

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD090220\
 Data File : VD066519.D
 Acq On : 02 Sep 2020 13:10
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 02 14:07:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 02 14:03:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	167899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	231297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	211571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	111049	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	190437	105.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	210.94%	
35) Dibromofluoromethane	7.91	113	145874	104.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.72%	
50) Toluene-d8	10.34	98	542217	103.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.60%	
62) 4-Bromofluorobenzene	12.63	95	190397	102.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	127961	89.337	ug/l	93
3) Chloromethane	2.21	50	79110	91.873	ug/l	100
4) Vinyl Chloride	2.35	62	98604	93.902	ug/l	93
5) Bromomethane	2.76	94	82548	96.185	ug/l	98
6) Chloroethane	2.92	64	67905	96.119	ug/l	95
7) Trichlorofluoromethane	3.27	101	309329	96.639	ug/l	100
8) Diethyl Ether	3.70	74	60643	101.085	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.09	101	127343	95.530	ug/l	97
10) Methyl Iodide	4.30	142	172274	116.551	ug/l	99
11) Tert butyl alcohol	5.22	59	46716	355.129	ug/l #	92
12) 1,1-Dichloroethene	4.07	96	124749	99.584	ug/l	91
13) Acrolein	3.92	56	29463	502.351	ug/l	93
14) Allyl chloride	4.71	41	146102	104.340	ug/l	100
15) Acrylonitrile	5.41	53	110886	515.420	ug/l	98
16) Acetone	4.16	43	140380	525.685	ug/l	97
17) Carbon Disulfide	4.41	76	356248	98.410	ug/l #	94
18) Methyl Acetate	4.71	43	43945	102.387	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	341172	104.379	ug/l	98
20) Methylene Chloride	4.96	84	129623	83.174	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	143618	100.233	ug/l	94
22) Diisopropyl ether	6.36	45	284525	101.384	ug/l	99
23) Vinyl Acetate	6.30	43	950974	527.077	ug/l	97
24) 1,1-Dichloroethane	6.26	63	218839	99.285	ug/l	99
25) 2-Butanone	7.21	43	139004	502.917	ug/l	99
26) 2,2-Dichloropropane	7.20	77	274096	98.142	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	157834	101.576	ug/l	97
28) Bromochloromethane	7.54	49	69262	108.617	ug/l #	97
29) Tetrahydrofuran	7.56	42	73709	518.767	ug/l	99
30) Chloroform	7.71	83	281771	99.003	ug/l	100
31) Cyclohexane	7.98	56	166298	87.325	ug/l #	91
32) 1,1,1-Trichloroethane	7.90	97	313608	98.940	ug/l	99
36) 1,1-Dichloropropene	8.11	75	200077	98.679	ug/l	98
37) Ethyl Acetate	7.29	43	60989	100.210	ug/l #	83
38) Carbon Tetrachloride	8.09	117	309660	100.255	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	236508	99.841	ug/l	97
40) Benzene	8.35	78	513759	98.228	ug/l	92
41) Methacrylonitrile	7.55	41	93305	269.262	ug/l #	7
42) 1,2-Dichloroethane	8.42	62	222257	100.448	ug/l	100
43) Isopropyl Acetate	8.45	43	133411	104.642	ug/l	98
44) Trichloroethene	9.11	130	176300	97.659	ug/l	95
45) 1,2-Dichloropropane	9.38	63	104545	100.741	ug/l	96
46) Dibromomethane	9.47	93	75583	99.484	ug/l	93
47) Bromodichloromethane	9.66	83	226638	100.368	ug/l	96
48) Methyl methacrylate	9.46	41	65777	101.238	ug/l	95
49) 1,4-Dioxane	9.46	88	17474	1966.700	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	303887	518.363	ug/l	100
52) Toluene	10.40	92	369101	99.213	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	208169	100.904	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	220766	101.575	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	96521	100.540	ug/l	97
56) Ethyl methacrylate	10.66	69	116473	103.090	ug/l	98
57) 1,3-Dichloropropane	10.94	76	162457	102.470	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	212192	481.123	ug/l	100
59) 2-Hexanone	10.98	43	220620	521.069	ug/l	98
60) Dibromochloromethane	11.14	129	160071	100.832	ug/l	99
61) 1,2-Dibromoethane	11.24	107	97107	99.232	ug/l	98
64) Tetrachloroethene	10.87	164	158556	96.121	ug/l	96
65) Chlorobenzene	11.67	112	411034	98.748	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	172923	98.187	ug/l	98
67) Ethyl Benzene	11.74	91	731630	99.781	ug/l	95
68) m/p-Xylenes	11.86	106	573035	201.990	ug/l	99
69) o-Xylene	12.18	106	262787	97.789	ug/l	99
70) Styrene	12.20	104	455511	99.008	ug/l	99
71) Bromoform	12.36	173	95838	99.212	ug/l #	88
73) Isopropylbenzene	12.48	105	746855	100.650	ug/l	100
74) N-amyl acetate	12.29	43	119923	107.182	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	86382	98.515	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	147669	210.536	ug/l #	1
77) Bromobenzene	12.76	156	189843	100.818	ug/l	99
78) n-propylbenzene	12.82	91	805061	99.564	ug/l	99
79) 2-Chlorotoluene	12.91	91	476176	101.779	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	653916	101.362	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	34375	109.581	ug/l	98
82) 4-Chlorotoluene	13.01	91	509563	101.401	ug/l	99
83) tert-Butylbenzene	13.23	119	578162	102.176	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	648830	100.558	ug/l	97
85) sec-Butylbenzene	13.40	105	713036	99.469	ug/l	99
86) p-Isopropyltoluene	13.52	119	719689	100.447	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	350742	100.431	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	349234	98.849	ug/l	99
89) n-Butylbenzene	13.85	91	601884	100.290	ug/l	98
90) Hexachloroethane	14.11	117	129826	100.972	ug/l	95
91) 1,2-Dichlorobenzene	13.89	146	304375	100.200	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	23604	101.788	ug/l	96

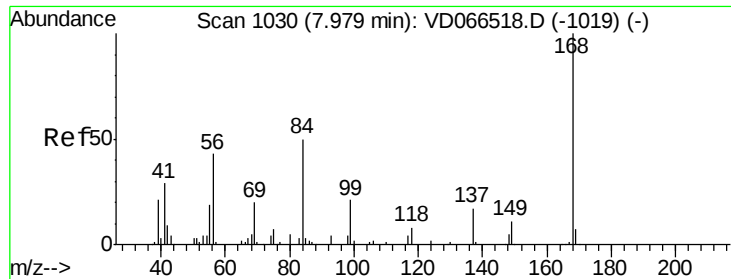
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD090220\
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Operator : VA/SY
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	247011	103.023	ug/l	99
94) Hexachlorobutadiene	15.27	225	157908	101.597	ug/l	99
95) Naphthalene	15.41	128	396715	106.443	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	211240	101.963	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

ClientSampleId :

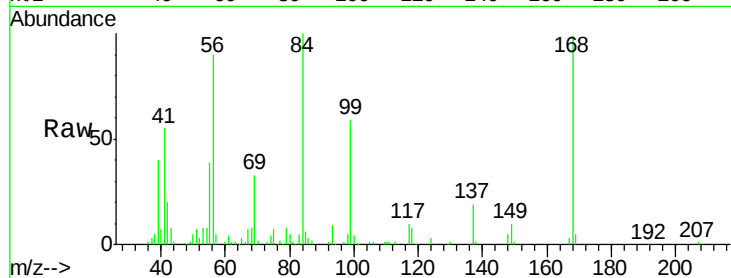
VSTDIC100

Tgt Ion:168 Resp: 167899

Ion Ratio Lower Upper

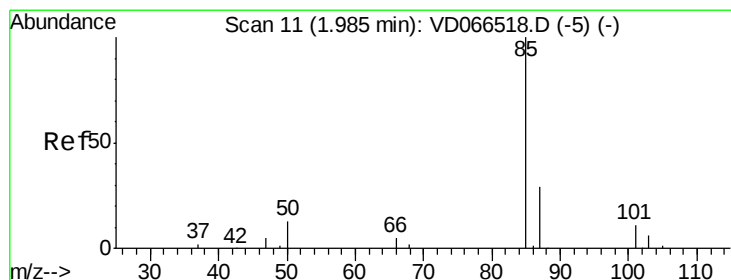
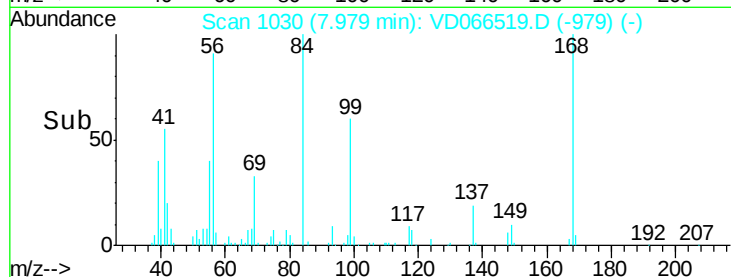
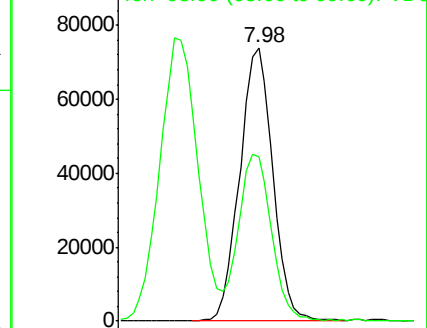
168 100

99 59.5 45.1 67.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 89.337 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066519.D

