

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
 Data File : VD066906.D
 Acq On : 28 Sep 2020 11:57
 Operator : VA/SY
 Sample : VD0928SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBS01

Quant Time: Sep 29 00:54:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	429320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	674794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	610311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	297707	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	190980	45.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.90%	
35) Dibromofluoromethane	7.91	113	206788	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
50) Toluene-d8	10.34	98	737161	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.63	95	256939	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	76254	22.242	ug/l	92
3) Chloromethane	2.21	50	73185	18.553	ug/l	100
4) Vinyl Chloride	2.35	62	70845	18.179	ug/l	98
5) Bromomethane	2.76	94	48512	17.711	ug/l	98
6) Chloroethane	2.92	64	41972	17.344	ug/l #	80
7) Trichlorofluoromethane	3.27	101	156564	19.562	ug/l	100
8) Diethyl Ether	3.71	74	40776	20.069	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	92773	19.991	ug/l	98
10) Methyl Iodide	4.30	142	74357	18.157	ug/l	96
11) Tert butyl alcohol	5.23	59	33488	103.999	ug/l #	86
12) 1,1-Dichloroethene	4.06	96	81925	19.487	ug/l	98
13) Acrolein	3.93	56	24419	78.776	ug/l	94
14) Allyl chloride	4.71	41	113759	18.428	ug/l	98
15) Acrylonitrile	5.43	53	85091	94.501	ug/l	99
16) Acetone	4.16	43	74738	83.844	ug/l	96
17) Carbon Disulfide	4.41	76	247266	19.238	ug/l	96
18) Methyl Acetate	4.72	43	38833	17.140	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	182247	19.962	ug/l	98
20) Methylene Chloride	4.97	84	116975	20.930	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	94891	19.494	ug/l	95
22) Diisopropyl ether	6.36	45	239654	18.881	ug/l	95
23) Vinyl Acetate	6.31	43	607854	89.936	ug/l	99
24) 1,1-Dichloroethane	6.27	63	159470	18.781	ug/l	96
25) 2-Butanone	7.21	43	100760	94.062	ug/l	98
26) 2,2-Dichloropropane	7.20	77	146790	18.861	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	106669	20.168	ug/l	95
28) Bromochloromethane	7.55	49	62711	17.877	ug/l #	93
29) Tetrahydrofuran	7.56	42	65570	95.530	ug/l	97
30) Chloroform	7.71	83	174456	19.060	ug/l	99
31) Cyclohexane	7.98	56	141933	18.577	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	161761	19.536	ug/l	99
36) 1,1-Dichloropropene	8.11	75	133047	19.874	ug/l	99
37) Ethyl Acetate	7.29	43	48071	19.863	ug/l #	92
38) Carbon Tetrachloride	8.10	117	145324	19.856	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
 Data File : VD066906.D
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 Sample : VD0928SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	151097	19.658	ug/l	96
40) Benzene	8.34	78	373105	19.998	ug/l	94
41) Methacrylonitrile	7.51	41	23734	15.947	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	104972	19.032	ug/l	98
43) Isopropyl Acetate	8.45	43	88413	18.949	ug/l	98
44) Trichloroethene	9.11	130	108299	20.365	ug/l	98
45) 1,2-Dichloropropane	9.38	63	90622	19.305	ug/l	99
46) Dibromomethane	9.47	93	51060	20.020	ug/l	95
47) Bromodichloromethane	9.66	83	133673	19.510	ug/l	99
48) Methyl methacrylate	9.46	41	42237	18.360	ug/l	97
49) 1,4-Dioxane	9.46	88	13257	395.628	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	229972	97.272	ug/l	100
52) Toluene	10.40	92	243753	20.282	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	119201	20.441	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	144268	20.289	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	70129	20.001	ug/l	98
56) Ethyl methacrylate	10.66	69	76743	20.431	ug/l	98
57) 1,3-Dichloropropane	10.94	76	115669	19.979	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	206967	116.372	ug/l	97
59) 2-Hexanone	10.98	43	156892	98.404	ug/l	99
60) Dibromochloromethane	11.14	129	95315	20.829	ug/l	98
61) 1,2-Dibromoethane	11.24	107	68533	21.015	ug/l	98
64) Tetrachloroethene	10.87	164	94715	21.575	ug/l	98
65) Chlorobenzene	11.67	112	261981	20.622	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	101109	21.028	ug/l	100
67) Ethyl Benzene	11.74	91	455871	20.431	ug/l	98
68) m/p-Xylenes	11.85	106	361404	42.781	ug/l	97
69) o-Xylene	12.18	106	159113	20.830	ug/l	99
70) Styrene	12.19	104	279397	21.062	ug/l	99
71) Bromoform	12.36	173	52831	21.701	ug/l #	98
73) Isopropylbenzene	12.48	105	438845	20.405	ug/l	99
74) N-amyl acetate	12.29	43	82631	19.675	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	74984	20.206	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	94473	38.292	ug/l #	100
77) Bromobenzene	12.76	156	105498	20.974	ug/l	95
78) n-propylbenzene	12.82	91	523784	20.244	ug/l	98
79) 2-Chlorotoluene	12.91	91	296675	20.122	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	375169	20.559	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	22349	22.664	ug/l	94
82) 4-Chlorotoluene	13.00	91	313939	20.199	ug/l	99
83) tert-Butylbenzene	13.23	119	312615	20.848	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	377877	20.883	ug/l	100
85) sec-Butylbenzene	13.40	105	443717	20.578	ug/l	100
86) p-Isopropyltoluene	13.52	119	406386	20.908	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	201469	20.274	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	203210	20.589	ug/l	98
89) n-Butylbenzene	13.84	91	369342	19.992	ug/l	99
90) Hexachloroethane	14.11	117	76593	19.410	ug/l	93
91) 1,2-Dichlorobenzene	13.89	146	175168	20.604	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11883	19.905	ug/l	93

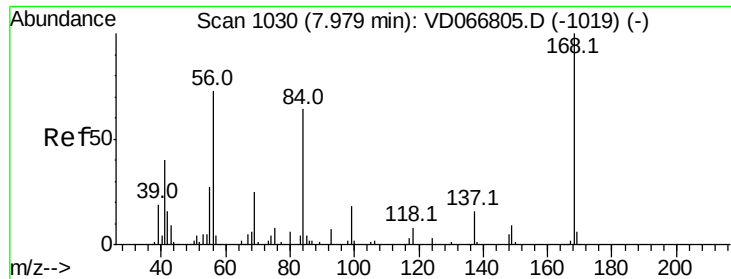
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092820\
Data File : VD066906.D
Acq On : 28 Sep 2020 11:57
Operator : VA/SY
Sample : VD0928SBS01
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	114058	21.312	ug/l	93
94) Hexachlorobutadiene	15.27	225	67035	20.902	ug/l	98
95) Naphthalene	15.41	128	185851	20.454	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	94981	20.562	ug/l	98

(#) = 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. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

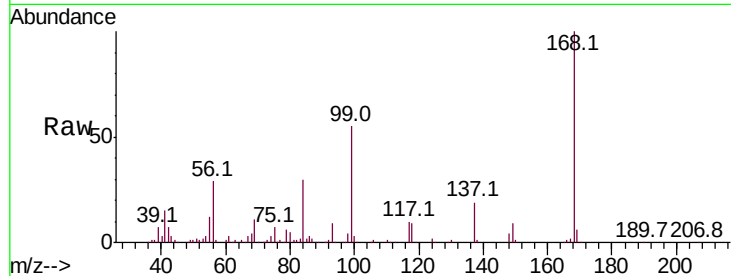
VD0928SBS01

Tot Ion:168 Resp: 429320

Ion Ratio Lower Upper

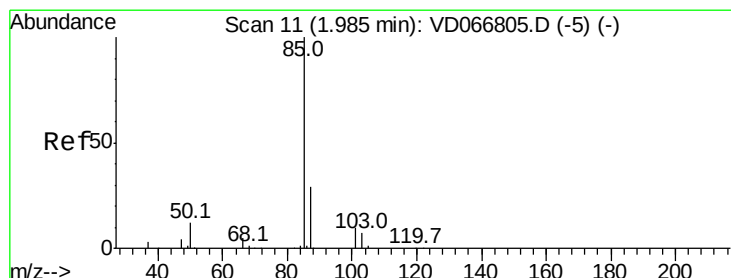
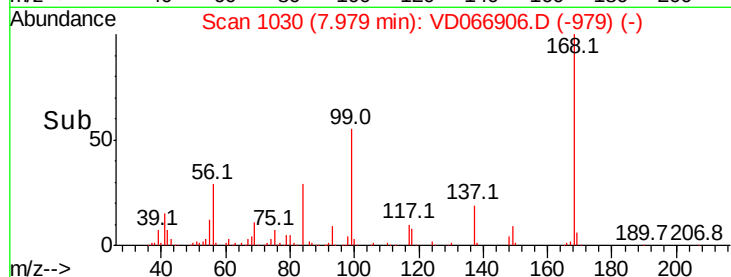
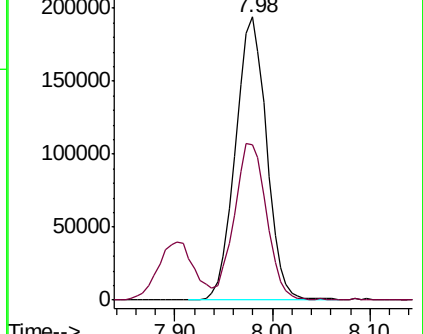
168 100

99 54.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 22.242 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066906.D

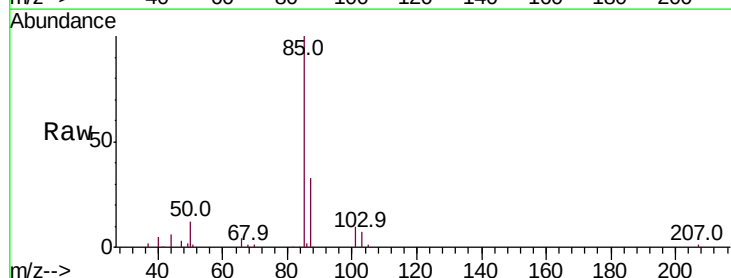
Acq: 28 Sep 2020 11:57

Tgt Ion: 85 Resp: 76254

Ion Ratio Lower Upper

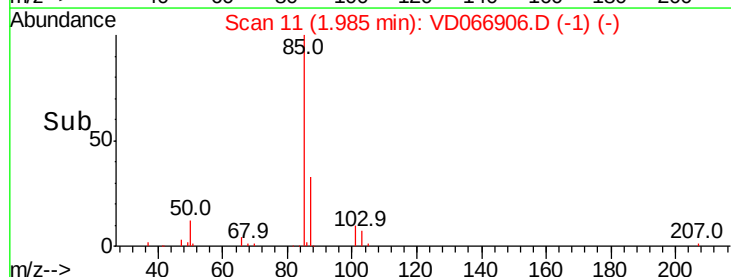
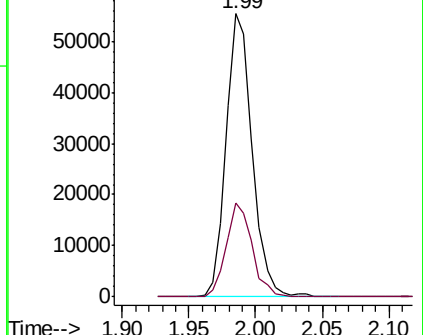
85 100

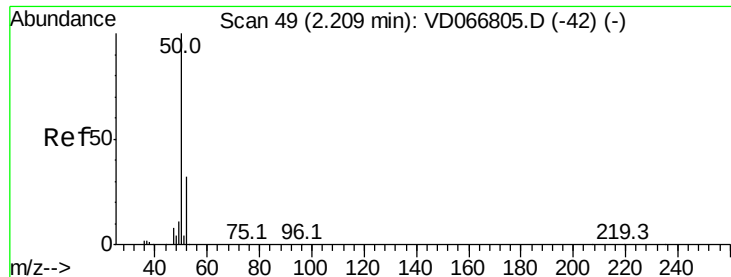
87 33.0 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 18.553 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

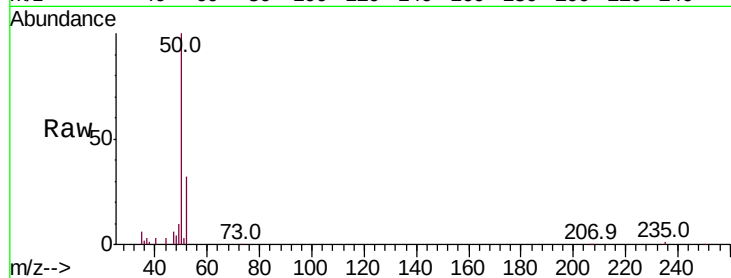
VD0928SBS01

Tot Ion: 50 Resp: 73185

Ion Ratio Lower Upper

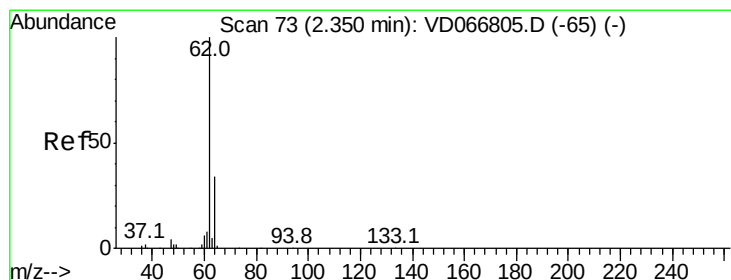
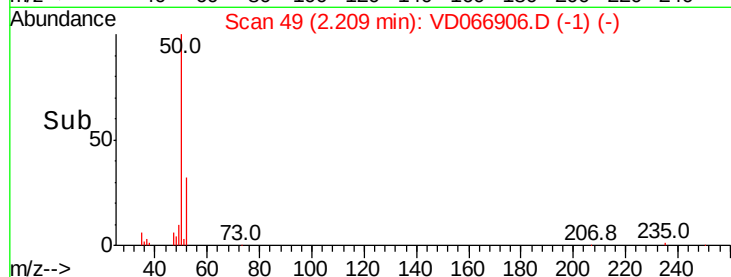
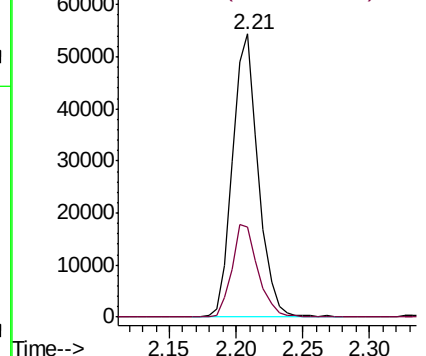
50 100

52 31.7 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 18.179 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066906.D

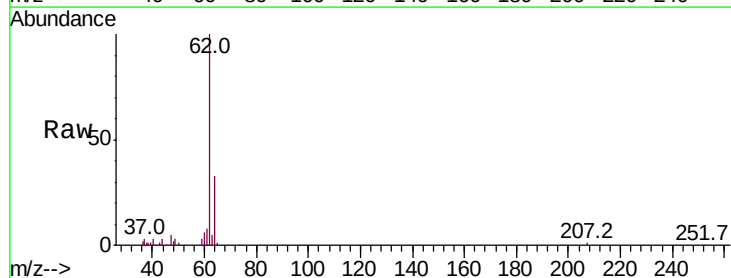
Acq: 28 Sep 2020 11:57

Tgt Ion: 62 Resp: 70845

Ion Ratio Lower Upper

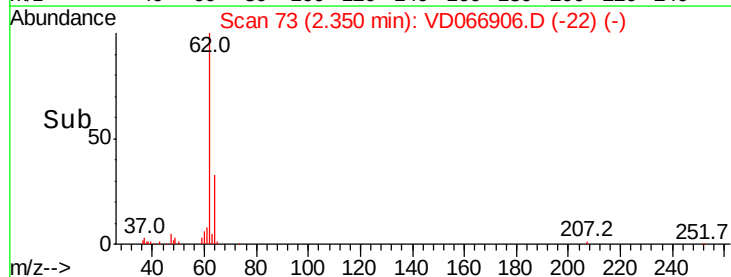
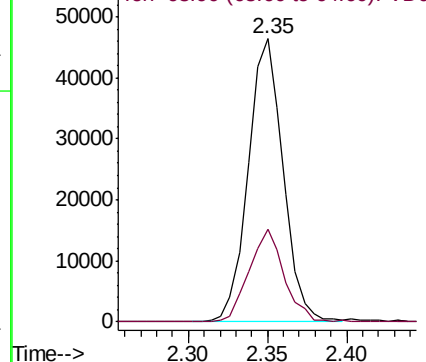
62 100

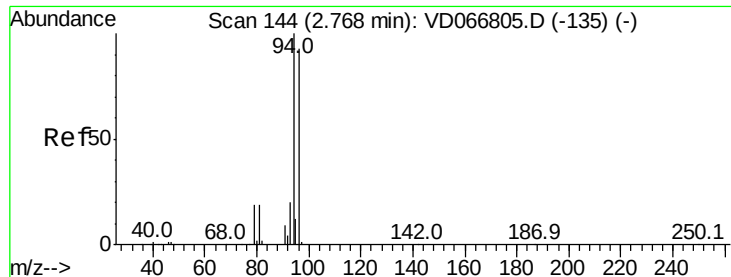
64 32.6 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 17.711 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

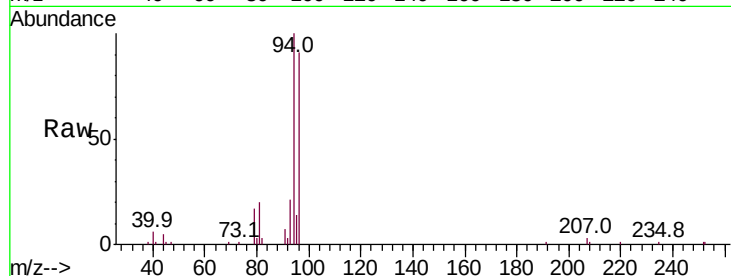
VD0928SBS01

Tot Ion: 94 Resp: 48512

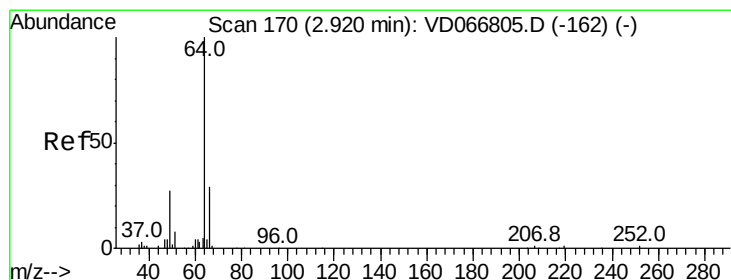
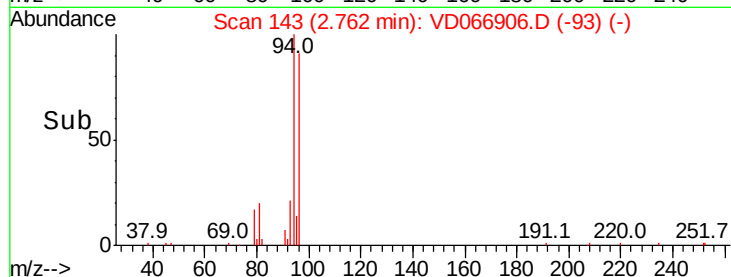
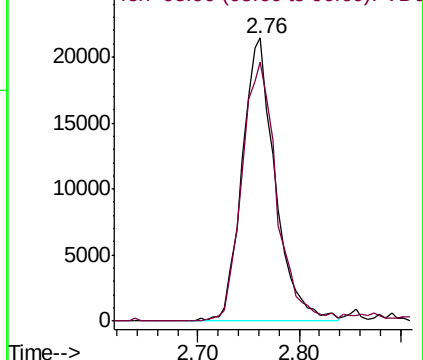
Ion Ratio Lower Upper

94 100

96 91.4 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VDC
Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 17.344 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066906.D

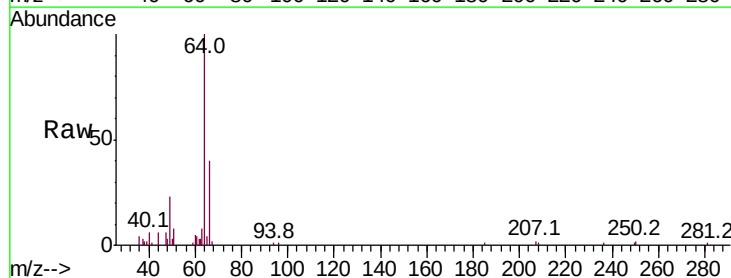
Acq: 28 Sep 2020 11:57

Tgt Ion: 64 Resp: 41972

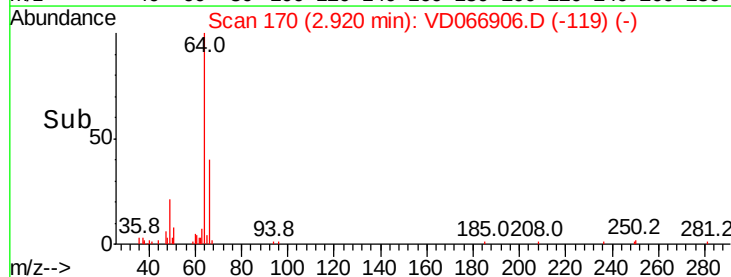
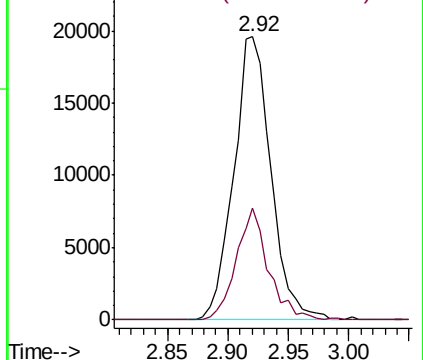
Ion Ratio Lower Upper

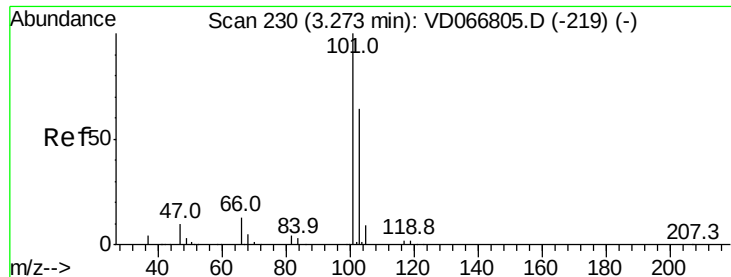
64 100

66 39.6 23.3 34.9#



Abundance Ion 63.90 (63.60 to 64.60): VDC
Ion 65.90 (65.60 to 66.60): VDC



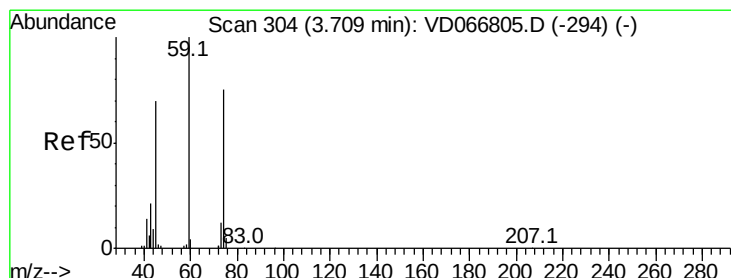
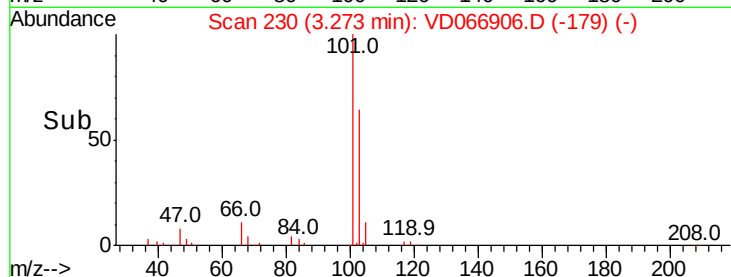
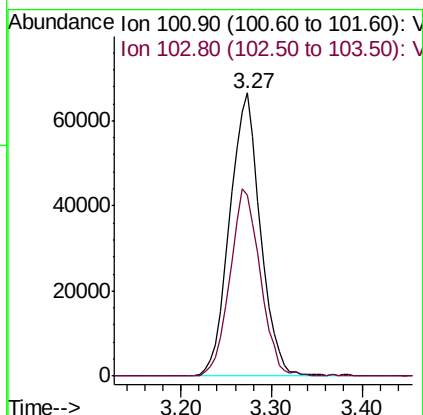
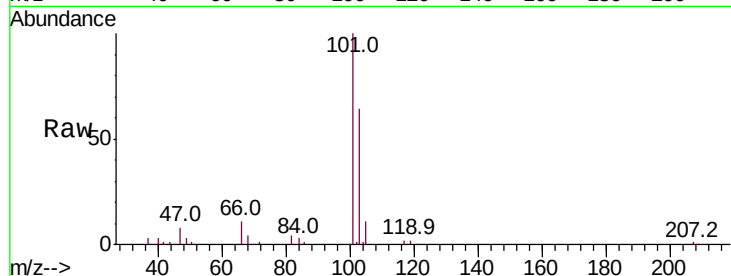


#7

Trichlorofluoromethane
 Concen: 19.562 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066906.D
 Acq: 28 Sep 2020 11:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBS01

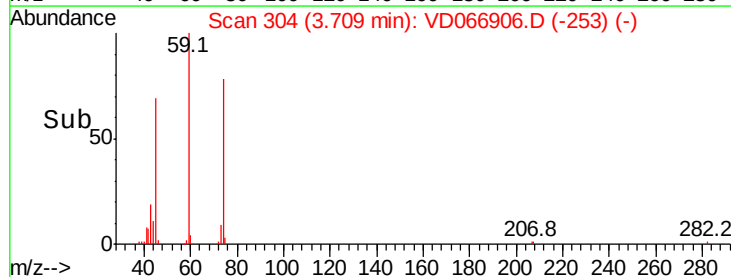
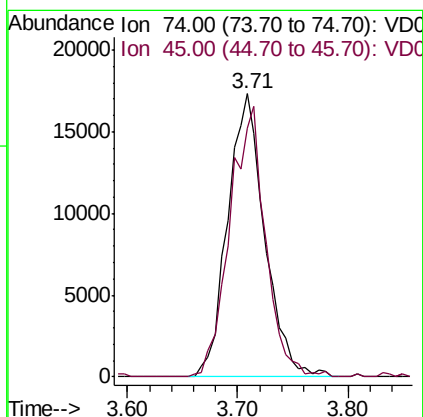
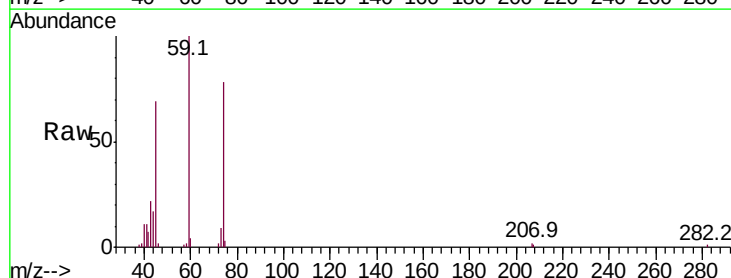
Tot Ion:101 Resp: 156564
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.0 76.6

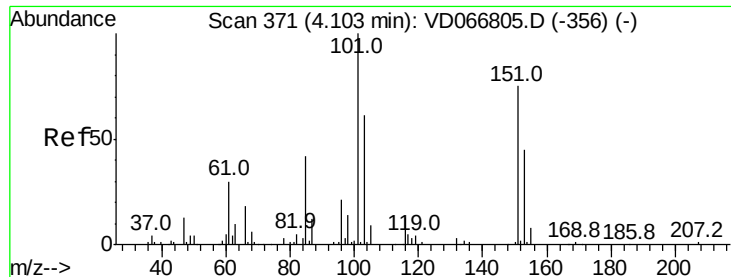


#8

Diethyl Ether
 Concen: 20.069 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066906.D
 Acq: 28 Sep 2020 11:57

Tgt Ion: 74 Resp: 40776
 Ion Ratio Lower Upper
 74 100
 45 92.3 46.0 138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.991 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

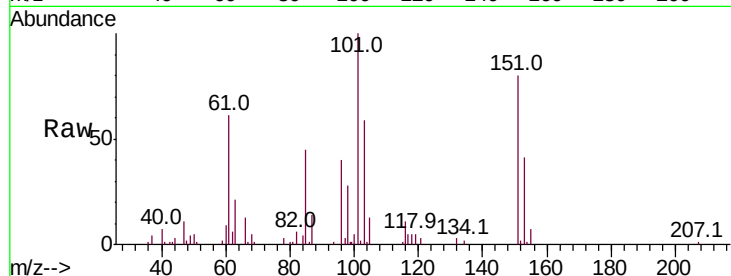
Tot Ion:101 Resp: 92773

Ion Ratio Lower Upper

101 100

85 43.5 35.4 53.2

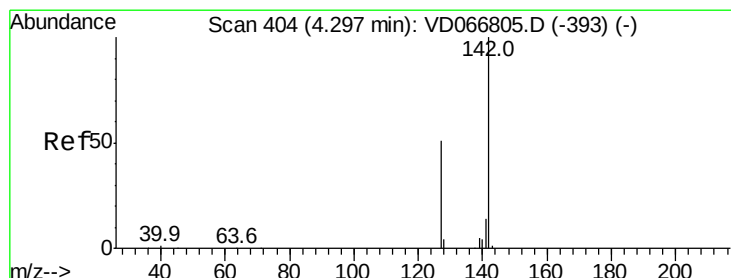
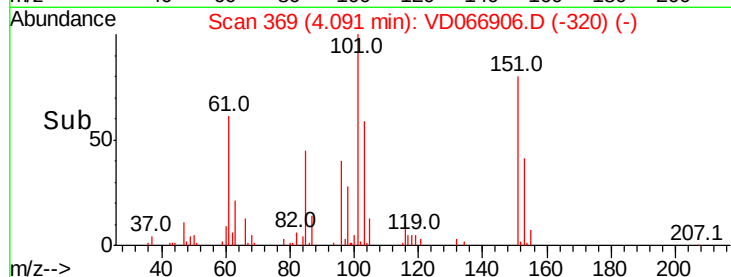
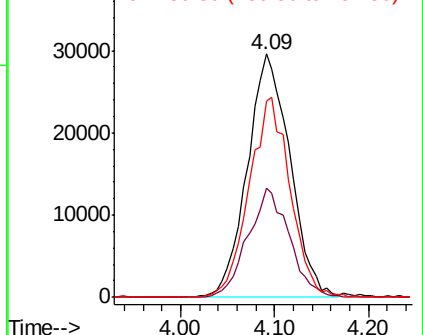
151 79.0 61.4 92.0



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: 18.157 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

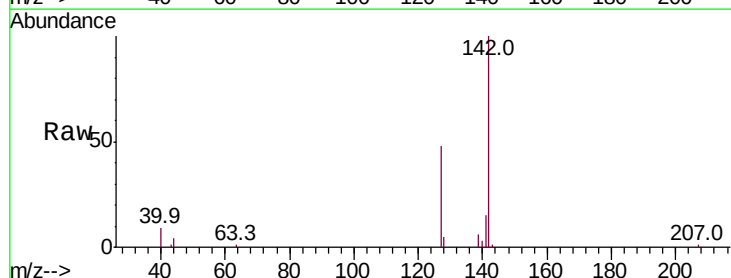
Tgt Ion:142 Resp: 74357

Ion Ratio Lower Upper

142 100

127 45.9 39.4 59.0

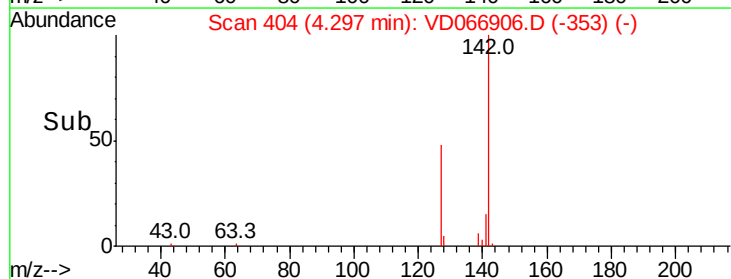
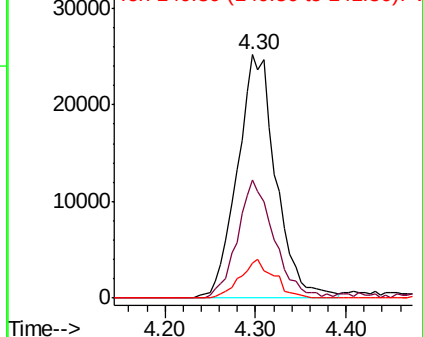
141 14.1 12.1 18.1

