

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090320\
 Data File : VD066536.D
 Acq On : 03 Sep 2020 14:35
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 04 01:18:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:16:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	336677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	574721	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	522509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	243316	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	21926	6.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	12.20%	
35) Dibromofluoromethane	7.91	113	20926	6.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	12.18%	
50) Toluene-d8	10.33	98	68506	5.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.68%	
62) 4-Bromofluorobenzene	12.63	95	23315	5.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.20%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.99	85	18437	6.394	ug/l	98
3) Chloromethane	2.20	50	24876	11.929	ug/l	92
4) Vinyl Chloride	2.34	62	24818	9.965	ug/l	98
5) Bromomethane	2.77	94	20317	10.371	ug/l	98
6) Chloroethane	2.93	64	16100	9.762	ug/l	92
7) Trichlorofluoromethane	3.27	101	38572	5.999	ug/l	98
8) Diethyl Ether	3.71	74	9201	7.136	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	21306	7.543	ug/l	98
10) Methyl Iodide	4.30	142	11432	3.857	ug/l	97
11) Tert butyl alcohol	5.18	59	10685	40.410	ug/l #	80
12) 1,1-Dichloroethene	4.07	96	18060	6.903	ug/l #	79
13) Acrolein	3.93	56	4539	37.237	ug/l	97
14) Allyl chloride	4.71	41	27414	8.534	ug/l #	89
15) Acrylonitrile	5.43	53	18151	37.686	ug/l	91
16) Acetone	4.16	43	20042	35.694	ug/l	97
17) Carbon Disulfide	4.40	76	57716	7.399	ug/l	98
18) Methyl Acetate	4.72	43	10649	10.764	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	36603	5.432	ug/l	99
20) Methylene Chloride	4.96	84	40896	12.246	ug/l	90
21) trans-1,2-Dichloroethene	5.47	96	20259	6.661	ug/l #	89
22) Diisopropyl ether	6.37	45	49556	7.557	ug/l #	95
23) Vinyl Acetate	6.30	43	136829	33.345	ug/l	99
24) 1,1-Dichloroethane	6.27	63	36592	7.583	ug/l	96
25) 2-Butanone	7.21	43	25616	41.284	ug/l	97
26) 2,2-Dichloropropane	7.20	77	36821	6.482	ug/l	97
27) cis-1,2-Dichloroethene	7.20	96	22414	6.823	ug/l	94
28) Bromochloromethane	7.54	49	14318	9.494	ug/l	100
29) Tetrahydrofuran	7.56	42	14706	43.490	ug/l #	82
30) Chloroform	7.71	83	39019	6.582	ug/l	97
31) Cyclohexane	7.98	56	38946	9.095	ug/l #	73
32) 1,1,1-Trichloroethane	7.90	97	39147	6.148	ug/l	92
36) 1,1-Dichloropropene	8.11	75	29053	5.639	ug/l	97
37) Ethyl Acetate	7.29	43	11064	6.680	ug/l #	96
38) Carbon Tetrachloride	8.10	117	29447	3.997	ug/l	87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090320\
 Data File : VD066536.D
 Acq On : 03 Sep 2020 14:35
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 04 01:18:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:16:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	28783	4.762	ug/l	89
40) Benzene	8.34	78	80218	5.982	ug/l	98
41) Methacrylonitrile	7.51	41	5626	6.386	ug/l #	81
42) 1,2-Dichloroethane	8.41	62	27648	5.114	ug/l	95
43) Isopropyl Acetate	8.44	43	21482	6.359	ug/l #	59
44) Trichloroethene	9.11	130	21853	4.956	ug/l	99
45) 1,2-Dichloropropane	9.38	63	19973	7.118	ug/l	94
46) Dibromomethane	9.47	93	10916	5.665	ug/l	97
47) Bromodichloromethane	9.66	83	30329	5.377	ug/l	94
48) Methyl methacrylate	9.45	41	10905	6.326	ug/l	96
49) 1,4-Dioxane	9.46	88	2229	99.956	ug/l #	89
51) 4-Methyl-2-Pentanone	10.23	43	51704	32.630	ug/l	92
52) Toluene	10.40	92	48334	5.167	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	24919	4.866	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	29949	5.418	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	14234	5.835	ug/l #	85
56) Ethyl methacrylate	10.66	69	13900	4.776	ug/l	94
57) 1,3-Dichloropropane	10.94	76	24058	5.876	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	34808	29.699	ug/l	100
59) 2-Hexanone	10.98	43	32831	28.881	ug/l	97
60) Dibromochloromethane	11.14	129	18784	4.832	ug/l	96
61) 1,2-Dibromoethane	11.24	107	14210	5.706	ug/l	96
64) Tetrachloroethene	10.87	164	17909	4.528	ug/l	90
65) Chlorobenzene	11.67	112	53442	5.206	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	20626	4.824	ug/l	100
67) Ethyl Benzene	11.74	91	90097	4.930	ug/l #	85
68) m/p-Xylenes	11.86	106	60949	8.634	ug/l	93
69) o-Xylene	12.18	106	27351	4.116	ug/l	100
70) Styrene	12.20	104	47038	4.132	ug/l	96
71) Bromoform	12.36	173	9966	4.330	ug/l #	98
73) Isopropylbenzene	12.48	105	76621	4.631	ug/l	99
74) N-amyl acetate	12.29	43	17635	6.474	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	16141	7.580	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	20235	11.988	ug/l #	100
77) Bromobenzene	12.76	156	19205	4.689	ug/l	99
78) n-propylbenzene	12.82	91	91781	4.972	ug/l	100
79) 2-Chlorotoluene	12.91	91	52804	5.000	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	61626	4.295	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	4516	6.186	ug/l	95
82) 4-Chlorotoluene	13.00	91	59510	5.248	ug/l	95
83) tert-Butylbenzene	13.23	119	50718	4.090	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	59333	4.156	ug/l	99
85) sec-Butylbenzene	13.40	105	77045	4.776	ug/l	99
86) p-Isopropyltoluene	13.52	119	64284	4.057	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	38175	4.973	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	40242	5.206	ug/l	95
89) n-Butylbenzene	13.85	91	68057	5.004	ug/l	96
90) Hexachloroethane	14.11	117	16972	5.798	ug/l	94
91) 1,2-Dichlorobenzene	13.90	146	34974	5.251	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	14.51	75	2937	5.777	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090320\
Data File : VD066536.D
Acq On : 03 Sep 2020 14:35
Operator : VA/SY
Sample : VSTDICC005
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Quant Time: Sep 04 01:18:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:16:19 2020
Response via : Initial Calibration

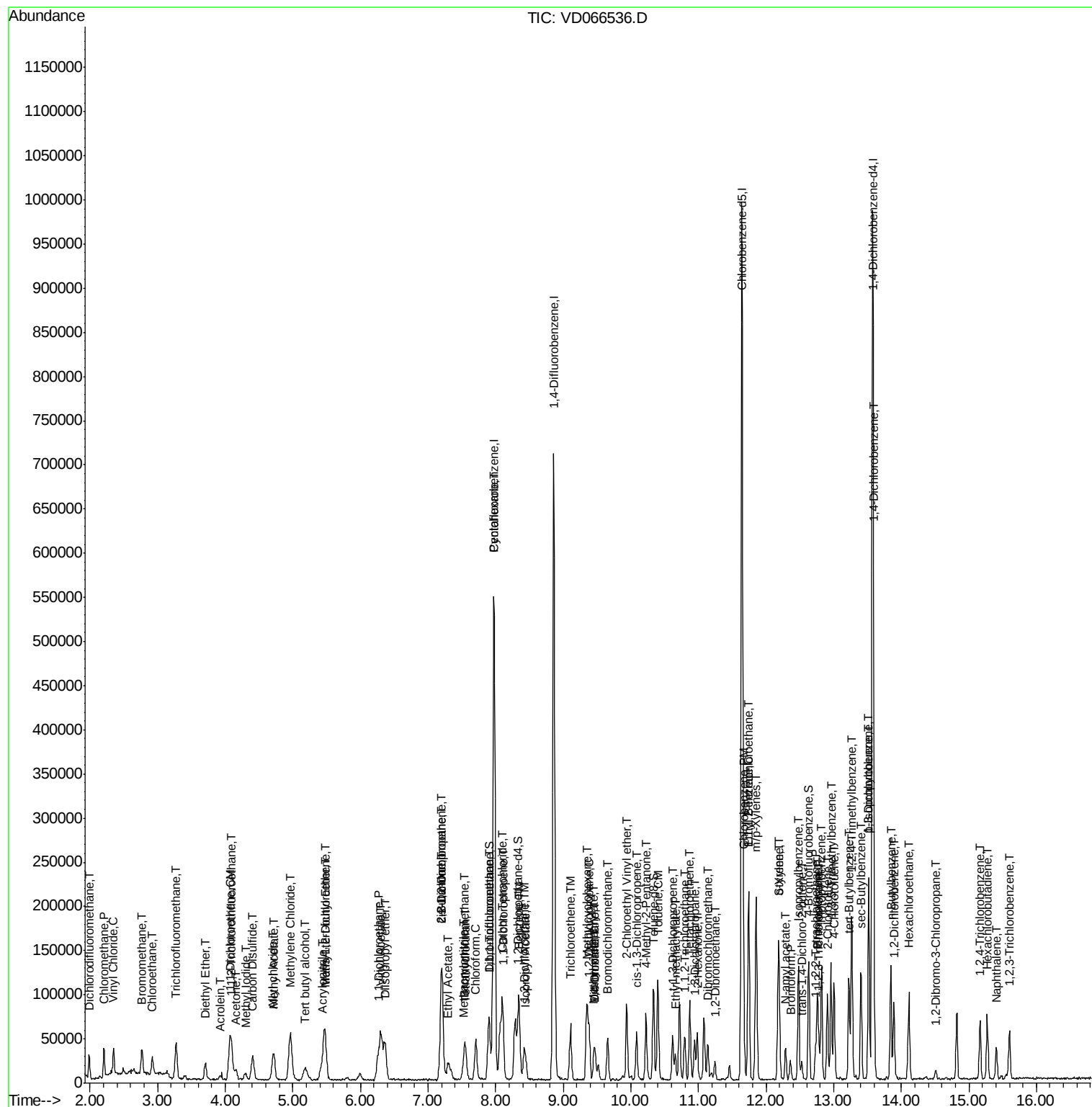
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	19024	3.766	ug/l	94
94) Hexachlorobutadiene	15.27	225	12410	3.828	ug/l	99
95) Naphthalene	15.41	128	28135	3.492	ug/l	97
96) 1,2,3-Trichlorobenzene	15.60	180	15441	3.527	ug/l	95

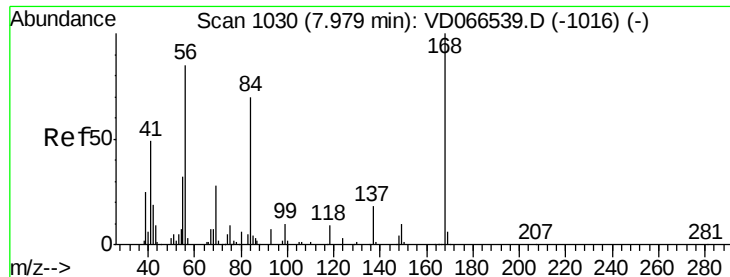
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090320\
Data File : VD066536.D
Acq On : 03 Sep 2020 14:35
Operator : VA/SY
Sample : VSTDIC005
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Quant Time: Sep 04 01:18:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:16:19 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

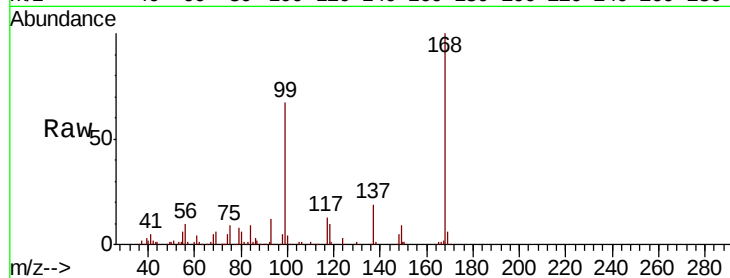
VSTDIC005

Tot Ion:168 Resp: 336677

Ion Ratio Lower Upper

168 100

99 66.6 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

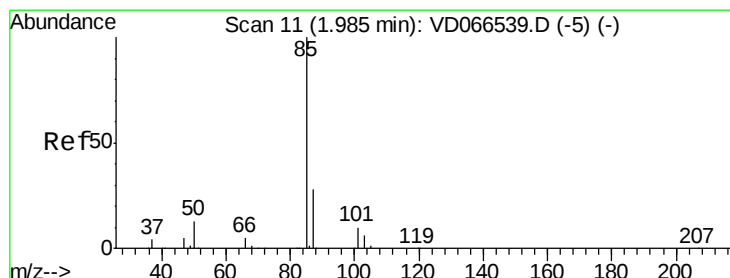
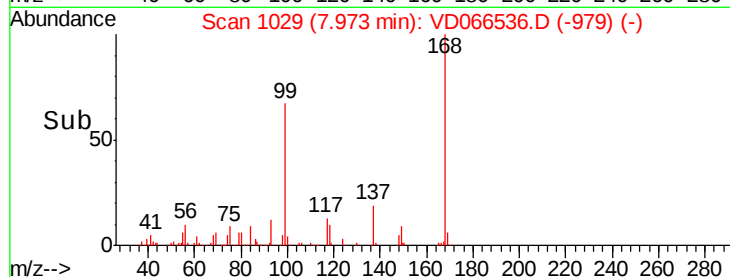
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 6.394 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066536.D

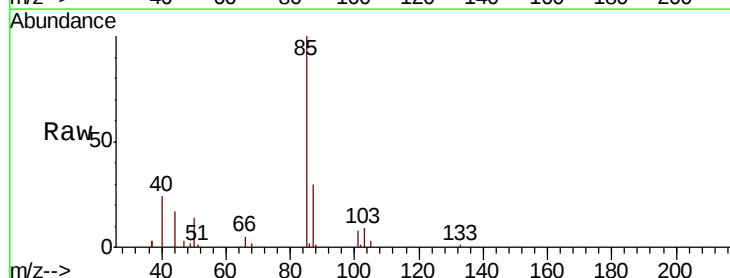
Acq: 03 Sep 2020 14:35

Tgt Ion: 85 Resp: 18437

Ion Ratio Lower Upper

85 100

87 29.7 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

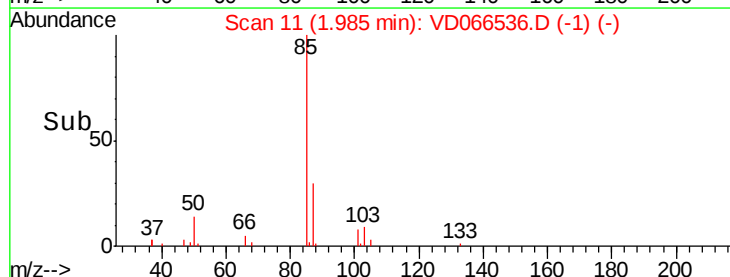
15000

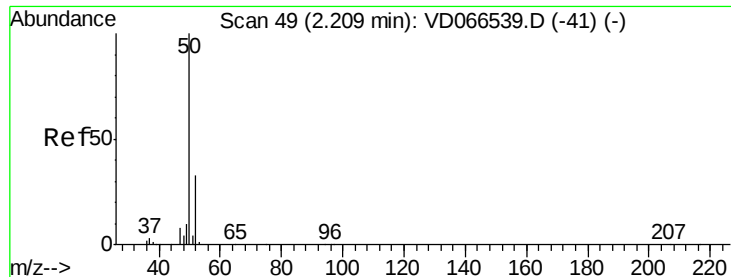
10000

5000

0

Time-->





#3

Chloromethane

Concen: 11.929 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

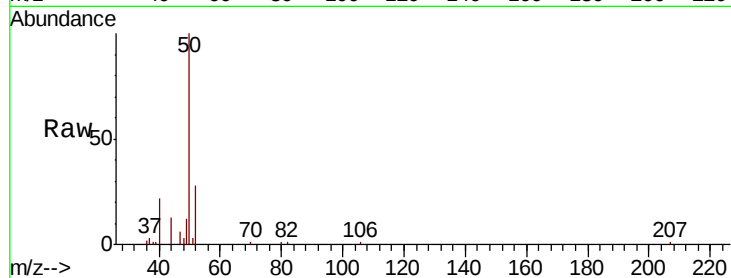
VSTDIC005

Tot Ion: 50 Resp: 24876

Ion Ratio Lower Upper

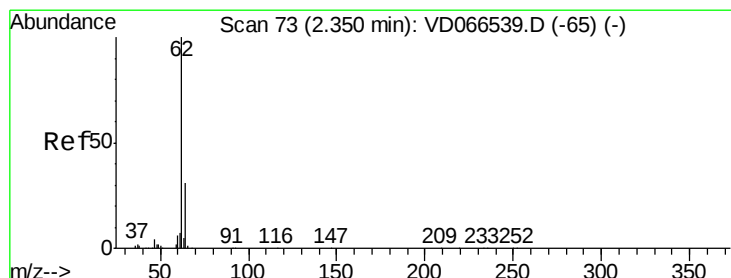
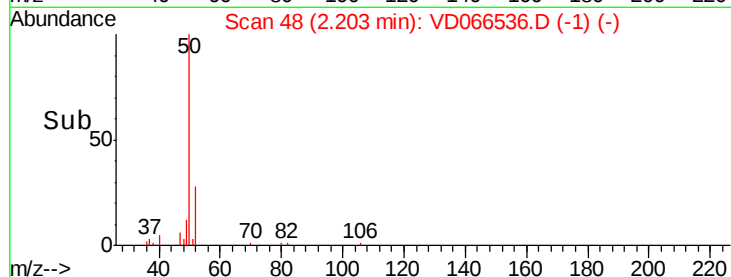
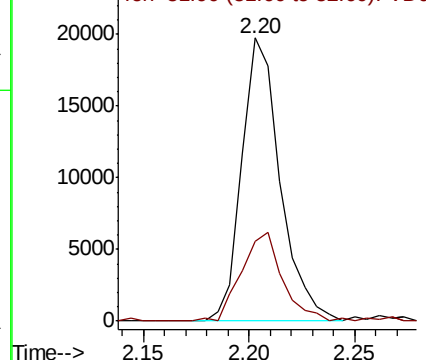
50 100

52 28.4 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 9.965 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD066536.D

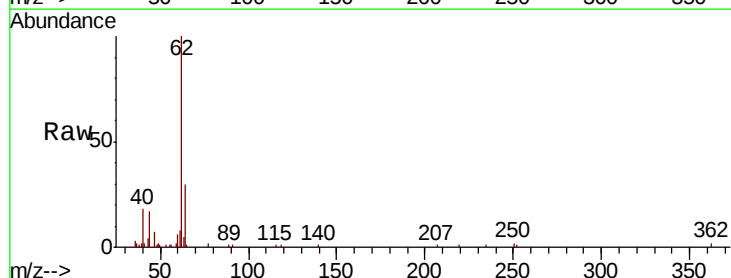
Acq: 03 Sep 2020 14:35

Tgt Ion: 62 Resp: 24818

Ion Ratio Lower Upper

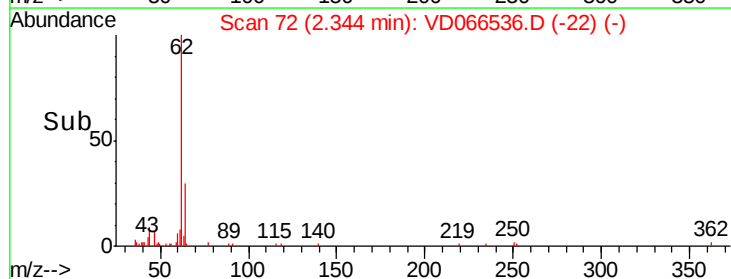
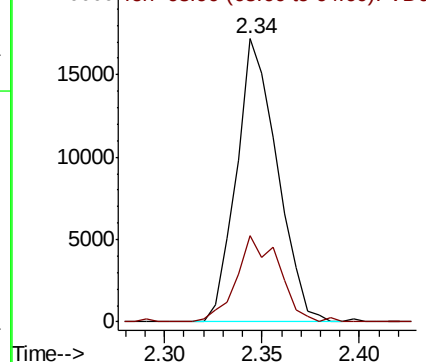
62 100

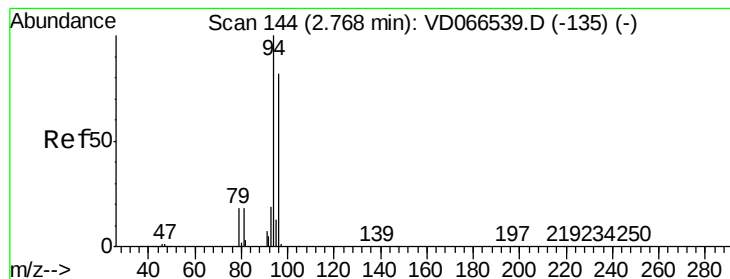
64 30.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 10.371 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

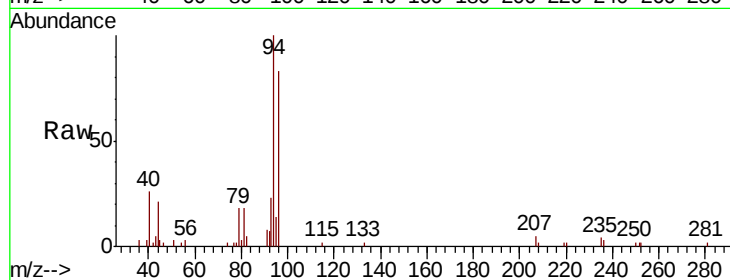
VSTDIC005

Tot Ion: 94 Resp: 20317

Ion Ratio Lower Upper

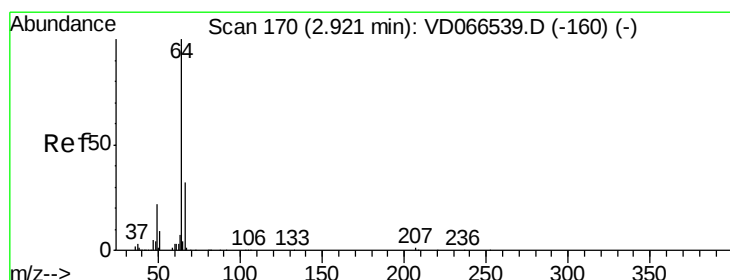
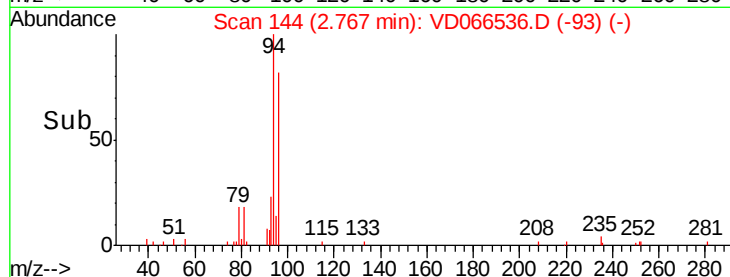
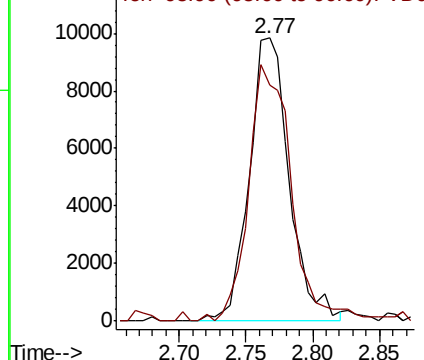
94 100

96 83.3 65.2 97.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 9.762 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066536.D

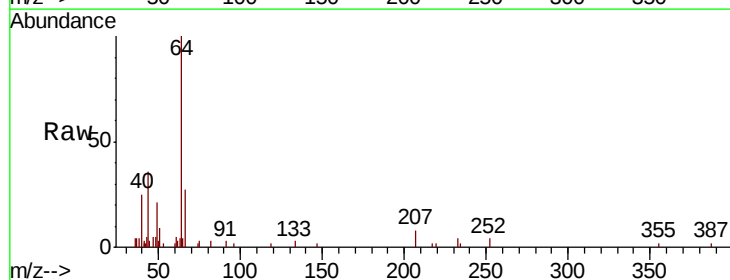
Acq: 03 Sep 2020 14:35

Tgt Ion: 64 Resp: 16100

Ion Ratio Lower Upper

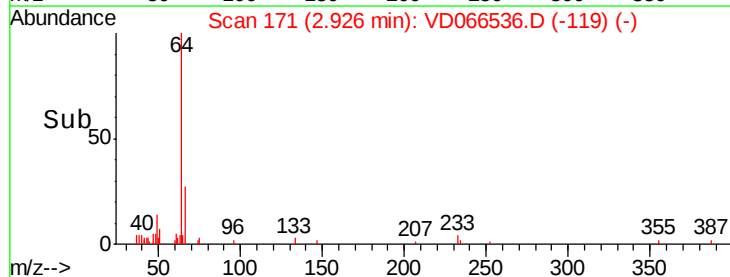
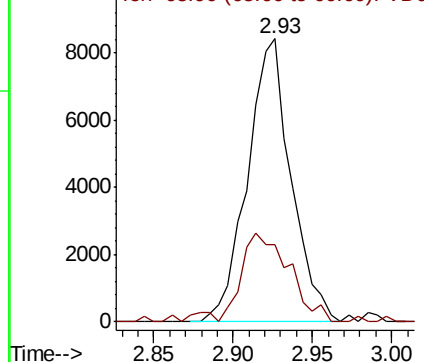
64 100

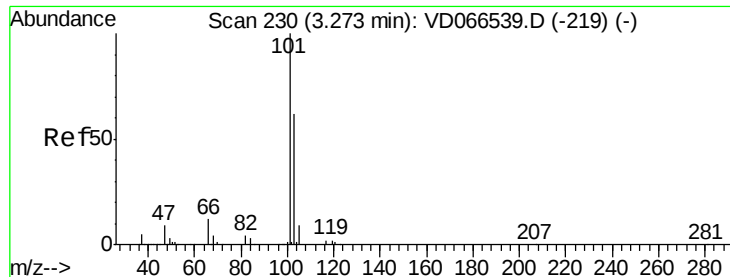
66 27.1 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 5.999 ug/l

RT: 3.27 min Scan# 229

Delta R.T. -0.01 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

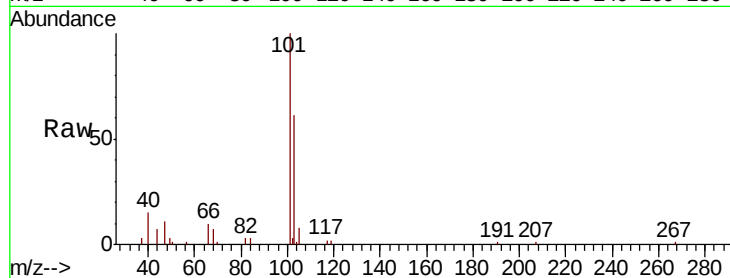
VSTDIC005

Tot Ion:101 Resp: 38572

Ion Ratio Lower Upper

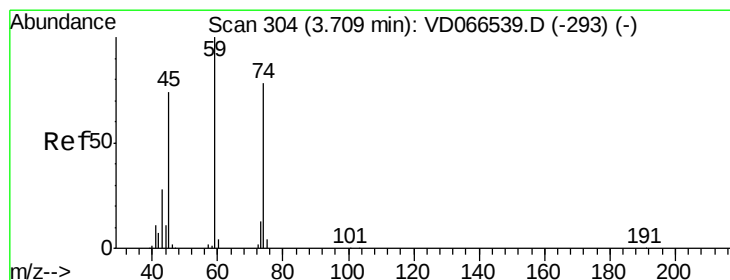
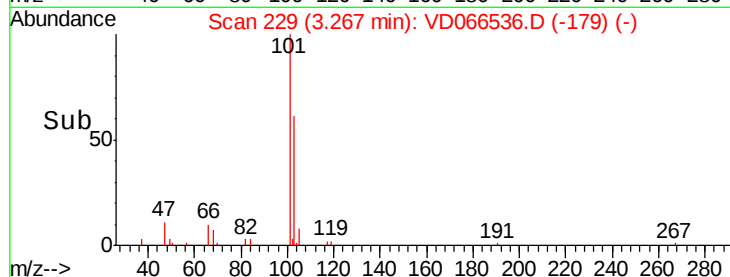
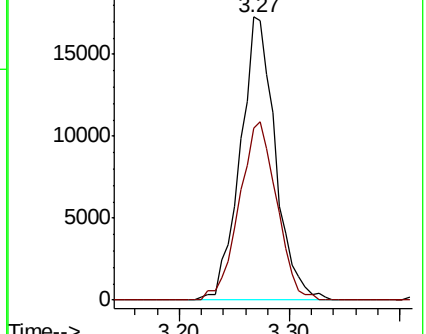
101 100

103 60.6 49.7 74.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 7.136 ug/l

RT: 3.71 min Scan# 304

Delta R.T. -0.00 min

Lab File: VD066536.D

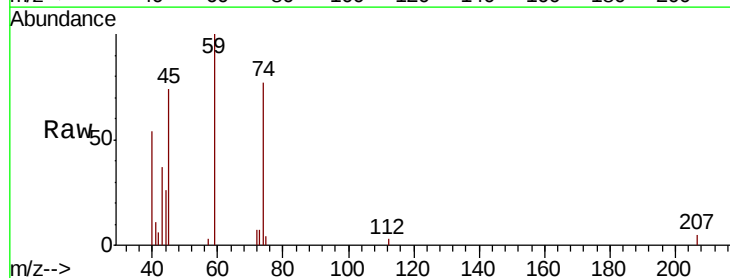
Acq: 03 Sep 2020 14:35

Tgt Ion: 74 Resp: 9201

Ion Ratio Lower Upper

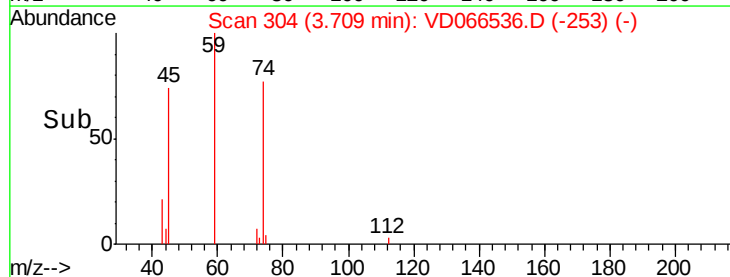
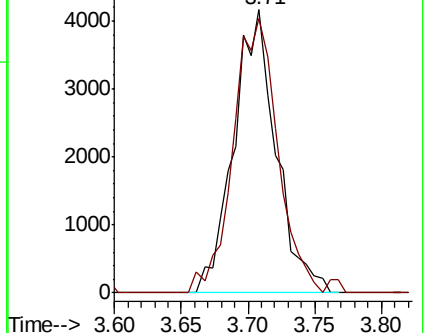
74 100

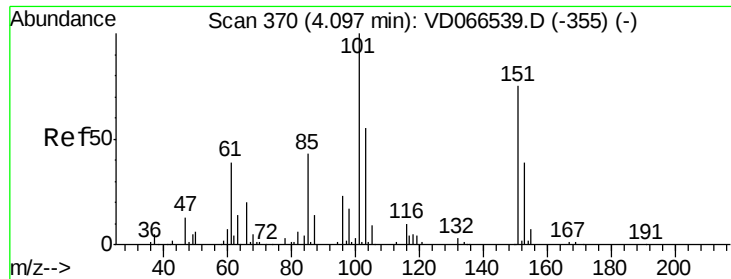
45 101.7 49.7 149.1



Abundance Ion 74.00 (73.70 to 74.70): V

Ion 45.00 (44.70 to 45.70): V





#9

1,1,2-Trichlorotrifluoroethane

Concen: 7.543 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

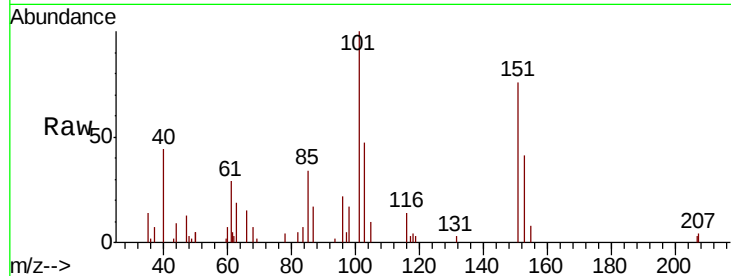
Tot Ion:101 Resp: 21306

Ion Ratio Lower Upper

101 100

85 45.5 37.0 55.6

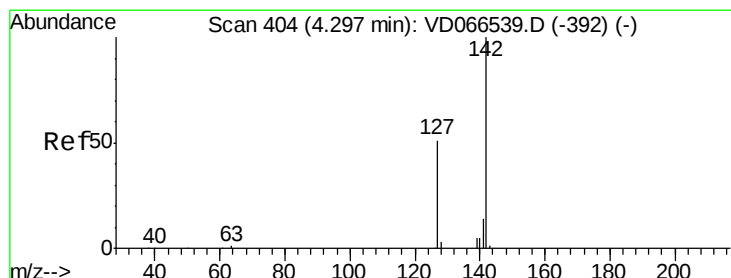
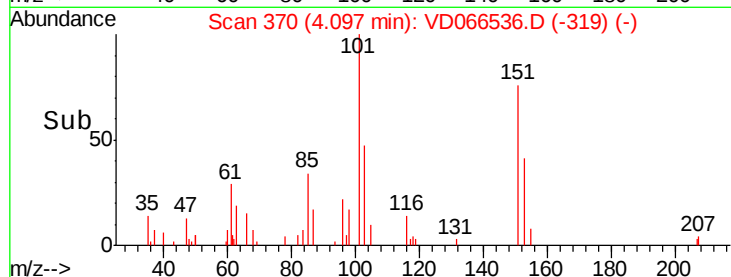
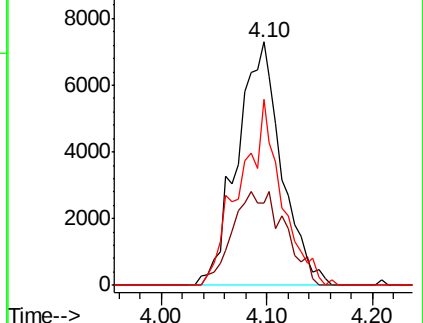
151 71.9 59.4 89.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 3.857 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

