

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081920\
 Data File : VD066349.D
 Acq On : 20 Aug 2020 07:15
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 20 08:28:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	182161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	273182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	250289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	124053	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	93061	57.26	ug/l	0.00
Spiked Amount			Recovery	=	114.52%	
35) Dibromofluoromethane	7.91	113	89237	51.56	ug/l	0.00
Spiked Amount			Recovery	=	103.12%	
50) Toluene-d8	10.34	98	318615	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.63	95	111815	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	64075	39.925	ug/l	96
3) Chloromethane	2.20	50	50223	40.229	ug/l	98
4) Vinyl Chloride	2.35	62	51906	46.962	ug/l	100
5) Bromomethane	2.77	94	43033	58.684	ug/l	99
6) Chloroethane	2.92	64	35722	52.651	ug/l #	86
7) Trichlorofluoromethane	3.27	101	145436	50.472	ug/l	95
8) Diethyl Ether	3.71	74	37564	46.200	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.09	101	78288	45.780	ug/l	97
10) Methyl Iodide	4.30	142	91348	57.509	ug/l	92
11) Tert butyl alcohol	5.21	59	27916	226.464	ug/l	99
12) 1,1-Dichloroethene	4.07	96	73768	45.727	ug/l	98
13) Acrolein	3.93	56	21448	165.802	ug/l	98
14) Allyl chloride	4.71	41	103877	42.503	ug/l #	82
15) Acrylonitrile	5.43	53	82277	240.140	ug/l	99
16) Acetone	4.15	43	65799	213.383	ug/l	92
17) Carbon Disulfide	4.41	76	202607	39.499	ug/l	99
18) Methyl Acetate	4.71	43	37074	47.334	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	190482	51.514	ug/l	97
20) Methylene Chloride	4.96	84	102772	58.861	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	88254	47.622	ug/l	90
22) Diisopropyl ether	6.36	45	216140	44.721	ug/l	93
23) Vinyl Acetate	6.30	43	646301	228.261	ug/l	100
24) 1,1-Dichloroethane	6.26	63	148209	49.551	ug/l	98
25) 2-Butanone	7.21	43	94068	207.408	ug/l	91
26) 2,2-Dichloropropane	7.21	77	132812	49.543	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	102062	52.506	ug/l	98
28) Bromochloromethane	7.54	49	52622	50.091	ug/l	93
29) Tetrahydrofuran	7.56	42	58794	209.233	ug/l	92
30) Chloroform	7.71	83	175865	55.996	ug/l	98
31) Cyclohexane	7.98	56	109622	38.502	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	165274	56.125	ug/l	97
36) 1,1-Dichloropropene	8.10	75	120296	46.861	ug/l	98
37) Ethyl Acetate	7.29	43	44184	43.441	ug/l	98
38) Carbon Tetrachloride	8.10	117	154642	54.020	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081920\
 Data File : VD066349.D
 Acq On : 20 Aug 2020 07:15
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Aug 20 08:28:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	128999	41.570	ug/l	98
40) Benzene	8.34	78	340290	47.785	ug/l	96
41) Methacrylonitrile	7.52	41	21807	36.465	ug/l #	71
42) 1,2-Dichloroethane	8.42	62	118835	56.803	ug/l	96
43) Isopropyl Acetate	8.44	43	90570	45.194	ug/l	98
44) Trichloroethene	9.11	130	105216	49.031	ug/l	99
45) 1,2-Dichloropropane	9.38	63	78761	45.221	ug/l	91
46) Dibromomethane	9.47	93	47749	49.772	ug/l	98
47) Bromodichloromethane	9.66	83	137845	54.364	ug/l	98
48) Methyl methacrylate	9.46	41	43048	42.068	ug/l #	76
49) 1,4-Dioxane	9.46	88	10015	812.551	ug/l #	90
51) 4-Methyl-2-Pentanone	10.23	43	226960	220.483	ug/l	98
52) Toluene	10.40	92	228762	48.819	ug/l	95
53) t-1,3-Dichloropropene	10.62	75	121867	50.645	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	138654	49.181	ug/l	91
55) 1,1,2-Trichloroethane	10.80	97	66354	48.033	ug/l	97
56) Ethyl methacrylate	10.66	69	79380	47.834	ug/l	97
57) 1,3-Dichloropropane	10.94	76	110160	48.034	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	184014	246.513	ug/l	97
59) 2-Hexanone	10.98	43	157712	218.306	ug/l	96
60) Dibromochloromethane	11.14	129	97406	51.073	ug/l	98
61) 1,2-Dibromoethane	11.24	107	67218	50.596	ug/l	95
64) Tetrachloroethene	10.87	164	95279	49.574	ug/l	95
65) Chlorobenzene	11.67	112	256099	50.404	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.74	131	104582	52.606	ug/l	98
67) Ethyl Benzene	11.74	91	453935	51.555	ug/l	98
68) m/p-Xylenes	11.85	106	338223	99.146	ug/l	93
69) o-Xylene	12.18	106	159409	51.369	ug/l	97
70) Styrene	12.20	104	280519	51.581	ug/l	98
71) Bromoform	12.36	173	60499	51.363	ug/l #	100
73) Isopropylbenzene	12.48	105	451743	54.553	ug/l	99
74) N-amyl acetate	12.29	43	82510	45.248	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	67159	47.562	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	92890	89.791	ug/l #	100
77) Bromobenzene	12.76	156	110562	51.867	ug/l	97
78) n-propylbenzene	12.82	91	506278	52.596	ug/l	99
79) 2-Chlorotoluene	12.91	91	297832	54.098	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	382408	55.219	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	20726	44.288	ug/l	87
82) 4-Chlorotoluene	13.00	91	313035	53.863	ug/l	98
83) tert-Butylbenzene	13.23	119	333784	54.805	ug/l	95
84) 1,2,4-Trimethylbenzene	13.27	105	382441	55.181	ug/l	99
85) sec-Butylbenzene	13.40	105	434672	52.862	ug/l	99
86) p-Isopropyltoluene	13.52	119	412210	53.449	ug/l	97
87) 1,3-Dichlorobenzene	13.52	146	209413	52.270	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	205793	51.507	ug/l	99
89) n-Butylbenzene	13.84	91	355451	51.441	ug/l	98
90) Hexachloroethane	14.11	117	82898	53.895	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	182510	51.511	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	13206	54.417	ug/l	91

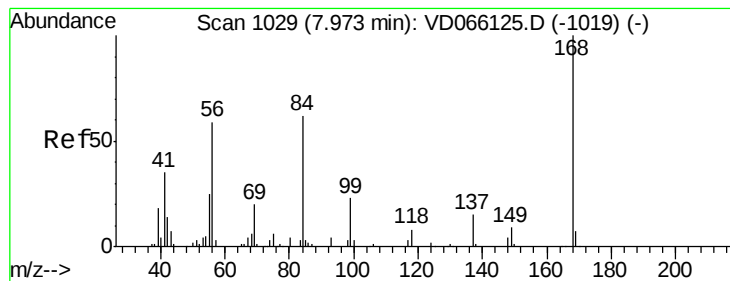
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081920\
Data File : VD066349.D
Acq On : 20 Aug 2020 07:15
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Aug 20 08:28:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	132497	50.744	ug/l	98
94) Hexachlorobutadiene	15.27	225	80948	52.647	ug/l	98
95) Naphthalene	15.40	128	230047	54.071	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	118449	51.388	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

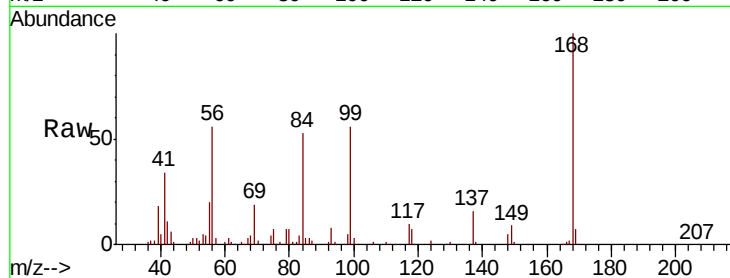
VSTDCCC050EC

Tot Ion:168 Resp: 182161

Ion Ratio Lower Upper

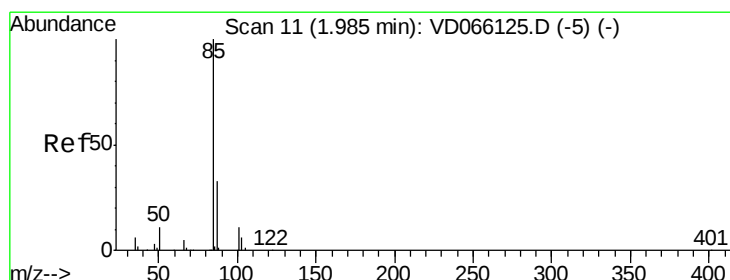
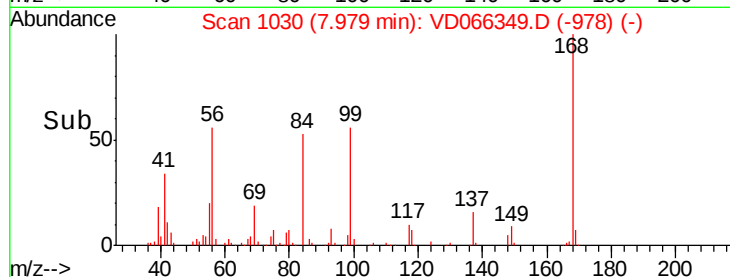
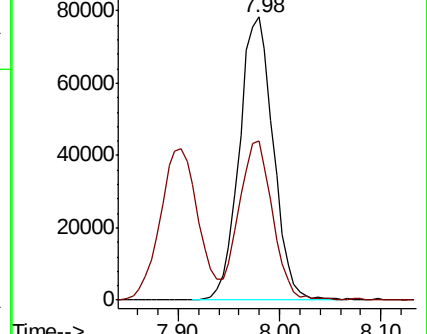
168 100

99 56.3 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 39.925 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066349.D

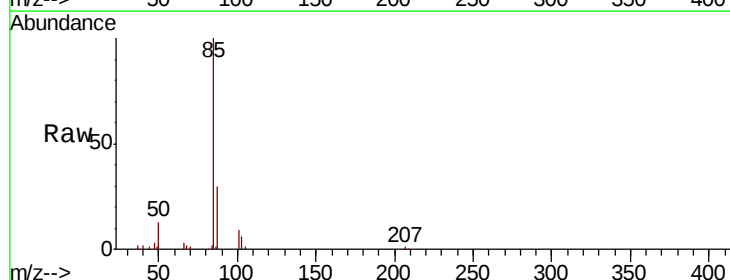
Acq: 20 Aug 2020 07:15

Tgt Ion: 85 Resp: 64075

Ion Ratio Lower Upper

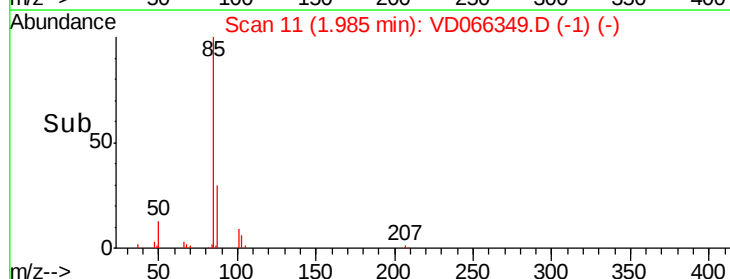
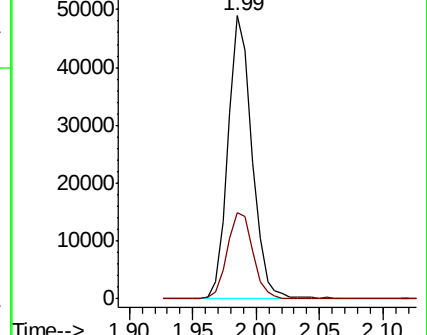
85 100

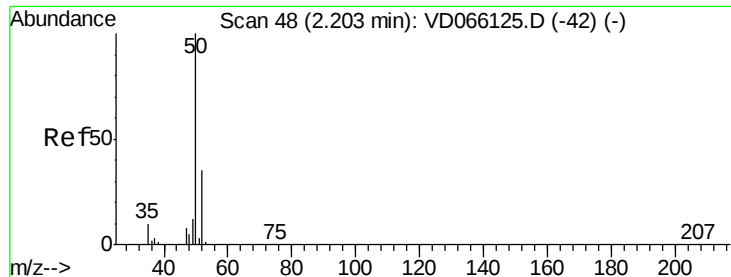
87 30.4 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 40.229 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

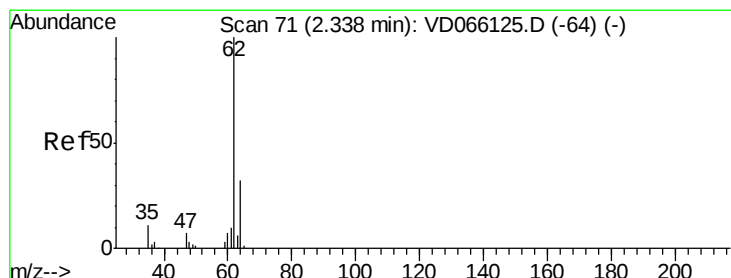
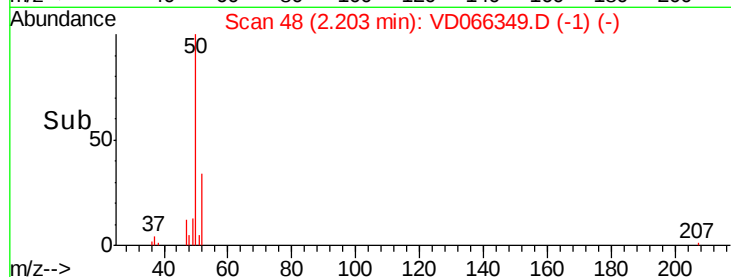
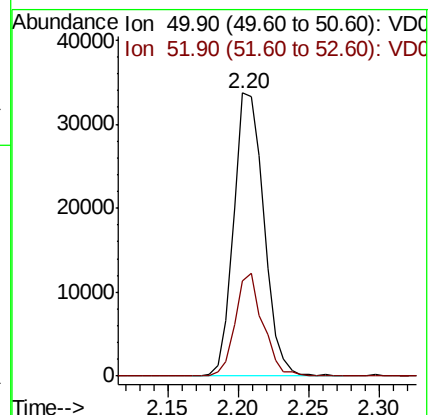
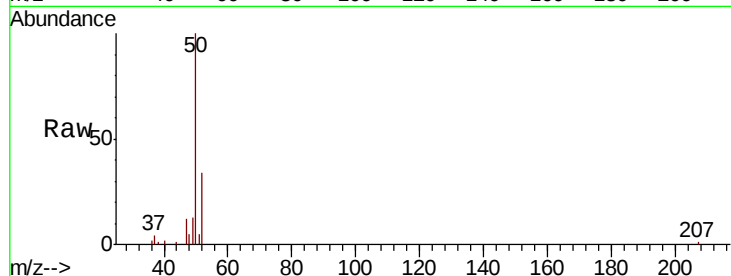
VSTDCCC050EC

Tot Ion: 50 Resp: 50223

Ion Ratio Lower Upper

50 100

52 33.7 27.9 41.9



#4

Vinyl Chloride

Concen: 46.962 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.01 min

Lab File: VD066349.D

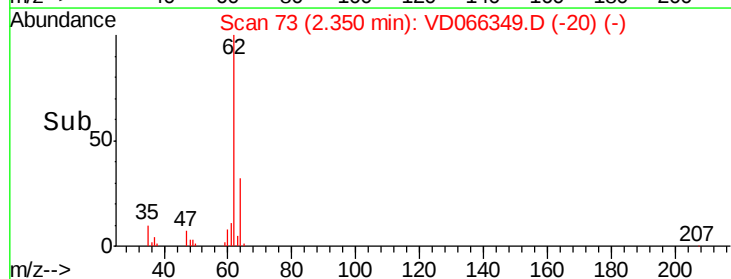
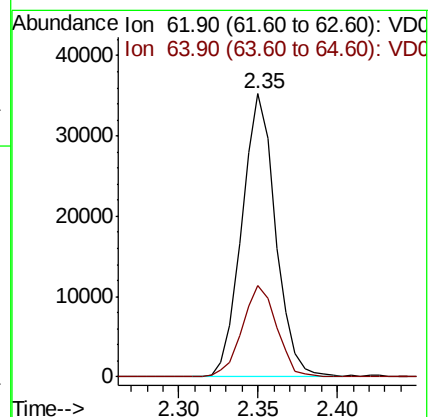
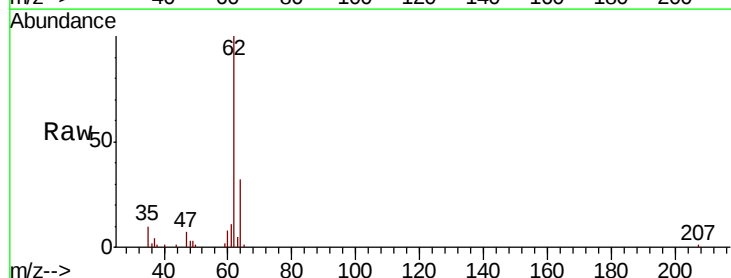
Acq: 20 Aug 2020 07:15

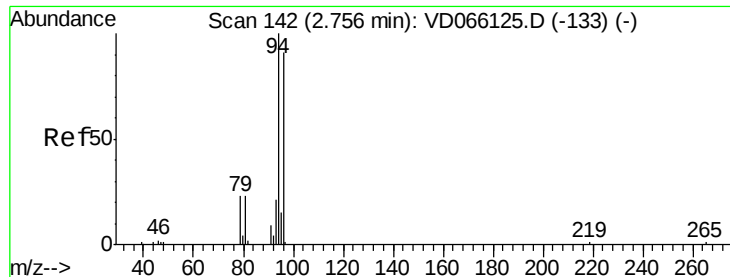
Tgt Ion: 62 Resp: 51906

Ion Ratio Lower Upper

62 100

64 32.4 25.8 38.8





#5

Bromomethane

Concen: 58.684 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.01 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

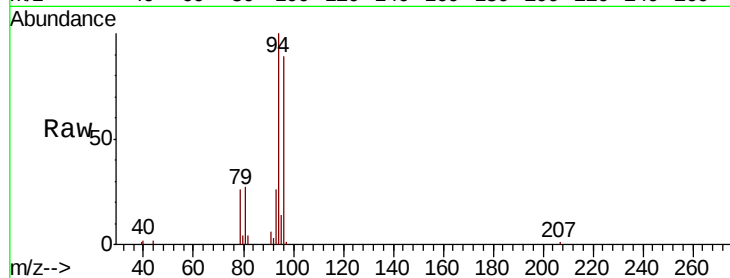
VSTDCCC050EC

Tot Ion: 94 Resp: 43033

Ion Ratio Lower Upper

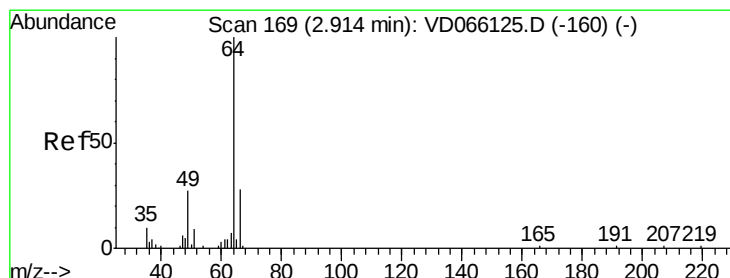
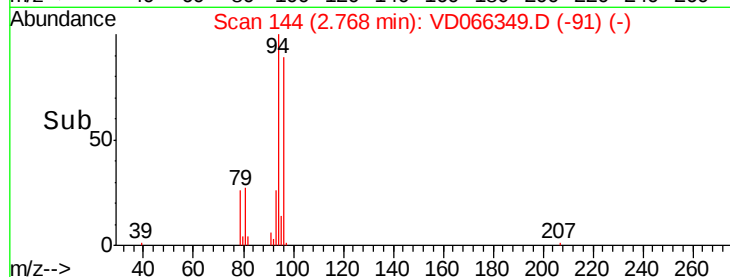
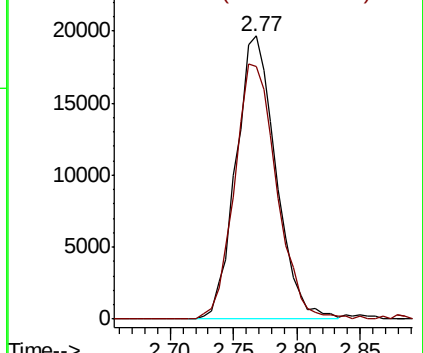
94 100

96 89.4 72.6 109.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 52.651 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.01 min

Lab File: VD066349.D

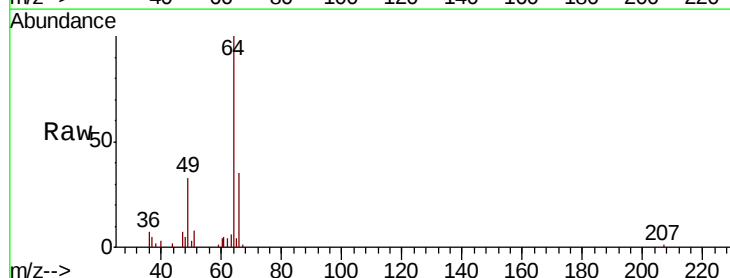
Acq: 20 Aug 2020 07:15

Tgt Ion: 64 Resp: 35722

Ion Ratio Lower Upper

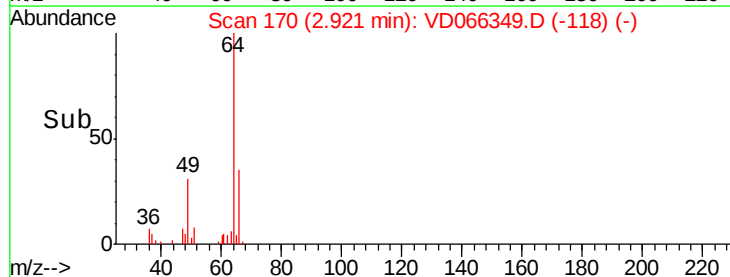
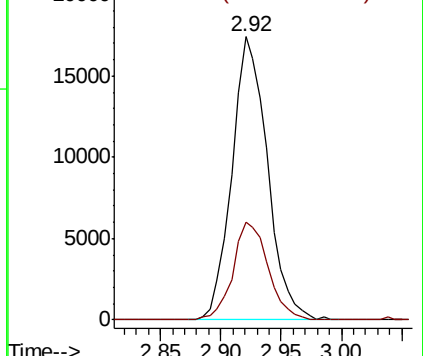
64 100

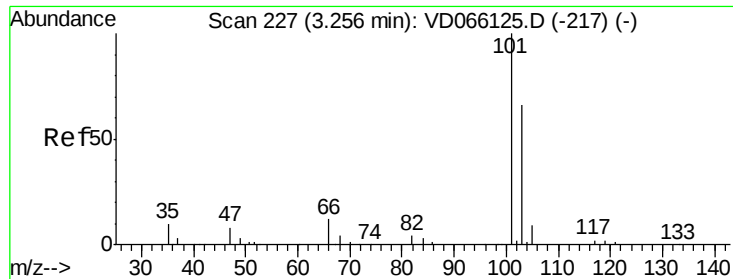
66 34.7 22.0 33.0#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



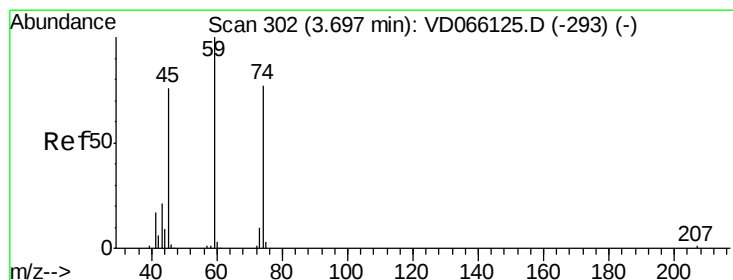
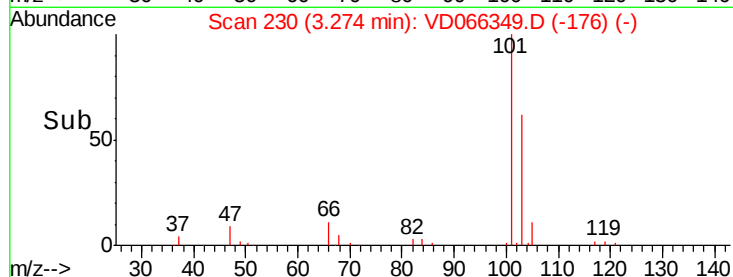
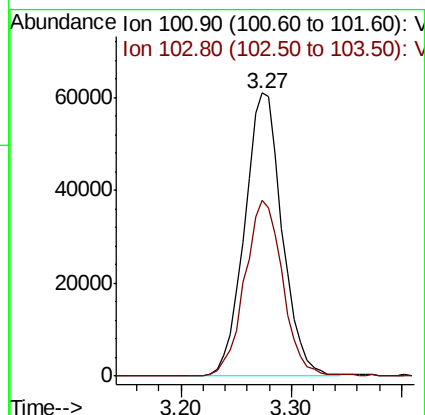
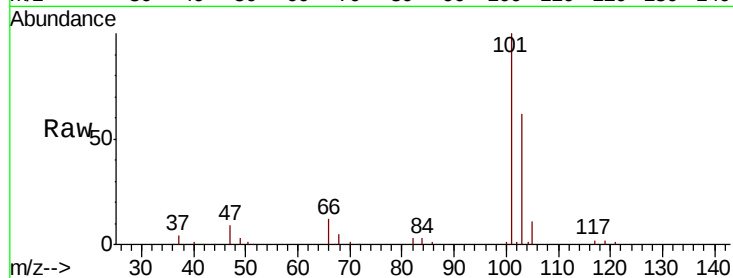


#7

Trichlorofluoromethane
Concen: 50.472 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.02 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

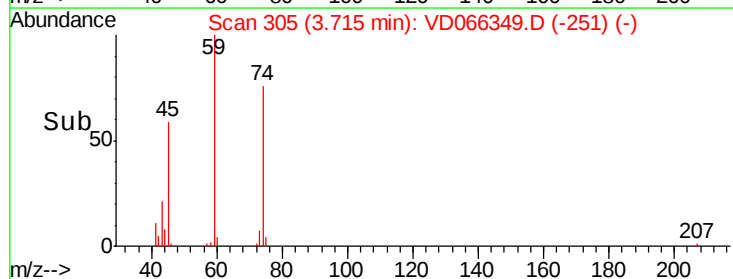
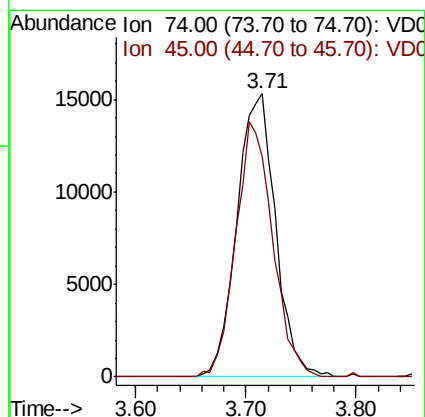
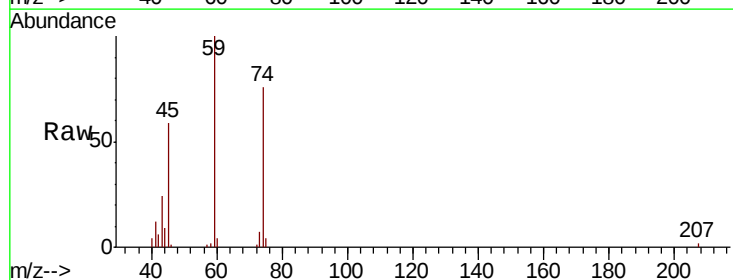
Tot Ion:101 Resp: 145436
Ion Ratio Lower Upper
101 100
103 62.2 53.0 79.6

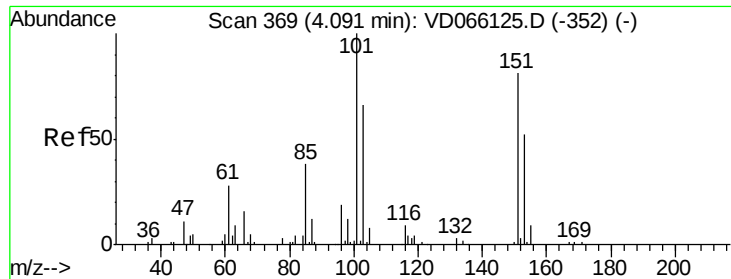


#8

Diethyl Ether
Concen: 46.200 ug/l
RT: 3.71 min Scan# 305
Delta R.T. 0.02 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion: 74 Resp: 37564
Ion Ratio Lower Upper
74 100
45 86.3 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.780 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

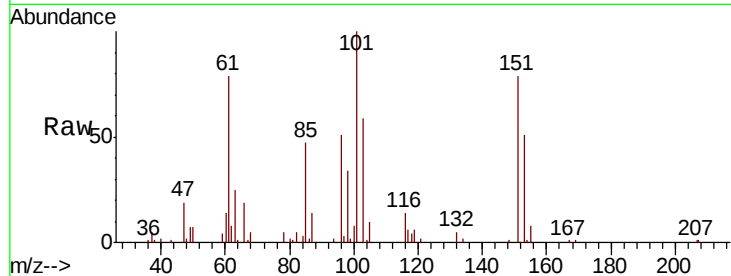
Tot Ion:101 Resp: 78288

Ion Ratio Lower Upper

101 100

85 45.5 33.5 50.3

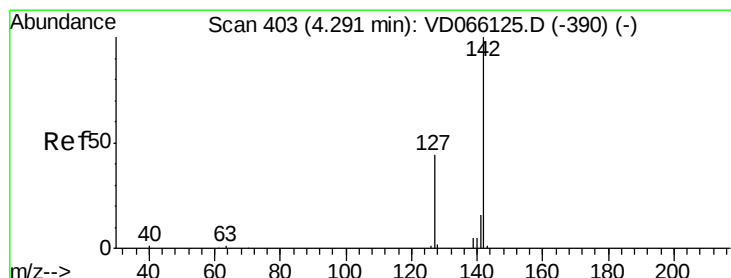
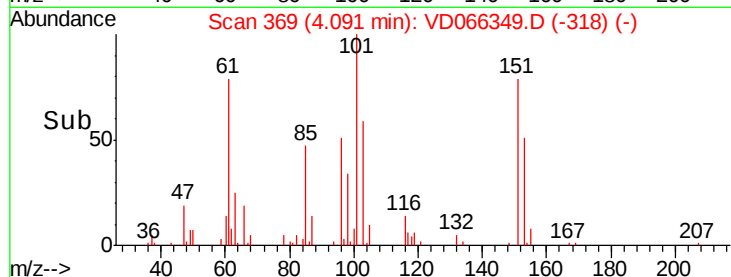
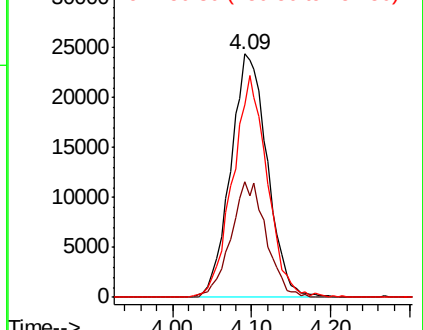
151 86.0 67.8 101.8



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: 57.509 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