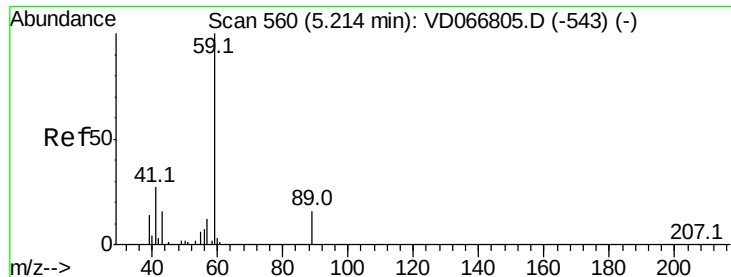


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



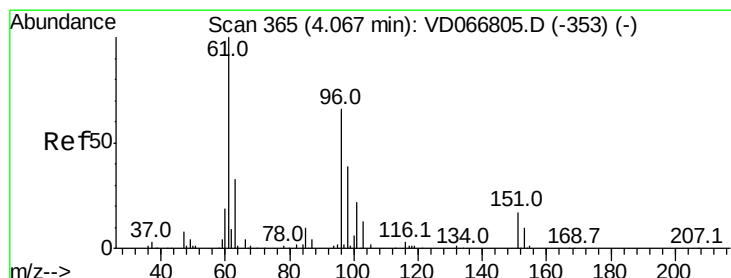
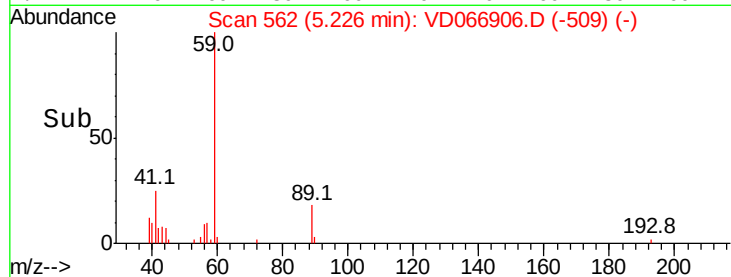
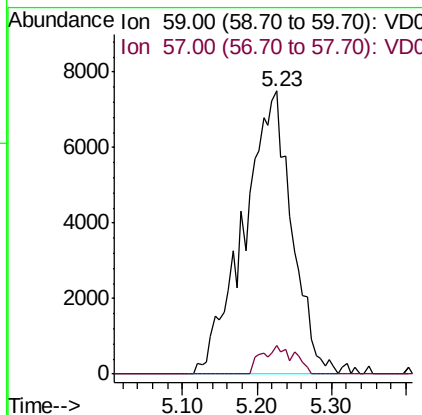
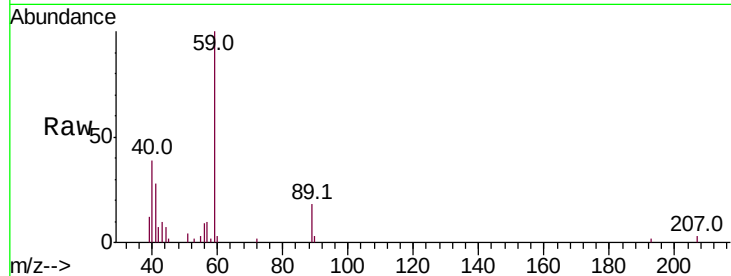


#11

Tert butyl alcohol
Concen: 103.999 ug/l
RT: 5.23 min Scan# 562
Delta R.T. 0.01 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

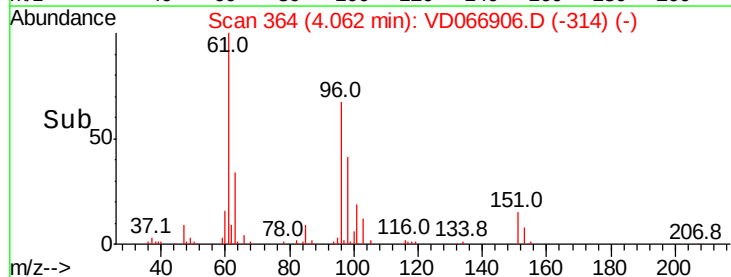
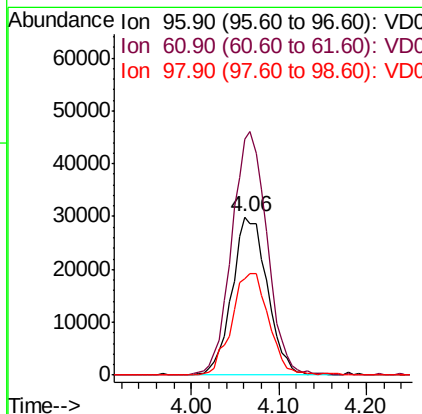
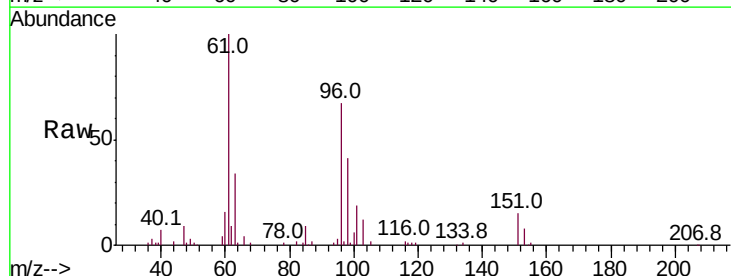
Tot Ion: 59 Resp: 33488
Ion Ratio Lower Upper
59 100
57 5.2 8.3 12.5#

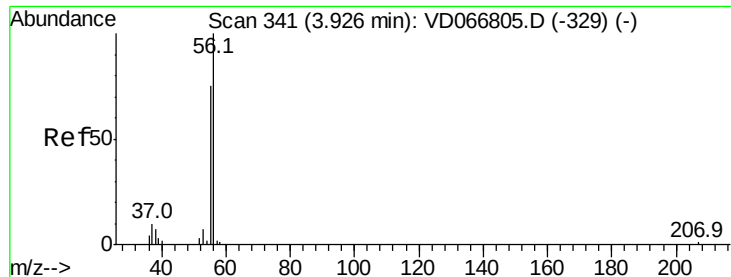


#12

1,1-Dichloroethene
Concen: 19.487 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Tgt Ion: 96 Resp: 81925
Ion Ratio Lower Upper
96 100
61 149.2 120.8 181.2
98 61.3 47.7 71.5





#13

Acrolein

Concen: 78.776 ug/l

RT: 3.93 min Scan# 342

Delta R.T. 0.01 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

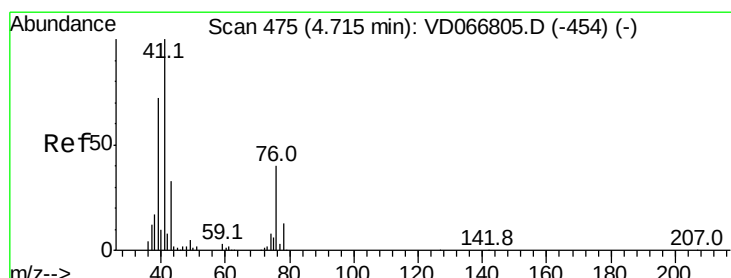
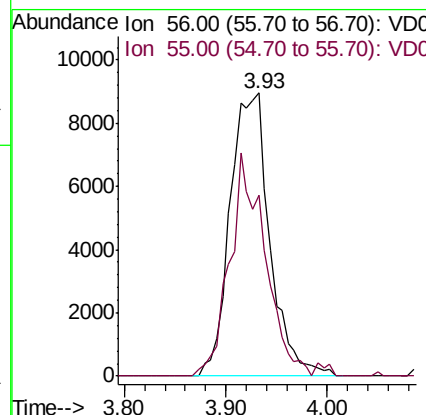
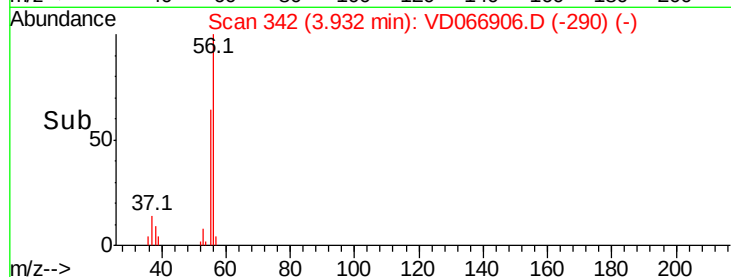
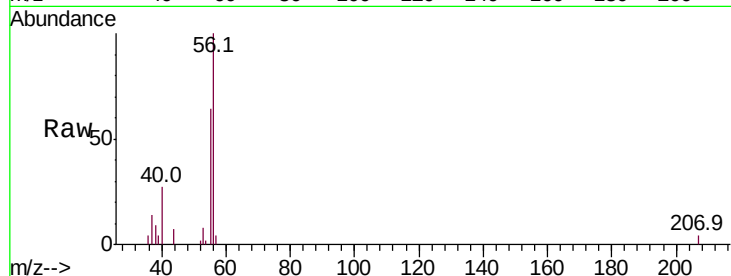
VD0928SBS01

Tot Ion: 56 Resp: 24419

Ion Ratio Lower Upper

56 100

55 70.3 60.3 90.5



#14

Allyl chloride

Concen: 18.428 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

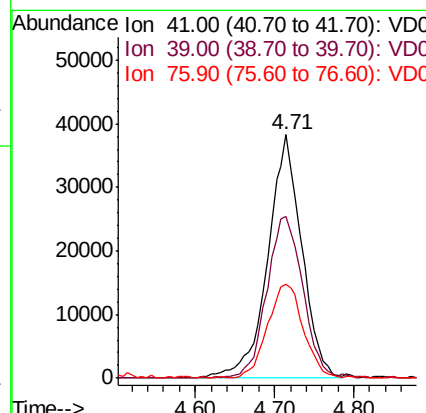
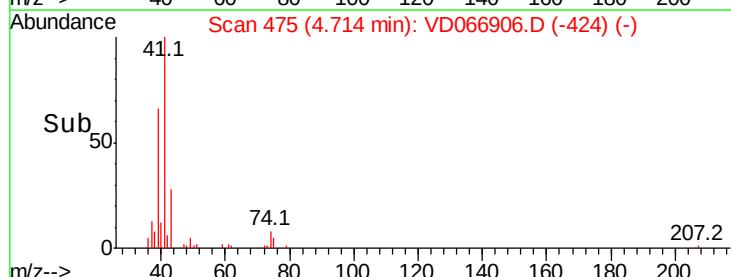
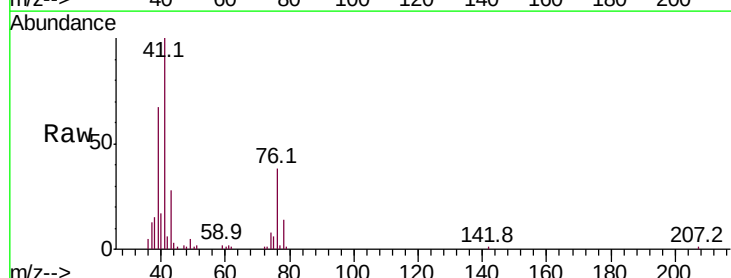
Tgt Ion: 41 Resp: 113759

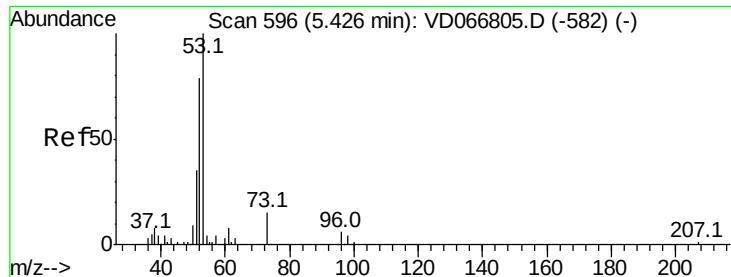
Ion Ratio Lower Upper

41 100

39 70.8 57.8 86.8

76 40.5 30.9 46.3





#15

Acrylonitrile

Concen: 94.501 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

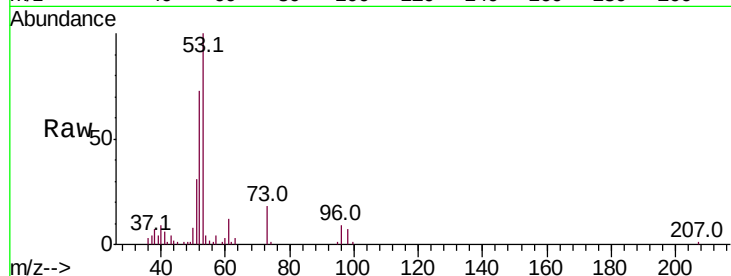
Tot Ion: 53 Resp: 85091

Ion Ratio Lower Upper

53 100

52 80.9 65.2 97.8

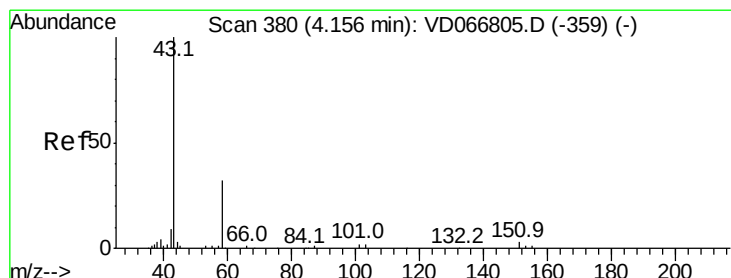
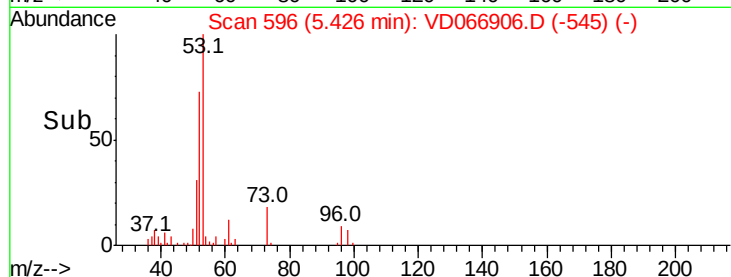
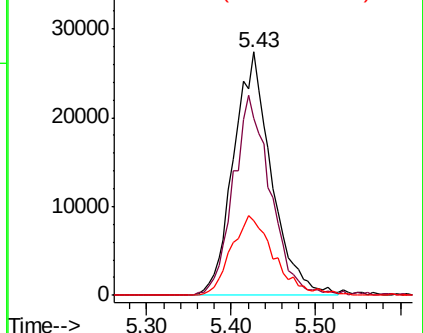
51 37.1 30.6 46.0



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 83.844 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066906.D

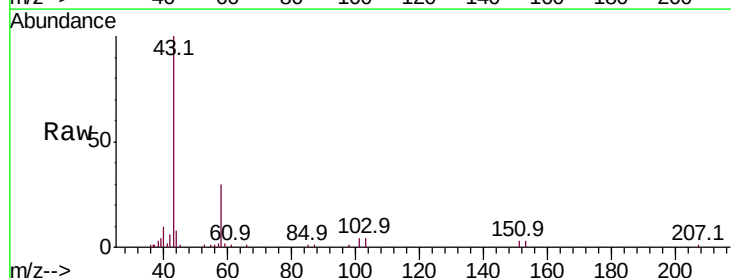
Acq: 28 Sep 2020 11:57

Tgt Ion: 43 Resp: 74738

Ion Ratio Lower Upper

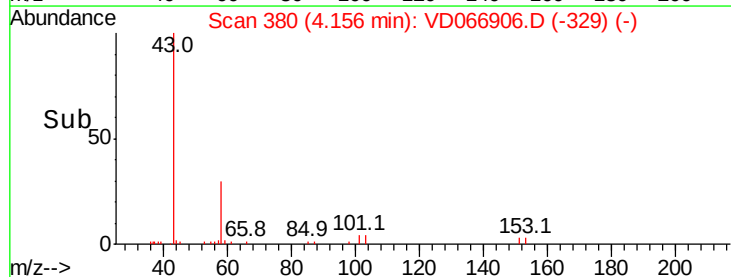
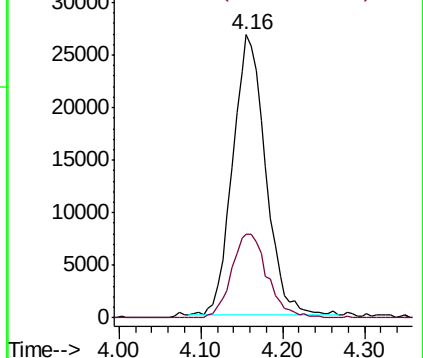
43 100

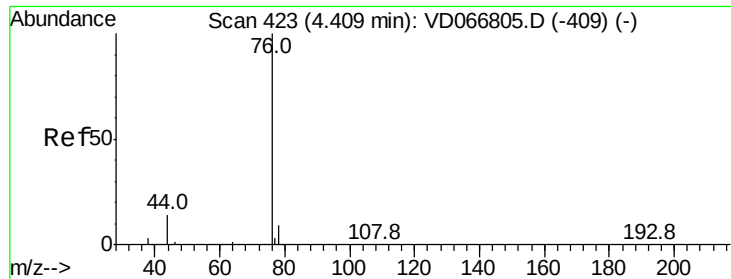
58 30.0 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 19.238 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

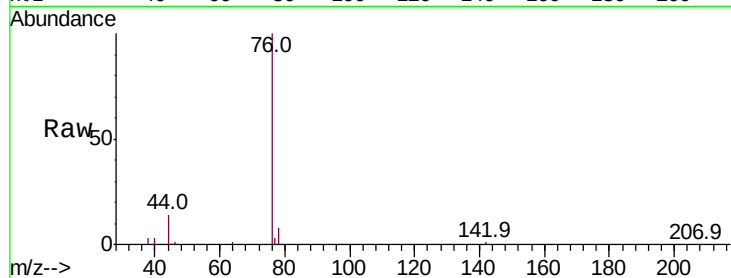
VD0928SBS01

Tot Ion: 76 Resp: 247266

Ion Ratio Lower Upper

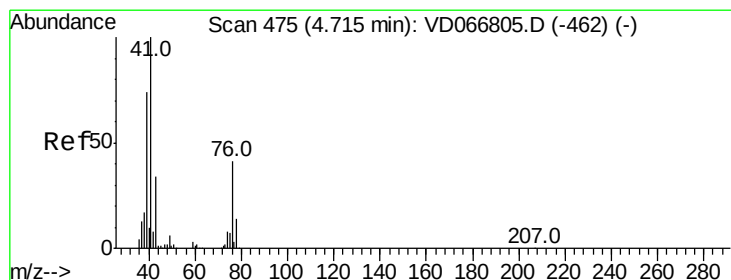
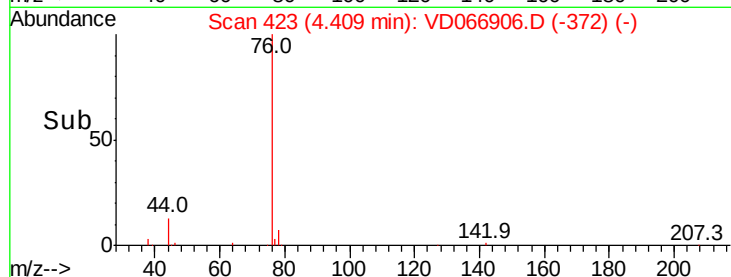
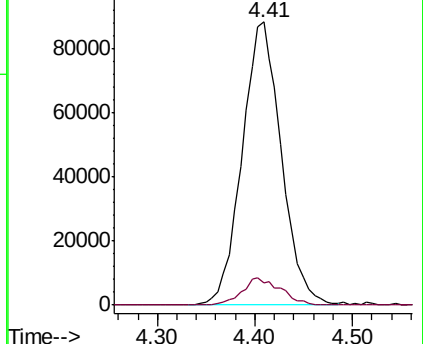
76 100

78 8.0 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 17.140 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066906.D

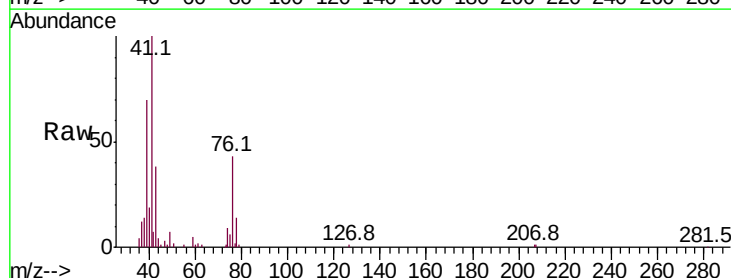
Acq: 28 Sep 2020 11:57

Tgt Ion: 43 Resp: 38833

Ion Ratio Lower Upper

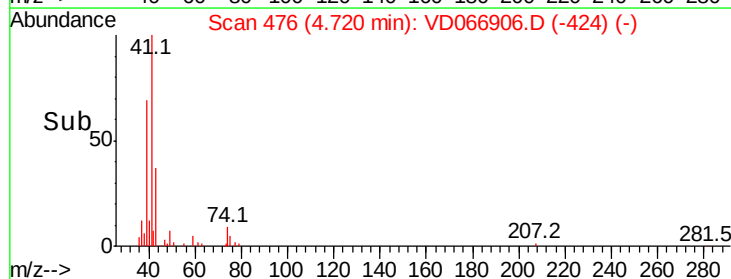
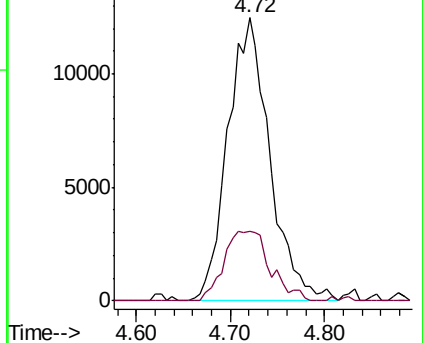
43 100

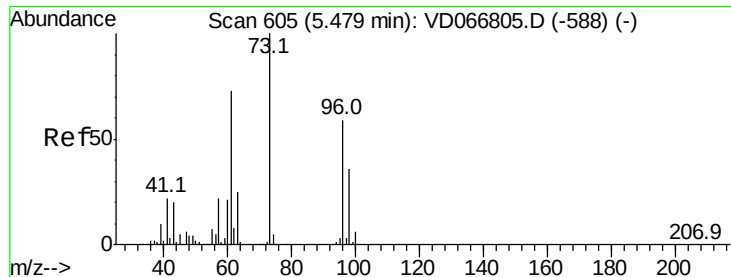
74 26.8 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

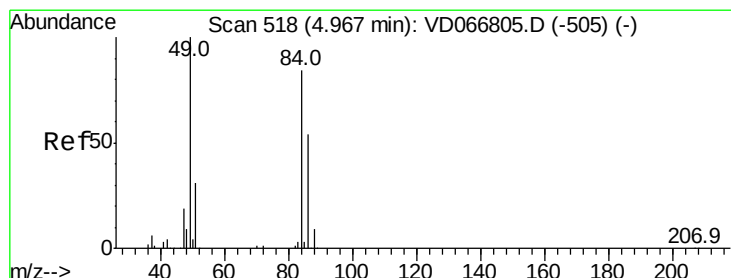
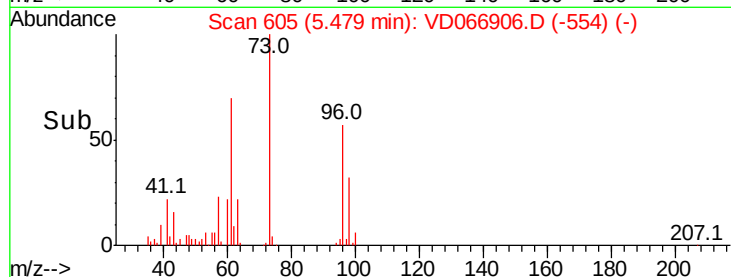
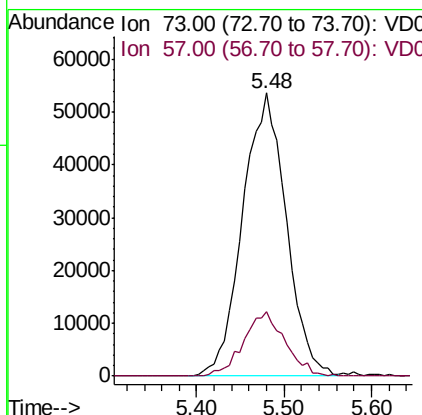
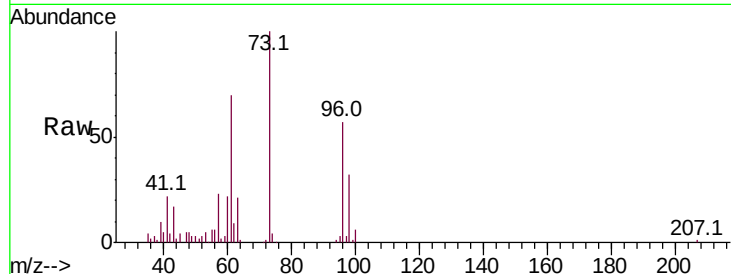




#19
Methyl tert-butyl Ether
Concen: 19.962 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

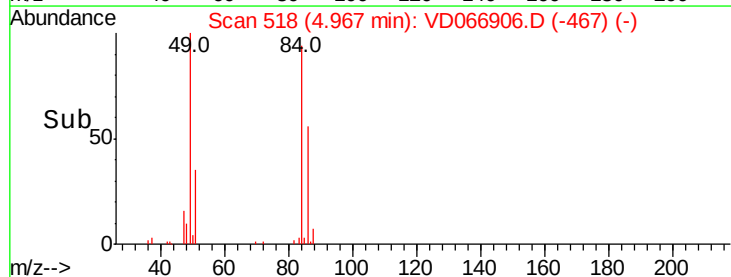
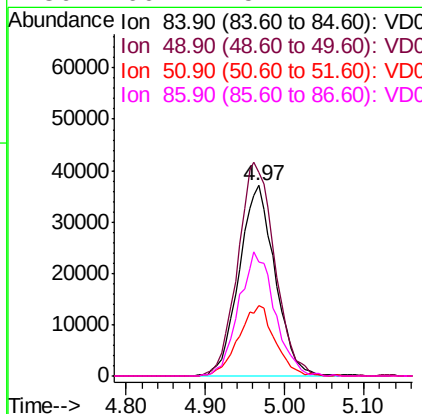
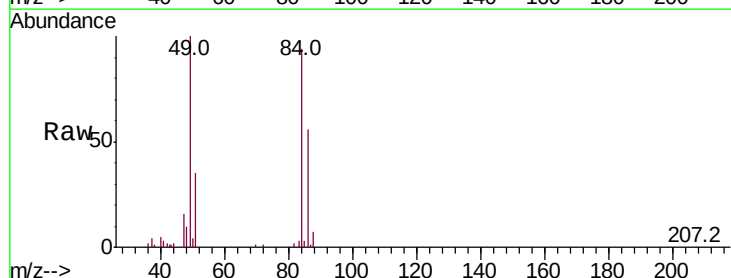
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

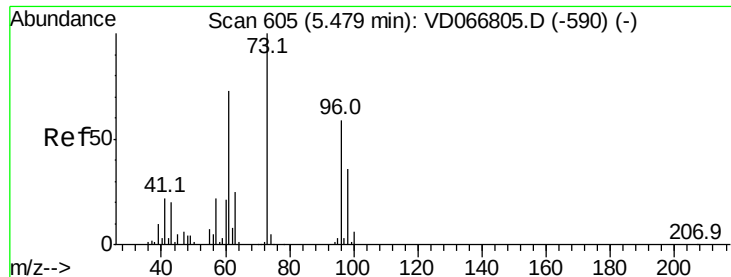
Tot Ion: 73 Resp: 182247
Ion Ratio Lower Upper
73 100
57 22.7 17.4 26.2



#20
Methylene Chloride
Concen: 20.930 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Tgt Ion: 84 Resp: 116975
Ion Ratio Lower Upper
84 100
49 106.8 95.4 143.2
51 37.3 29.7 44.5
86 60.2 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 19.494 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

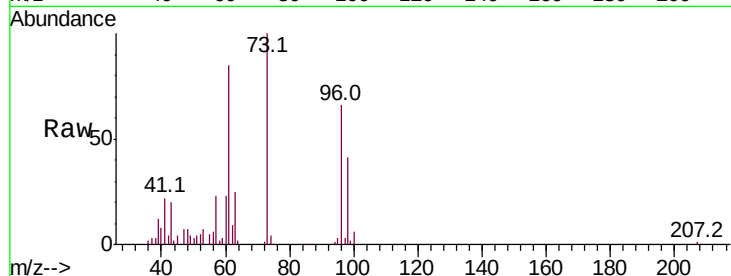
Tot Ion: 96 Resp: 94891

Ion Ratio Lower Upper

96 100

61 129.7 98.9 148.3

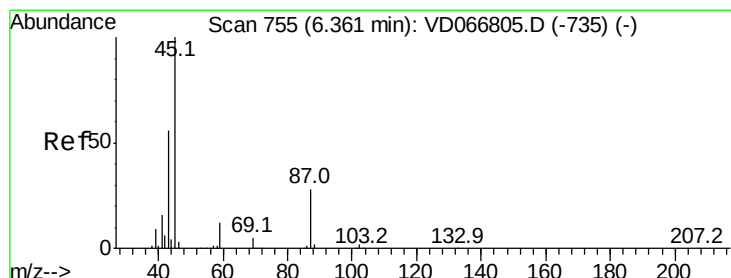
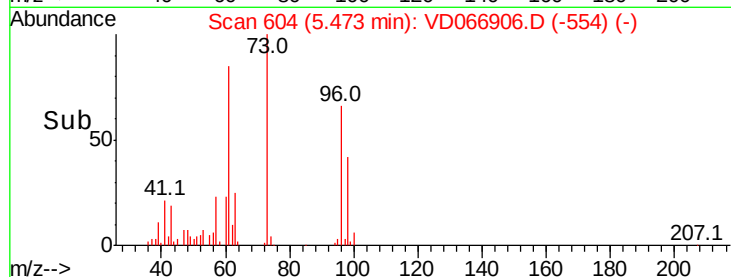
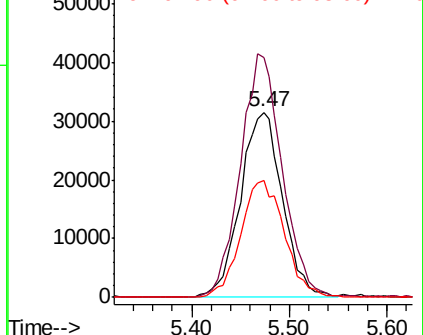
98 63.1 48.4 72.6



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: 18.881 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Tgt Ion: 45 Resp: 239654

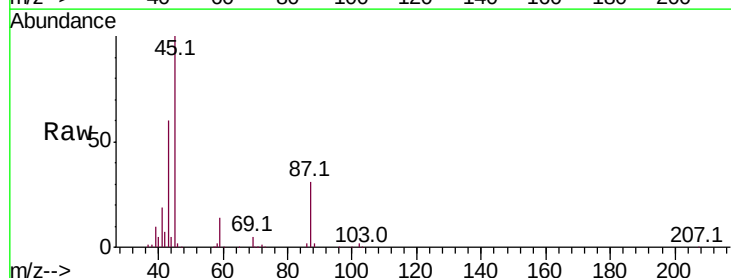
Ion Ratio Lower Upper

45 100

43 59.4 44.5 66.7

87 31.1 22.9 34.3

59 13.6 9.4 14.0

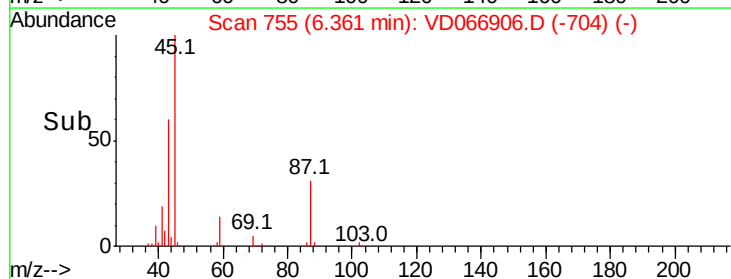
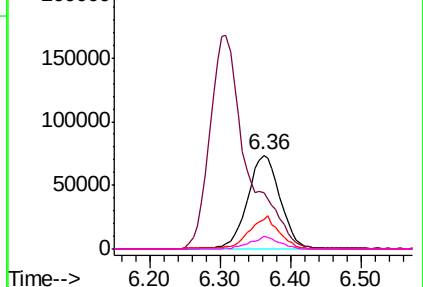