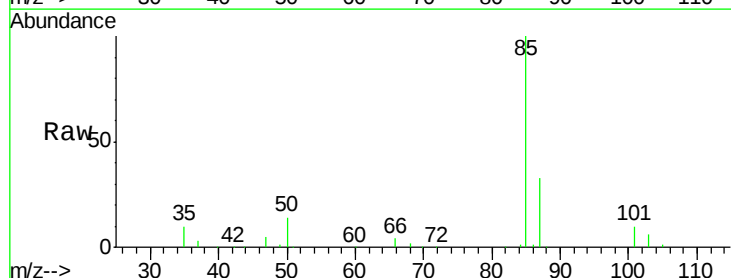
Acq: 02 Sep 2020 13:10

Tgt Ion: 85 Resp: 127961

Ion Ratio Lower Upper

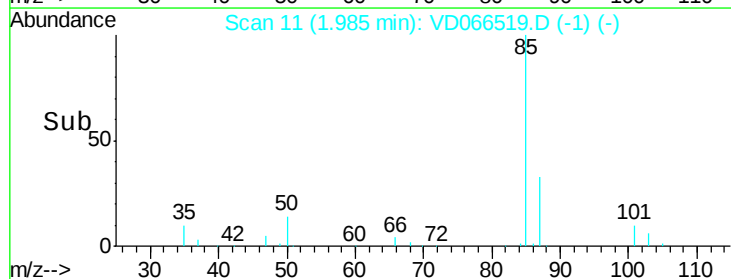
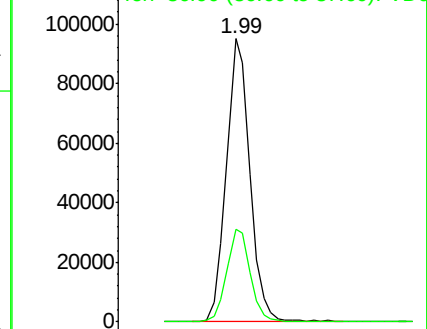
85 100

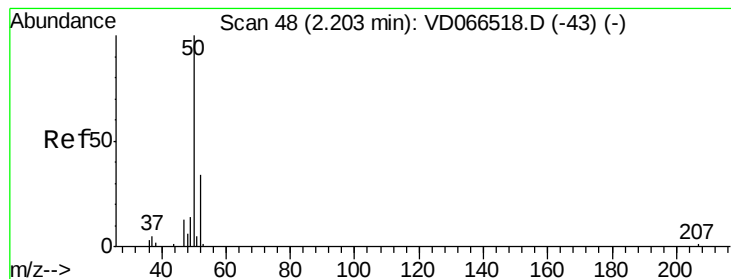
87 32.9 14.6 44.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 91.873 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

ClientSampleId :

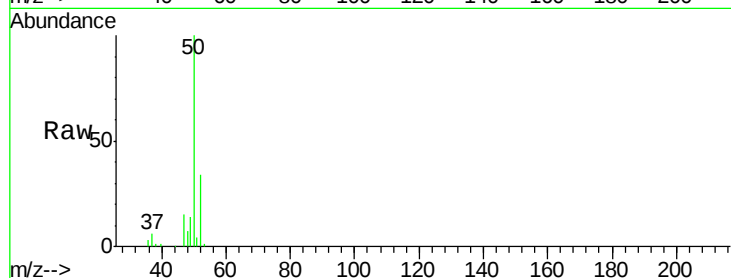
VSTDIC100

Tgt Ion: 50 Resp: 79110

Ion Ratio Lower Upper

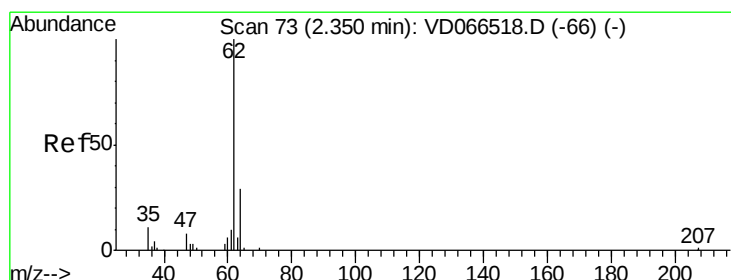
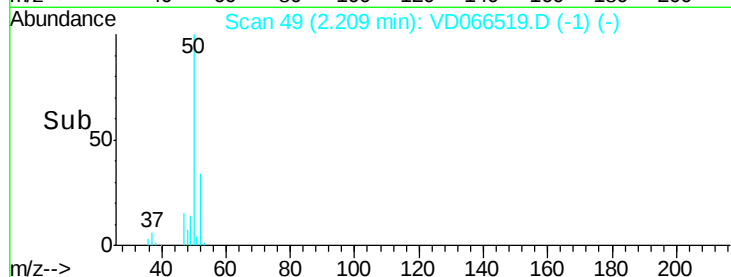
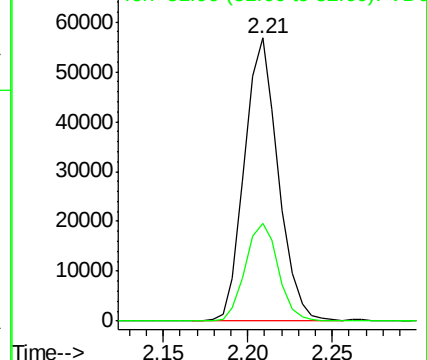
50 100

52 34.4 27.6 41.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 93.902 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066519.D

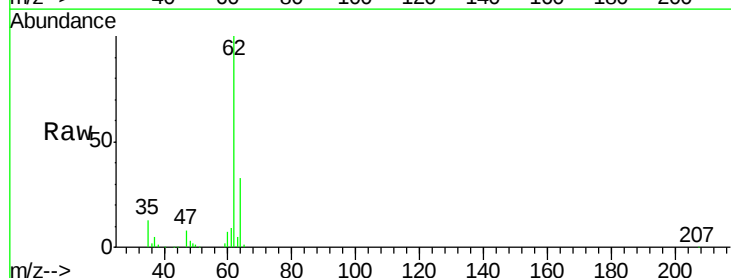
Acq: 02 Sep 2020 13:10

Tgt Ion: 62 Resp: 98604

Ion Ratio Lower Upper

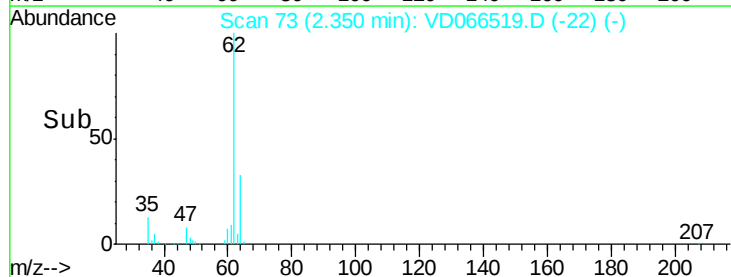
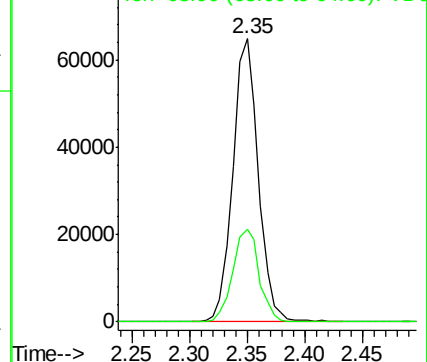
62 100

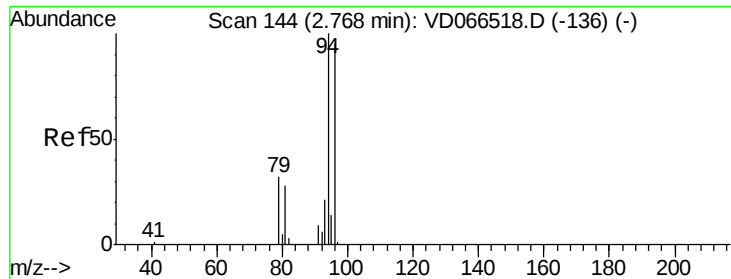
64 32.9 23.4 35.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 96.185 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

ClientSampleId :

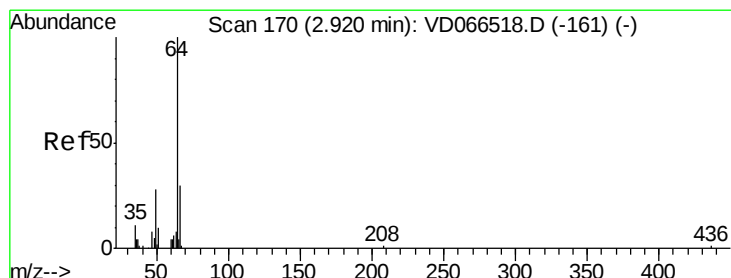
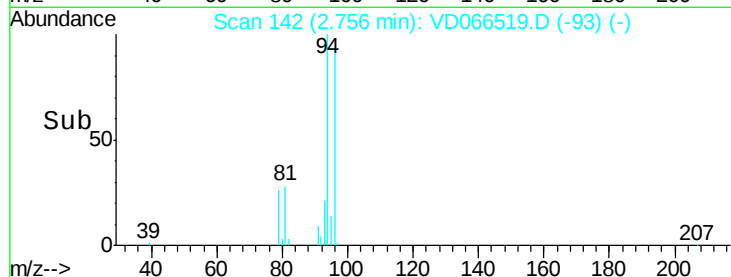
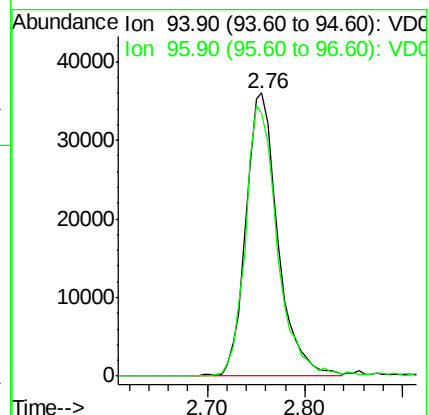
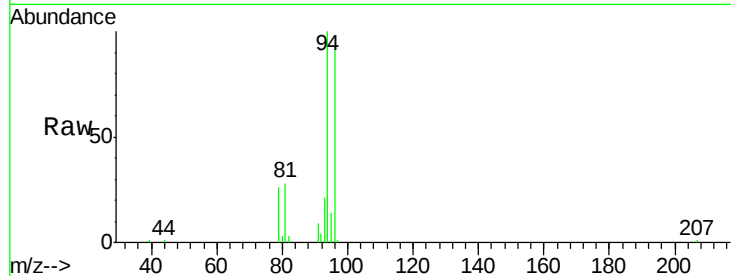
VSTDIC100