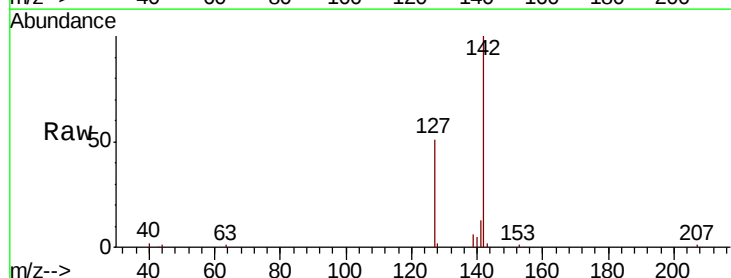
Tgt Ion:142 Resp: 91348

Ion Ratio Lower Upper

142 100

127 51.5 36.2 54.4

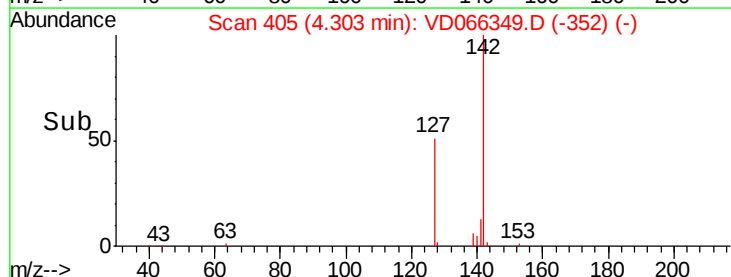
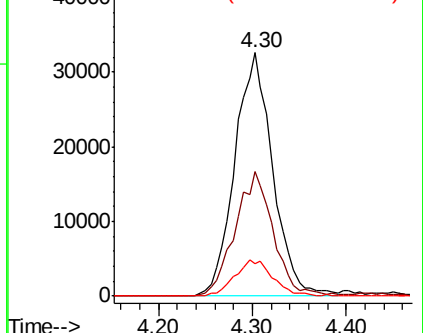
141 14.8 12.6 18.8



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



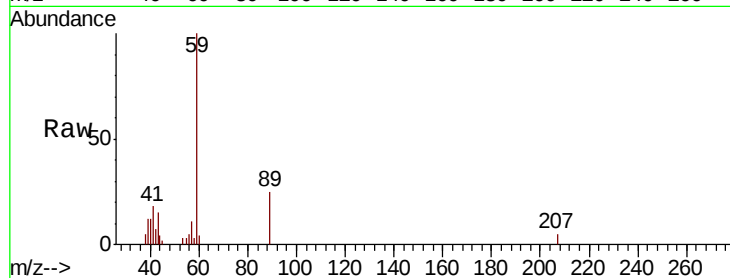


#11

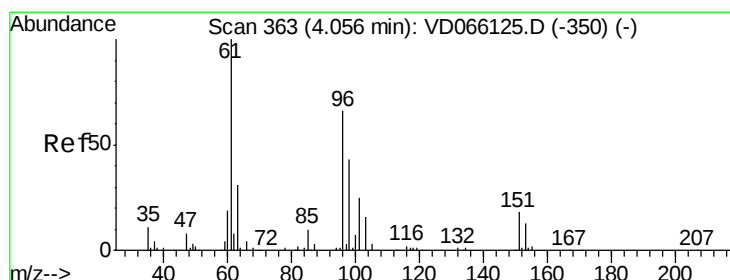
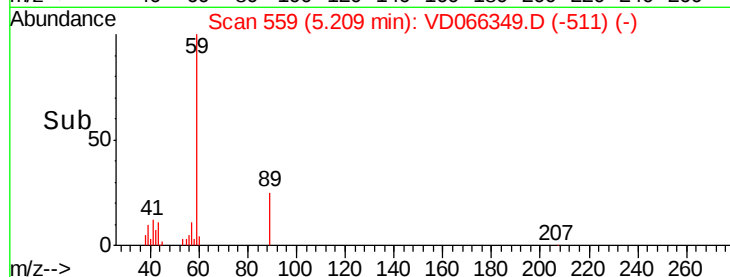
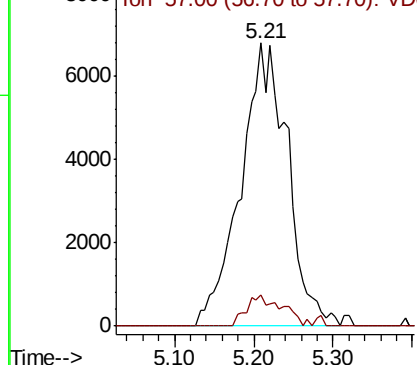
Tert butyl alcohol
Concen: 226.464 ug/l
RT: 5.21 min Scan# 559
Delta R.T. -0.02 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 27916
Ion Ratio Lower Upper
59 100
57 8.3 7.0 10.4



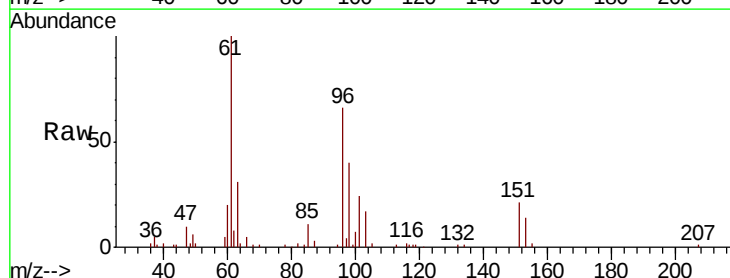
Abundance Ion 59.00 (58.70 to 59.70): VDC
Ion 57.00 (56.70 to 57.70): VDC



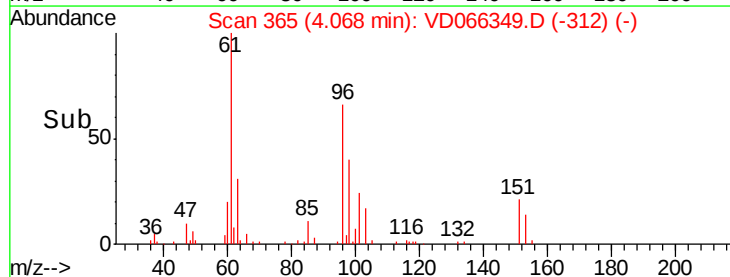
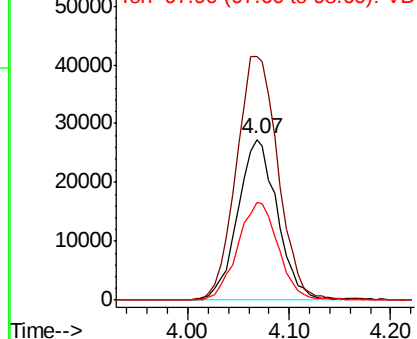
#12

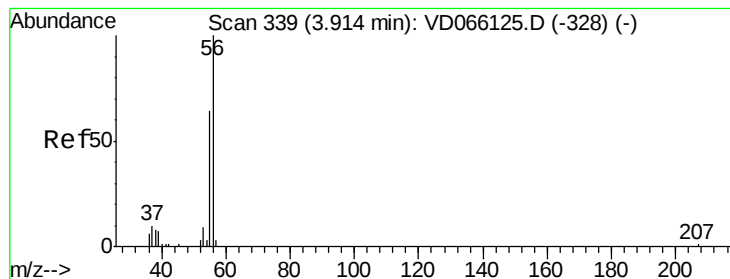
1,1-Dichloroethene
Concen: 45.727 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion: 96 Resp: 73768
Ion Ratio Lower Upper
96 100
61 151.2 121.6 182.4
98 60.9 52.0 78.0



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





#13

Acrolein

Concen: 165.802 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

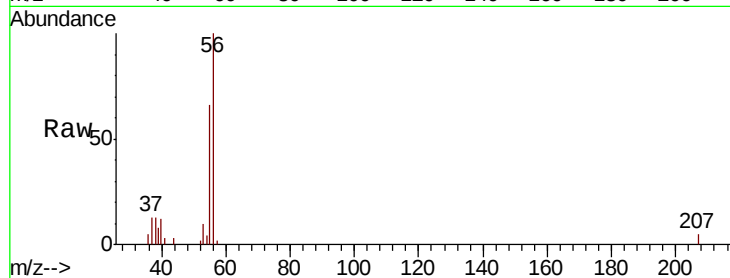
VSTDCCC050EC

Tot Ion: 56 Resp: 21448

Ion Ratio Lower Upper

56 100

55 69.3 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.93

8000

6000

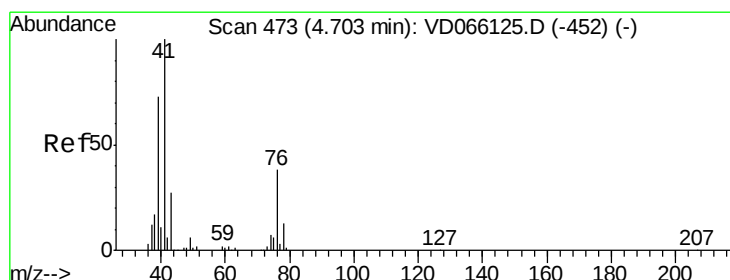
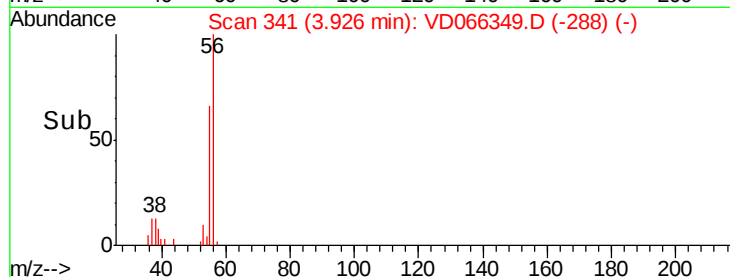
4000

2000

0

Time-->

3.85 3.90 3.95 4.00



#14

Allyl chloride

Concen: 42.503 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

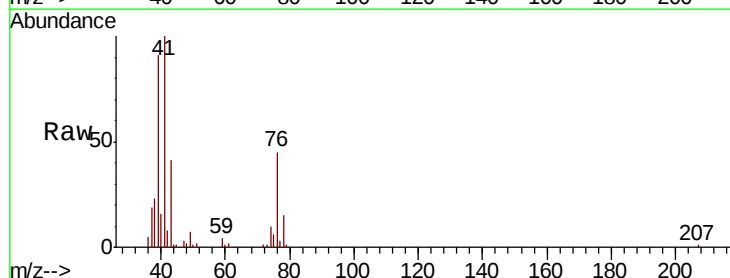
Tgt Ion: 41 Resp: 103877

Ion Ratio Lower Upper

41 100

39 90.1 57.4 86.0#

76 43.7 30.1 45.1



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

4.71

40000

30000

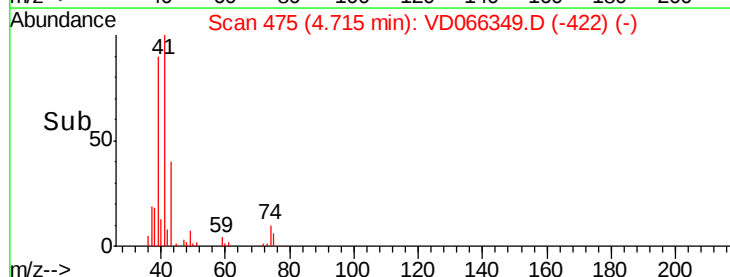
20000

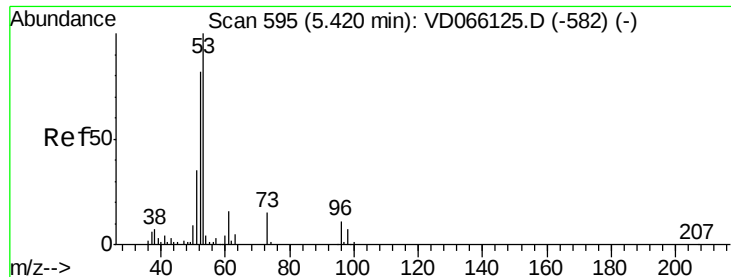
10000

0

Time-->

4.50 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 240.140 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

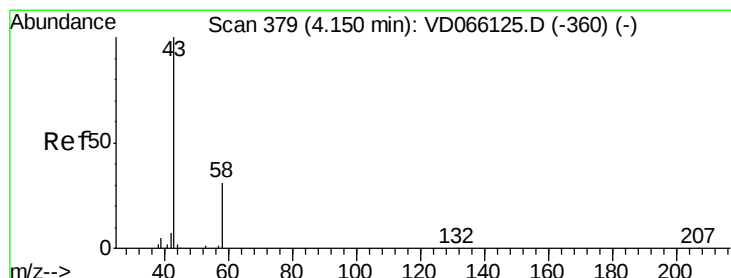
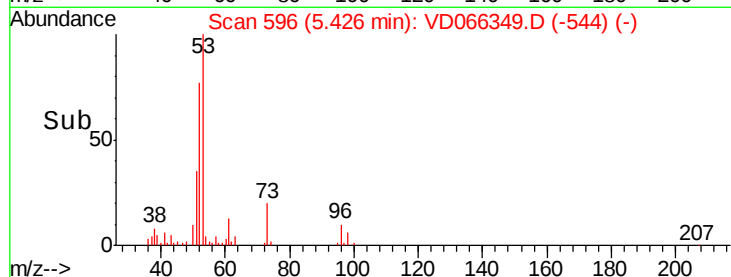
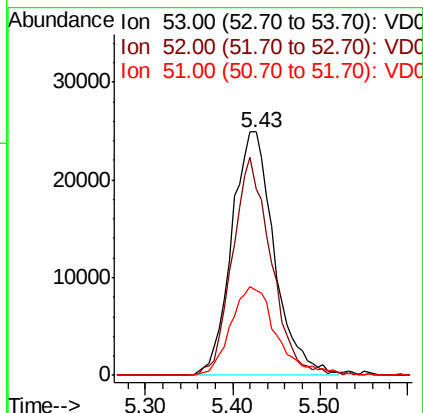
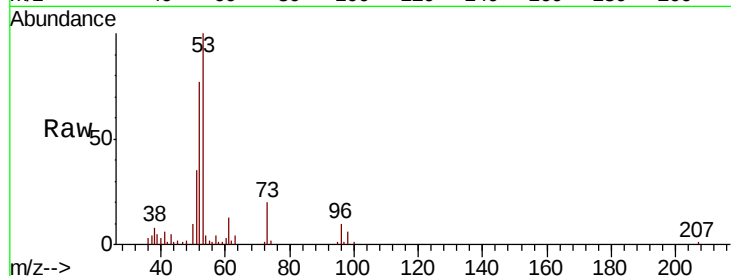
Tot Ion: 53 Resp: 82277

Ion Ratio Lower Upper

53 100

52 81.4 66.1 99.1

51 39.1 30.8 46.2



#16

Acetone

Concen: 213.383 ug/l

RT: 4.15 min Scan# 379

Delta R.T. 0.00 min

Lab File: VD066349.D

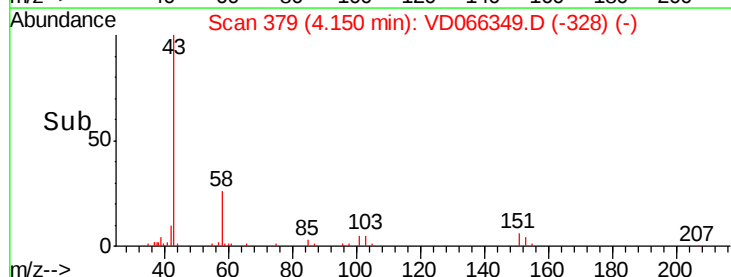
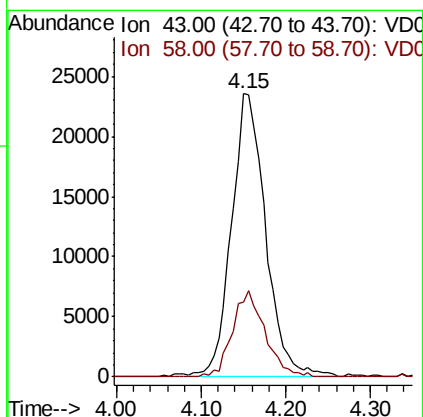
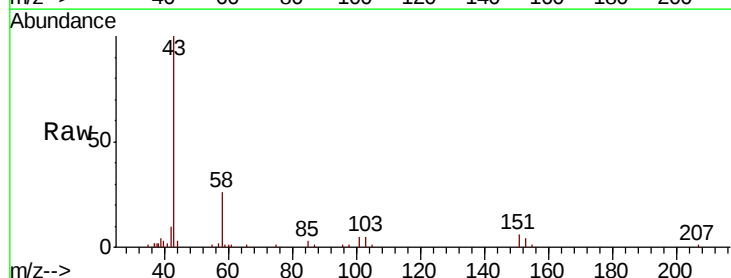
Acq: 20 Aug 2020 07:15

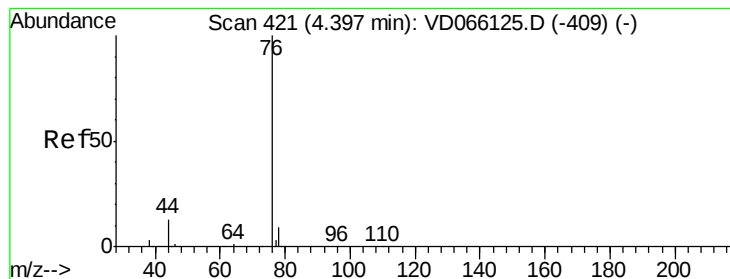
Tgt Ion: 43 Resp: 65799

Ion Ratio Lower Upper

43 100

58 26.4 24.7 37.1





#17

Carbon Disulfide

Concen: 39.499 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.01 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

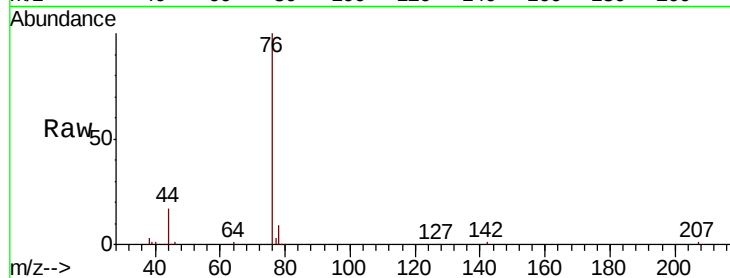
VSTDCCC050EC

Tot Ion: 76 Resp: 202607

Ion Ratio Lower Upper

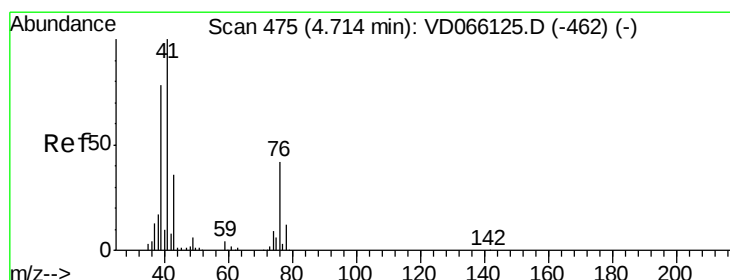
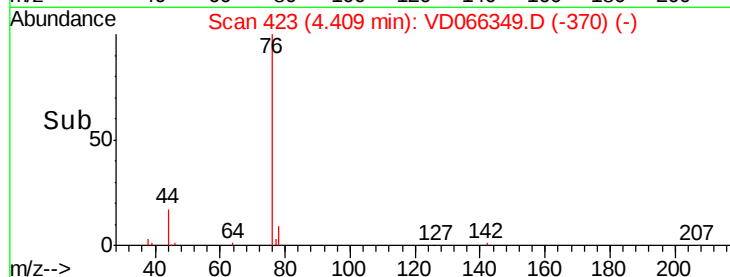
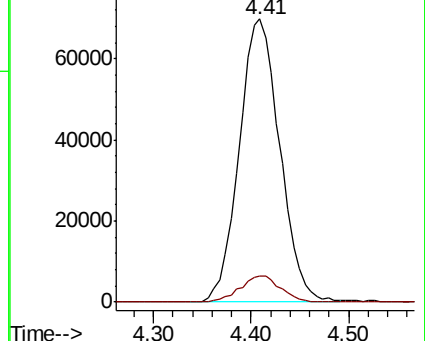
76 100

78 9.2 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 47.334 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD066349.D

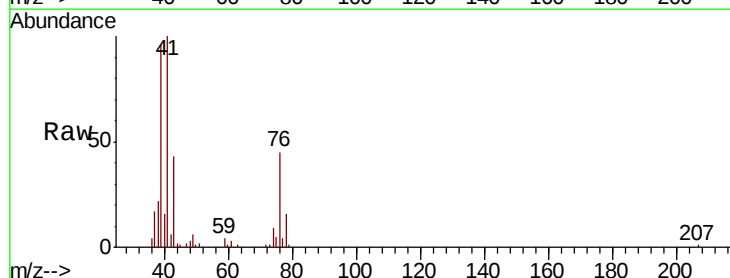
Acq: 20 Aug 2020 07:15

Tgt Ion: 43 Resp: 37074

Ion Ratio Lower Upper

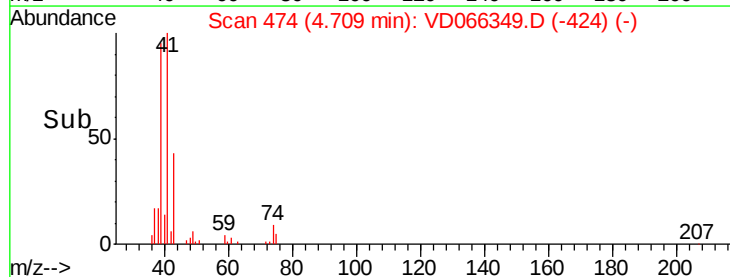
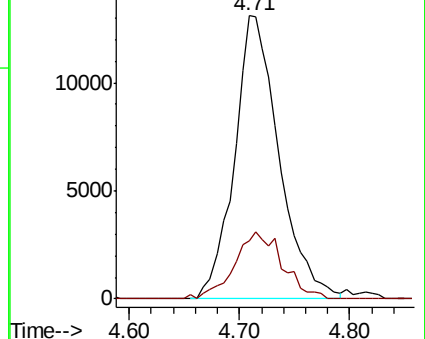
43 100

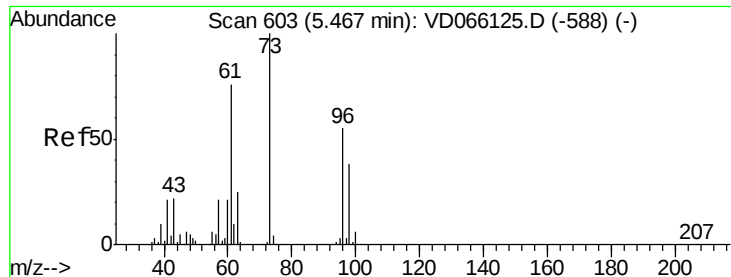
74 25.4 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

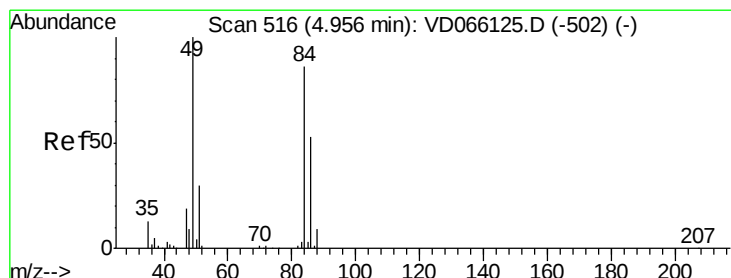
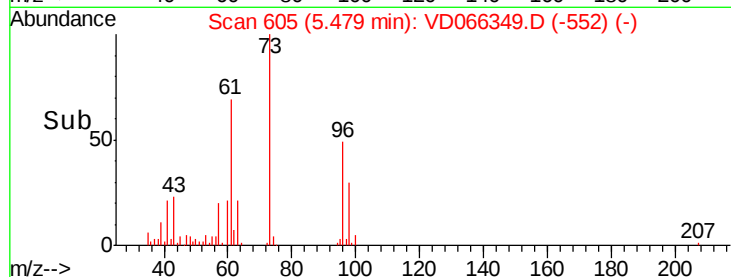
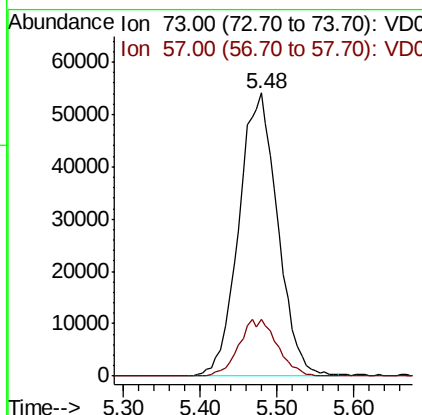
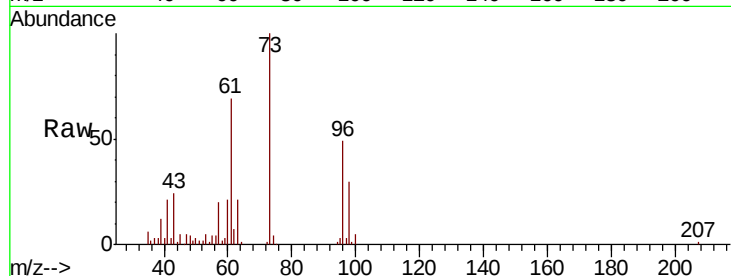




#19
Methyl tert-butyl Ether
Concen: 51.514 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

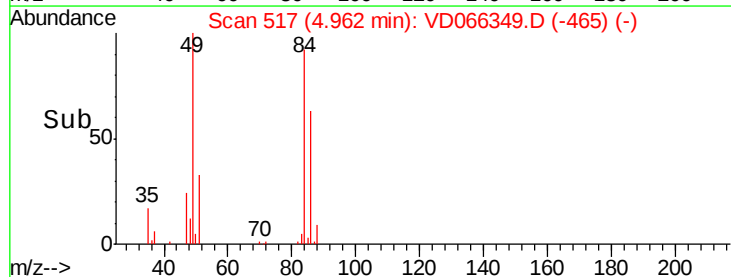
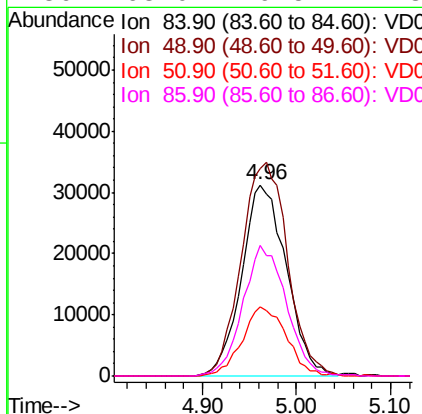
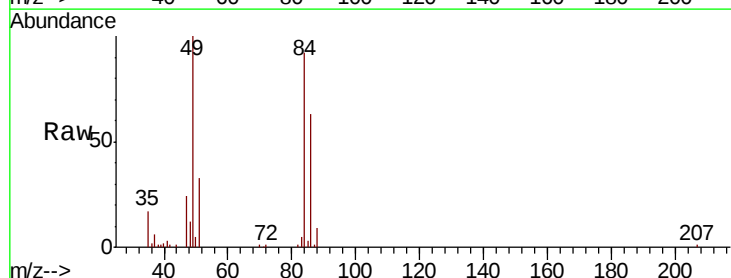
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

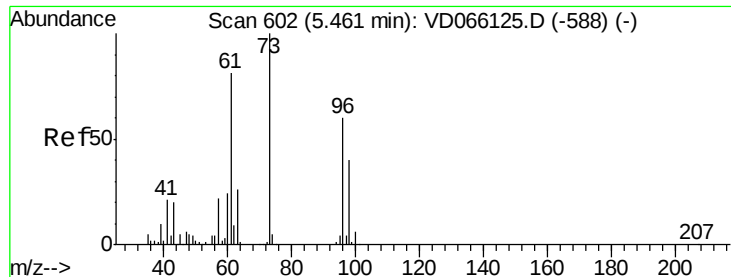
Tot Ion: 73 Resp: 190482
Ion Ratio Lower Upper
73 100
57 20.1 17.1 25.7



#20
Methylene Chloride
Concen: 58.861 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion: 84 Resp: 102772
Ion Ratio Lower Upper
84 100
49 108.7 93.5 140.3
51 36.3 28.2 42.4
86 68.0 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 47.622 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

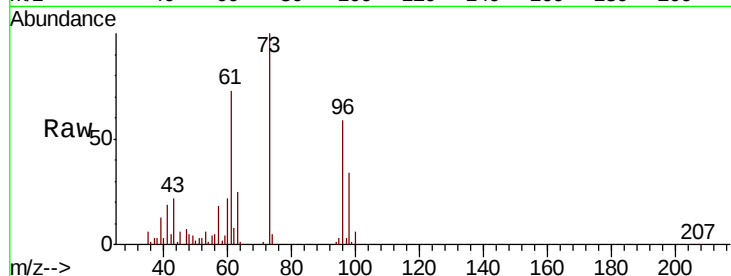
Tot Ion: 96 Resp: 88254

Ion Ratio Lower Upper

96 100

61 122.5 106.9 160.3

98 57.3 53.4 80.0

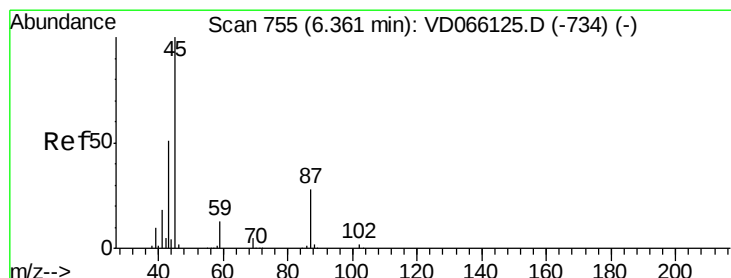
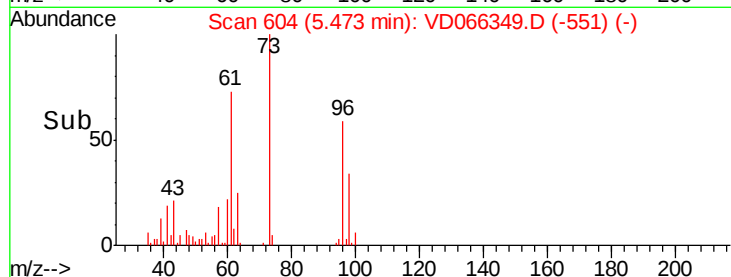
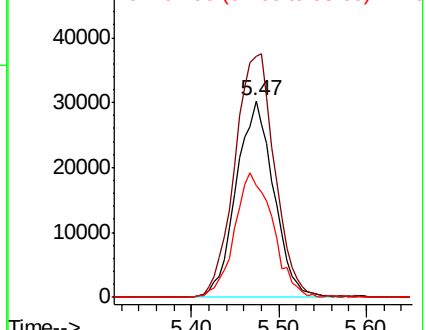


Abundance

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: 44.721 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Tgt Ion: 45 Resp: 216140

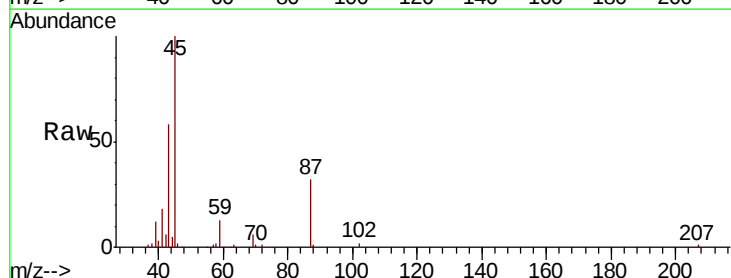
Ion Ratio Lower Upper

45 100

43 57.4 41.2 61.8

87 32.4 22.8 34.2

59 12.5 10.2 15.2



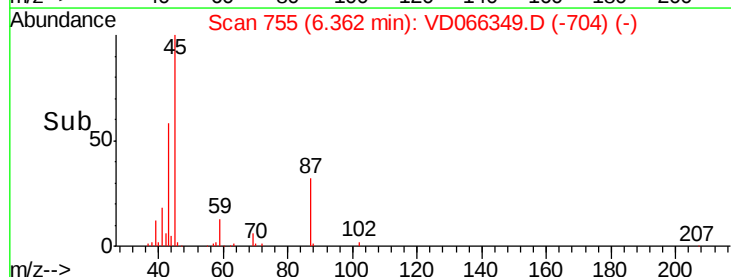
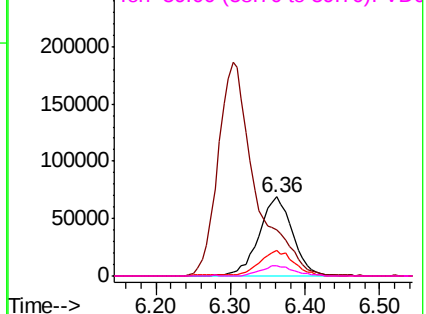
Abundance