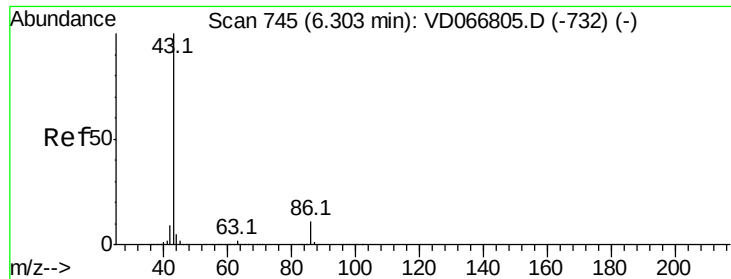
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 89.936 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

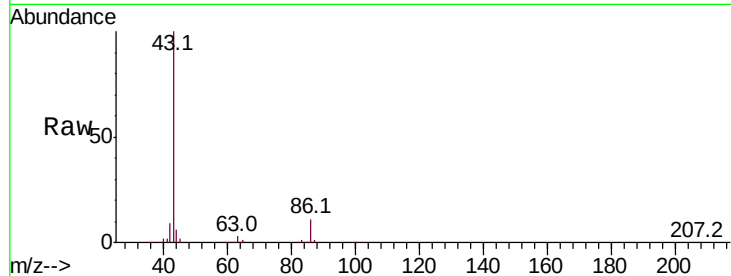
VD0928SBS01

Tot Ion: 43 Resp: 607854

Ion Ratio Lower Upper

43 100

86 11.4 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

150000

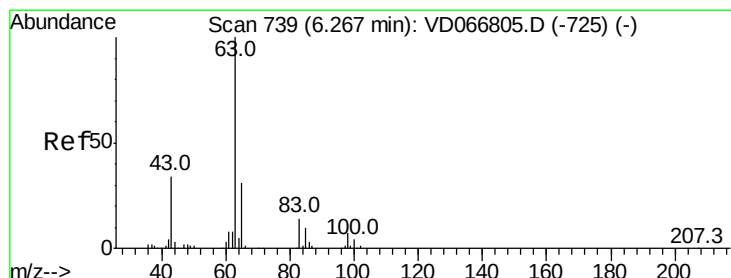
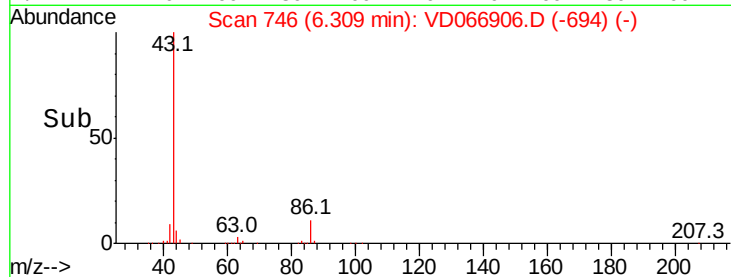
100000

50000

0

Time-->

6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 18.781 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

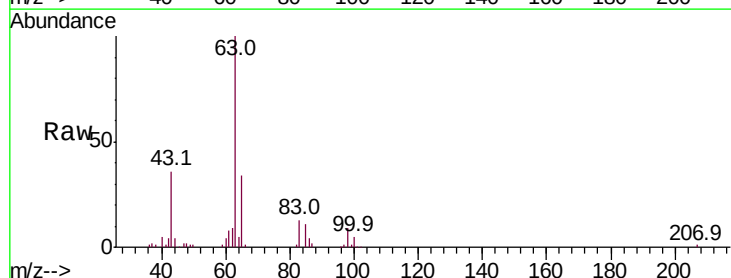
Tgt Ion: 63 Resp: 159470

Ion Ratio Lower Upper

63 100

98 8.9 3.7 11.1

100 4.7 1.8 5.5



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

6.27

60000

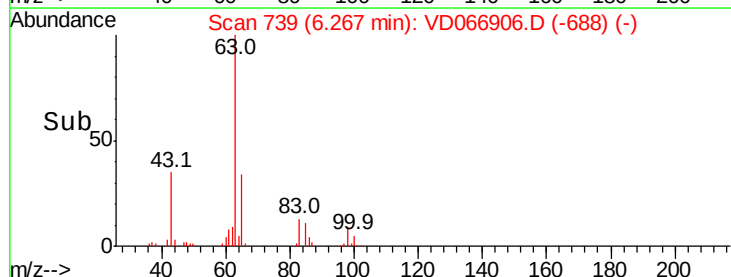
40000

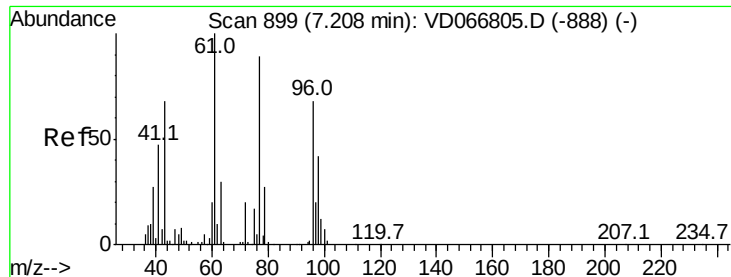
20000

0

Time-->

6.10 6.20 6.30 6.40

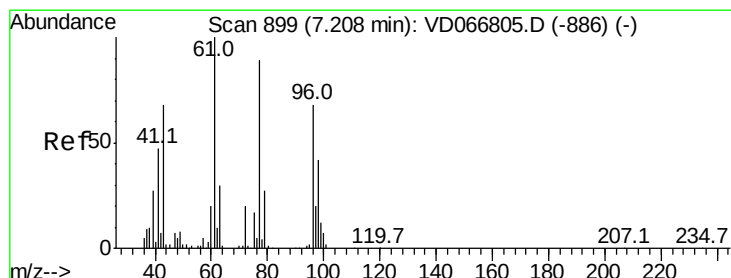
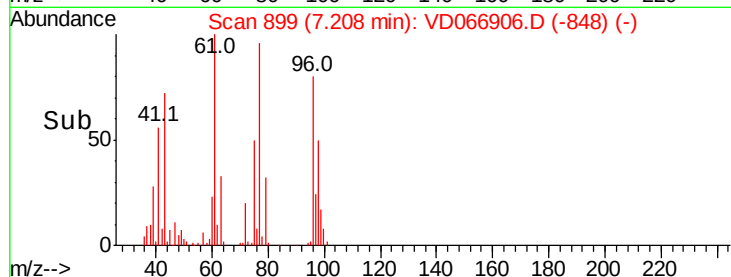
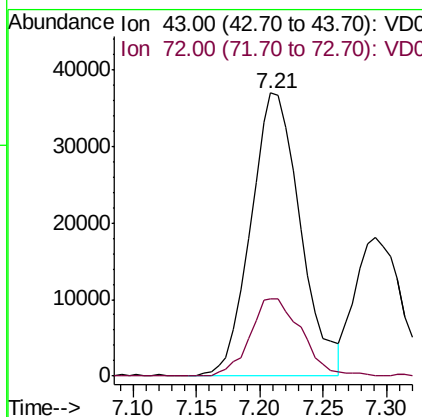
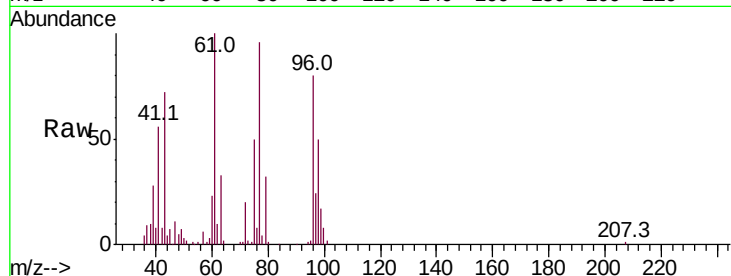




#25
2-Butanone
Concen: 94.062 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

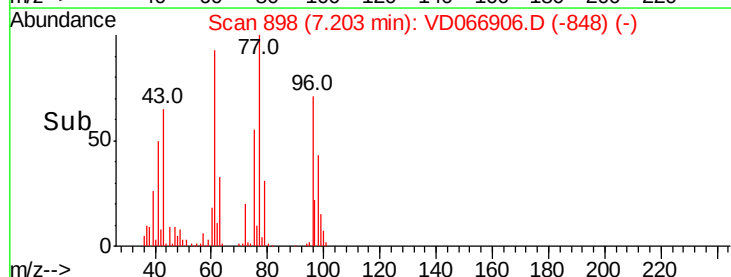
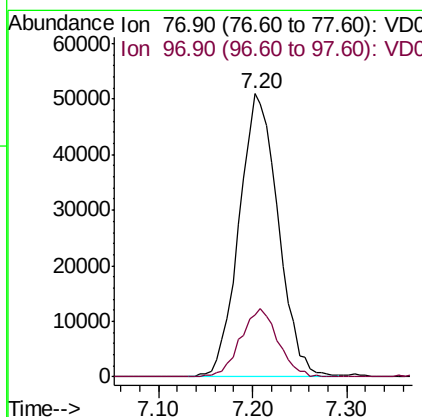
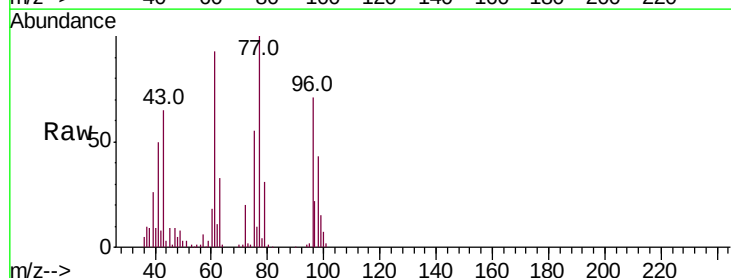
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

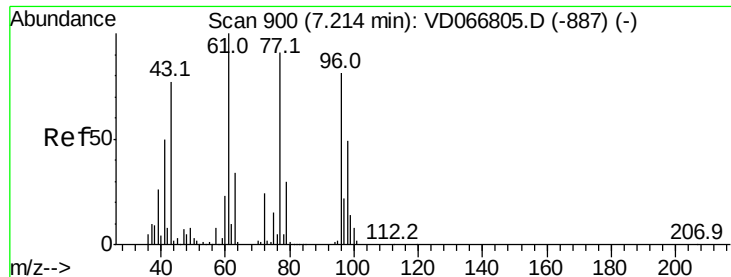
Tot Ion: 43 Resp: 100760
Ion Ratio Lower Upper
43 100
72 27.5 22.9 34.3



#26
2,2-Dichloropropane
Concen: 18.861 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Tgt Ion: 77 Resp: 146790
Ion Ratio Lower Upper
77 100
97 23.0 11.7 35.1



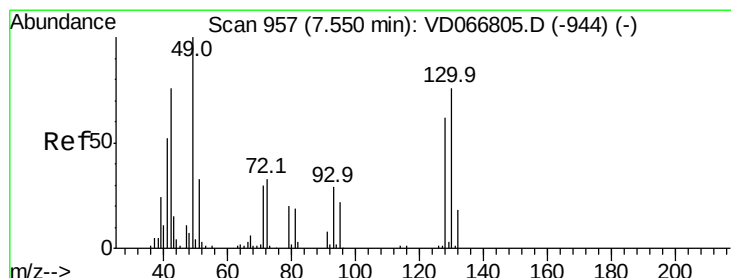
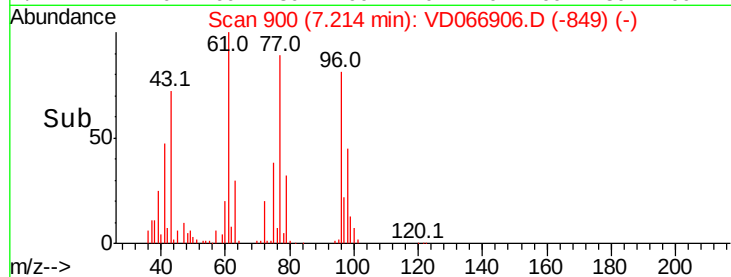
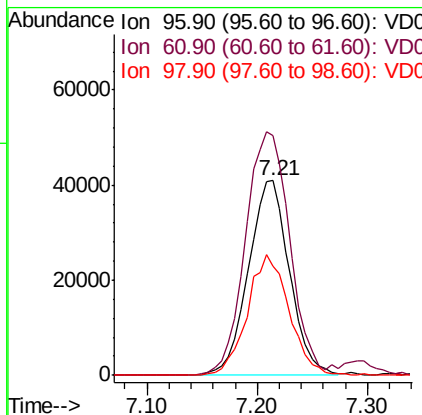
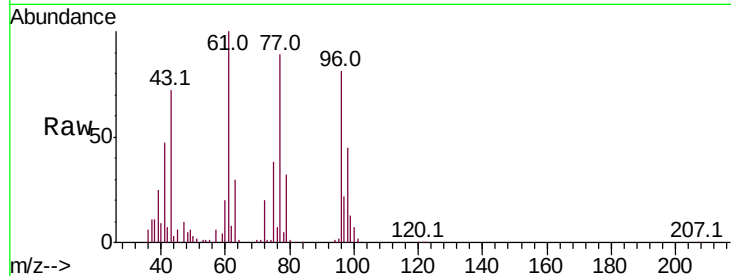


#27

cis-1,2-Dichloroethene
 Concen: 20.168 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD066906.D
 Acq: 28 Sep 2020 11:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBS01

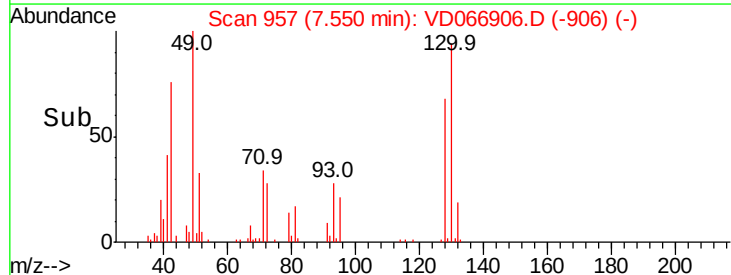
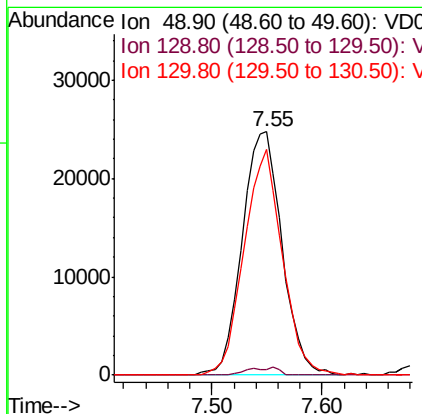
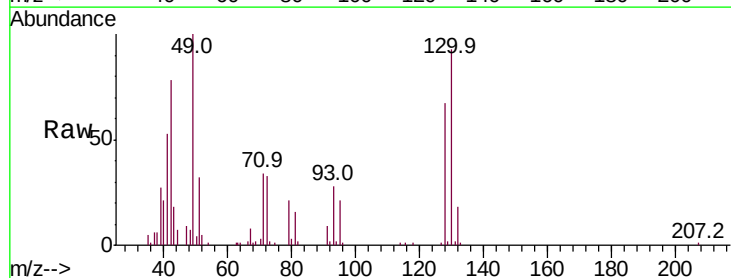
Tot Ion	96	Resp	106669
Ion Ratio	Lower	Upper	
96	100		
61	134.6	0.0	283.8
98	62.8	0.0	128.4

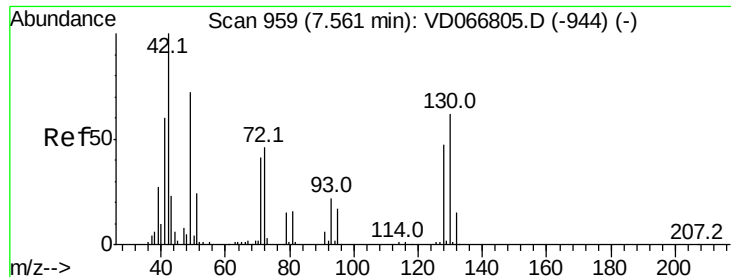


#28

Bromochloromethane
 Concen: 17.877 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: VD066906.D
 Acq: 28 Sep 2020 11:57

Tgt Ion	49	Resp	62711
Ion Ratio	Lower	Upper	
49	100		
129	2.3	0.0	2.0#
130	89.1	65.9	98.9

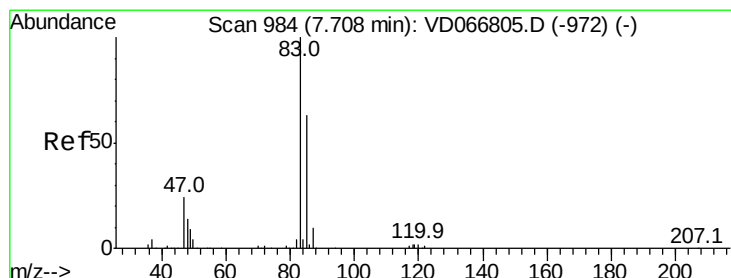
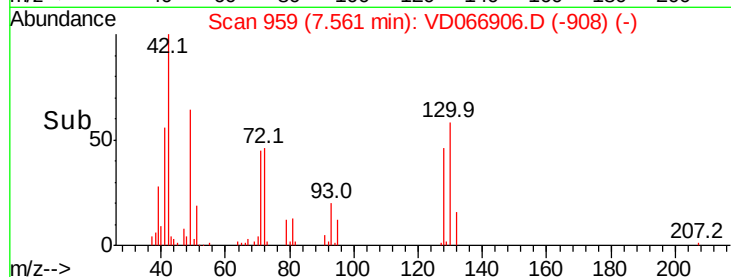
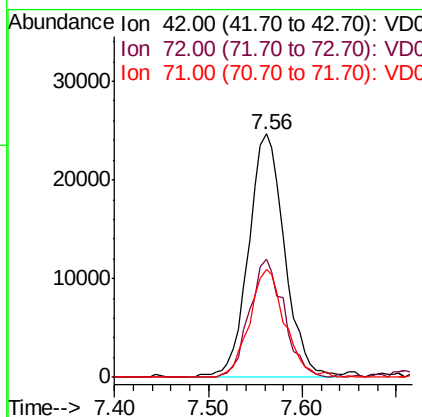
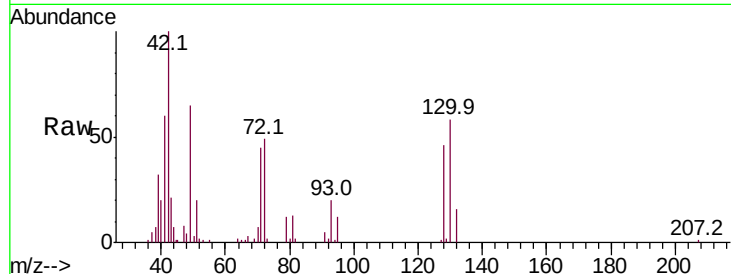




#29
Tetrahydrofuran
Concen: 95.530 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

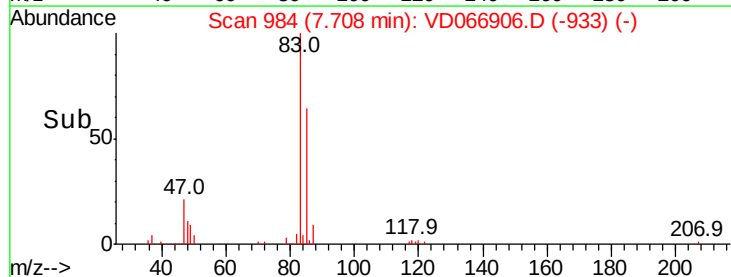
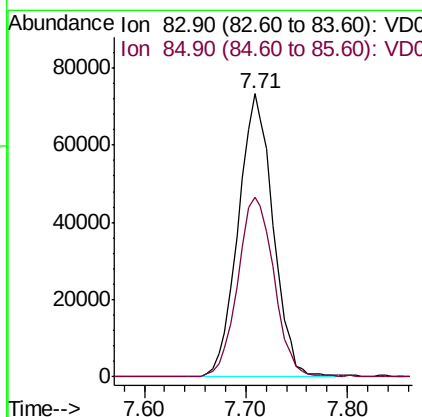
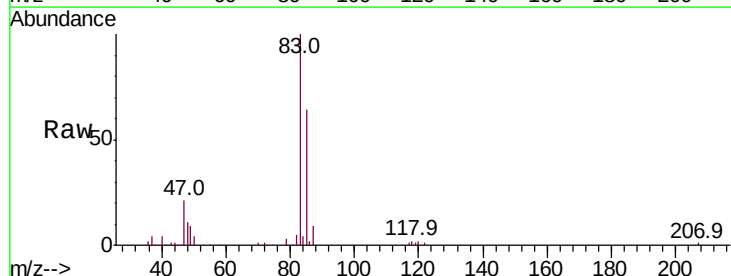
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

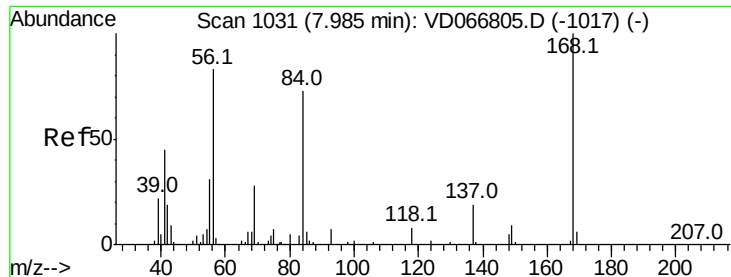
Tot Ion: 42 Resp: 65570
Ion Ratio Lower Upper
42 100
72 46.3 36.2 54.4
71 43.9 32.4 48.6



#30
Chloroform
Concen: 19.060 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Tgt Ion: 83 Resp: 174456
Ion Ratio Lower Upper
83 100
85 63.6 50.6 75.8

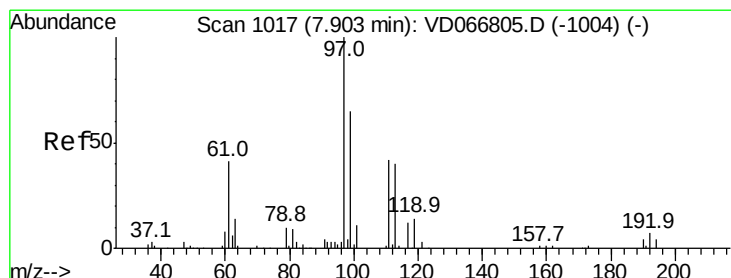
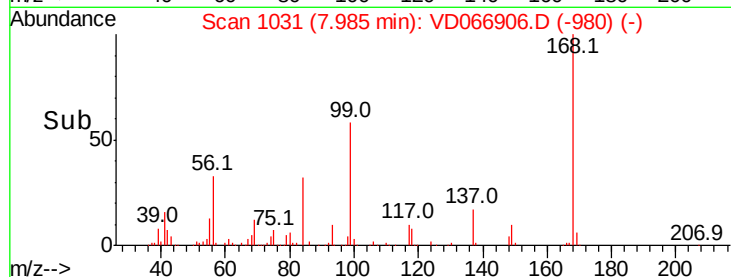
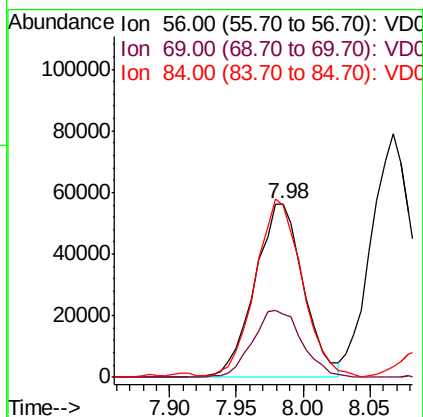
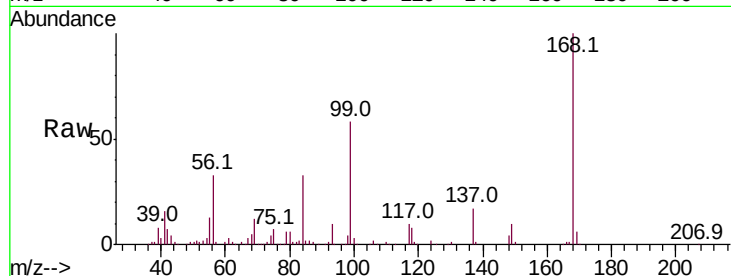




#31
Cyclohexane
Concen: 18.577 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

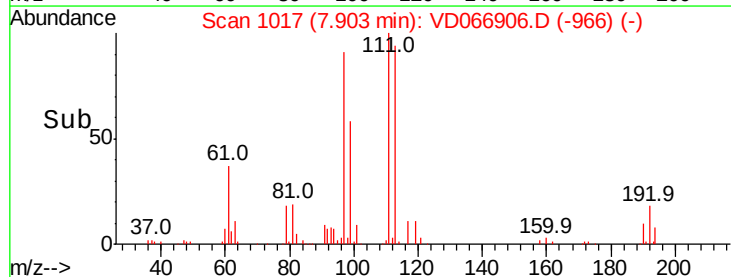
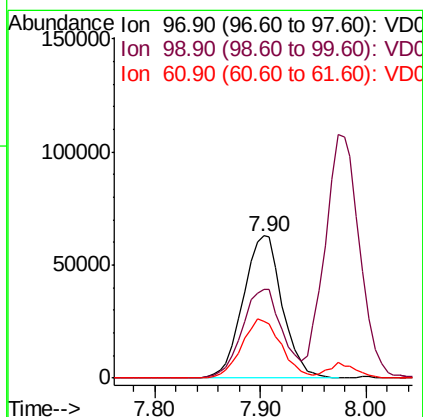
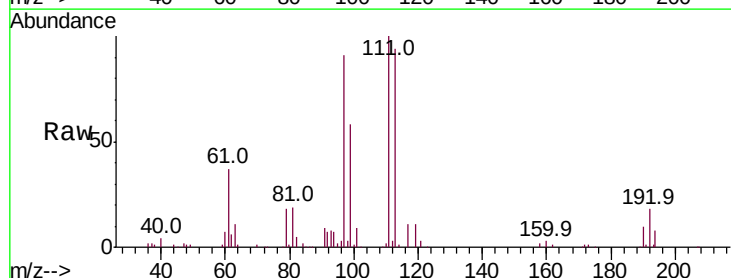
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

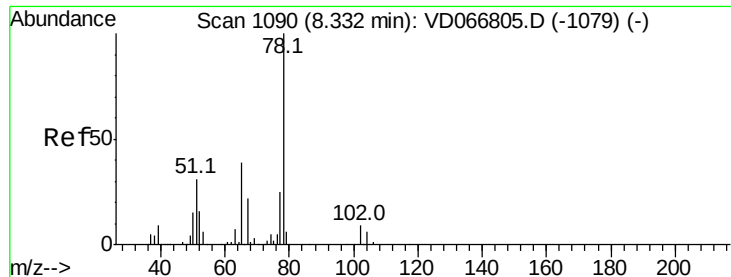
Tot Ion: 56 Resp: 141933
Ion Ratio Lower Upper
56 100
69 36.5 27.0 40.4
84 96.8 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 19.536 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Tgt Ion: 97 Resp: 161761
Ion Ratio Lower Upper
97 100
99 64.3 51.5 77.3
61 42.0 34.2 51.4

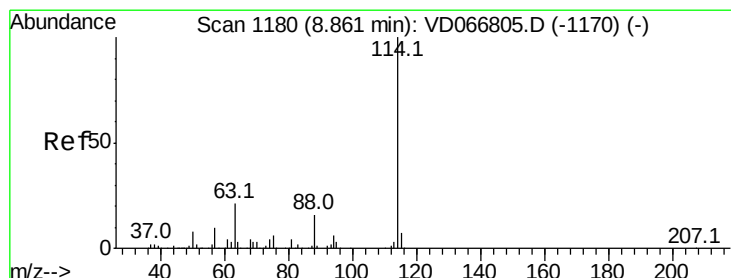
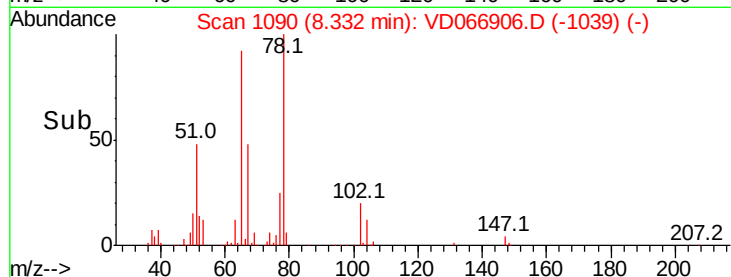
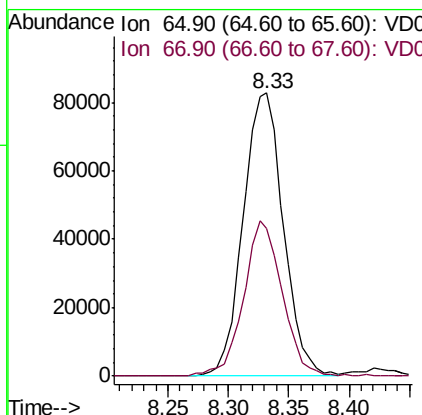
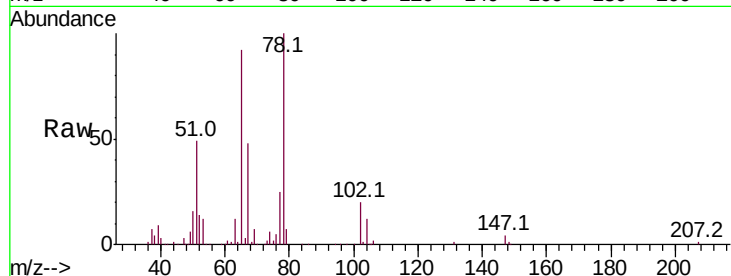




#33
 1,2-Dichloroethane-d4
 Concen: 45.450 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066906.D
 Acq: 28 Sep 2020 11:57

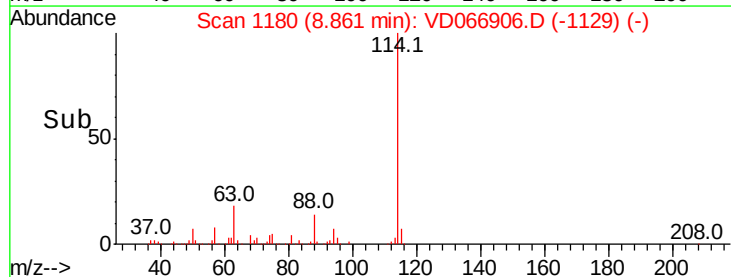
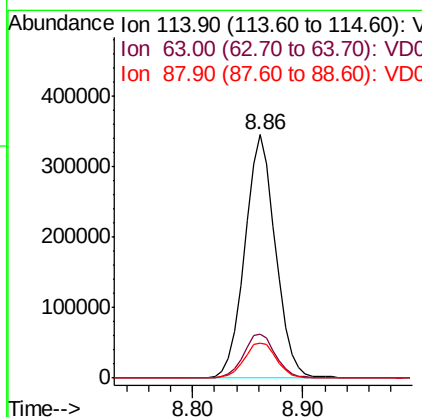
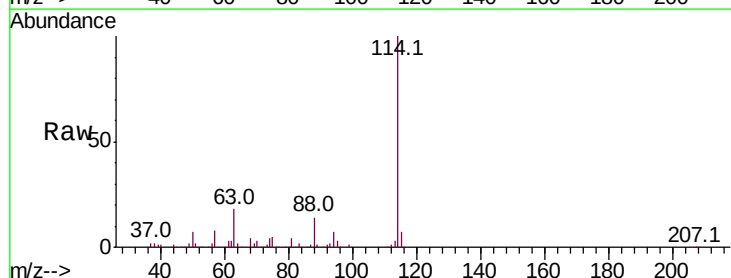
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBS01

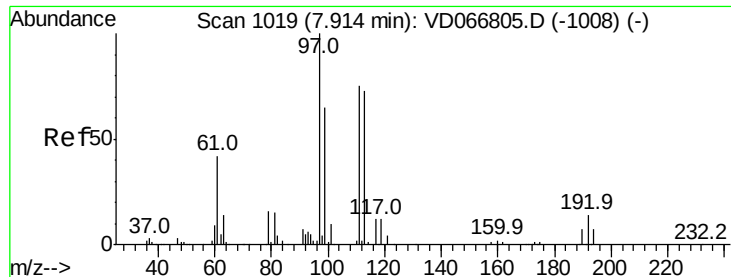
Tot Ion: 65 Resp: 190980
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066906.D
 Acq: 28 Sep 2020 11:57

Tgt Ion: 114 Resp: 674794
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 42.6
 88 14.3 0.0 32.6