Tgt Ion: 94 Resp: 82548

Ion Ratio Lower Upper

94 100

96 92.7 75.8 113.8



#6

Chloroethane

Concen: 96.119 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066519.D

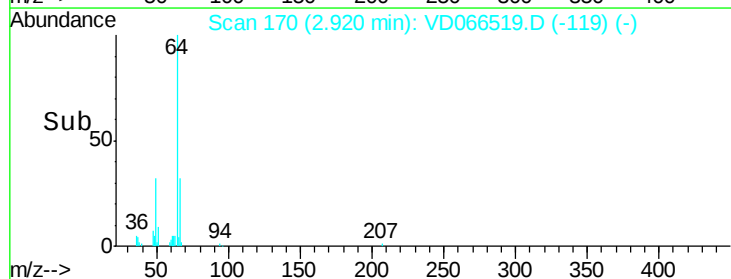
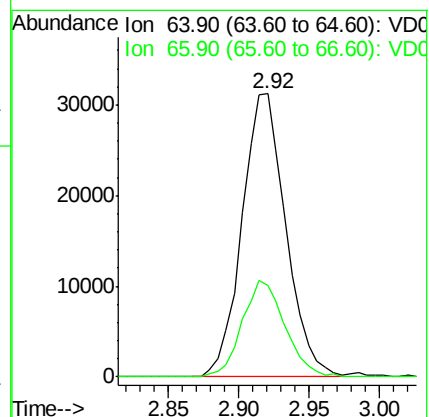
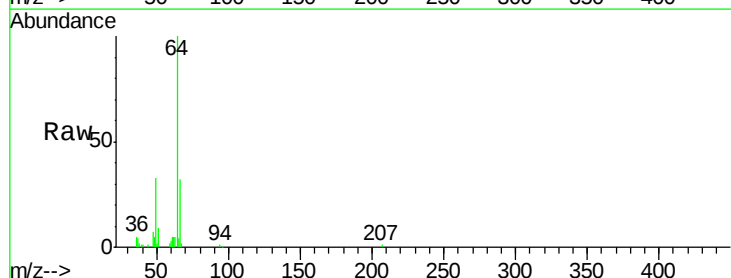
Acq: 02 Sep 2020 13:10

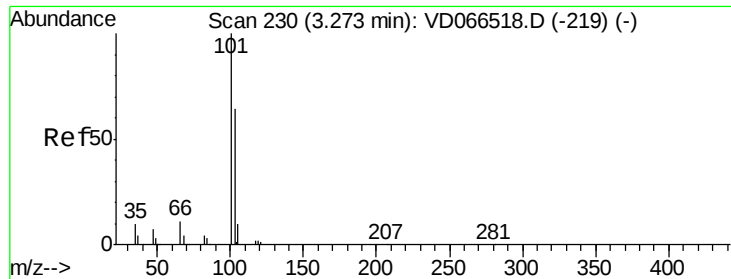
Tgt Ion: 64 Resp: 67905

Ion Ratio Lower Upper

64 100

66 32.3 23.7 35.5



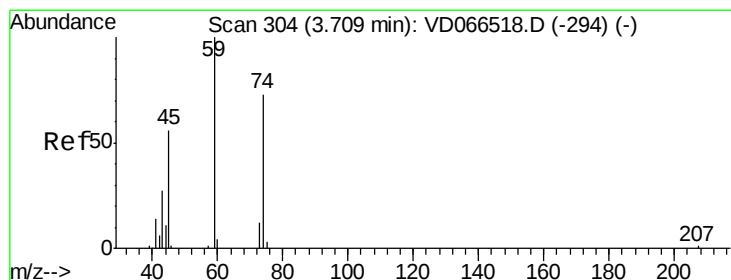
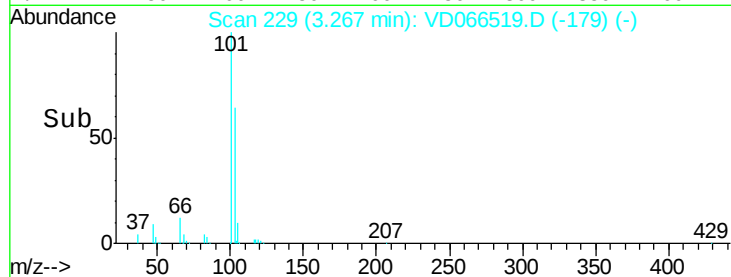
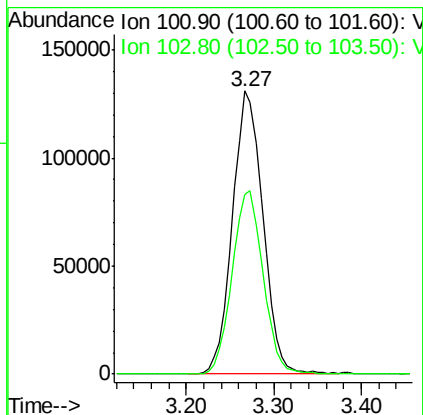
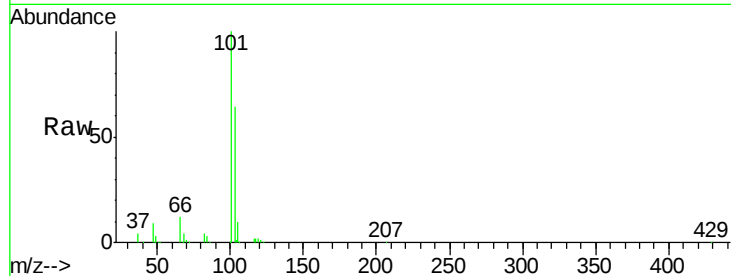


#7

Trichlorofluoromethane
 Concen: 96.639 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

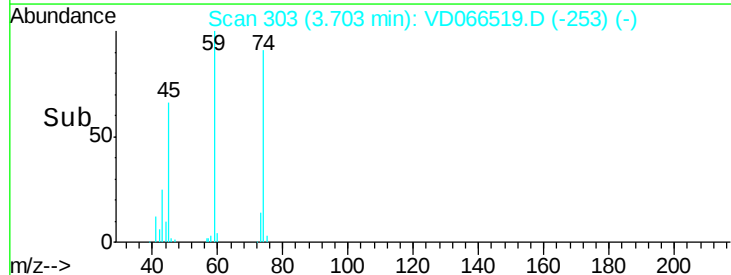
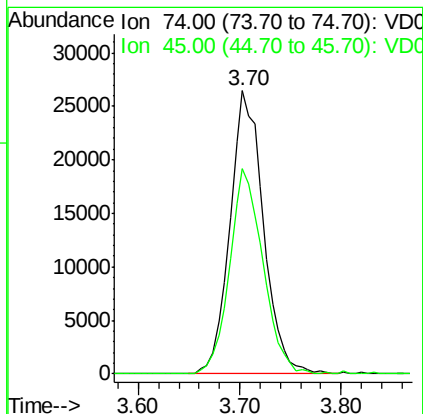
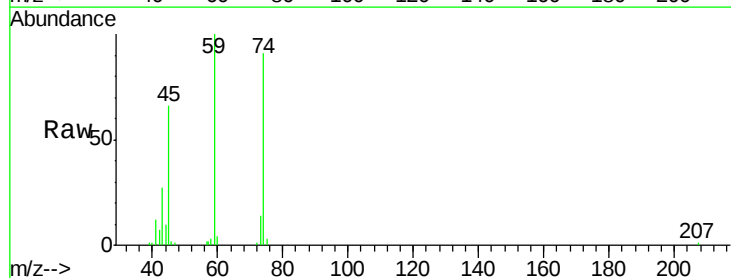
Tgt Ion: 101 Resp: 309329
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.9 76.3

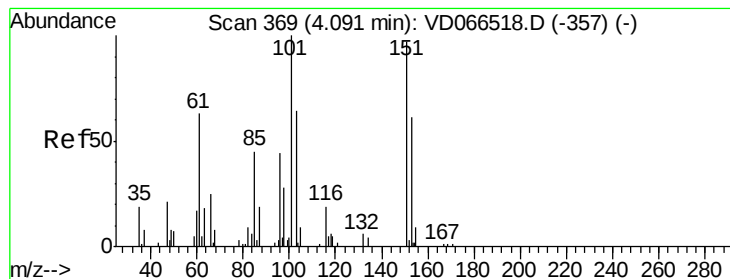


#8

Diethyl Ether
 Concen: 101.085 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Tgt Ion: 74 Resp: 60643
 Ion Ratio Lower Upper
 74 100
 45 71.9 38.6 115.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 95.530 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