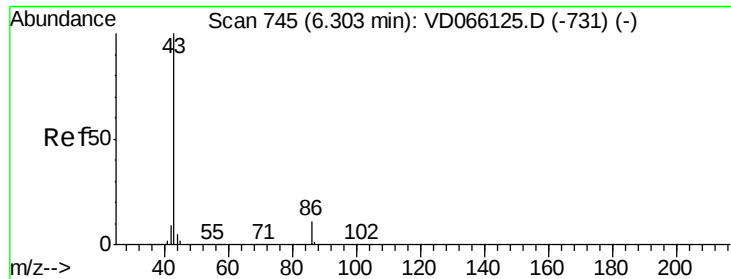
Ion 45.00 (44.70 to 45.70): VDC

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: 228.261 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

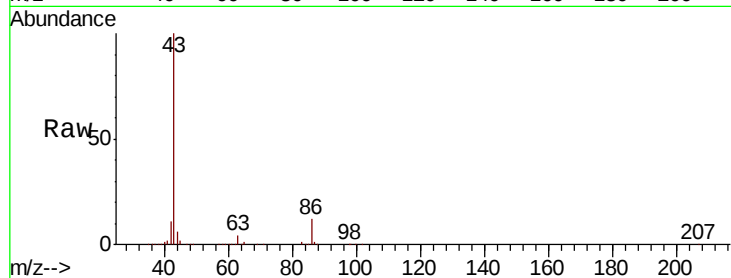
VSTDCCC050EC

Tot Ion: 43 Resp: 646301

Ion Ratio Lower Upper

43 100

86 11.6 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

200000

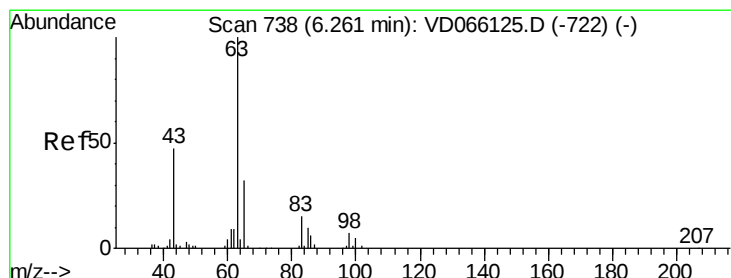
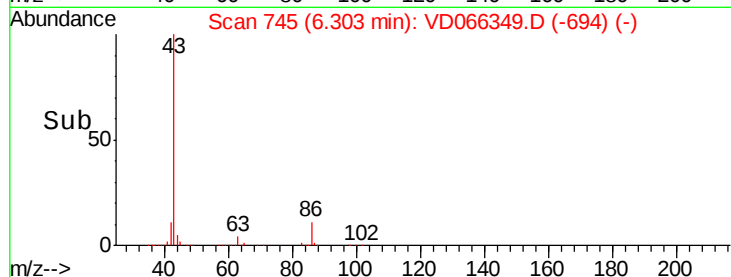
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.551 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

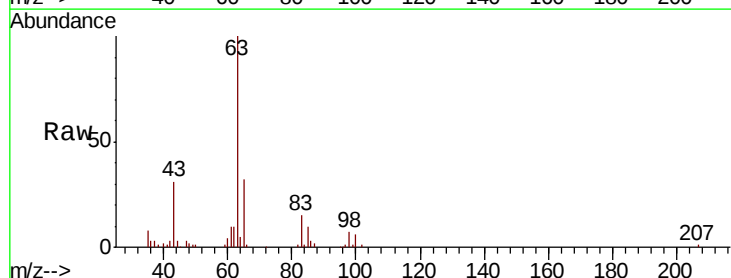
Tgt Ion: 63 Resp: 148209

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 5.9 2.4 7.2



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

6.26

60000

50000

40000

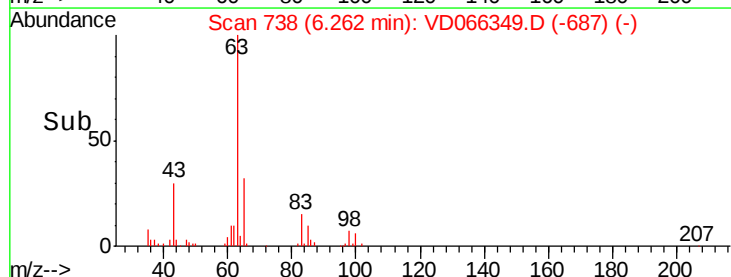
30000

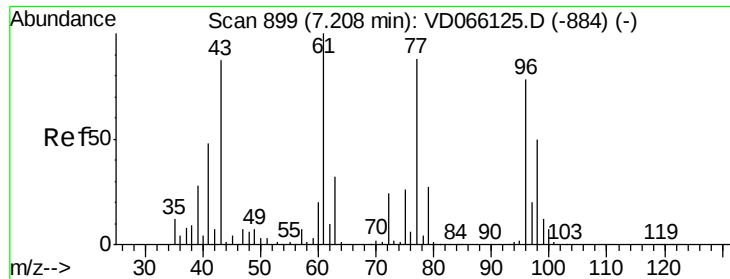
20000

10000

0

Time-->





#25

2-Butanone

Concen: 207.408 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

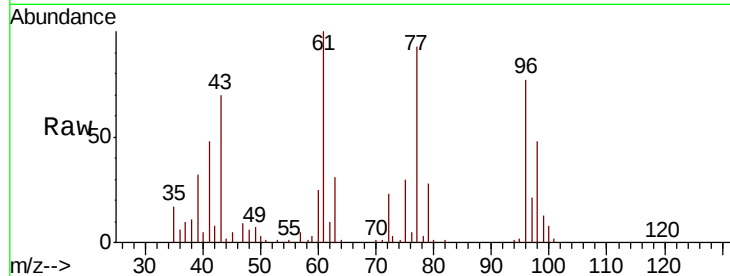
VSTDCCC050EC

Tot Ion: 43 Resp: 94068

Ion Ratio Lower Upper

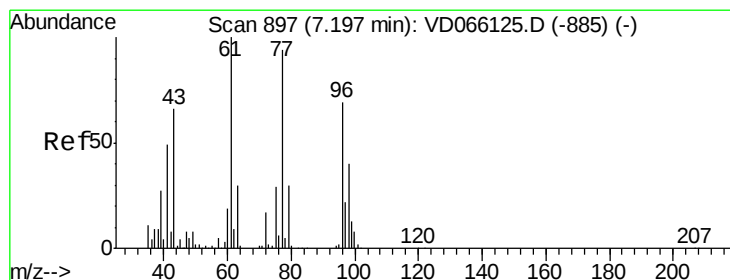
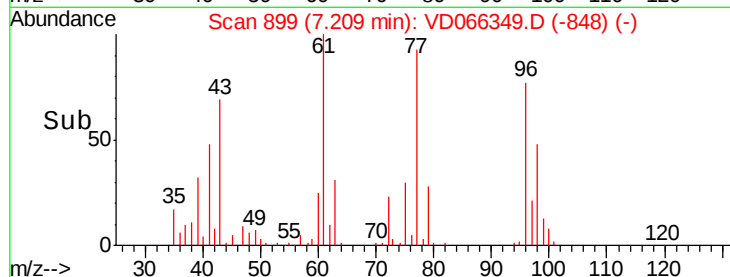
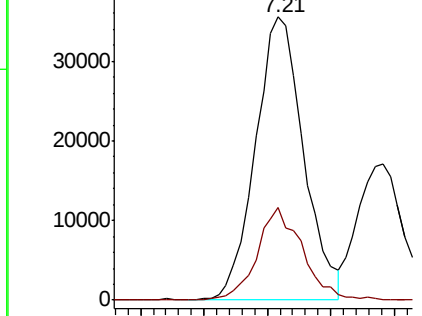
43 100

72 32.5 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 49.543 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.01 min

Lab File: VD066349.D

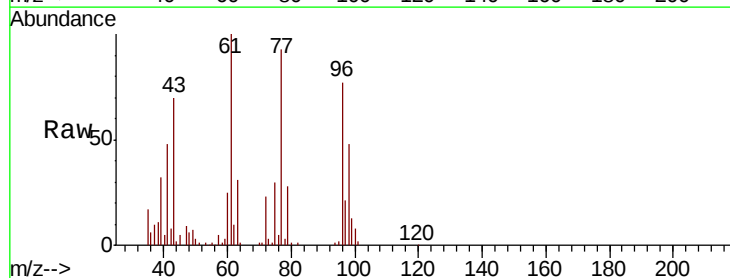
Acq: 20 Aug 2020 07:15

Tgt Ion: 77 Resp: 132812

Ion Ratio Lower Upper

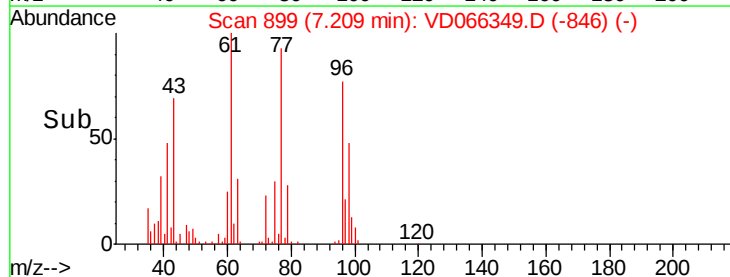
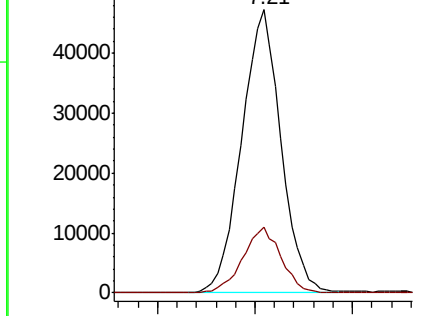
77 100

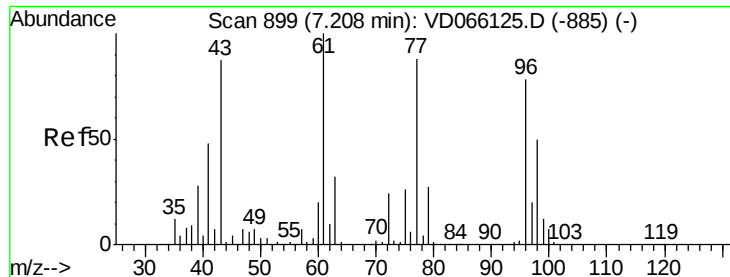
97 22.4 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



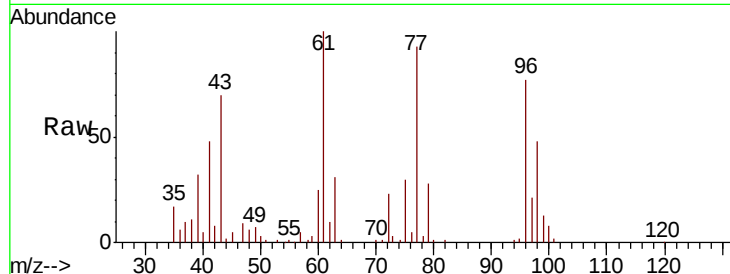


#27

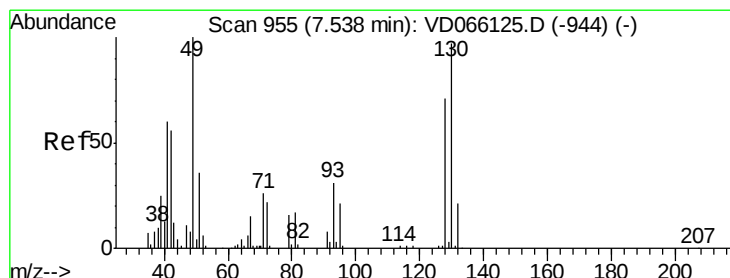
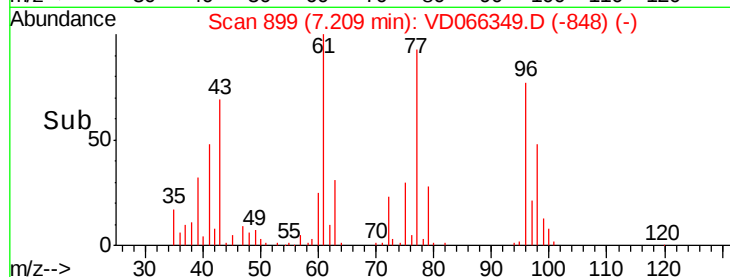
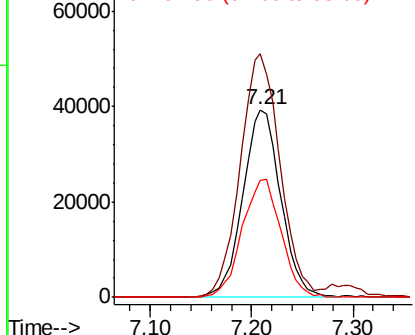
cis-1,2-Dichloroethene
Concen: 52.506 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 102062
Ion Ratio Lower Upper
96 100
61 136.9 0.0 281.6
98 64.7 0.0 130.8



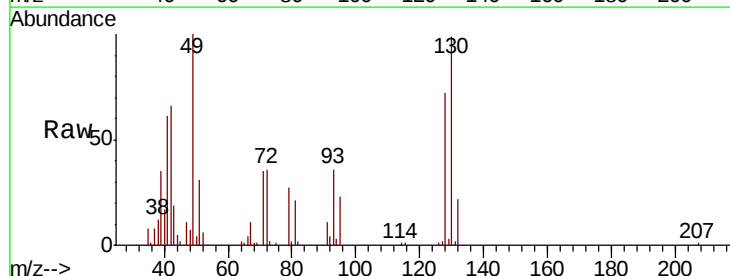
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



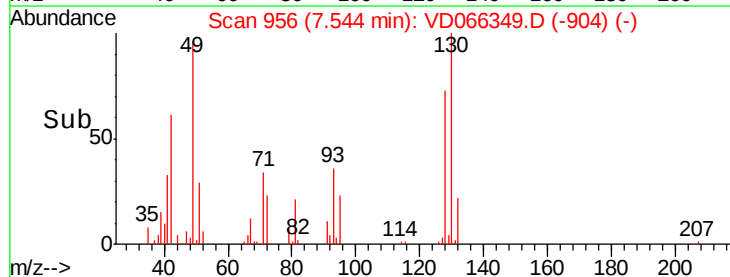
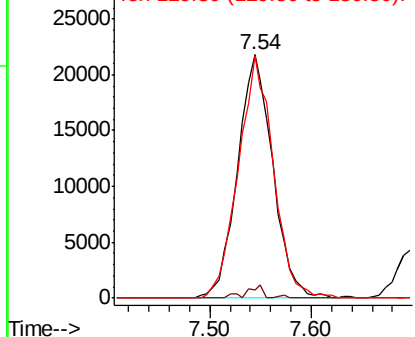
#28

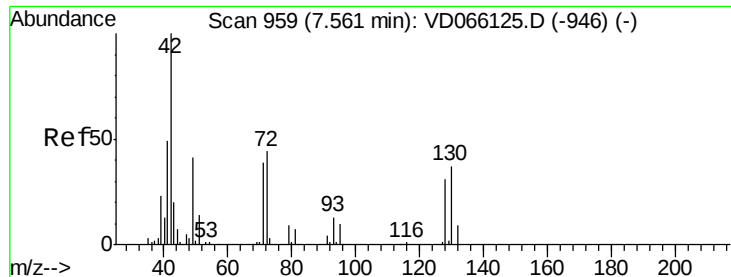
Bromochloromethane
Concen: 50.091 ug/l
RT: 7.54 min Scan# 956
Delta R.T. 0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion: 49 Resp: 52622
Ion Ratio Lower Upper
49 100
129 2.4 0.0 6.0
130 99.0 73.8 110.6



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

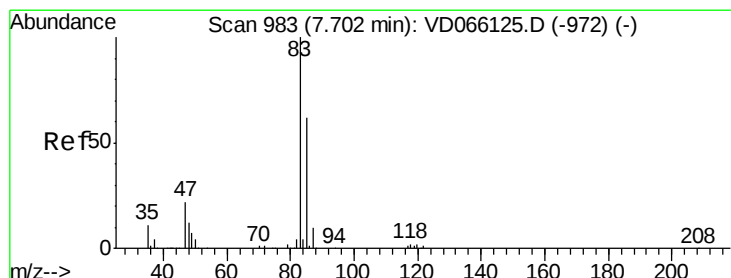
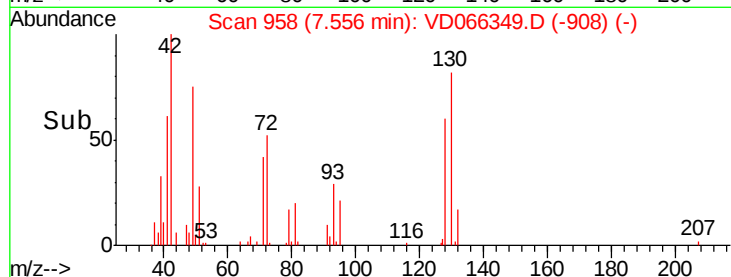
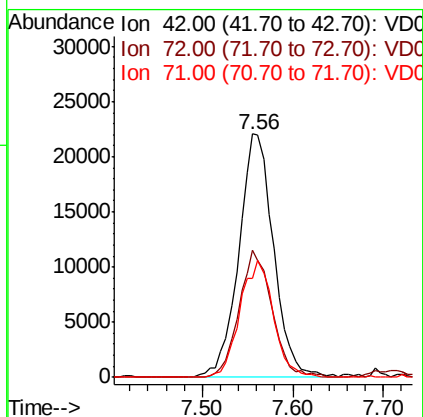
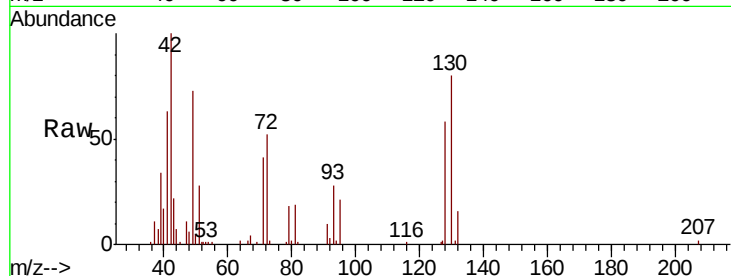




#29
Tetrahydrofuran
Concen: 209.233 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

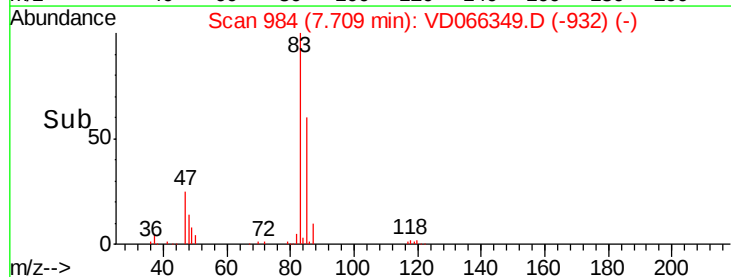
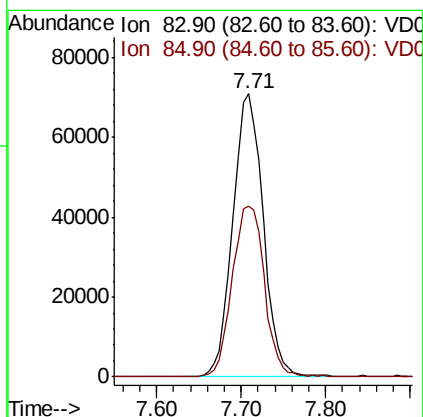
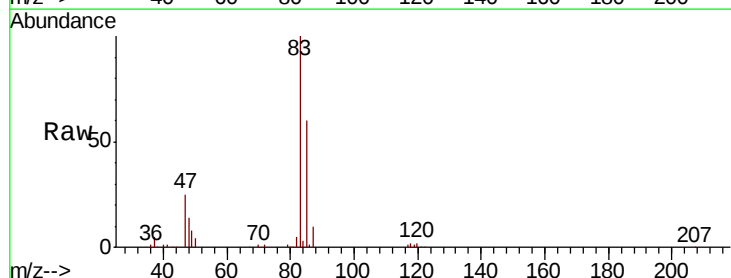
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

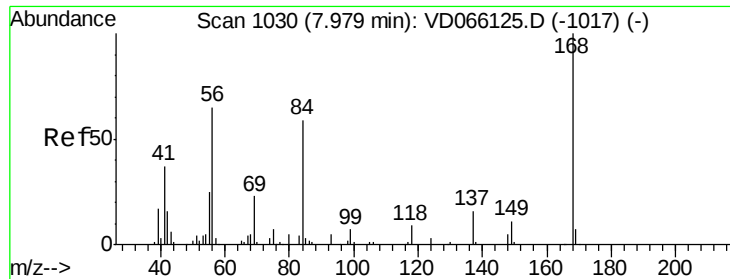
Tot Ion: 42 Resp: 58794
Ion Ratio Lower Upper
42 100
72 49.6 34.8 52.2
71 46.1 33.5 50.3



#30
Chloroform
Concen: 55.996 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion: 83 Resp: 175865
Ion Ratio Lower Upper
83 100
85 60.2 49.5 74.3

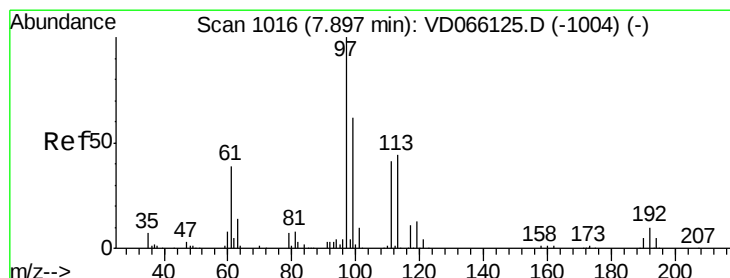
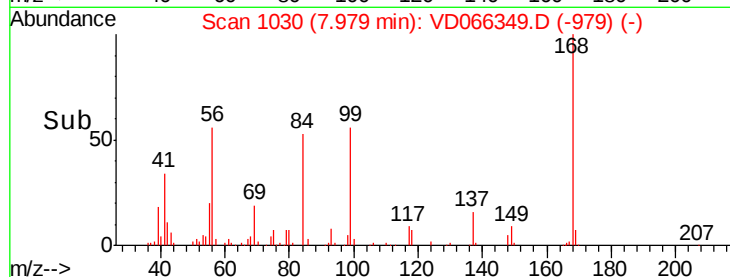
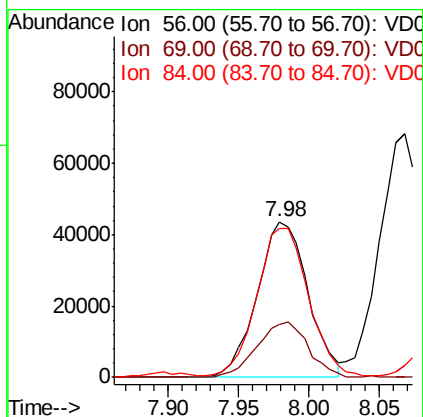
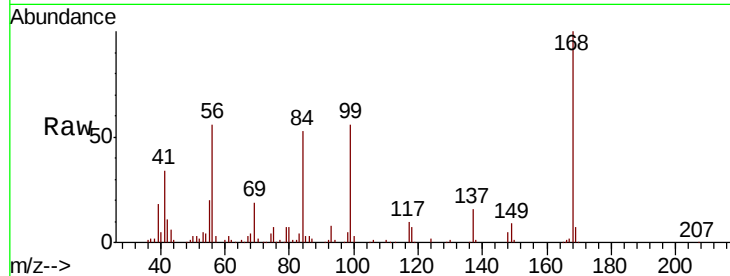




#31
Cyclohexane
Concen: 38.502 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

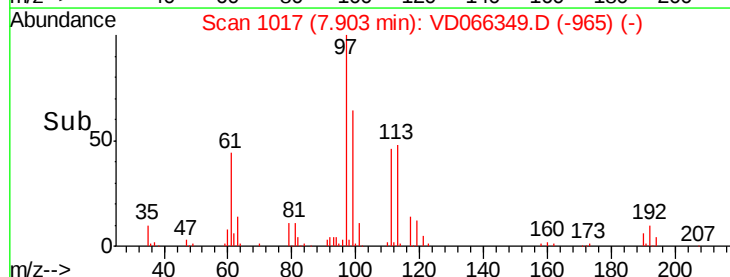
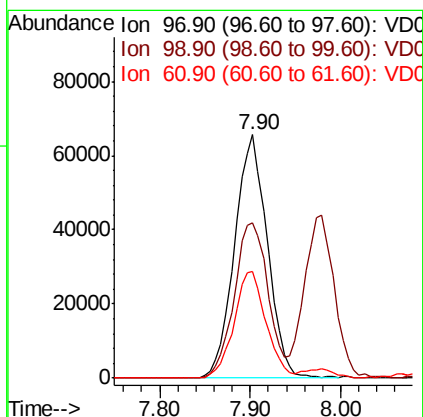
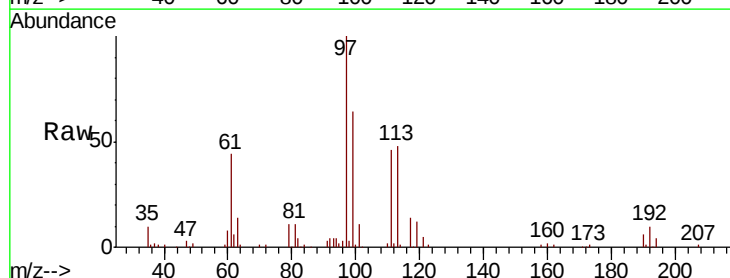
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 109622
Ion Ratio Lower Upper
56 100
69 34.2 28.8 43.2
84 93.8 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 56.125 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion: 97 Resp: 165274
Ion Ratio Lower Upper
97 100
99 65.6 51.1 76.7
61 43.0 32.7 49.1

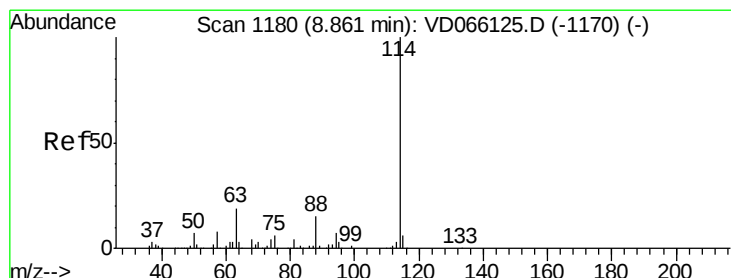
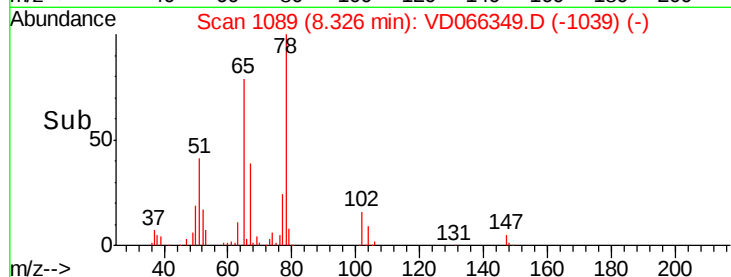
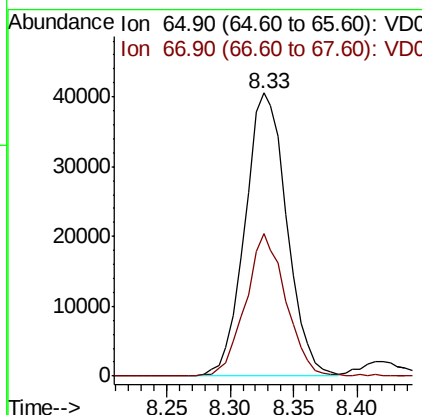
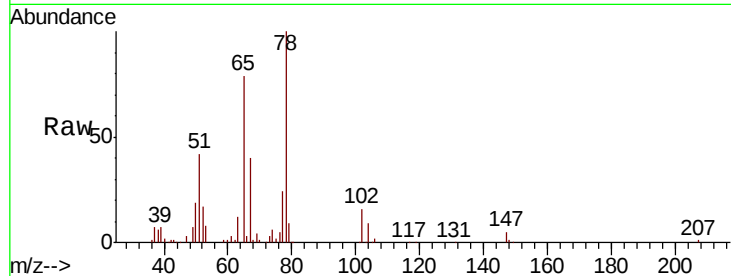




#33
 1,2-Dichloroethane-d4
 Concen: 57.263 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

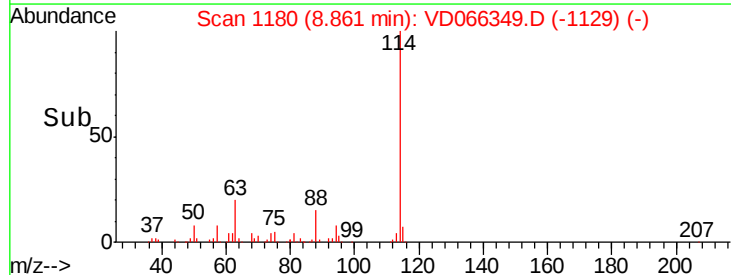
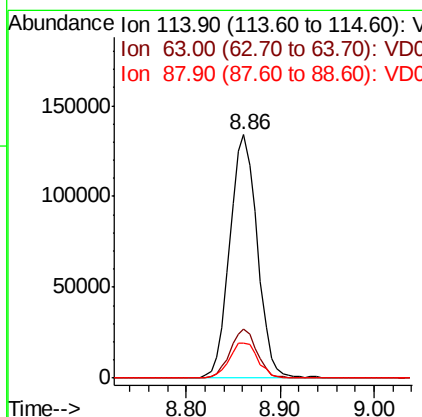
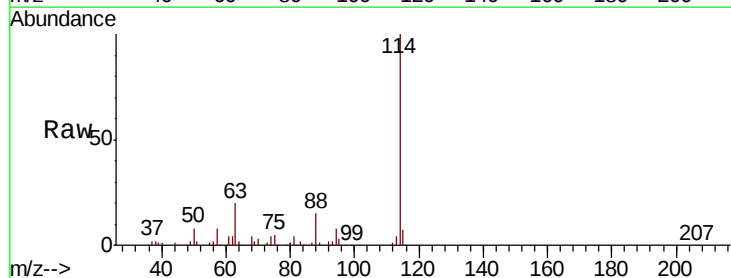
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

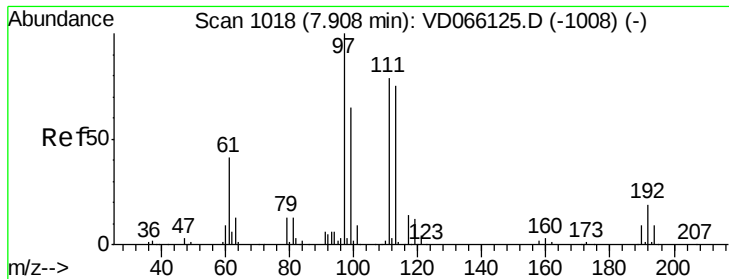
Tot Ion: 65 Resp: 93061
 Ion Ratio Lower Upper
 65 100
 67 48.5 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

Tgt Ion: 114 Resp: 273182
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.6
 88 14.5 0.0 30.0