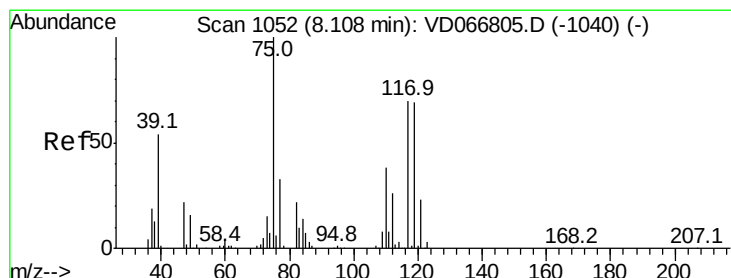
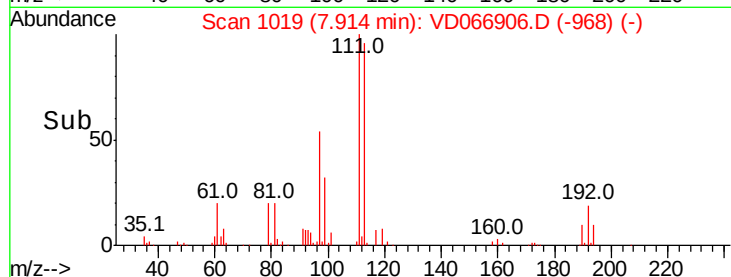
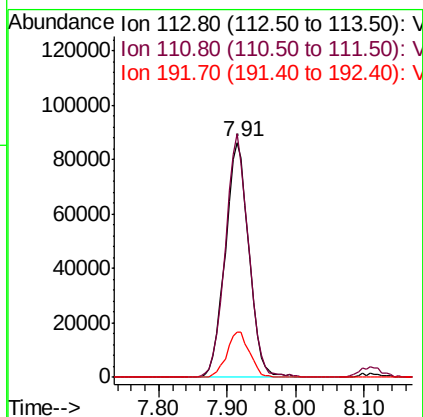
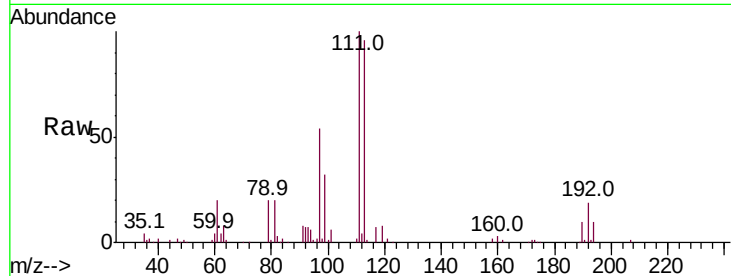




#35
 Dibromofluoromethane
 Concen: 48.168 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066906.D
 Acq: 28 Sep 2020 11:57

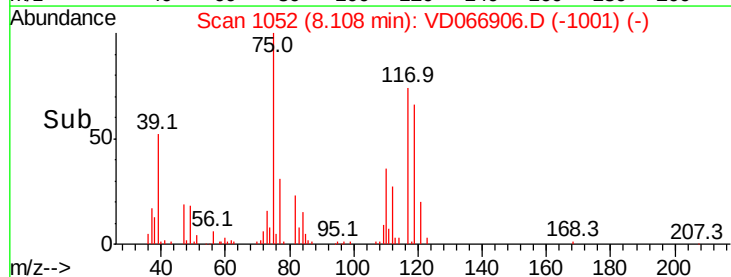
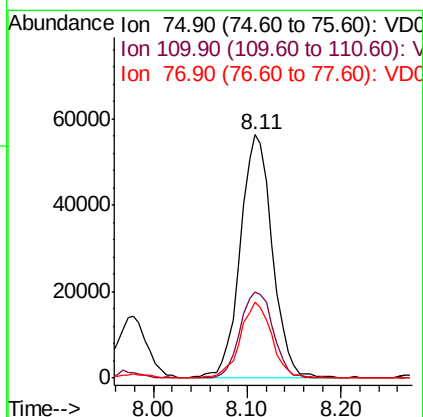
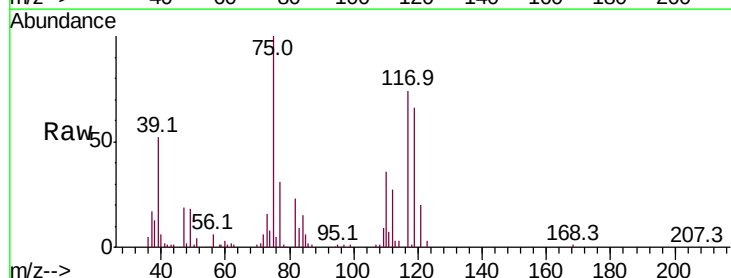
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBS01

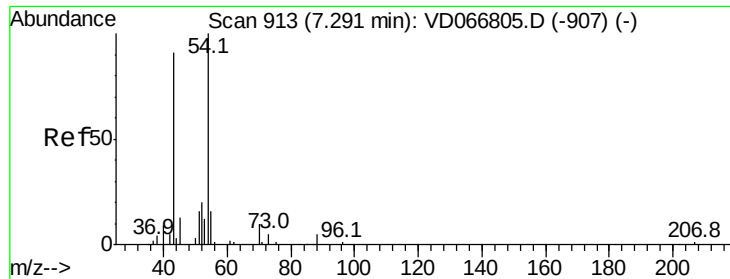
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.8	122.8
192	18.6	14.4	21.6



#36
 1,1-Dichloropropene
 Concen: 19.874 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066906.D
 Acq: 28 Sep 2020 11:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	17.9	53.8
77	30.6	25.0	37.6

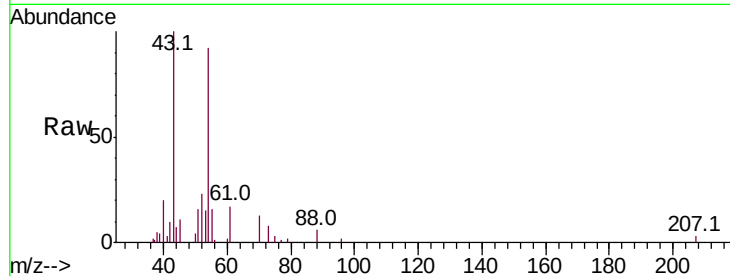




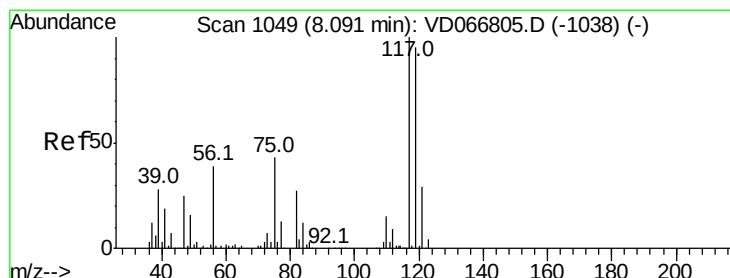
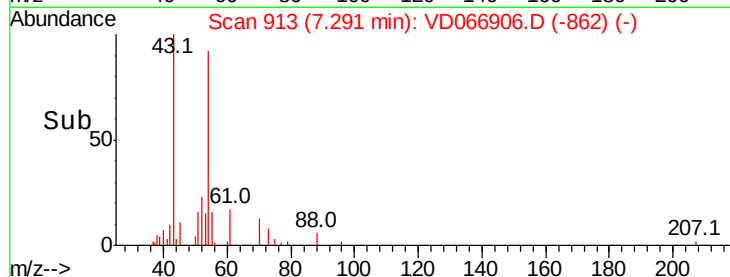
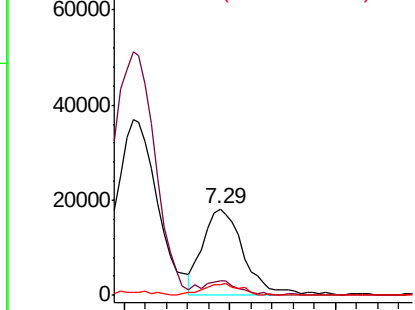
#37
Ethyl Acetate
Concen: 19.863 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tot Ion: 43 Resp: 48071
Ion Ratio Lower Upper
43 100
61 16.2 9.8 14.8#
70 12.7 8.5 12.7#

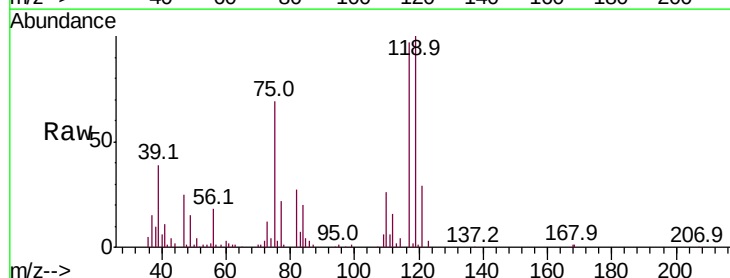


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

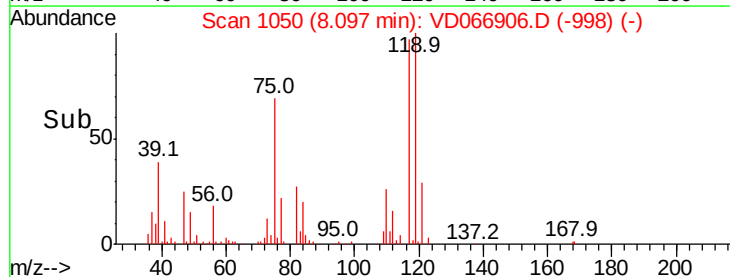
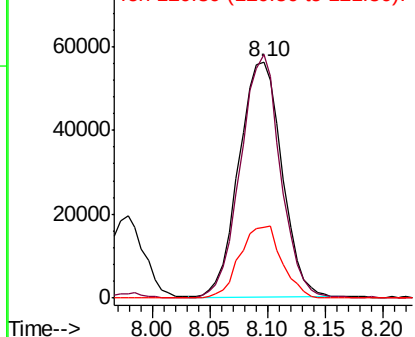


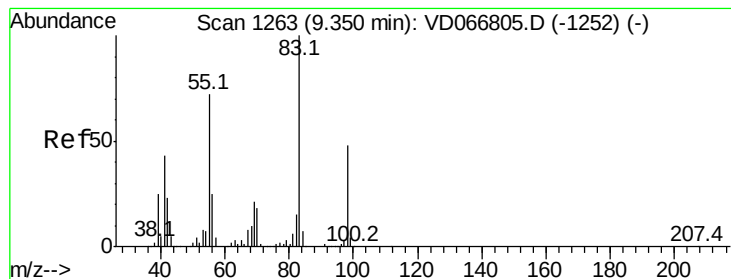
#38
Carbon Tetrachloride
Concen: 19.856 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Tgt Ion: 117 Resp: 145324
Ion Ratio Lower Upper
117 100
119 103.9 75.8 113.8
121 30.0 23.4 35.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#39

Methylvlcyclohexane

Concen: 19.658 ug/l

RT: 9.35 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

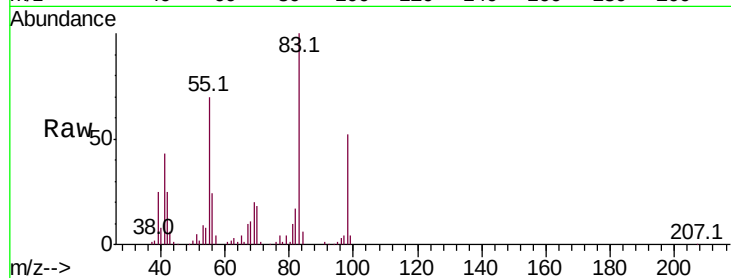
Tot Ion: 83 Resp: 151097

Ion Ratio Lower Upper

83 100

55 69.8 57.7 86.5

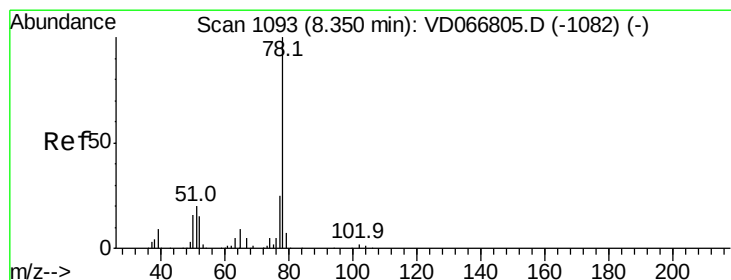
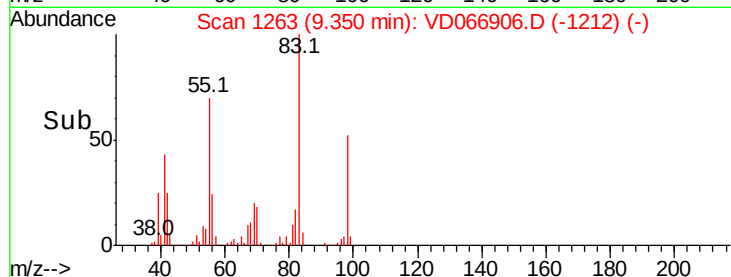
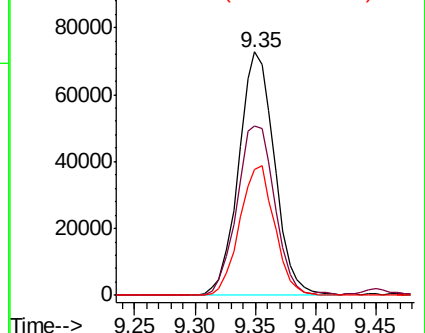
98 51.9 38.4 57.6



Abundance Ion 83.00 (82.70 to 83.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.00 (97.70 to 98.70): VDC



#40

Benzene

Concen: 19.998 ug/l

RT: 8.34 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VD066906.D

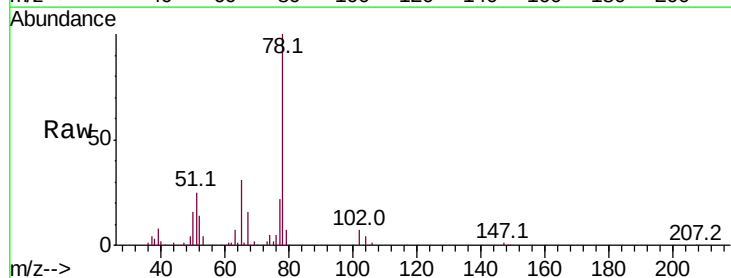
Acq: 28 Sep 2020 11:57

Tgt Ion: 78 Resp: 373105

Ion Ratio Lower Upper

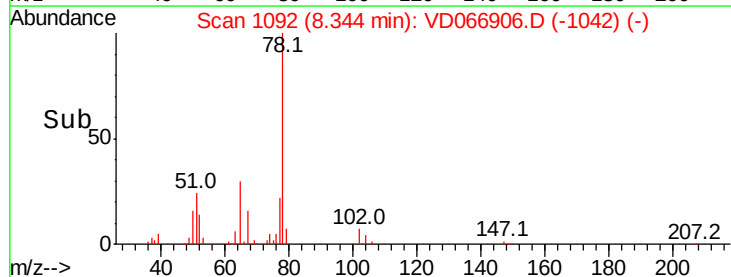
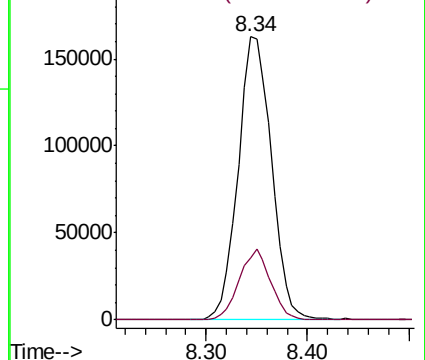
78 100

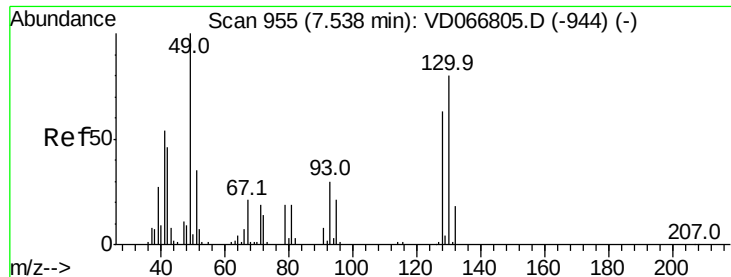
77 22.0 19.9 29.9



Abundance Ion 78.00 (77.70 to 78.70): VDC

Ion 77.00 (76.70 to 77.70): VDC





#41

Methacrylonitrile

Concen: 15.947 ug/l

RT: 7.51 min Scan# 951

Delta R.T. -0.02 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

Tot Ion: 41 Resp: 23734

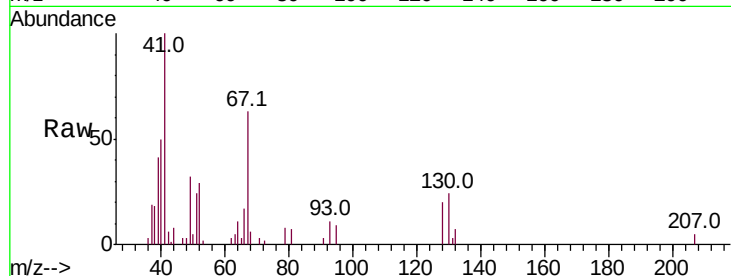
Ion Ratio Lower Upper

41 100

39 45.6 0.0 0.0#

67 87.2 0.0 0.0#

52 38.5 0.0 0.0#

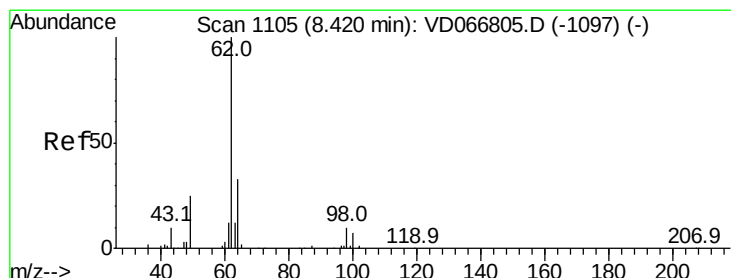
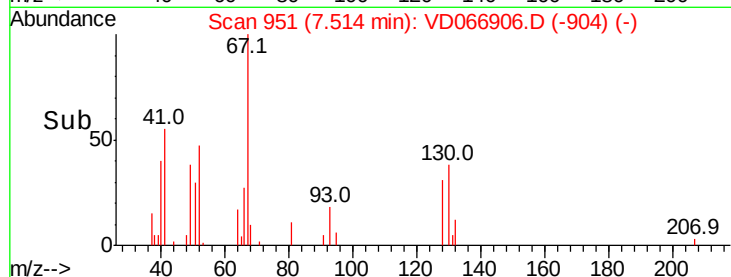
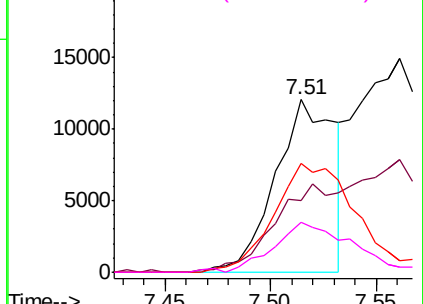


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 19.032 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066906.D

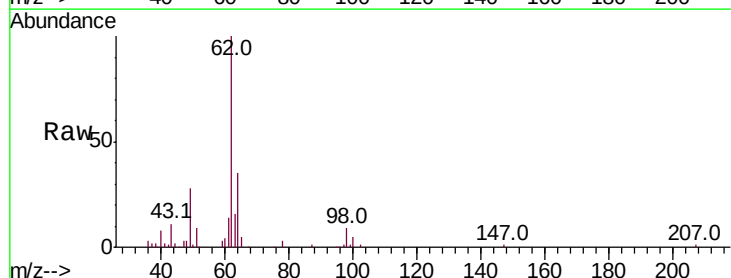
Acq: 28 Sep 2020 11:57

Tgt Ion: 62 Resp: 104972

Ion Ratio Lower Upper

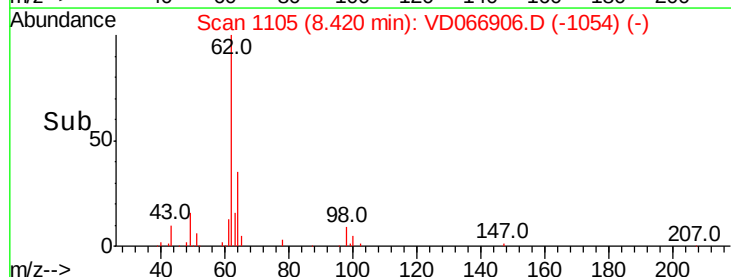
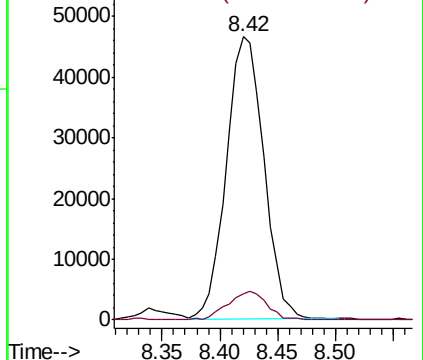
62 100

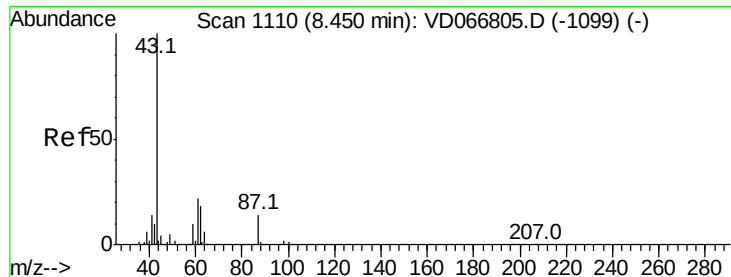
98 10.5 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 18.949 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

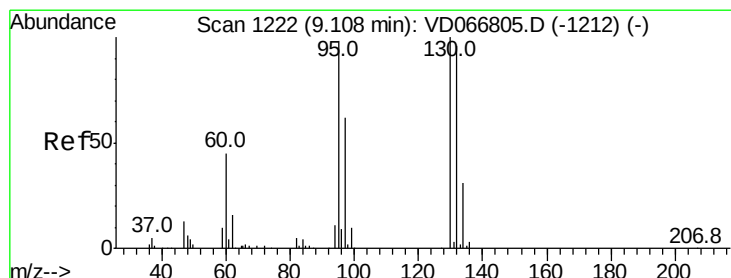
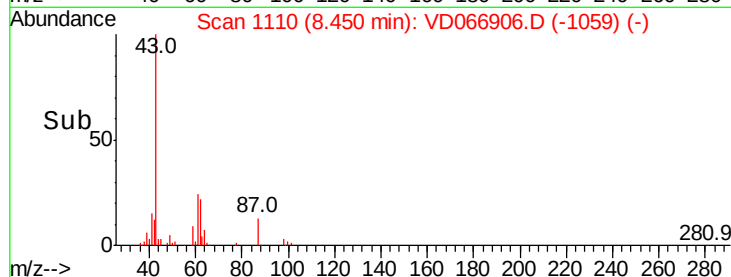
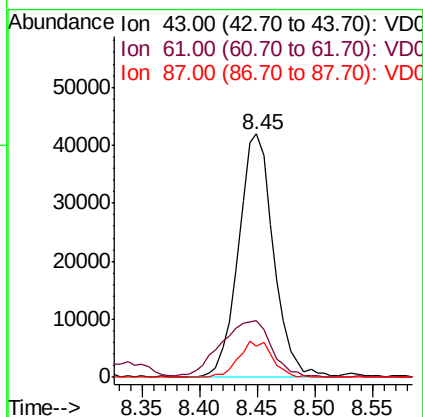
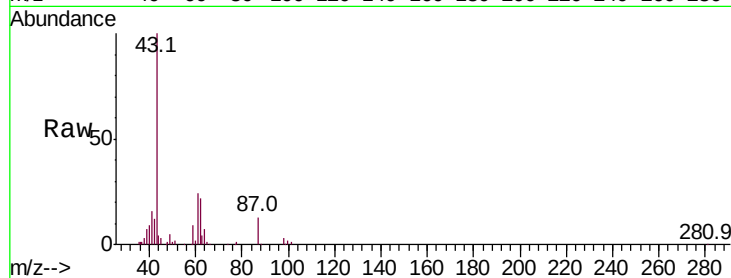
Tot Ion: 43 Resp: 88413

Ion Ratio Lower Upper

43 100

61 34.1 26.2 39.4

87 14.2 11.5 17.3



#44

Trichloroethene

Concen: 20.365 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066906.D

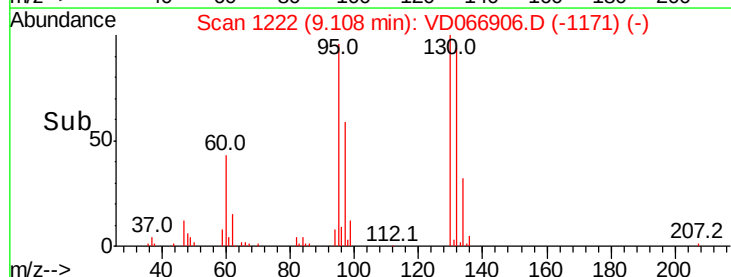
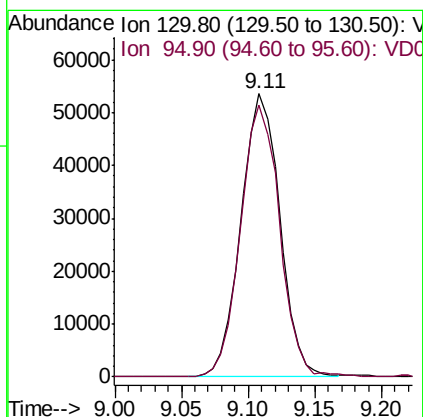
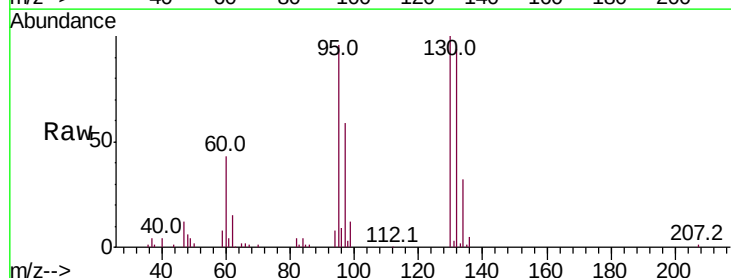
Acq: 28 Sep 2020 11:57

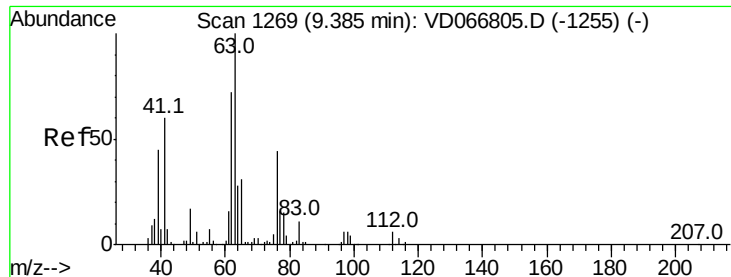
Tgt Ion:130 Resp: 108299

Ion Ratio Lower Upper

130 100

95 96.2 0.0 197.0





#45

1,2-Dichloropropane

Concen: 19.305 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

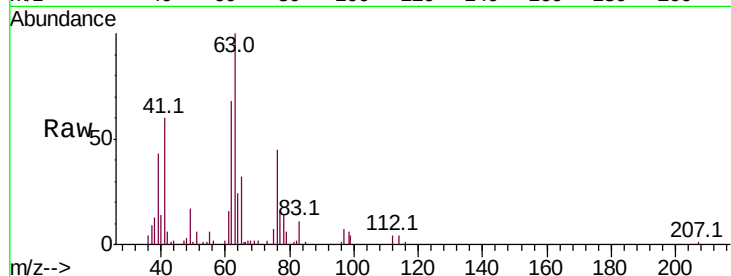
VD0928SBS01

Tot Ion: 63 Resp: 90622

Ion Ratio Lower Upper

63 100

65 31.7 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

50000

40000

30000

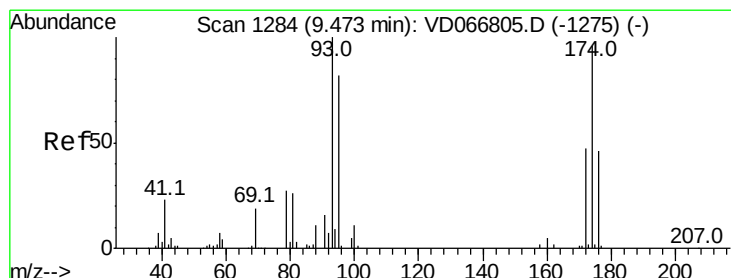
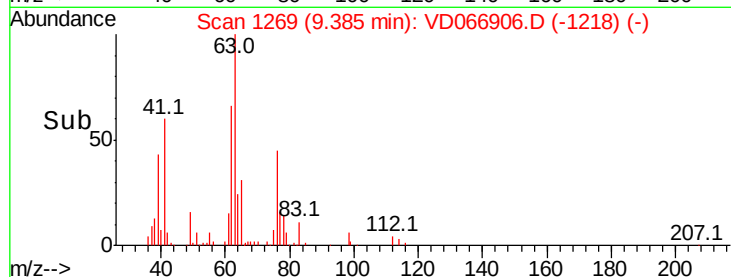
20000

10000

0

9.30 9.40 9.50

Time-->



#46

Dibromomethane

Concen: 20.020 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

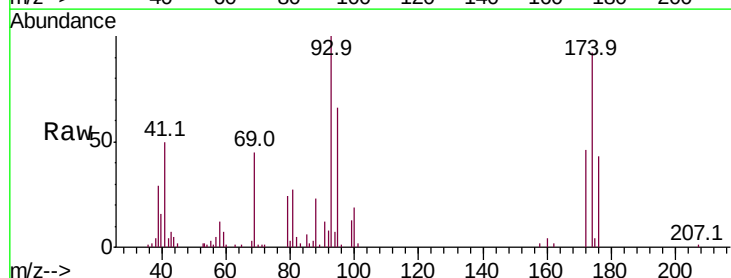
Tgt Ion: 93 Resp: 51060

Ion Ratio Lower Upper

93 100

95 79.3 65.3 97.9

174 100.5 75.4 113.2



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): VDC

9.47

30000

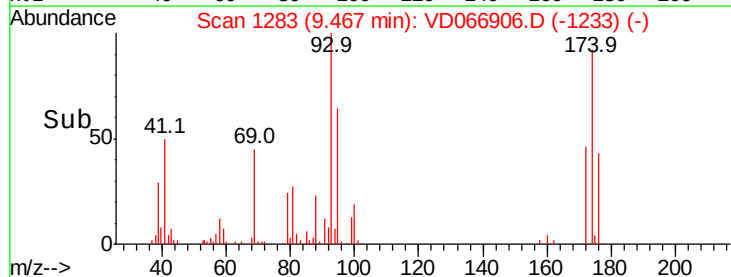
20000

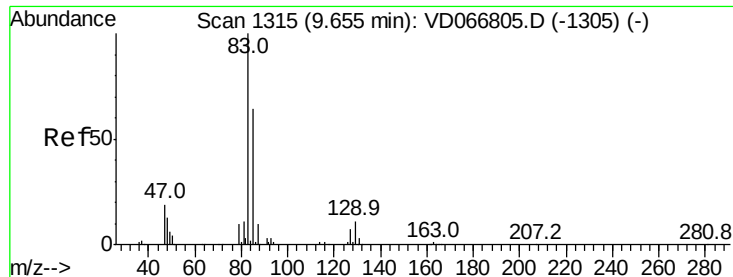
10000

0

9.40 9.45 9.50 9.55

Time-->





#47

Bromodichloromethane

Concen: 19.510 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

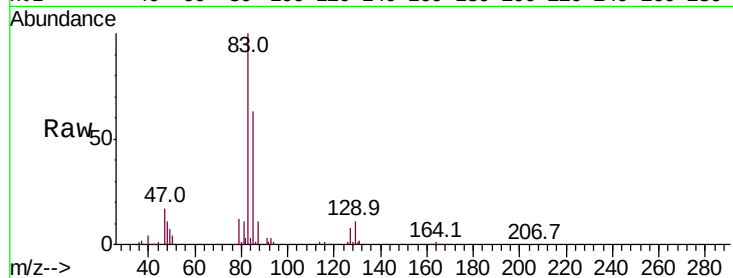
Tot Ion: 83 Resp: 133673

Ion Ratio Lower Upper

83 100

85 63.1 50.9 76.3

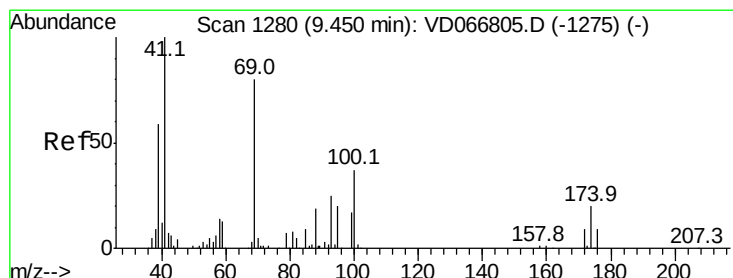
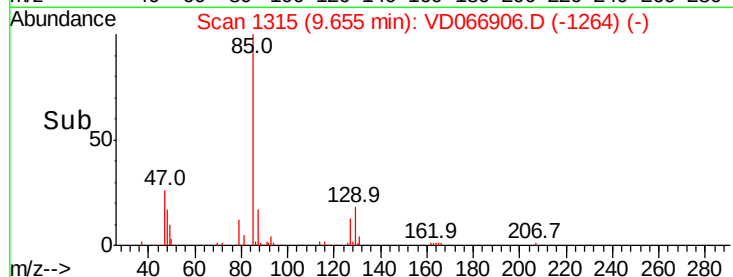
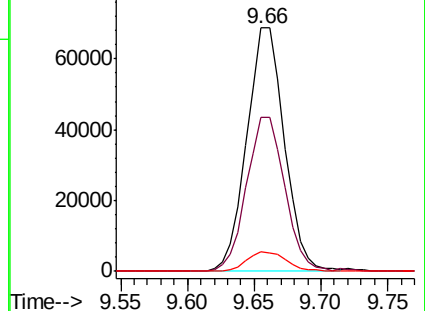
127 8.0 5.9 8.9