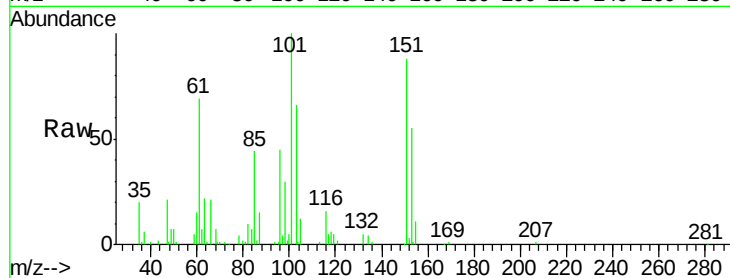
Tgt Ion:101 Resp: 127343

Ion Ratio Lower Upper

101 100

85 46.8 39.4 59.0

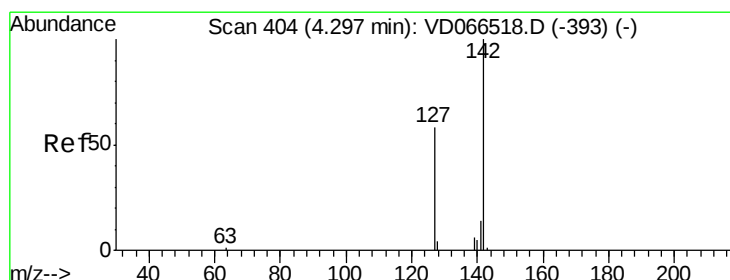
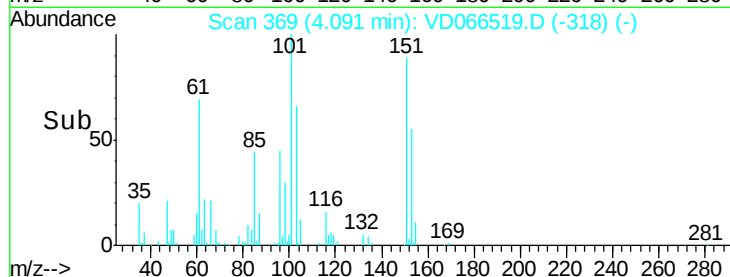
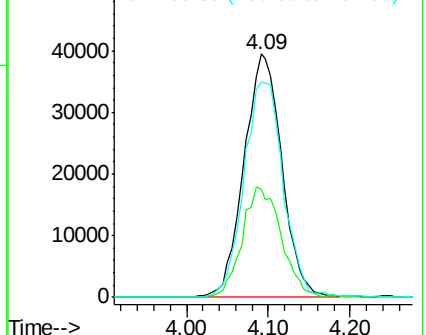
151 92.0 75.5 113.3



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: 116.551 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

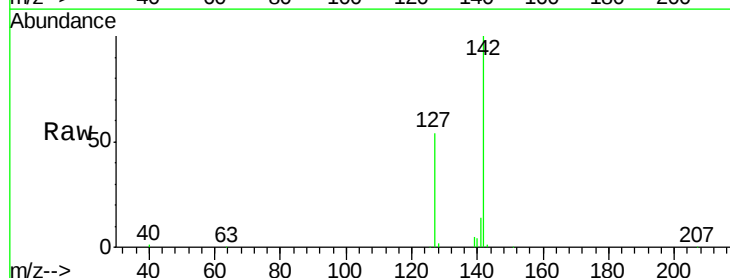
Tgt Ion:142 Resp: 172274

Ion Ratio Lower Upper

142 100

127 56.8 46.3 69.5

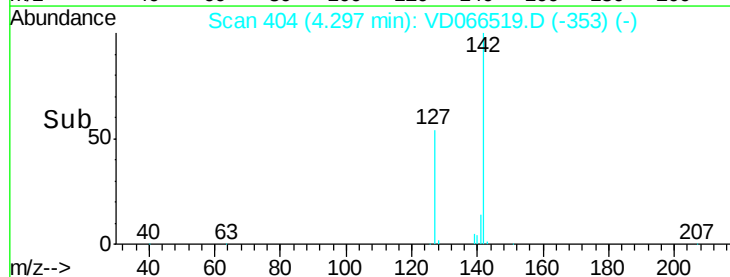
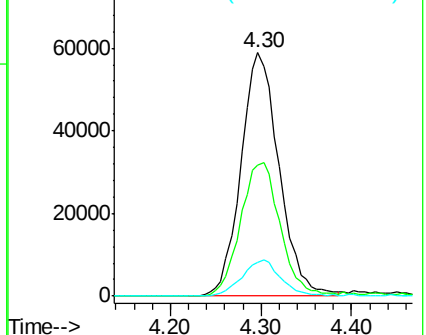
141 15.0 12.4 18.6

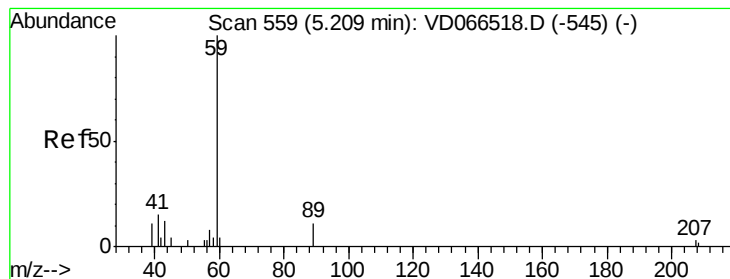


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 355.129 ug/l

RT: 5.22 min Scan# 561

Delta R.T. 0.01 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

ClientSampleId :

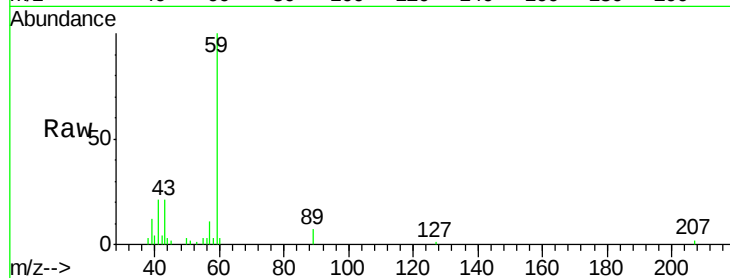
VSTDIC100

Tgt Ion: 59 Resp: 46716

Ion Ratio Lower Upper

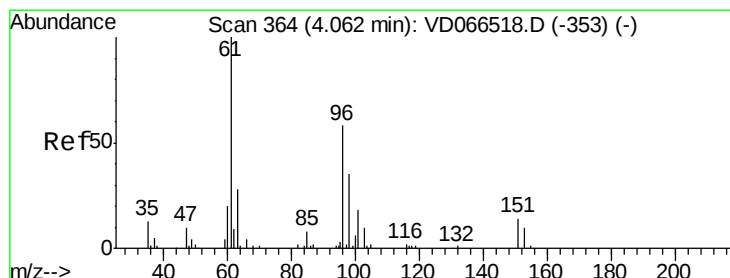
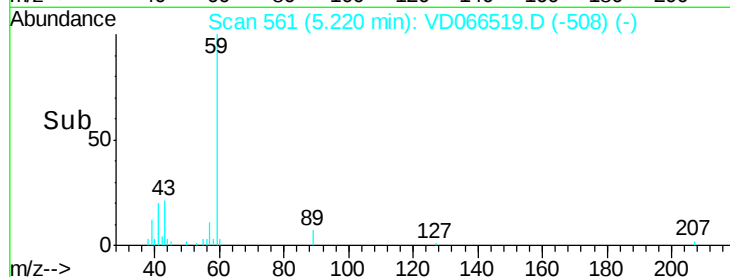
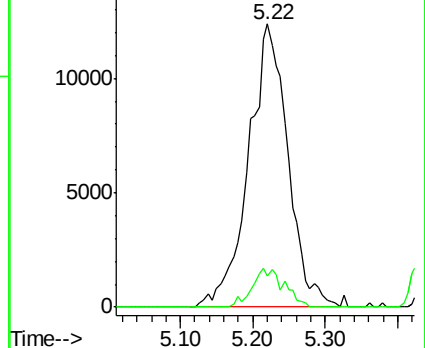
59 100

57 11.2 6.8 10.2#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 99.584 ug/l