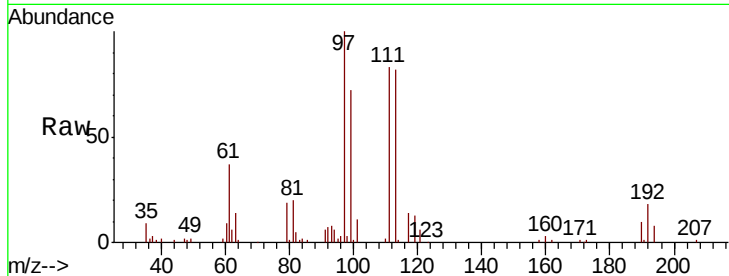




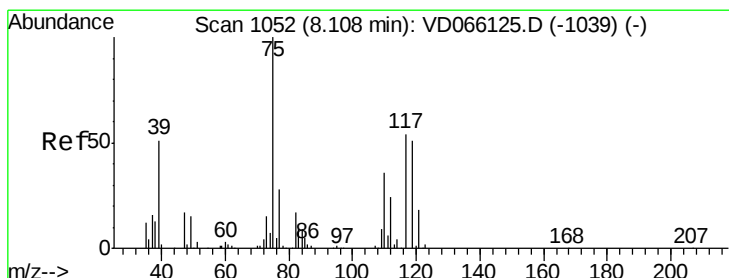
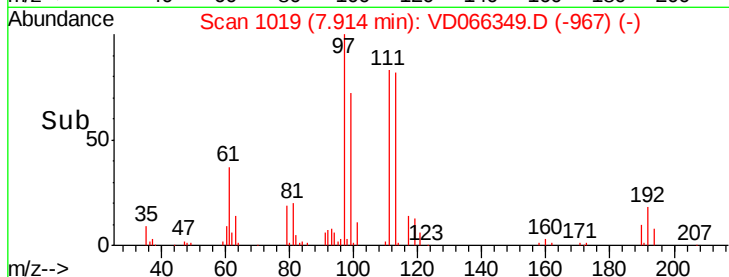
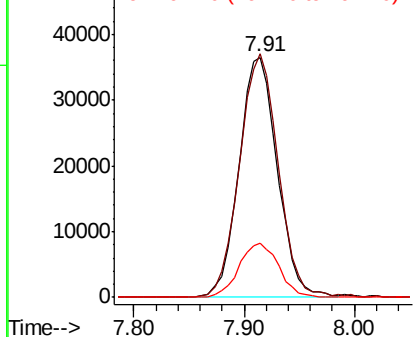
#35
Dibromofluoromethane
Concen: 51.565 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:113 Resp: 89237
Ion Ratio Lower Upper
113 100
111 102.4 80.7 121.1
192 23.2 18.4 27.6

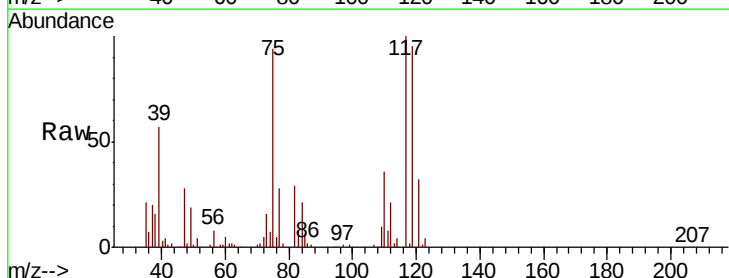


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

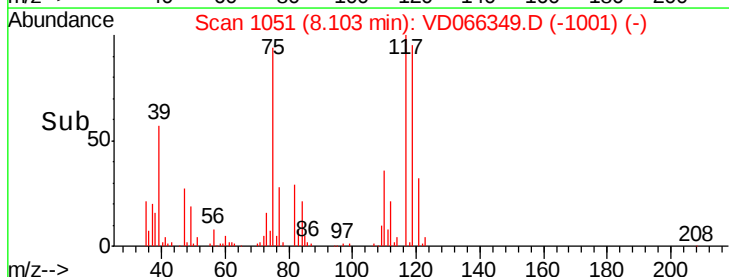
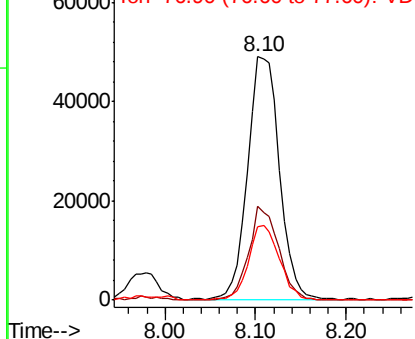


#36
1,1-Dichloropropene
Concen: 46.861 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion: 75 Resp: 120296
Ion Ratio Lower Upper
75 100
110 35.8 18.8 56.3
77 29.7 24.2 36.2



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

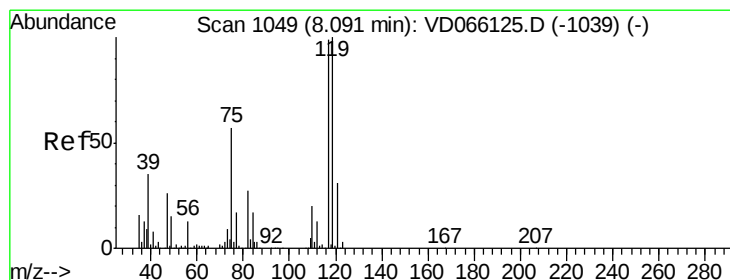
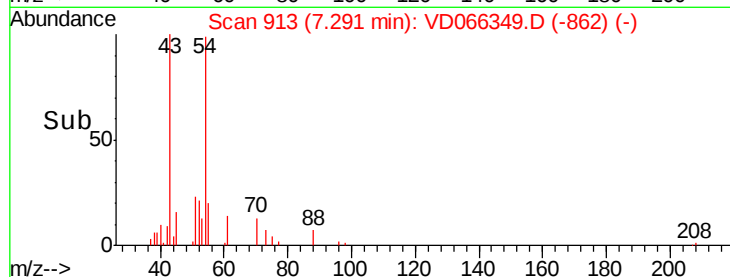
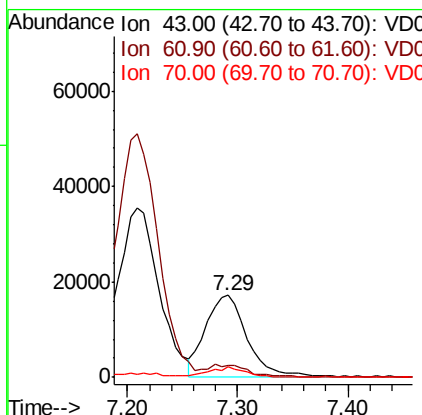
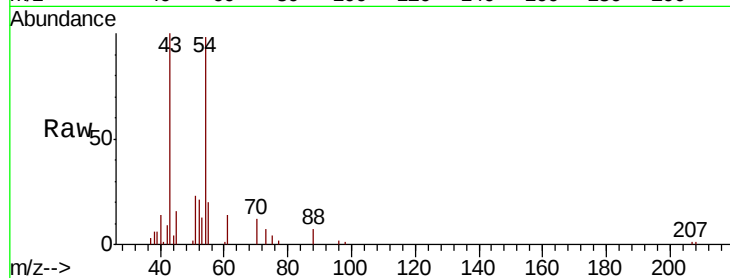




#37
Ethyl Acetate
Concen: 43.441 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

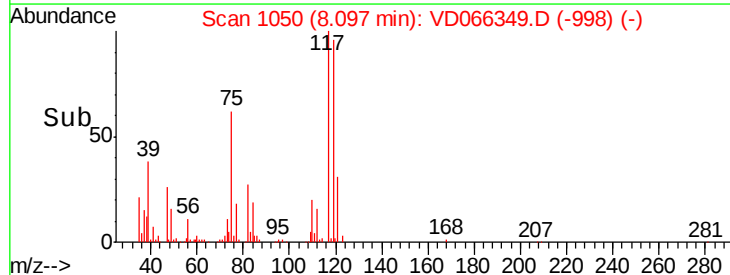
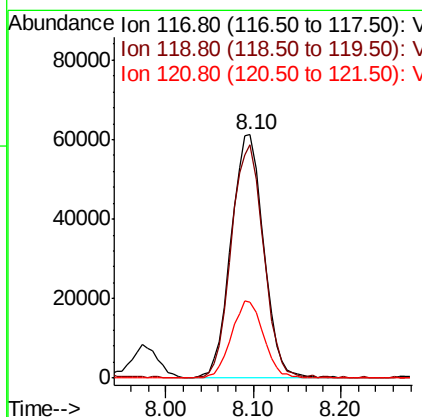
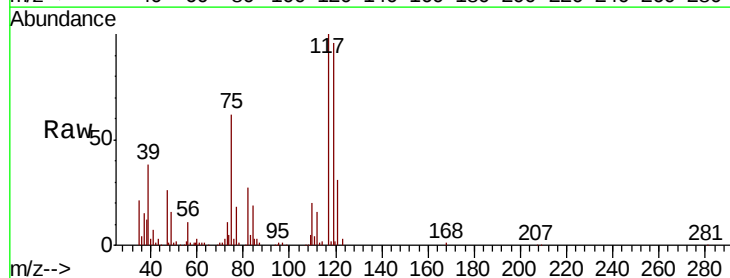
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

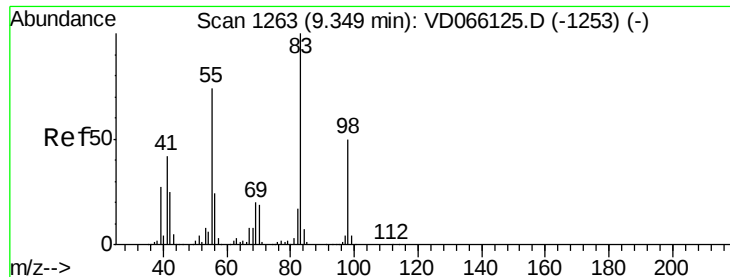
Tot Ion: 43 Resp: 44184
Ion Ratio Lower Upper
43 100
61 14.8 12.0 18.0
70 11.0 9.7 14.5



#38
Carbon Tetrachloride
Concen: 54.020 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion: 117 Resp: 154642
Ion Ratio Lower Upper
117 100
119 95.9 81.0 121.4
121 31.1 24.8 37.2

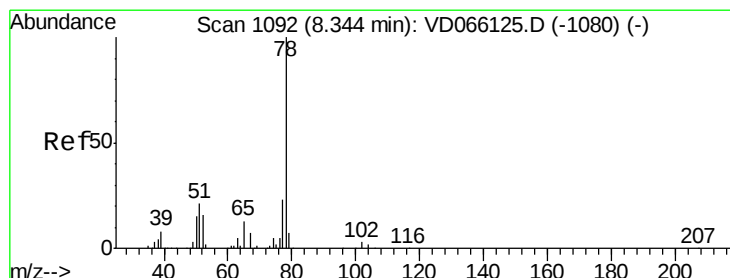
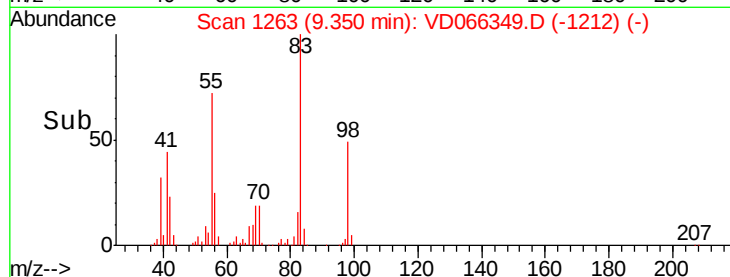
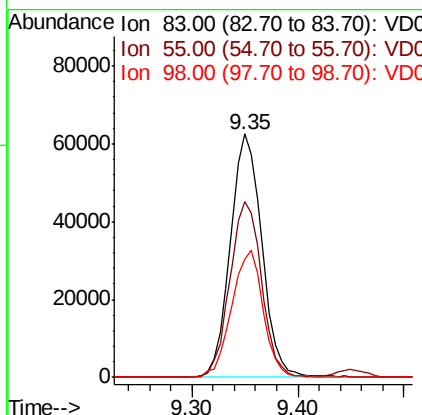
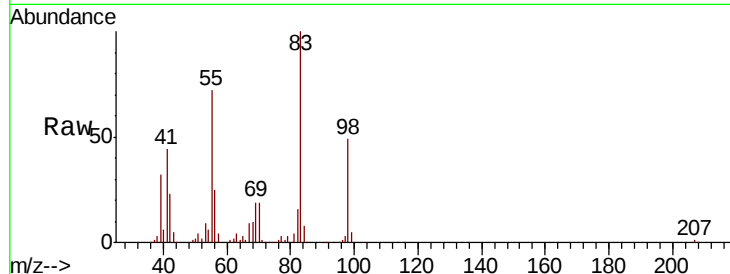




#39
Methvlcvclohexane
Concen: 41.570 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

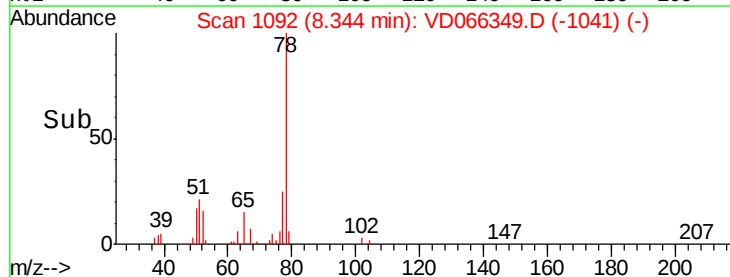
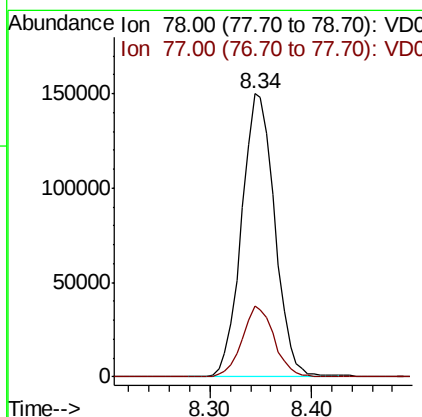
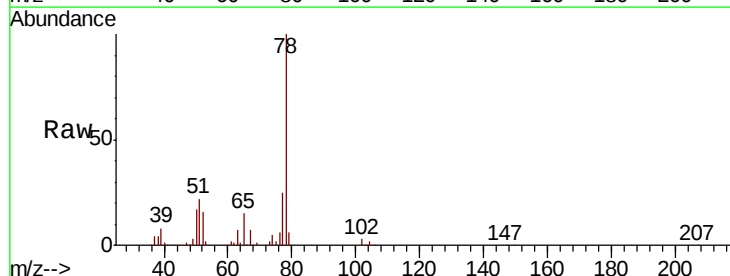
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

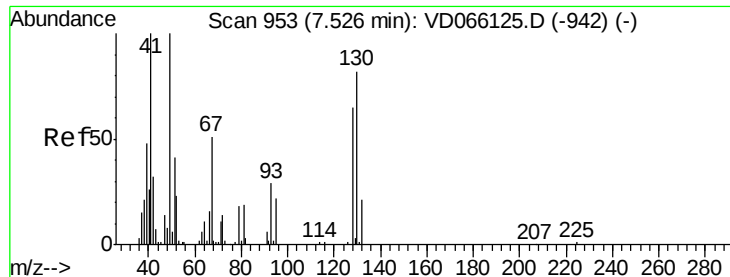
Tot Ion: 83 Resp: 128999
Ion Ratio Lower Upper
83 100
55 72.4 59.2 88.8
98 48.7 39.8 59.6



#40
Benzene
Concen: 47.785 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion: 78 Resp: 340290
Ion Ratio Lower Upper
78 100
77 25.0 18.6 27.8

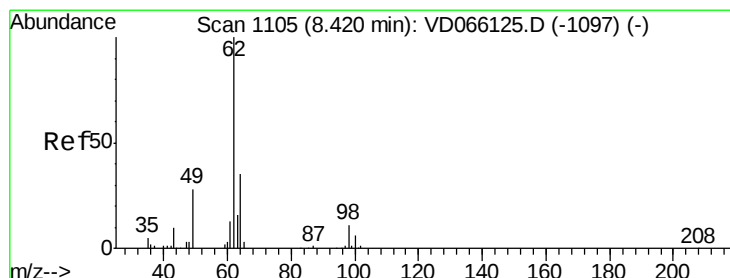
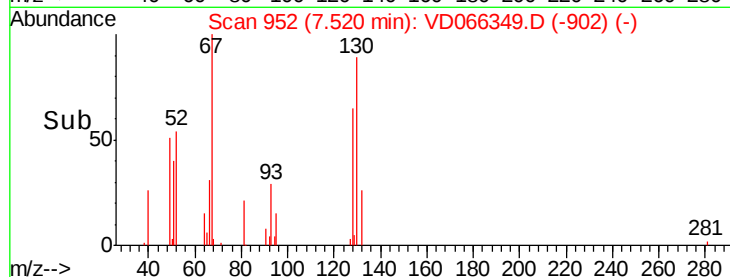
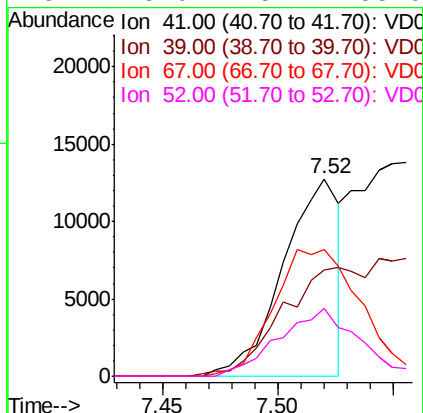
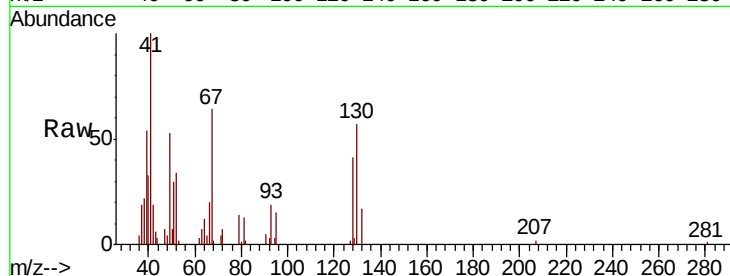




#41
Methacrylonitrile
Concen: 36.465 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

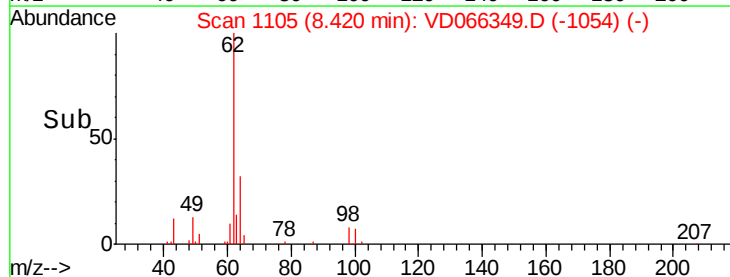
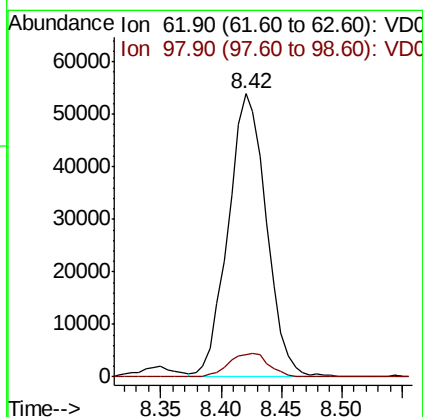
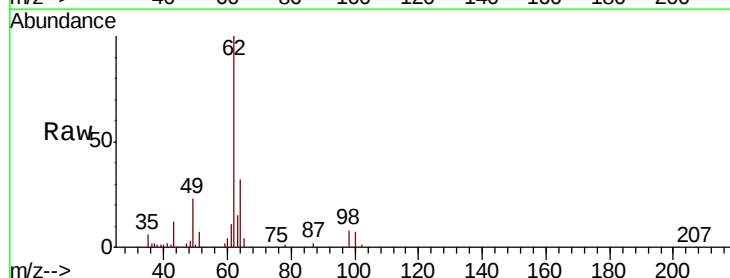
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

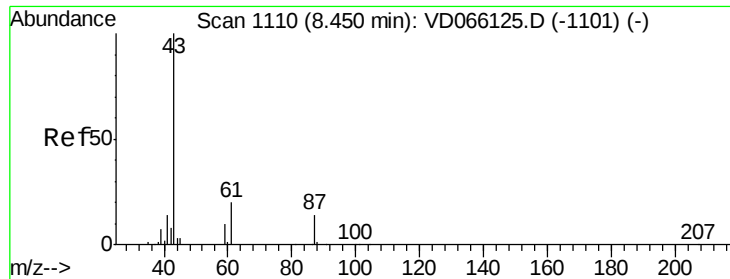
Tot Ion	Ratio	Lower	Upper
41	100		
39	80.1	47.5	71.3#
67	98.8	59.1	88.7#
52	48.0	25.4	38.0#



#42
1,2-Dichloroethane
Concen: 56.803 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	20.4





#43

Isopropyl Acetate

Concen: 45.194 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

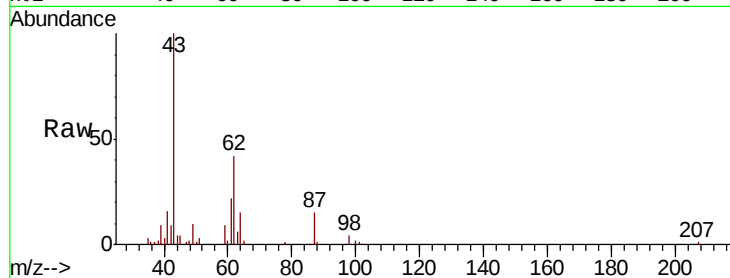
Tot Ion: 43 Resp: 90570

Ion Ratio Lower Upper

43 100

61 32.5 25.5 38.3

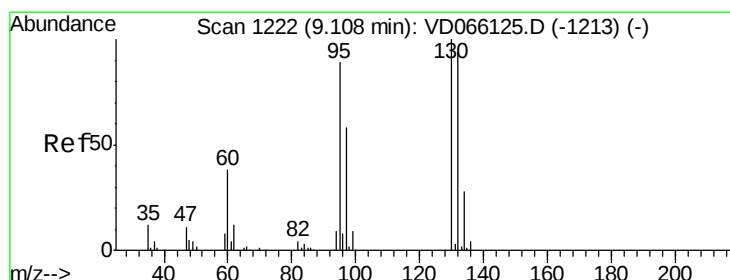
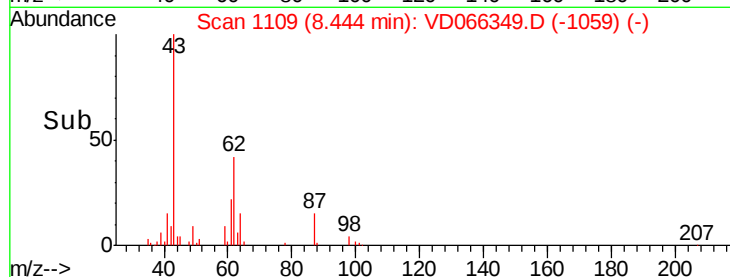
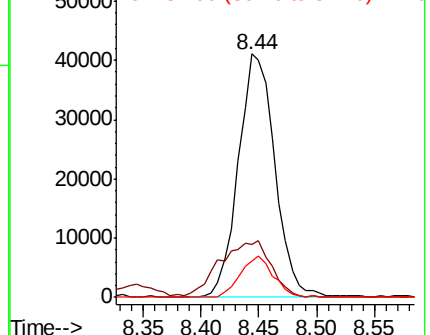
87 15.2 11.2 16.8



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: 49.031 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066349.D

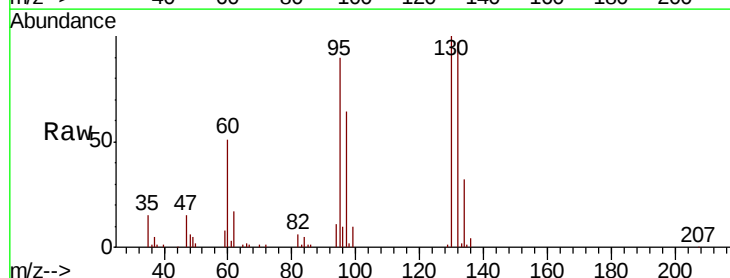
Acq: 20 Aug 2020 07:15

Tgt Ion:130 Resp: 105216

Ion Ratio Lower Upper

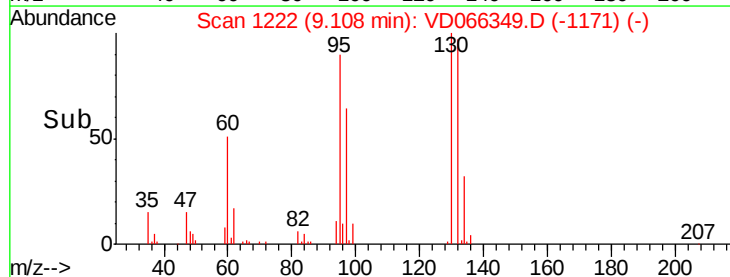
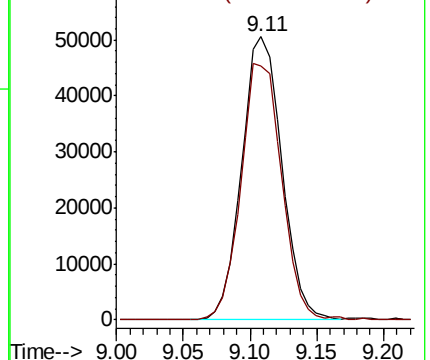
130 100

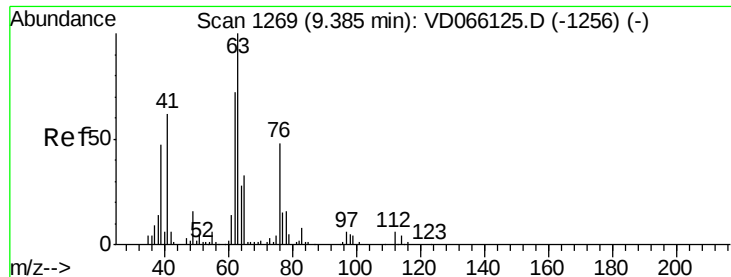
95 89.8 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 45.221 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

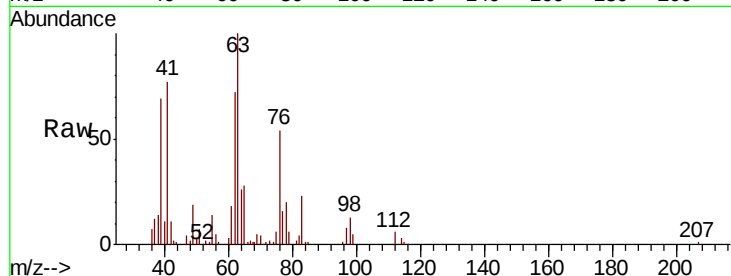
VSTDCCC050EC

Tot Ion: 63 Resp: 78761

Ion Ratio Lower Upper

63 100

65 27.9 26.5 39.7



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

40000

30000

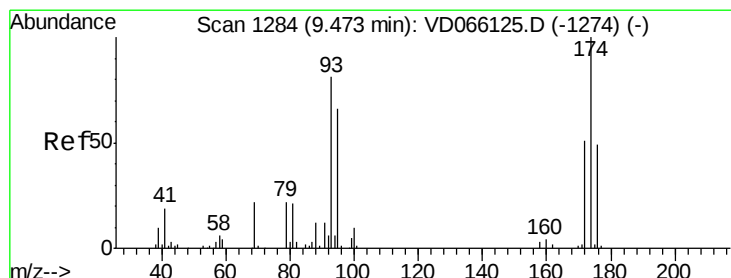
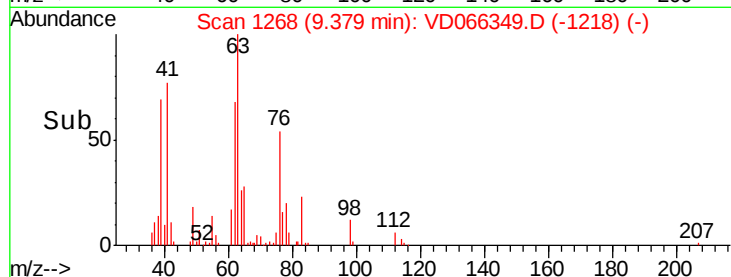
20000

10000

0

9.30 9.40 9.50

Time-->



#46

Dibromomethane

Concen: 49.772 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

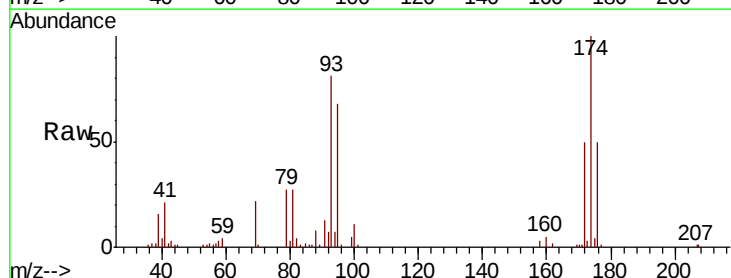
Tgt Ion: 93 Resp: 47749

Ion Ratio Lower Upper

93 100

95 83.5 65.8 98.6

174 117.8 92.8 139.2



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

40000

30000

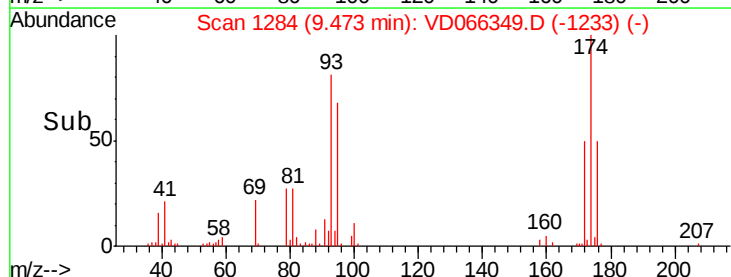
20000

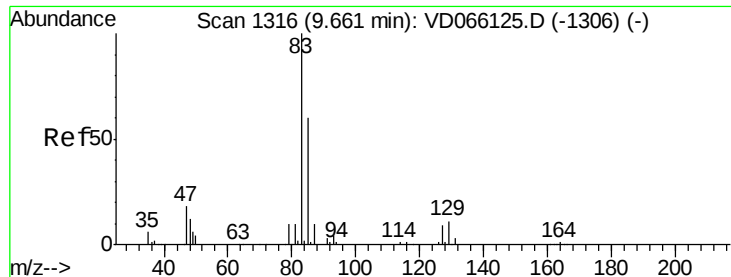
10000

0

9.40 9.45 9.50 9.55

Time-->





#47

Bromodichloromethane

Concen: 54.364 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

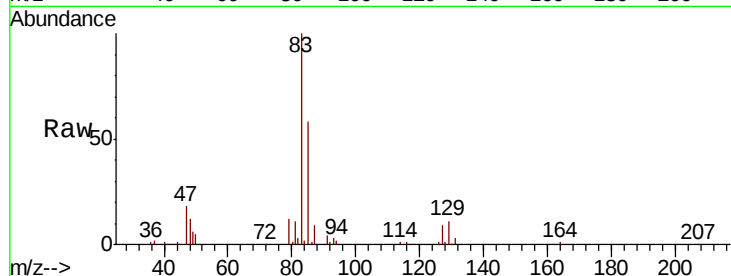
Tot Ion: 83 Resp: 137845

Ion Ratio Lower Upper

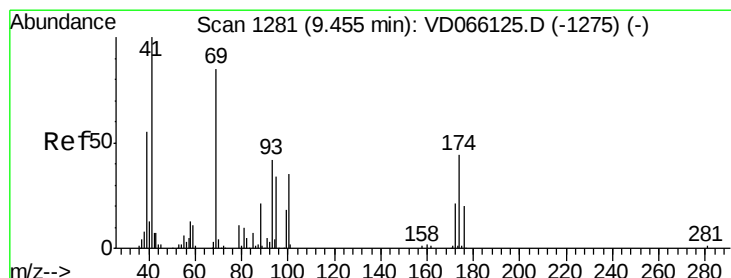
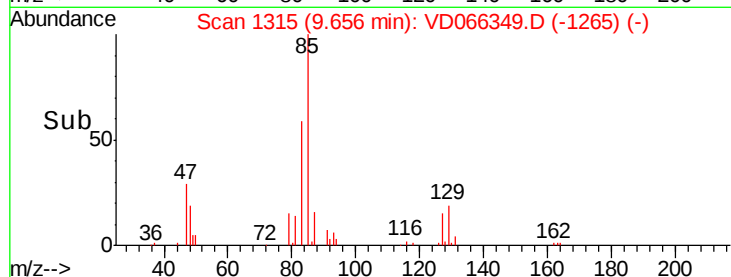
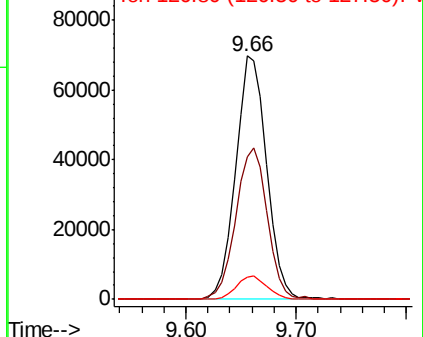
83 100