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: 18.360 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.01 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

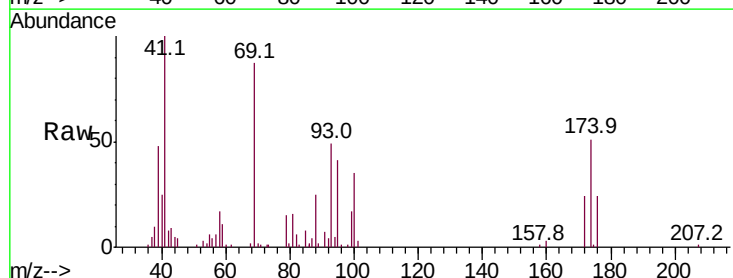
Tgt Ion: 41 Resp: 42237

Ion Ratio Lower Upper

41 100

69 96.5 74.5 111.7

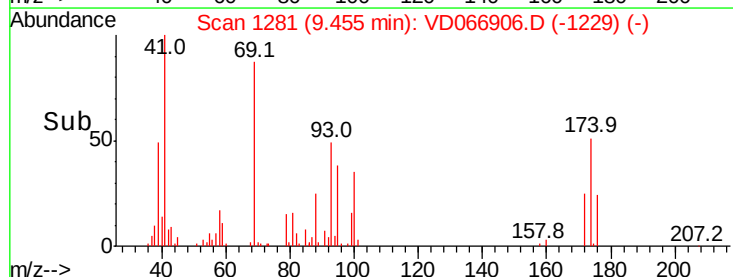
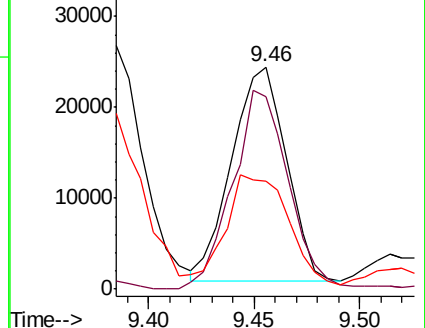
39 57.5 47.0 70.6

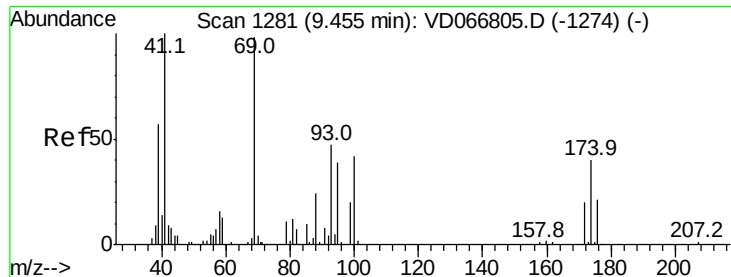


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

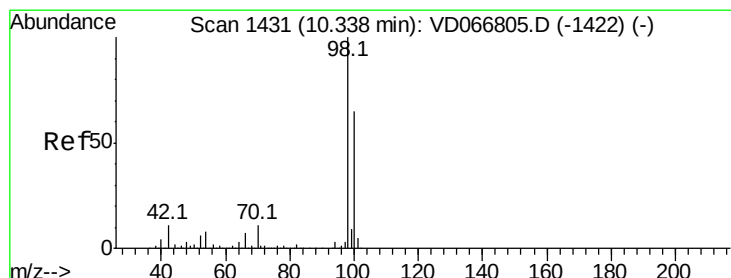
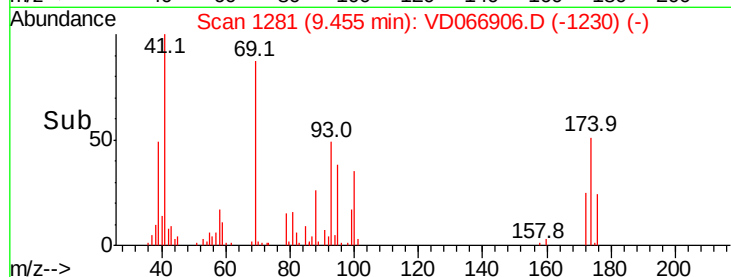
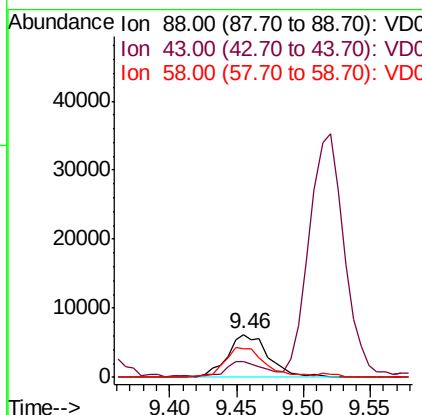
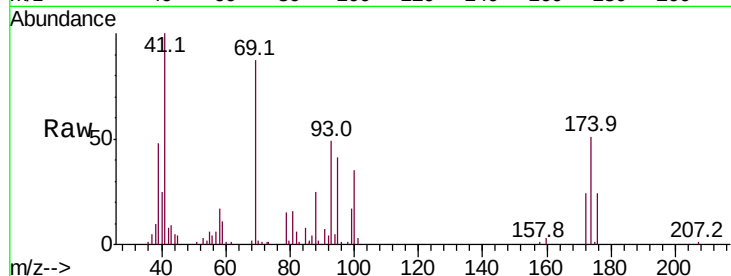




#49
1,4-Dioxane
Concen: 395.628 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

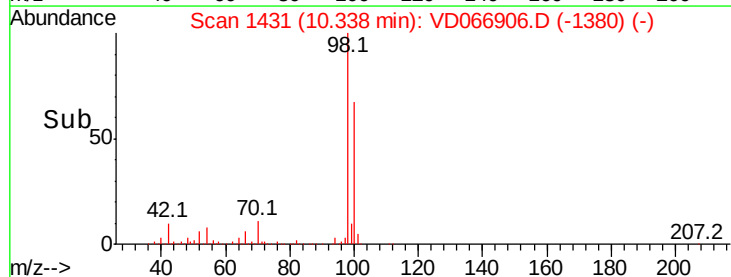
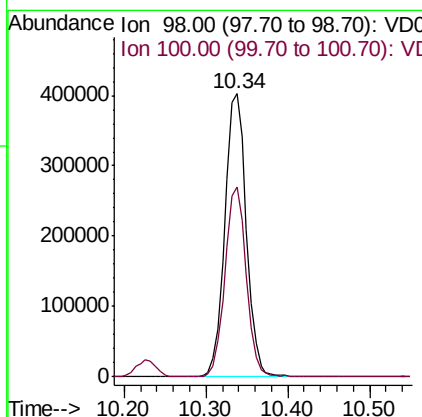
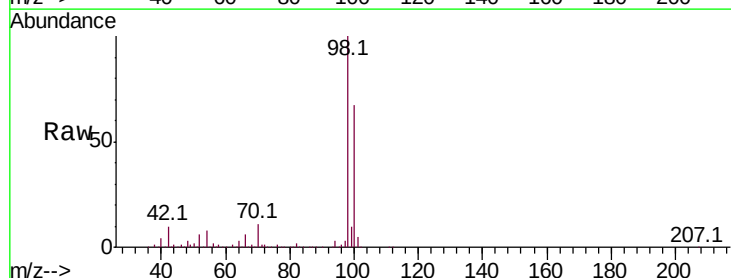
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

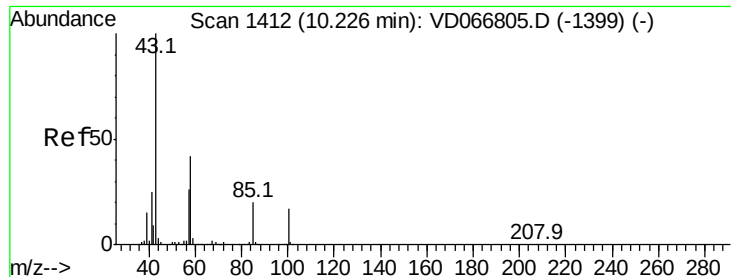
Tot Ion: 88 Resp: 13257
Ion Ratio Lower Upper
88 100
43 36.0 27.7 41.5
58 67.3 55.5 83.3



#50
Toluene-d8
Concen: 50.397 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Tgt Ion: 98 Resp: 737161
Ion Ratio Lower Upper
98 100
100 66.3 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 97.272 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

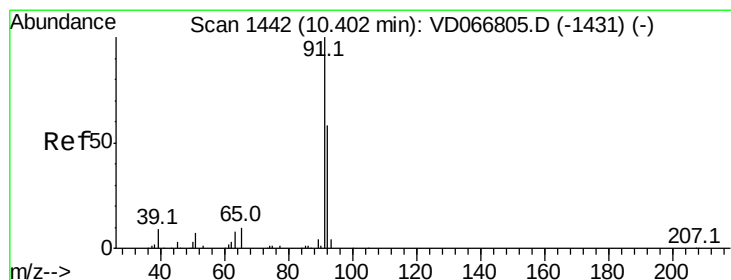
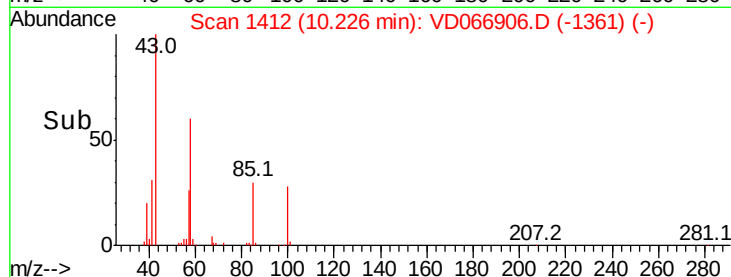
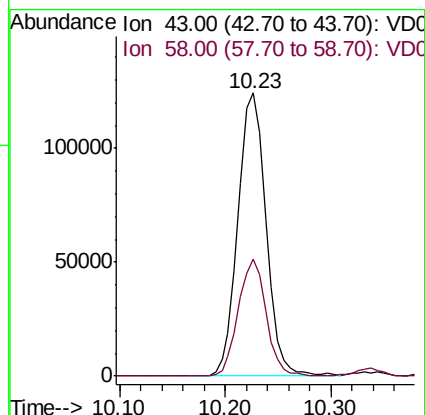
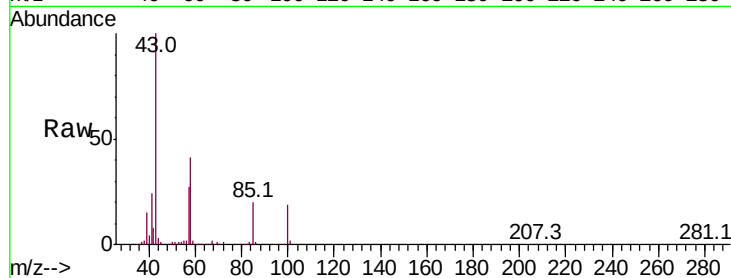
VD0928SBS01

Tot Ion: 43 Resp: 229972

Ion Ratio Lower Upper

43 100

58 40.5 32.2 48.4



#52

Toluene

Concen: 20.282 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066906.D

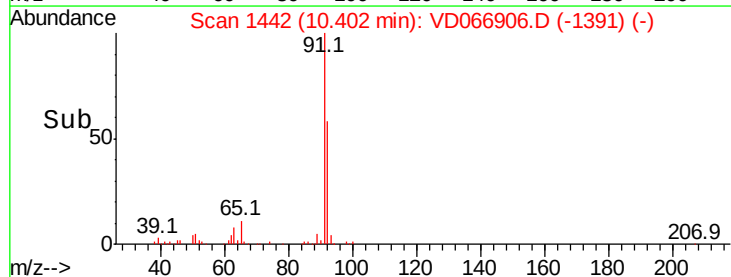
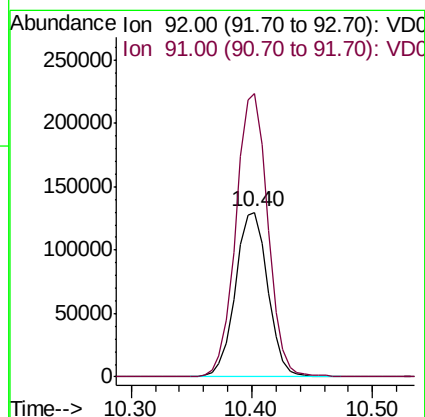
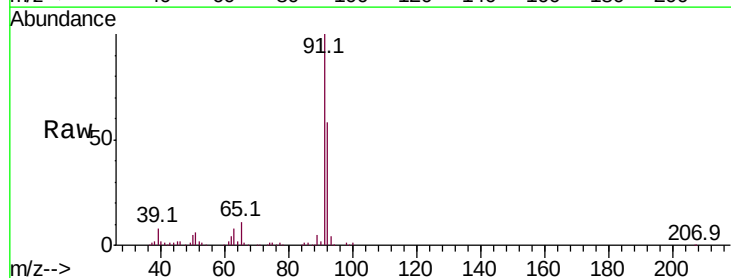
Acq: 28 Sep 2020 11:57

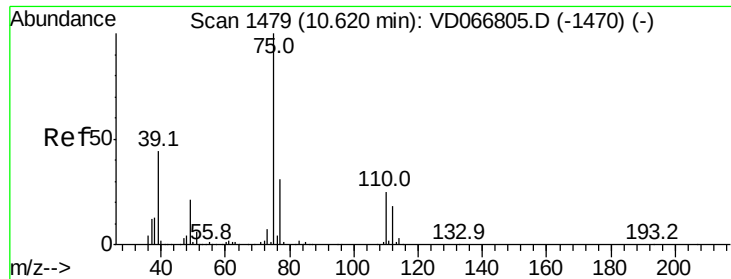
Tgt Ion: 92 Resp: 243753

Ion Ratio Lower Upper

92 100

91 169.7 134.6 202.0





#53

t-1,3-Dichloropropene

Concen: 20.441 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

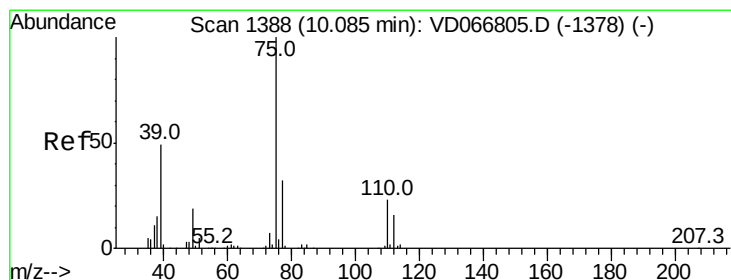
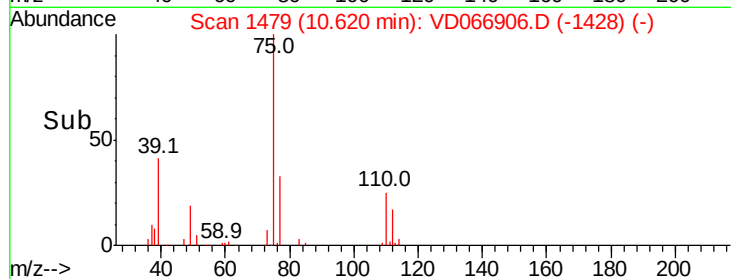
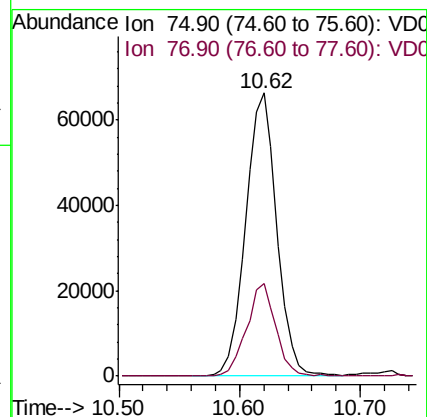
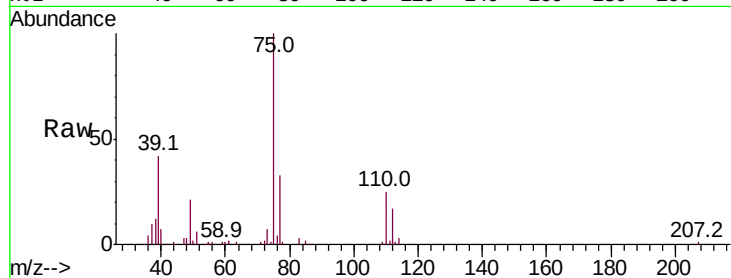
VD0928SBS01

Tot Ion: 75 Resp: 119201

Ion Ratio Lower Upper

75 100

77 32.8 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 20.289 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

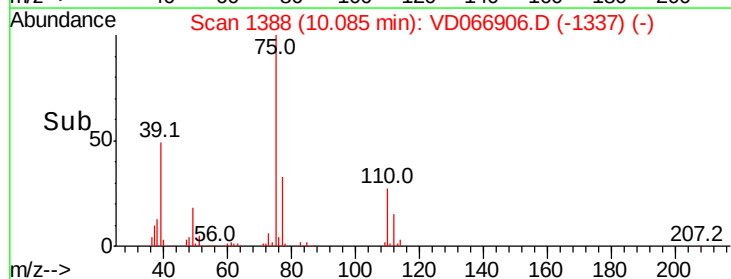
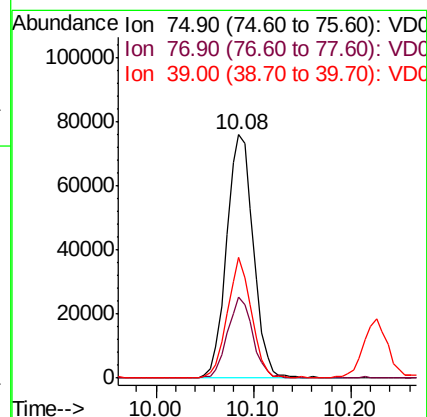
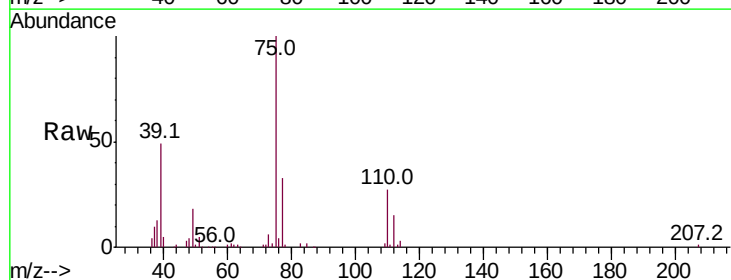
Tgt Ion: 75 Resp: 144268

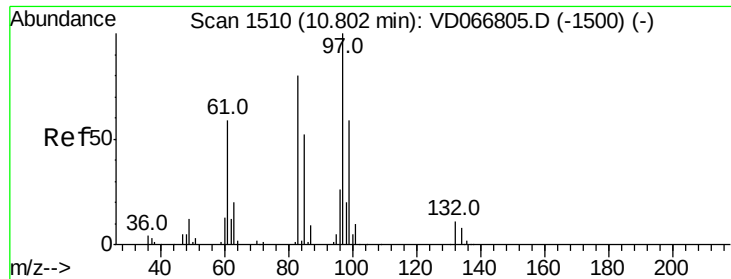
Ion Ratio Lower Upper

75 100

77 33.3 25.6 38.4

39 49.2 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 20.001 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

Tot Ion: 97 Resp: 70129

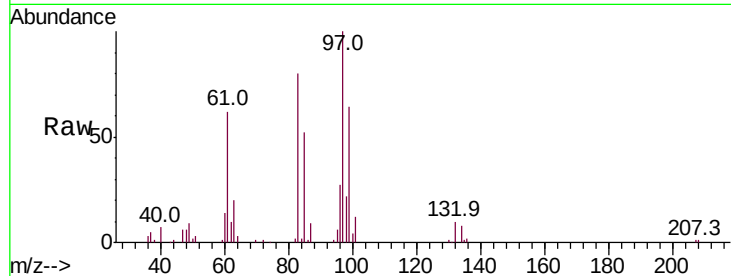
Ion Ratio Lower Upper

97 100

83 79.2 64.2 96.2

85 52.4 41.9 62.9

99 63.9 47.5 71.3

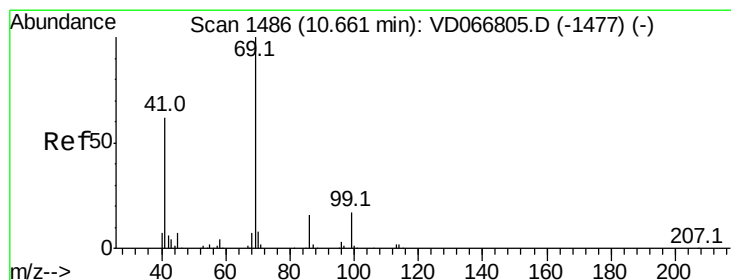
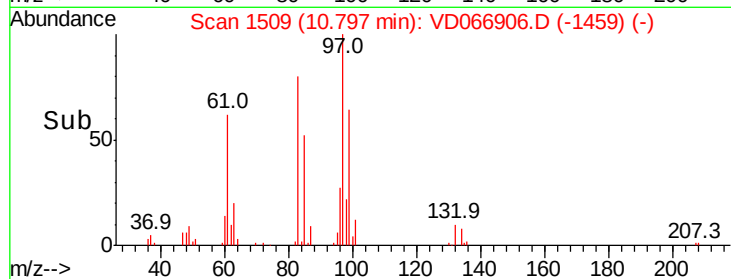
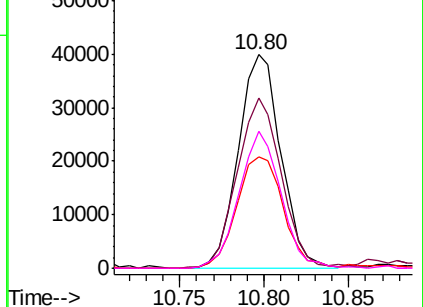


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 20.431 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

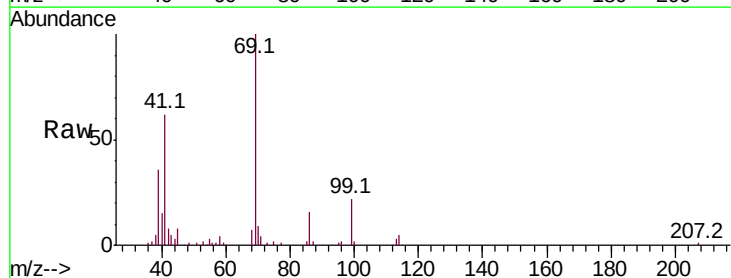
Tgt Ion: 69 Resp: 76743

Ion Ratio Lower Upper

69 100

41 62.4 52.2 78.2

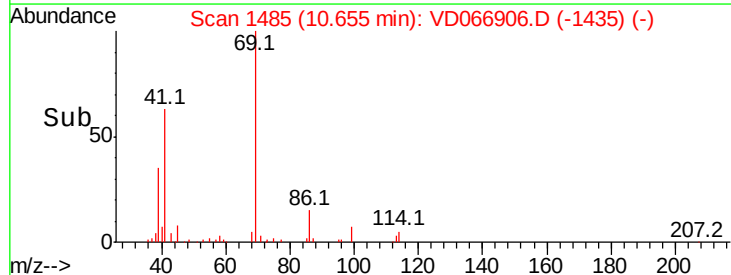
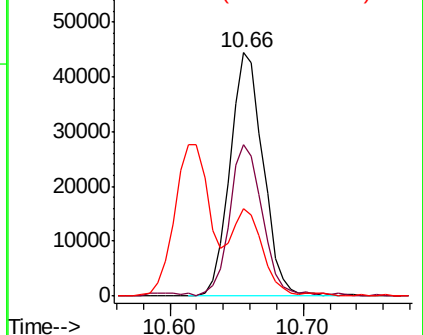
39 33.5 26.6 40.0

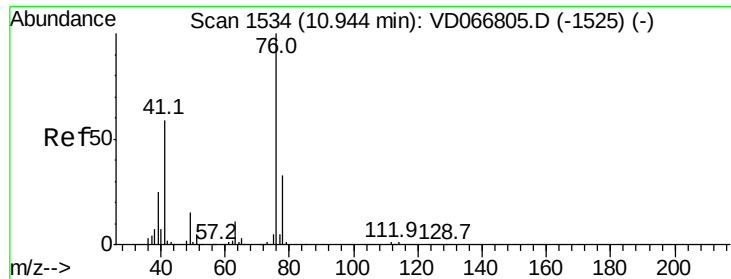


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

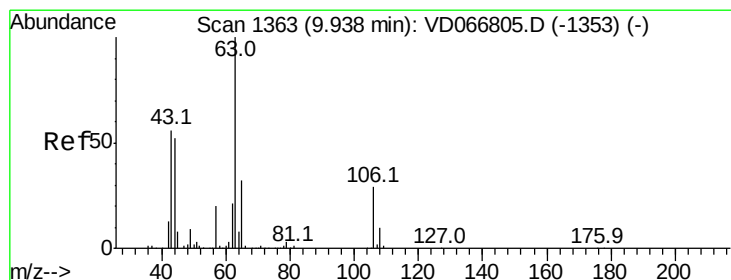
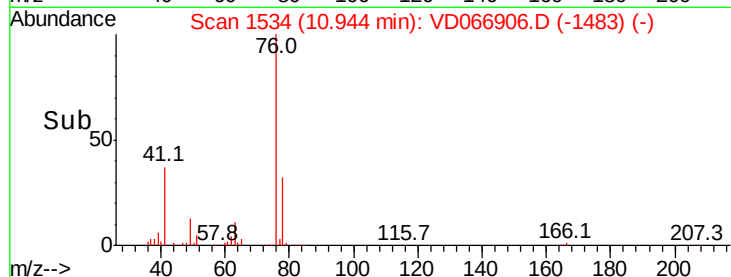
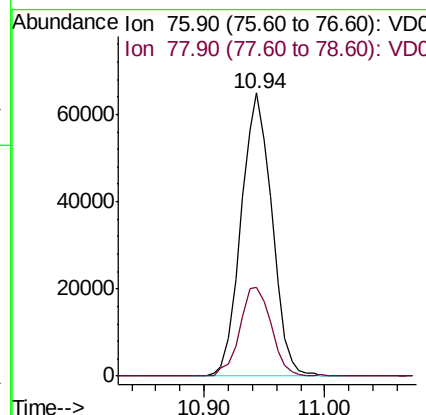
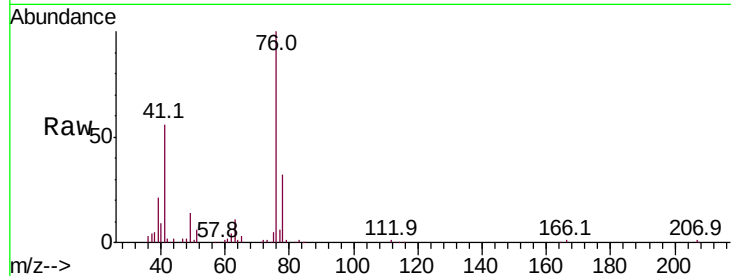




#57
 1,3-Dichloropropane
 Concen: 19.979 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066906.D
 Acq: 28 Sep 2020 11:57

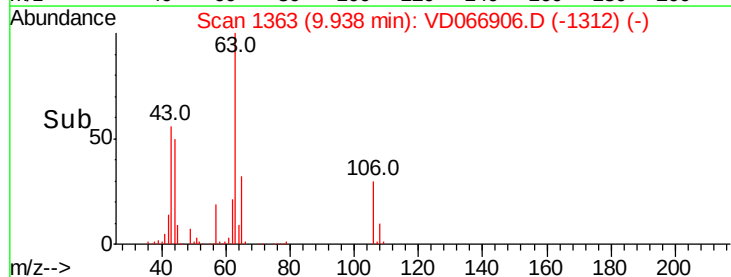
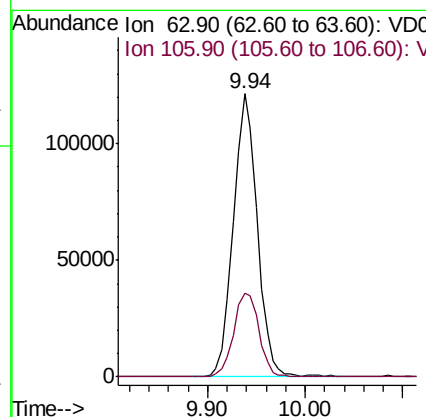
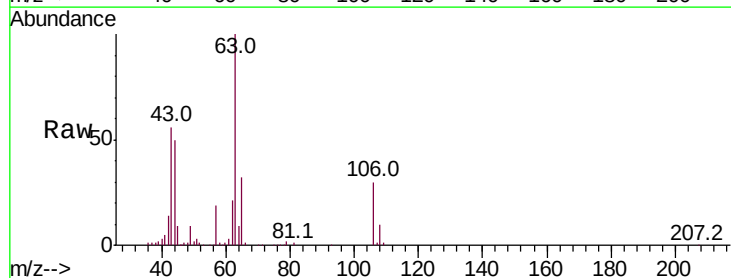
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBS01

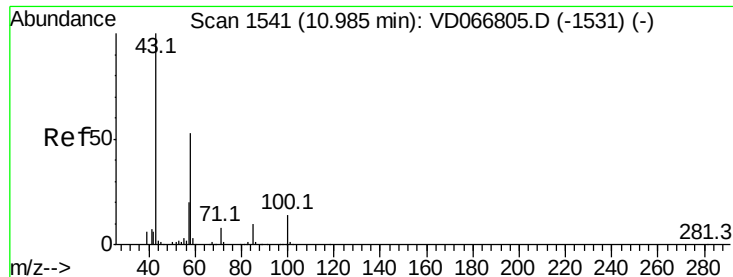
Tot Ion: 76 Resp: 115669
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 116.372 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066906.D
 Acq: 28 Sep 2020 11:57

Tgt Ion: 63 Resp: 206967
 Ion Ratio Lower Upper
 63 100
 106 31.4 23.8 35.6

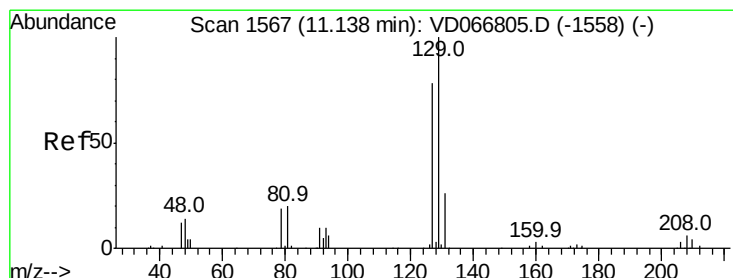
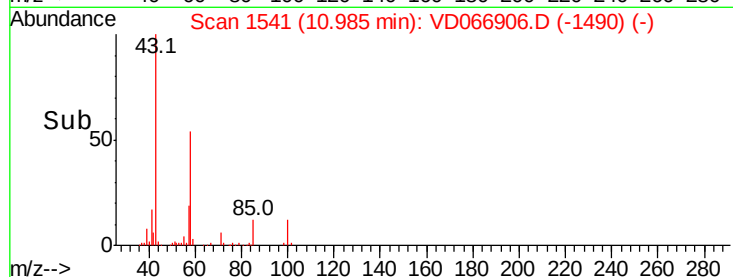
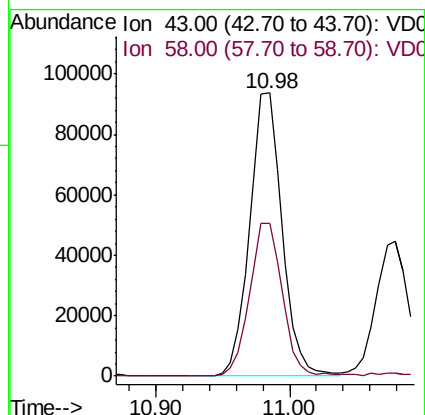
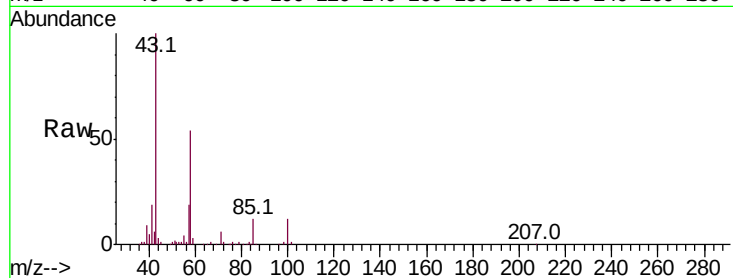