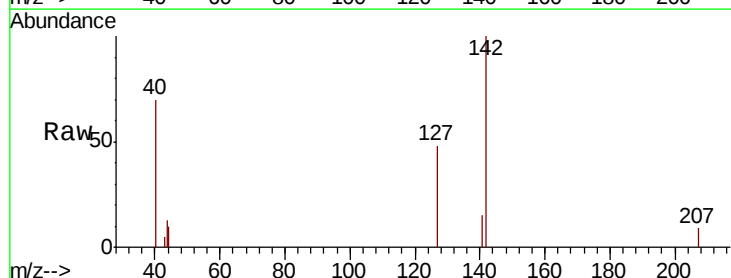
Tgt Ion:142 Resp: 11432

Ion Ratio Lower Upper

142 100

127 53.3 40.6 61.0

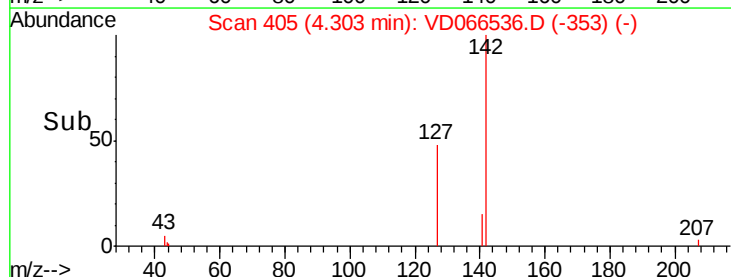
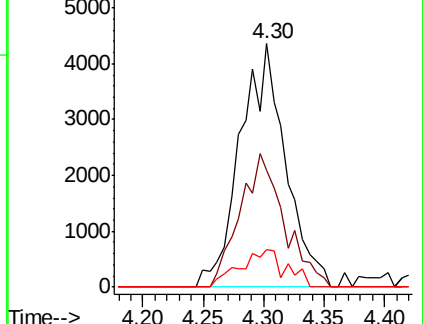
141 15.4 12.2 18.4

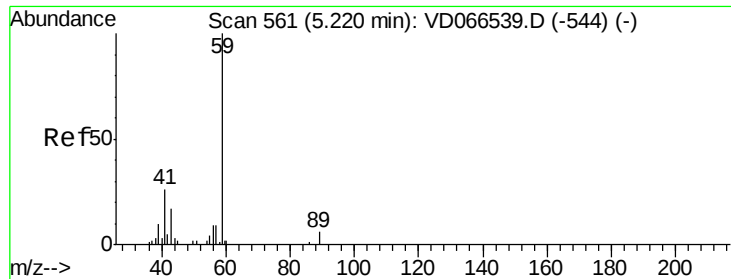


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

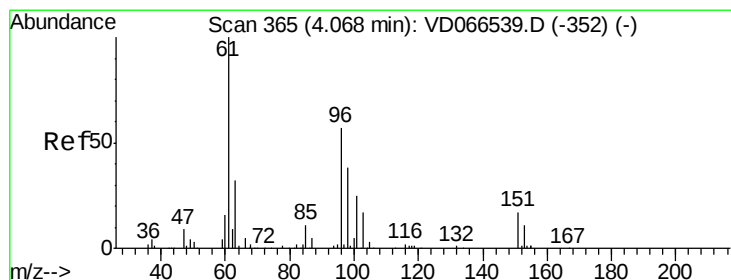
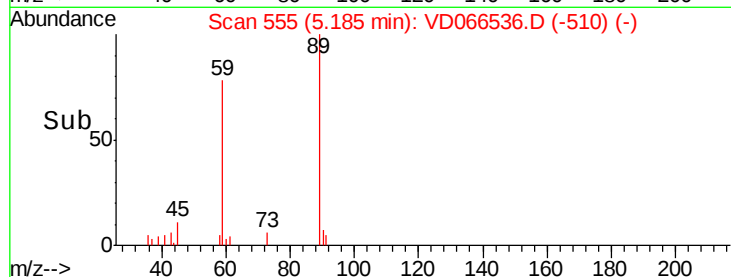
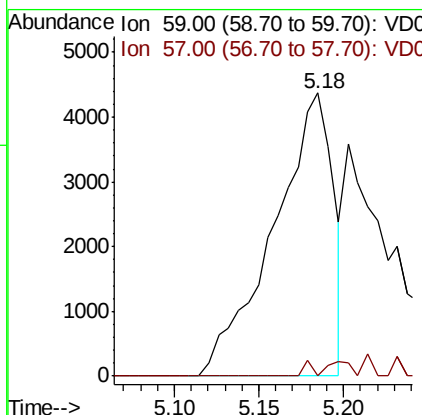
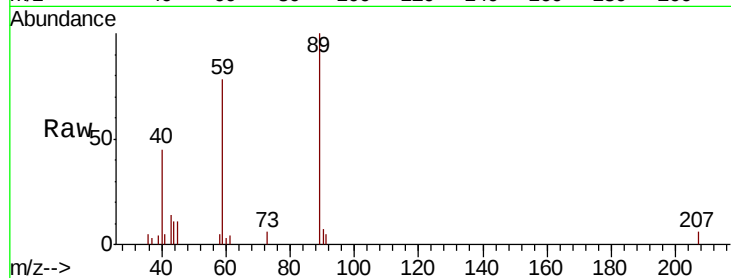




#11
Tert butyl alcohol
Concen: 40.410 ug/l
RT: 5.18 min Scan# 555
Delta R.T. -0.04 min
Lab File: VD066536.D
Acq: 03 Sep 2020 14:35

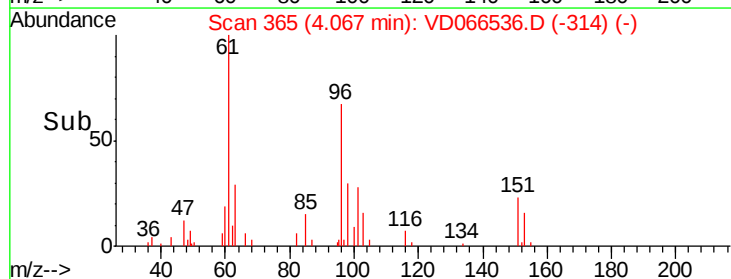
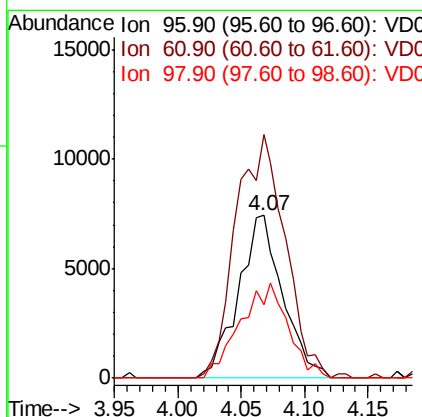
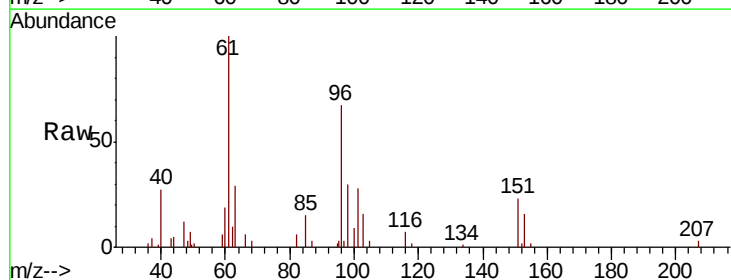
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

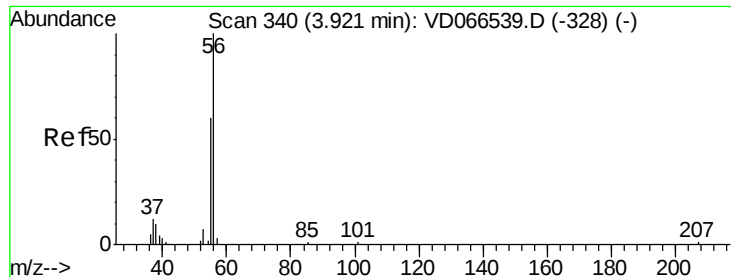
Tot Ion: 59 Resp: 10685
Ion Ratio Lower Upper
59 100
57 2.0 7.6 11.4#



#12
1,1-Dichloroethene
Concen: 6.903 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.00 min
Lab File: VD066536.D
Acq: 03 Sep 2020 14:35

Tgt Ion: 96 Resp: 18060
Ion Ratio Lower Upper
96 100
61 150.0 140.9 211.3
98 45.1 53.2 79.8#





#13

Acrolein

Concen: 37.237 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

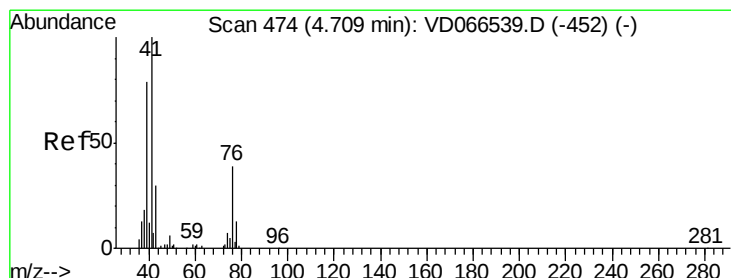
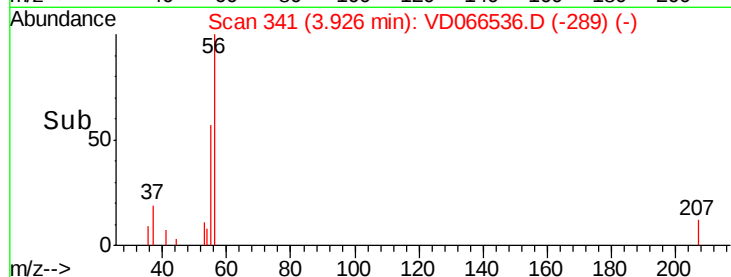
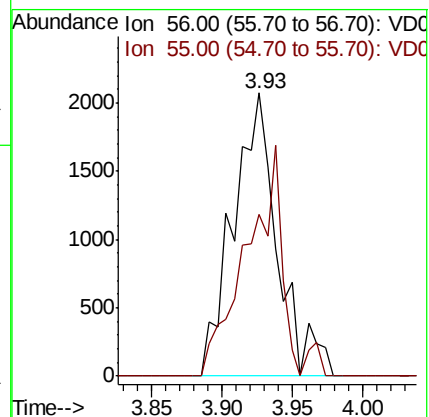
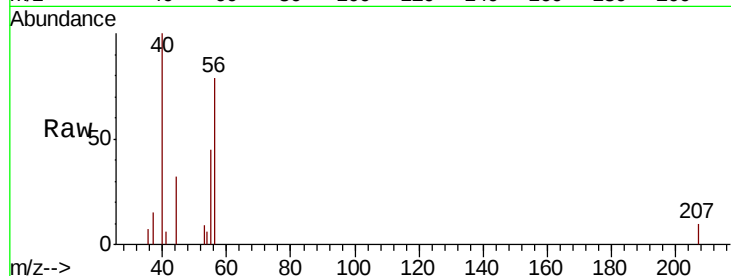
VSTDIC005

Tot Ion: 56 Resp: 4539

Ion Ratio Lower Upper

56 100

55 64.7 53.6 80.4



#14

Allyl chloride

Concen: 8.534 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

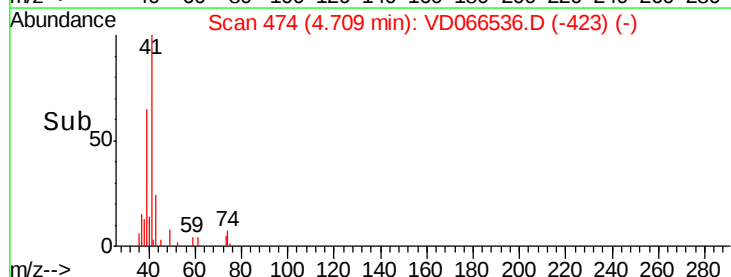
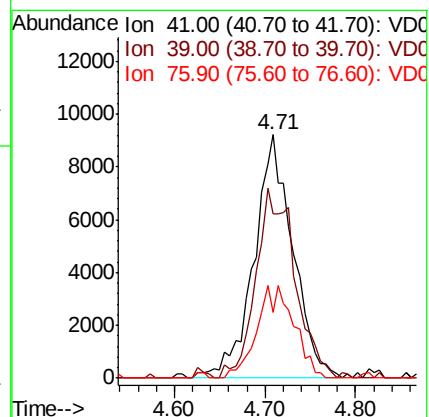
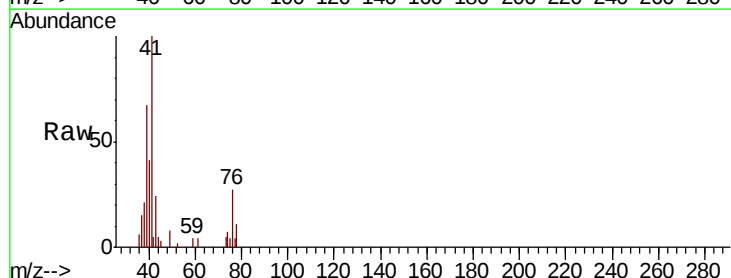
Tgt Ion: 41 Resp: 27414

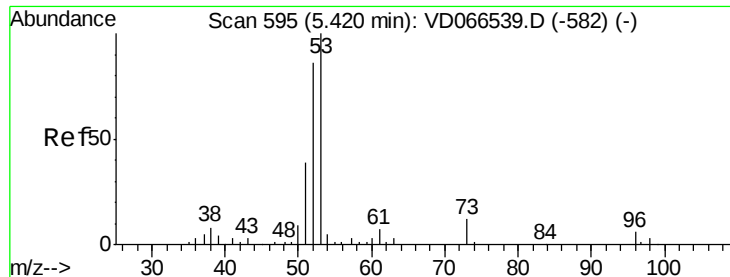
Ion Ratio Lower Upper

41 100

39 78.4 61.9 92.9

76 17.1 29.0 43.6#





#15

Acrylonitrile

Concen: 37.686 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

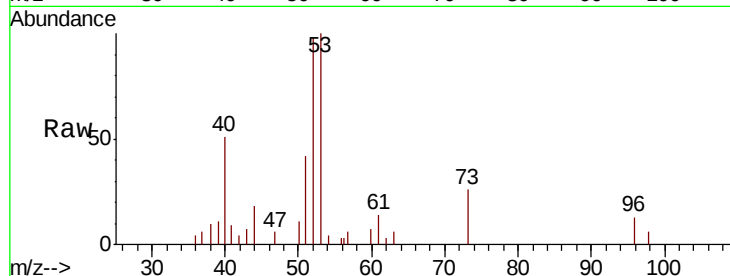
Tot Ion: 53 Resp: 18151

Ion Ratio Lower Upper

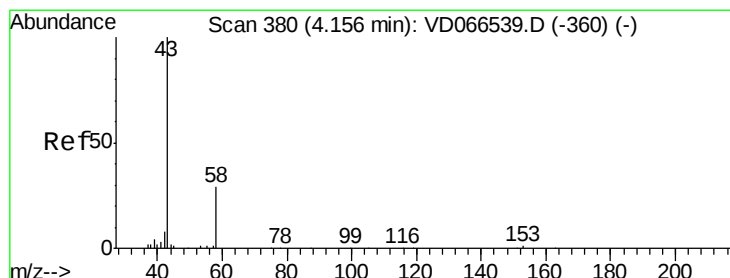
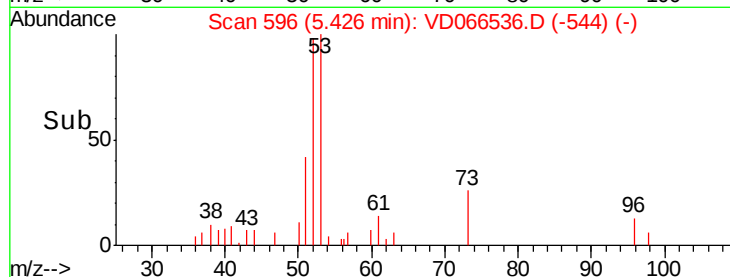
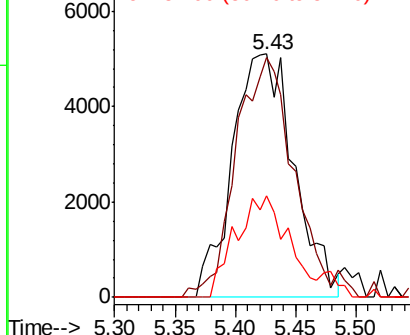
53 100

52 90.8 65.4 98.2

51 35.4 31.2 46.8



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 35.694 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066536.D

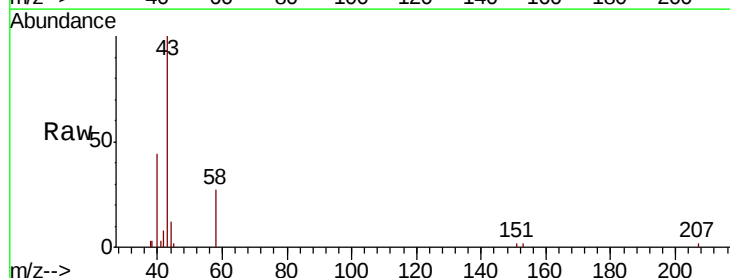
Acq: 03 Sep 2020 14:35

Tgt Ion: 43 Resp: 20042

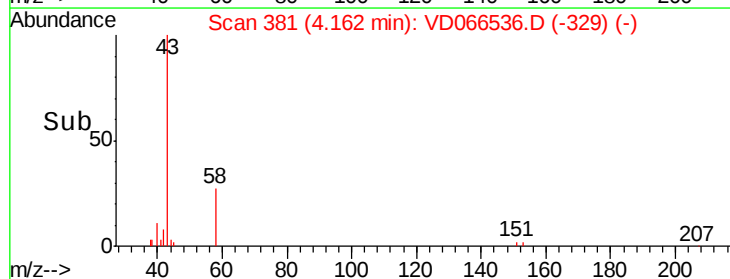
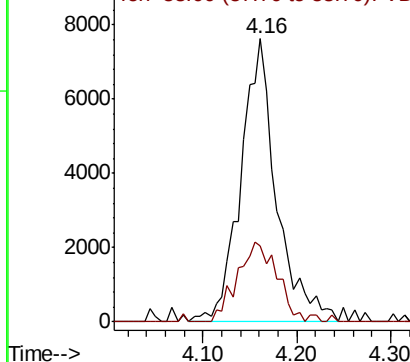
Ion Ratio Lower Upper

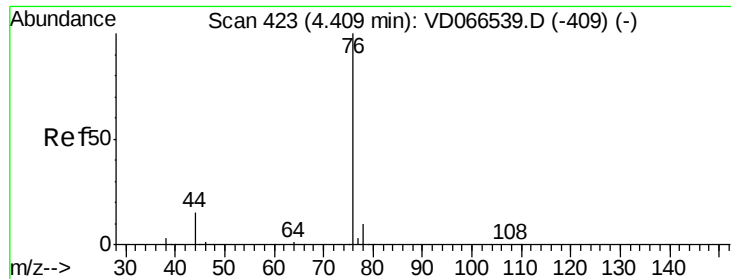
43 100

58 27.0 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

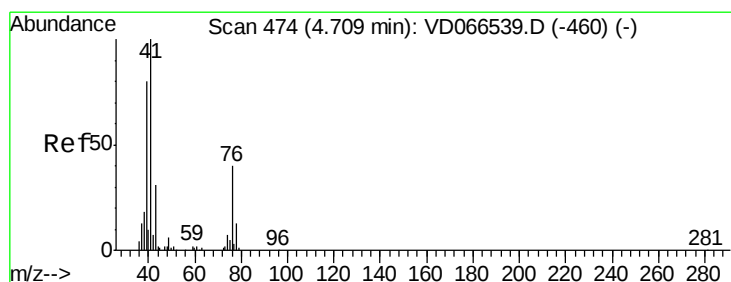
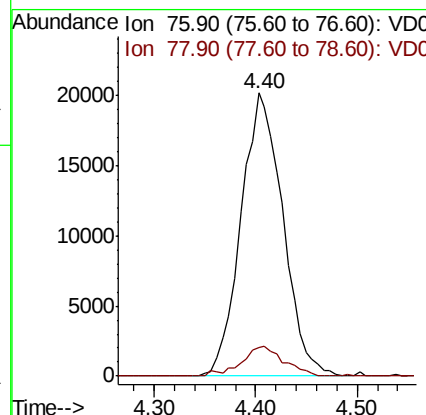
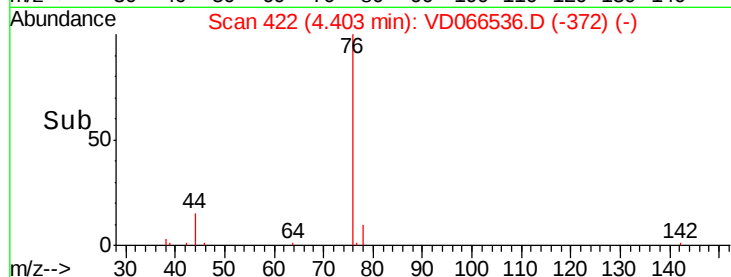
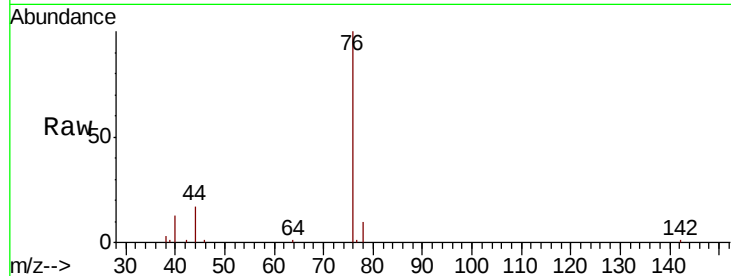




#17
Carbon Disulfide
Concen: 7.399 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD066536.D
Acq: 03 Sep 2020 14:35

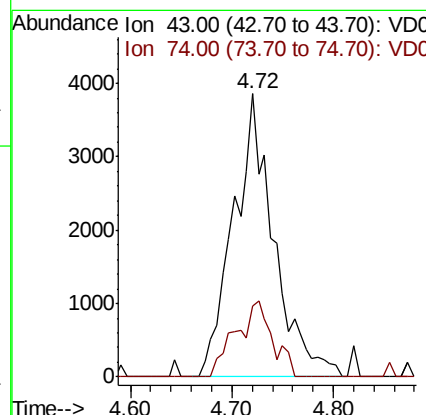
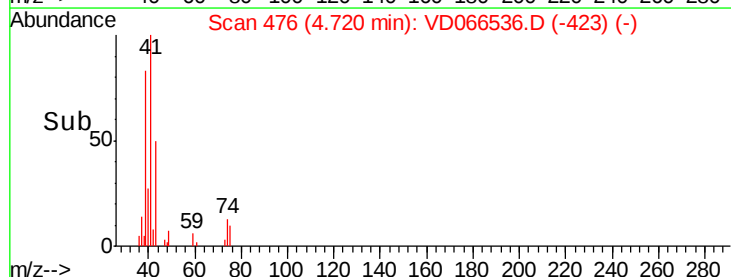
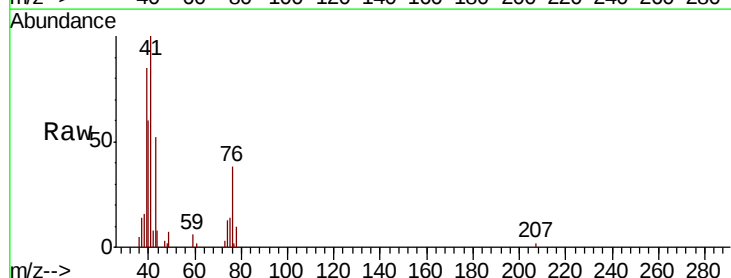
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

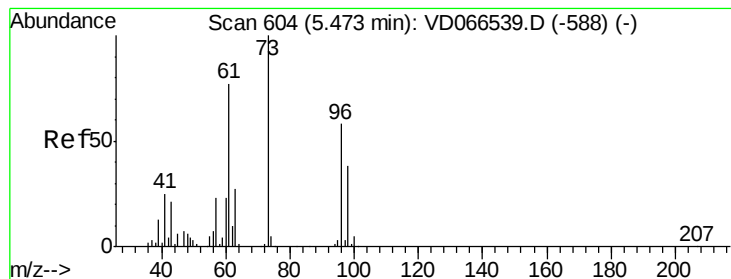
Tot Ion: 76 Resp: 57716
Ion Ratio Lower Upper
76 100
78 10.2 7.6 11.4



#18
Methyl Acetate
Concen: 10.764 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066536.D
Acq: 03 Sep 2020 14:35

Tgt Ion: 43 Resp: 10649
Ion Ratio Lower Upper
43 100
74 24.3 18.0 27.0



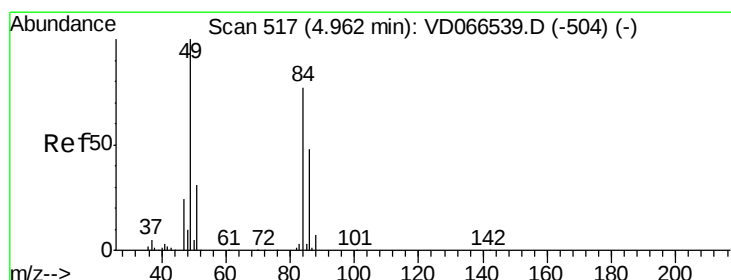
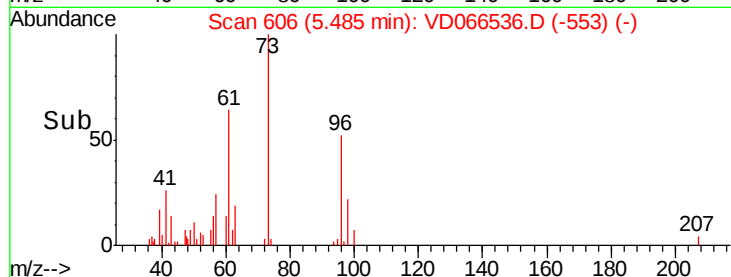
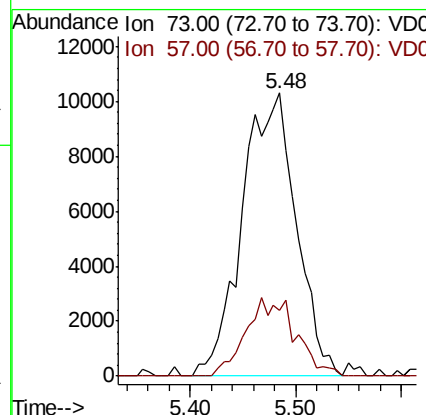
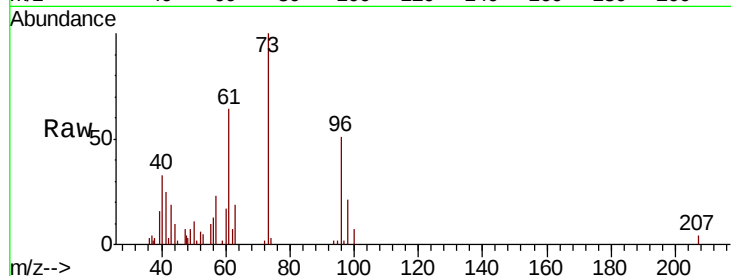


#19

Methyl tert-butyl Ether
 Concen: 5.432 ug/l
 RT: 5.48 min Scan# 606
 Delta R.T. 0.01 min
 Lab File: VD066536.D
 Acq: 03 Sep 2020 14:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

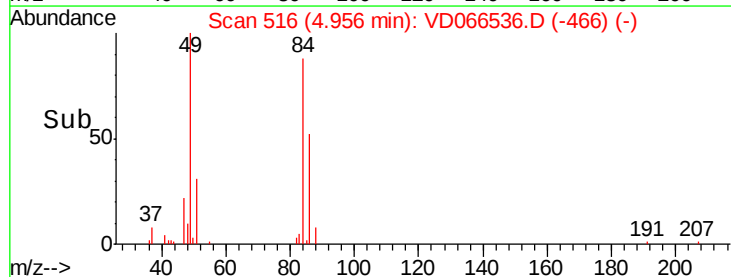
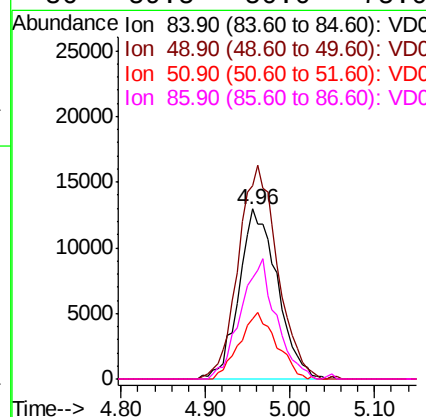
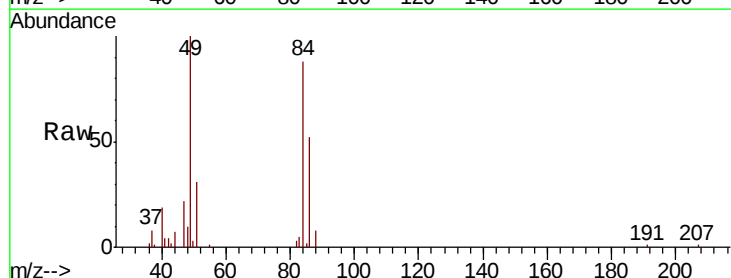
Tot Ion: 73 Resp: 36603
 Ion Ratio Lower Upper
 73 100
 57 23.2 18.3 27.5

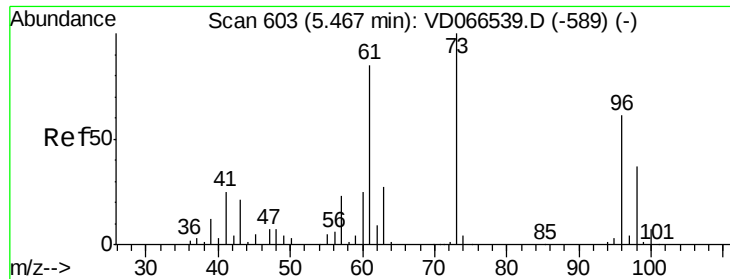


#20

Methylene Chloride
 Concen: 12.246 ug/l
 RT: 4.96 min Scan# 516
 Delta R.T. -0.01 min
 Lab File: VD066536.D
 Acq: 03 Sep 2020 14:35

Tgt Ion: 84 Resp: 40896
 Ion Ratio Lower Upper
 84 100
 49 114.2 104.3 156.5
 51 35.3 32.2 48.4
 86 59.5 50.0 75.0

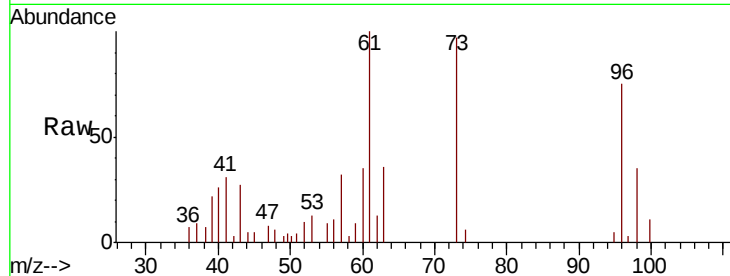




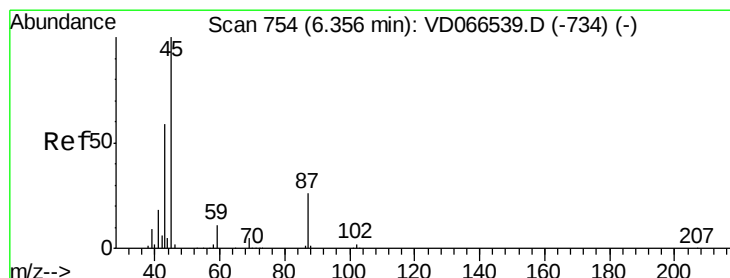
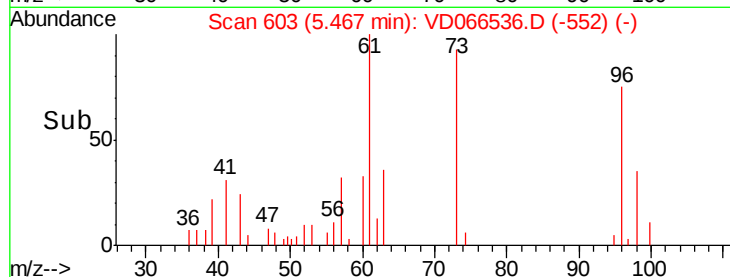
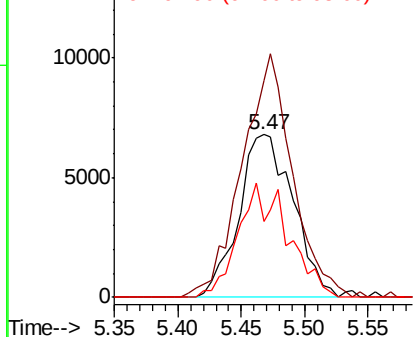
#21
trans-1,2-Dichloroethene
Concen: 6.661 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.00 min
Lab File: VD066536.D
Acq: 03 Sep 2020 14:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion: 96 Resp: 20259
Ion Ratio Lower Upper
96 100
61 131.2 112.1 168.1
98 46.5 48.6 72.8#