RT: 4.07 min Scan# 365

Delta R.T. 0.01 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

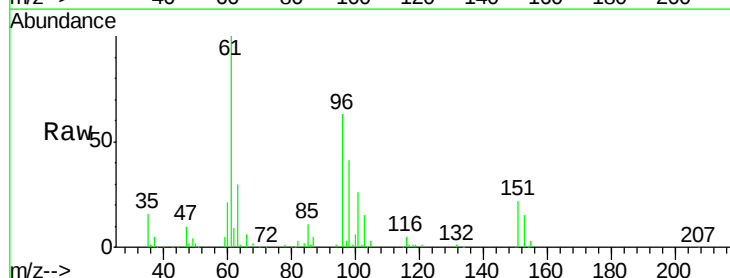
Tgt Ion: 96 Resp: 124749

Ion Ratio Lower Upper

96 100

61 159.0 137.5 206.3

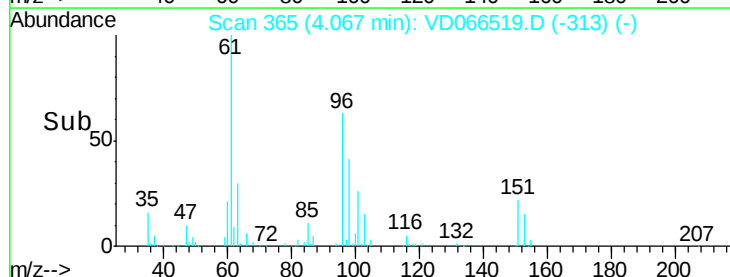
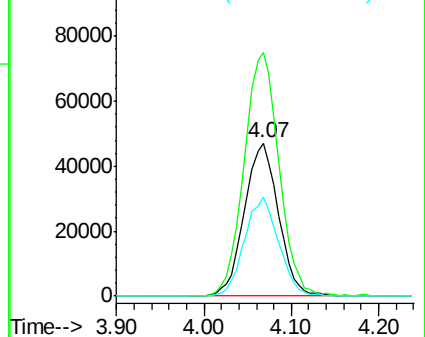
98 64.8 47.8 71.6

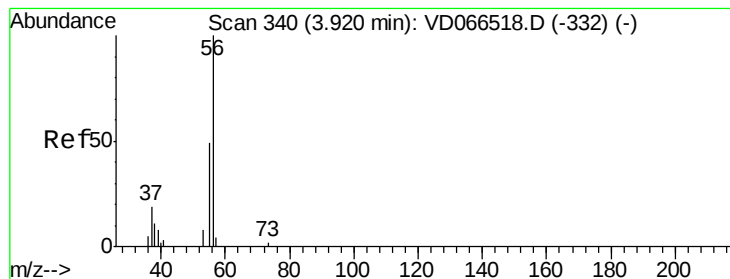


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 502.351 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

ClientSampleId :

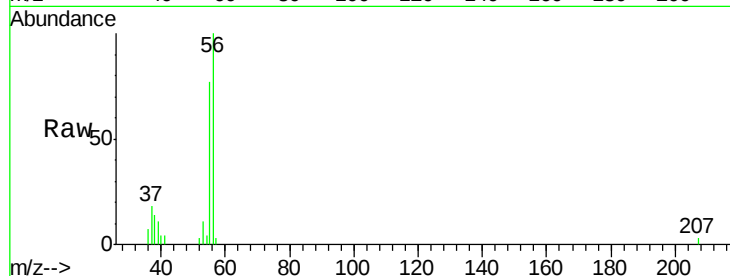
VSTDIC100

Tgt Ion: 56 Resp: 29463

Ion Ratio Lower Upper

56 100

55 71.8 53.0 79.4



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.92

12000

10000

8000

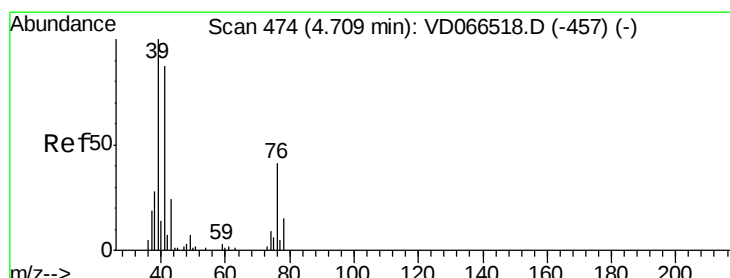
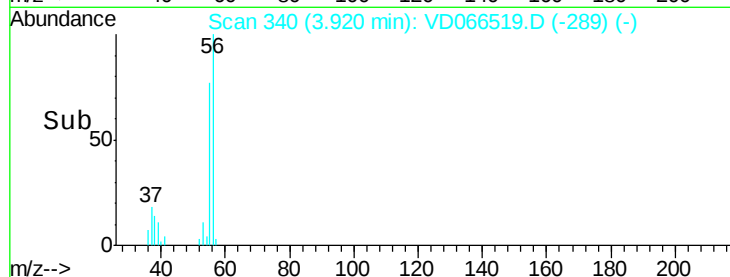
6000

4000

2000

0

Time--> 3.80 3.90 4.00



#14

Allyl chloride

Concen: 104.340 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

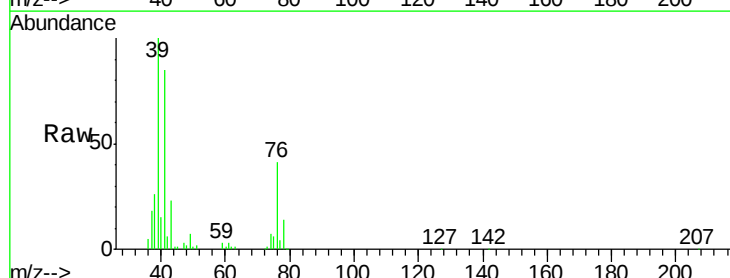
Tgt Ion: 41 Resp: 146102

Ion Ratio Lower Upper

41 100

39 116.9 93.8 140.8

76 49.0 39.4 59.0



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

4.71

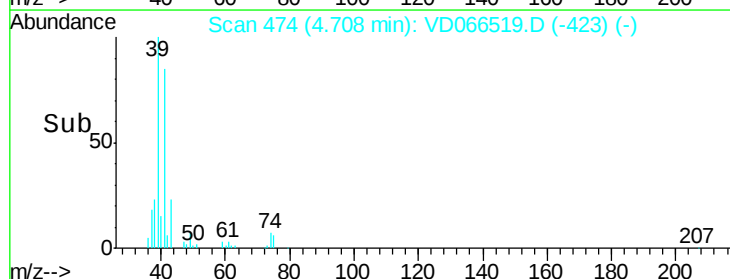
60000

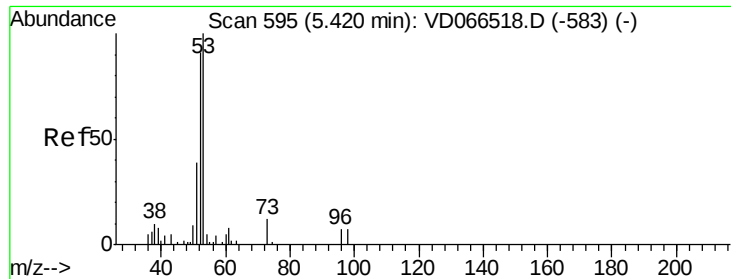
40000

20000

0

Time--> 4.50 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 515.420 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

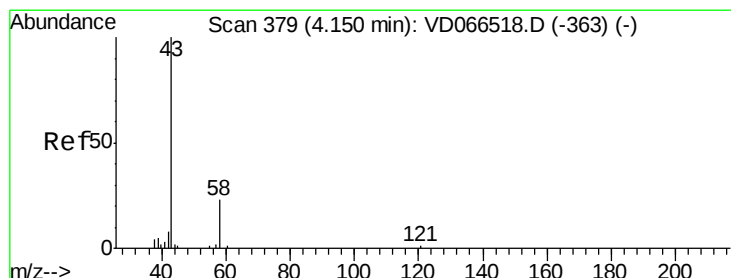
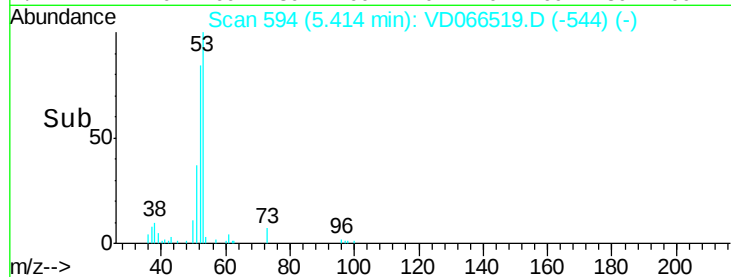
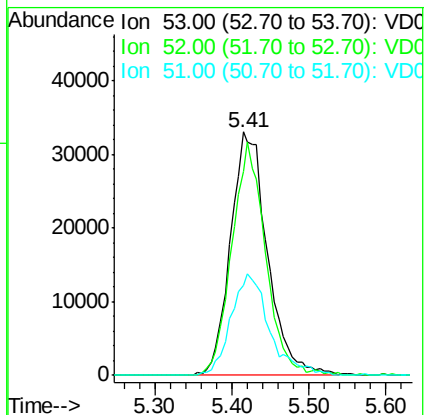
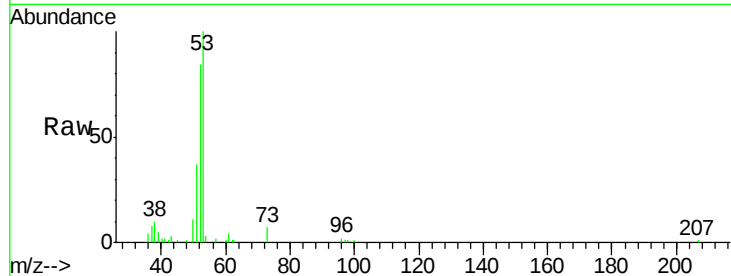
Tgt Ion: 53 Resp: 110886