85 58.5 48.2 72.4

127 9.0 7.3 10.9



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: 42.068 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

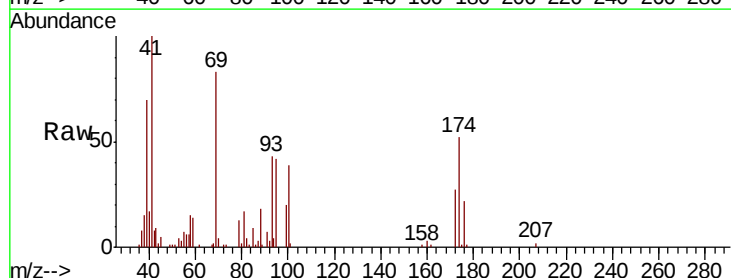
Tgt Ion: 41 Resp: 43048

Ion Ratio Lower Upper

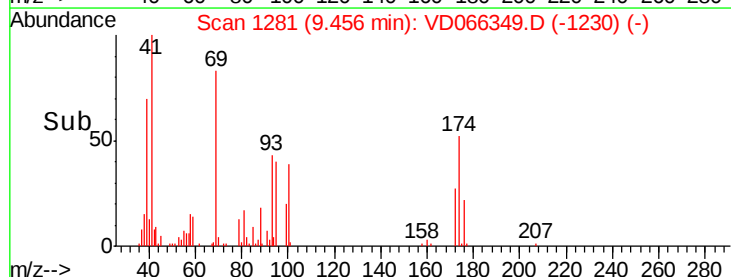
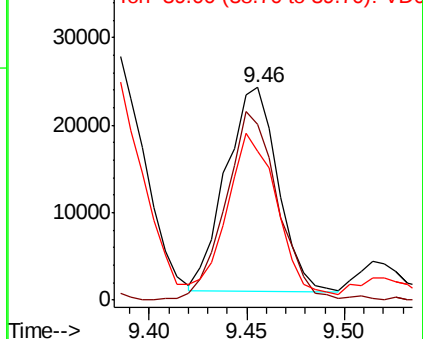
41 100

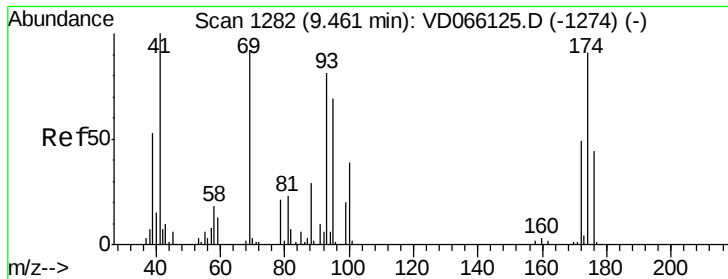
69 92.8 63.9 95.9

39 81.1 42.6 64.0#



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

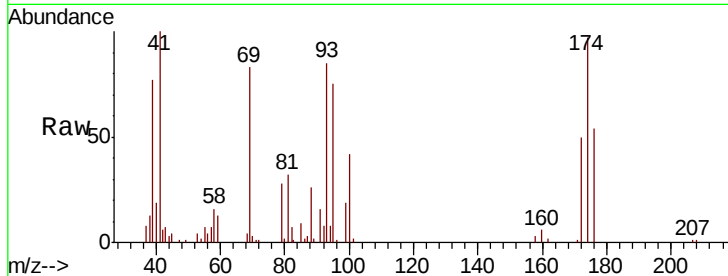




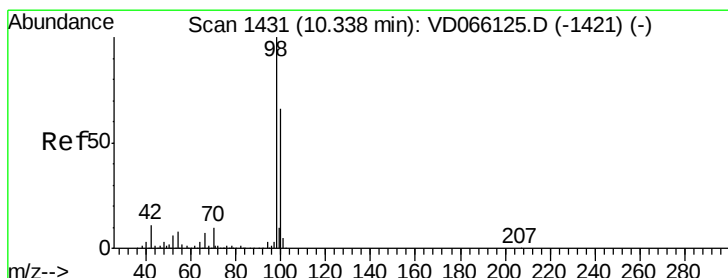
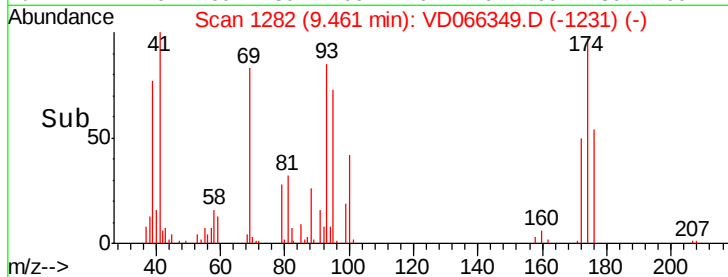
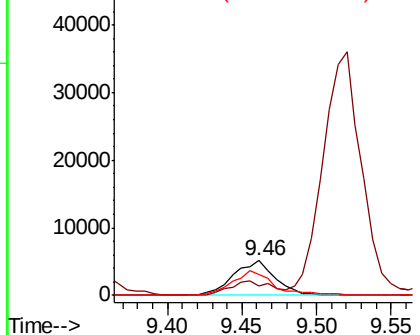
#49
 1,4-Dioxane
 Concen: 812.551 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 10015
 Ion Ratio Lower Upper
 88 100
 43 42.1 27.5 41.3#
 58 69.2 50.2 75.4

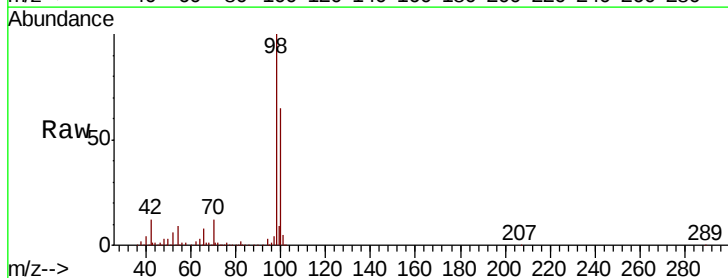


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

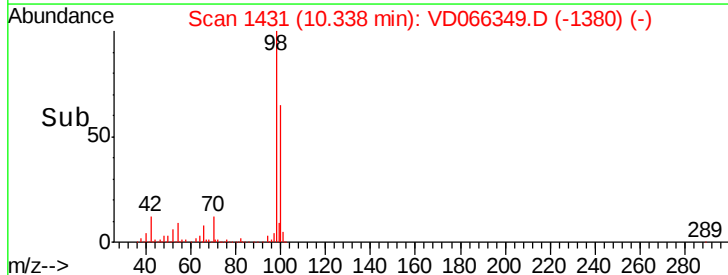
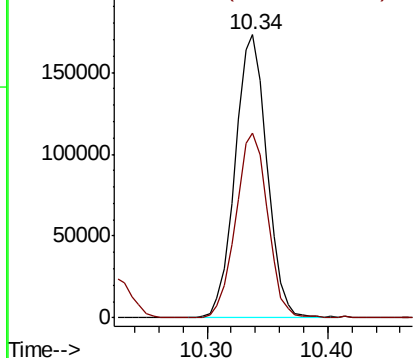


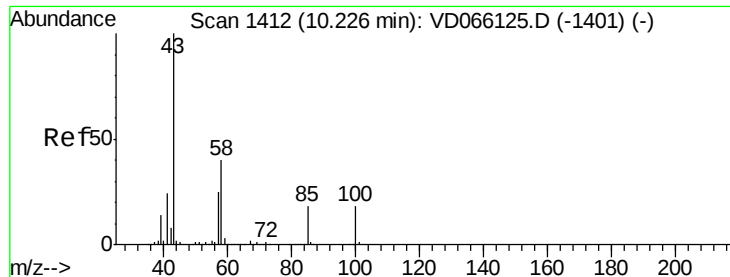
#50
 Toluene-d8
 Concen: 49.891 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

Tgt Ion: 98 Resp: 318615
 Ion Ratio Lower Upper
 98 100
 100 65.7 52.6 78.8



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: 220.483 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

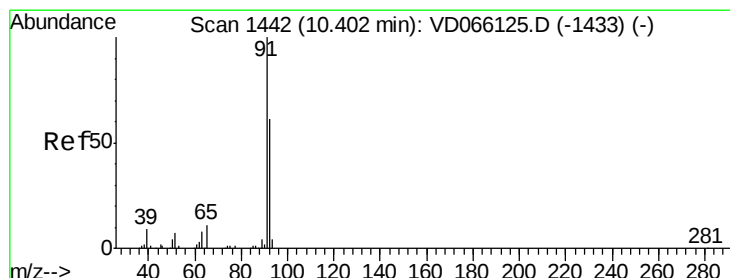
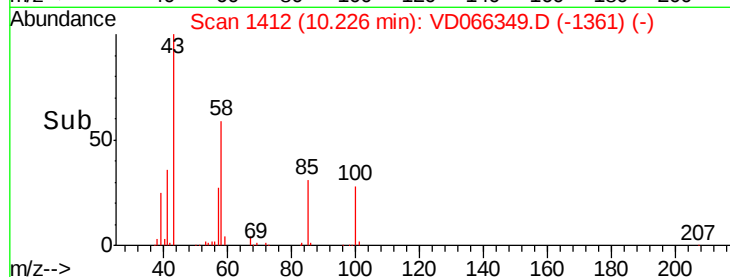
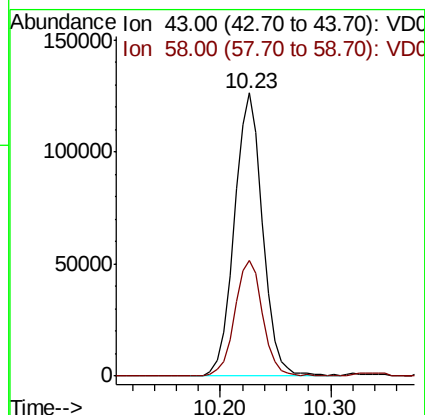
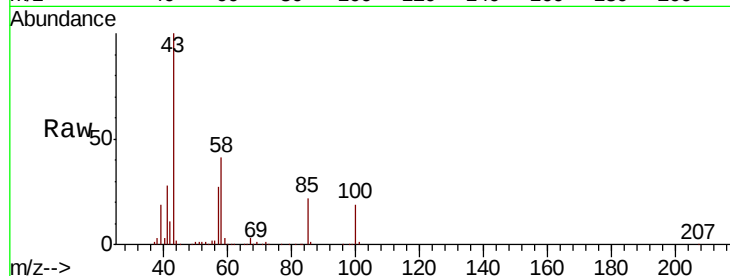
VSTDCCC050EC

Tot Ion: 43 Resp: 226960

Ion Ratio Lower Upper

43 100

58 40.2 31.1 46.7



#52

Toluene

Concen: 48.819 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066349.D

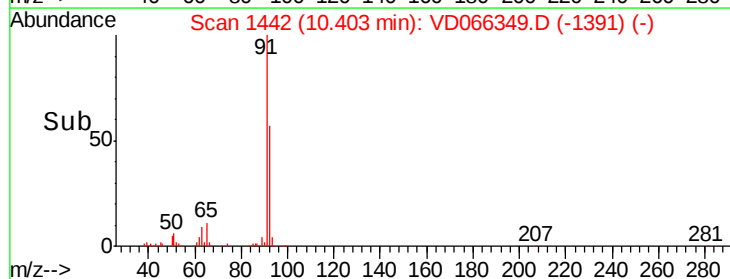
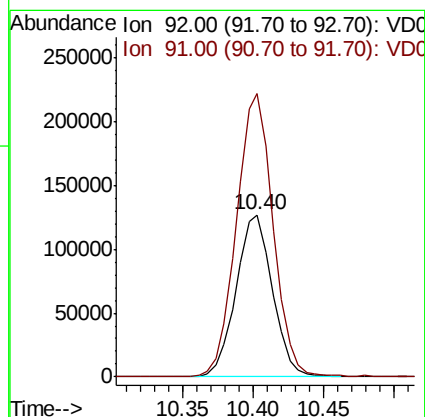
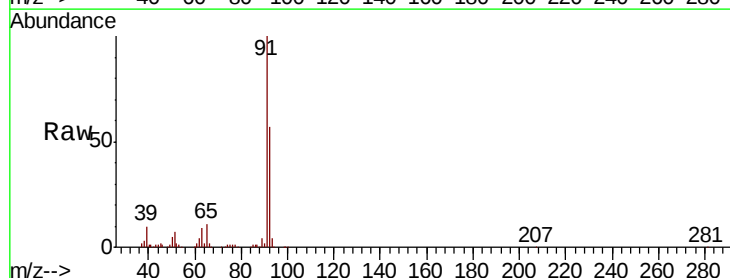
Acq: 20 Aug 2020 07:15

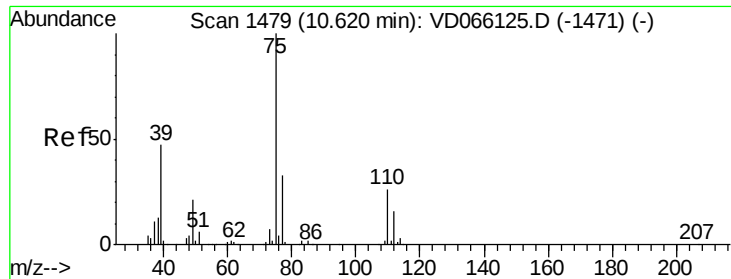
Tgt Ion: 92 Resp: 228762

Ion Ratio Lower Upper

92 100

91 176.3 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 50.645 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

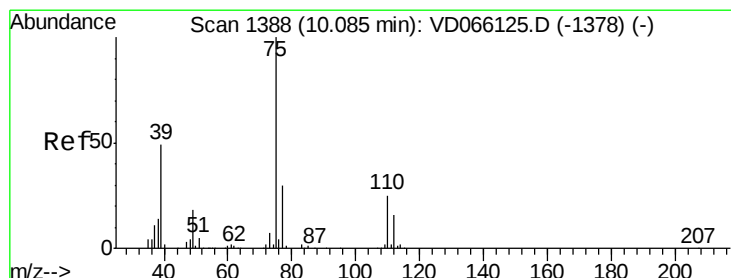
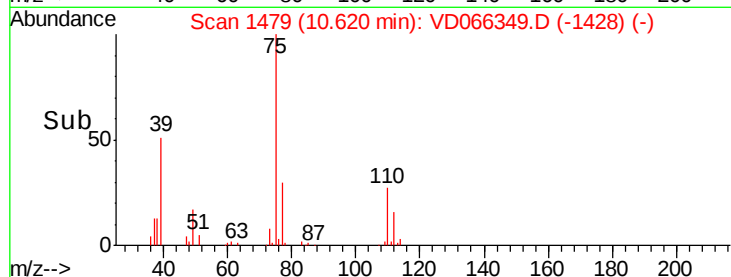
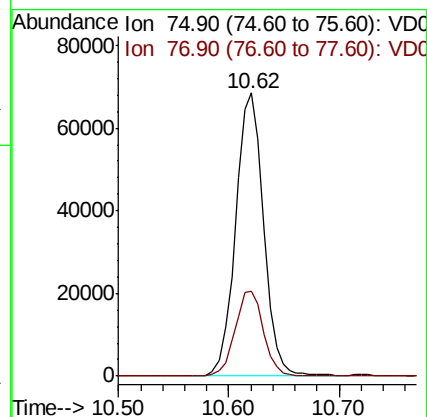
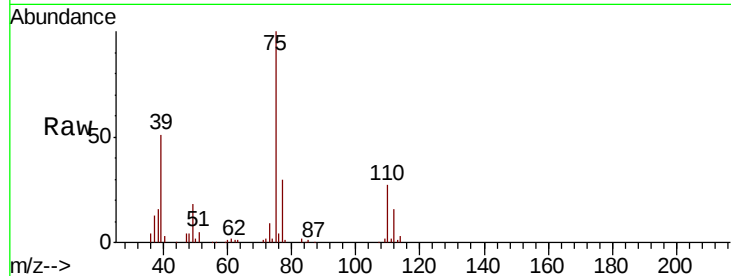
VSTDCCC050EC

Tot Ion: 75 Resp: 121867

Ion Ratio Lower Upper

75 100

77 30.0 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 49.181 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

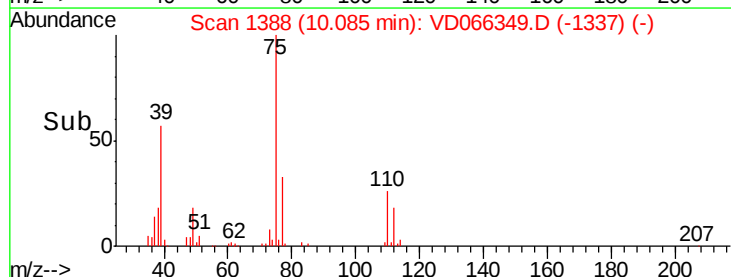
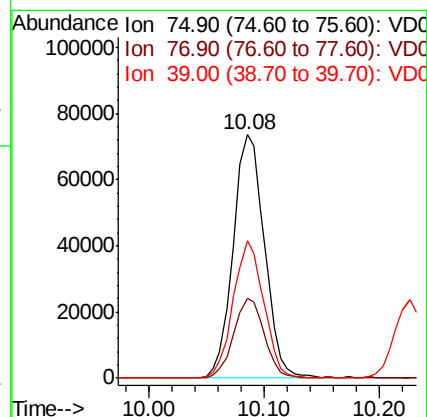
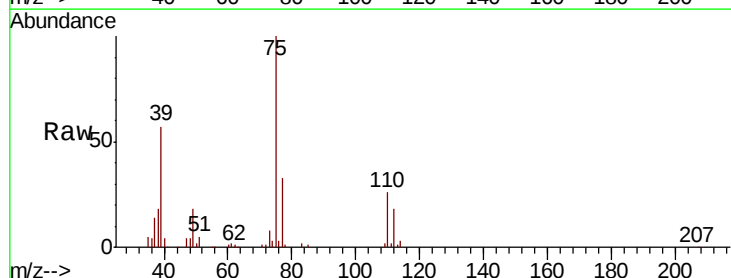
Tgt Ion: 75 Resp: 138654

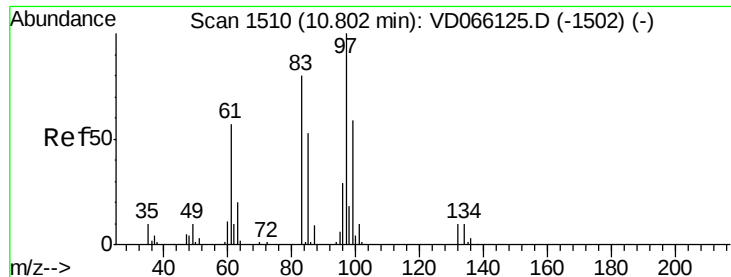
Ion Ratio Lower Upper

75 100

77 32.9 24.3 36.5

39 56.5 39.3 58.9

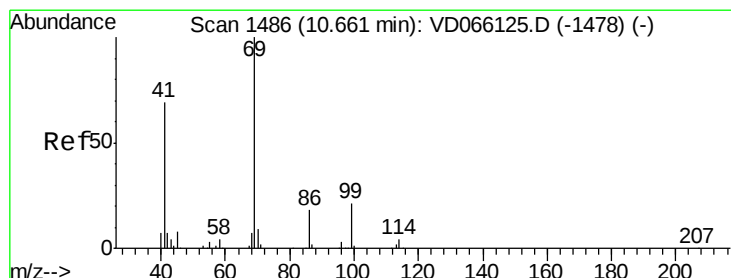
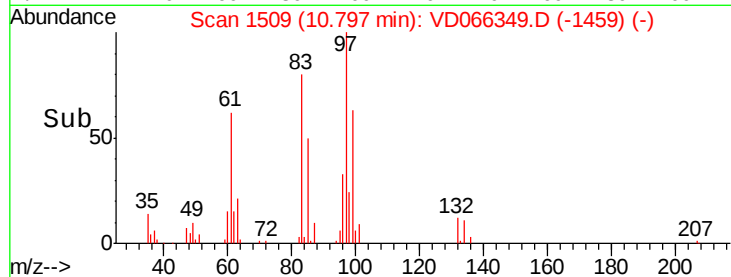
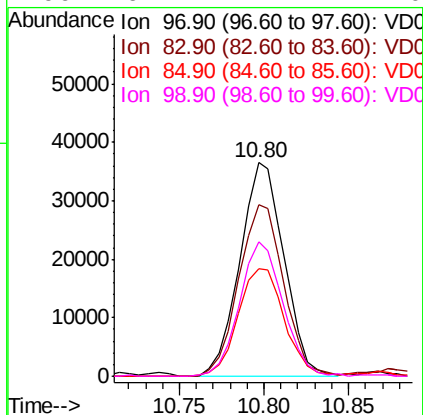
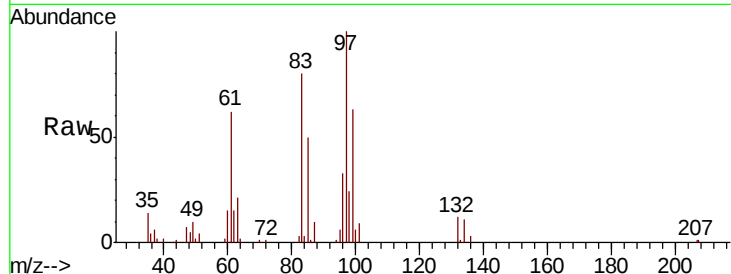




#55
 1,1,2-Trichloroethane
 Concen: 48.033 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

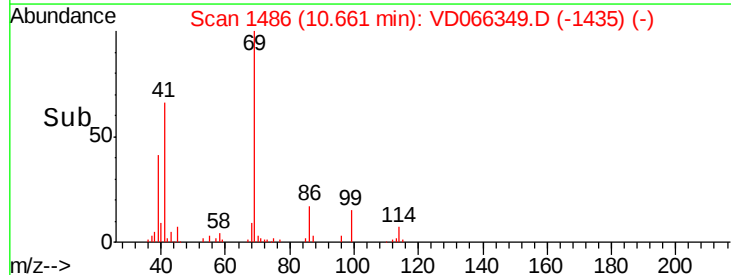
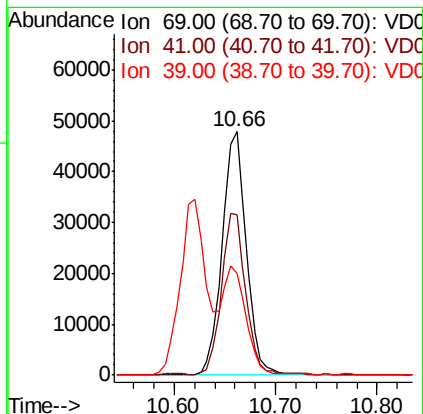
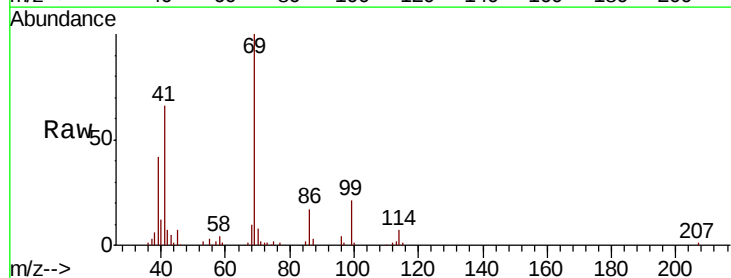
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

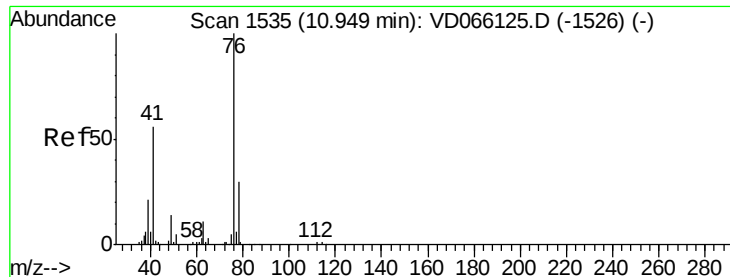
Tot Ion:	97	Resp:	66354
Ion	Ratio	Lower	Upper
97	100		
83	80.0	63.9	95.9
85	50.1	42.5	63.7
99	62.7	47.4	71.0



#56
 Ethyl methacrylate
 Concen: 47.834 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

Tgt Ion:	69	Resp:	79380
Ion	Ratio	Lower	Upper
69	100		
41	67.0	54.1	81.1
39	39.3	28.6	43.0

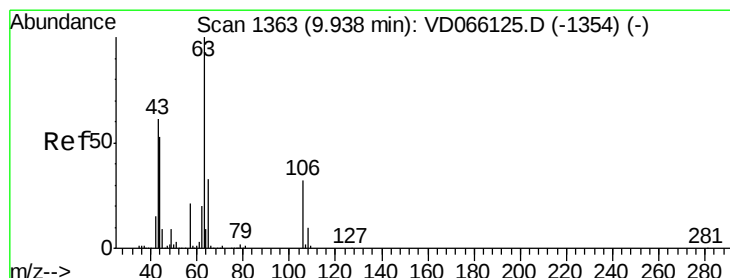
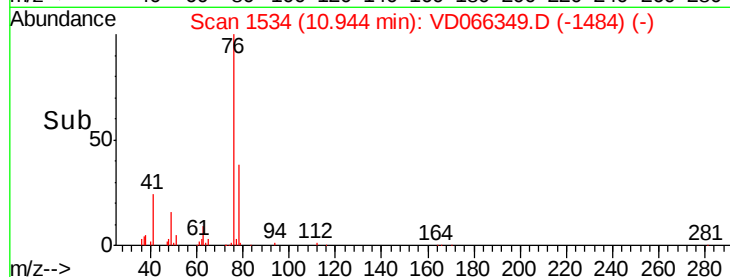
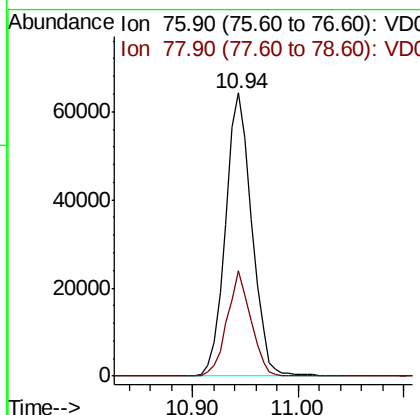
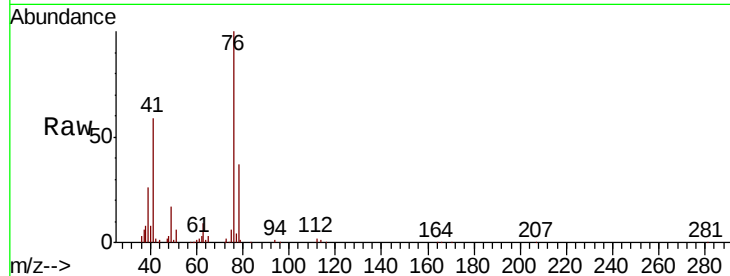




#57
 1,3-Dichloropropane
 Concen: 48.034 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

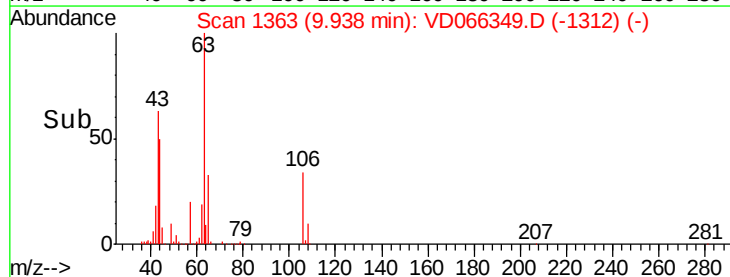
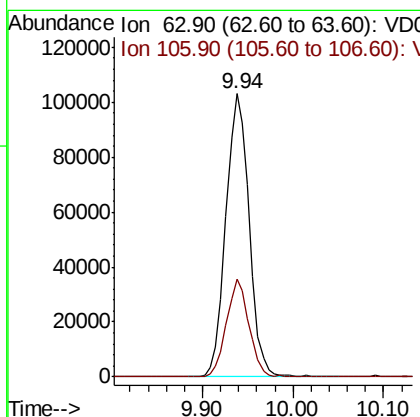
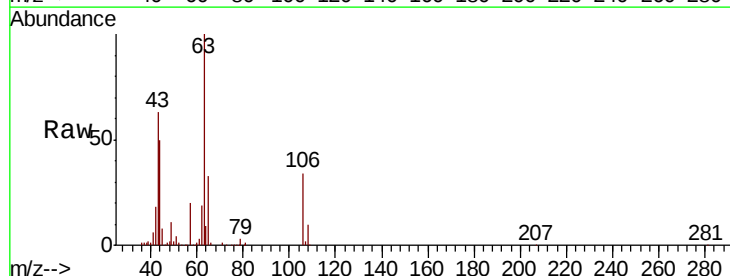
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

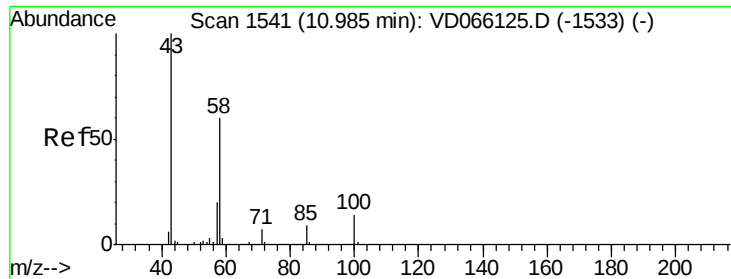
Tot Ion: 76 Resp: 110160
 Ion Ratio Lower Upper
 76 100
 78 33.7 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 246.513 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

Tgt Ion: 63 Resp: 184014
 Ion Ratio Lower Upper
 63 100
 106 33.1 25.3 37.9

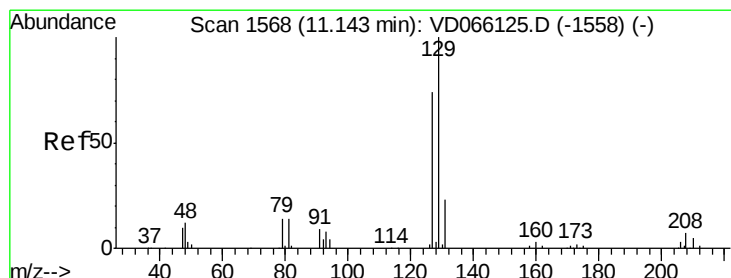
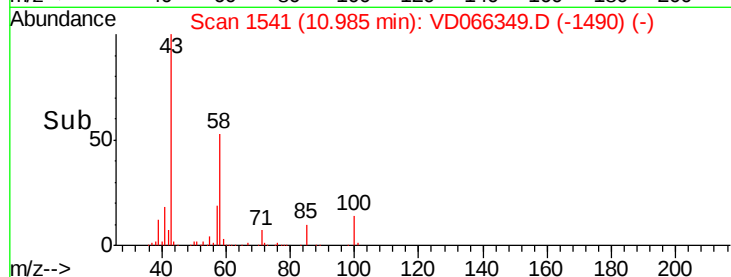
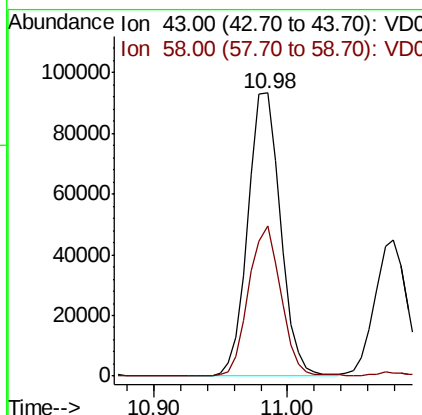
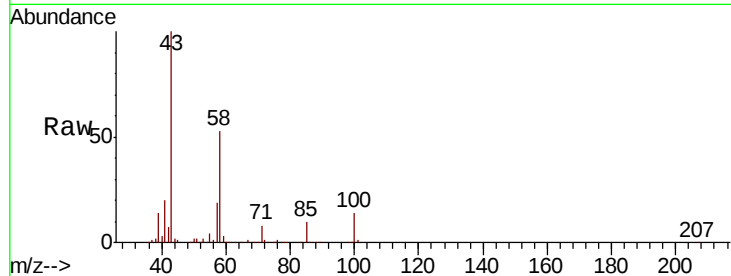