#59
2-Hexanone
Concen: 98.404 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

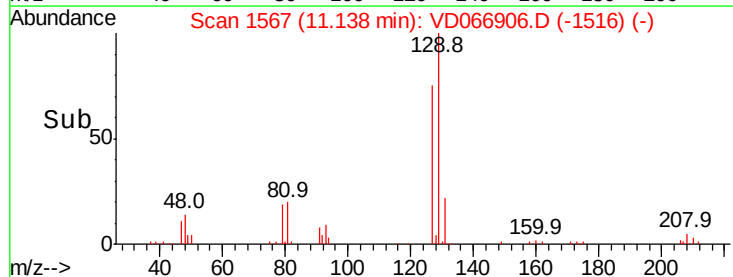
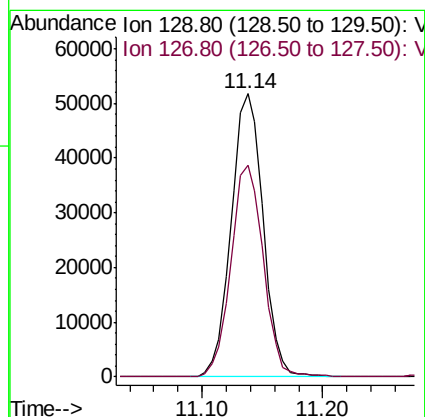
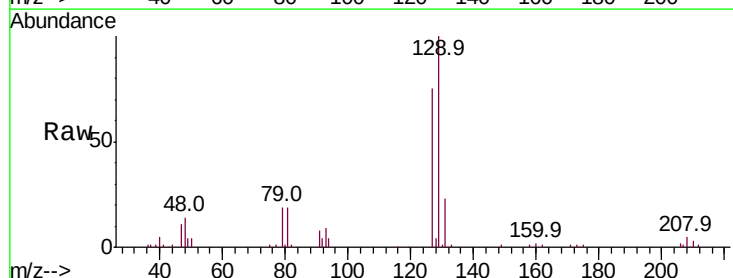
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

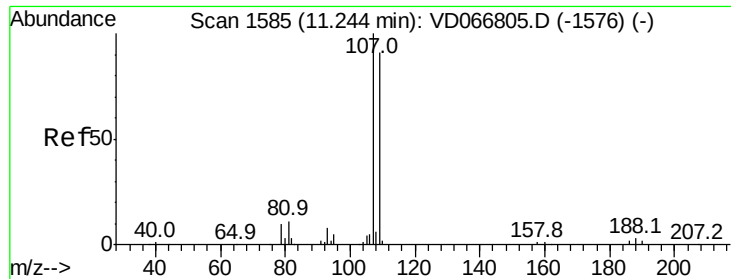
Tot Ion: 43 Resp: 156892
Ion Ratio Lower Upper
43 100
58 54.6 27.0 80.8



#60
Dibromochloromethane
Concen: 20.829 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Tgt Ion: 129 Resp: 95315
Ion Ratio Lower Upper
129 100
127 75.8 38.6 116.0

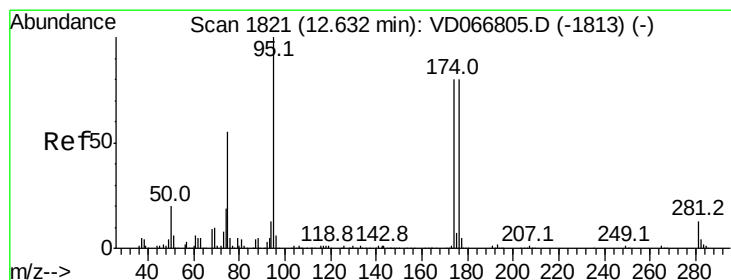
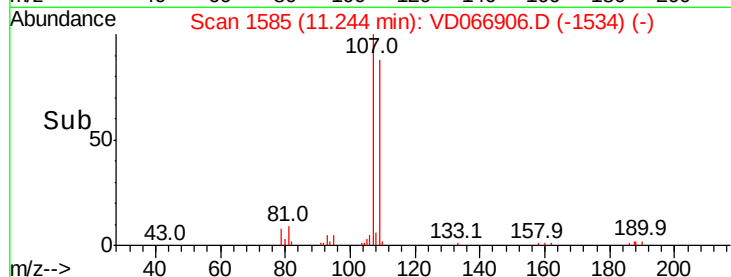
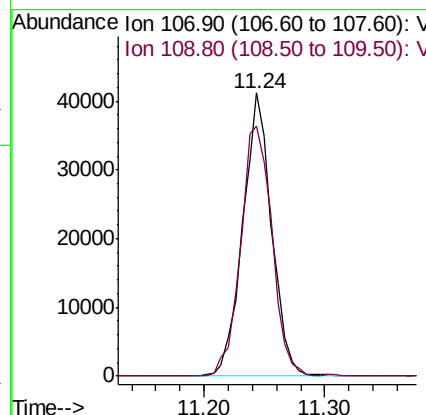
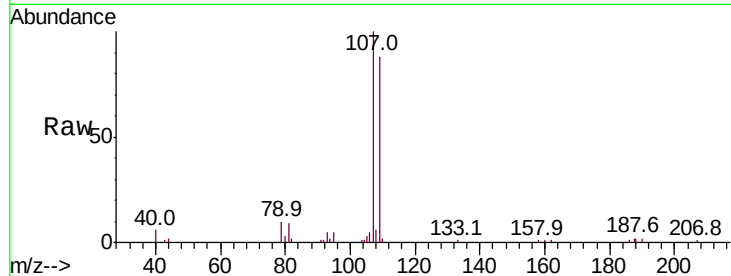




#61
 1,2-Dibromoethane
 Concen: 21.015 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066906.D
 Acq: 28 Sep 2020 11:57

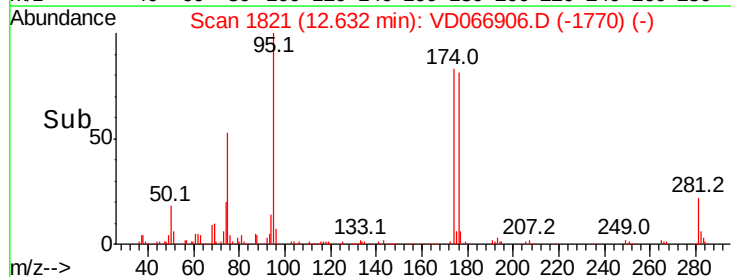
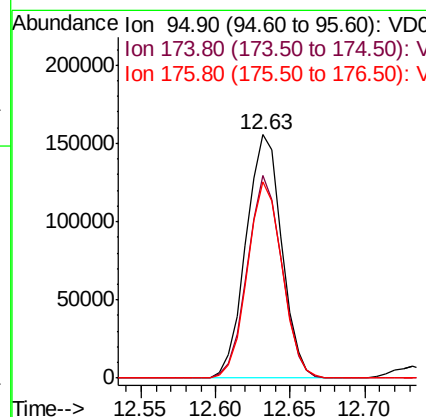
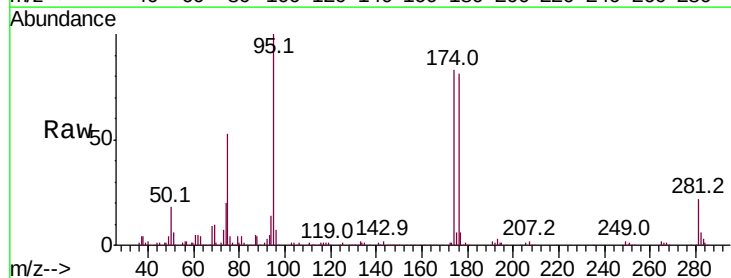
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBS01

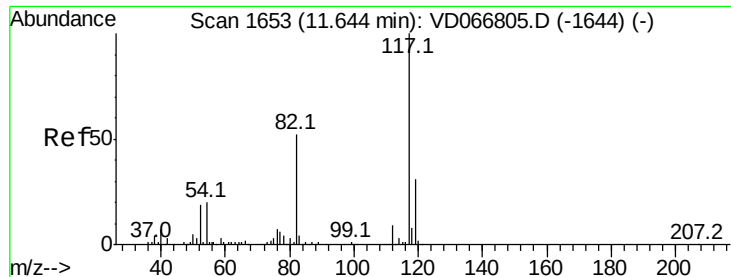
Tot Ion:107 Resp: 68533
 Ion Ratio Lower Upper
 107 100
 109 95.9 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 51.312 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066906.D
 Acq: 28 Sep 2020 11:57

Tgt Ion: 95 Resp: 256939
 Ion Ratio Lower Upper
 95 100
 174 80.2 0.0 159.8
 176 78.5 0.0 154.4

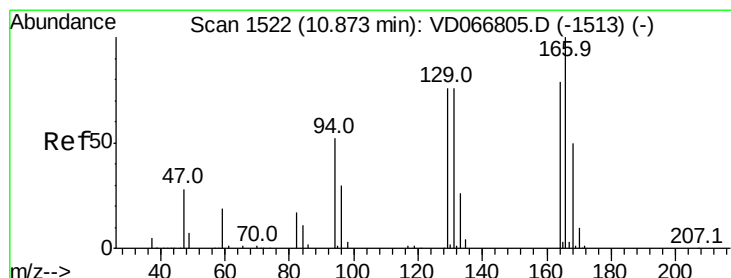
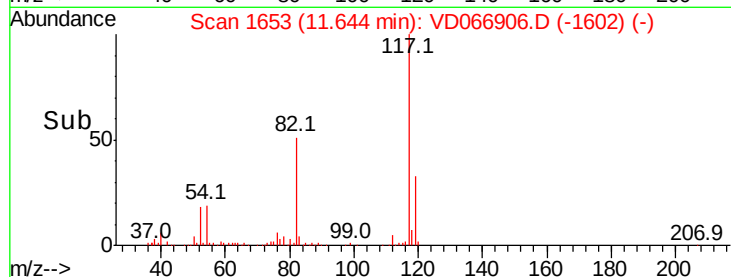
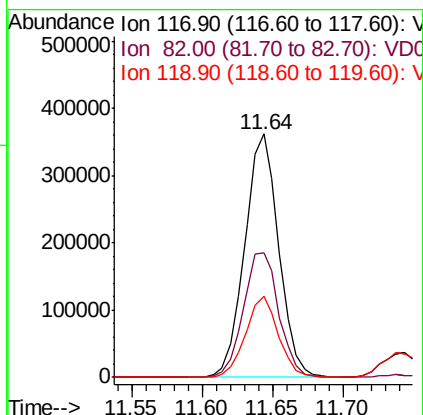
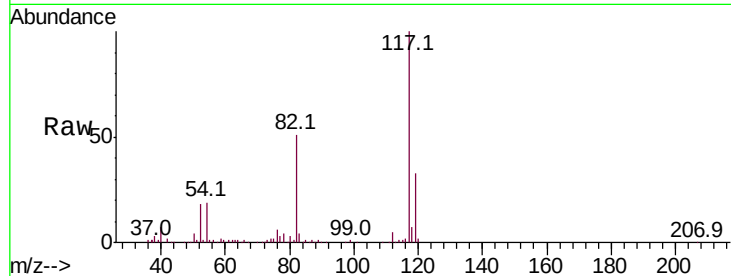




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

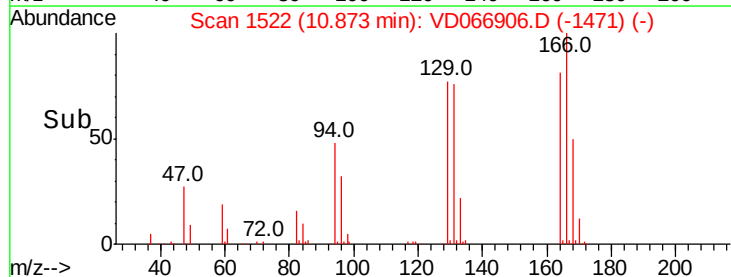
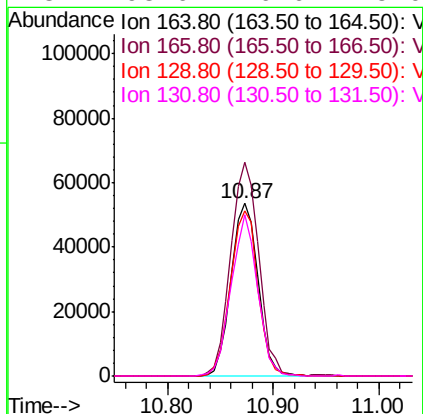
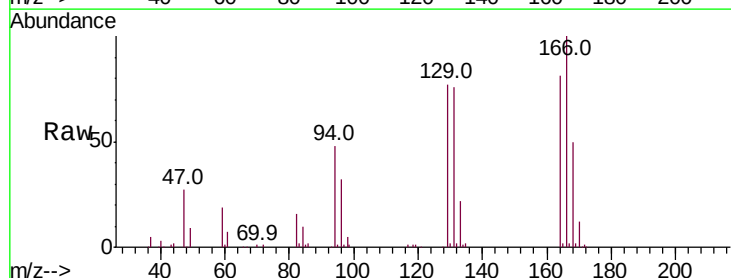
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

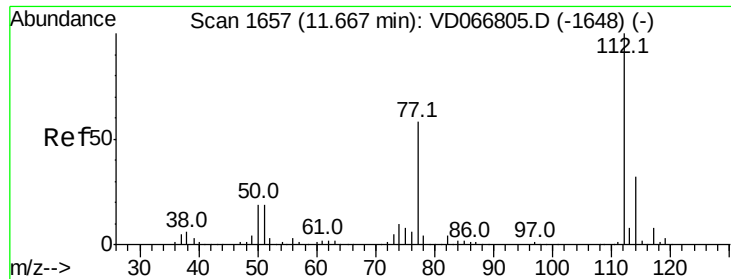
Tot Ion:117 Resp: 610311
Ion Ratio Lower Upper
117 100
82 51.2 41.8 62.6
119 33.1 24.6 37.0



#64
Tetrachloroethene
Concen: 21.575 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Tgt Ion:164 Resp: 94715
Ion Ratio Lower Upper
164 100
166 123.6 101.1 151.7
129 95.7 77.0 115.4
131 93.6 76.6 115.0

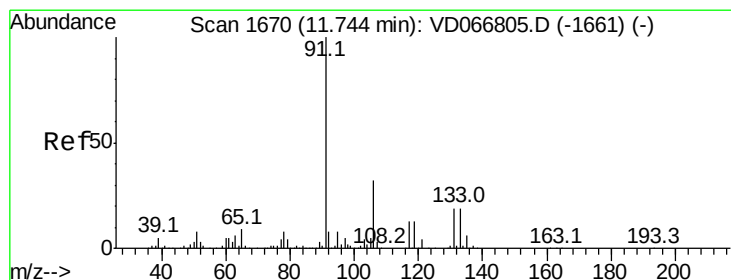
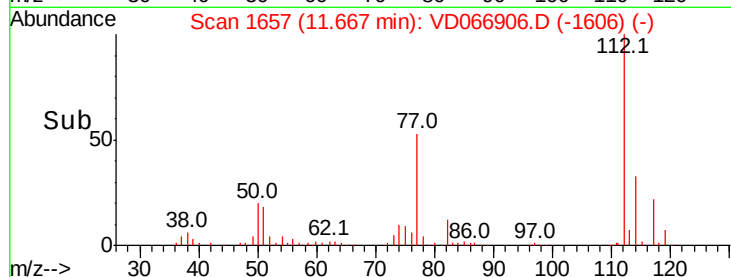
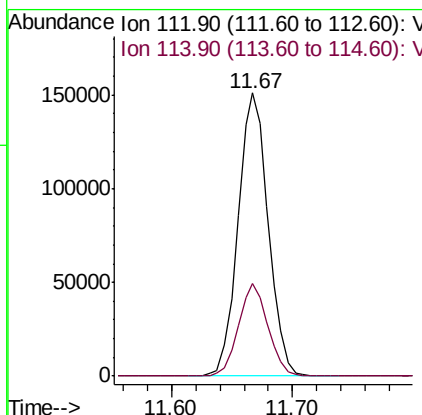
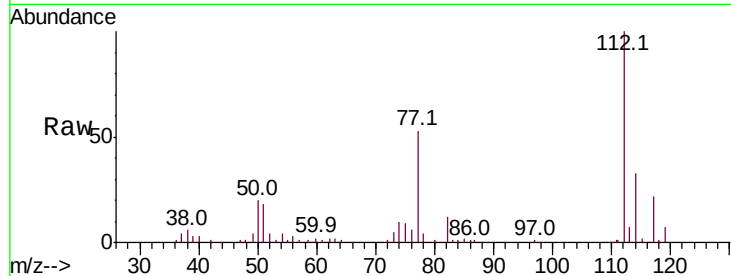




#65
Chlorobenzene
Concen: 20.622 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

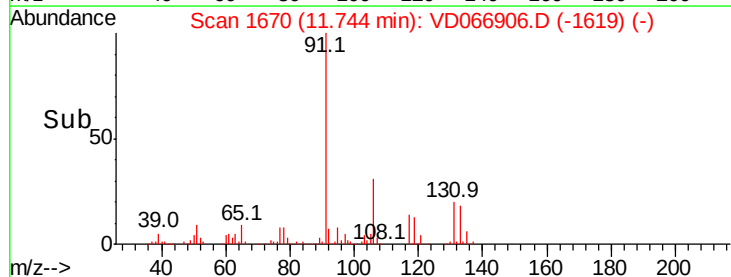
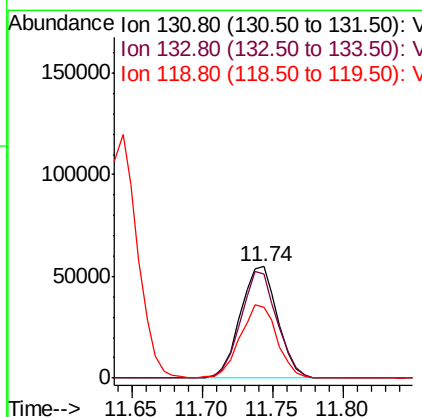
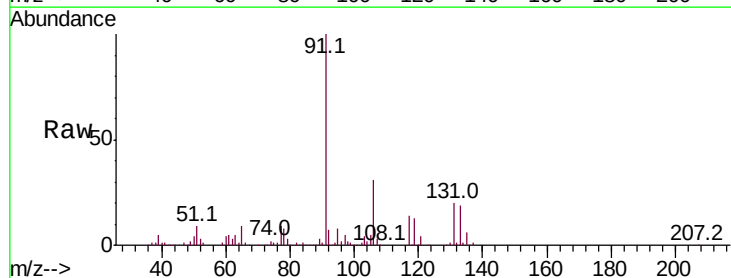
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

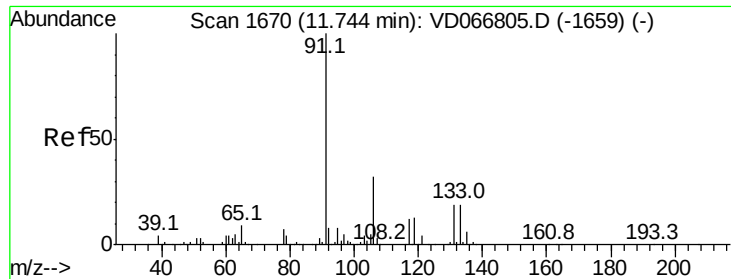
Tot Ion:112 Resp: 261981
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.028 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Tgt Ion:131 Resp: 101109
Ion Ratio Lower Upper
131 100
133 93.5 46.7 140.1
119 65.1 32.3 96.9





#67

Ethyl Benzene

Concen: 20.431 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

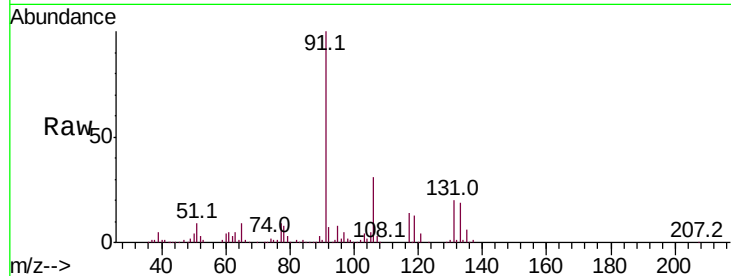
VD0928SBS01

Tot Ion: 91 Resp: 455871

Ion Ratio Lower Upper

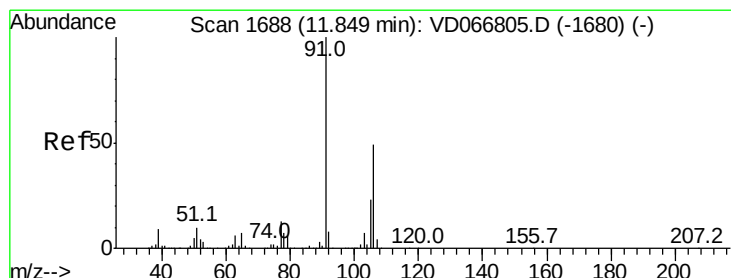
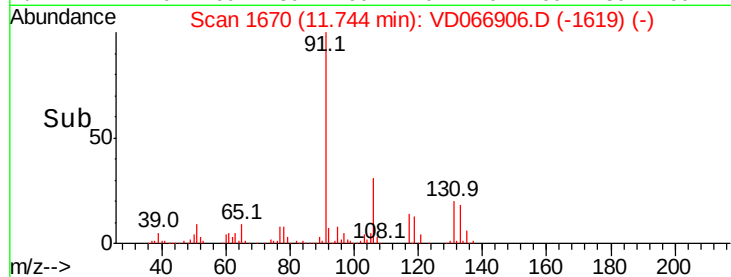
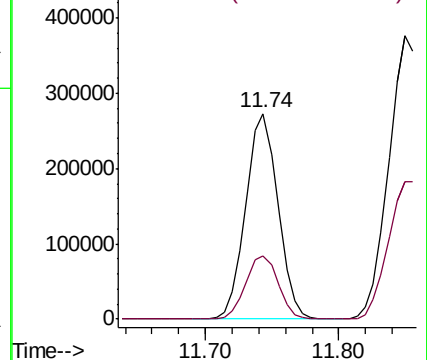
91 100

106 30.8 25.6 38.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 42.781 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066906.D

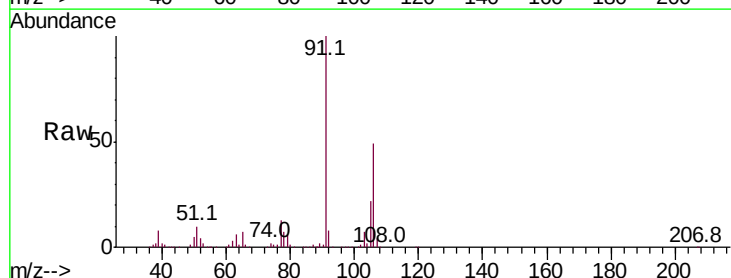
Acq: 28 Sep 2020 11:57

Tgt Ion: 106 Resp: 361404

Ion Ratio Lower Upper

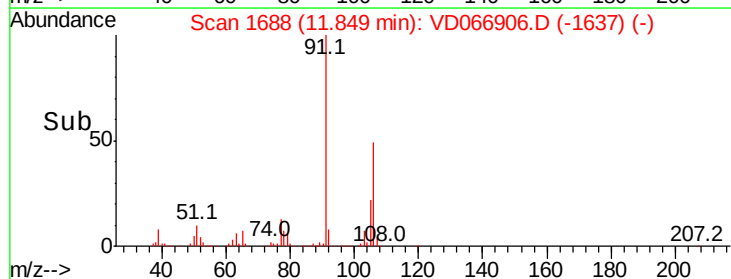
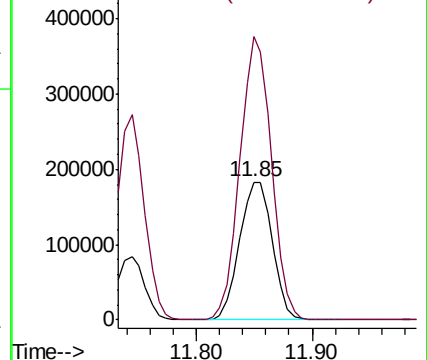
106 100

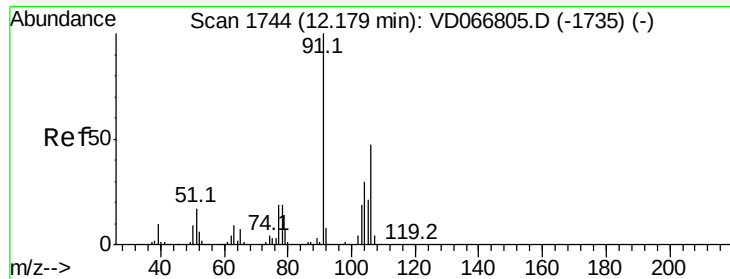
91 197.0 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

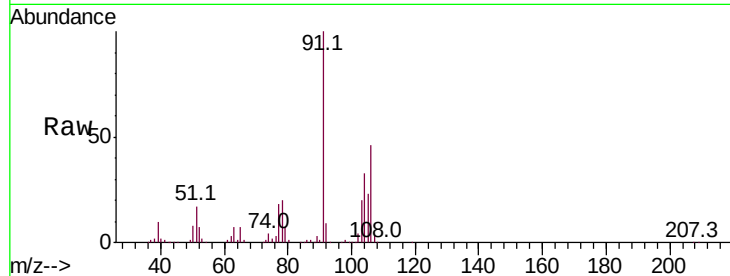




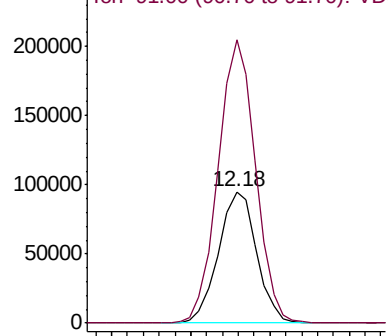
#69
o-Xylene
Concen: 20.830 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

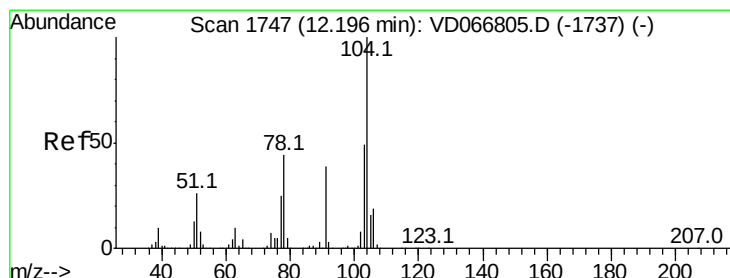
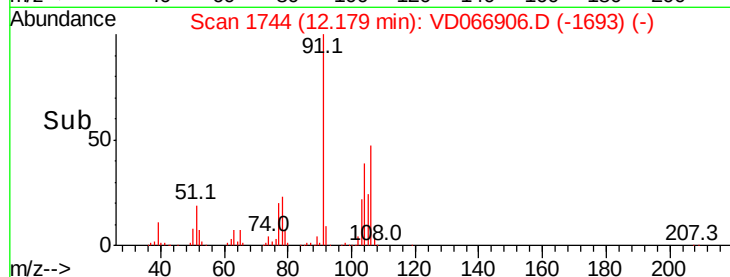
Tot Ion:106 Resp: 159113
Ion Ratio Lower Upper
106 100
91 211.4 106.3 318.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

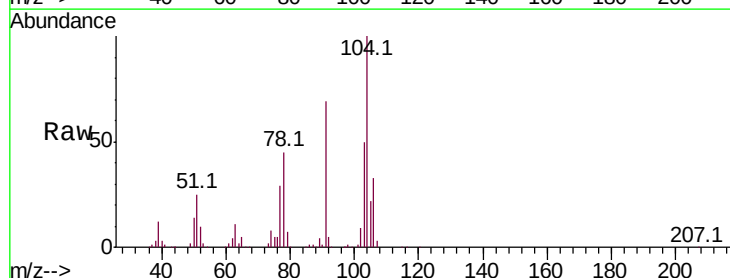


Time--> 12.10 12.15 12.20 12.25

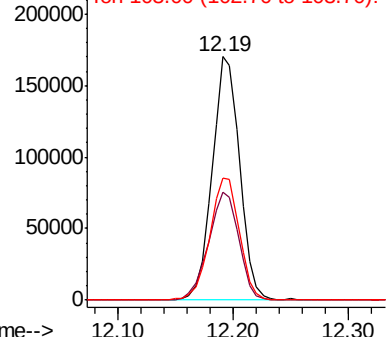


#70
Styrene
Concen: 21.062 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

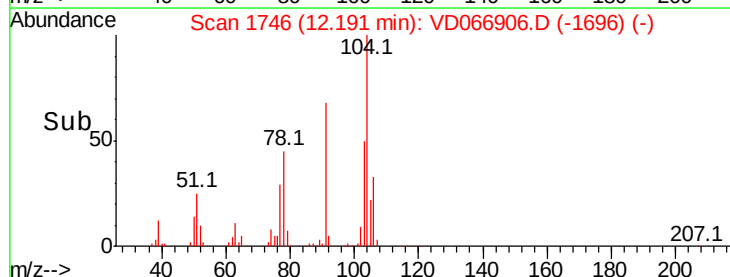
Tgt Ion:104 Resp: 279397
Ion Ratio Lower Upper
104 100
78 49.2 38.9 58.3
103 54.2 43.2 64.8

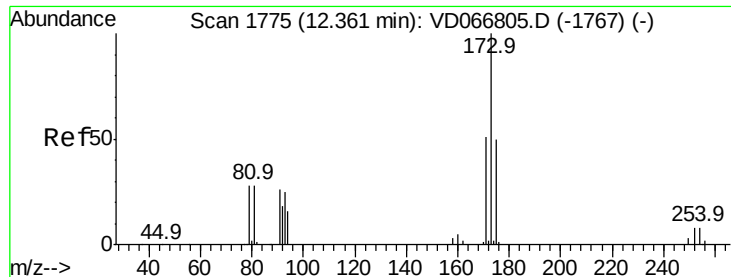


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V



Time--> 12.10 12.20 12.30





#71

Bromoform

Concen: 21.701 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

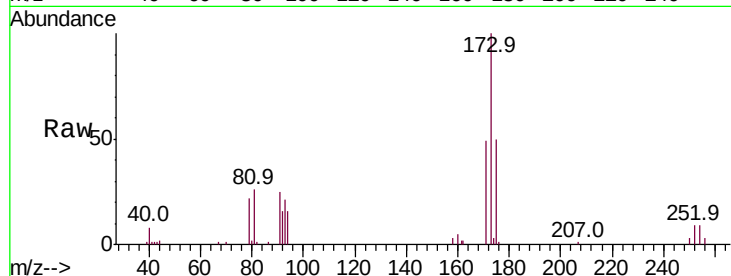
Tot Ion:173 Resp: 52831

Ion Ratio Lower Upper

173 100

175 48.3 24.9 74.6

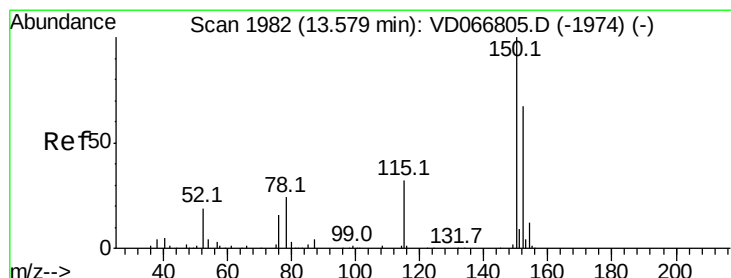
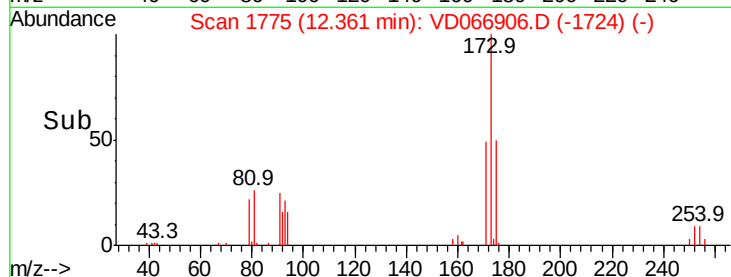
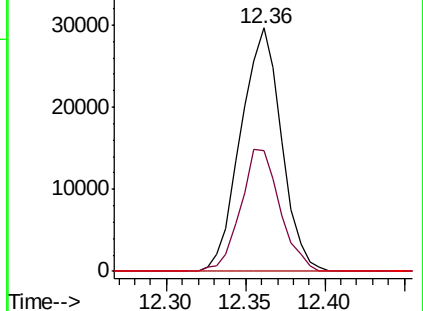
254 0.0 0.1 0.1#