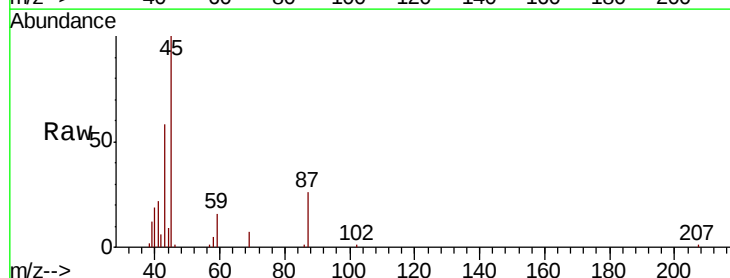


Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC

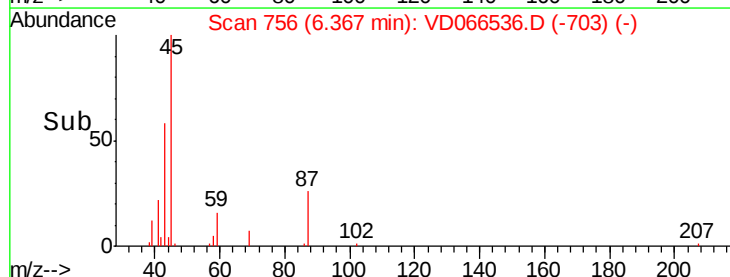
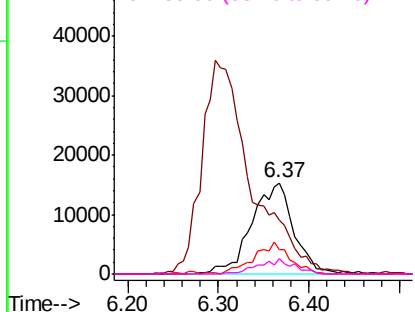


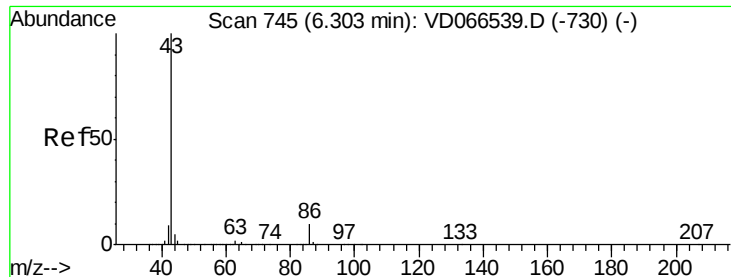
#22
Diisopropyl ether
Concen: 7.557 ug/l
RT: 6.37 min Scan# 756
Delta R.T. 0.01 min
Lab File: VD066536.D
Acq: 03 Sep 2020 14:35

Tgt Ion: 45 Resp: 49556
Ion Ratio Lower Upper
45 100
43 54.8 47.0 70.4
87 26.5 21.3 31.9
59 16.2 8.7 13.1#



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 33.345 ug/l

RT: 6.30 min Scan# 744

Delta R.T. -0.01 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

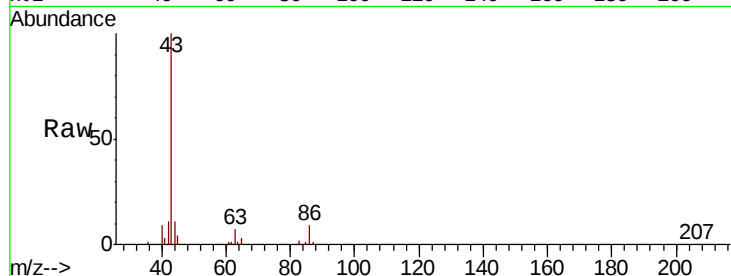
VSTDIC005

Tot Ion: 43 Resp: 136829

Ion Ratio Lower Upper

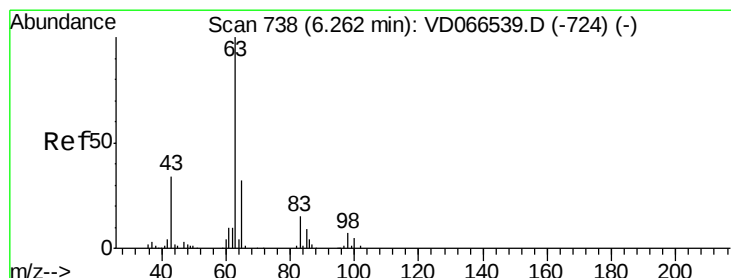
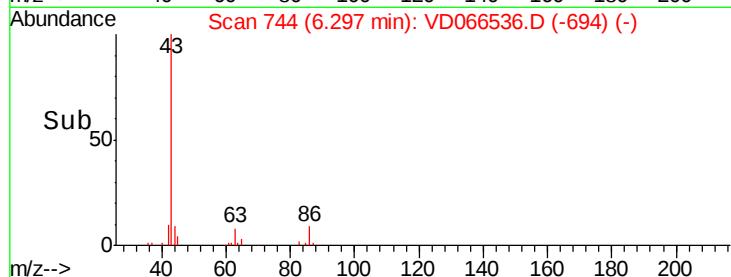
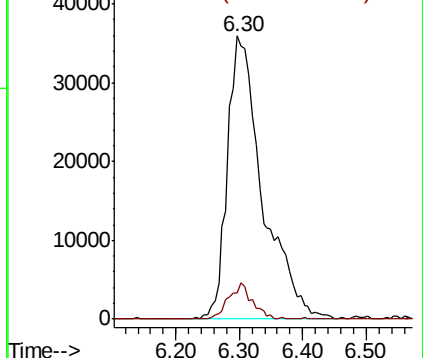
43 100

86 9.3 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 7.583 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

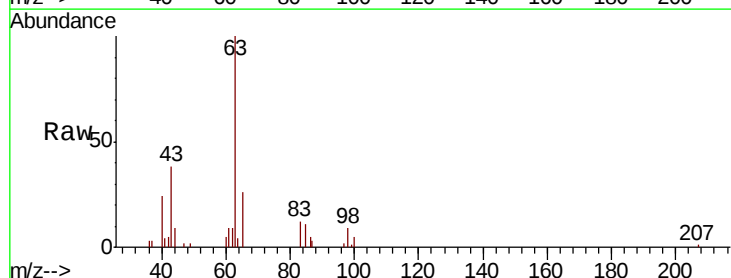
Tgt Ion: 63 Resp: 36592

Ion Ratio Lower Upper

63 100

98 8.9 3.4 10.1

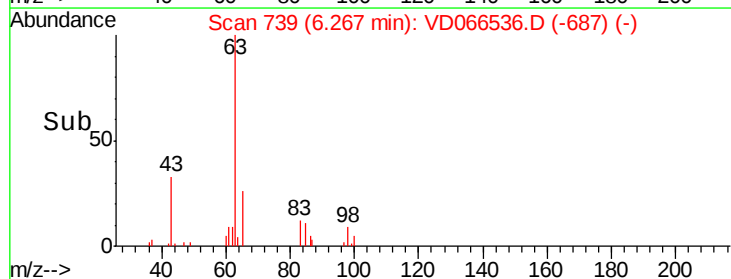
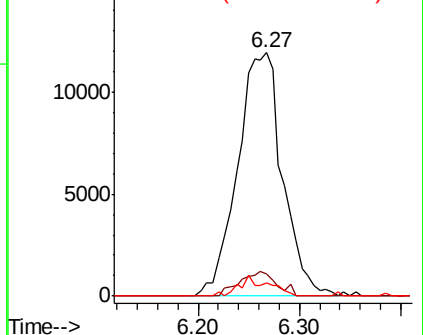
100 5.4 2.5 7.4

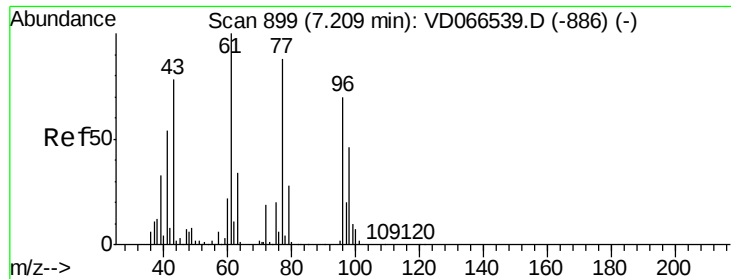


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

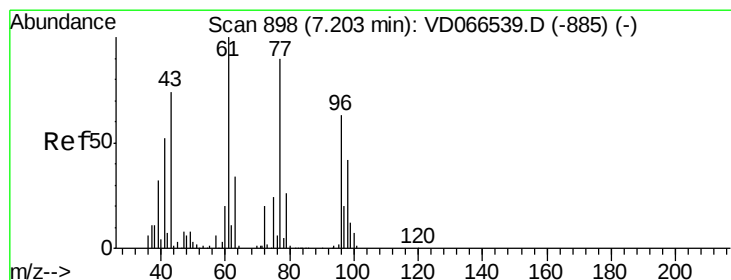
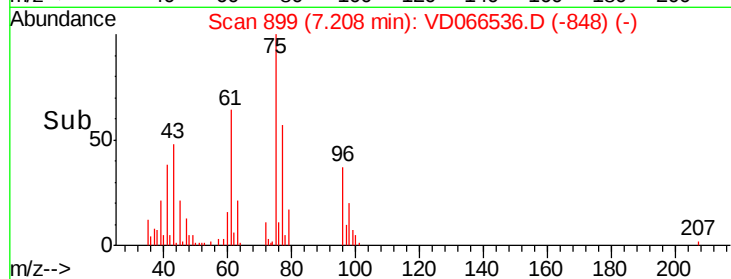
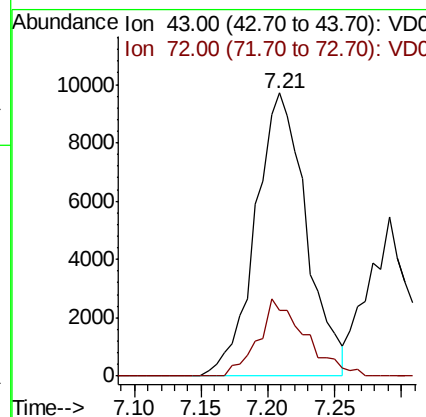
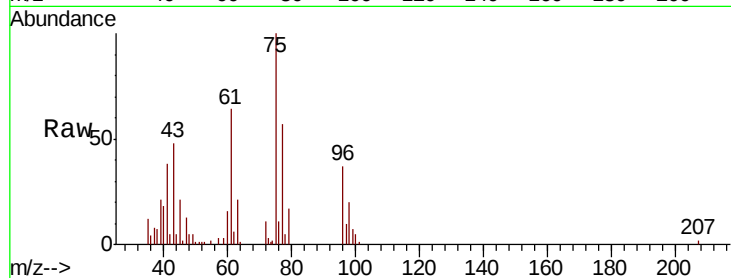




#25
2-Butanone
Concen: 41.284 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066536.D
Acq: 03 Sep 2020 14:35

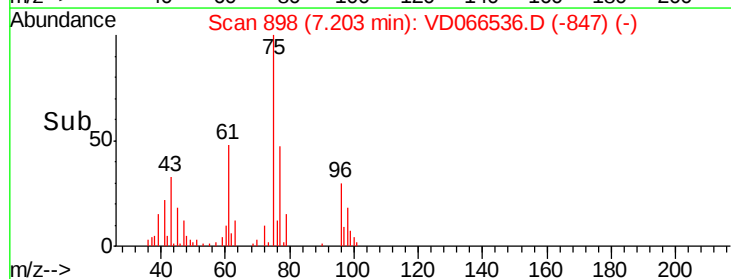
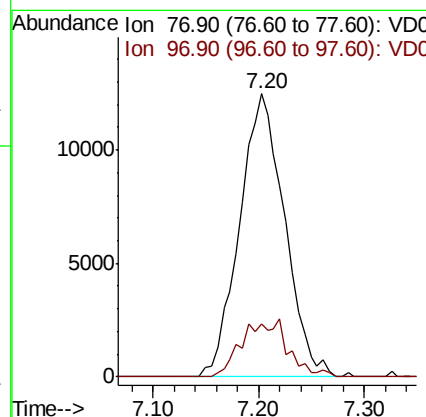
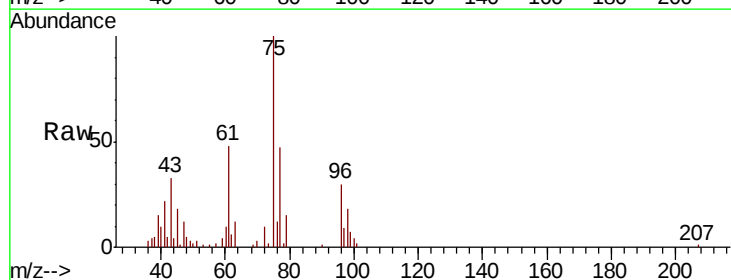
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

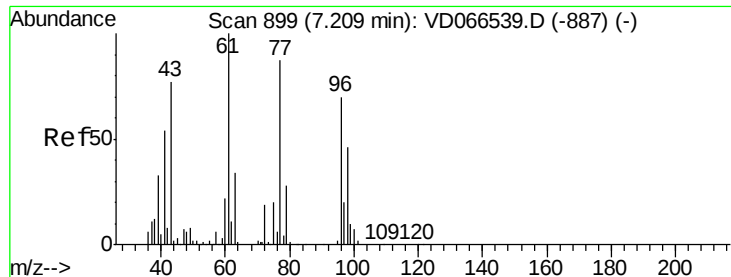
Tot Ion: 43 Resp: 25616
Ion Ratio Lower Upper
43 100
72 23.4 19.8 29.6



#26
2,2-Dichloropropane
Concen: 6.482 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.00 min
Lab File: VD066536.D
Acq: 03 Sep 2020 14:35

Tgt Ion: 77 Resp: 36821
Ion Ratio Lower Upper
77 100
97 20.1 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 6.823 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

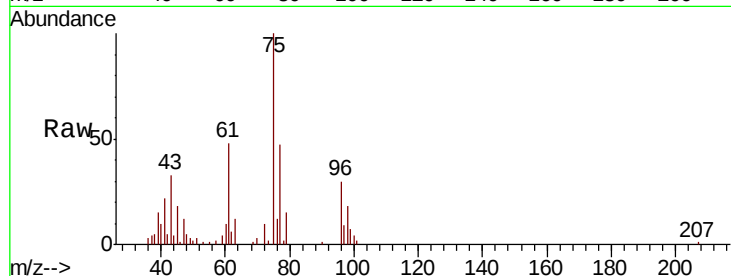
Tot Ion: 96 Resp: 22414

Ion Ratio Lower Upper

96 100

61 159.0 0.0 301.0

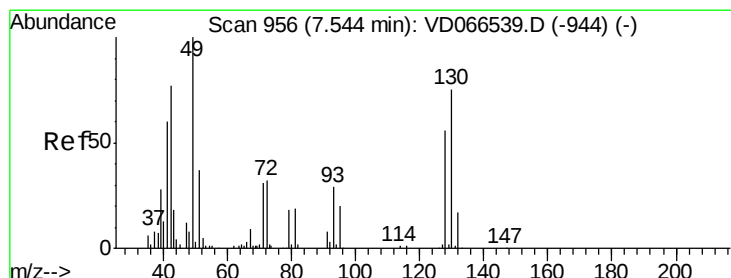
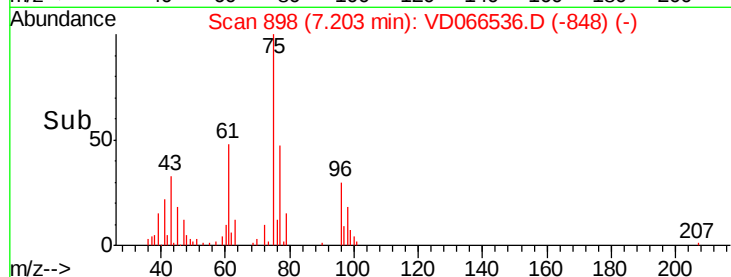
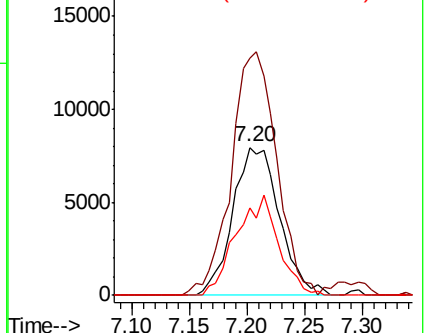
98 61.2 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#28

Bromochloromethane

Concen: 9.494 ug/l

RT: 7.54 min Scan# 955

Delta R.T. -0.01 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

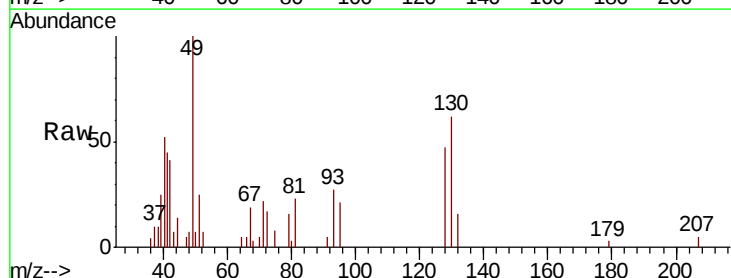
Tgt Ion: 49 Resp: 14318

Ion Ratio Lower Upper

49 100

129 2.3 0.0 2.6

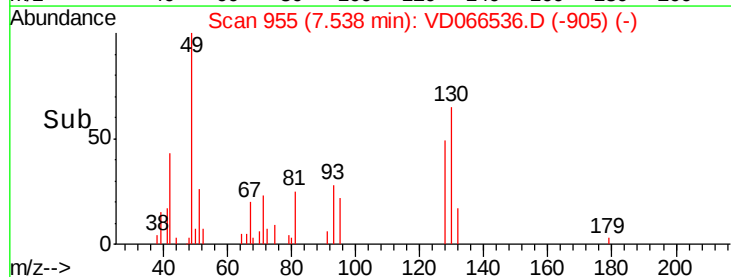
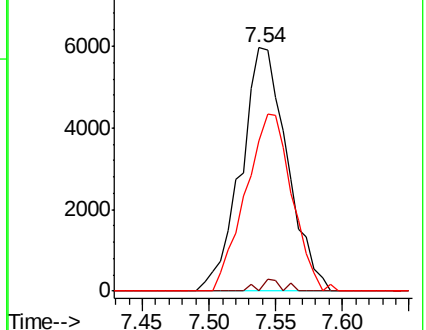
130 72.8 58.2 87.2

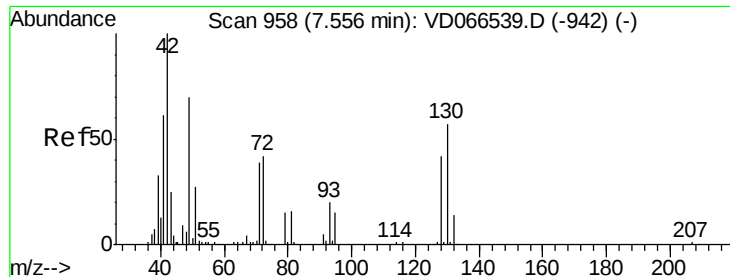


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

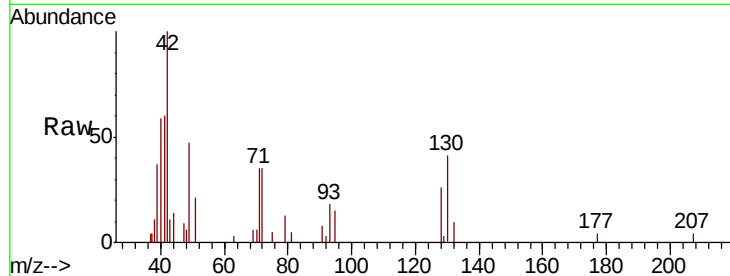




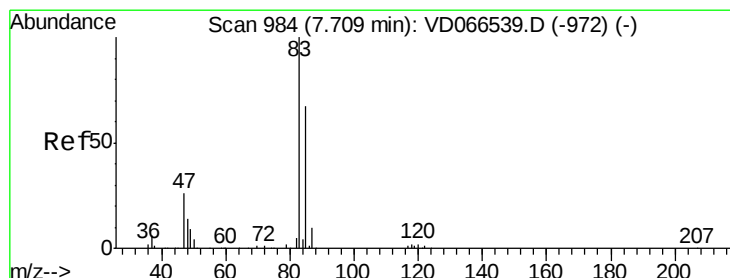
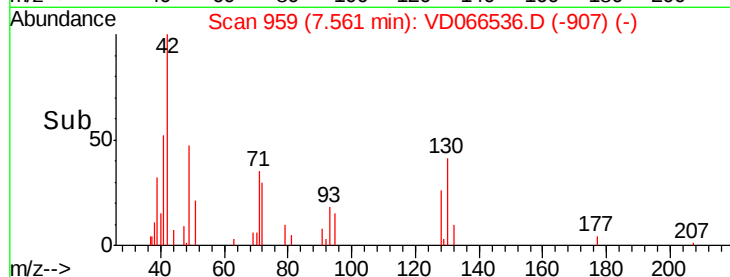
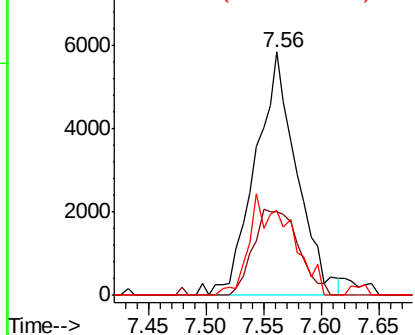
#29
Tetrahydrofuran
Concen: 43.490 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.01 min
Lab File: VD066536.D
Acq: 03 Sep 2020 14:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion: 42 Resp: 14706
Ion Ratio Lower Upper
42 100
72 38.3 33.4 50.0
71 20.6 31.9 47.9#

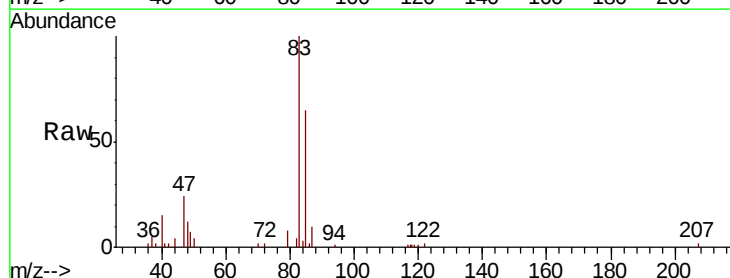


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

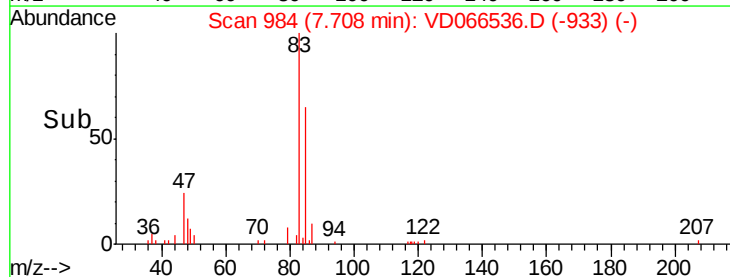
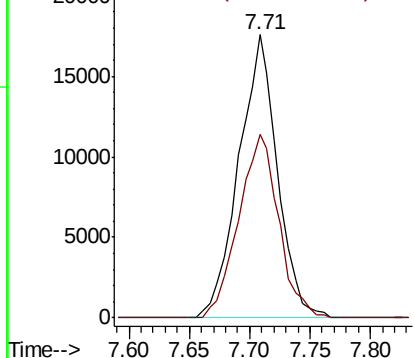


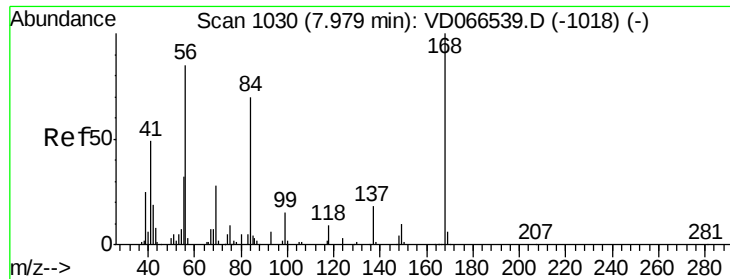
#30
Chloroform
Concen: 6.582 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066536.D
Acq: 03 Sep 2020 14:35

Tgt Ion: 83 Resp: 39019
Ion Ratio Lower Upper
83 100
85 64.9 53.6 80.4



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC

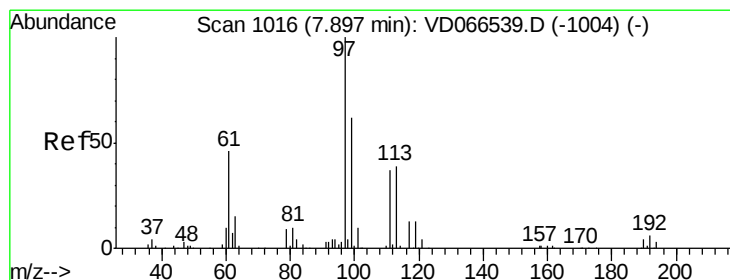
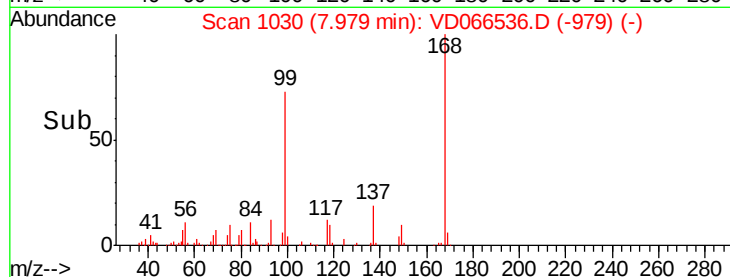
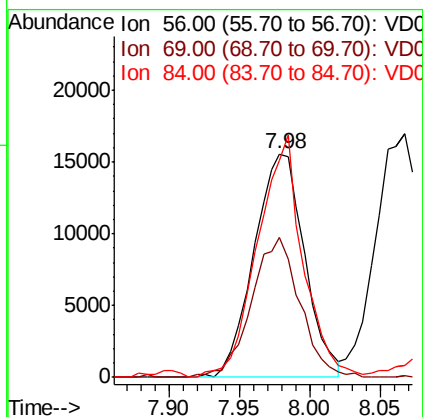
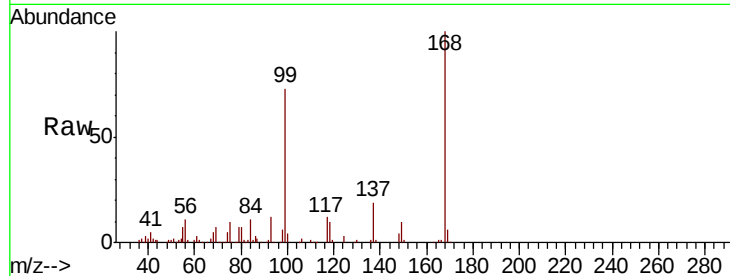




#31
Cyclohexane
Concen: 9.095 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066536.D
Acq: 03 Sep 2020 14:35

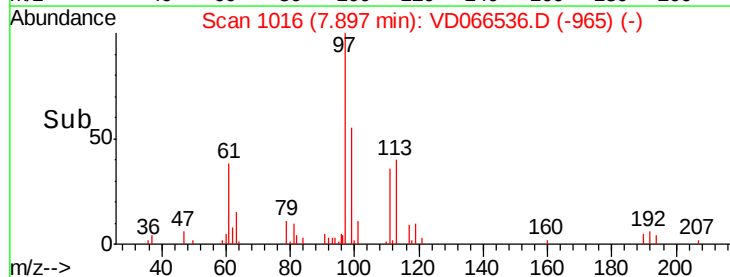
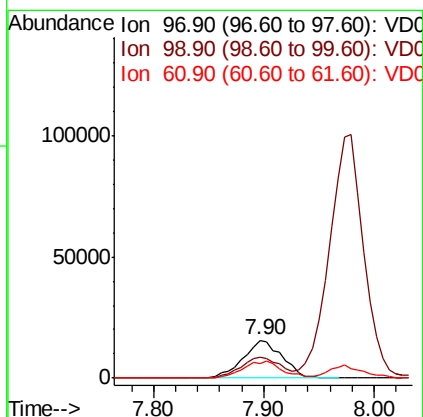
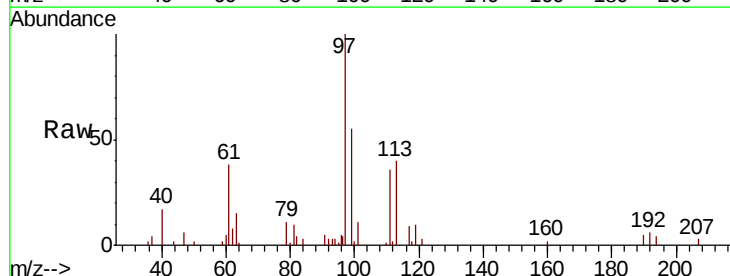
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

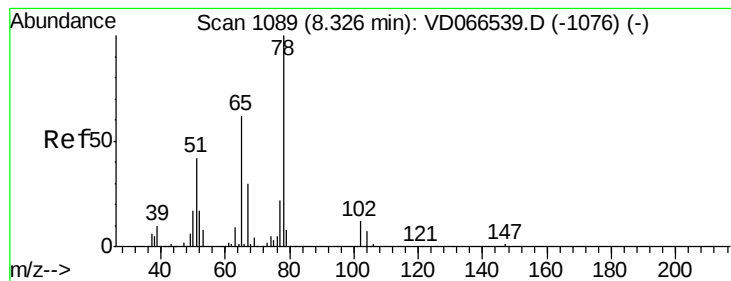
Tot Ion: 56 Resp: 38946
Ion Ratio Lower Upper
56 100
69 62.8 26.3 39.5#
84 97.2 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 6.148 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VD066536.D
Acq: 03 Sep 2020 14:35

Tgt Ion: 97 Resp: 39147
Ion Ratio Lower Upper
97 100
99 55.2 51.4 77.0
61 44.5 37.4 56.0





#33

1,2-Dichloroethane-d4

Concen: 6.101 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

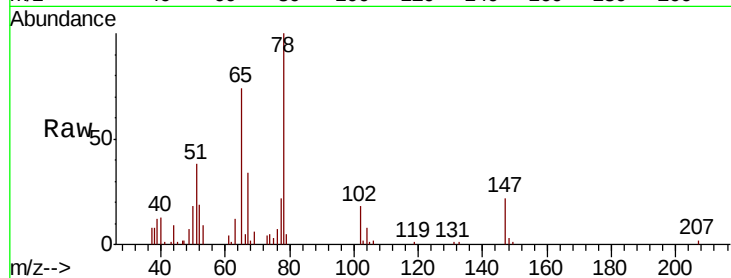
VSTDIC005

Tot Ion: 65 Resp: 21926

Ion Ratio Lower Upper

65 100

67 61.2 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

12000

10000

8000

6000

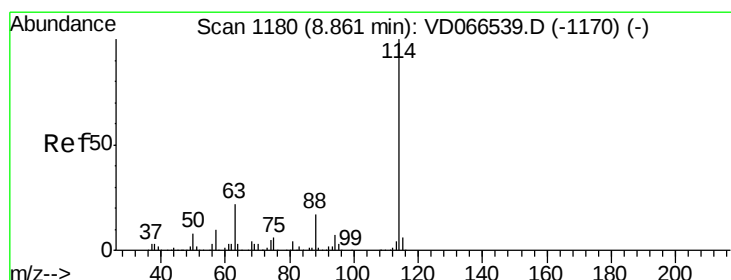
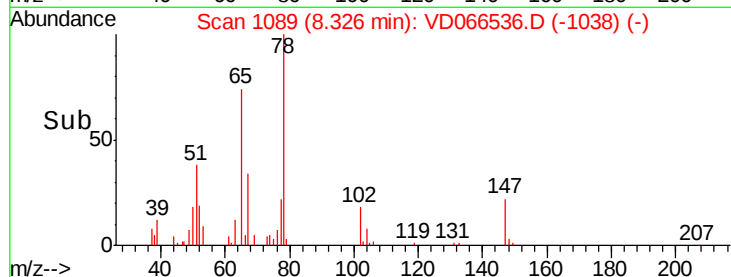
4000