#59
2-Hexanone
Concen: 218.306 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

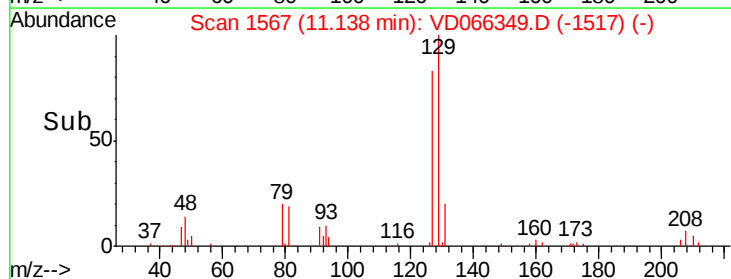
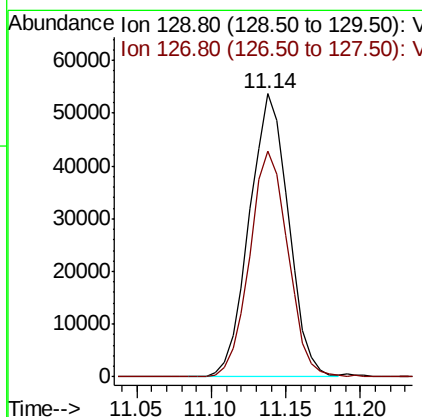
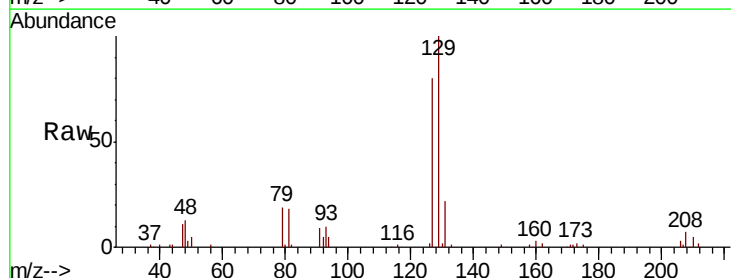
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

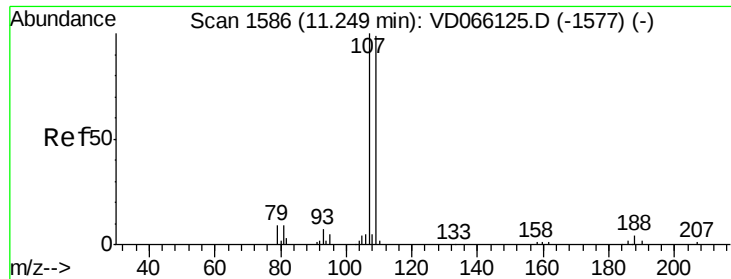
Tot Ion: 43 Resp: 157712
Ion Ratio Lower Upper
43 100
58 52.5 27.8 83.4



#60
Dibromochloromethane
Concen: 51.073 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion: 129 Resp: 97406
Ion Ratio Lower Upper
129 100
127 77.9 38.0 114.1

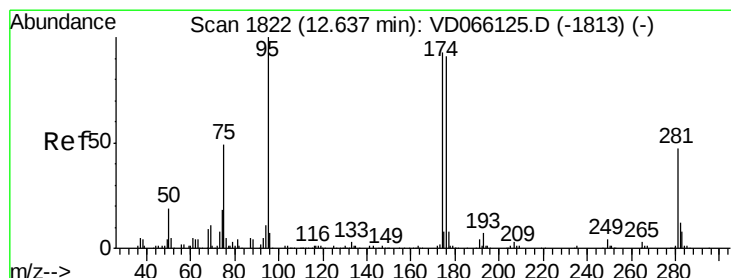
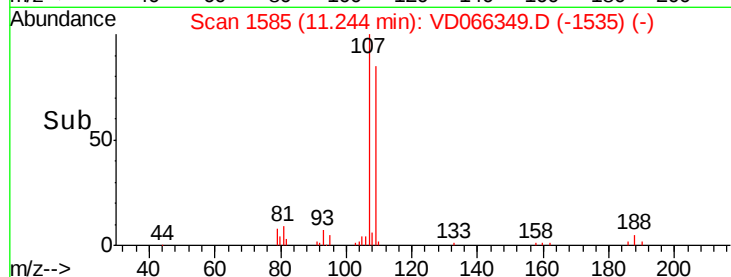
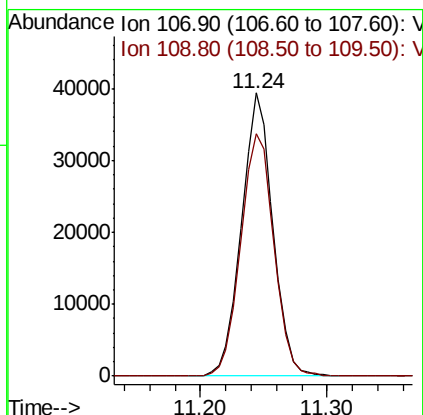
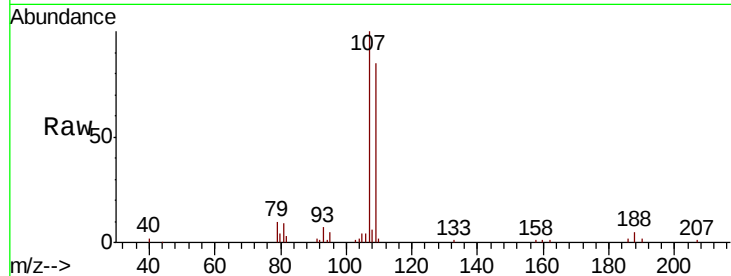




#61
 1,2-Dibromoethane
 Concen: 50.596 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

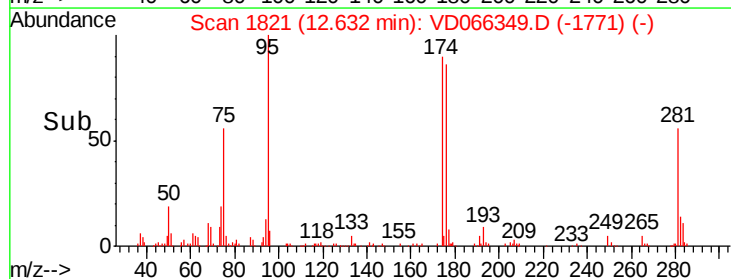
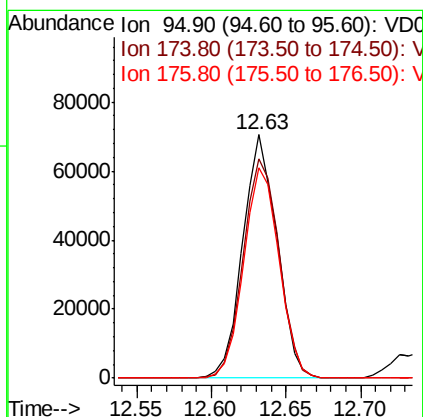
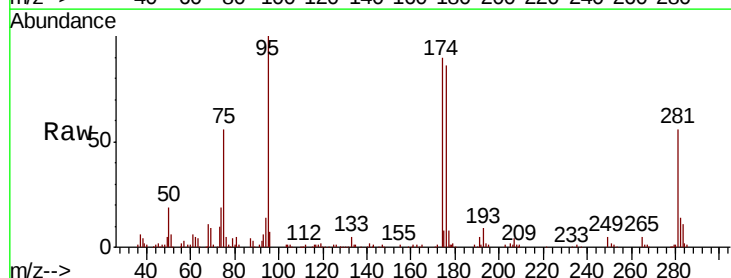
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

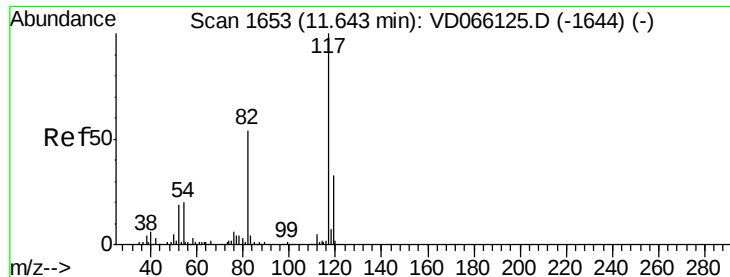
Tot Ion:107 Resp: 67218
 Ion Ratio Lower Upper
 107 100
 109 91.0 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 48.573 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

Tgt Ion: 95 Resp: 111815
 Ion Ratio Lower Upper
 95 100
 174 94.5 0.0 180.8
 176 89.5 0.0 181.2

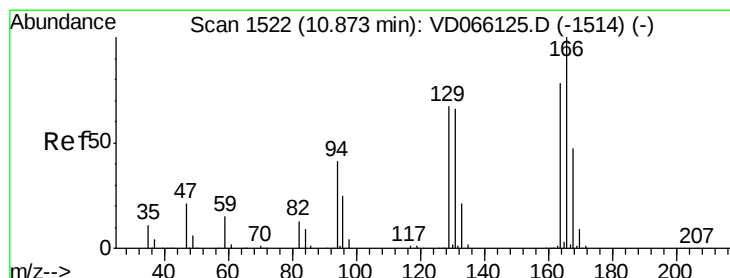
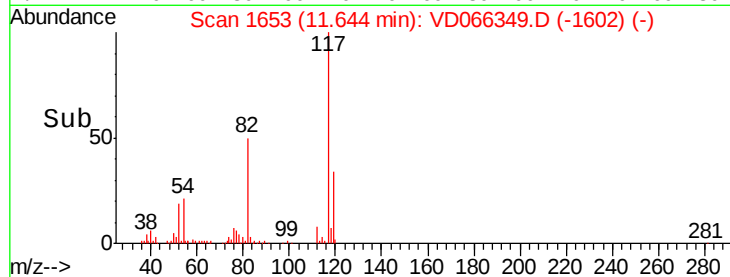
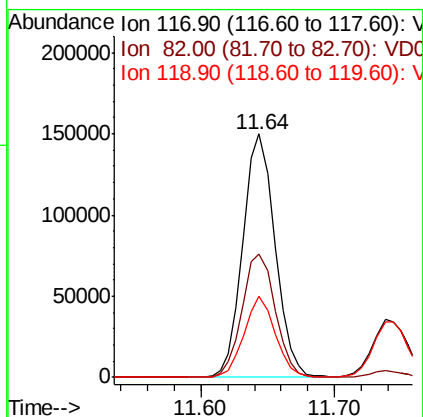
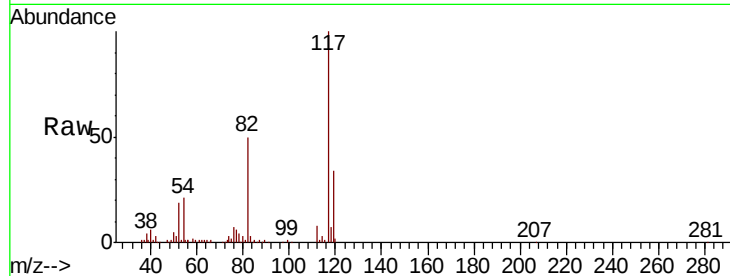




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

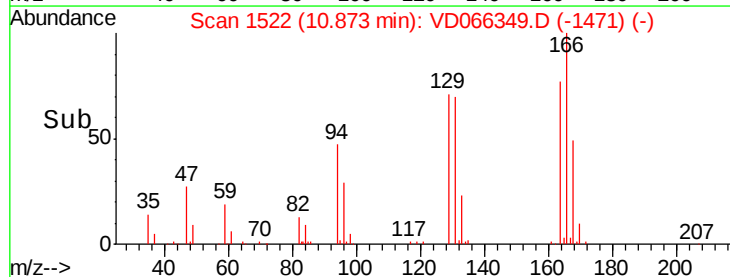
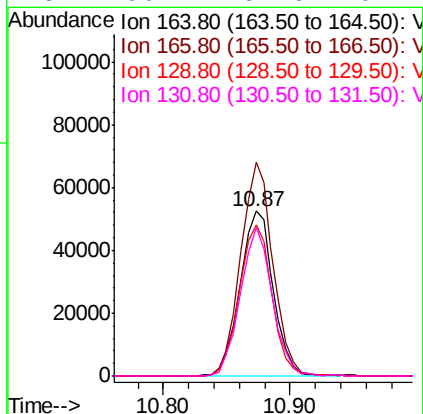
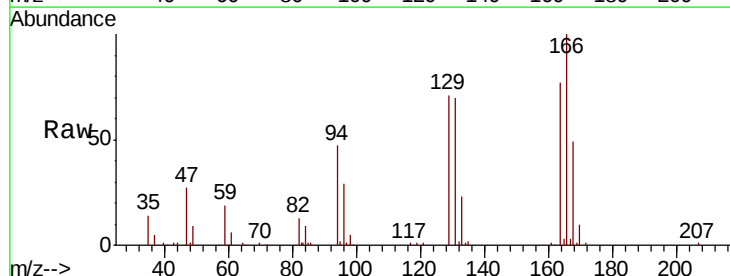
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

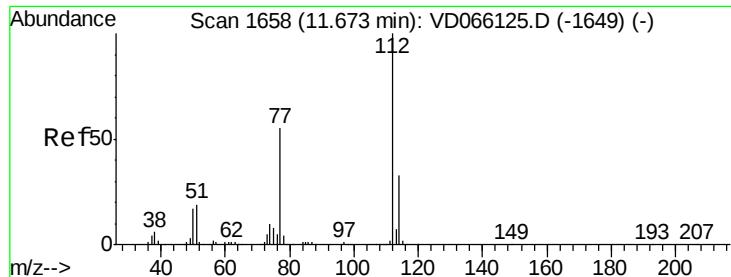
Tot Ion:117 Resp: 250289
Ion Ratio Lower Upper
117 100
82 50.4 43.0 64.4
119 33.5 26.1 39.1



#64
Tetrachloroethene
Concen: 49.574 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion:164 Resp: 95279
Ion Ratio Lower Upper
164 100
166 129.4 101.9 152.9
129 91.5 68.1 102.1
131 90.1 67.6 101.4

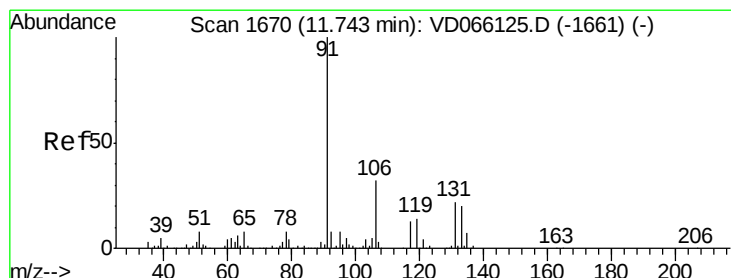
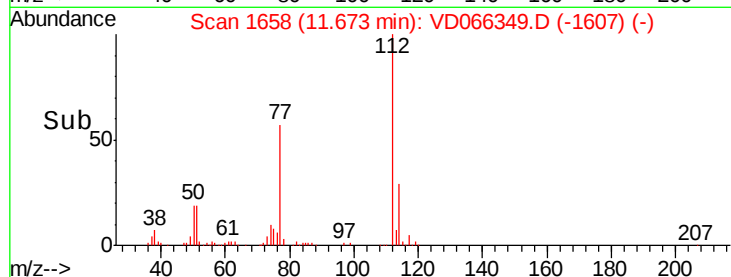
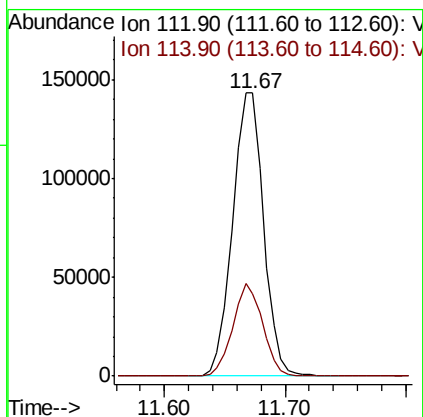
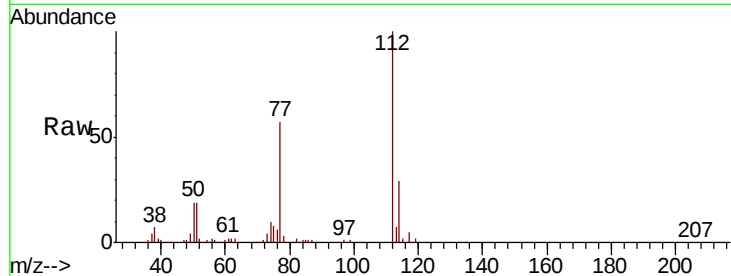




#65
Chlorobenzene
Concen: 50.404 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

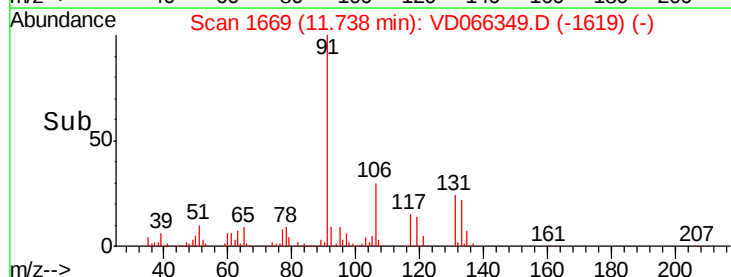
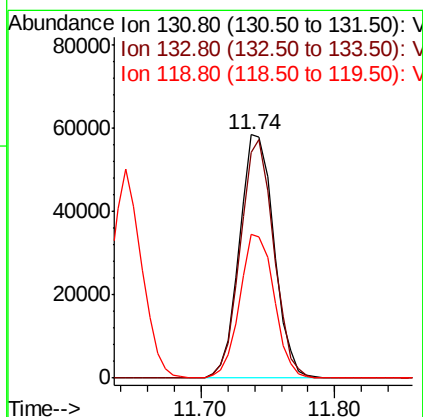
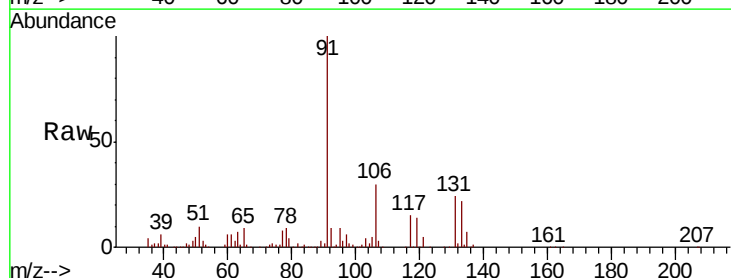
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

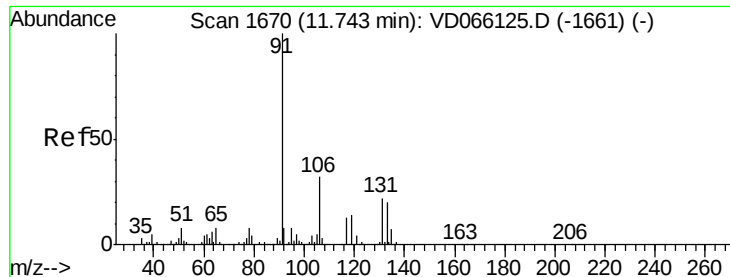
Tot Ion:112 Resp: 256099
Ion Ratio Lower Upper
112 100
114 28.9 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 52.606 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion:131 Resp: 104582
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.4
119 59.0 31.6 94.7





#67

Ethyl Benzene

Concen: 51.555 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

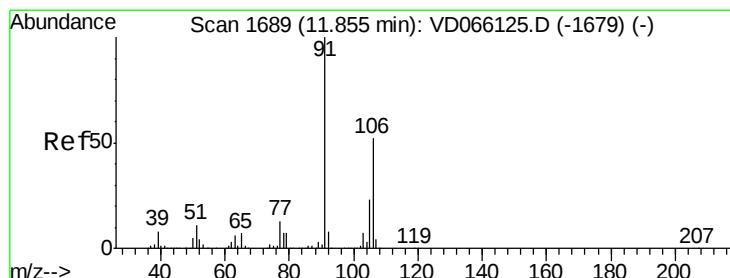
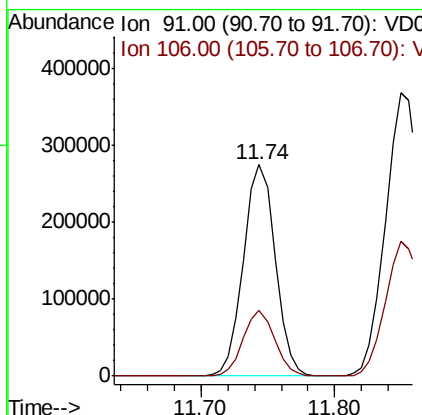
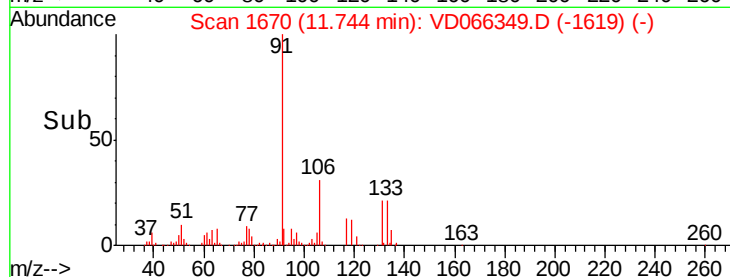
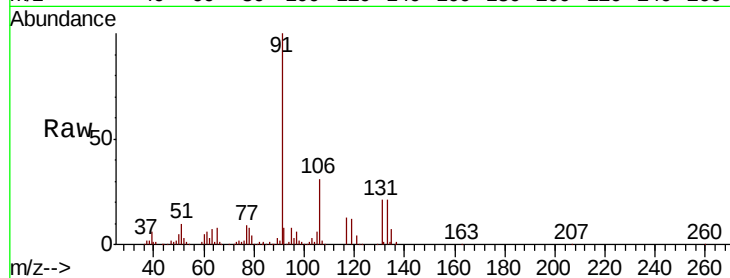
VSTDCCC050EC

Tot Ion: 91 Resp: 453935

Ion Ratio Lower Upper

91 100

106 31.1 25.7 38.5



#68

m/p-Xylenes

Concen: 99.146 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.01 min

Lab File: VD066349.D

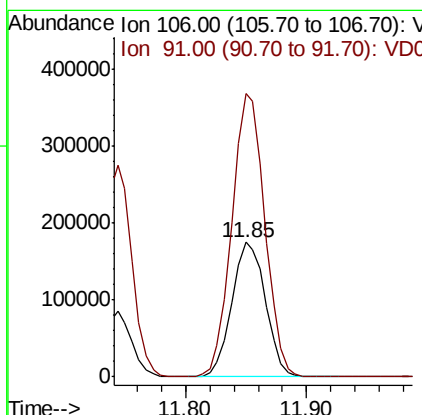
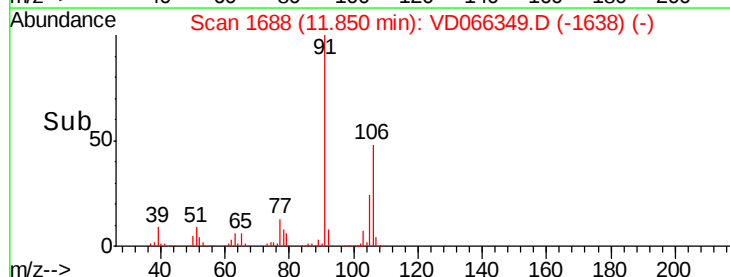
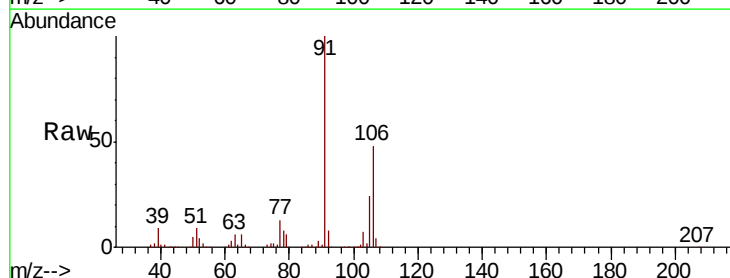
Acq: 20 Aug 2020 07:15

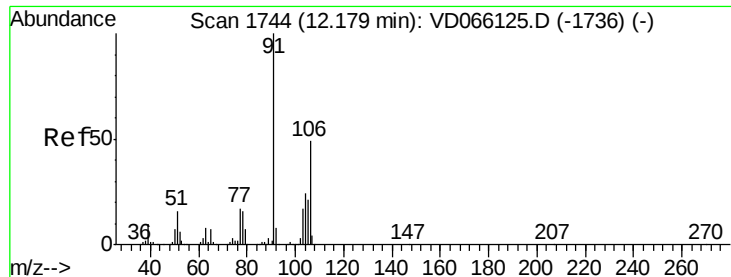
Tgt Ion: 106 Resp: 338223

Ion Ratio Lower Upper

106 100

91 206.6 156.6 235.0

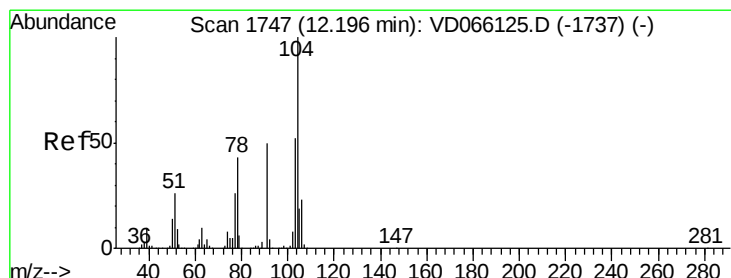
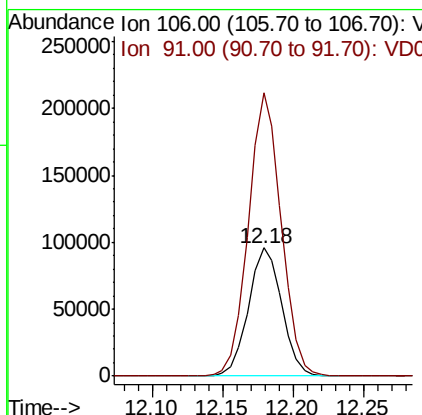
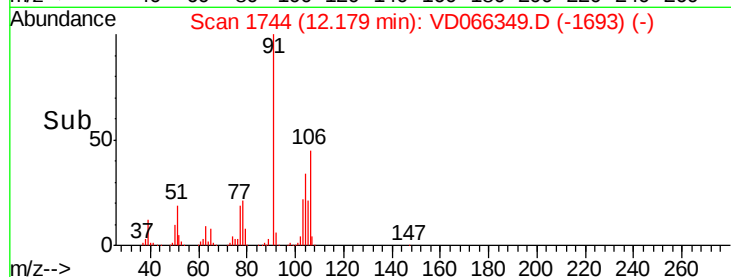
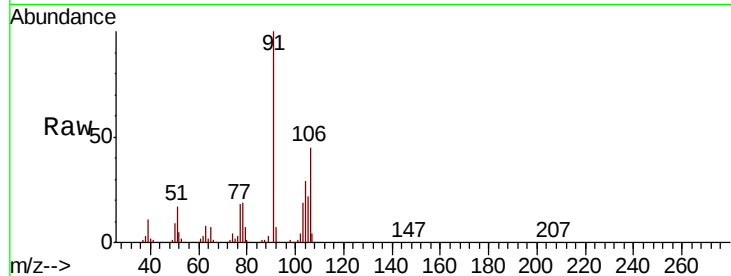




#69
o-Xylene
Concen: 51.369 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

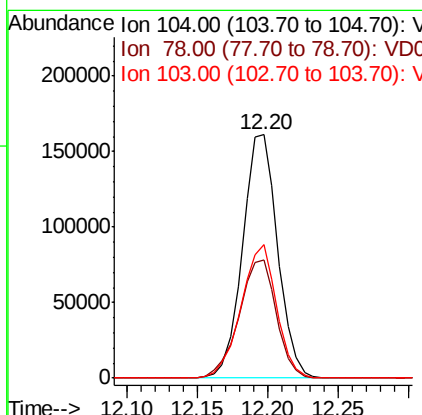
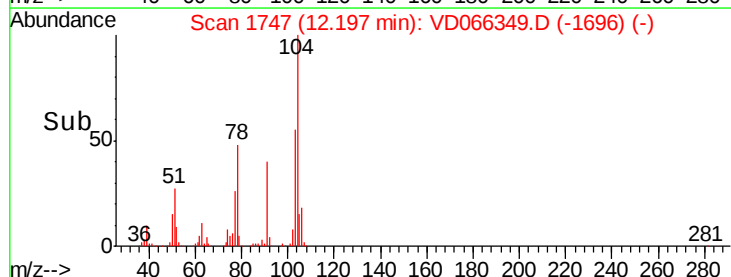
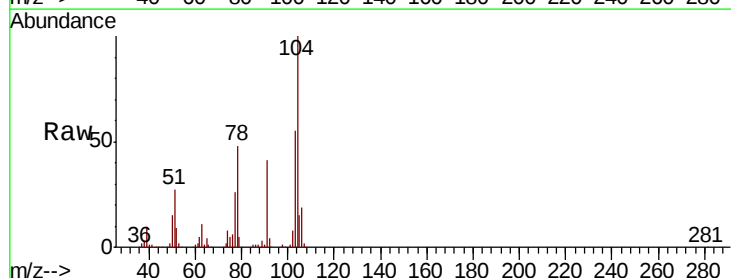
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

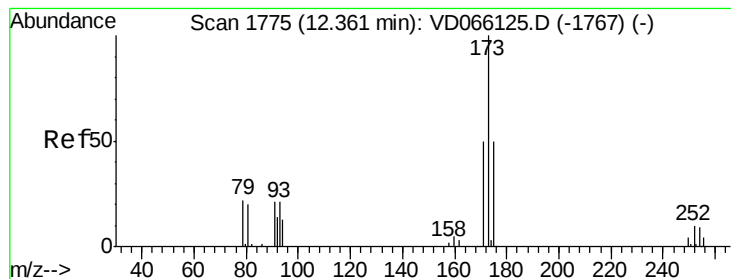
Tot Ion:106 Resp: 159409
Ion Ratio Lower Upper
106 100
91 215.6 105.7 317.1



#70
Styrene
Concen: 51.581 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion:104 Resp: 280519
Ion Ratio Lower Upper
104 100
78 51.6 38.6 58.0
103 55.4 44.1 66.1