Ion Ratio Lower Upper

53 100

52 86.9 71.0 106.4

51 43.3 35.8 53.6



#16

Acetone

Concen: 525.685 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066519.D

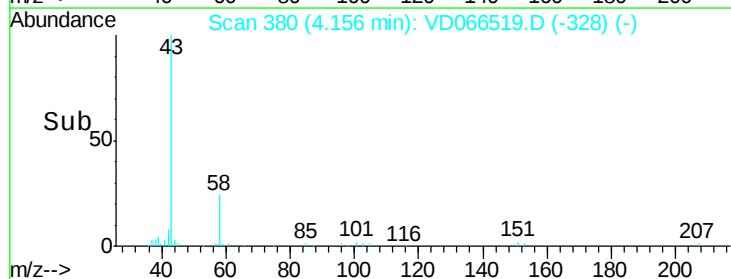
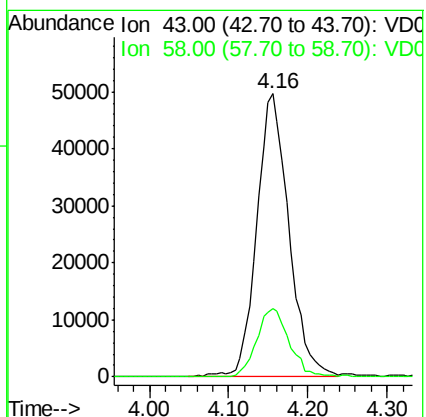
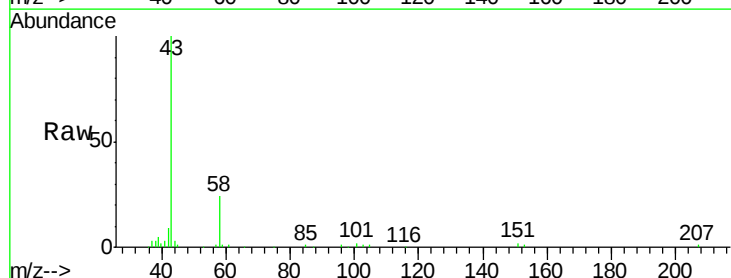
Acq: 02 Sep 2020 13:10

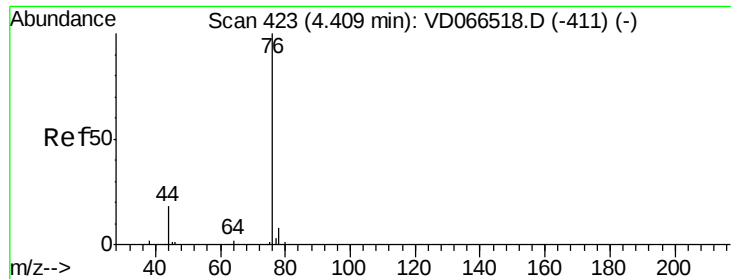
Tgt Ion: 43 Resp: 140380

Ion Ratio Lower Upper

43 100

58 24.0 18.1 27.1

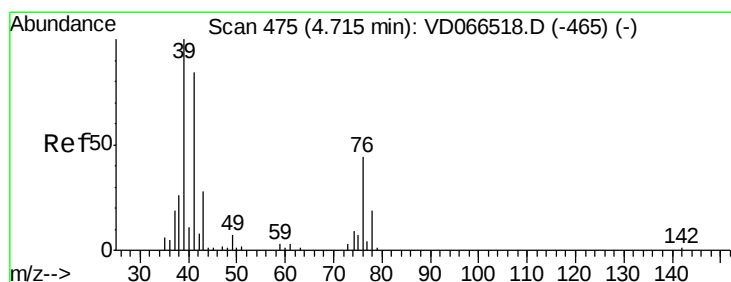
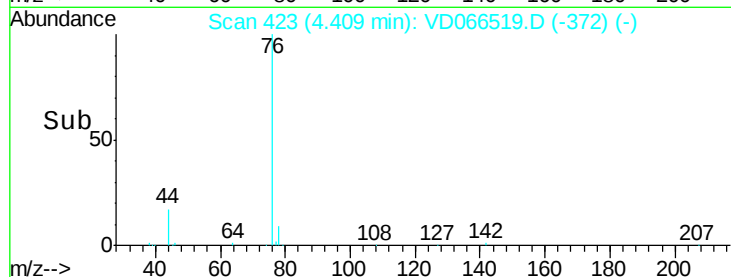
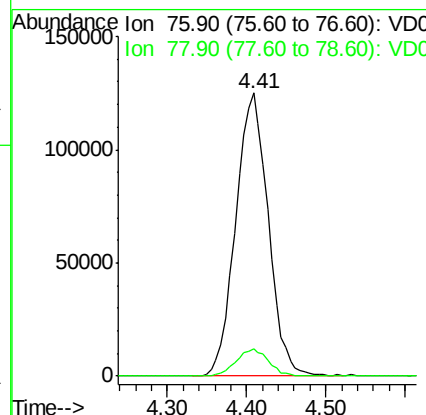
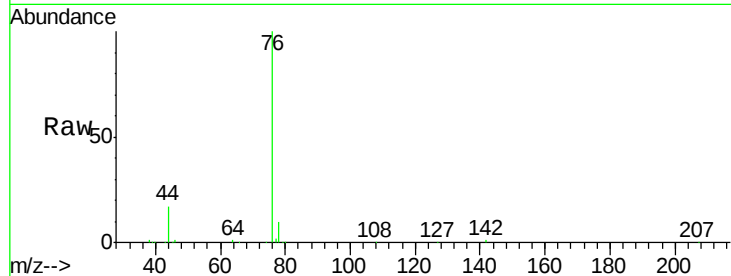




#17
Carbon Disulfide
Concen: 98.410 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

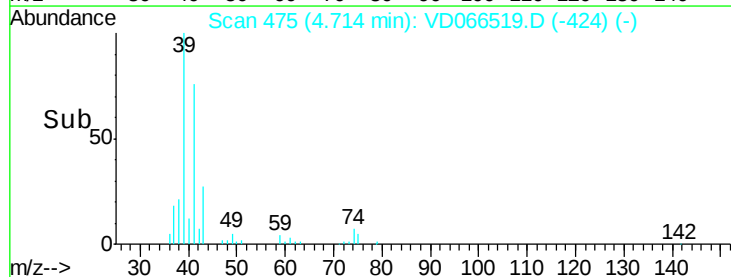
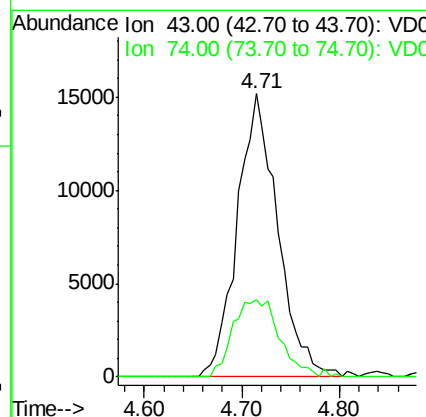
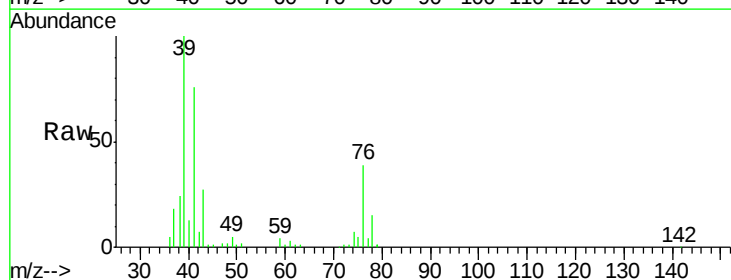
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

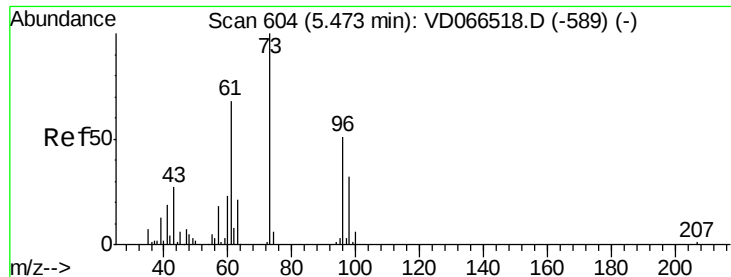
Tgt Ion: 76 Resp: 356248
Ion Ratio Lower Upper
76 100
78 9.7 6.2 9.4#



#18
Methyl Acetate
Concen: 102.387 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Tgt Ion: 43 Resp: 43945
Ion Ratio Lower Upper
43 100
74 31.1 26.3 39.5



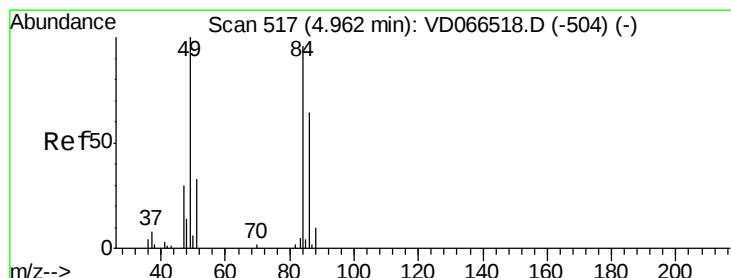
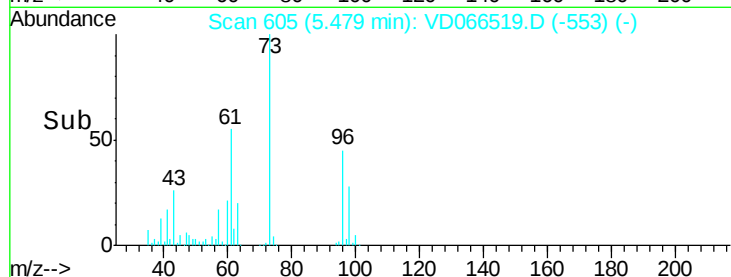
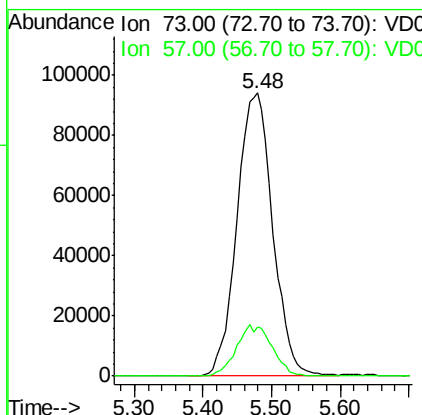
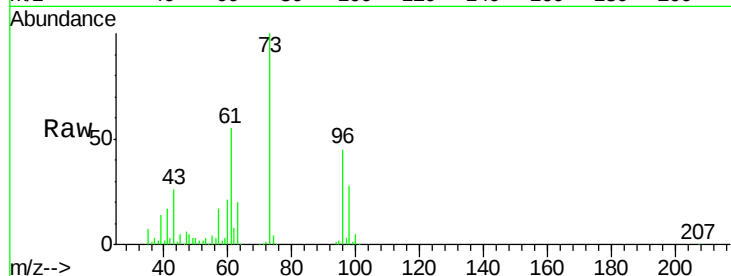