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: VD066906.D

Acq: 28 Sep 2020 11:57

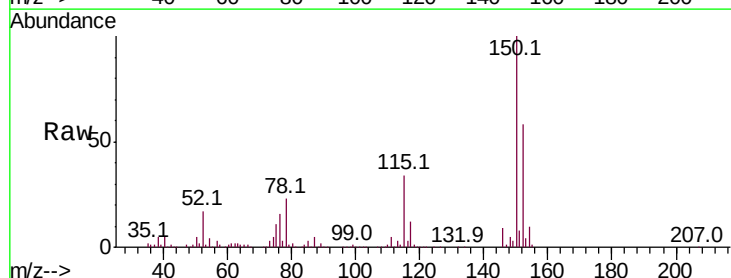
Tgt Ion:152 Resp: 297707

Ion Ratio Lower Upper

152 100

115 59.1 30.3 91.0

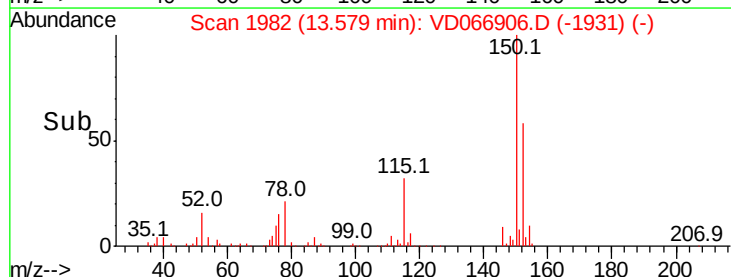
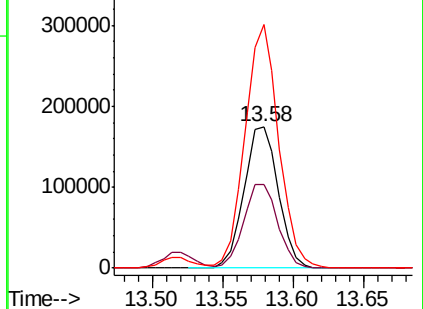
150 168.8 0.0 346.2

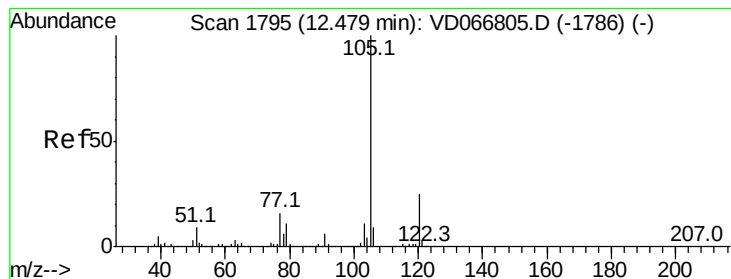


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.405 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

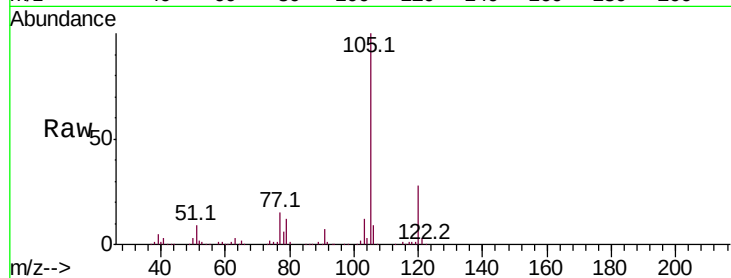
VD0928SBS01

Tot Ion:105 Resp: 438845

Ion Ratio Lower Upper

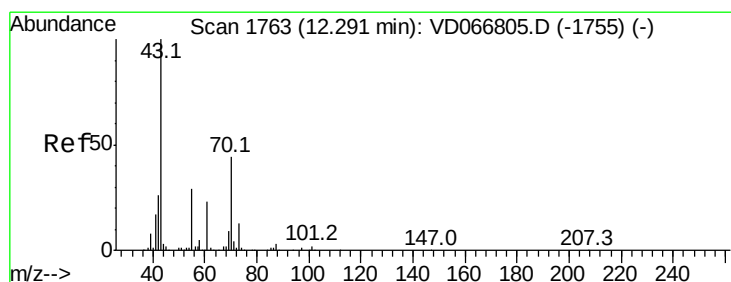
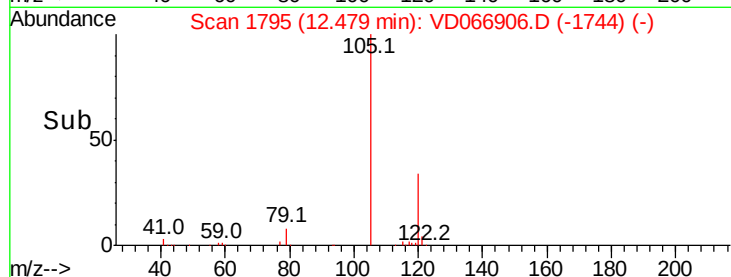
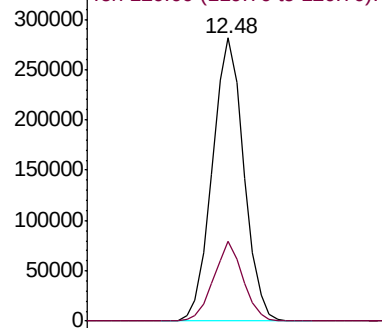
105 100

120 26.3 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.675 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Tgt Ion: 43 Resp: 82631

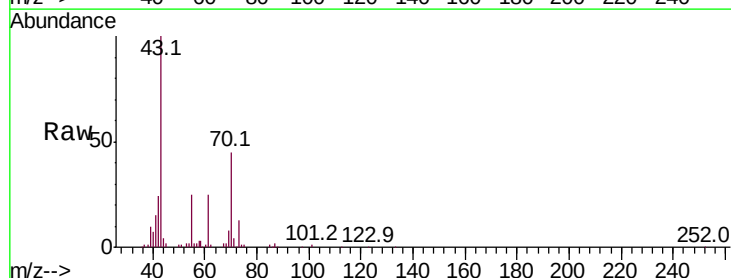
Ion Ratio Lower Upper

43 100

70 45.5 36.1 54.1

55 29.4 21.8 32.8

61 24.6 19.0 28.4

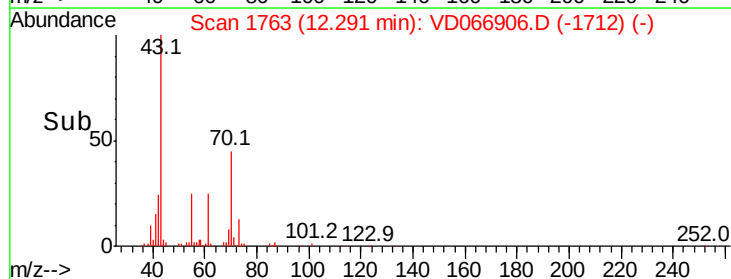
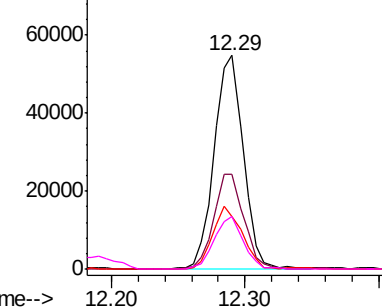


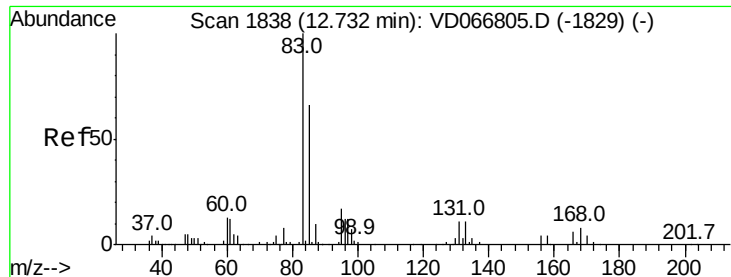
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 20.206 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

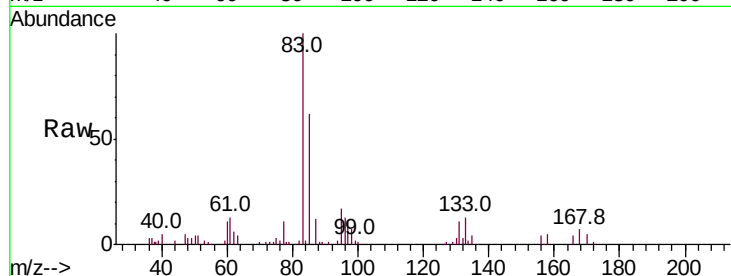
Tot Ion: 83 Resp: 74984

Ion Ratio Lower Upper

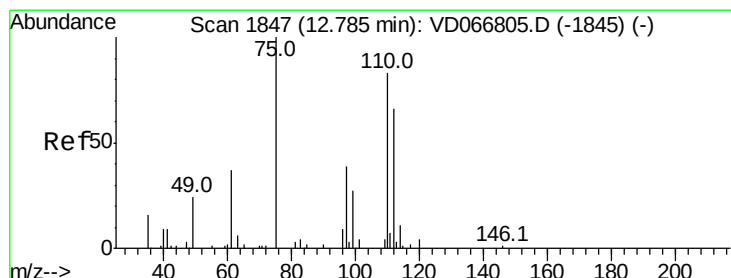
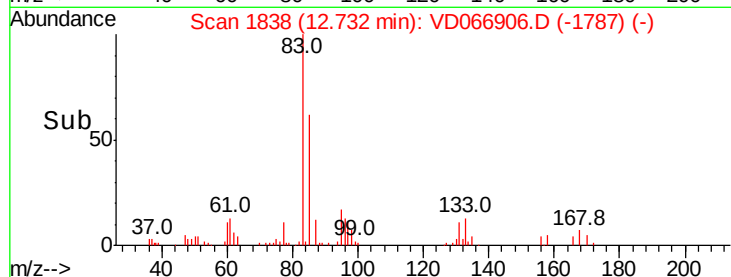
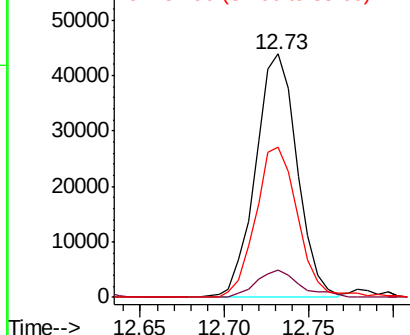
83 100

131 11.5 5.5 16.7

85 63.4 32.1 96.5



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: 38.292 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066906.D

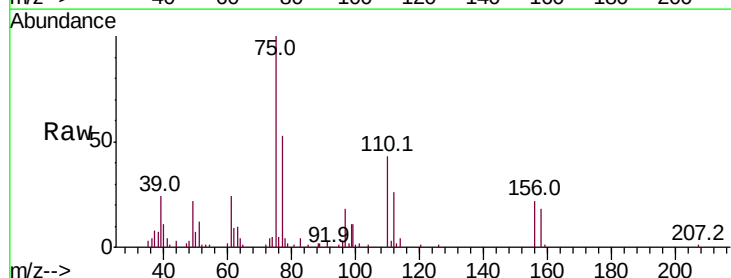
Acq: 28 Sep 2020 11:57

Tgt Ion: 75 Resp: 94473

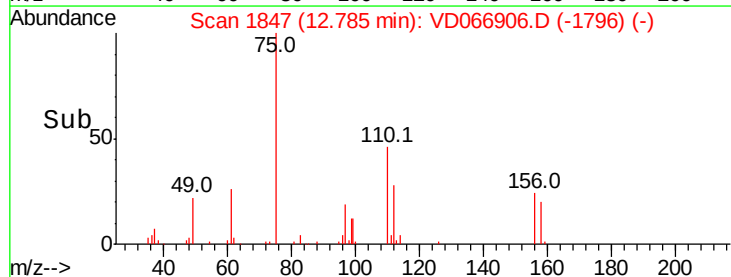
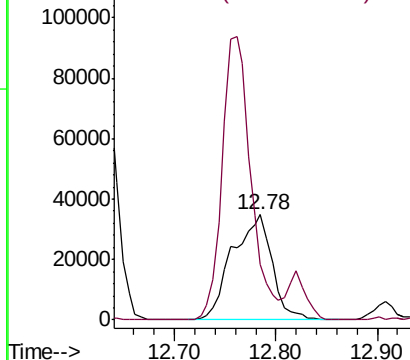
Ion Ratio Lower Upper

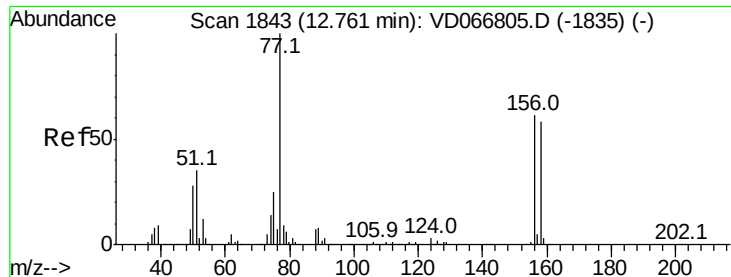
75 100

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: 20.974 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

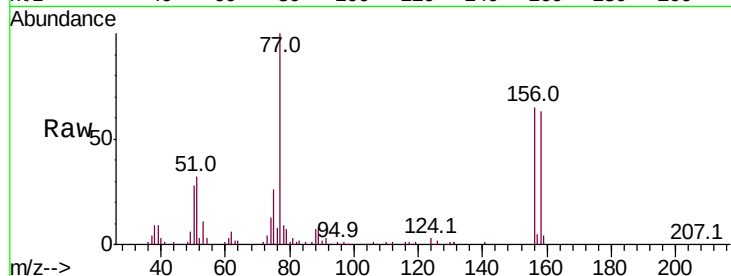
Tot Ion:156 Resp: 105498

Ion Ratio Lower Upper

156 100

77 175.1 92.3 276.9

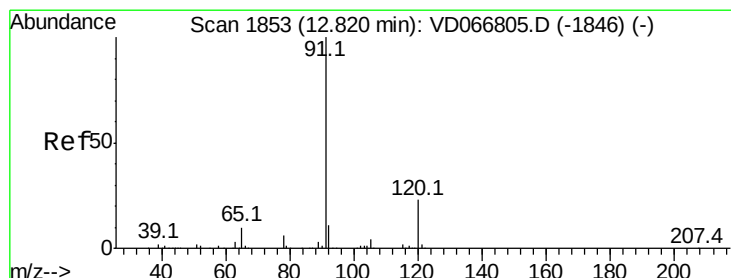
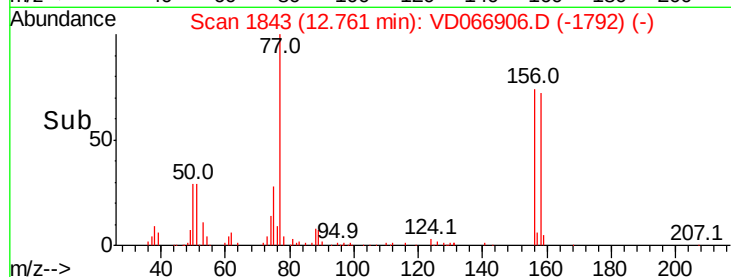
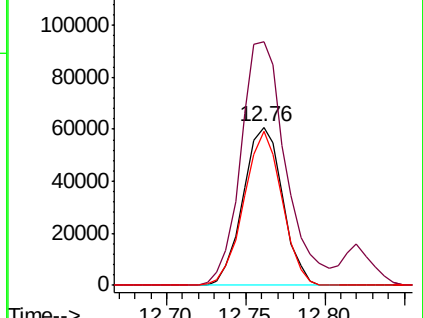
158 93.7 47.6 142.9



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: 20.244 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066906.D

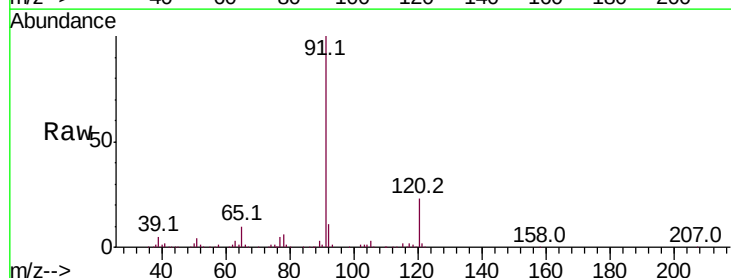
Acq: 28 Sep 2020 11:57

Tgt Ion: 91 Resp: 523784

Ion Ratio Lower Upper

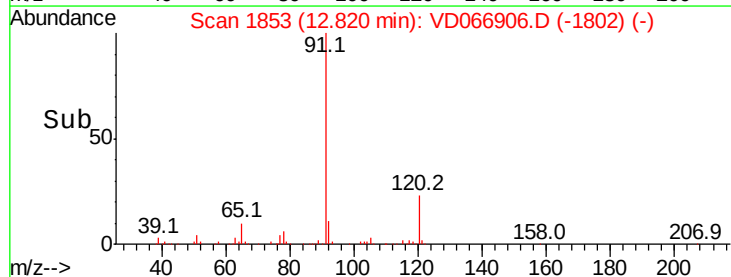
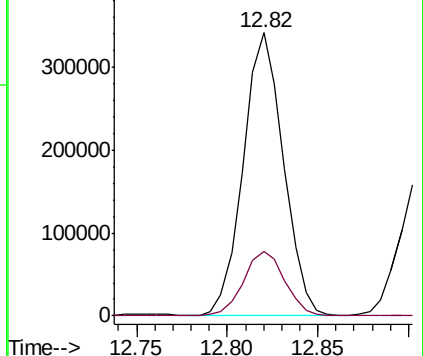
91 100

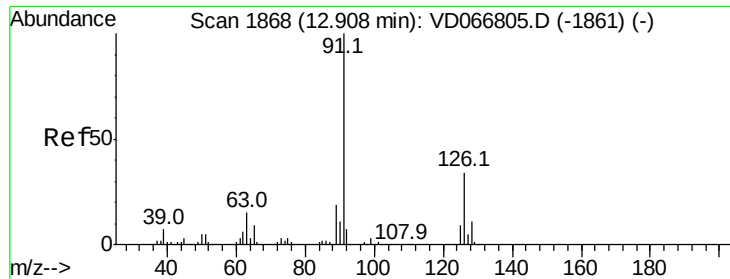
120 23.6 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.122 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

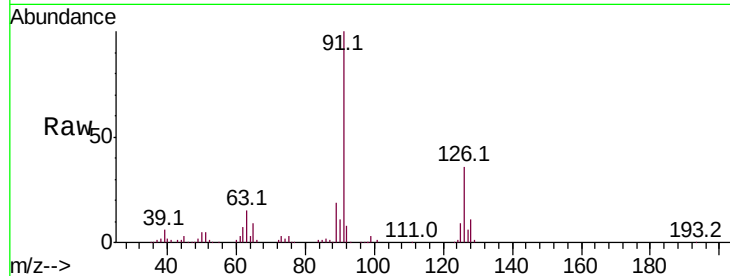
VD0928SBS01

Tot Ion: 91 Resp: 296675

Ion Ratio Lower Upper

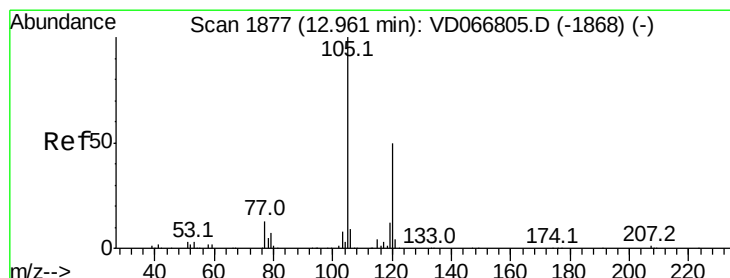
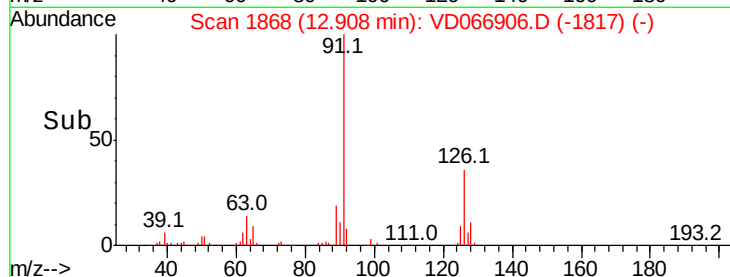
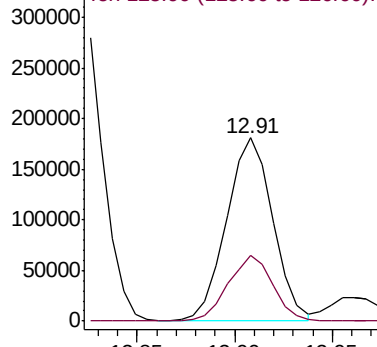
91 100

126 34.7 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VD

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.559 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066906.D

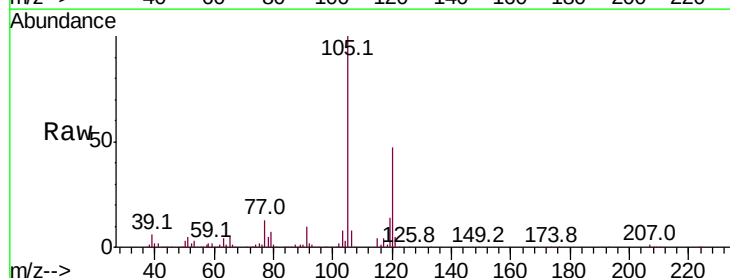
Acq: 28 Sep 2020 11:57

Tgt Ion:105 Resp: 375169

Ion Ratio Lower Upper

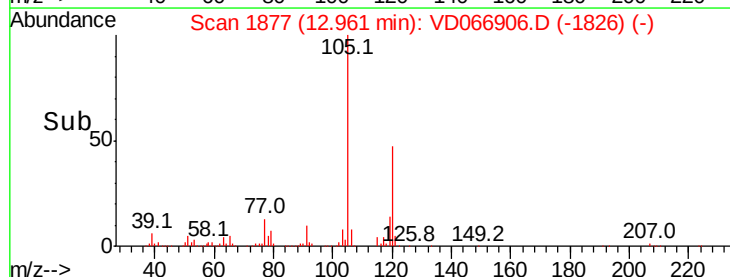
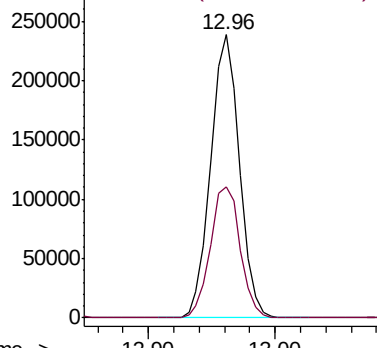
105 100

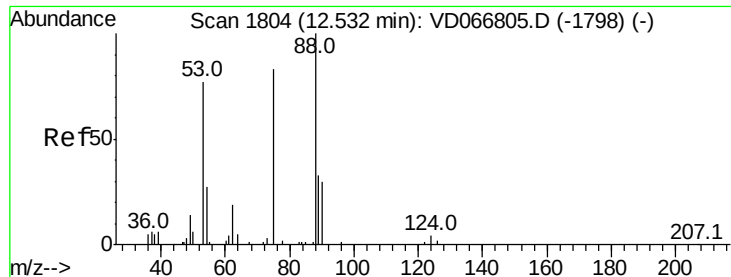
120 48.2 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 22.664 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

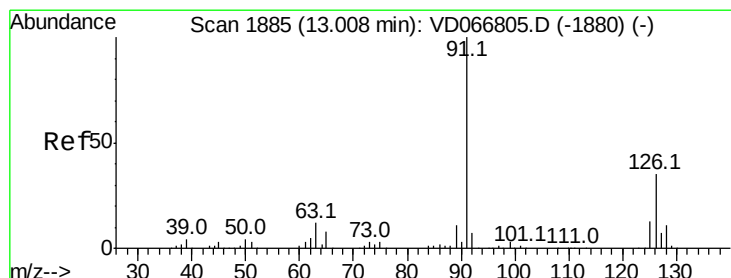
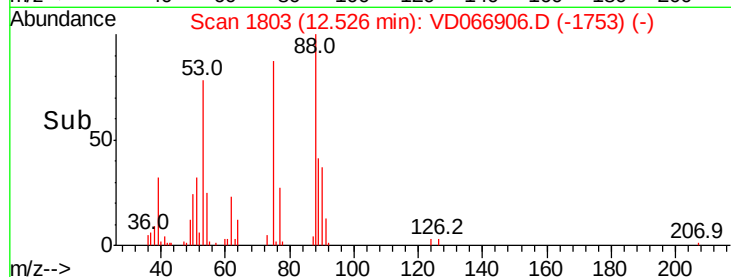
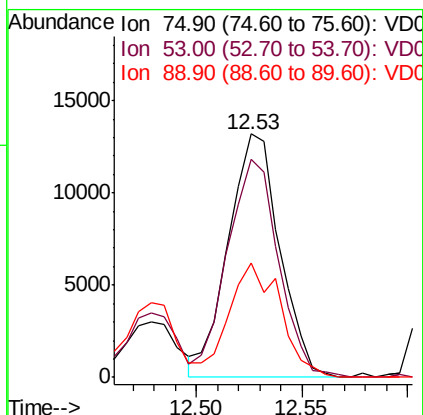
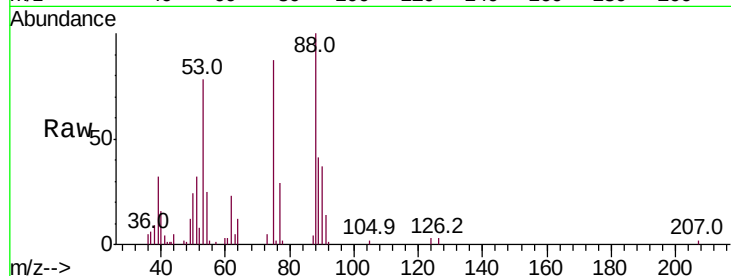
Tot Ion: 75 Resp: 22349

Ion Ratio Lower Upper

75 100

53 89.4 78.5 117.7

89 47.3 38.1 57.1



#82

4-Chlorotoluene

Concen: 20.199 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066906.D

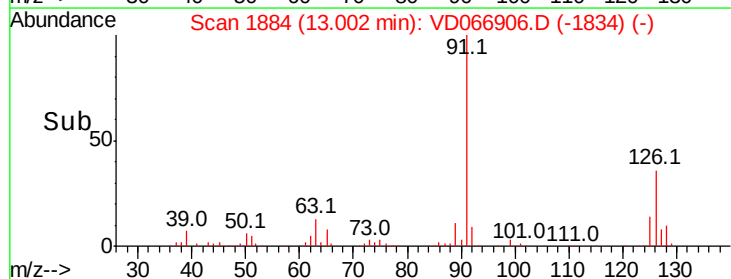
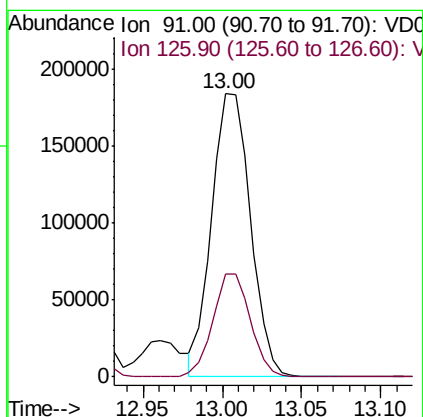
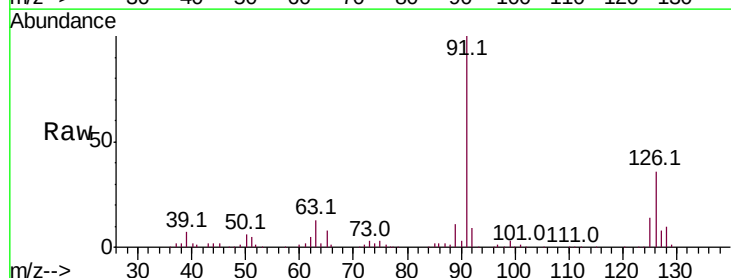
Acq: 28 Sep 2020 11:57

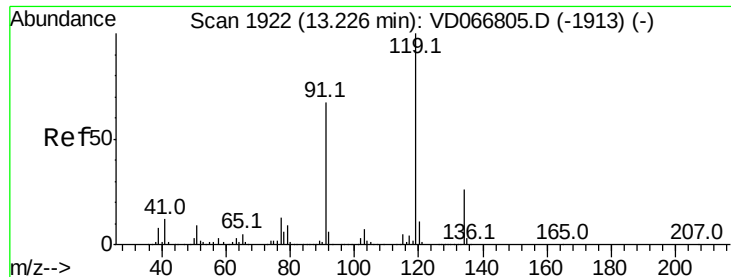
Tgt Ion: 91 Resp: 313939

Ion Ratio Lower Upper

91 100

126 34.9 17.1 51.2





#83

tert-Butylbenzene

Concen: 20.848 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

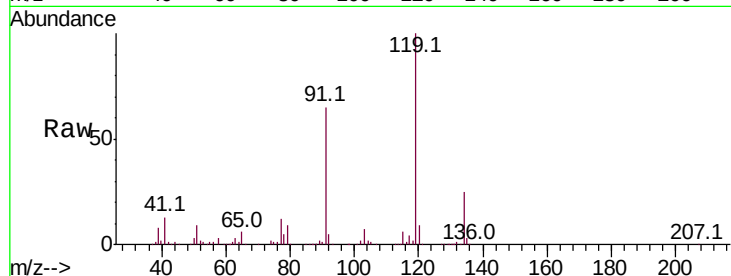
Tot Ion:119 Resp: 312615

Ion Ratio Lower Upper

119 100

91 65.0 33.6 100.8

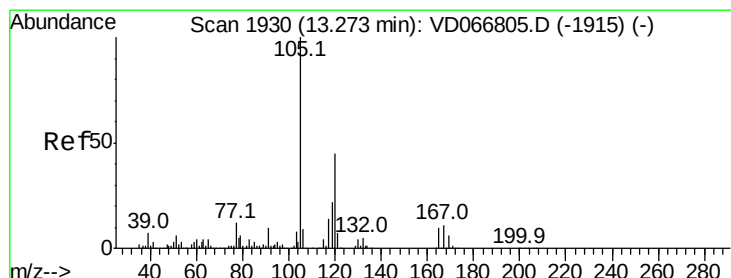
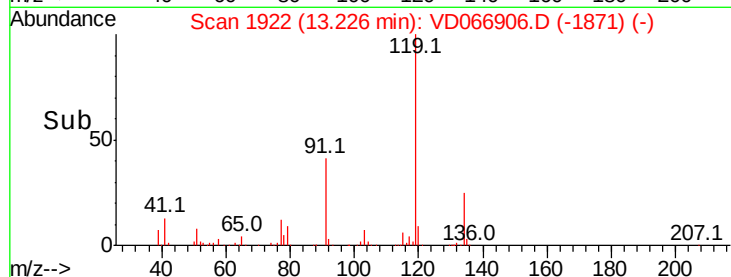
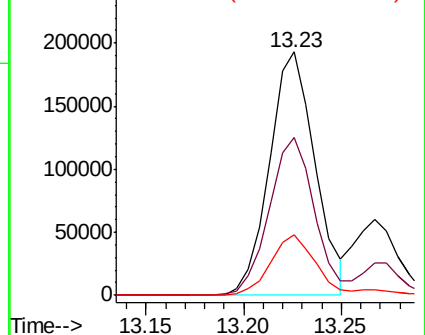
134 24.4 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.883 ug/l