2000

0

8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

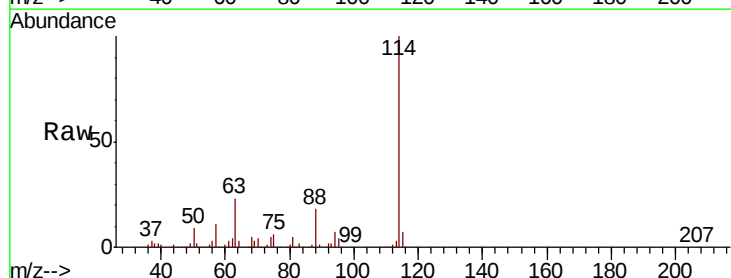
Tgt Ion: 114 Resp: 574721

Ion Ratio Lower Upper

114 100

63 22.8 0.0 43.2

88 18.2 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.86

300000

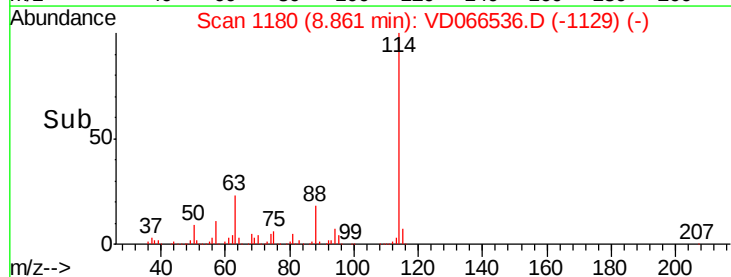
200000

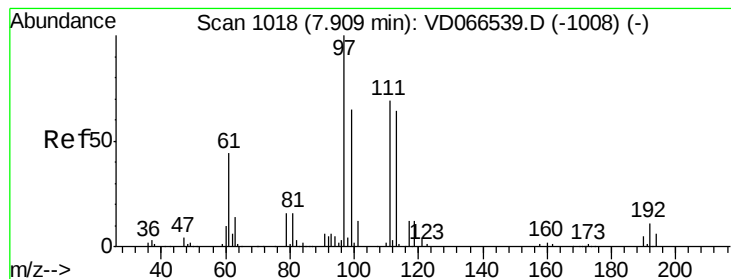
100000

0

8.80 8.90 9.00

Time-->





#35

Dibromofluoromethane

Concen: 6.087 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

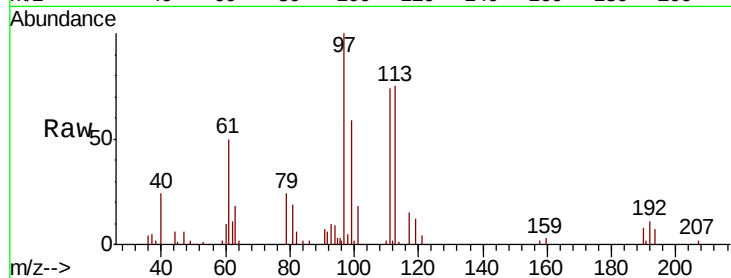
Tot Ion:113 Resp: 20926

Ion Ratio Lower Upper

113 100

111 96.4 83.2 124.8

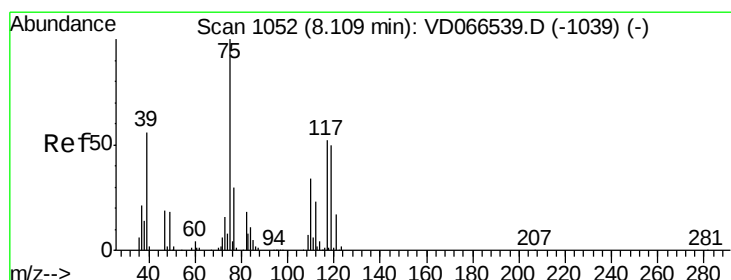
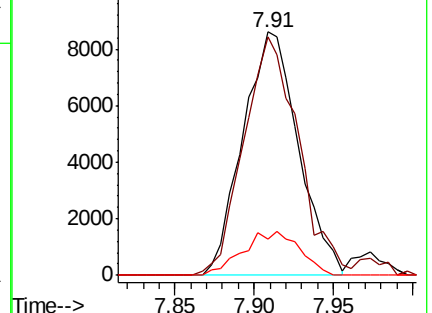
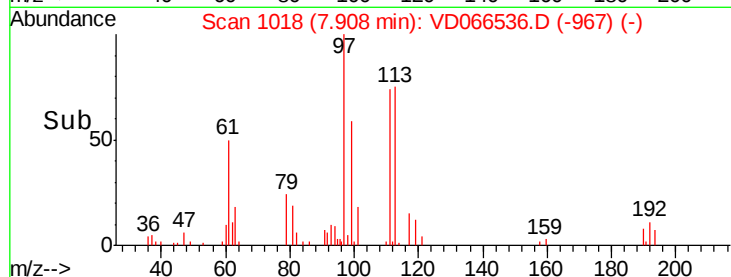
192 18.4 13.7 20.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.639 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

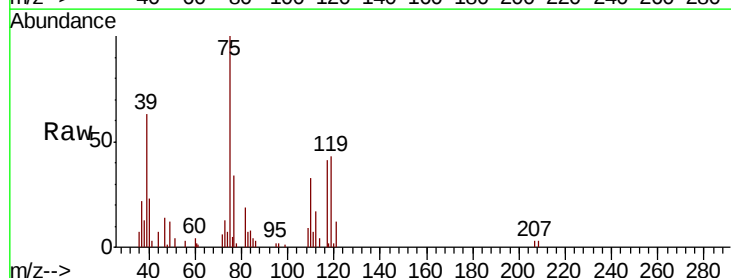
Tgt Ion: 75 Resp: 29053

Ion Ratio Lower Upper

75 100

110 35.1 17.3 52.0

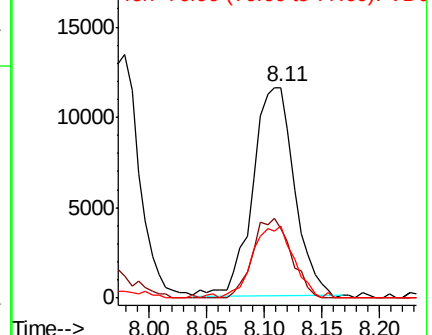
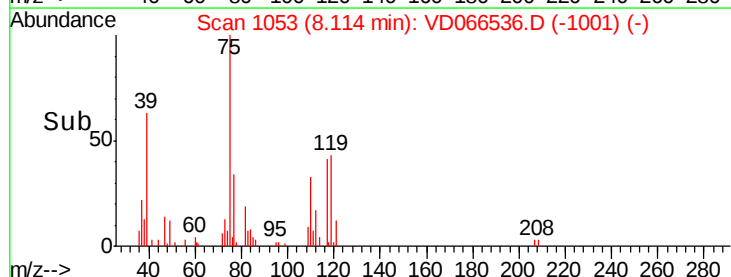
77 34.4 25.1 37.7

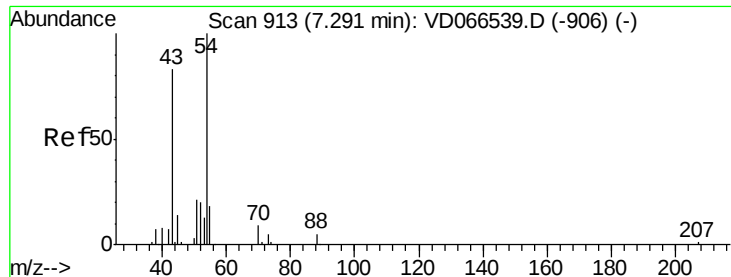


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

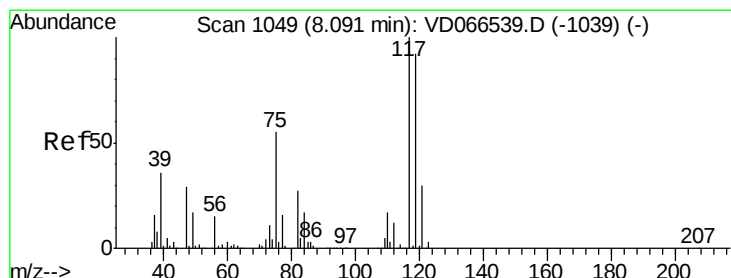
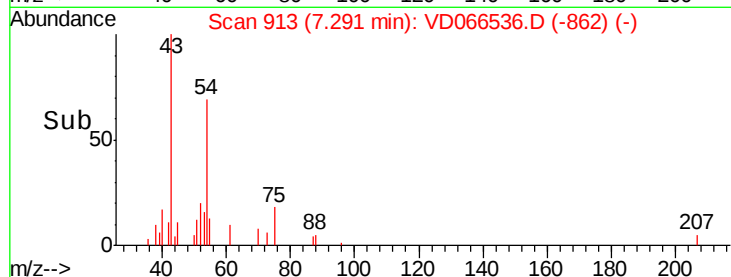
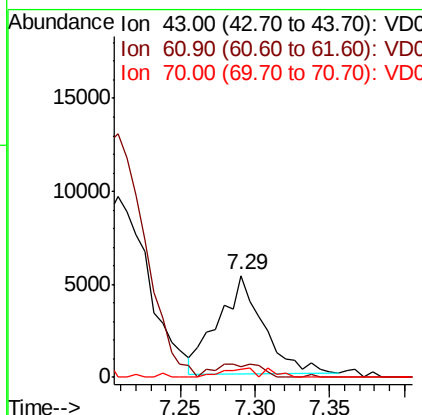
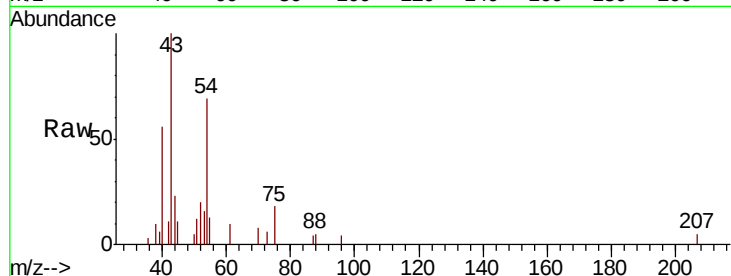




#37
Ethyl Acetate
Concen: 6.680 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066536.D
Acq: 03 Sep 2020 14:35

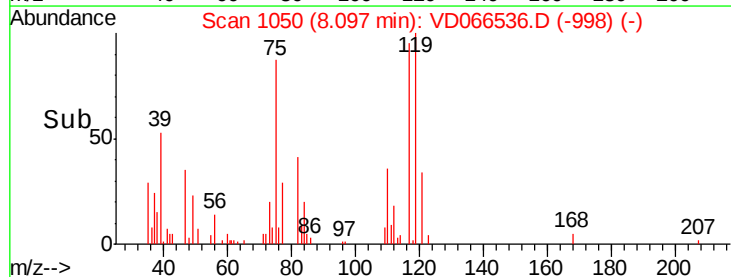
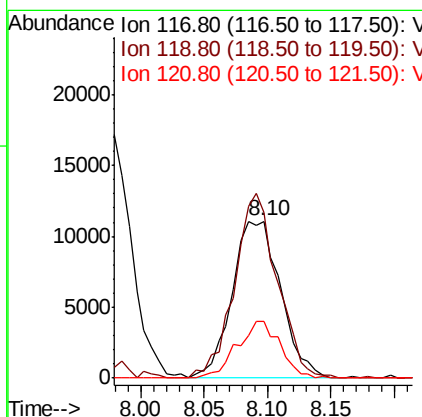
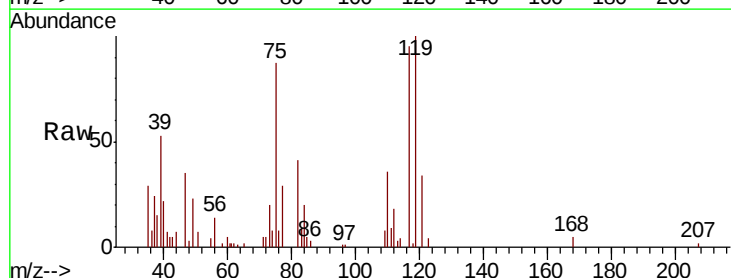
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

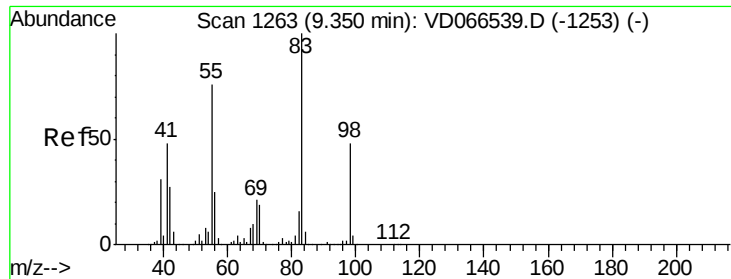
Tot Ion: 43 Resp: 11064
Ion Ratio Lower Upper
43 100
61 14.5 11.8 17.8
70 6.5 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 3.997 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066536.D
Acq: 03 Sep 2020 14:35

Tgt Ion: 117 Resp: 29447
Ion Ratio Lower Upper
117 100
119 105.6 73.9 110.9
121 36.1 24.1 36.1

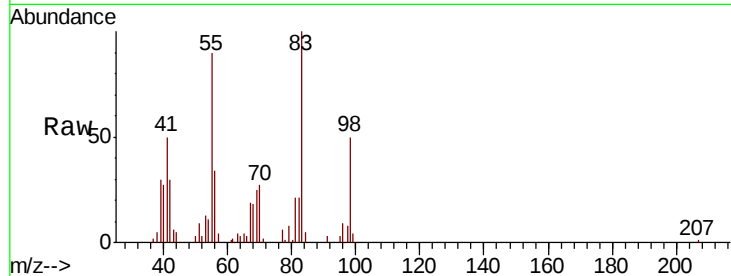




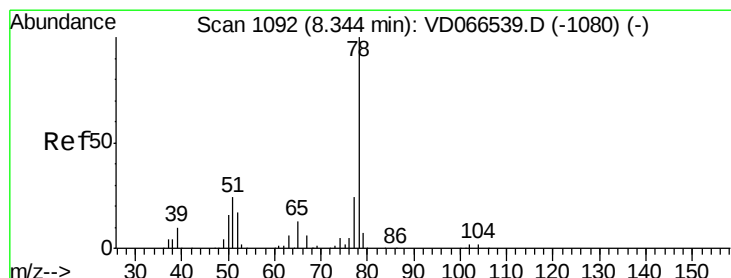
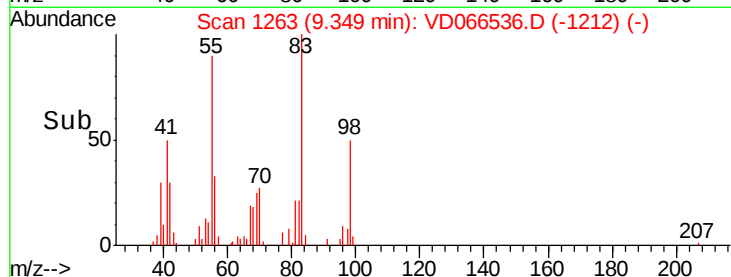
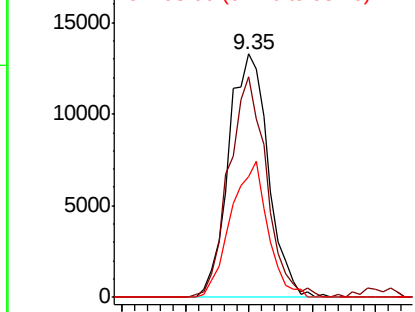
#39
Methvlcvclohexane
Concen: 4.762 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066536.D
Acq: 03 Sep 2020 14:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion: 83 Resp: 28783
Ion Ratio Lower Upper
83 100
55 90.3 60.8 91.2
98 49.8 38.6 58.0

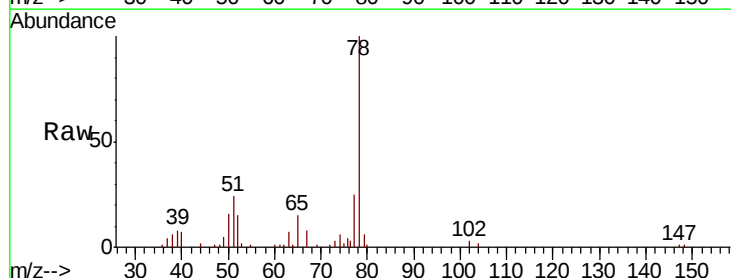


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

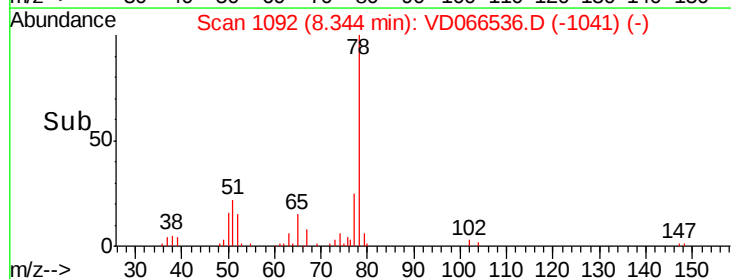
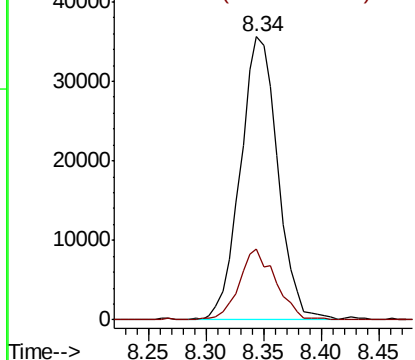


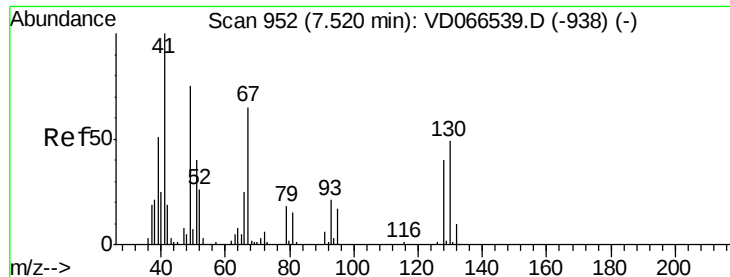
#40
Benzene
Concen: 5.982 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066536.D
Acq: 03 Sep 2020 14:35

Tgt Ion: 78 Resp: 80218
Ion Ratio Lower Upper
78 100
77 25.0 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC

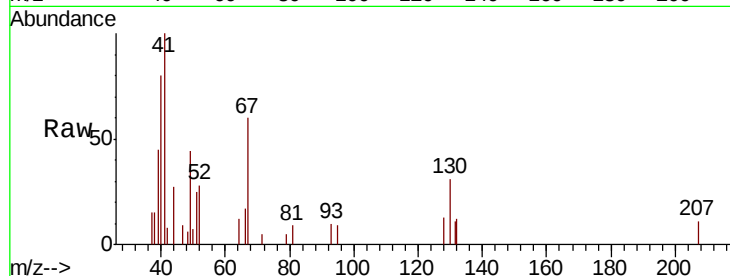




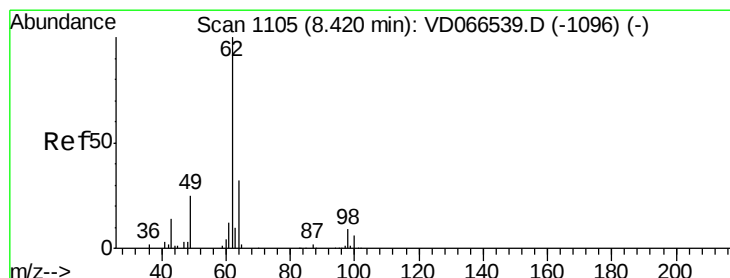
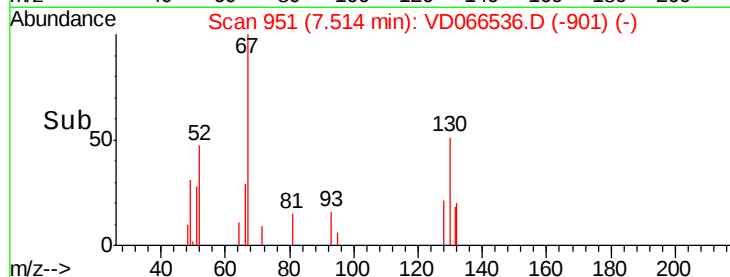
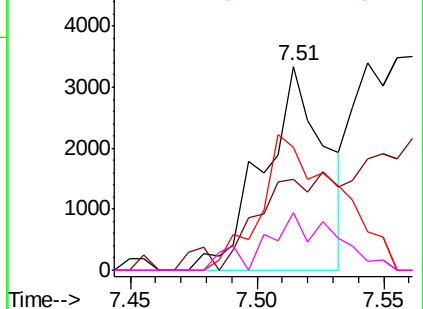
#41
Methacrylonitrile
Concen: 6.386 ug/l
RT: 7.51 min Scan# 951
Delta R.T. -0.01 min
Lab File: VD066536.D
Acq: 03 Sep 2020 14:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion: 41 Resp: 5626
Ion Ratio Lower Upper
41 100
39 39.8 53.6 80.4#
67 83.3 59.2 88.8
52 28.3 26.8 40.2

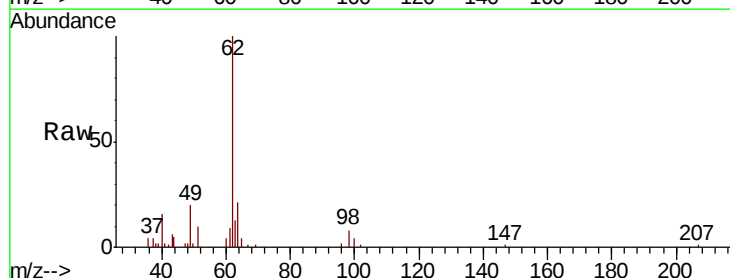


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

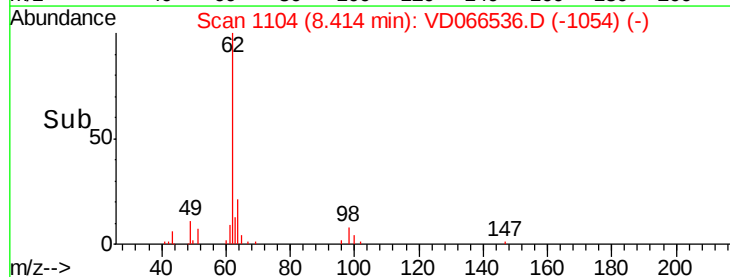
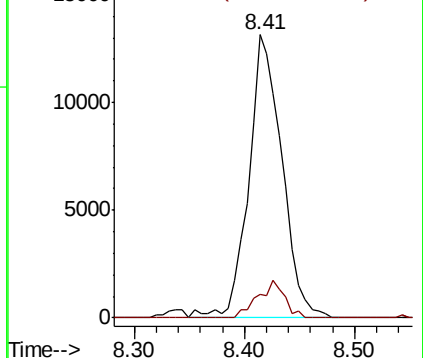


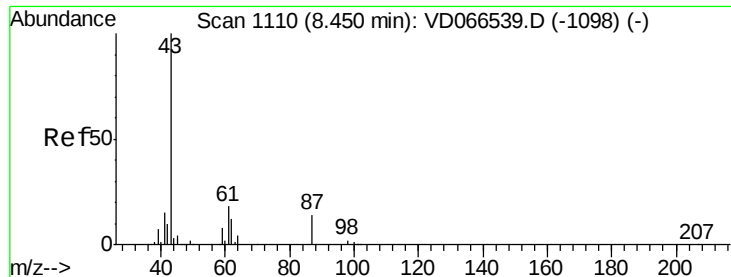
#42
1,2-Dichloroethane
Concen: 5.114 ug/l
RT: 8.41 min Scan# 1104
Delta R.T. -0.01 min
Lab File: VD066536.D
Acq: 03 Sep 2020 14:35

Tgt Ion: 62 Resp: 27648
Ion Ratio Lower Upper
62 100
98 10.6 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 6.359 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

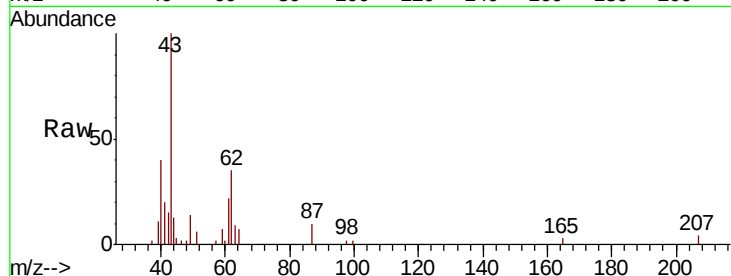
Tot Ion: 43 Resp: 21482

Ion Ratio Lower Upper

43 100

61 0.0 23.8 35.8#

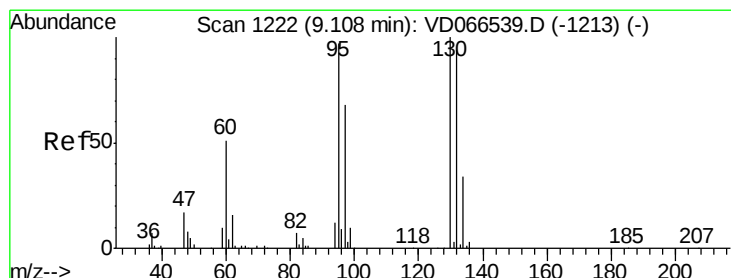
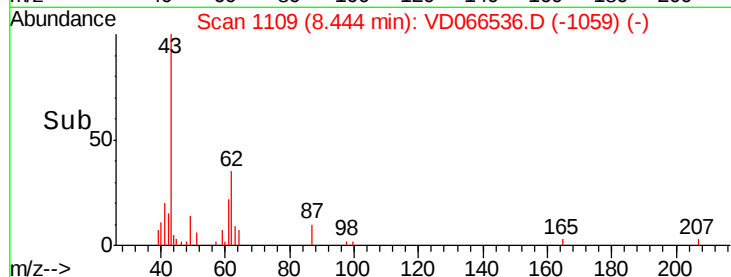
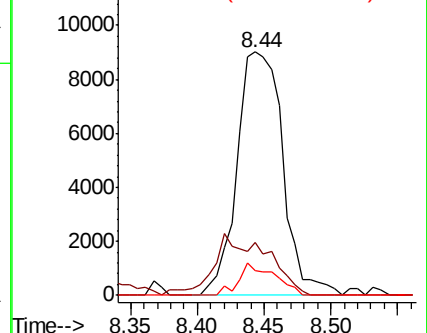
87 10.2 10.7 16.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 4.956 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.01 min

Lab File: VD066536.D

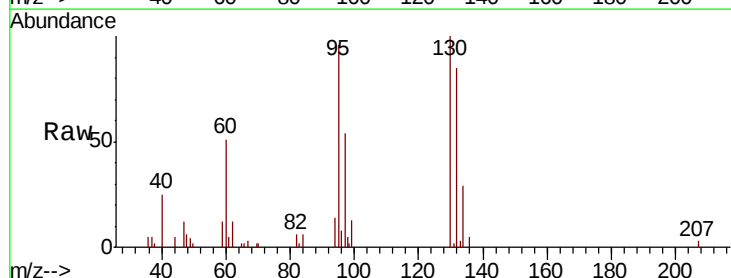
Acq: 03 Sep 2020 14:35

Tgt Ion: 130 Resp: 21853

Ion Ratio Lower Upper

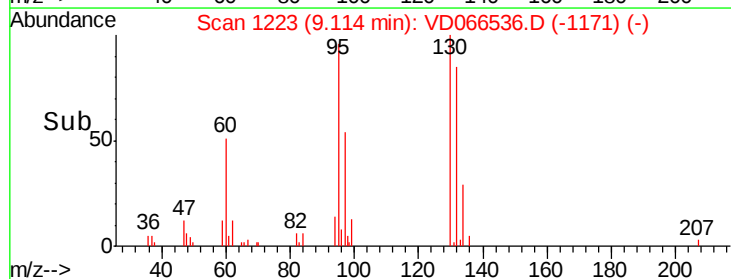
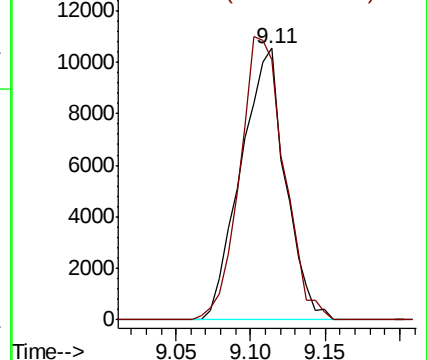
130 100

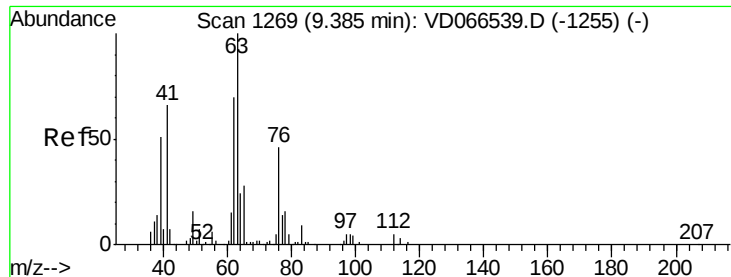
95 95.7 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 7.118 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

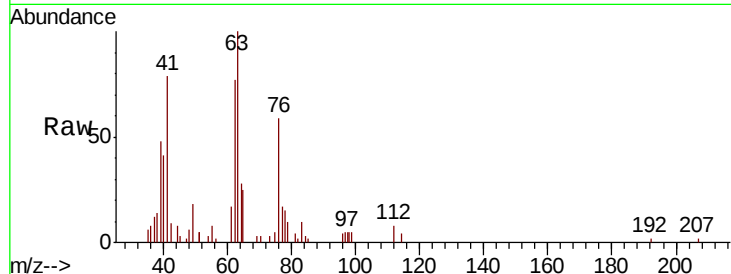
VSTDIC005

Tot Ion: 63 Resp: 19973

Ion Ratio Lower Upper

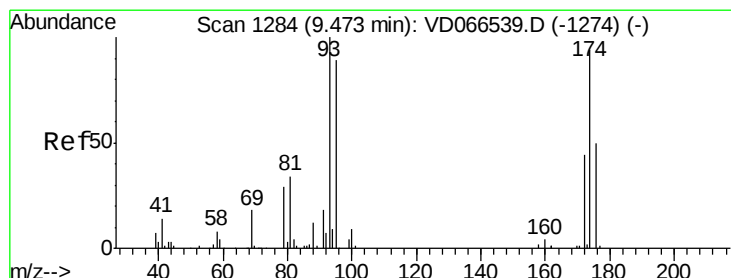
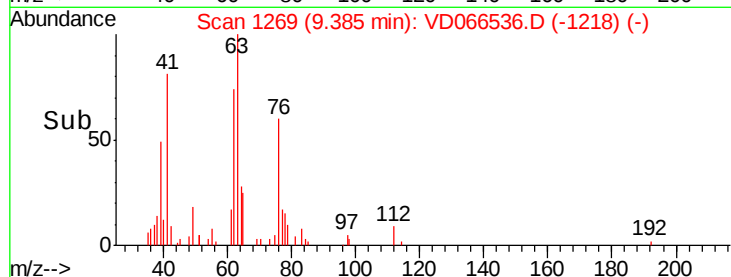
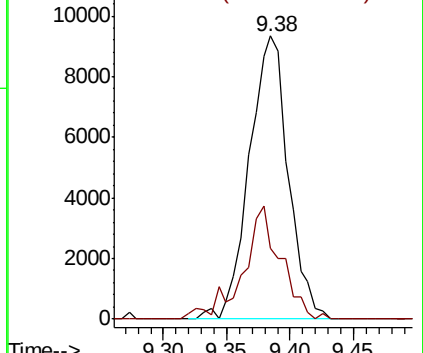
63 100

65 24.9 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 5.665 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

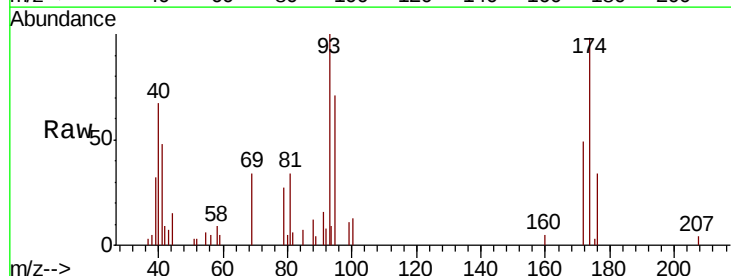
Tgt Ion: 93 Resp: 10916

Ion Ratio Lower Upper

93 100

95 83.6 68.7 103.1

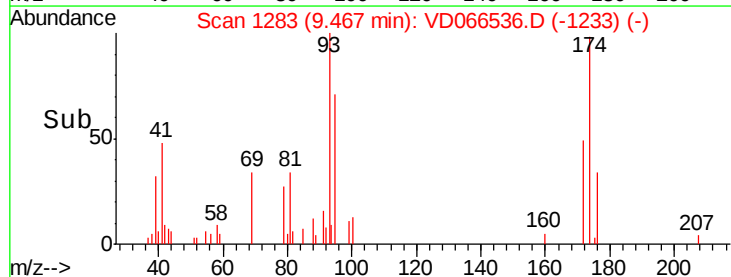
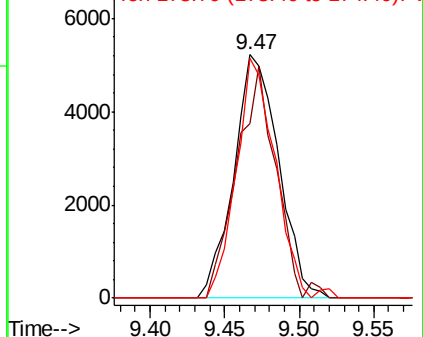
174 84.6 70.0 105.0