#71

Bromoform

Concen: 51.363 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

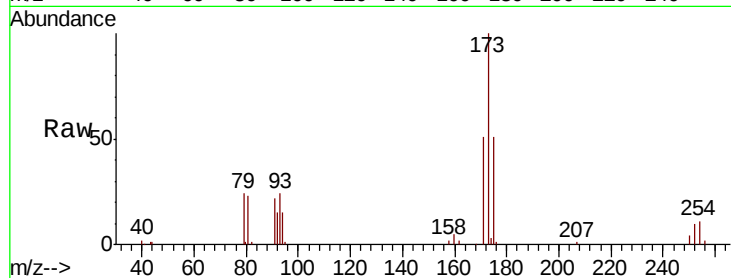
Tot Ion:173 Resp: 60499

Ion Ratio Lower Upper

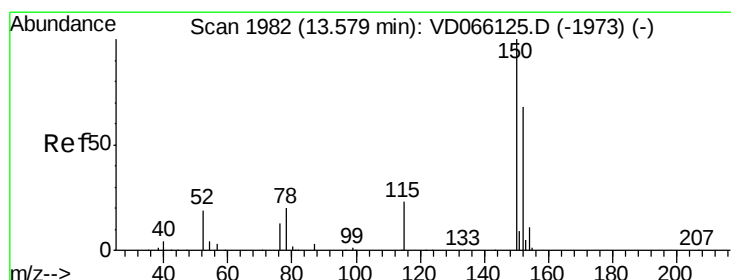
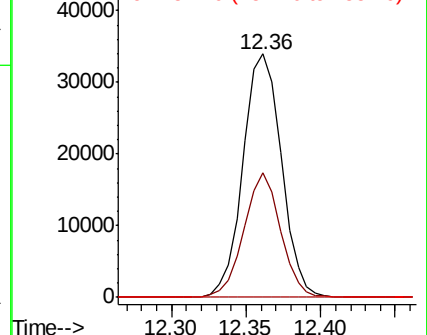
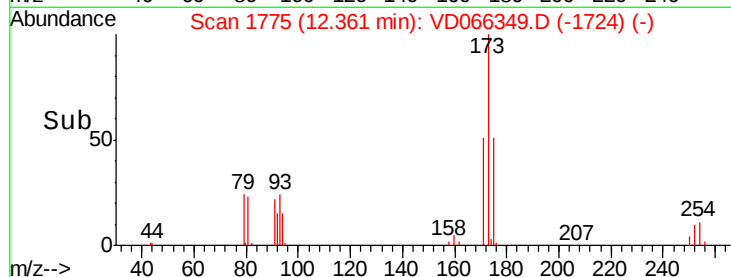
173 100

175 48.9 24.6 73.6

254 0.0 0.2 0.2#



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: VD066349.D

Acq: 20 Aug 2020 07:15

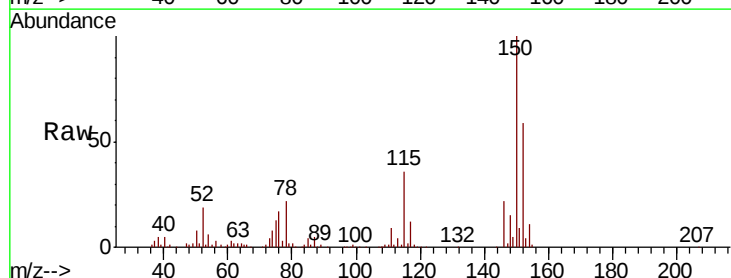
Tgt Ion:152 Resp: 124053

Ion Ratio Lower Upper

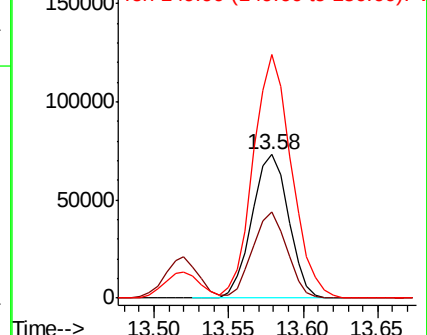
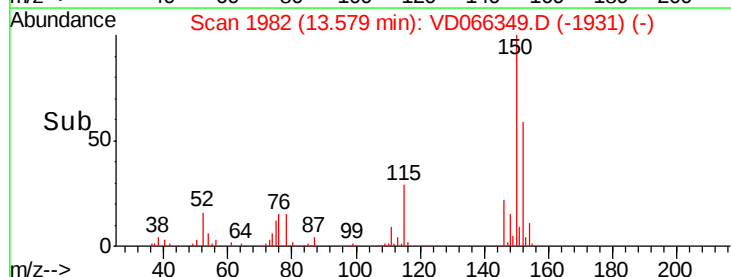
152 100

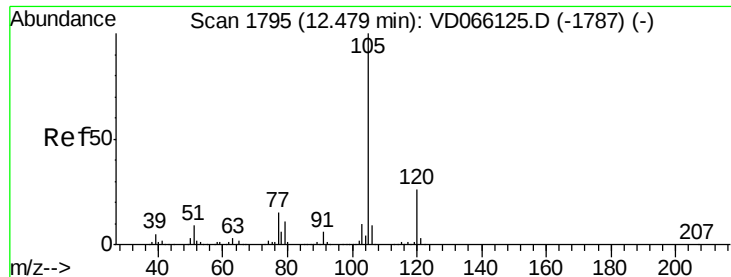
115 57.1 28.0 83.9

150 176.8 0.0 346.4



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: 54.553 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

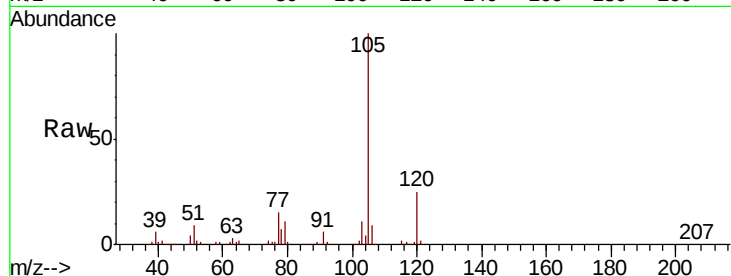
VSTDCCC050EC

Tot Ion:105 Resp: 451743

Ion Ratio Lower Upper

105 100

120 25.9 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

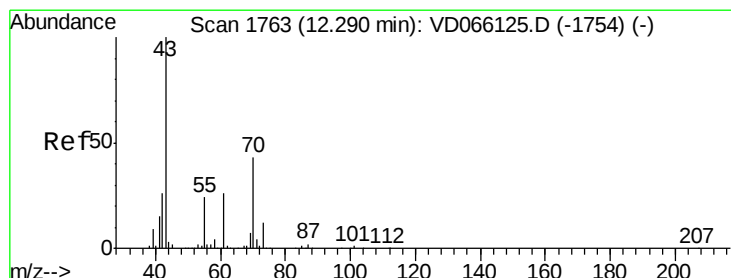
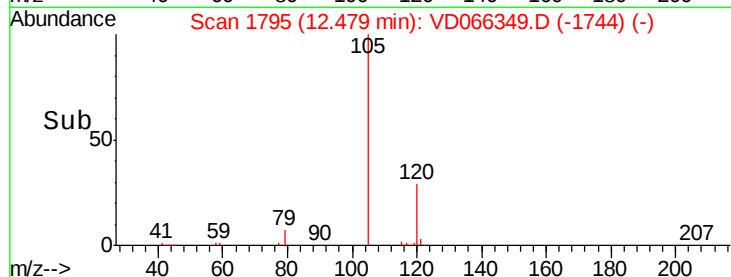
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 45.248 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Tgt Ion: 43 Resp: 82510

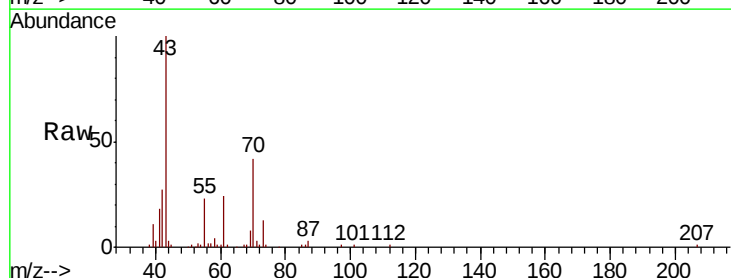
Ion Ratio Lower Upper

43 100

70 44.8 34.9 52.3

55 25.0 19.2 28.8

61 24.0 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.29

80000

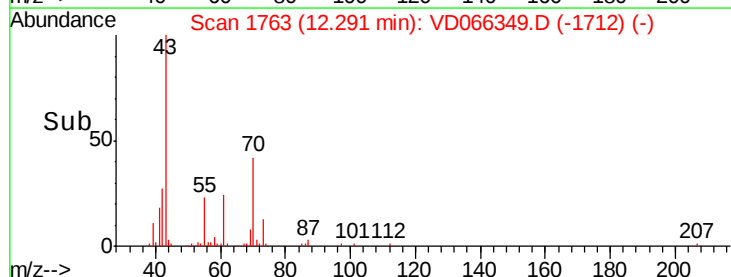
60000

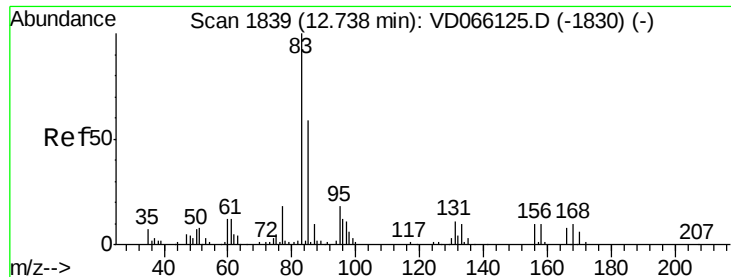
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 47.562 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

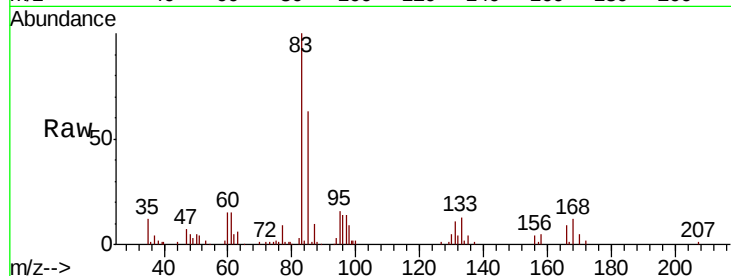
Tot Ion: 83 Resp: 67159

Ion Ratio Lower Upper

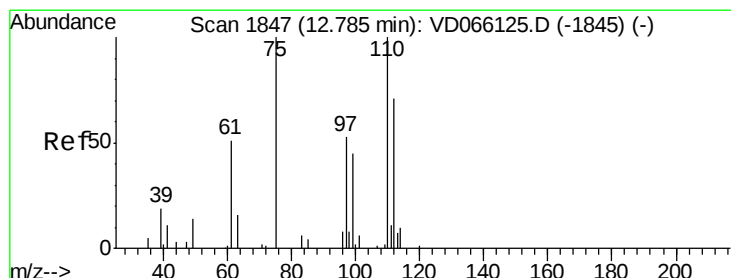
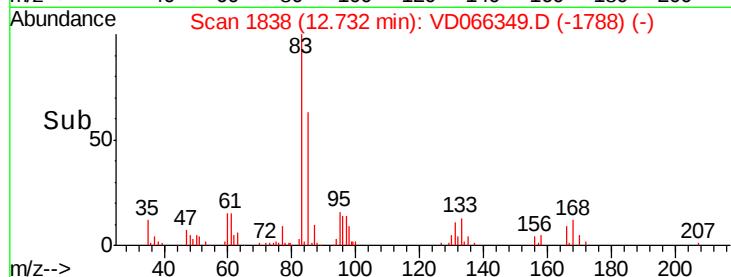
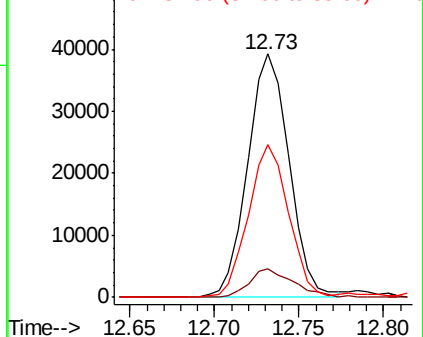
83 100

131 12.5 6.2 18.6

85 60.7 32.4 97.2



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: 89.791 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066349.D

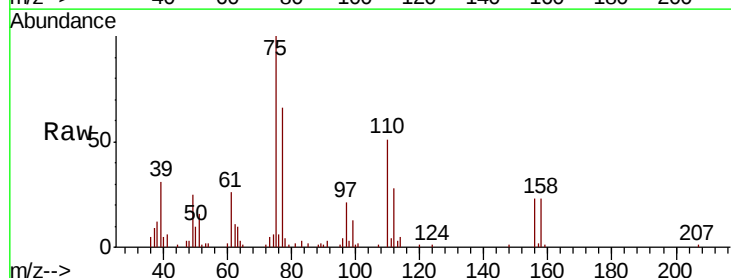
Acq: 20 Aug 2020 07:15

Tgt Ion: 75 Resp: 92890

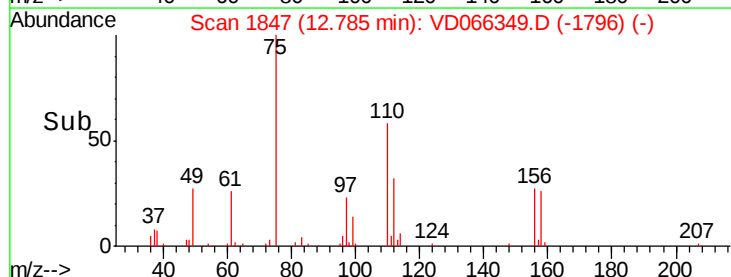
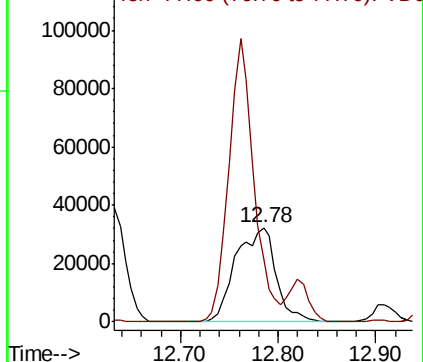
Ion Ratio Lower Upper

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: 51.867 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

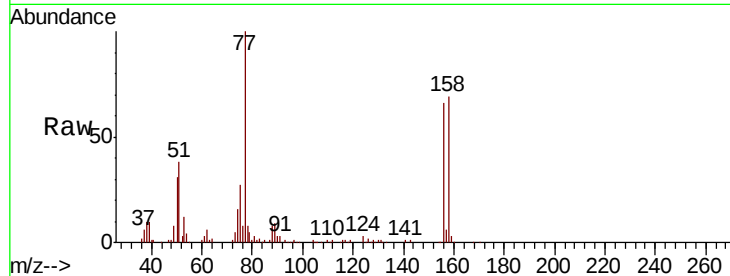
Tot Ion:156 Resp: 110562

Ion Ratio Lower Upper

156 100

77 157.6 81.0 243.1

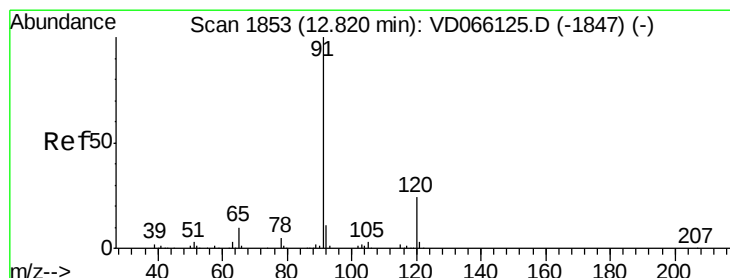
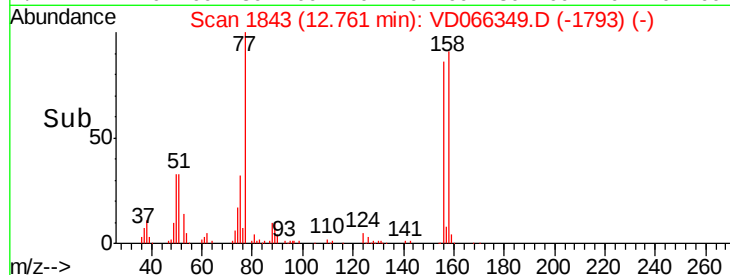
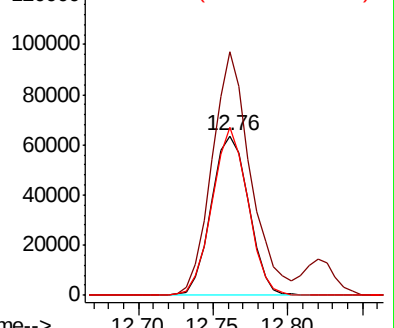
158 100.3 48.8 146.3



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: 52.596 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066349.D

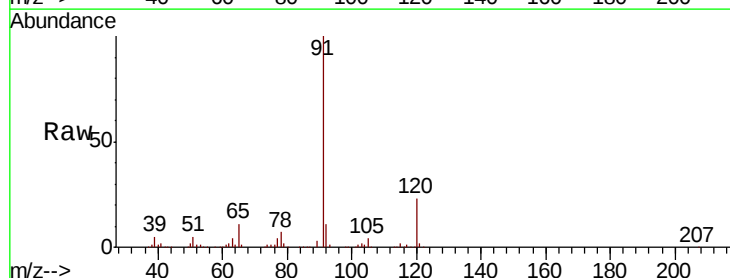
Acq: 20 Aug 2020 07:15

Tgt Ion: 91 Resp: 506278

Ion Ratio Lower Upper

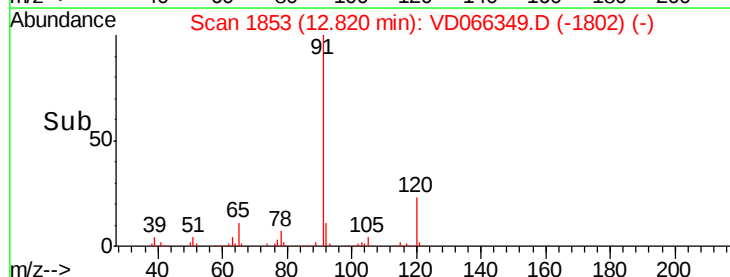
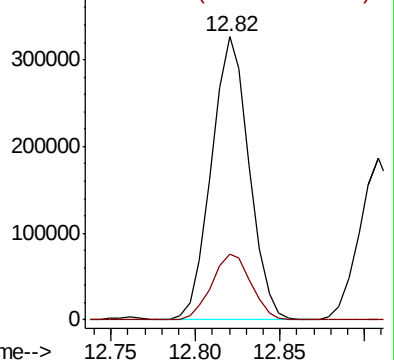
91 100

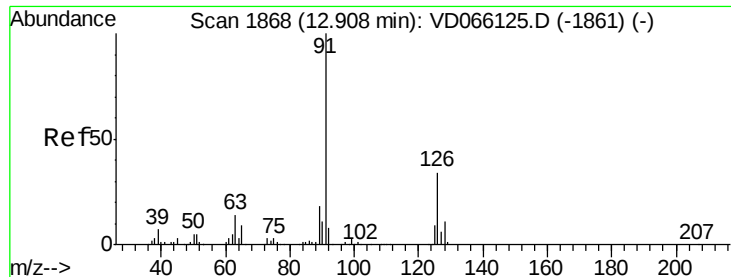
120 24.4 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.098 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

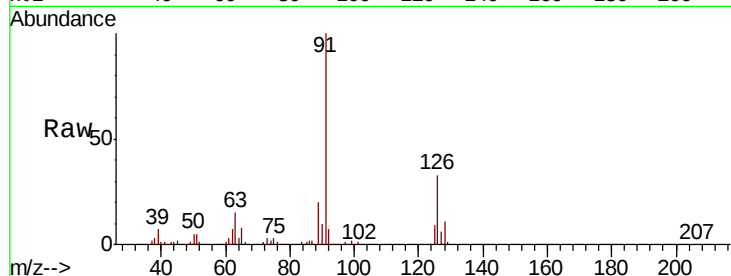
VSTDCCC050EC

Tot Ion: 91 Resp: 297832

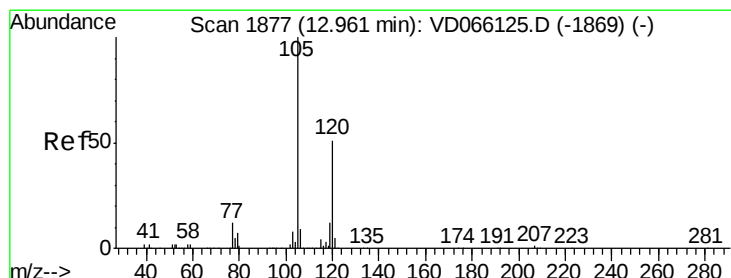
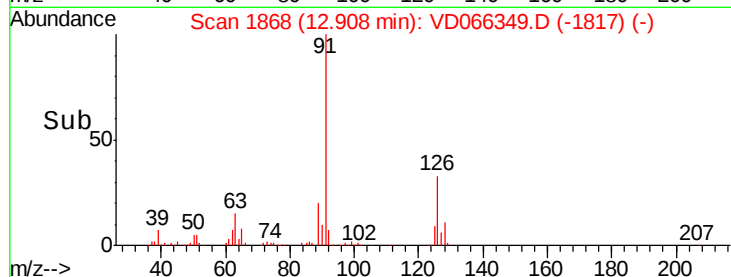
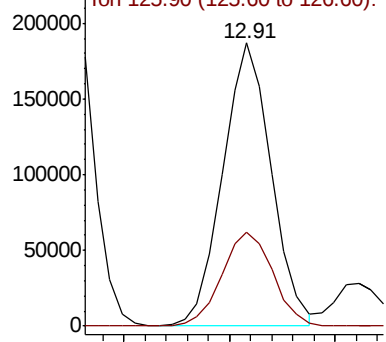
Ion Ratio Lower Upper

91 100

126 34.7 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VD066125.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 55.219 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066349.D

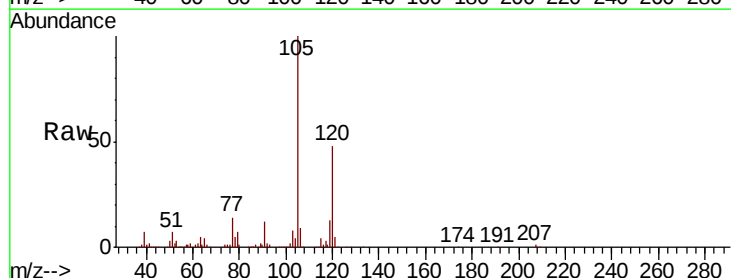
Acq: 20 Aug 2020 07:15

Tgt Ion:105 Resp: 382408

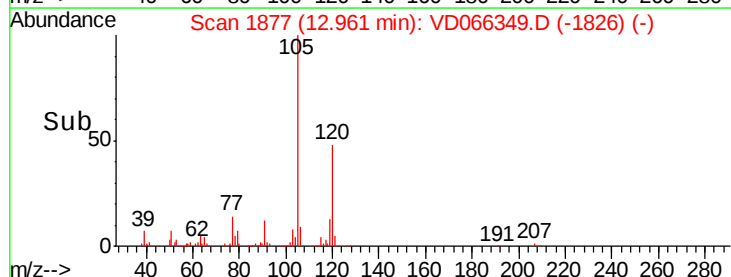
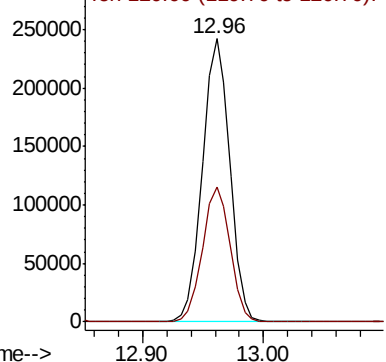
Ion Ratio Lower Upper

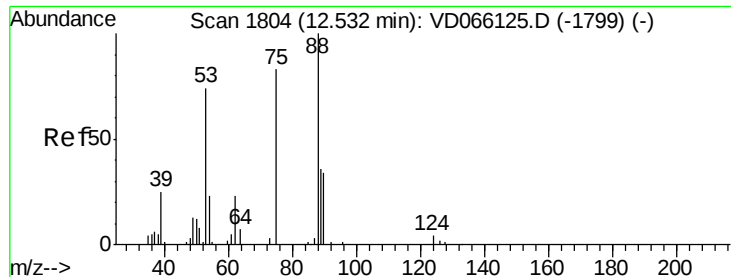
105 100

120 48.2 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VD066125.D (-1869) (-)

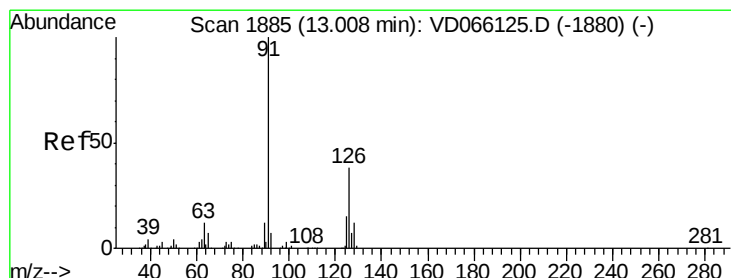
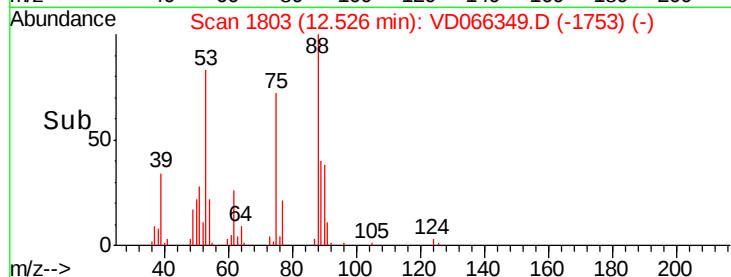
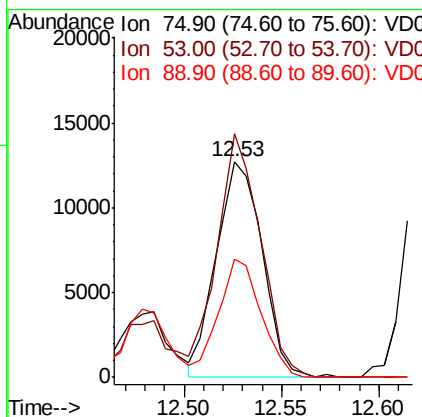
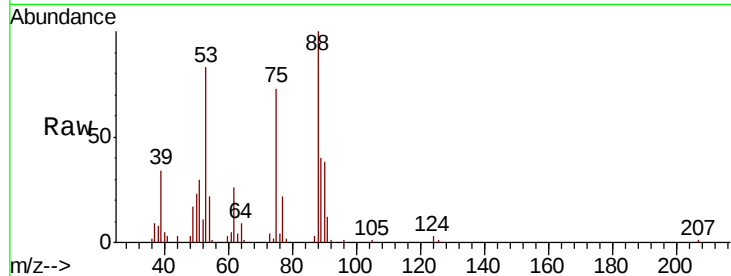




#81
trans-1,4-Dichloro-2-butene
Concen: 44.288 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

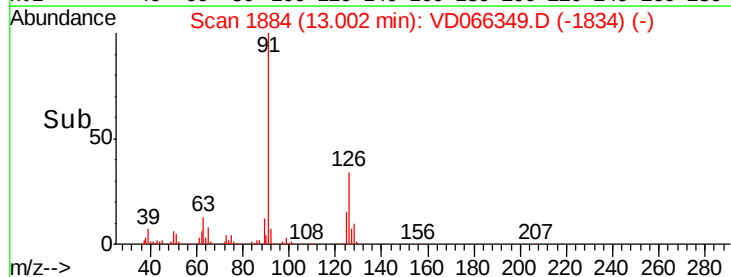
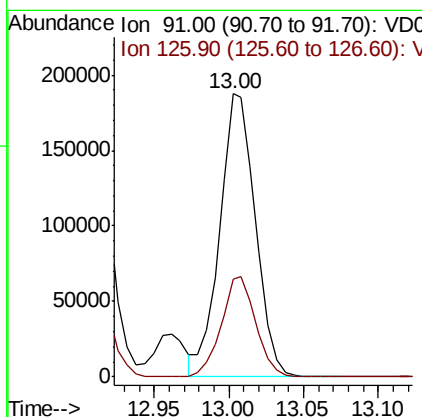
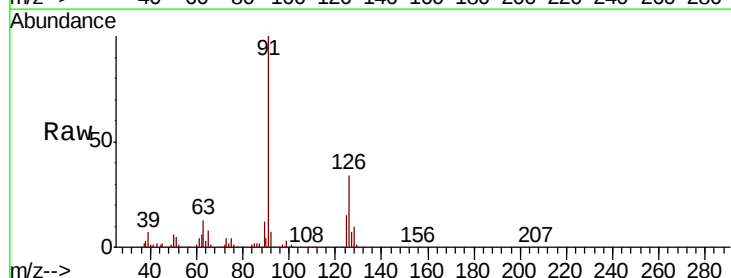
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

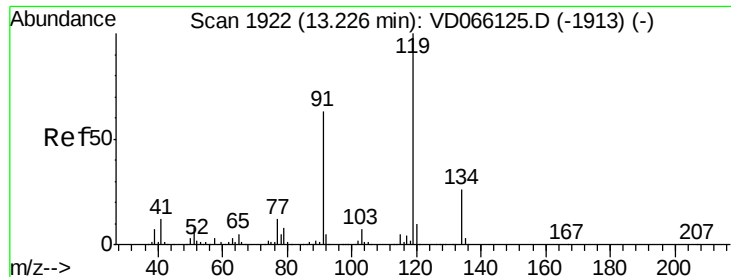
Tot Ion: 75 Resp: 20726
Ion Ratio Lower Upper
75 100
53 106.3 73.4 110.2
89 51.1 36.6 55.0



#82
4-Chlorotoluene
Concen: 53.863 ug/l
RT: 13.00 min Scan# 1884
Delta R.T. -0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion: 91 Resp: 313035
Ion Ratio Lower Upper
91 100
126 34.3 17.8 53.3

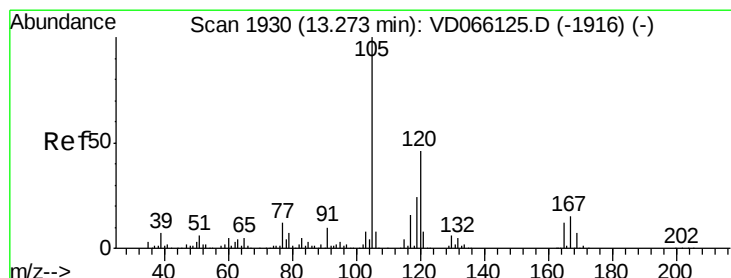
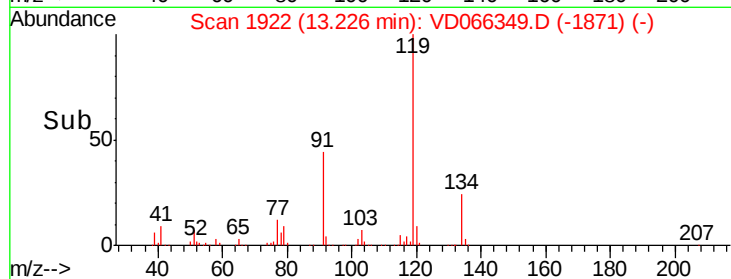
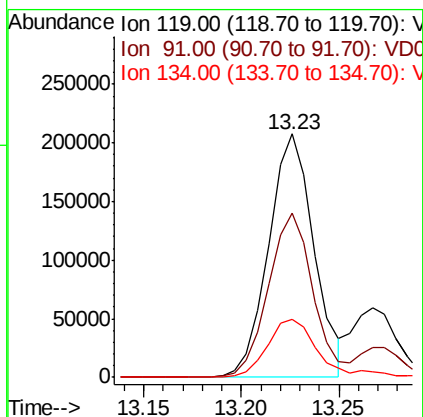
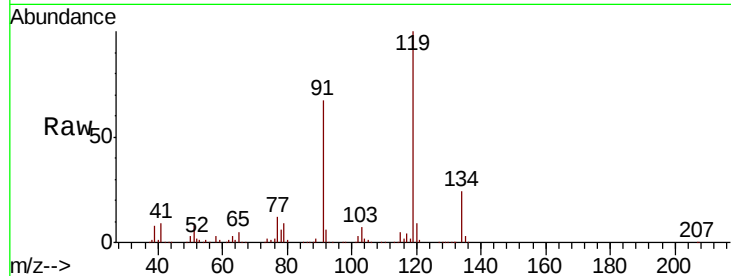




#83
tert-Butylbenzene
Concen: 54.805 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