RT: 13.27 min Scan# 1929

Delta R.T. -0.01 min

Lab File: VD066906.D

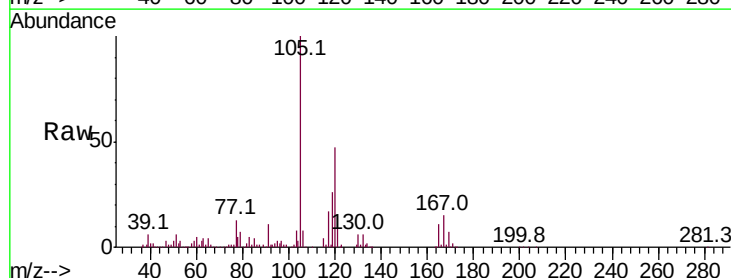
Acq: 28 Sep 2020 11:57

Tgt Ion:105 Resp: 377877

Ion Ratio Lower Upper

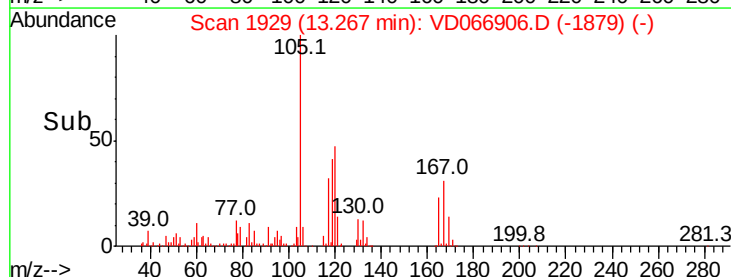
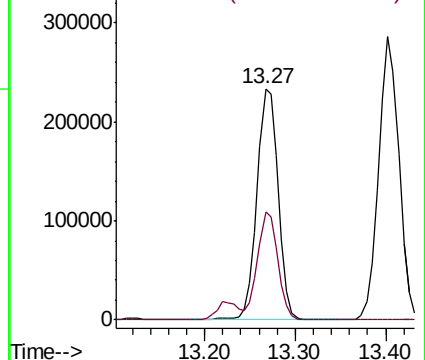
105 100

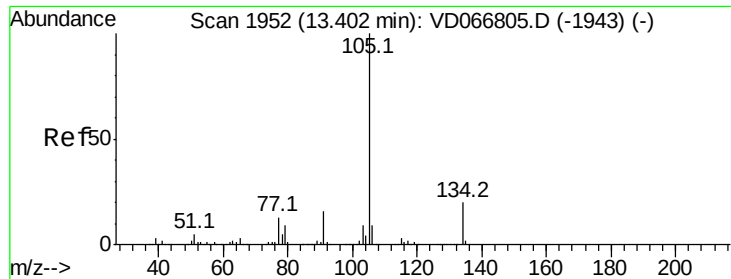
120 44.7 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.578 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

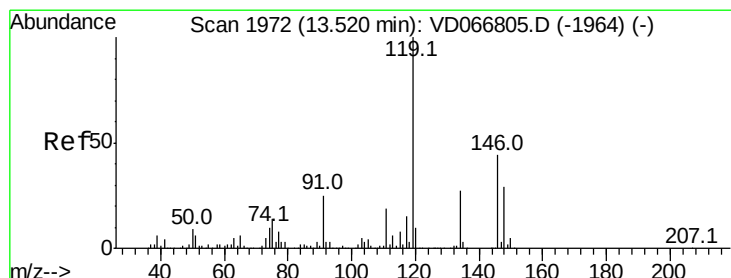
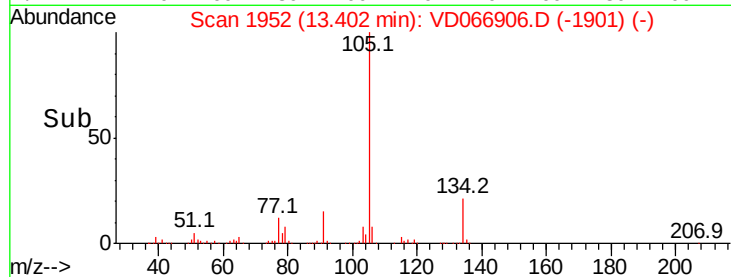
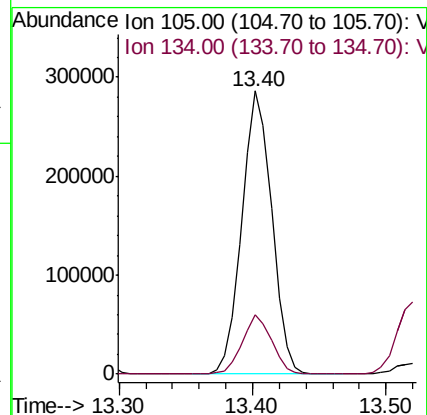
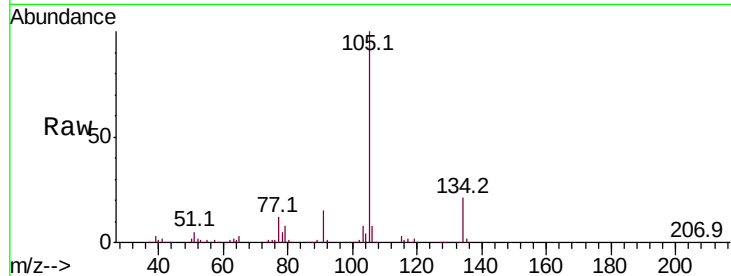
VD0928SBS01

Tot Ion:105 Resp: 443717

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.908 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

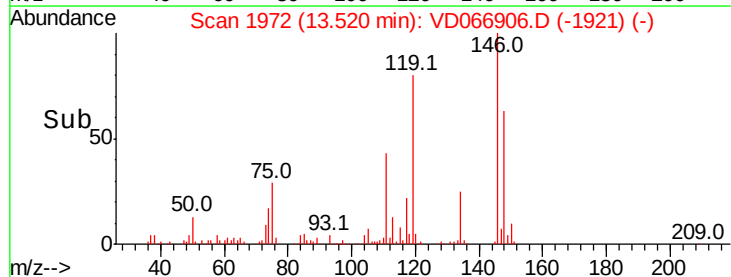
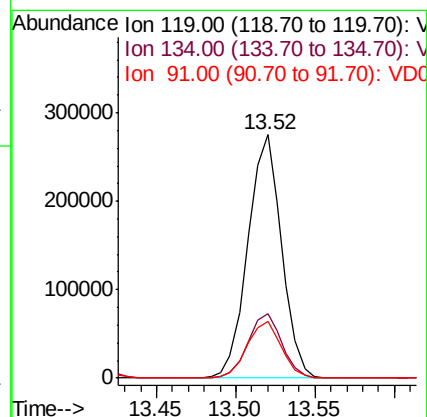
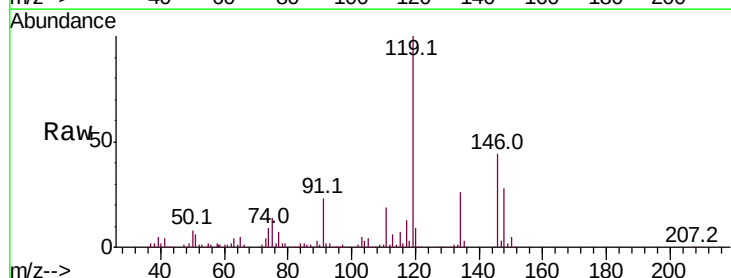
Tgt Ion:119 Resp: 406386

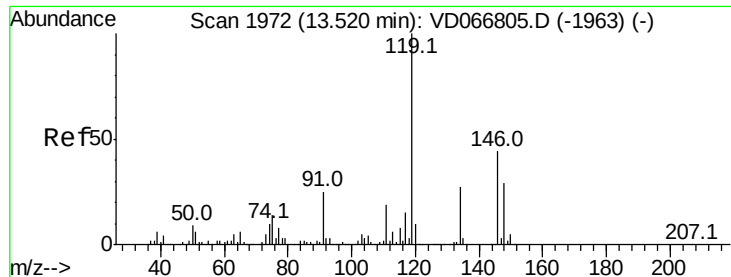
Ion Ratio Lower Upper

119 100

134 26.7 13.0 38.9

91 23.6 12.0 36.1

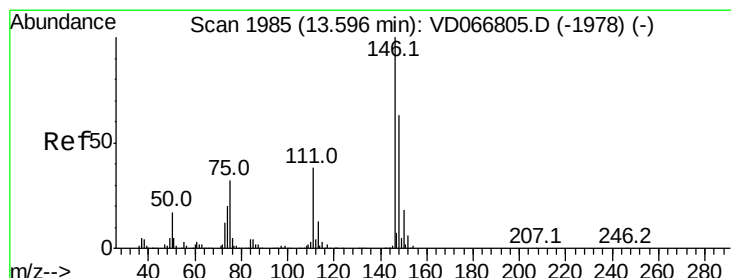
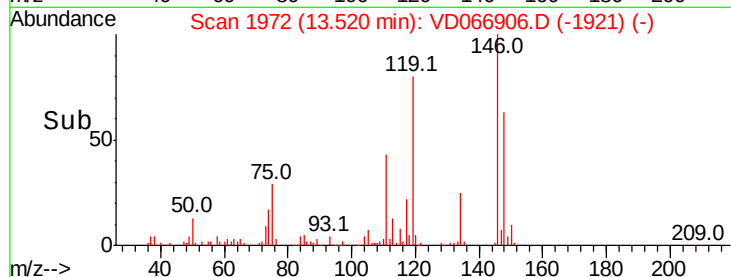
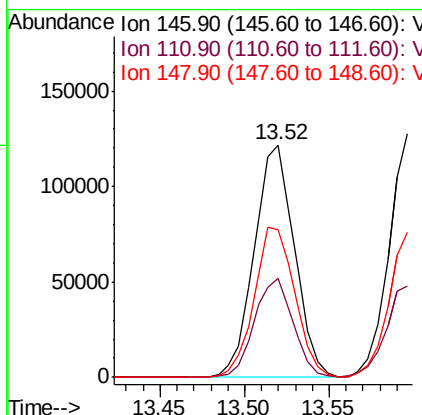
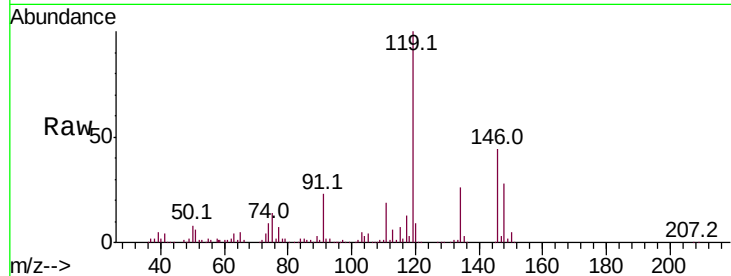




#87
 1,3-Dichlorobenzene
 Concen: 20.274 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066906.D
 Acq: 28 Sep 2020 11:57

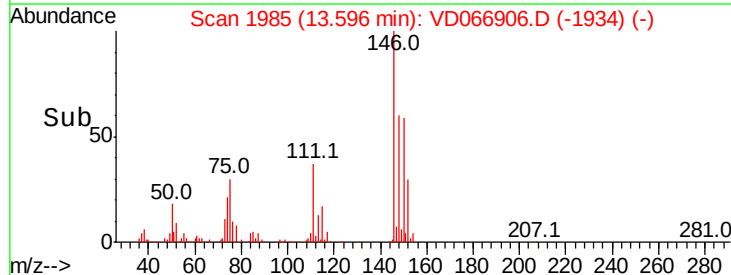
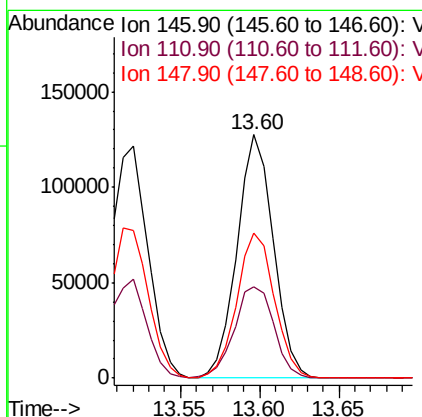
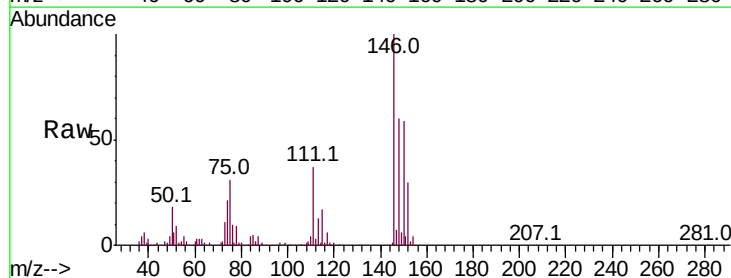
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBS01

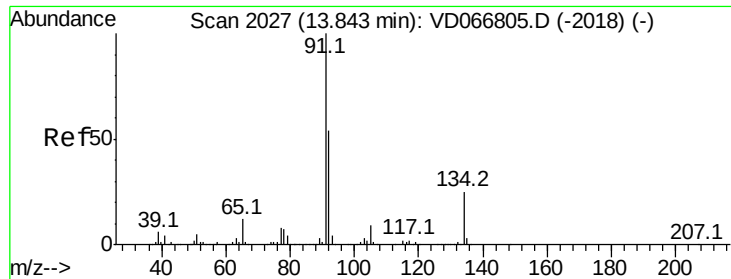
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.3	60.9
148	65.2	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 20.589 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066906.D
 Acq: 28 Sep 2020 11:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.2	60.5
148	61.6	31.6	94.7

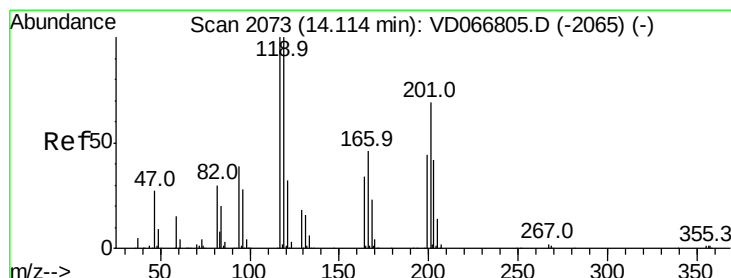
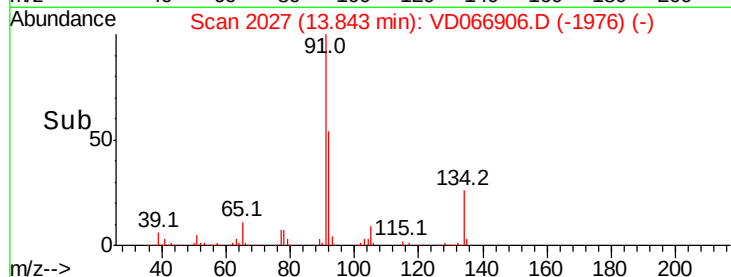
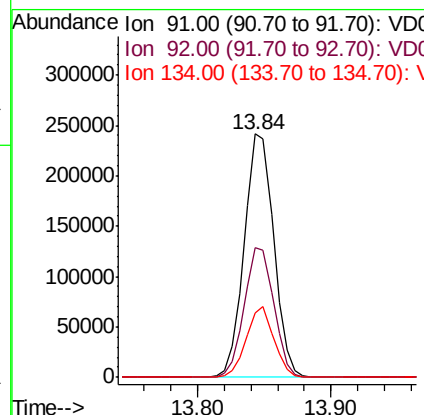
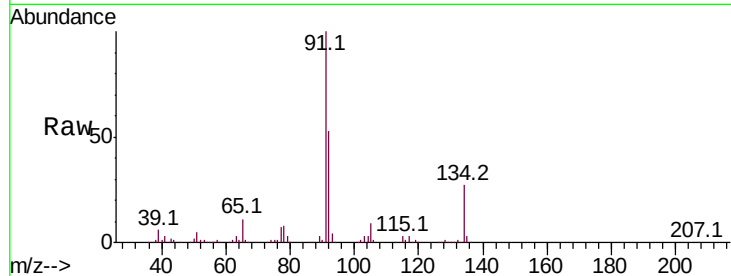




#89
n-Butylbenzene
Concen: 19.992 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

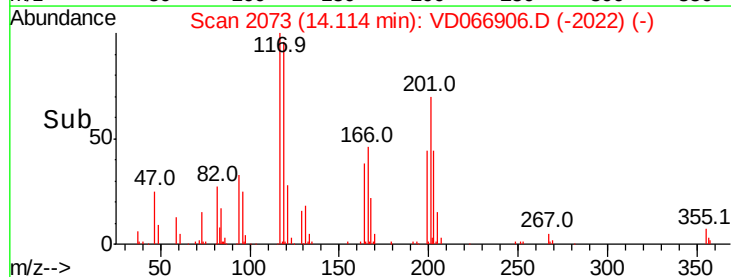
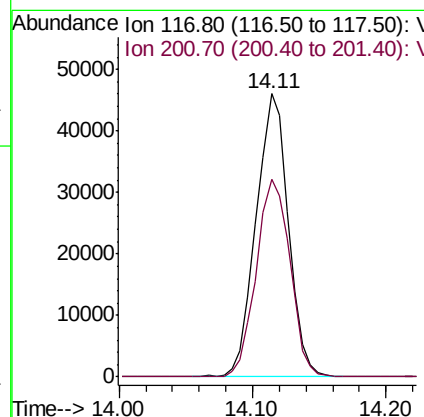
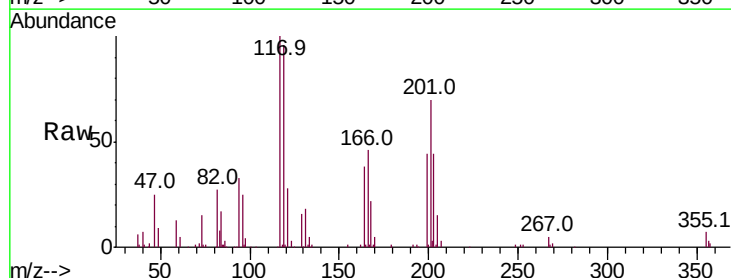
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

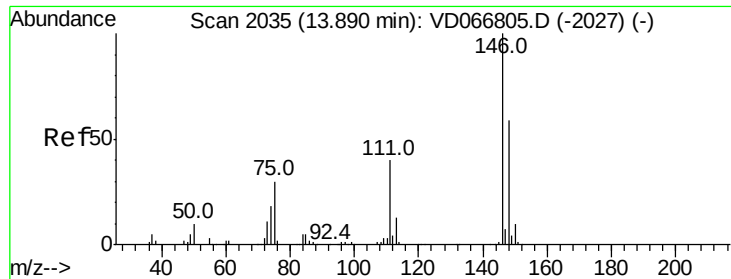
Tot Ion: 91 Resp: 369342
Ion Ratio Lower Upper
91 100
92 53.2 26.7 80.0
134 27.0 13.1 39.1



#90
Hexachloroethane
Concen: 19.410 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Tgt Ion: 117 Resp: 76593
Ion Ratio Lower Upper
117 100
201 73.1 33.7 101.0

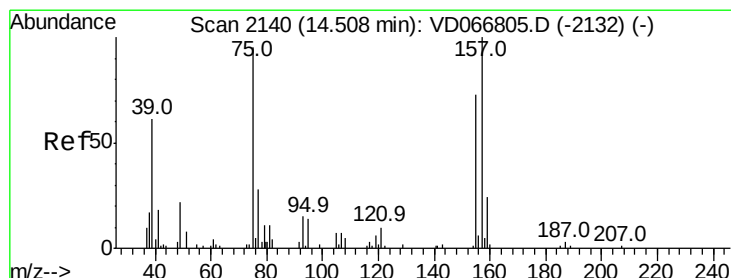
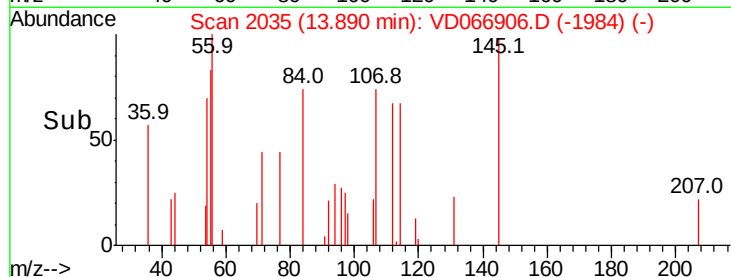
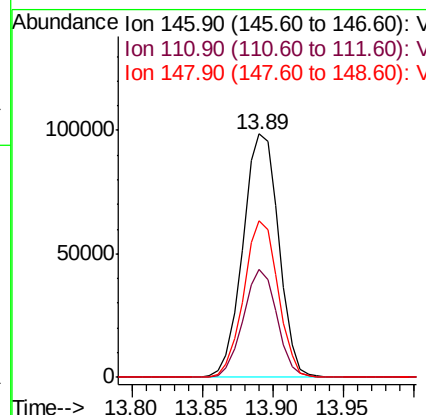
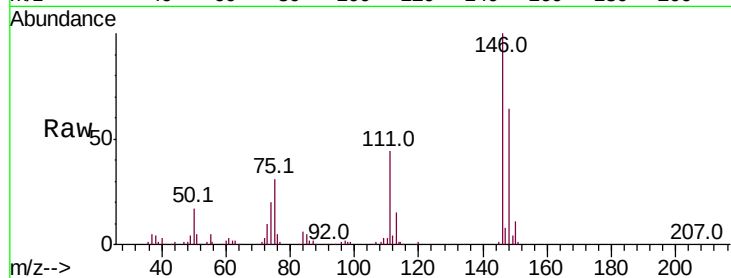




#91
 1,2-Dichlorobenzene
 Concen: 20.604 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066906.D
 Acq: 28 Sep 2020 11:57

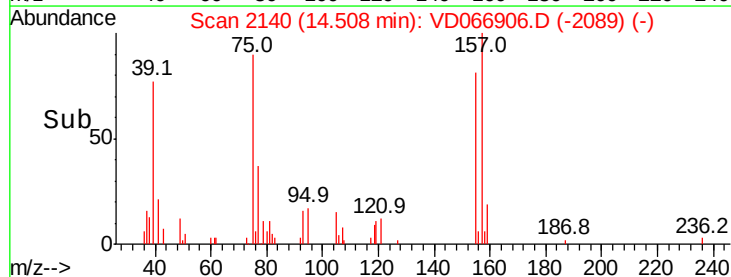
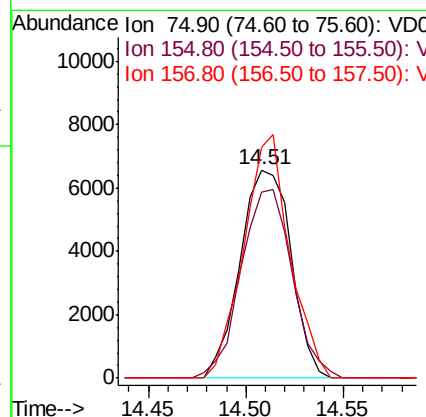
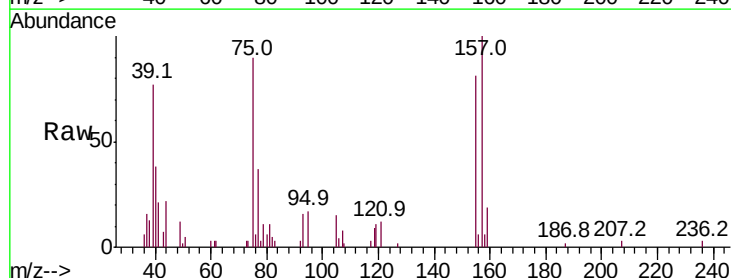
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBS01

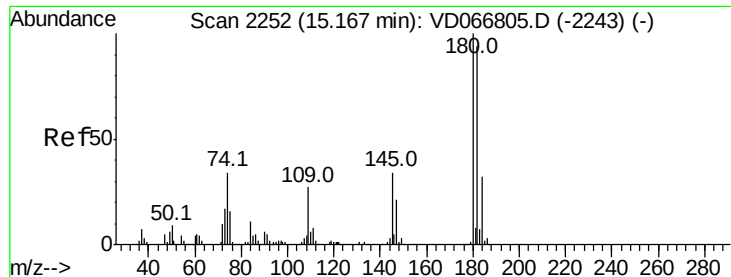
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.9	62.7
148	61.6	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.905 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066906.D
 Acq: 28 Sep 2020 11:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.0	40.4	121.2
157	105.3	51.3	153.9

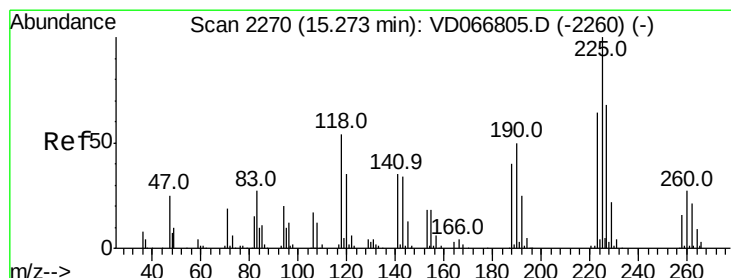
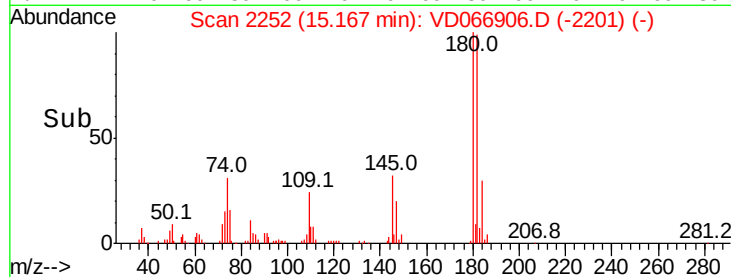
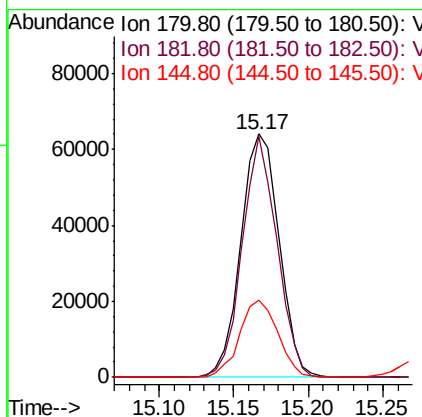
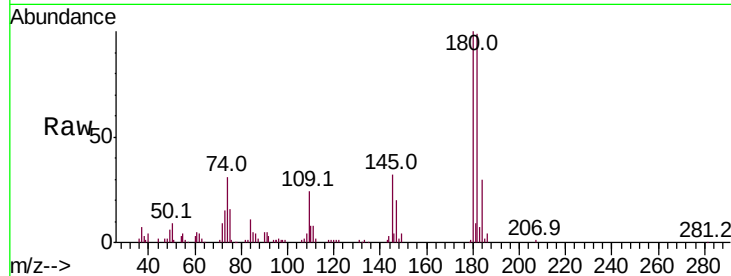




#93
 1,2,4-Trichlorobenzene
 Concen: 21.312 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066906.D
 Acq: 28 Sep 2020 11:57

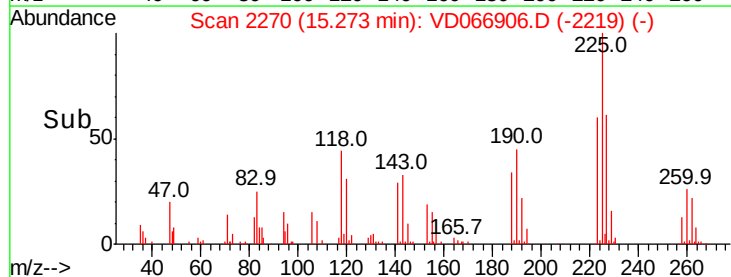
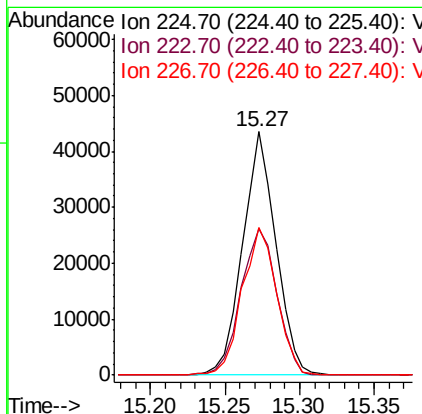
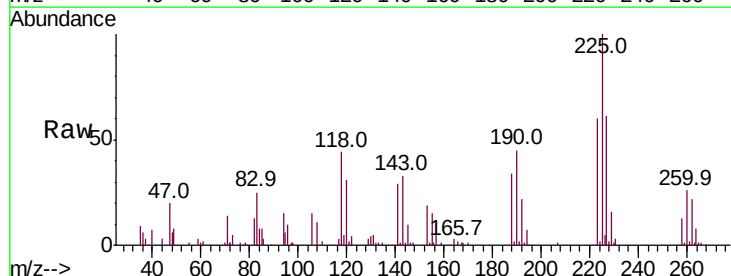
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBS01

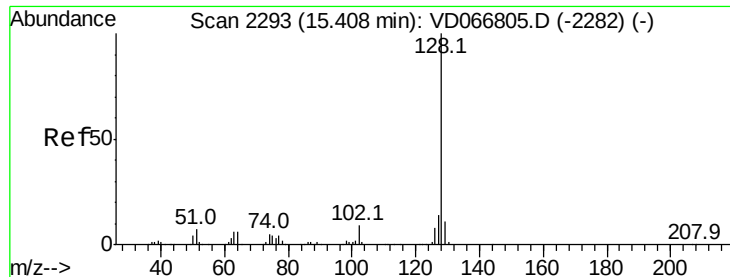
Tot Ion	Ratio	Lower	Upper
180	100		
182	89.6	48.8	146.3
145	31.7	16.7	50.0



#94
 Hexachlorobutadiene
 Concen: 20.902 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066906.D
 Acq: 28 Sep 2020 11:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	31.1	93.3
227	63.0	31.7	95.1

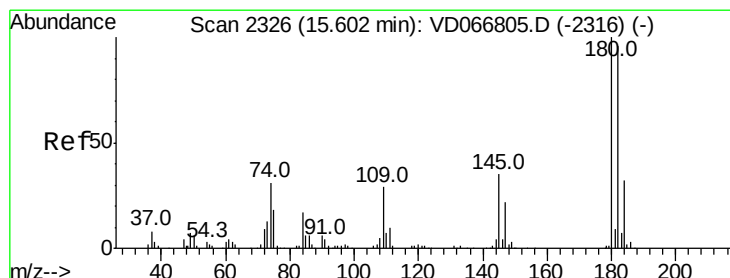
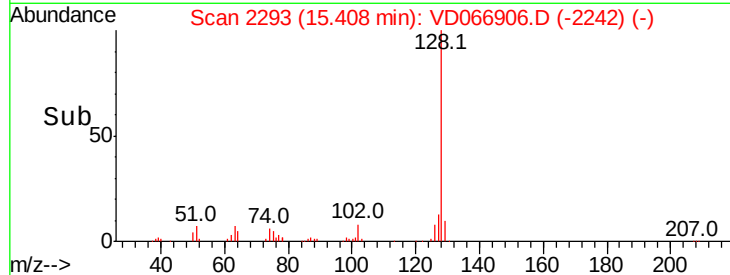
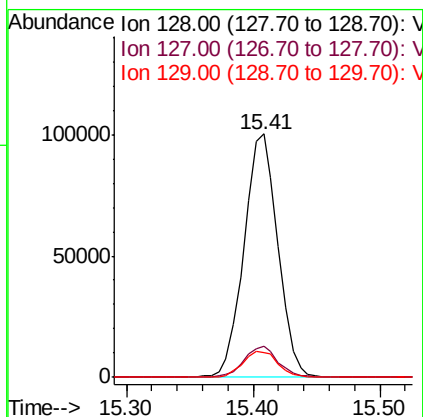
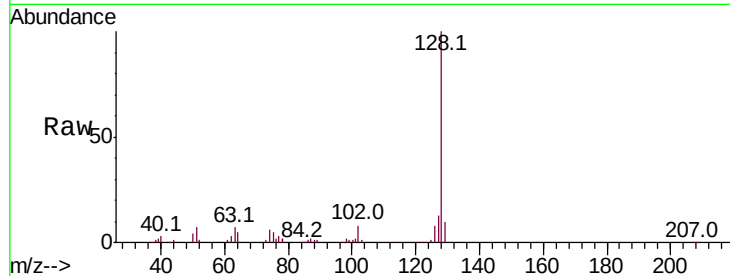




#95
Naphthalene
Concen: 20.454 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	11.0	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.562 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	46.8	140.3
145	33.9	17.0	51.0