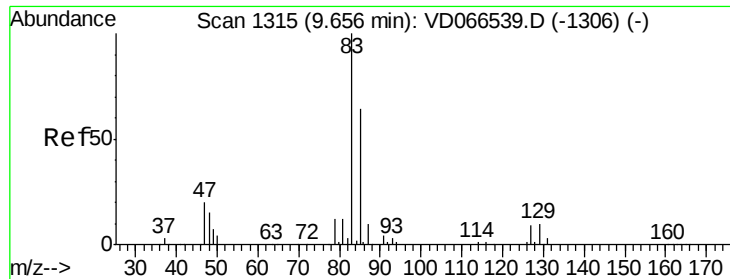


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 5.377 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

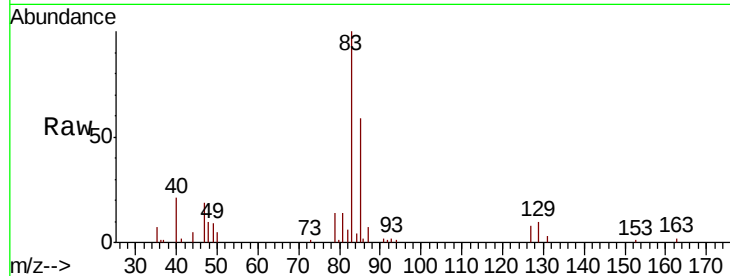
Tot Ion: 83 Resp: 30329

Ion Ratio Lower Upper

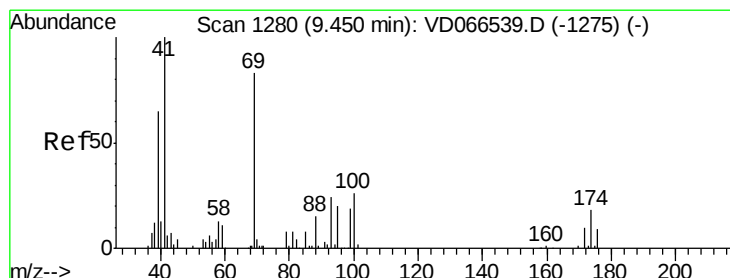
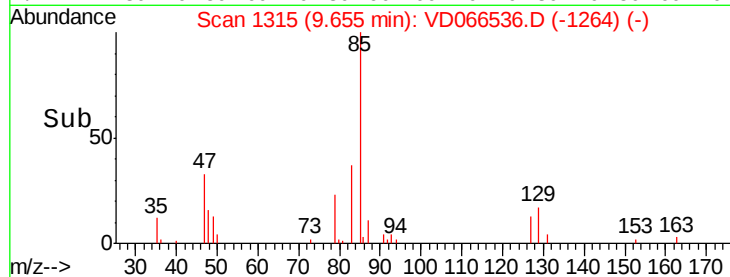
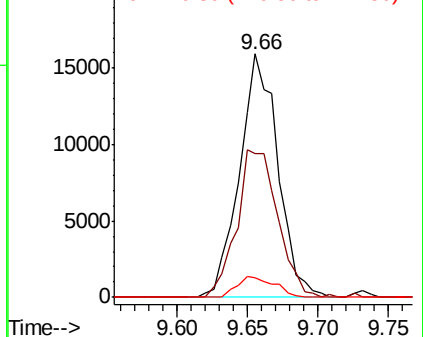
83 100

85 59.1 51.1 76.7

127 7.9 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 6.326 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

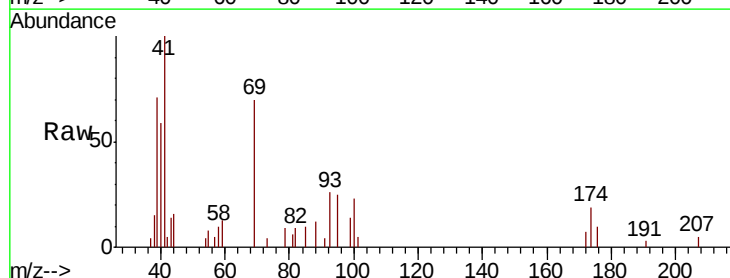
Tgt Ion: 41 Resp: 10905

Ion Ratio Lower Upper

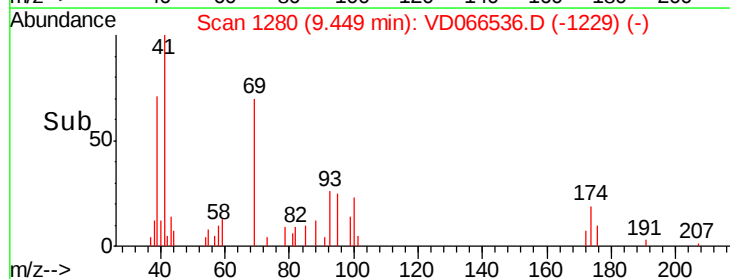
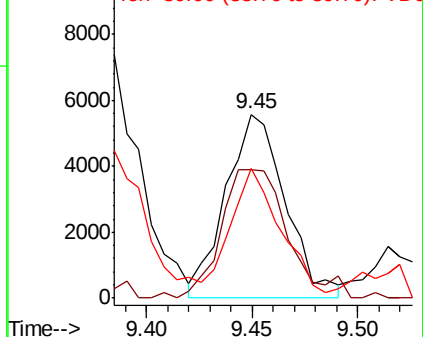
41 100

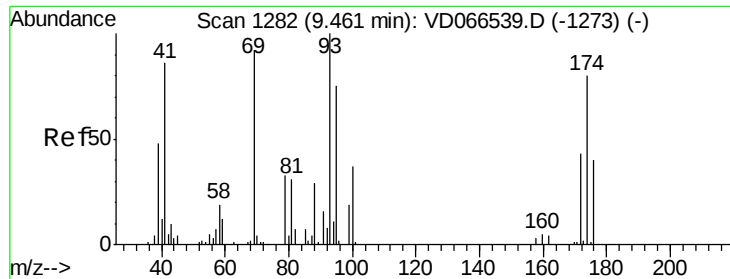
69 78.1 64.5 96.7

39 54.6 46.6 69.8



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 99.956 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

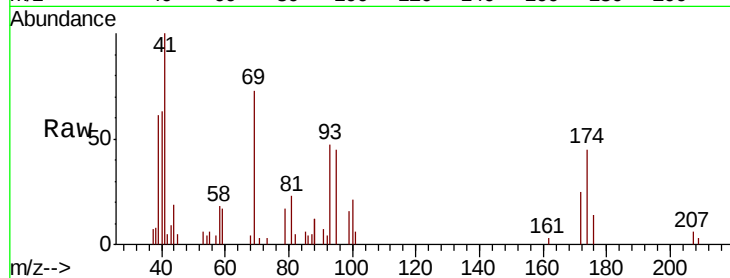
Tot Ion: 88 Resp: 2229

Ion Ratio Lower Upper

88 100

43 48.0 28.3 42.5#

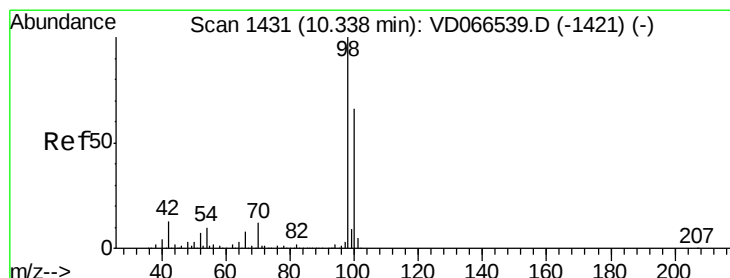
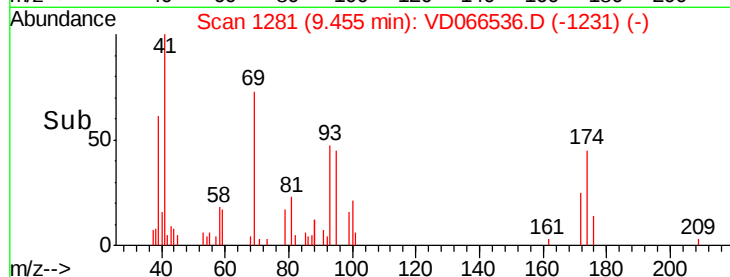
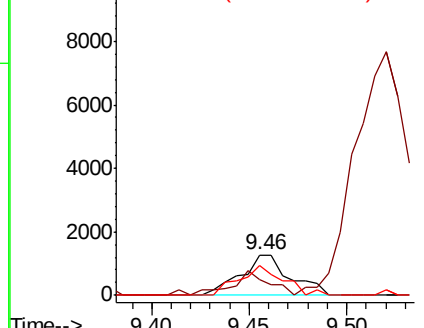
58 65.8 56.1 84.1



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 5.337 ug/l

RT: 10.33 min Scan# 1430

Delta R.T. -0.01 min

Lab File: VD066536.D

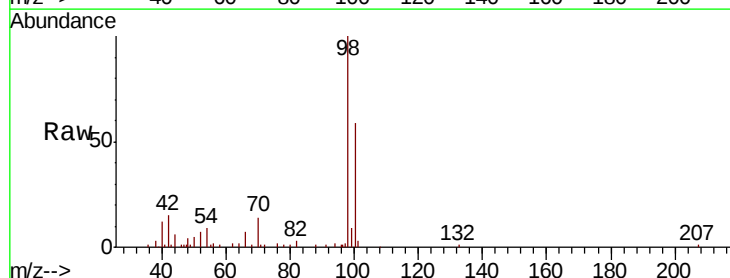
Acq: 03 Sep 2020 14:35

Tgt Ion: 98 Resp: 68506

Ion Ratio Lower Upper

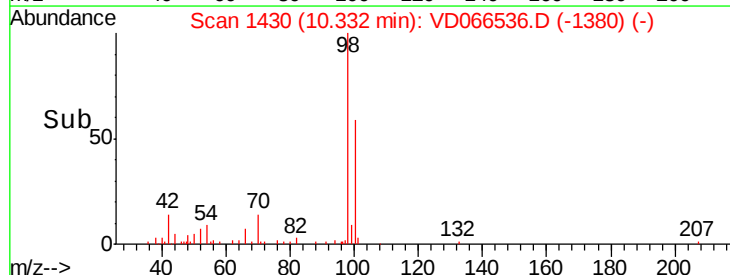
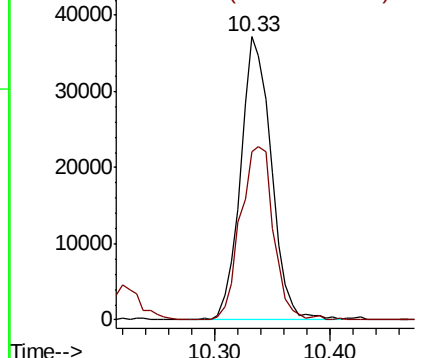
98 100

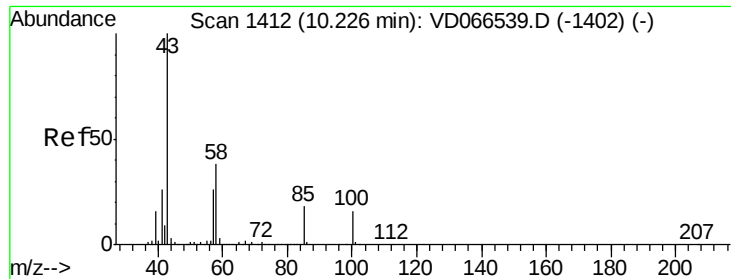
100 66.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 32.630 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

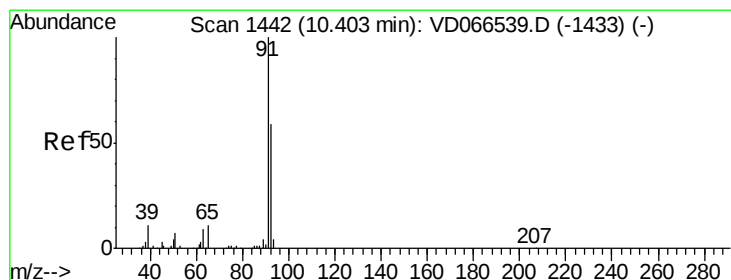
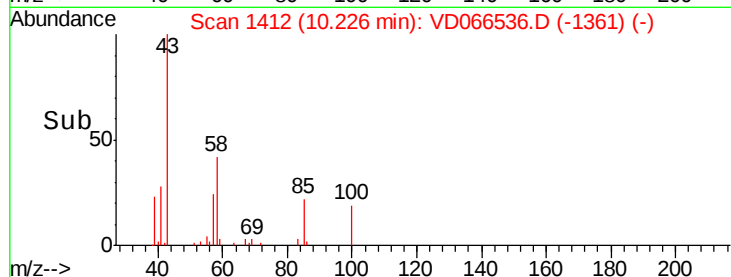
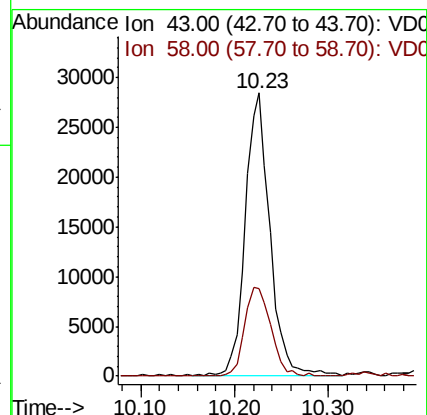
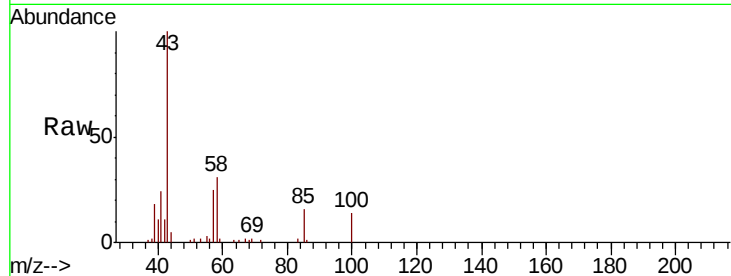
VSTDIC005

Tot Ion: 43 Resp: 51704

Ion Ratio Lower Upper

43 100

58 33.5 30.5 45.7



#52

Toluene

Concen: 5.167 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066536.D

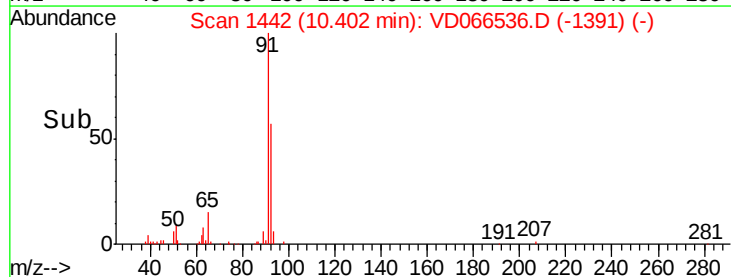
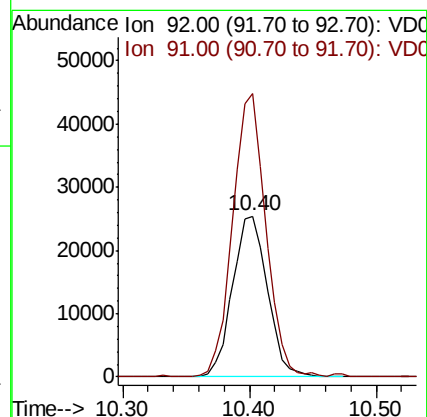
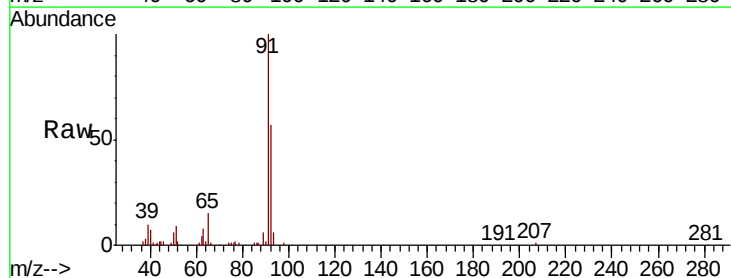
Acq: 03 Sep 2020 14:35

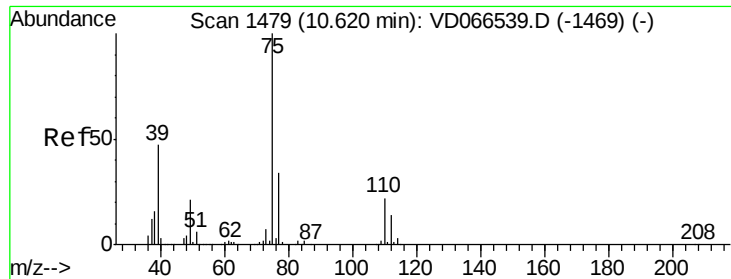
Tgt Ion: 92 Resp: 48334

Ion Ratio Lower Upper

92 100

91 168.0 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 4.866 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

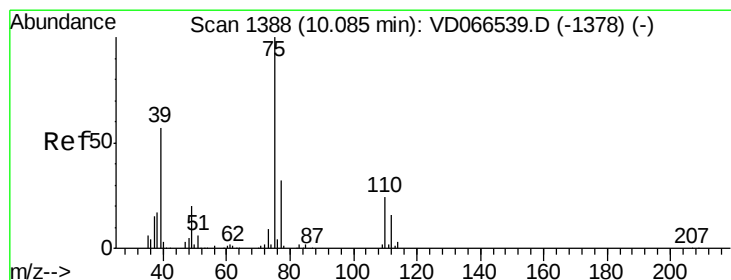
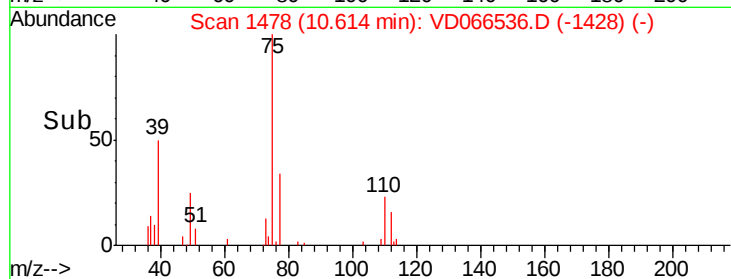
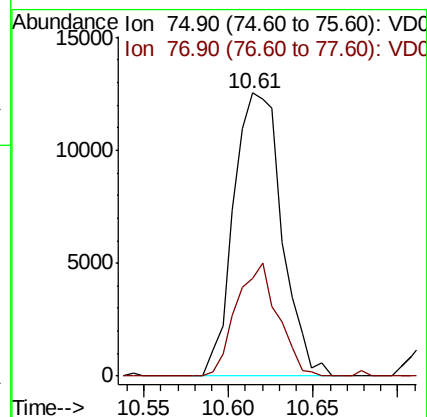
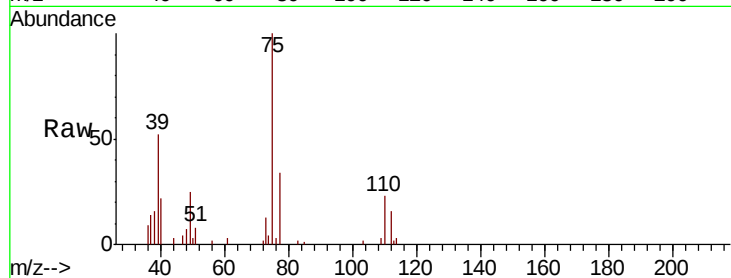
VSTDIC005

Tot Ion: 75 Resp: 24919

Ion Ratio Lower Upper

75 100

77 34.3 27.4 41.2



#54

cis-1,3-Dichloropropene

Concen: 5.418 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

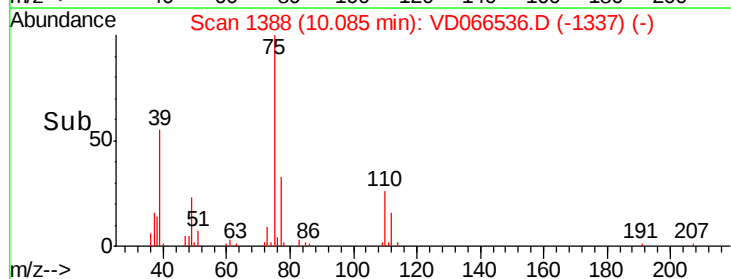
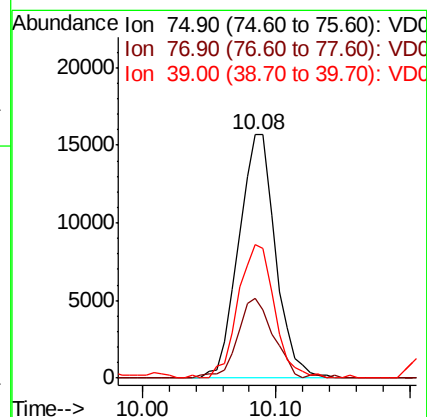
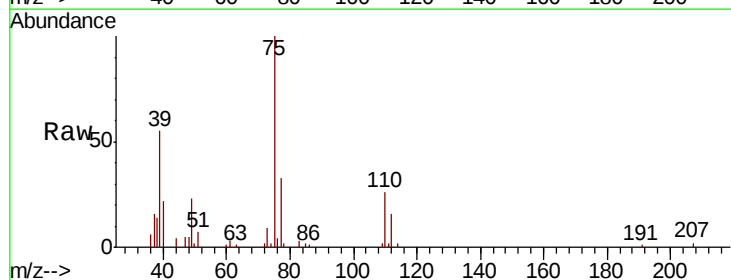
Tgt Ion: 75 Resp: 29949

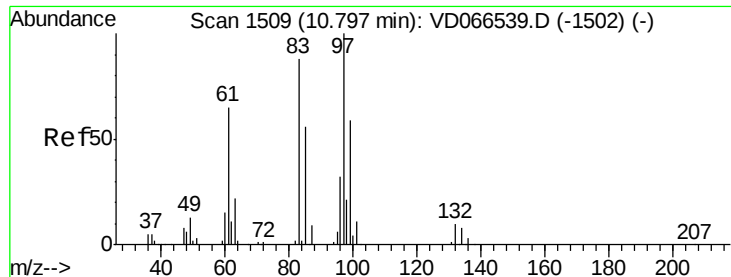
Ion Ratio Lower Upper

75 100

77 32.9 25.4 38.0

39 55.0 45.4 68.0





#55

1,1,2-Trichloroethane

Concen: 5.835 ug/l

RT: 10.79 min Scan# 1508

Delta R.T. -0.01 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tot Ion: 97 Resp: 14234

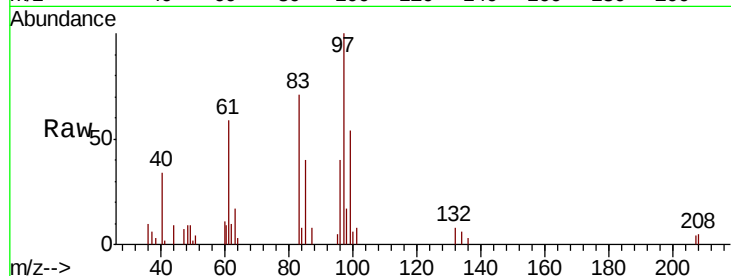
Ion Ratio Lower Upper

97 100

83 71.5 70.1 105.1

85 39.9 44.5 66.7#

99 53.8 47.1 70.7

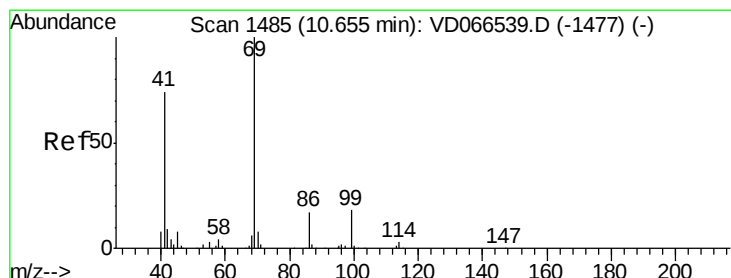
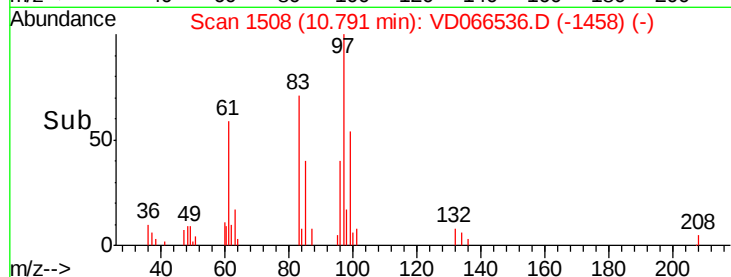
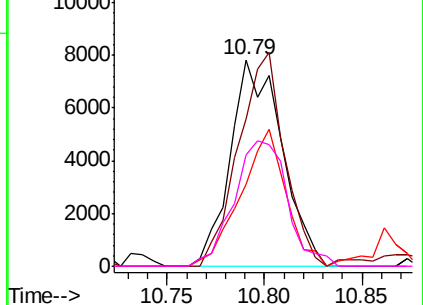


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 4.776 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

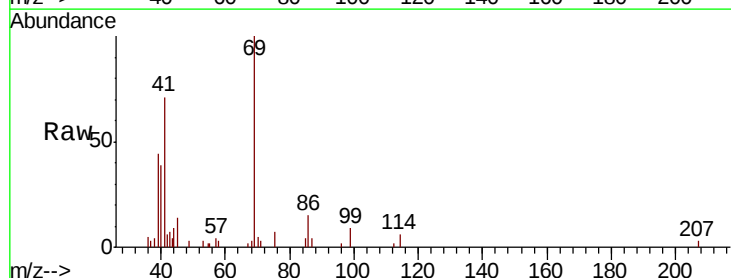
Tgt Ion: 69 Resp: 13900

Ion Ratio Lower Upper

69 100

41 77.4 56.8 85.2

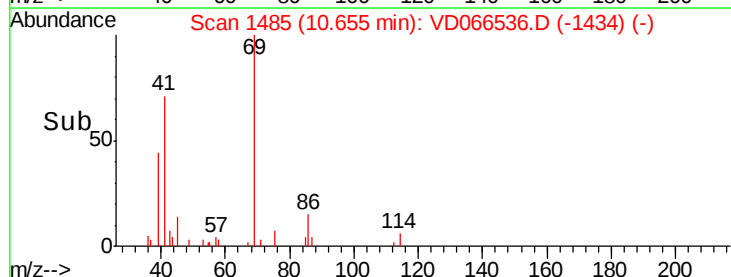
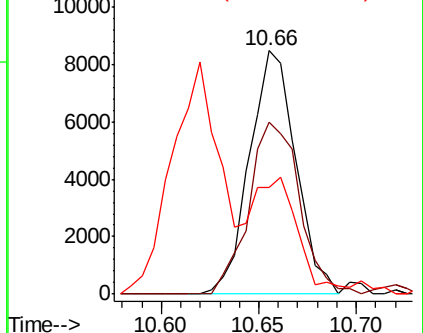
39 39.7 30.6 46.0

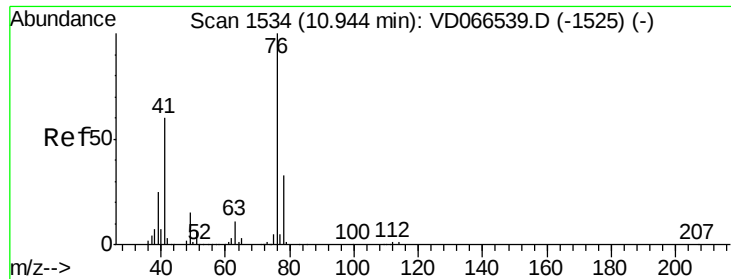


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

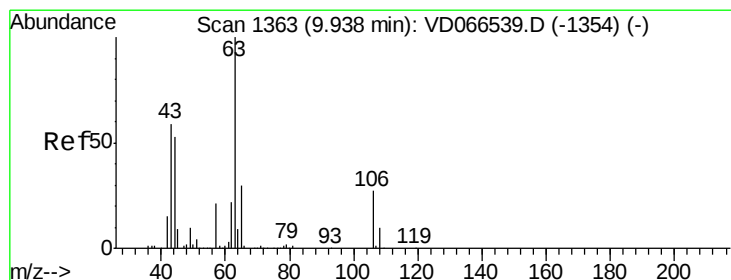
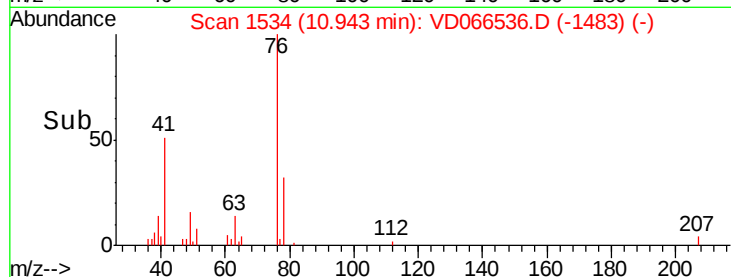
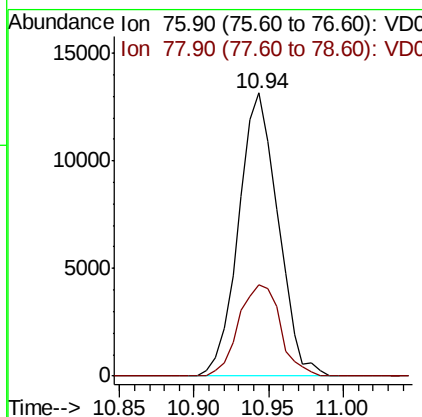
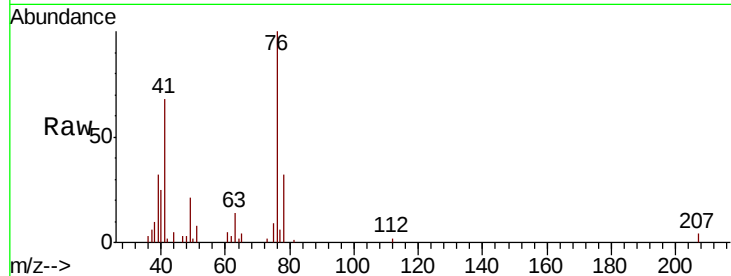




#57
 1,3-Dichloropropane
 Concen: 5.876 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066536.D
 Acq: 03 Sep 2020 14:35

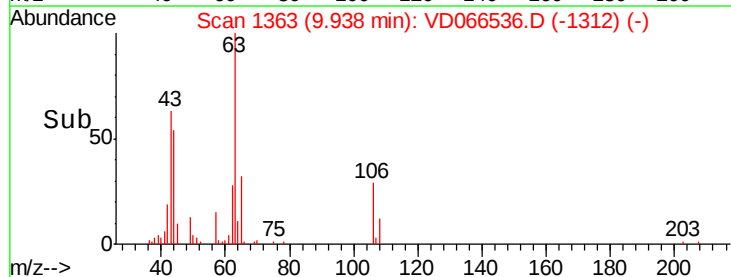
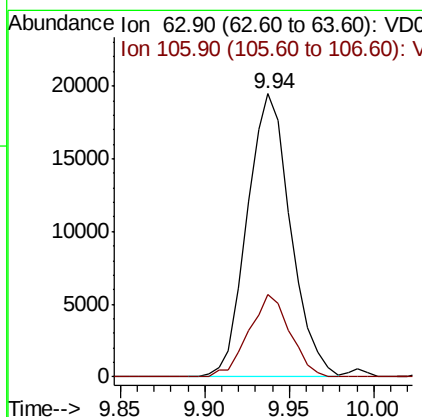
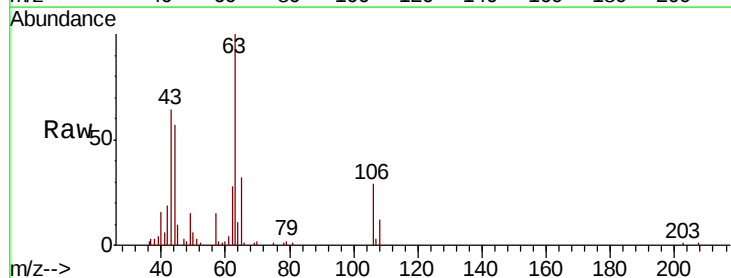
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

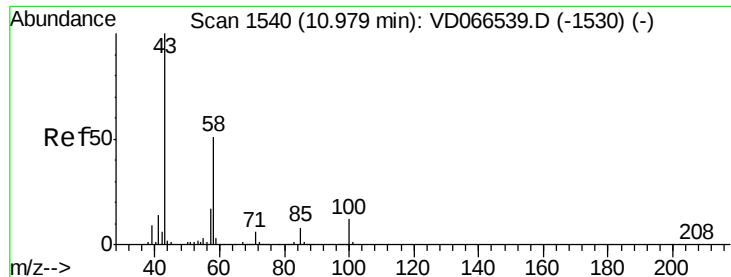
Tot Ion: 76 Resp: 24058
 Ion Ratio Lower Upper
 76 100
 78 34.2 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 29.699 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066536.D
 Acq: 03 Sep 2020 14:35