#19

Methyl tert-butyl Ether
 Concen: 104.379 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

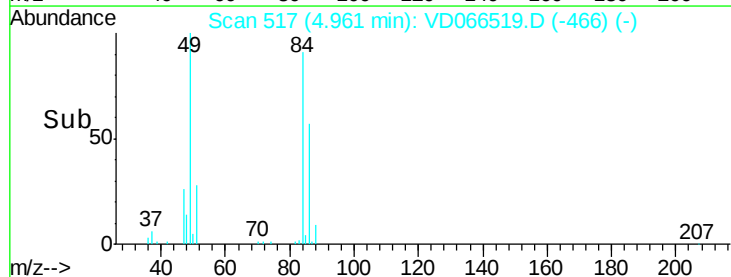
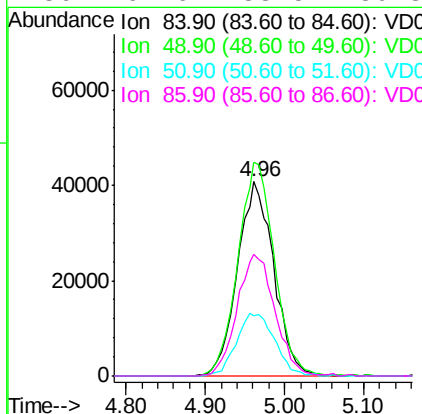
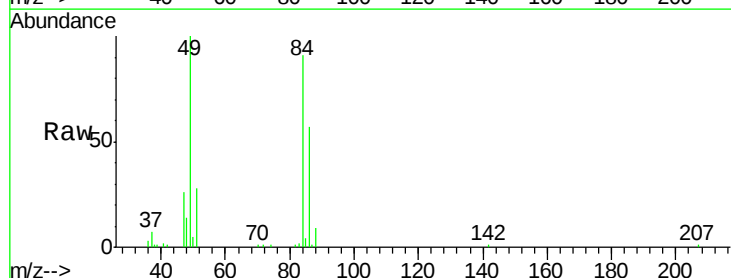
Tgt Ion: 73 Resp: 341172
 Ion Ratio Lower Upper
 73 100
 57 17.2 14.6 22.0

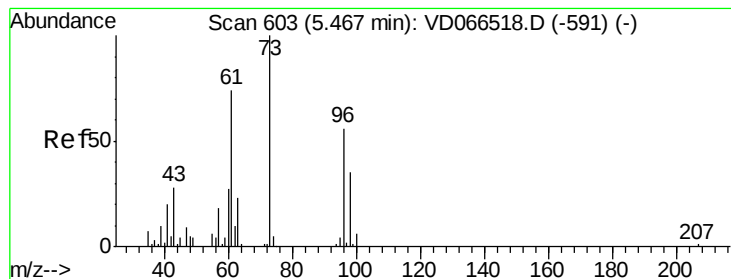


#20

Methylene Chloride
 Concen: 83.174 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Tgt Ion: 84 Resp: 129623
 Ion Ratio Lower Upper
 84 100
 49 109.8 83.5 125.3
 51 31.1 27.8 41.8
 86 62.6 53.5 80.3





#21

trans-1,2-Dichloroethene

Concen: 100.233 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

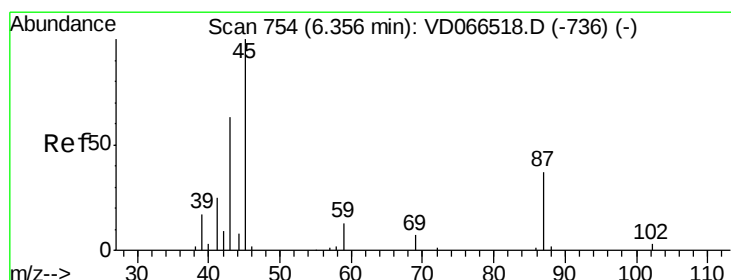
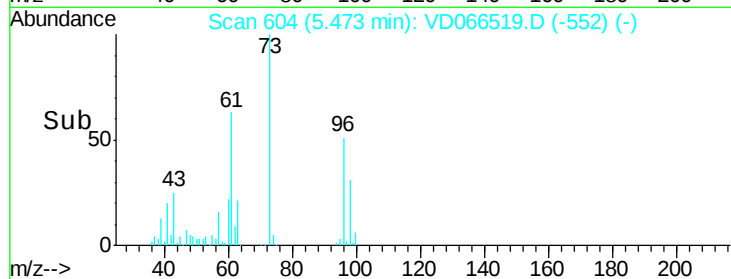
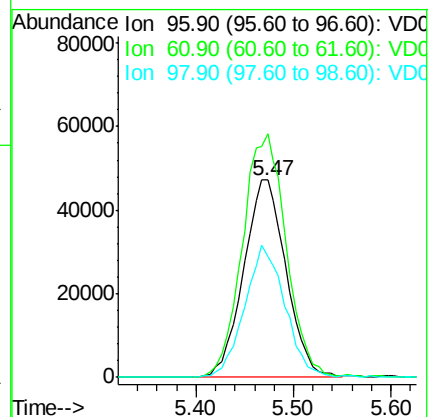
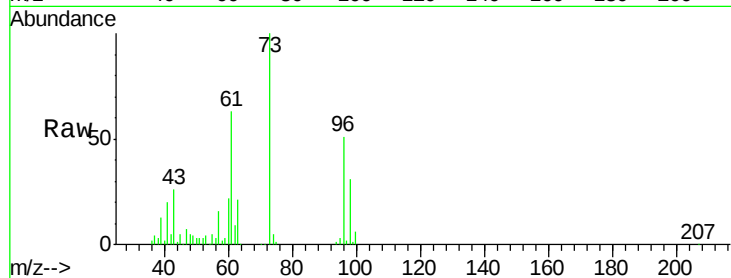
Tgt Ion: 96 Resp: 143618

Ion Ratio Lower Upper

96 100

61 123.5 106.6 160.0

98 61.4 50.6 76.0



#22

Diisopropyl ether

Concen: 101.384 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Tgt Ion: 45 Resp: 284525

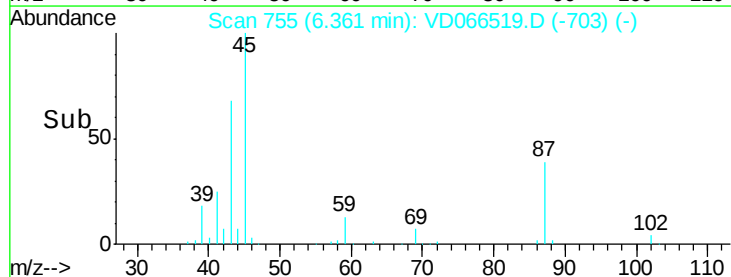
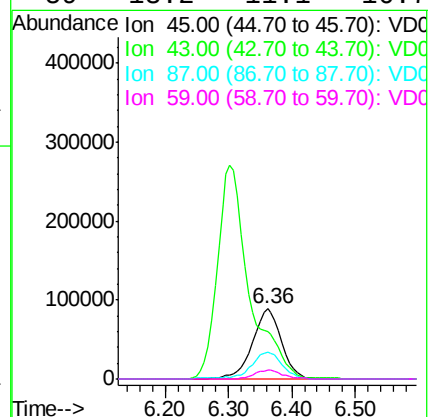
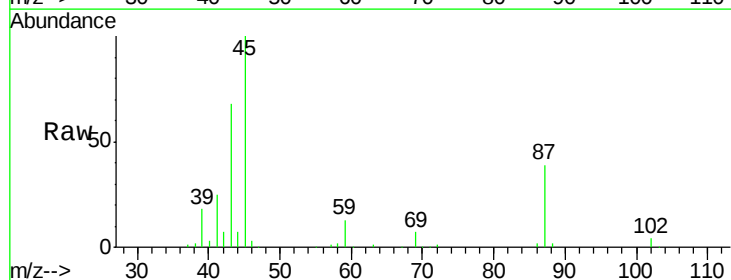
Ion Ratio Lower Upper