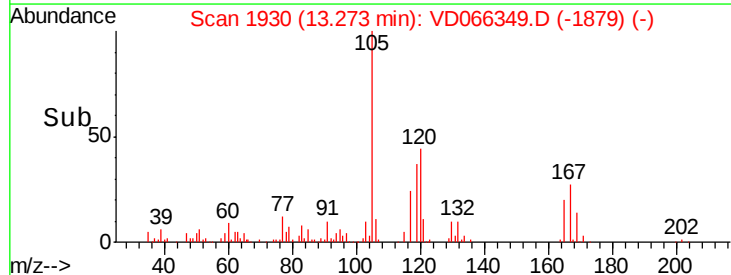
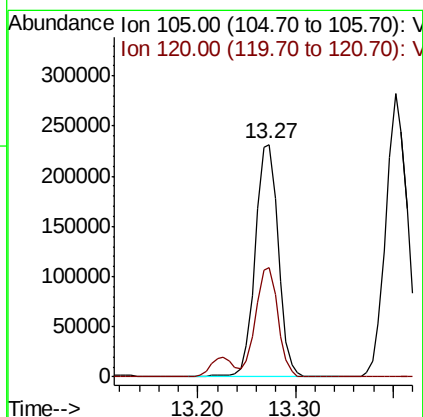
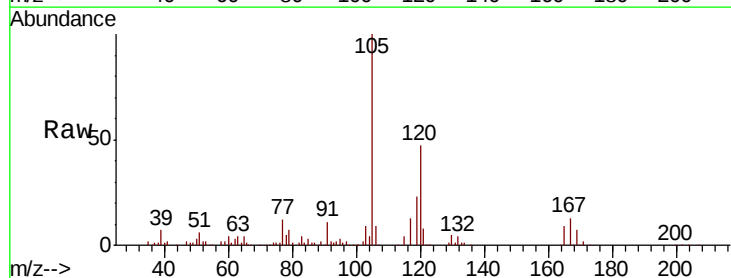
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

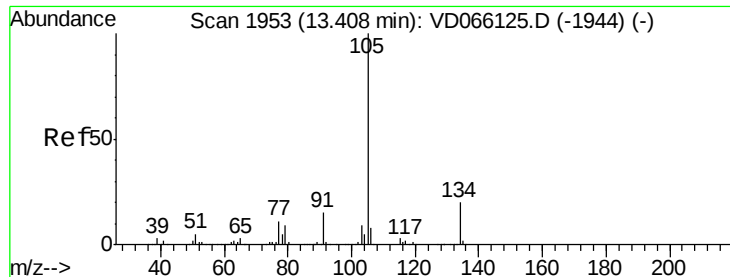
Tot Ion:119 Resp: 333784
Ion Ratio Lower Upper
119 100
91 67.0 30.8 92.4
134 26.9 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 55.181 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion:105 Resp: 382441
Ion Ratio Lower Upper
105 100
120 45.2 23.1 69.2





#85

sec-Butylbenzene

Concen: 52.862 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

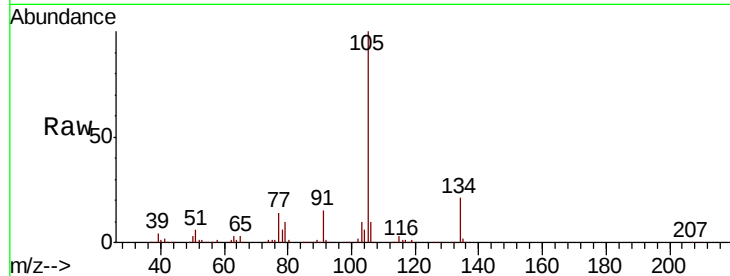
VSTDCCC050EC

Tot Ion:105 Resp: 434672

Ion Ratio Lower Upper

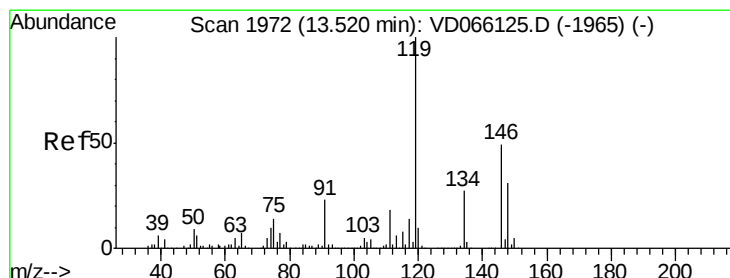
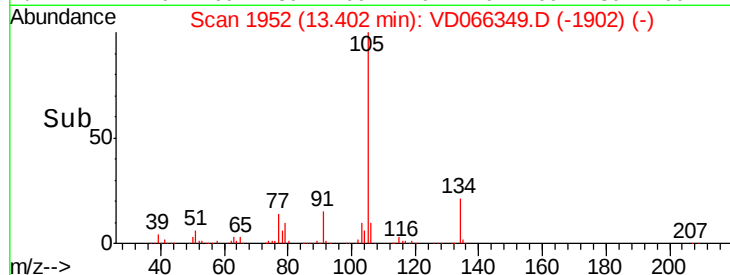
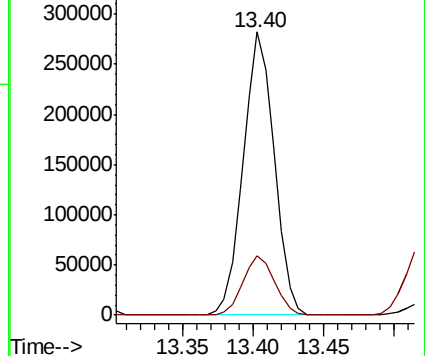
105 100

134 21.4 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.449 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

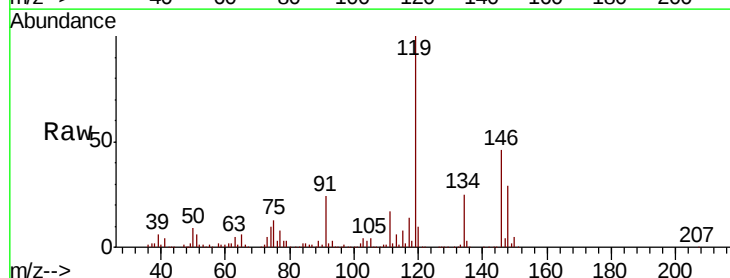
Tgt Ion:119 Resp: 412210

Ion Ratio Lower Upper

119 100

134 25.8 13.5 40.4

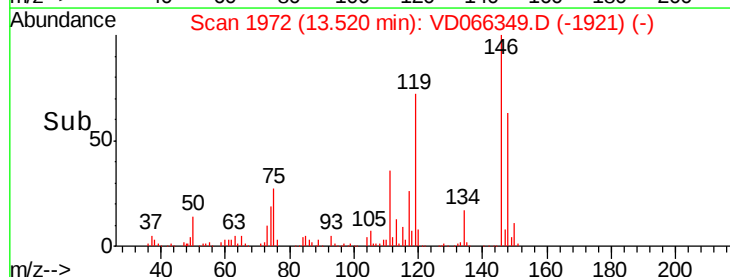
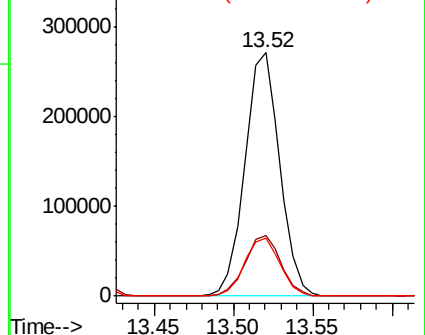
91 24.3 11.2 33.5

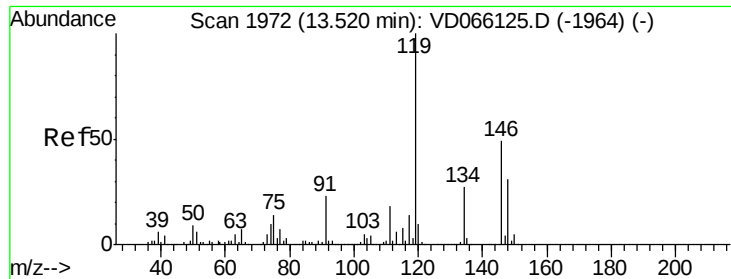


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

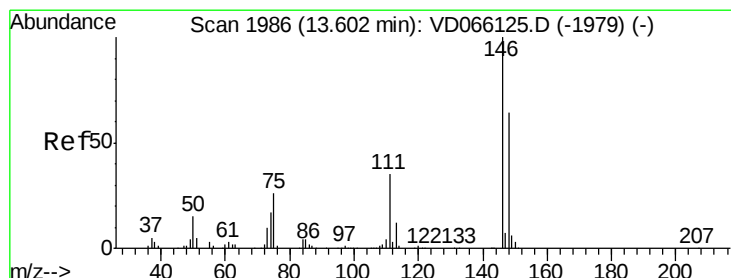
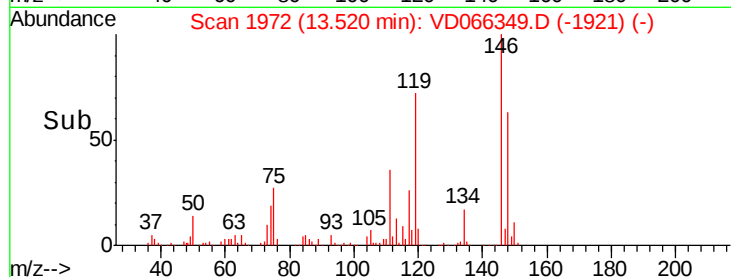
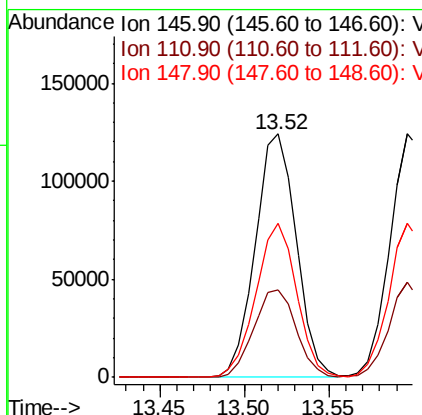
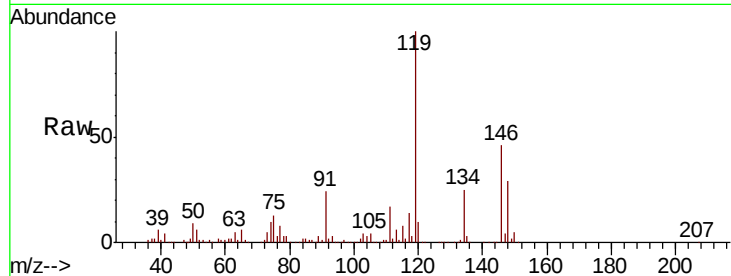




#87
 1,3-Dichlorobenzene
 Concen: 52.270 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

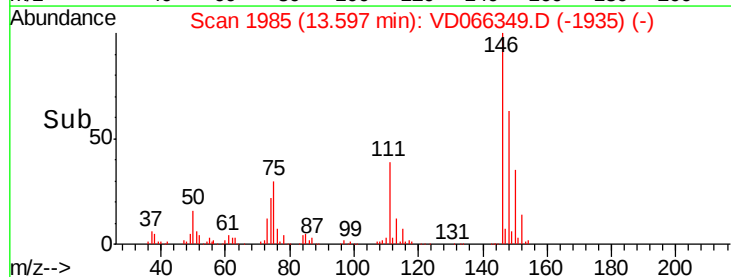
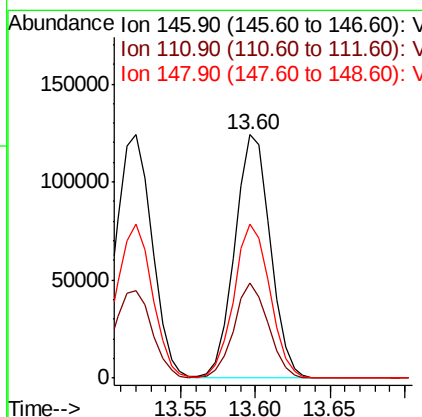
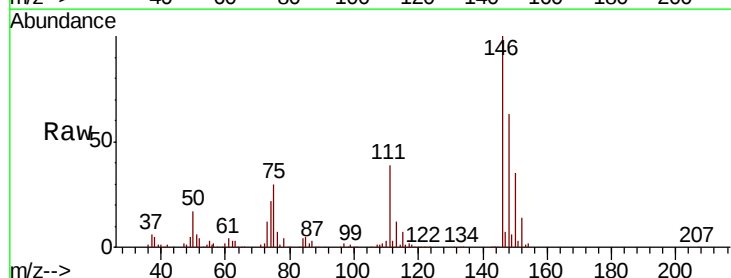
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

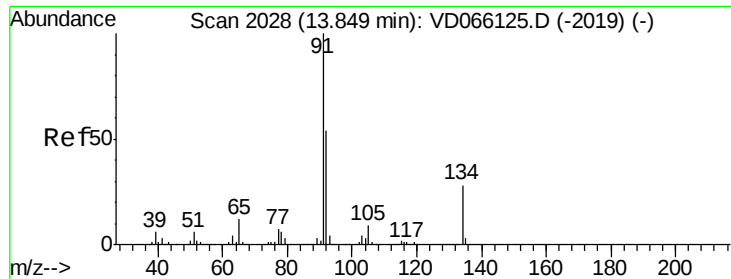
Tot Ion:146 Resp: 209413
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.9 56.9
 148 63.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 51.507 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

Tgt Ion:146 Resp: 205793
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.6 55.8
 148 63.7 32.4 97.0

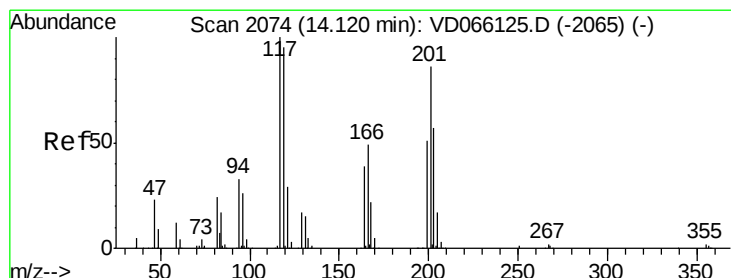
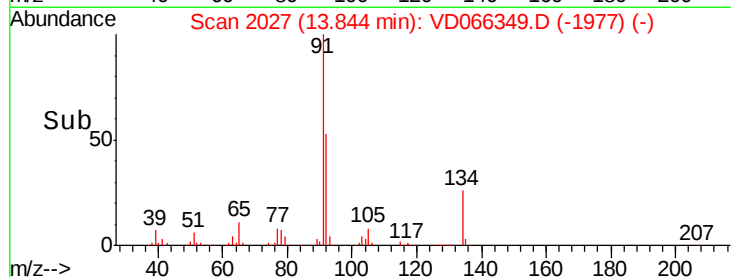
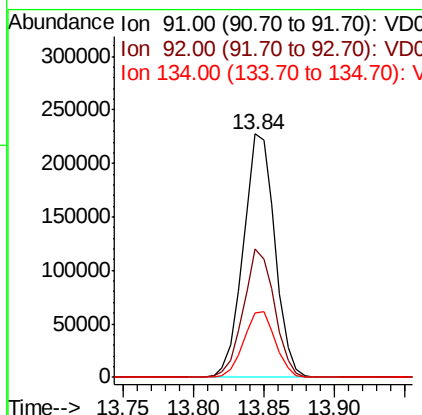
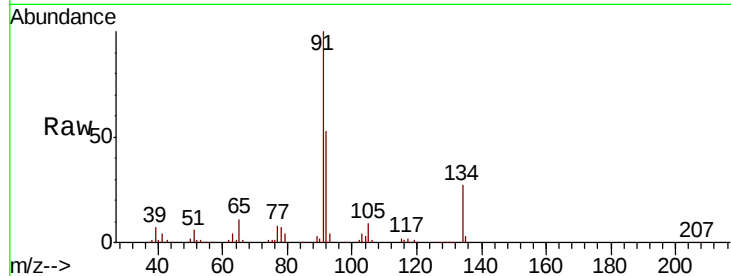




#89
n-Butylbenzene
Concen: 51.441 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

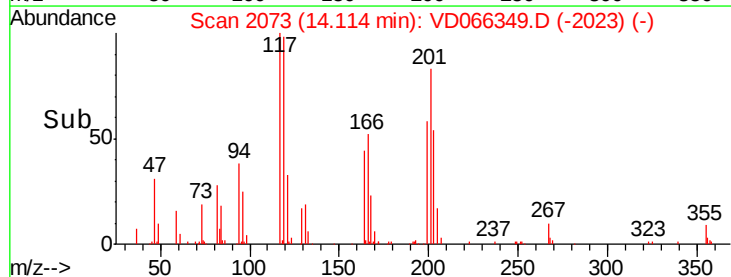
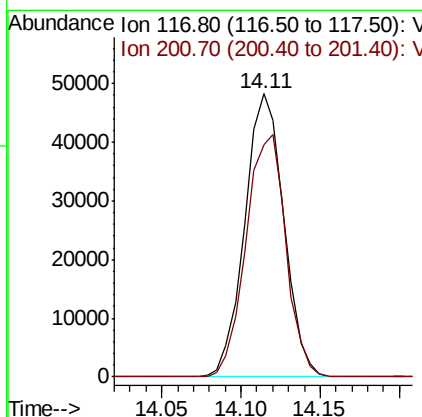
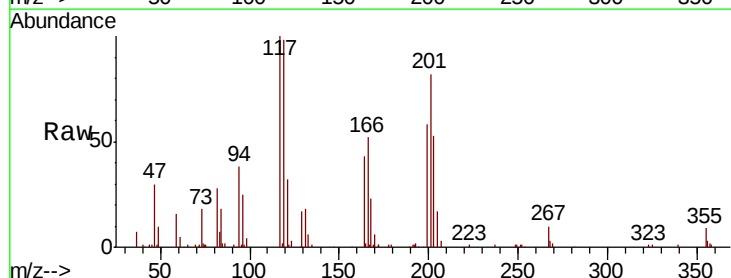
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

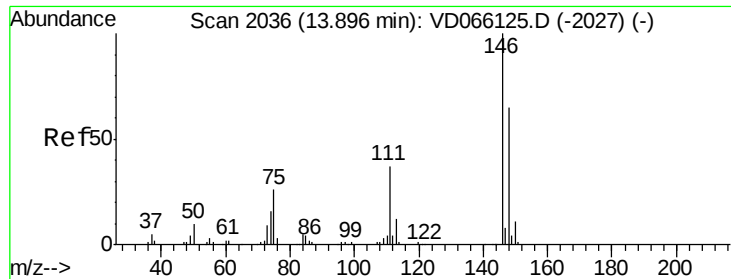
Tot Ion: 91 Resp: 355451
Ion Ratio Lower Upper
91 100
92 51.8 26.8 80.3
134 27.4 14.0 41.9



#90
Hexachloroethane
Concen: 53.895 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion: 117 Resp: 82898
Ion Ratio Lower Upper
117 100
201 87.3 42.7 128.1





#91

1,2-Dichlorobenzene

Concen: 51.511 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.01 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

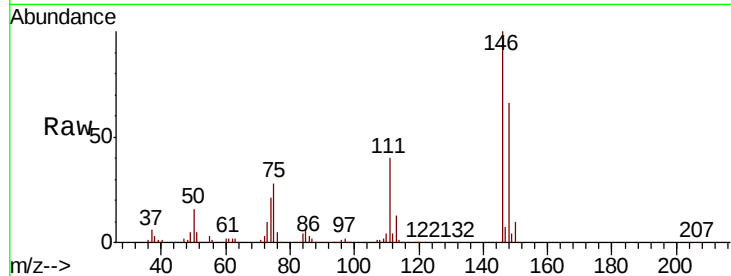
Tot Ion:146 Resp: 182510

Ion Ratio Lower Upper

146 100

111 40.6 18.8 56.3

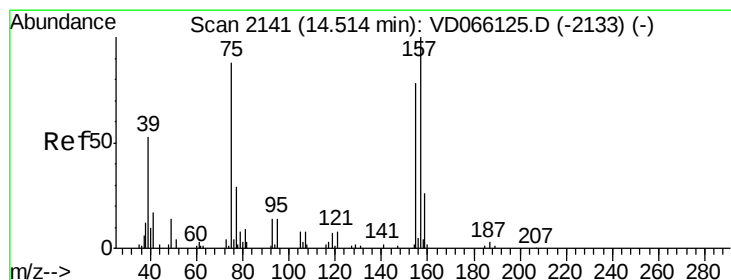
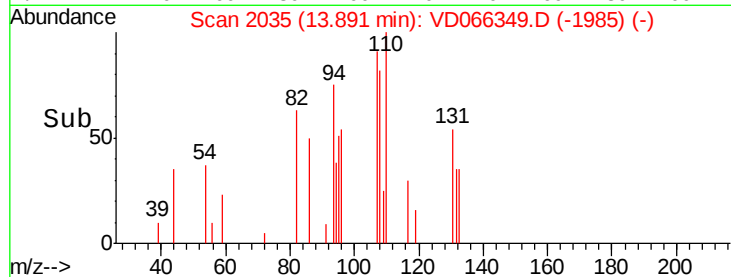
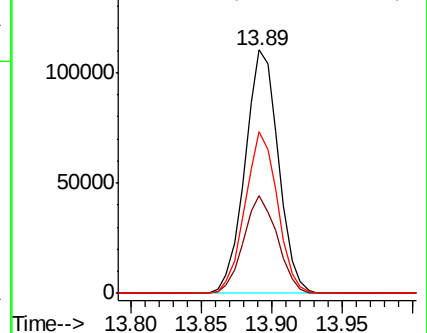
148 64.5 31.9 95.5



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.417 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

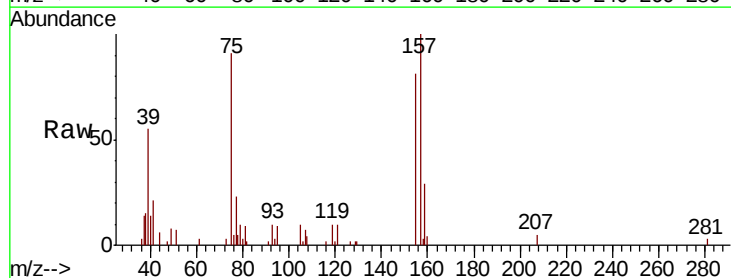
Tgt Ion: 75 Resp: 13206

Ion Ratio Lower Upper

75 100

155 88.7 47.7 143.1

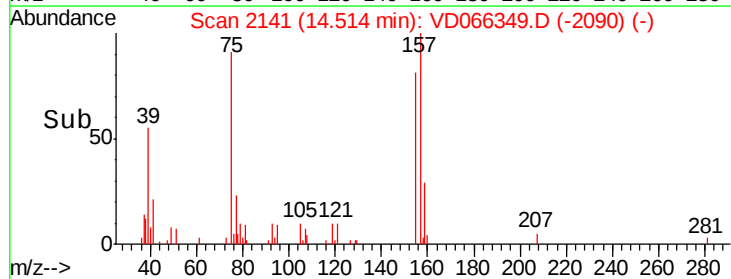
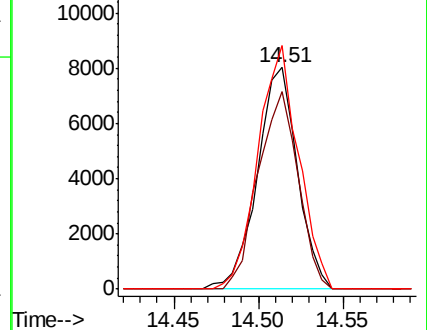
157 111.1 62.1 186.2

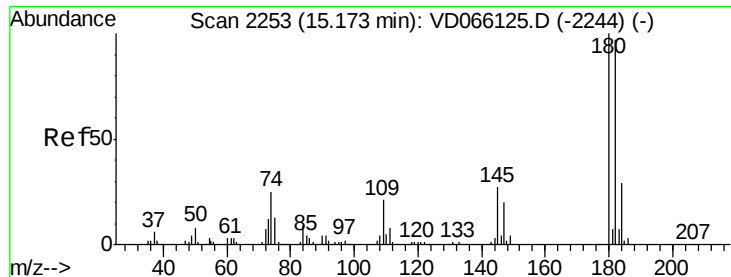


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

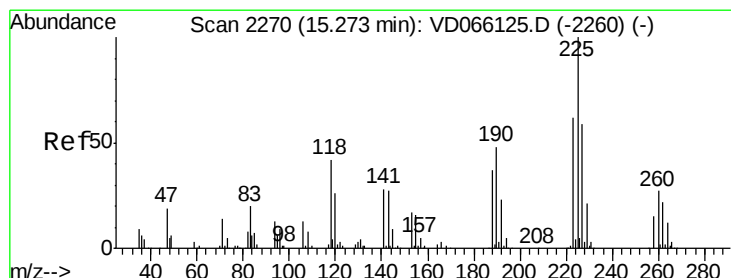
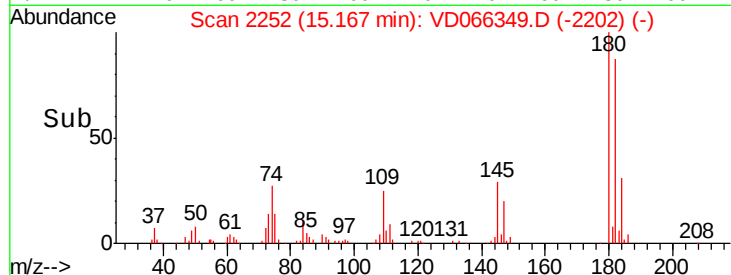
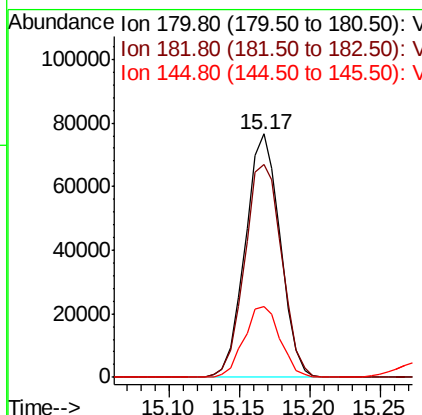
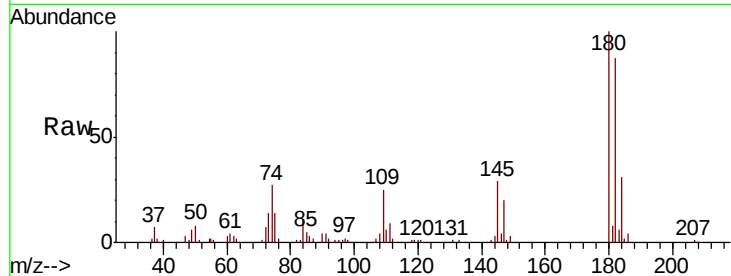




#93
 1,2,4-Trichlorobenzene
 Concen: 50.744 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

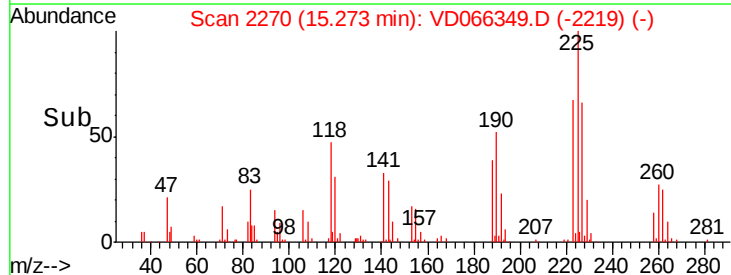
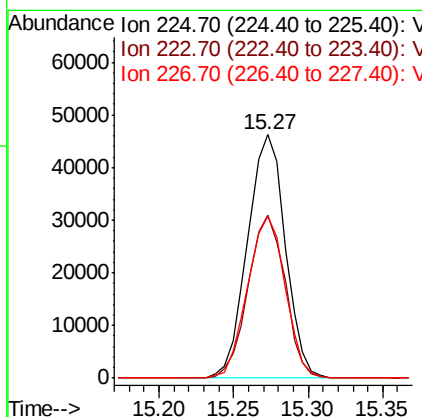
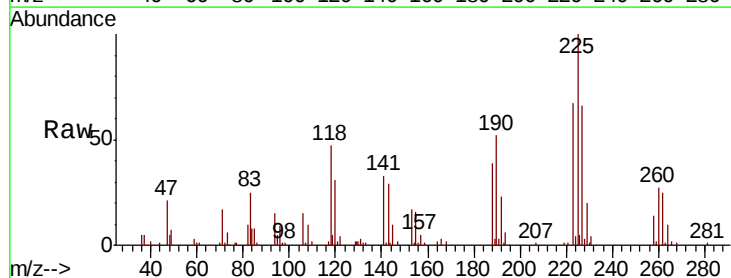
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

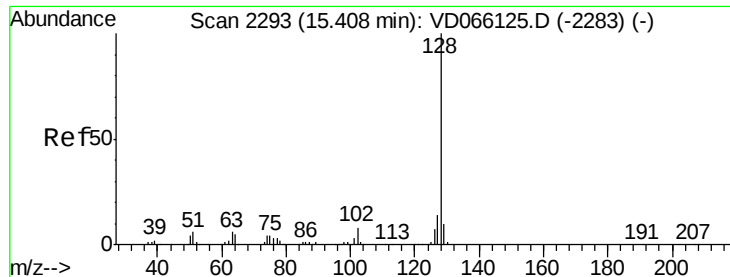
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.4	142.2
145	29.9	14.5	43.6



#94
 Hexachlorobutadiene
 Concen: 52.647 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	32.3	96.9
227	66.0	32.1	96.5

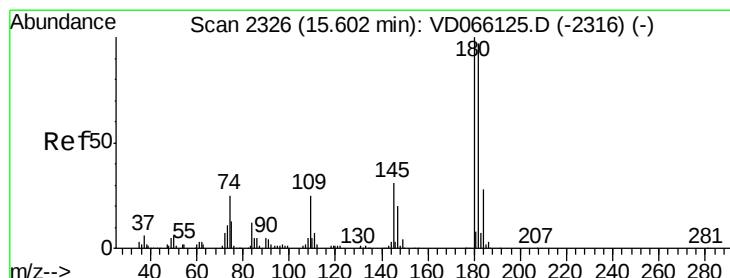
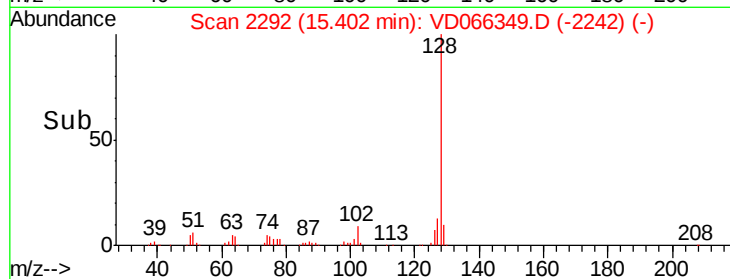
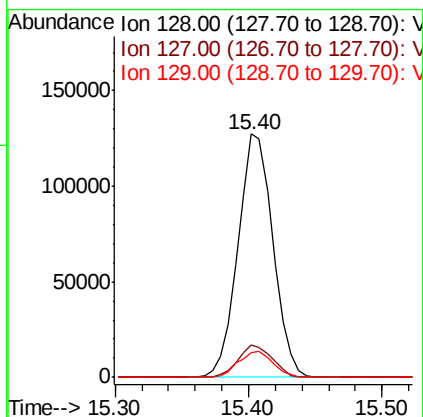
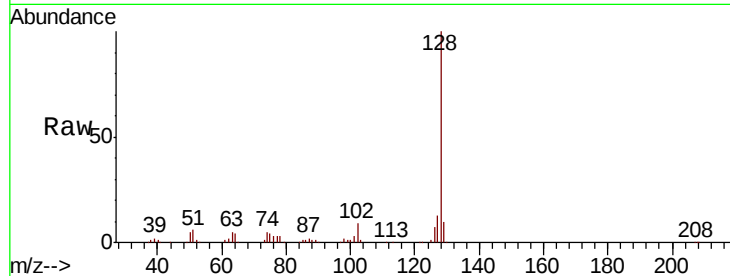




#95
Naphthalene
Concen: 54.071 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	11.0	16.4
129	10.6	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.388 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.1	141.4
145	31.9	14.9	44.9