Tgt Ion: 63 Resp: 34808
 Ion Ratio Lower Upper
 63 100
 106 27.6 22.0 33.0

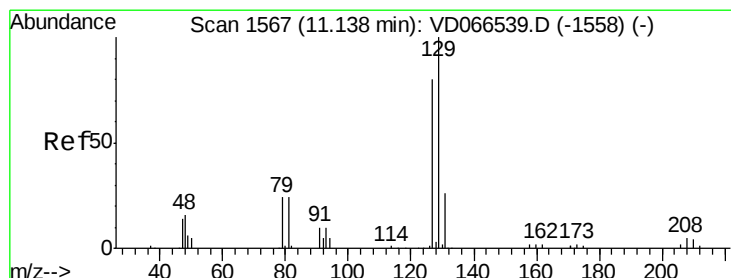
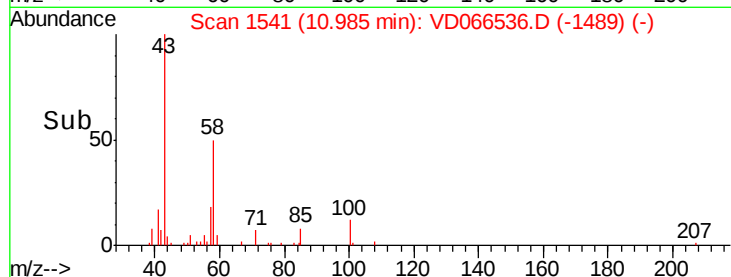
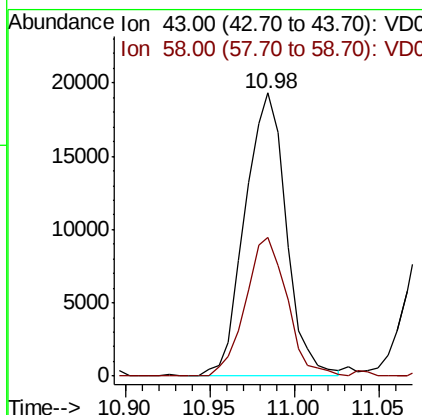
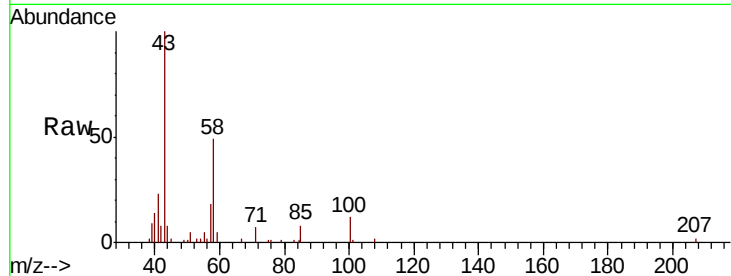




#59
2-Hexanone
Concen: 28.881 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VD066536.D
Acq: 03 Sep 2020 14:35

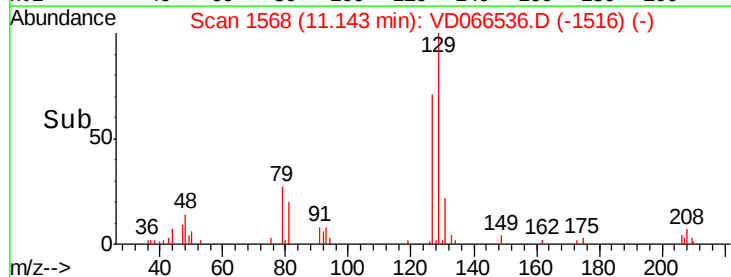
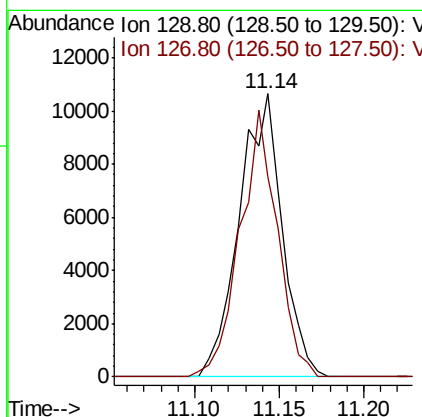
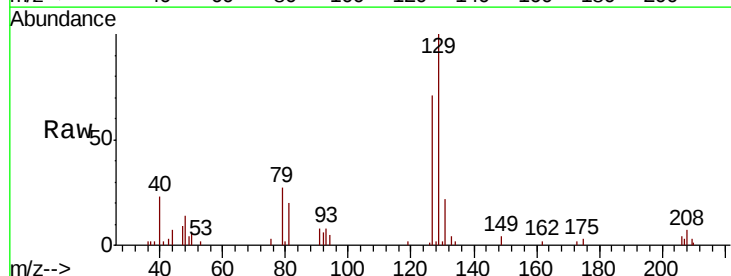
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

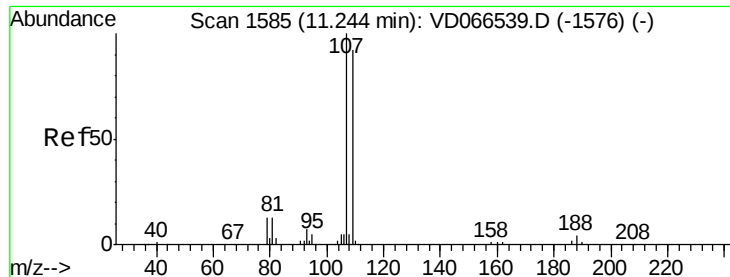
Tot Ion: 43 Resp: 32831
Ion Ratio Lower Upper
43 100
58 49.4 25.6 76.8



#60
Dibromochloromethane
Concen: 4.832 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VD066536.D
Acq: 03 Sep 2020 14:35

Tgt Ion: 129 Resp: 18784
Ion Ratio Lower Upper
129 100
127 82.0 39.5 118.3

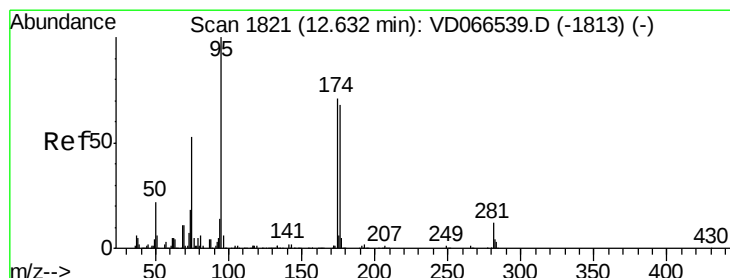
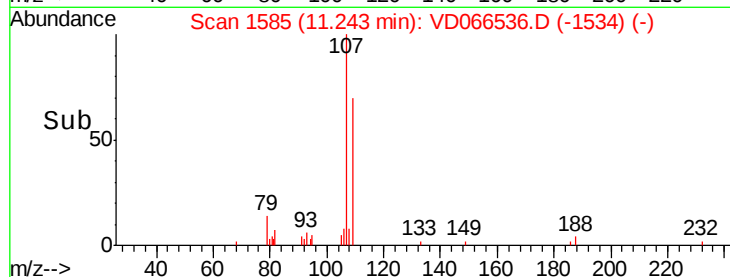
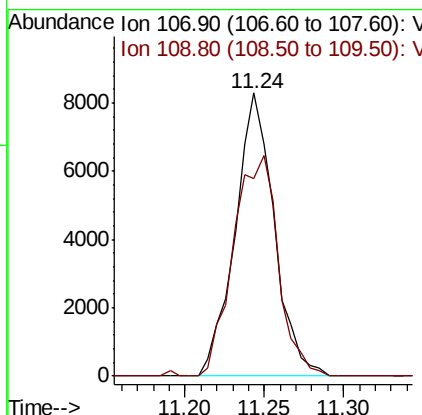
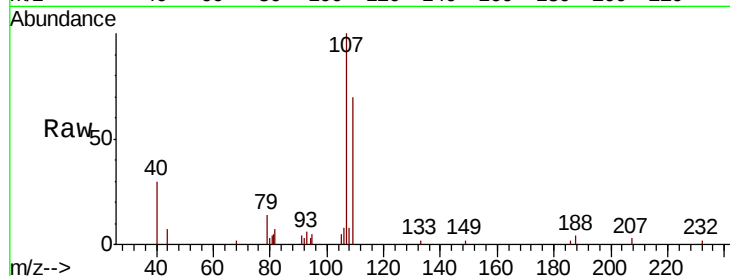




#61
 1,2-Dibromoethane
 Concen: 5.706 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066536.D
 Acq: 03 Sep 2020 14:35

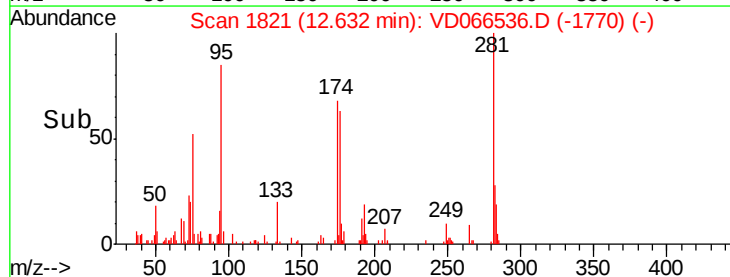
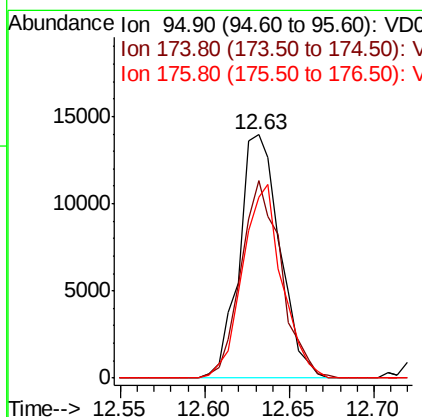
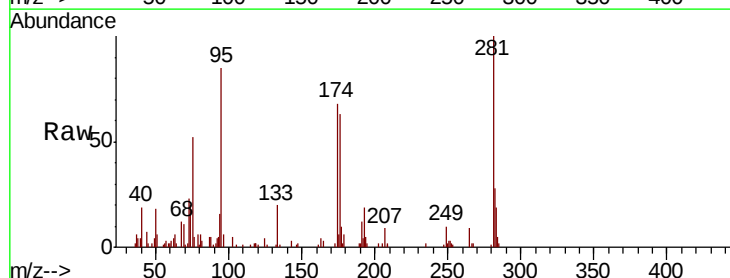
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

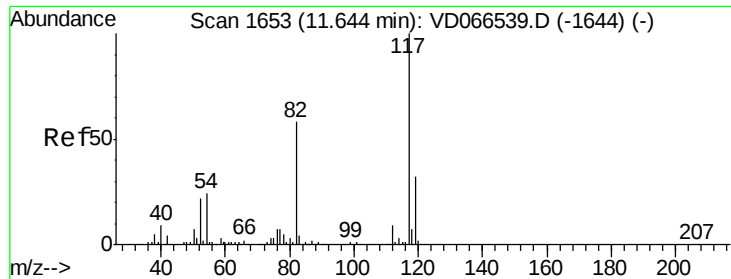
Tot Ion:107 Resp: 14210
 Ion Ratio Lower Upper
 107 100
 109 89.6 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 5.105 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066536.D
 Acq: 03 Sep 2020 14:35

Tgt Ion: 95 Resp: 23315
 Ion Ratio Lower Upper
 95 100
 174 80.5 0.0 155.8
 176 77.3 0.0 148.6

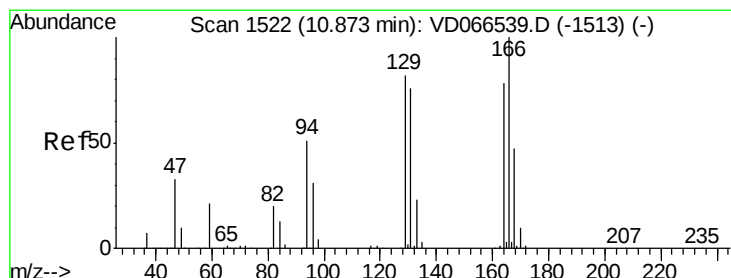
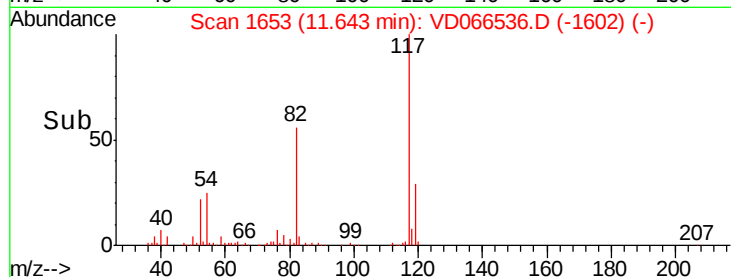
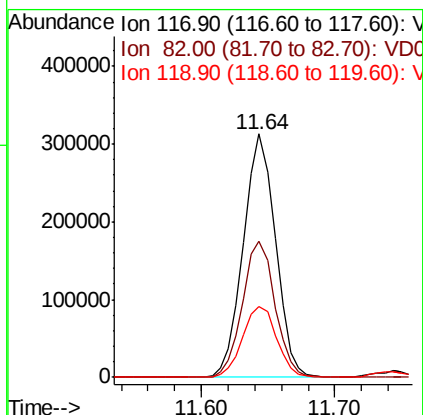
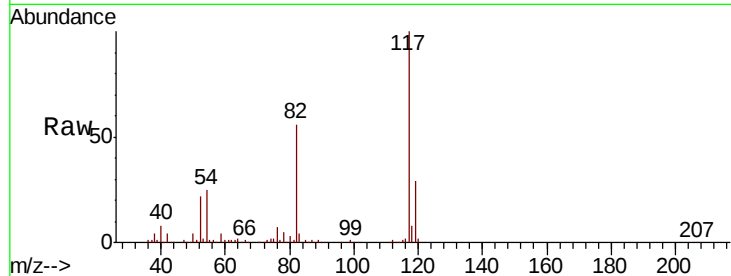




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066536.D
Acq: 03 Sep 2020 14:35

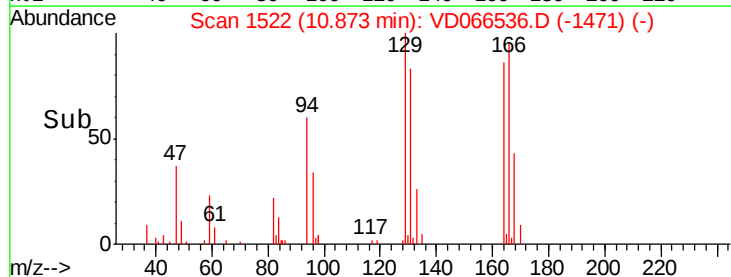
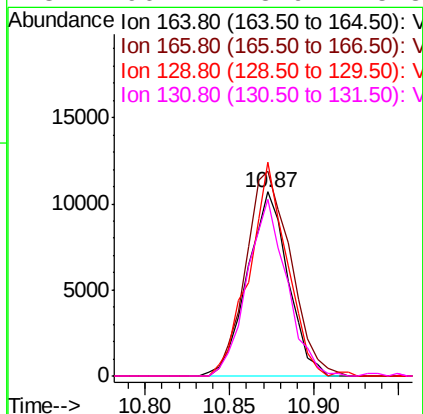
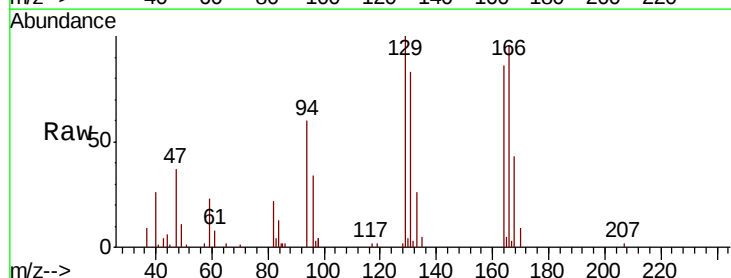
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

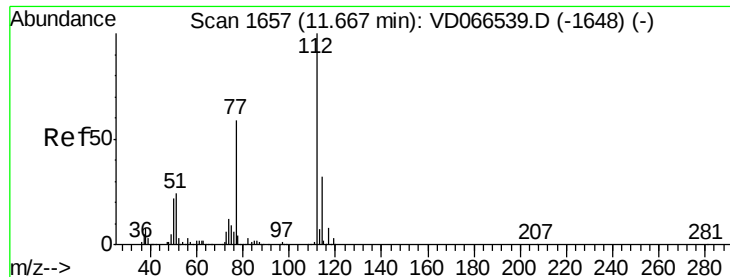
Tot Ion:117 Resp: 522509
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.2
119 29.1 25.8 38.8



#64
Tetrachloroethene
Concen: 4.528 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066536.D
Acq: 03 Sep 2020 14:35

Tgt Ion:164 Resp: 17909
Ion Ratio Lower Upper
164 100
166 111.7 103.2 154.8
129 116.2 84.5 126.7
131 96.4 78.9 118.3





#65

Chlorobenzene

Concen: 5.206 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.01 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

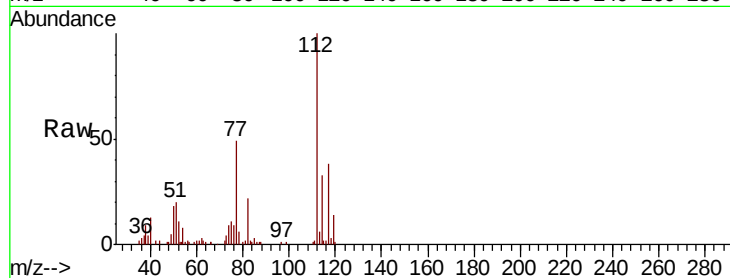
VSTDIC005

Tot Ion:112 Resp: 53442

Ion Ratio Lower Upper

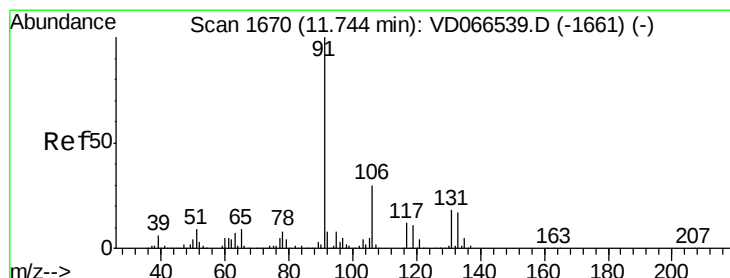
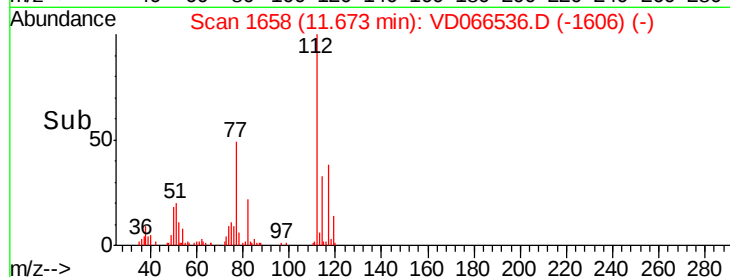
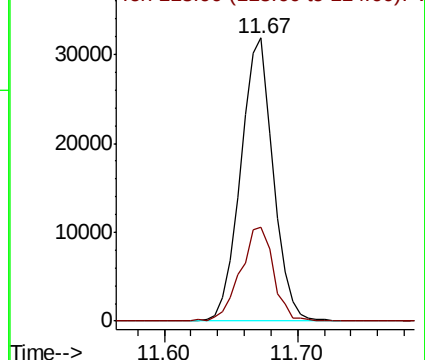
112 100

114 33.3 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 4.824 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

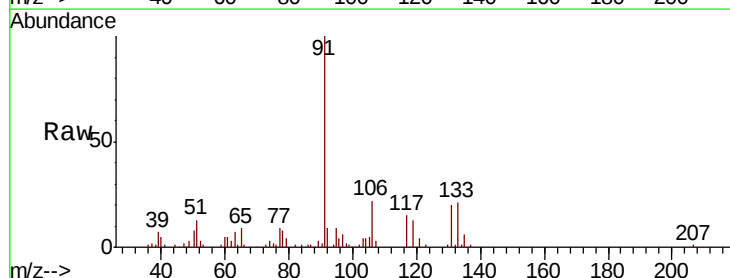
Tgt Ion:131 Resp: 20626

Ion Ratio Lower Upper

131 100

133 92.9 46.7 140.0

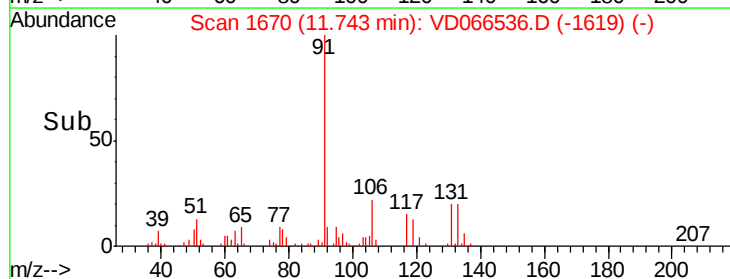
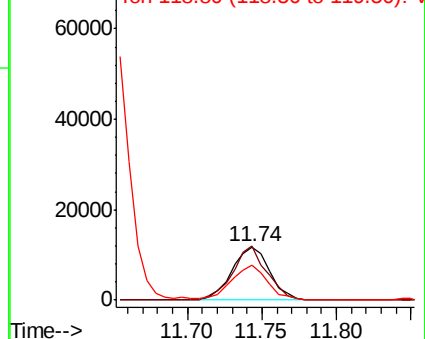
119 64.1 31.9 95.7

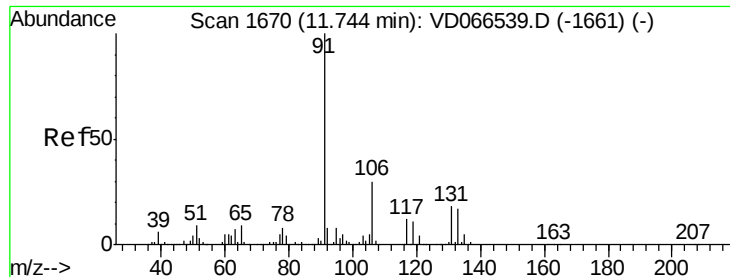


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 4.930 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

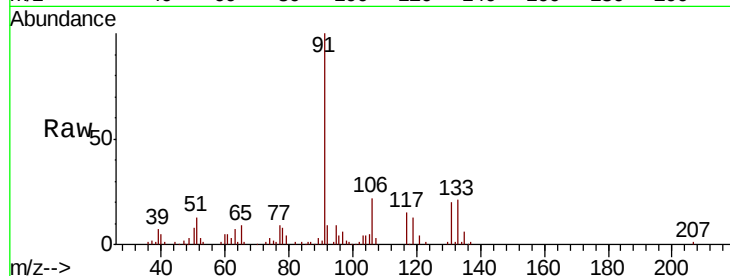
VSTDIC005

Tot Ion: 91 Resp: 90097

Ion Ratio Lower Upper

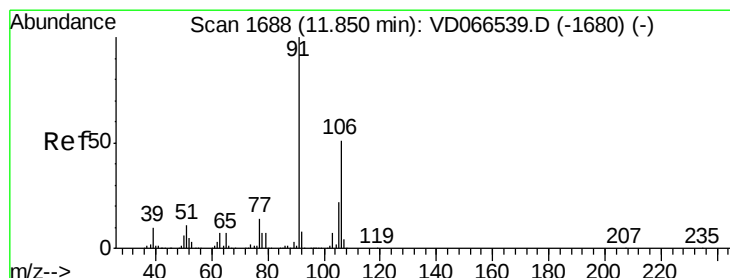
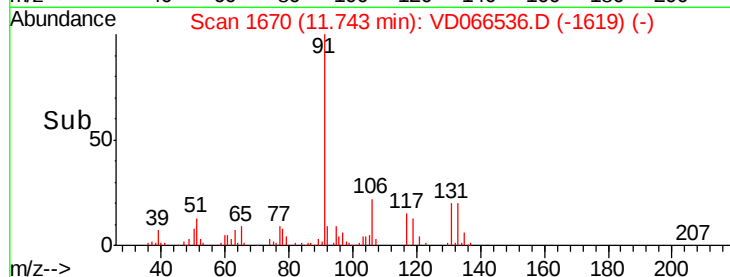
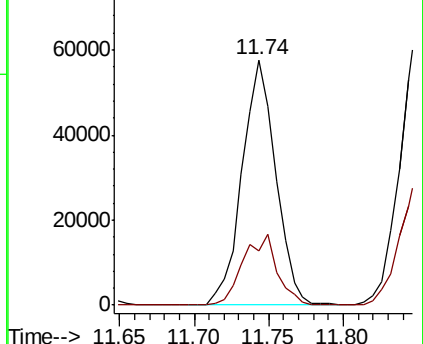
91 100

106 22.3 24.3 36.5#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 8.634 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VD066536.D

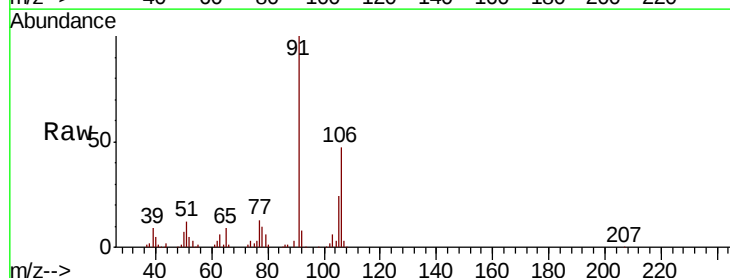
Acq: 03 Sep 2020 14:35

Tgt Ion: 106 Resp: 60949

Ion Ratio Lower Upper

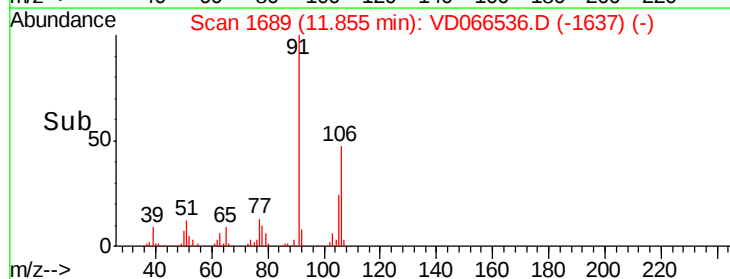
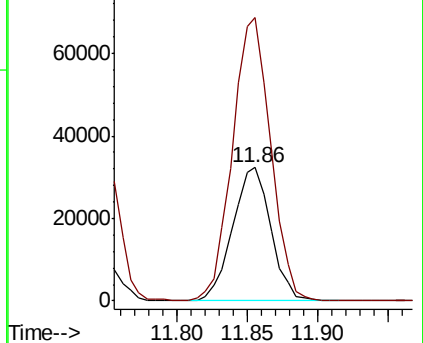
106 100

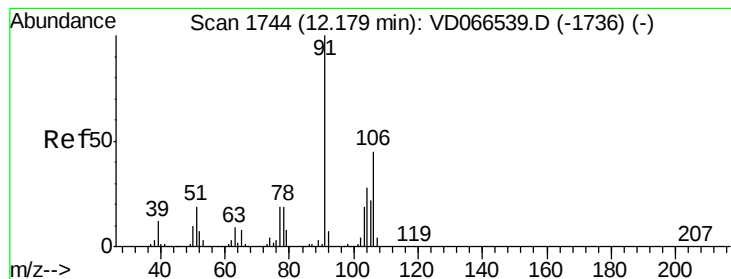
91 213.2 162.4 243.6



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#69

o-Xylene

Concen: 4.116 ug/l

RT: 12.18 min Scan# 1745

Delta R.T. 0.01 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

Instrument :

MSVOA_D

ClientSampleID :

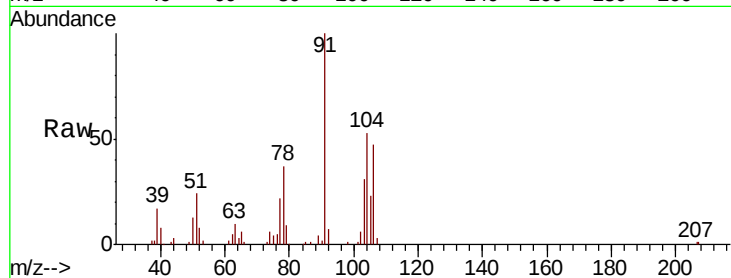
VSTDIC005

Tot Ion:106 Resp: 27351

Ion Ratio Lower Upper

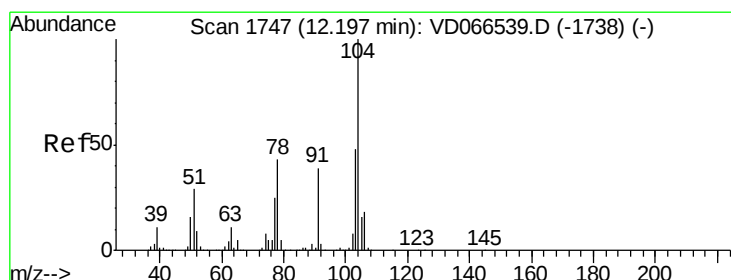
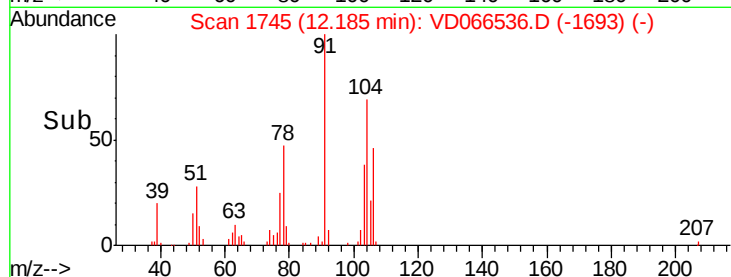
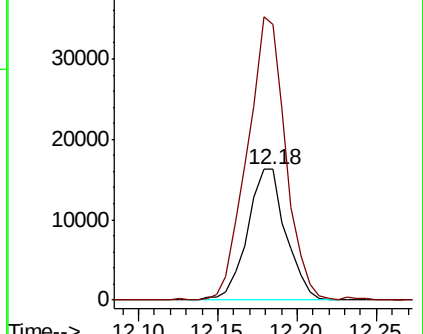
106 100

91 216.4 107.9 323.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V



#70

Styrene

Concen: 4.132 ug/l

RT: 12.20 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

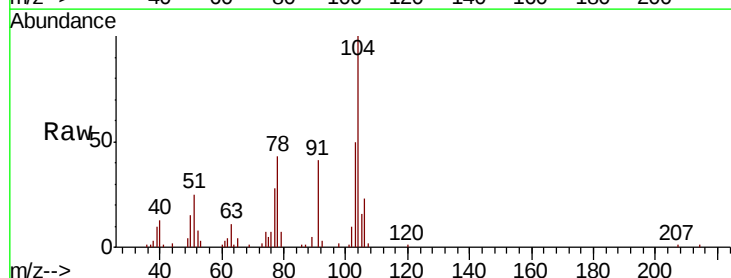
Tgt Ion:104 Resp: 47038

Ion Ratio Lower Upper

104 100

78 54.4 40.7 61.1

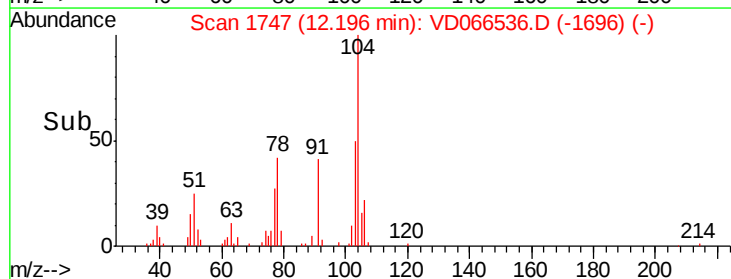
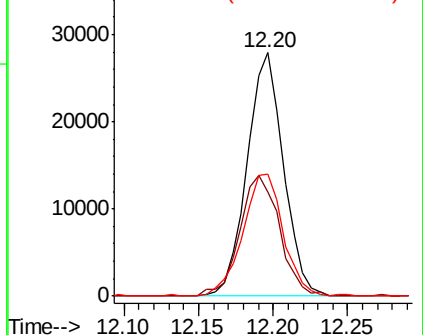
103 55.6 42.9 64.3

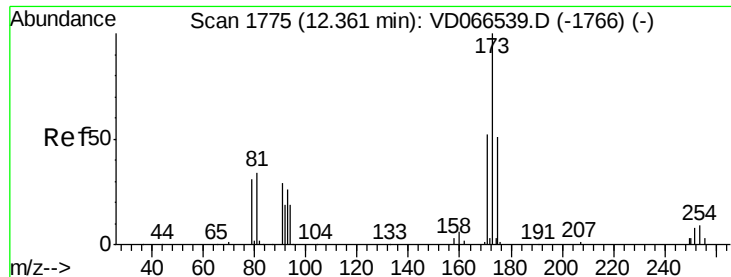


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V

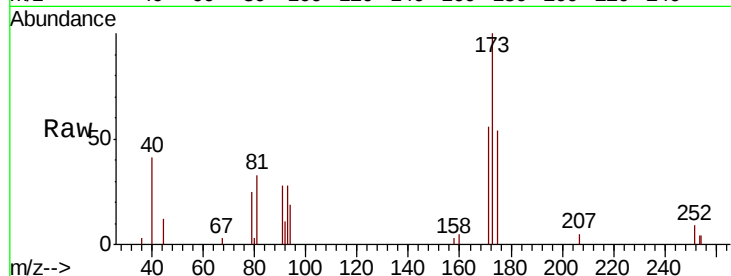




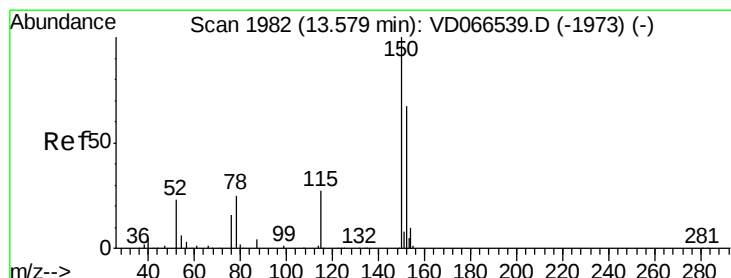
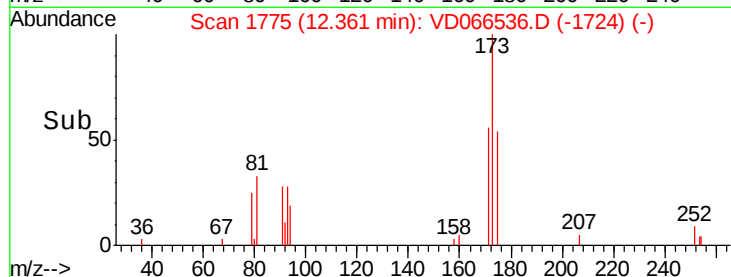
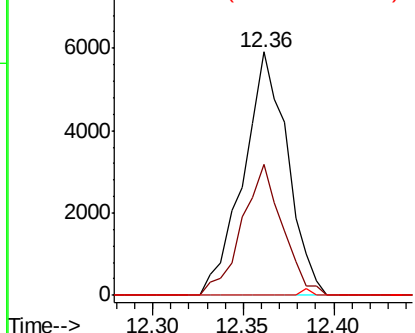
#71
Bromoform
Concen: 4.330 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD066536.D
Acq: 03 Sep 2020 14:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.2	72.6
254	0.0	0.0	0.0

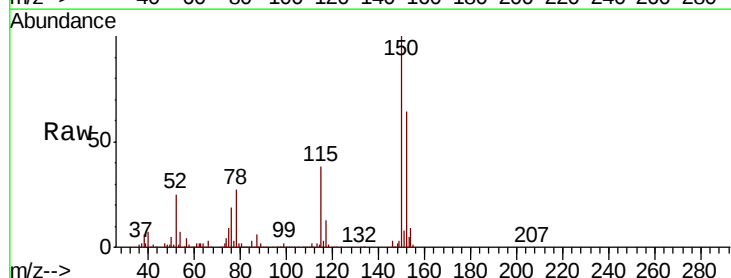


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

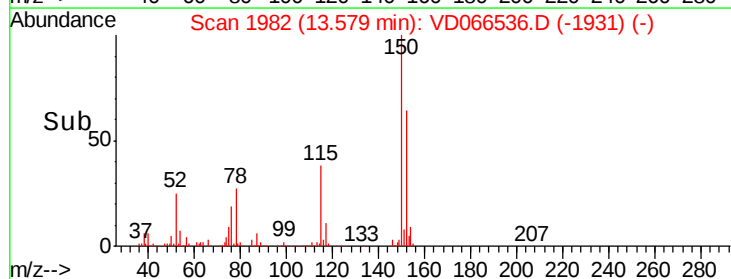
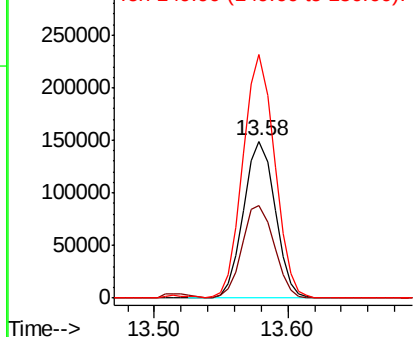


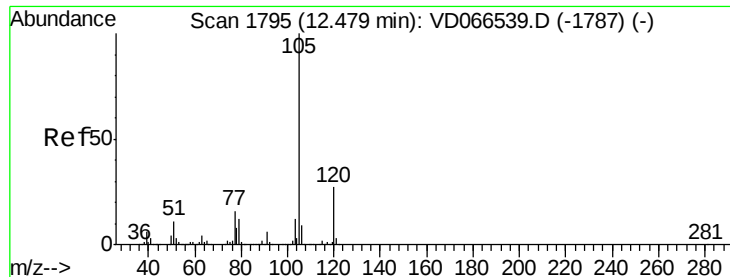
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066536.D
Acq: 03 Sep 2020 14:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	30.4	91.2
150	156.9	0.0	345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.631 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

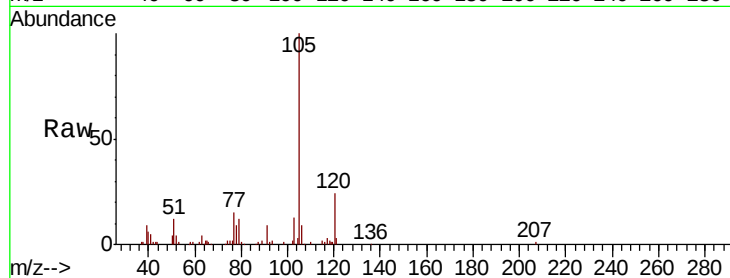
VSTDIC005

Tot Ion:105 Resp: 76621

Ion Ratio Lower Upper

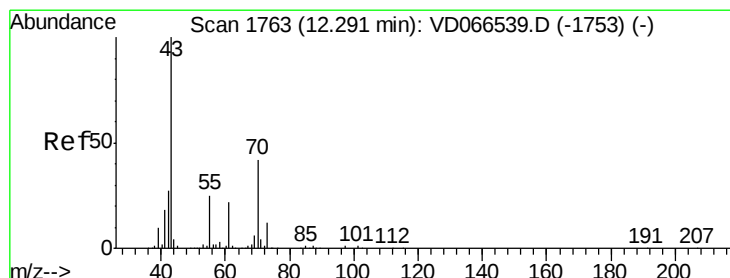
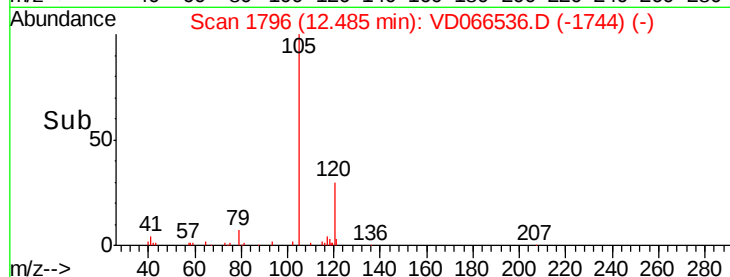
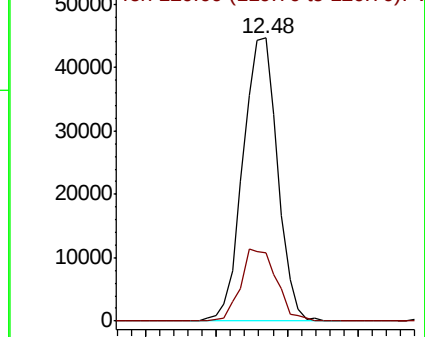
105 100

120 26.3 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 6.474 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

Tgt Ion: 43 Resp: 17635

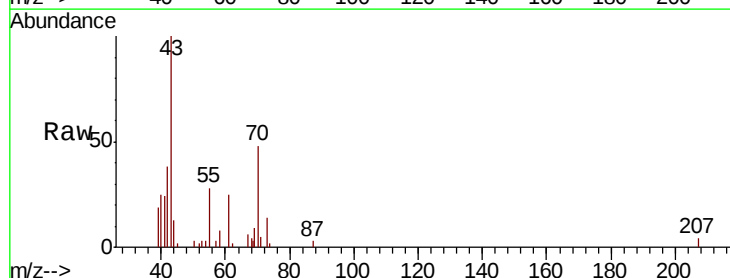
Ion Ratio Lower Upper

43 100

70 41.6 33.4 50.2

55 27.2 20.1 30.1

61 22.1 18.2 27.2

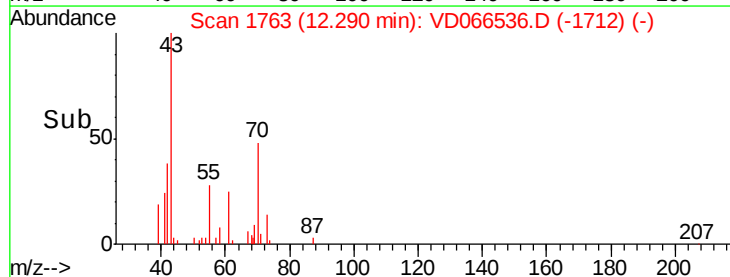
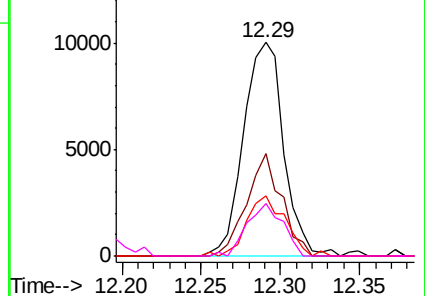


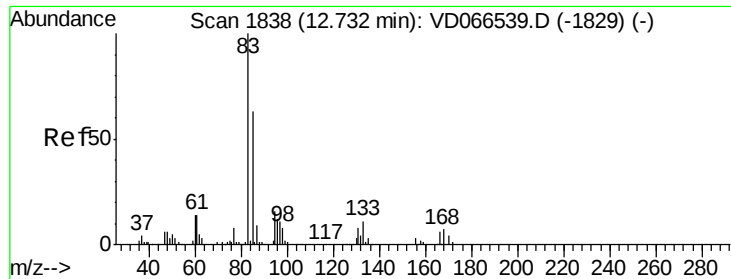
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 7.580 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

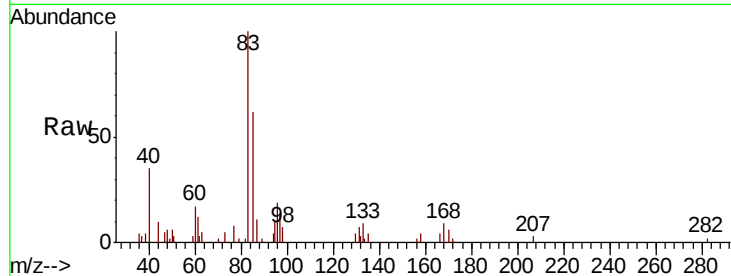
Tot Ion: 83 Resp: 16141

Ion Ratio Lower Upper

83 100

131 8.8 5.0 15.0

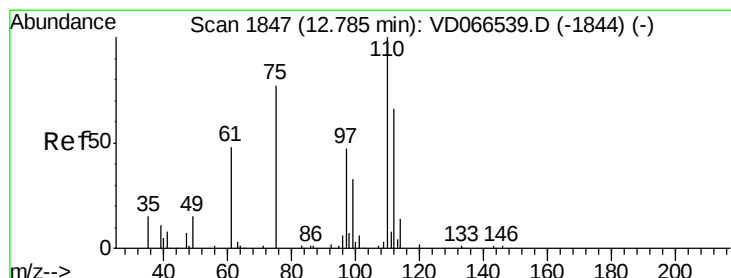
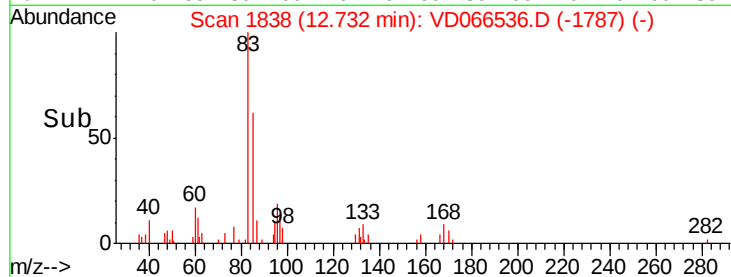
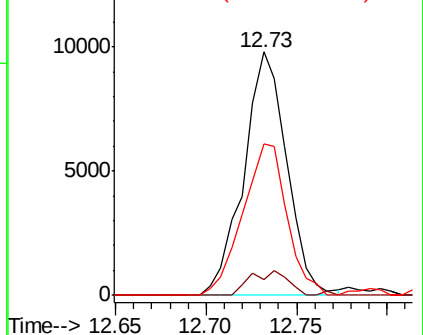
85 63.9 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 11.988 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066536.D

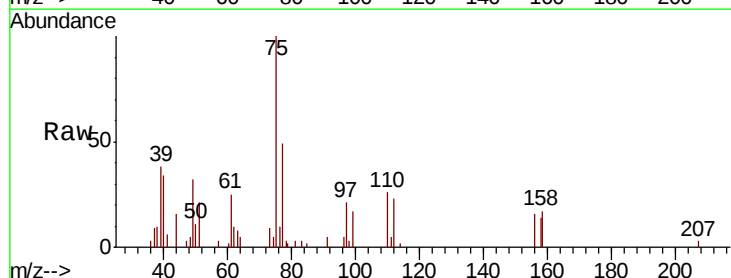
Acq: 03 Sep 2020 14:35

Tgt Ion: 75 Resp: 20235

Ion Ratio Lower Upper

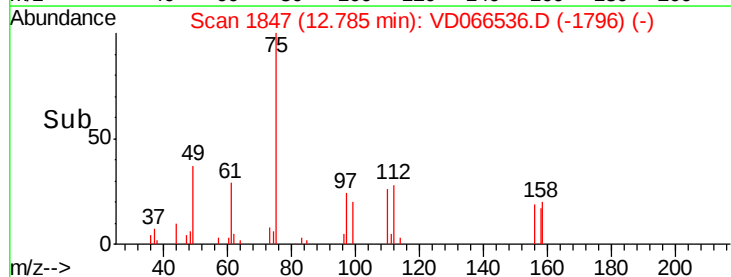
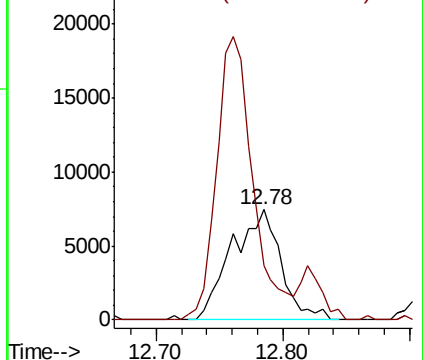
75 100

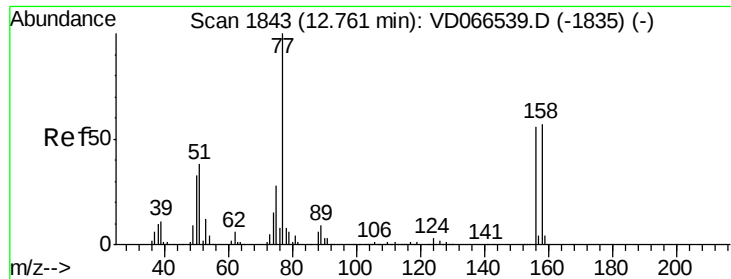
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

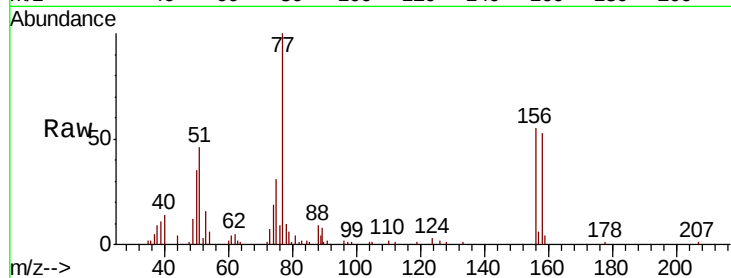




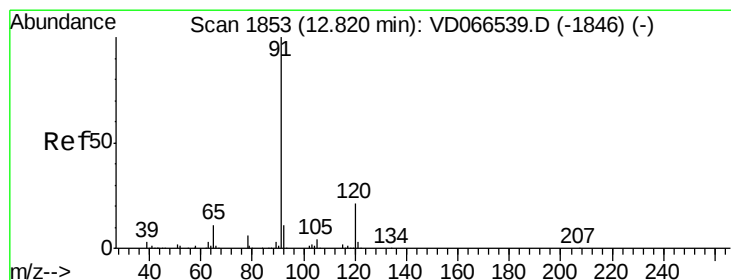
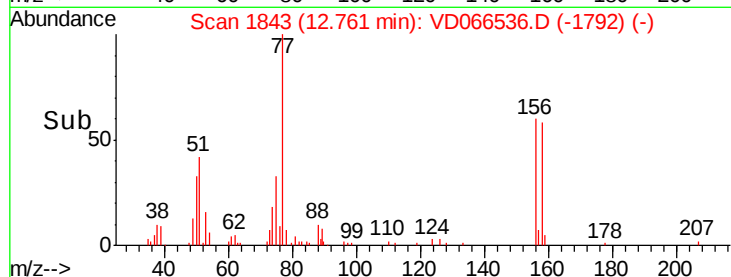
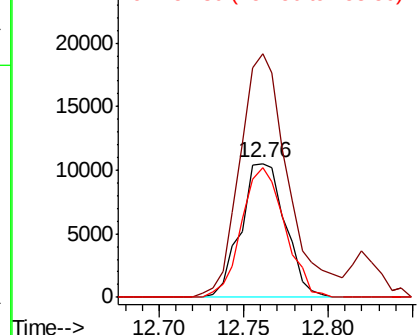
#77
Bromobenzene
Concen: 4.689 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VD066536.D
Acq: 03 Sep 2020 14:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion:156 Resp: 19205
Ion Ratio Lower Upper
156 100
77 198.3 98.0 294.1
158 94.8 48.1 144.3

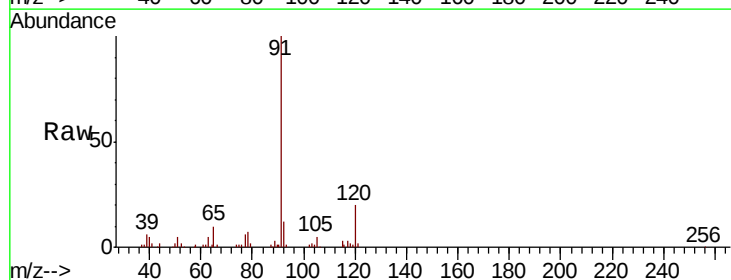


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VDC
Ion 157.80 (157.50 to 158.50): V

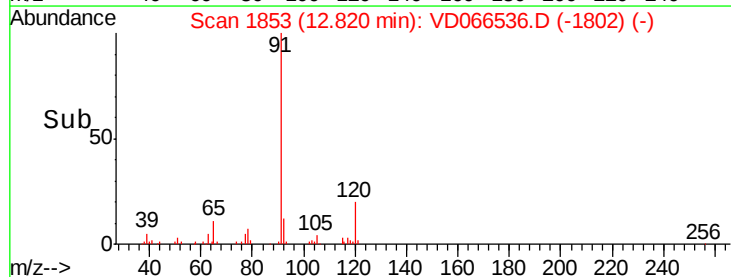
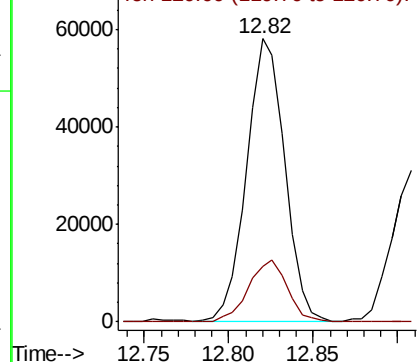


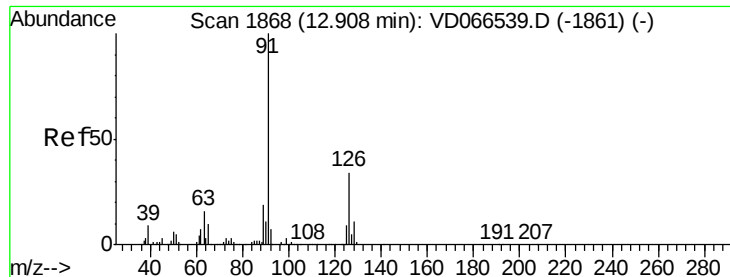
#78
n-propylbenzene
Concen: 4.972 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VD066536.D
Acq: 03 Sep 2020 14:35

Tgt Ion: 91 Resp: 91781
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 120.00 (119.70 to 120.70): V

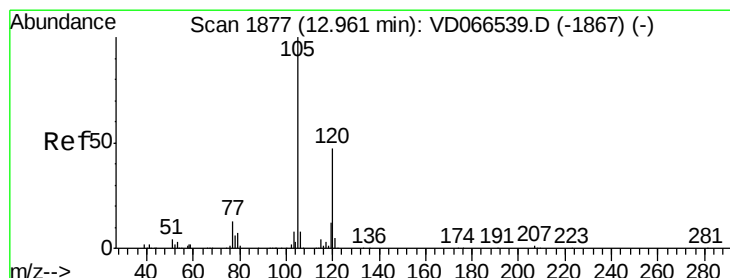
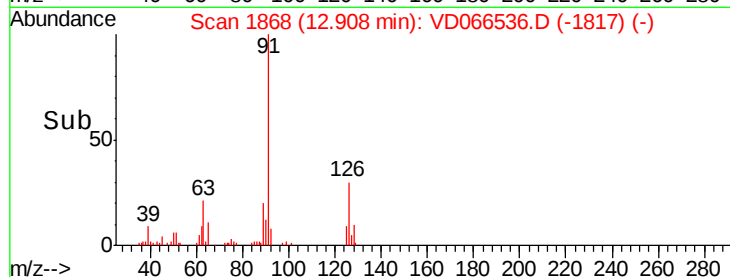
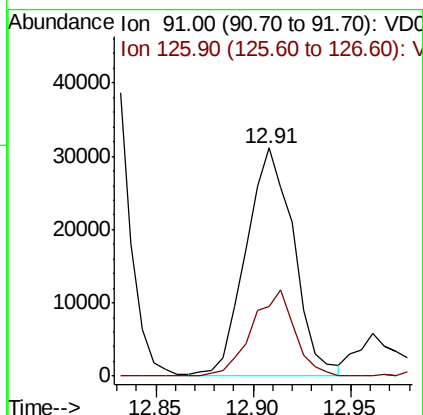
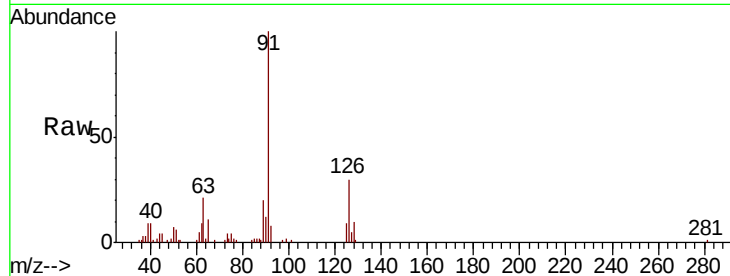




#79
 2-Chlorotoluene
 Concen: 5.000 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066536.D
 Acq: 03 Sep 2020 14:35

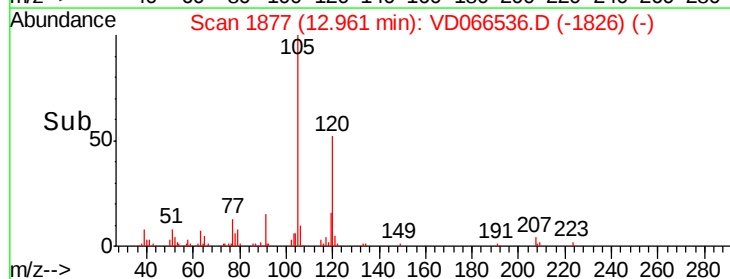
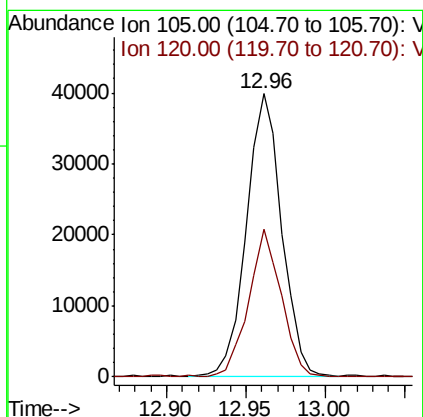
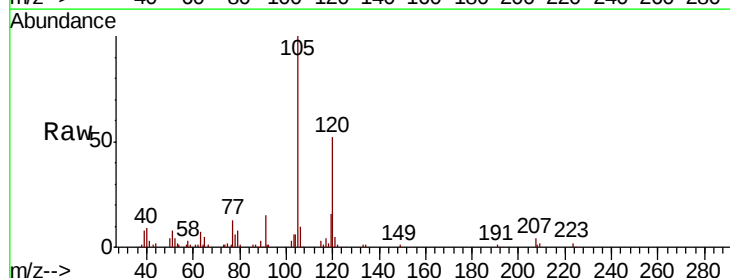
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

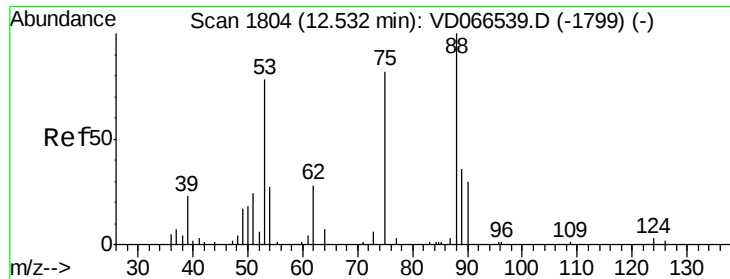
Tot Ion: 91 Resp: 52804
 Ion Ratio Lower Upper
 91 100
 126 33.6 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 4.295 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066536.D
 Acq: 03 Sep 2020 14:35

Tgt Ion: 105 Resp: 61626
 Ion Ratio Lower Upper
 105 100
 120 48.4 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 6.186 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

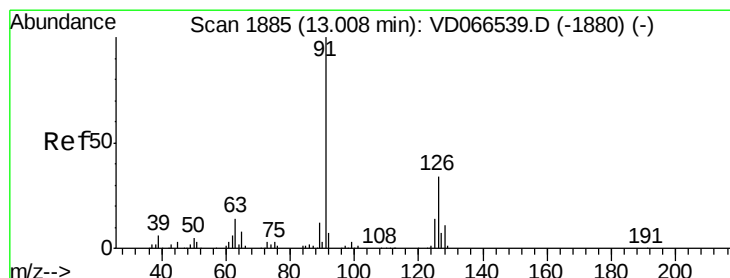
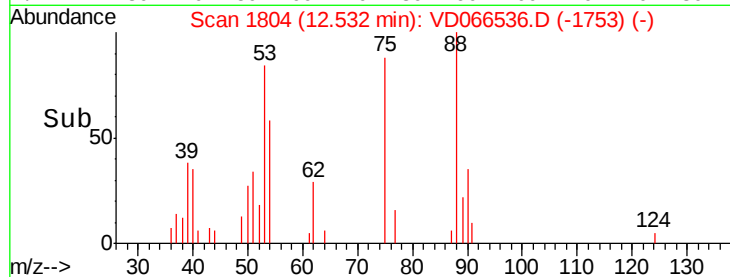
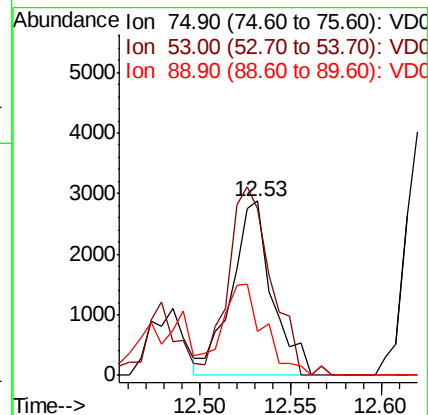
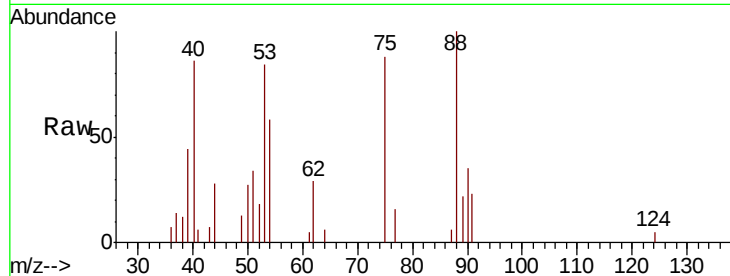
Tot Ion: 75 Resp: 4516

Ion Ratio Lower Upper

75 100

53 111.5 87.0 130.4

89 52.5 37.1 55.7



#82

4-Chlorotoluene

Concen: 5.248 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066536.D

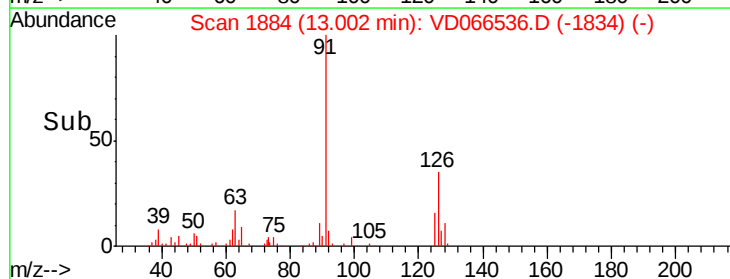
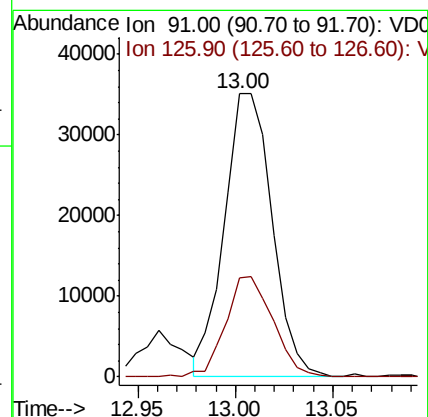
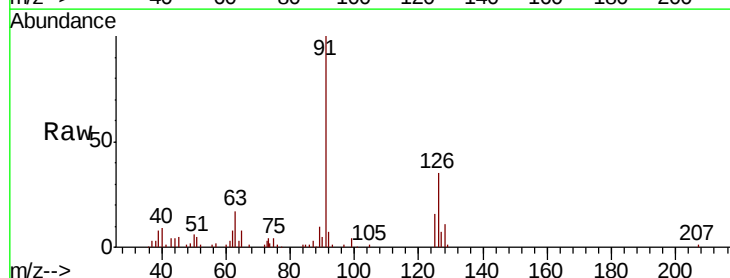
Acq: 03 Sep 2020 14:35

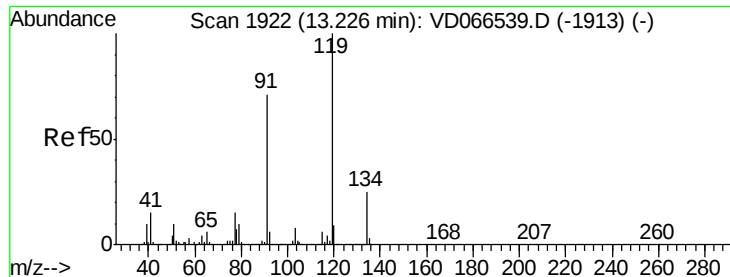
Tgt Ion: 91 Resp: 59510

Ion Ratio Lower Upper

91 100

126 35.3 16.4 49.1

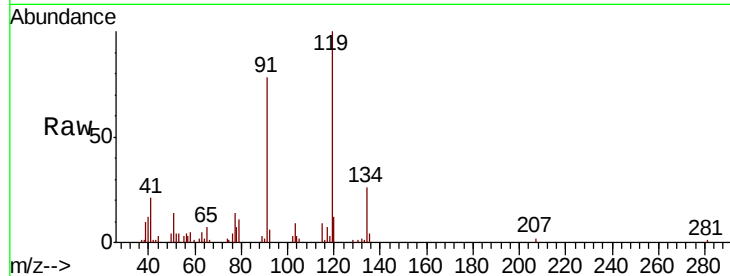




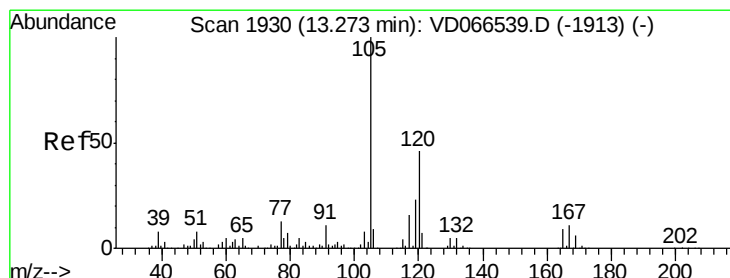
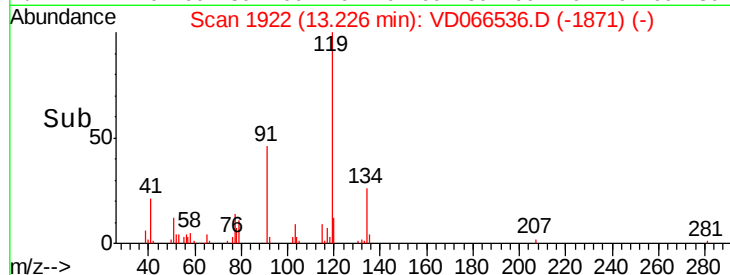
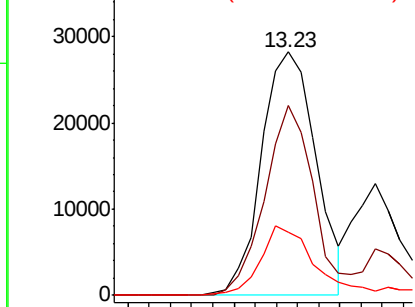
#83
tert-Butylbenzene
Concen: 4.090 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066536.D
Acq: 03 Sep 2020 14:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion:119 Resp: 50718
Ion Ratio Lower Upper
119 100
91 70.1 35.2 105.6
134 28.2 13.5 40.5

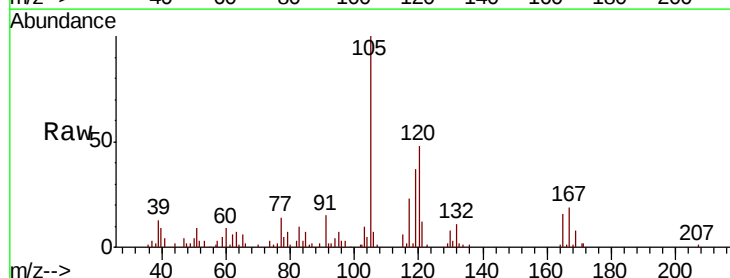


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

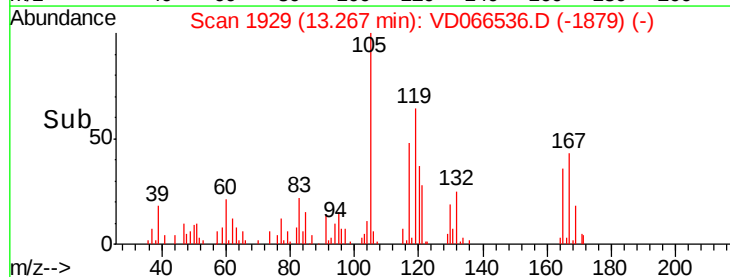
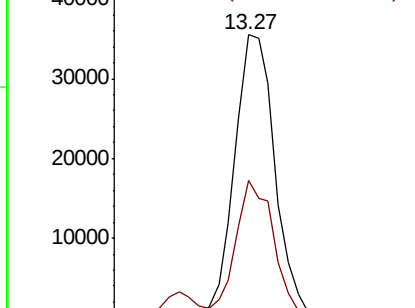


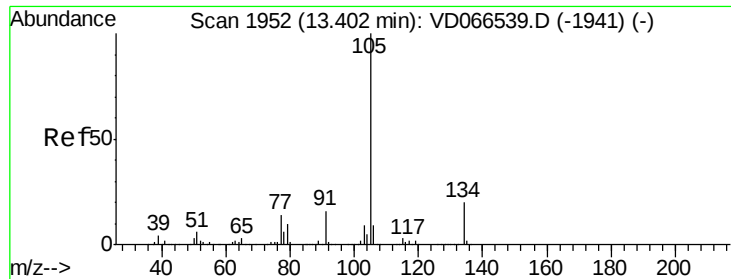
#84
1,2,4-Trimethylbenzene
Concen: 4.156 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066536.D
Acq: 03 Sep 2020 14:35

Tgt Ion:105 Resp: 59333
Ion Ratio Lower Upper
105 100
120 45.7 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

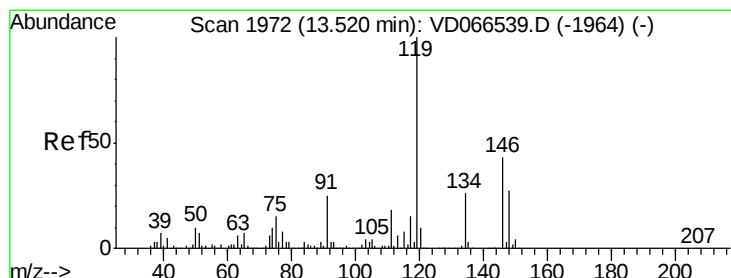
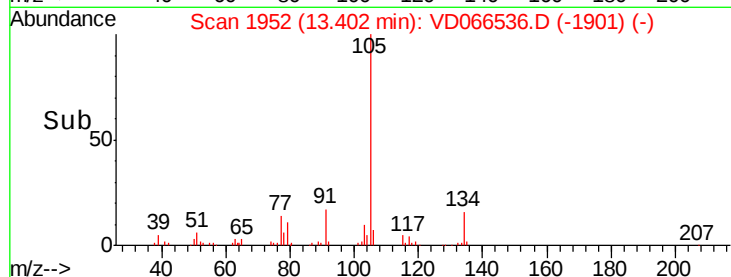
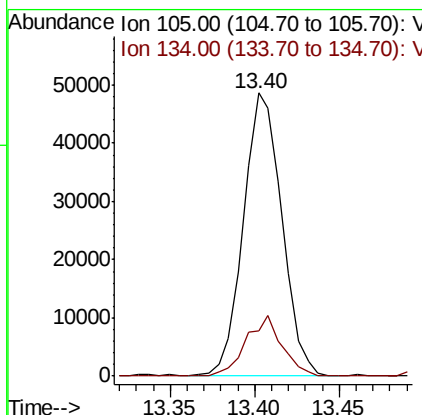
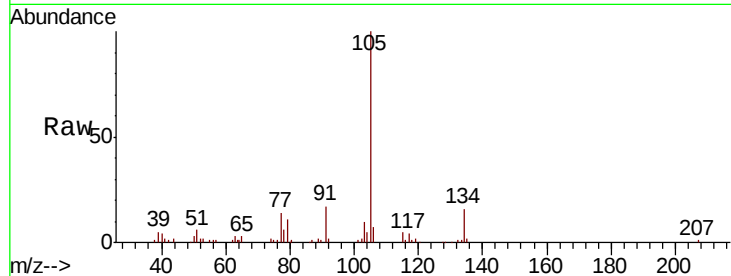




#85
 sec-Butylbenzene
 Concen: 4.776 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066536.D
 Acq: 03 Sep 2020 14:35

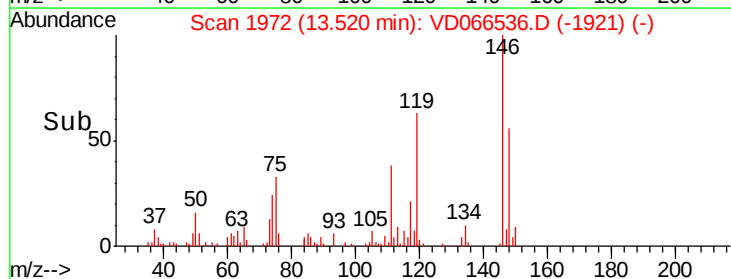
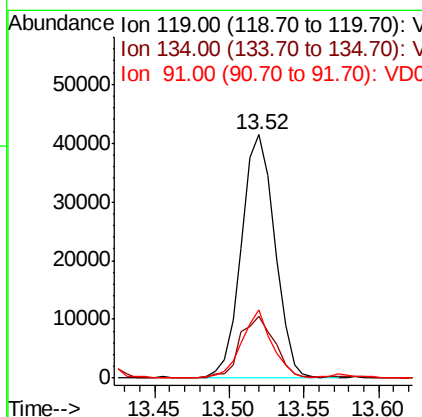
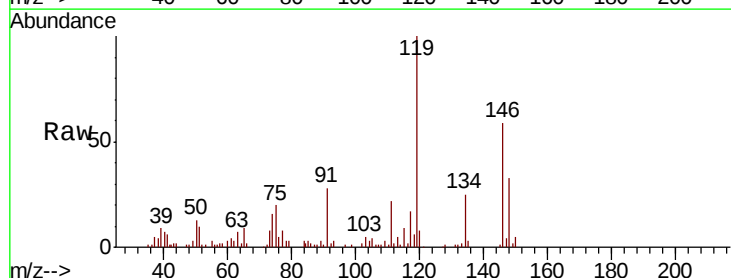
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

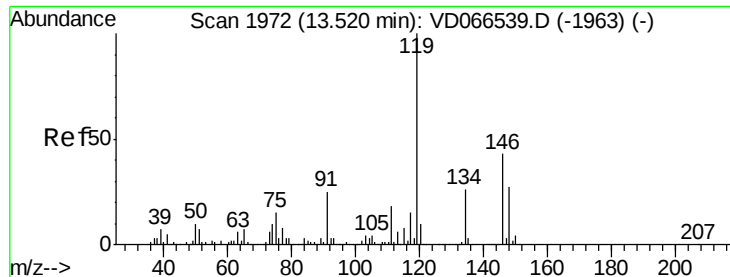
Tot Ion:105 Resp: 77045
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 4.057 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066536.D
 Acq: 03 Sep 2020 14:35

Tgt Ion:119 Resp: 64284
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.7 38.0
 91 25.6 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 4.973 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

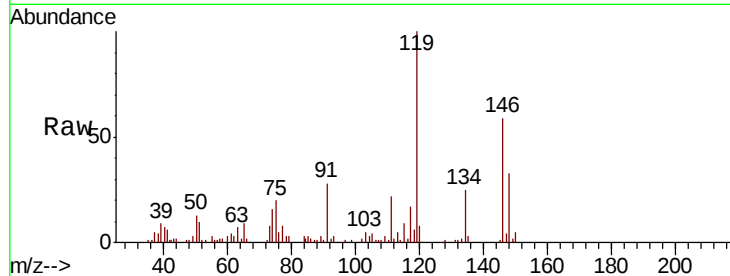
Tot Ion:146 Resp: 38175

Ion Ratio Lower Upper

146 100

111 40.4 20.6 61.9

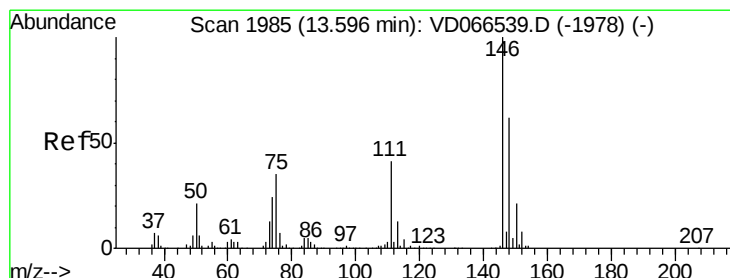
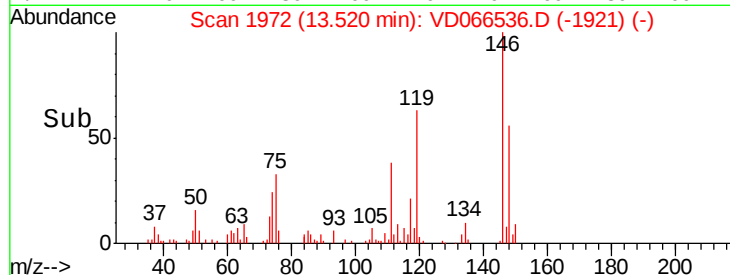
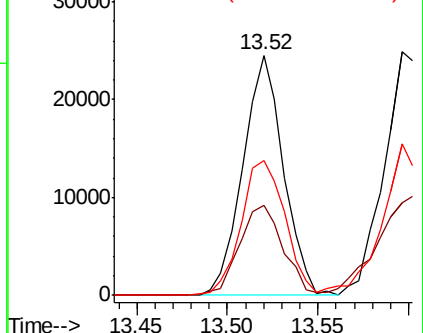
148 60.8 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 5.206 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VD066536.D

Acq: 03 Sep 2020 14:35

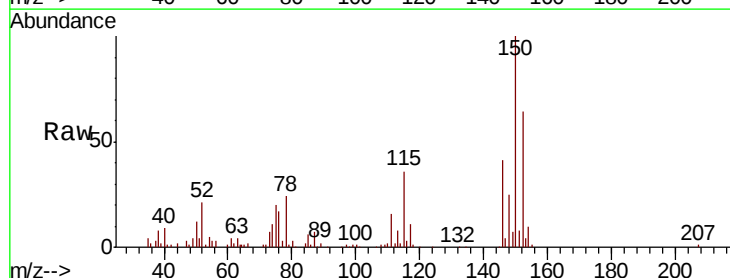
Tgt Ion:146 Resp: 40242

Ion Ratio Lower Upper

146 100

111 48.2 20.1 60.2

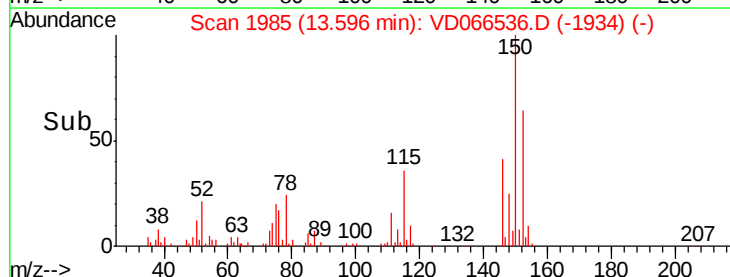
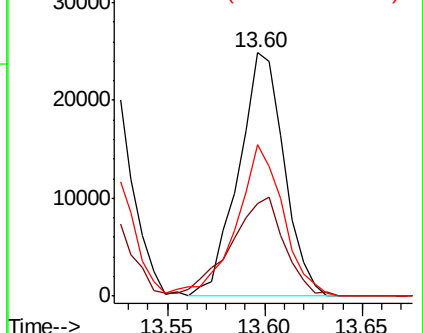
148 63.6 31.6 94.8

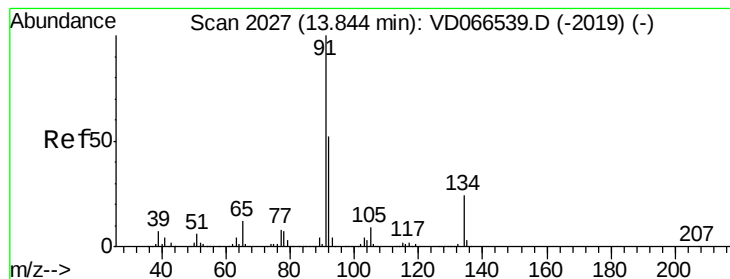


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

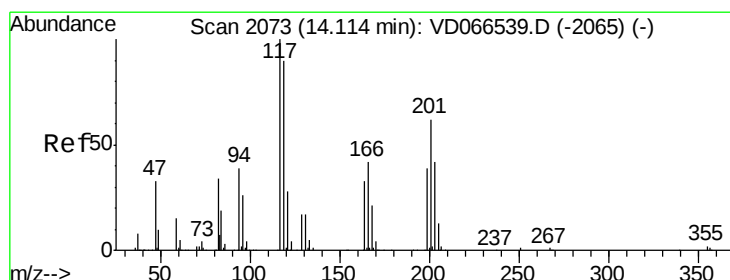
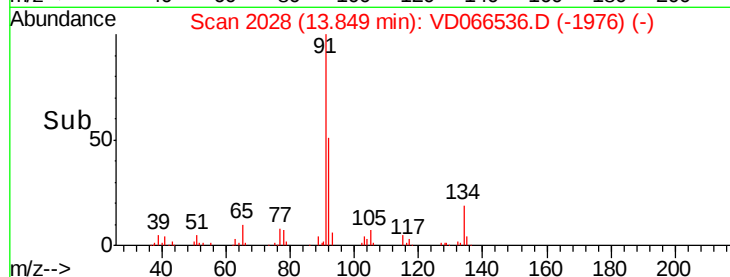
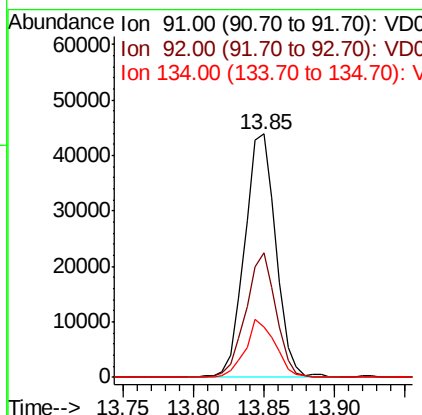
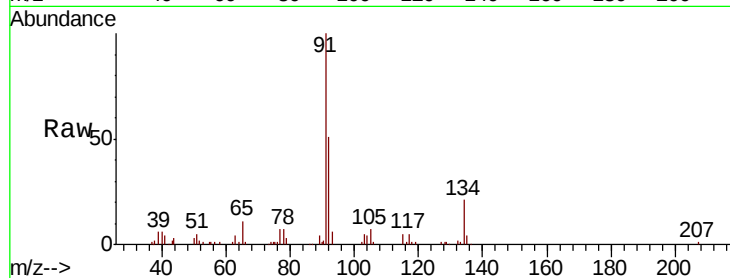




#89
n-Butylbenzene
Concen: 5.004 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066536.D
Acq: 03 Sep 2020 14:35

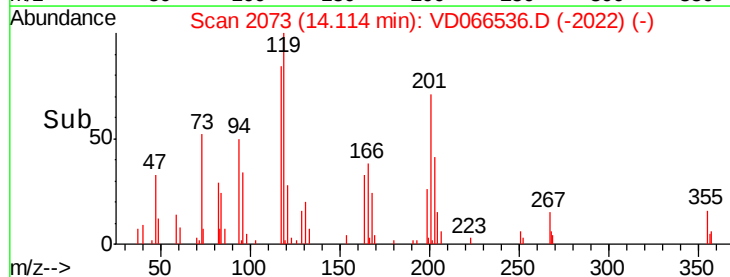
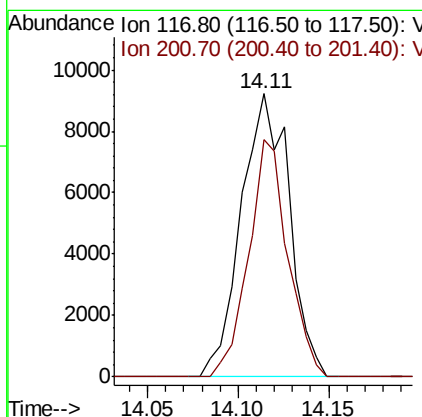
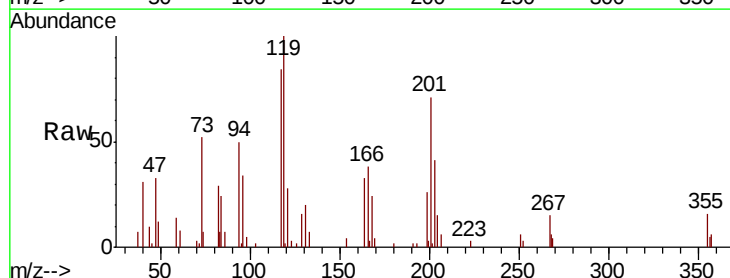
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

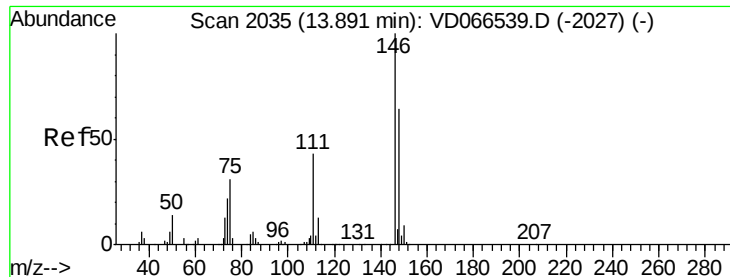
Tot Ion: 91 Resp: 68057
Ion Ratio Lower Upper
91 100
92 49.4 26.5 79.5
134 22.7 12.1 36.3



#90
Hexachloroethane
Concen: 5.798 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066536.D
Acq: 03 Sep 2020 14:35

Tgt Ion: 117 Resp: 16972
Ion Ratio Lower Upper
117 100
201 68.5 31.9 95.5

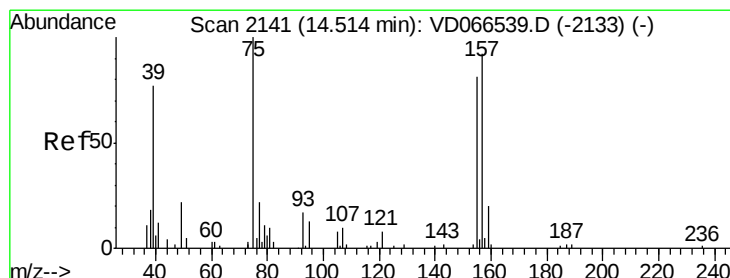
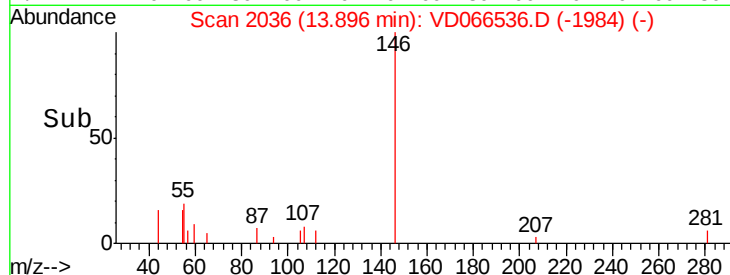
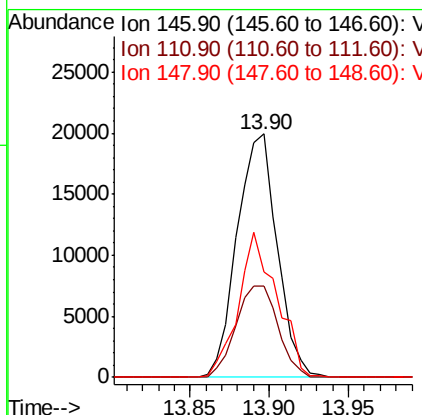
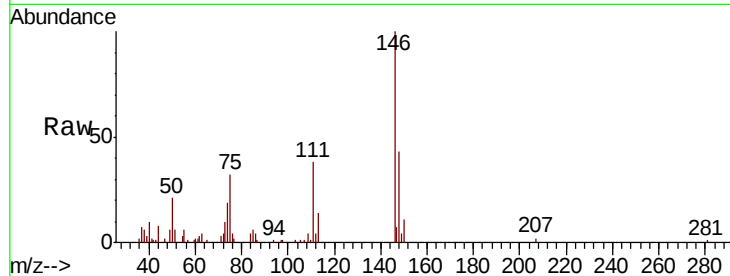




#91
 1,2-Dichlorobenzene
 Concen: 5.251 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: VD066536.D
 Acq: 03 Sep 2020 14:35

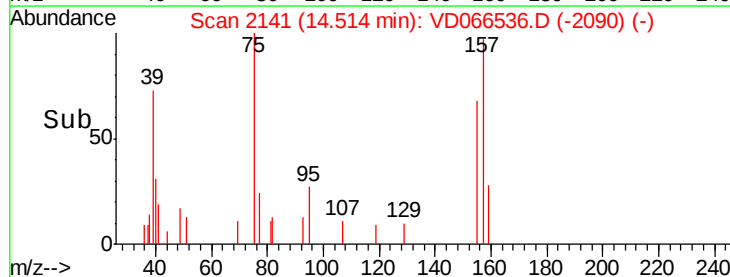
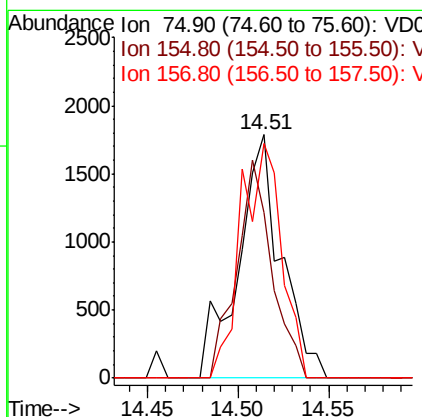
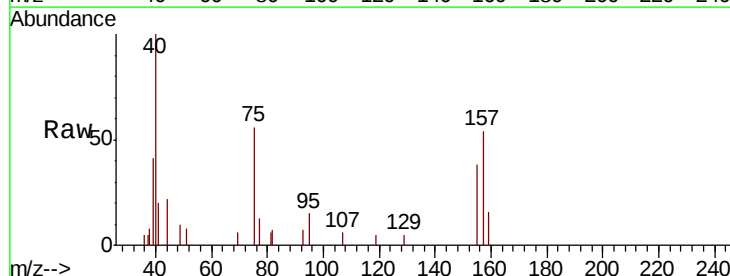
Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDIC005

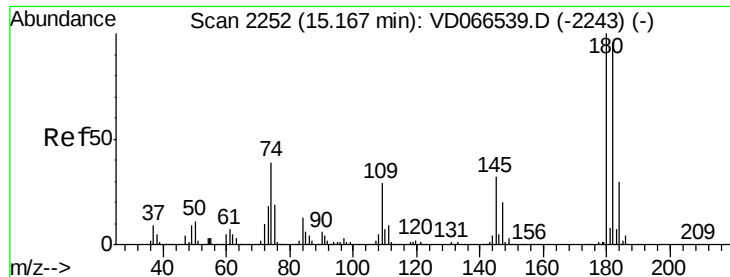
Tot Ion:146 Resp: 34974
 Ion Ratio Lower Upper
 146 100
 111 39.3 21.1 63.4
 148 57.1 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.777 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD066536.D
 Acq: 03 Sep 2020 14:35

Tgt Ion: 75 Resp: 2937
 Ion Ratio Lower Upper
 75 100
 155 73.7 39.3 117.8
 157 91.6 46.0 137.8

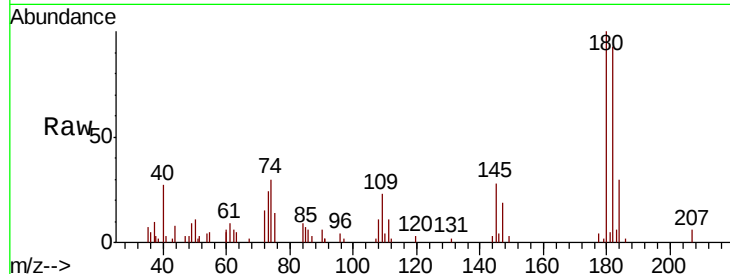




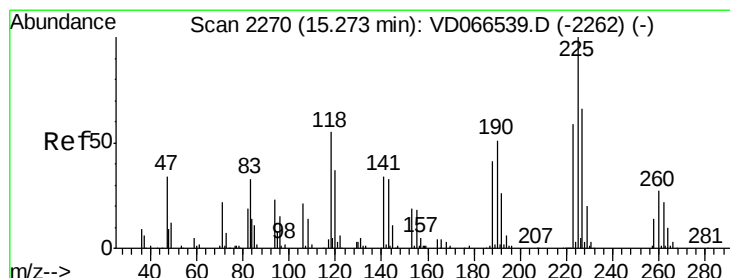
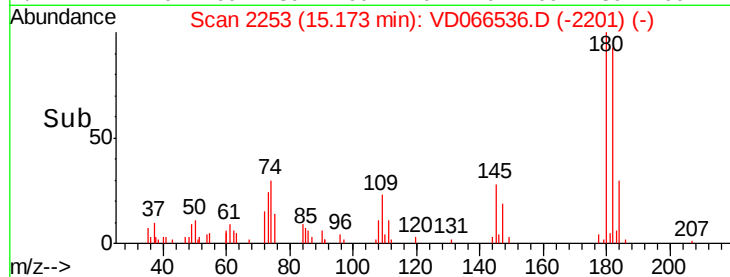
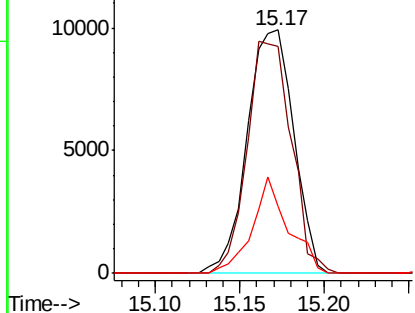
#93
 1,2,4-Trichlorobenzene
 Concen: 3.766 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD066536.D
 Acq: 03 Sep 2020 14:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tot Ion:180 Resp: 19024
 Ion Ratio Lower Upper
 180 100
 182 90.7 48.4 145.0
 145 30.9 16.7 50.0

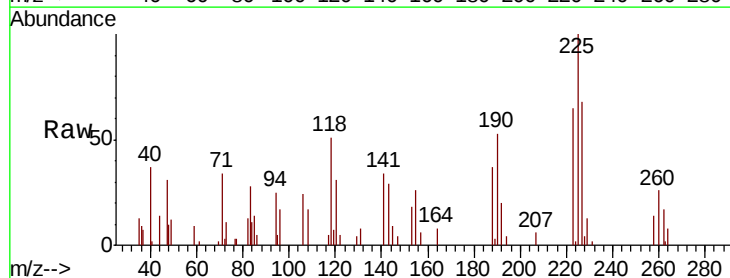


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

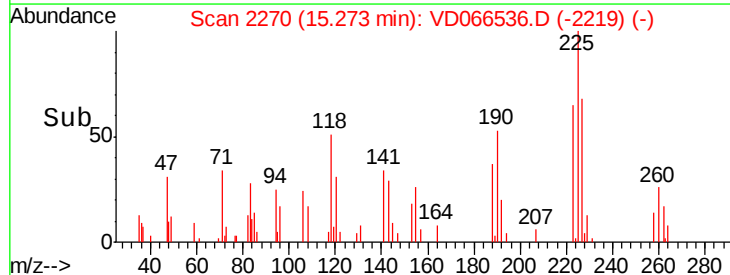
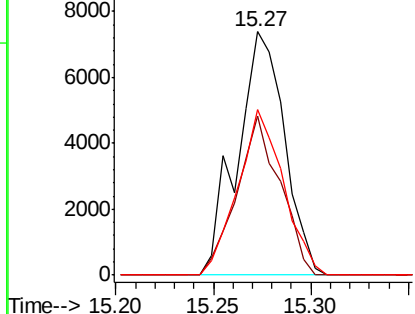


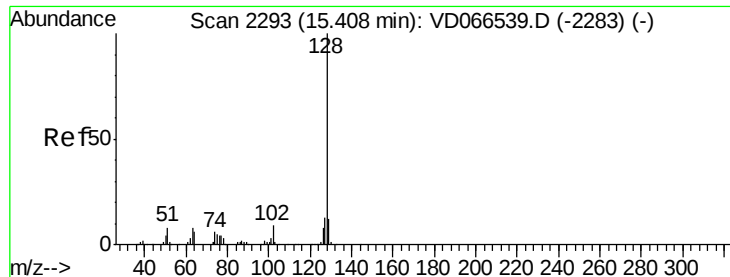
#94
 Hexachlorobutadiene
 Concen: 3.828 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066536.D
 Acq: 03 Sep 2020 14:35

Tgt Ion:225 Resp: 12410
 Ion Ratio Lower Upper
 225 100
 223 59.6 30.5 91.5
 227 65.3 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

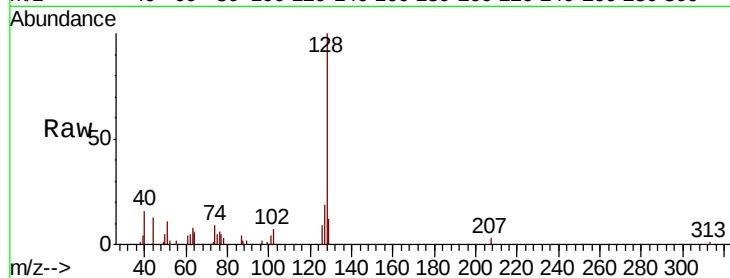




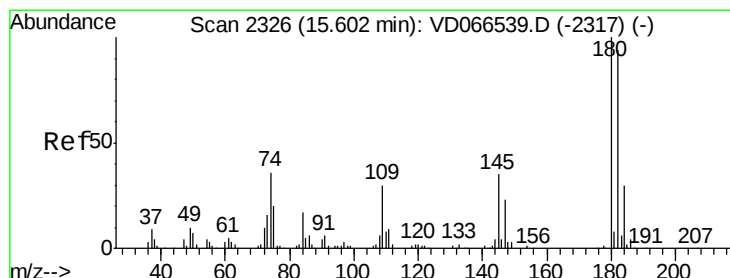
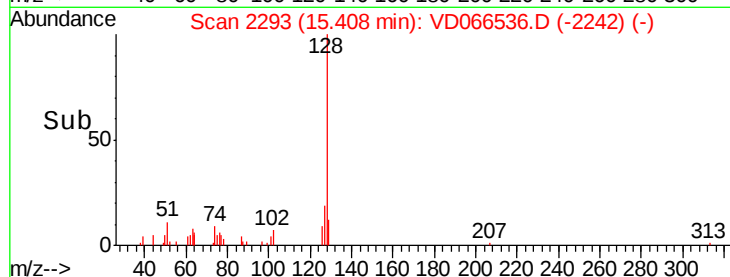
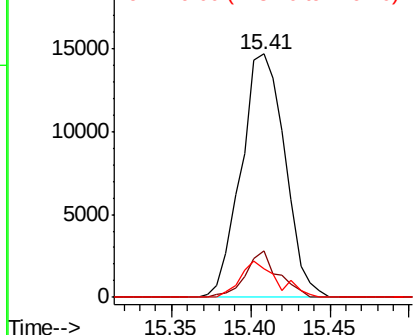
#95
Naphthalene
Concen: 3.492 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066536.D
Acq: 03 Sep 2020 14:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion:128 Resp: 28135
Ion Ratio Lower Upper
128 100
127 14.3 10.7 16.1
129 12.7 9.1 13.7

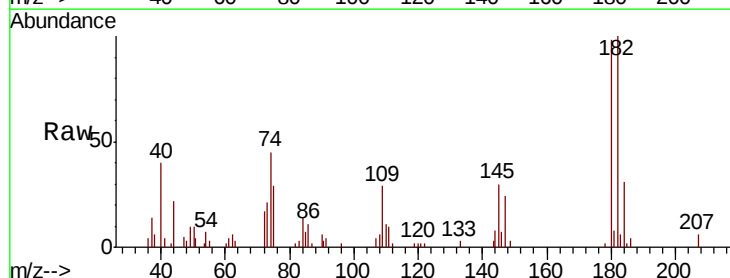


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 3.527 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066536.D
Acq: 03 Sep 2020 14:35

Tgt Ion:180 Resp: 15441
Ion Ratio Lower Upper
180 100
182 101.2 47.9 143.6
145 32.4 17.3 51.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