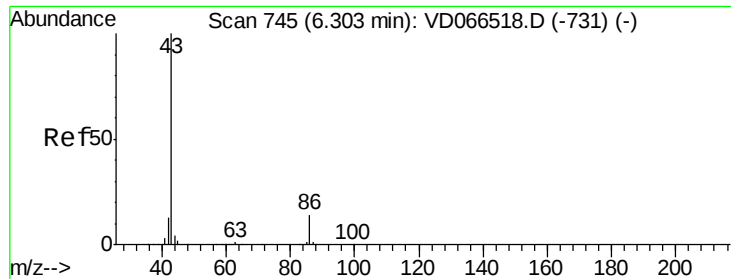
45 100

43 67.6 53.4 80.0

87 38.5 30.2 45.4

59 13.2 11.1 16.7





#23

Vinyl Acetate

Concen: 527.077 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

ClientSampleId :

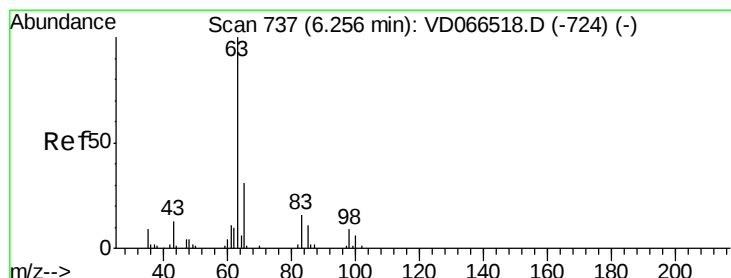
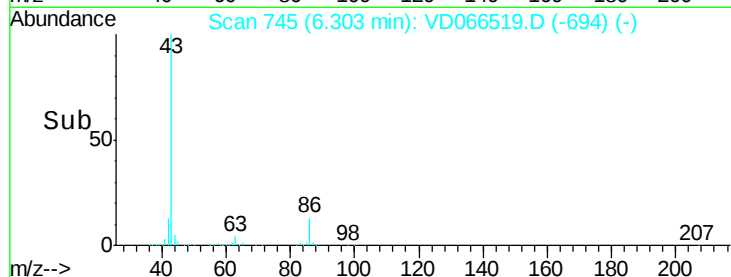
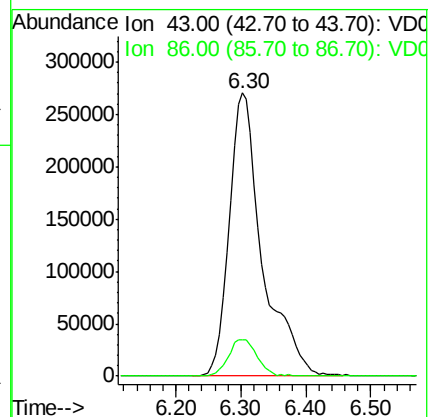
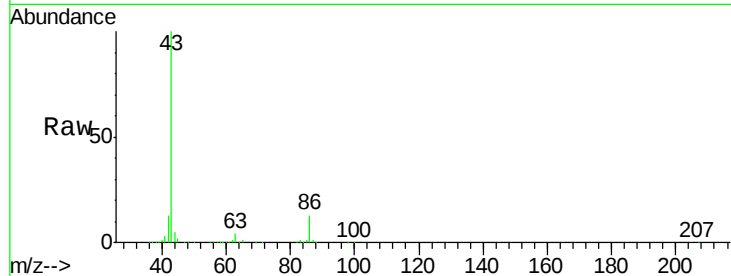
VSTDIC100

Tgt Ion: 43 Resp: 950974

Ion Ratio Lower Upper

43 100

86 13.0 11.3 16.9



#24

1,1-Dichloroethane

Concen: 99.285 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.01 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

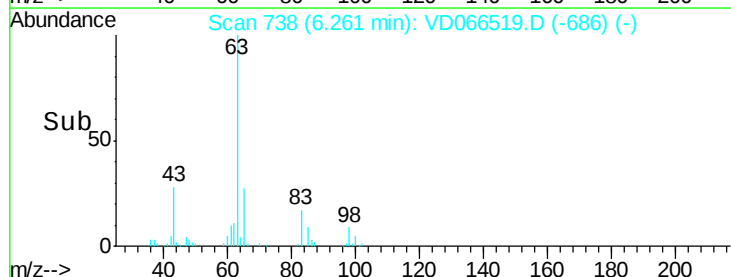
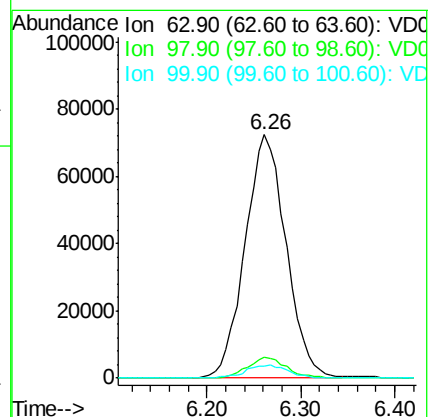
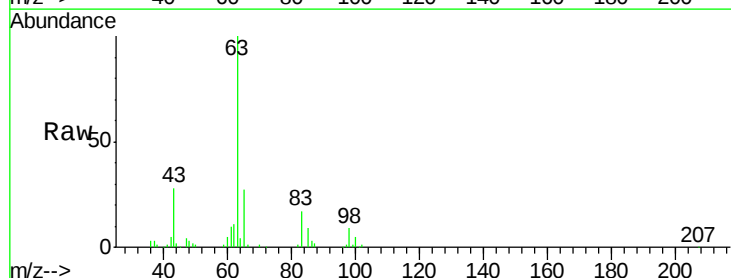
Tgt Ion: 63 Resp: 218839

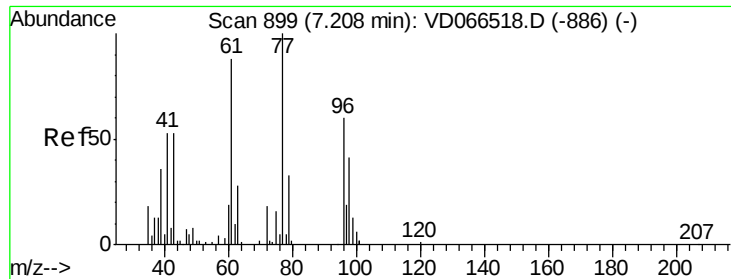
Ion Ratio Lower Upper

63 100

98 8.6 4.3 13.1

100 4.7 2.9 8.7

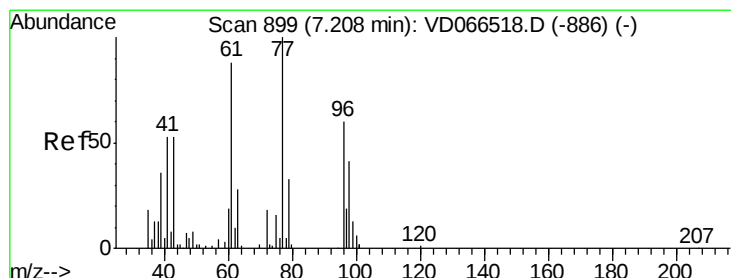
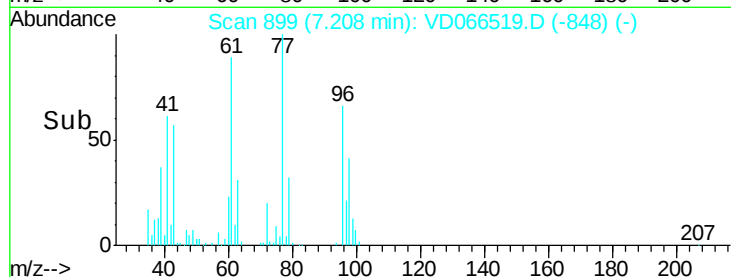
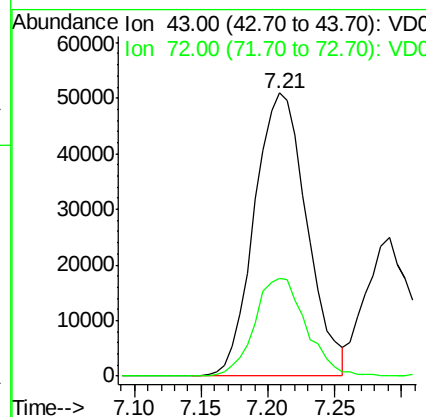
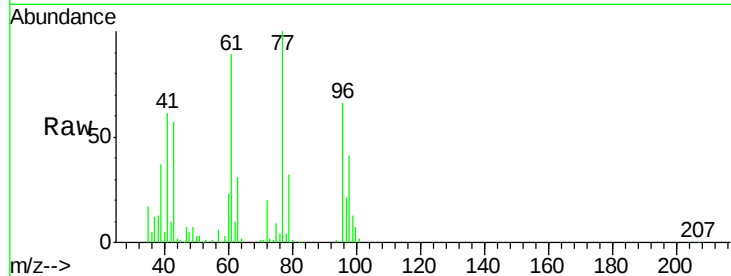




#25
2-Butanone
Concen: 502.917 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

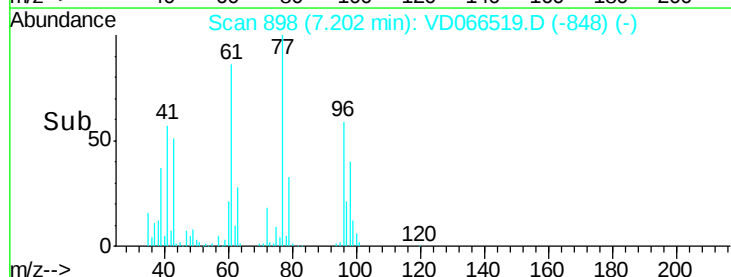
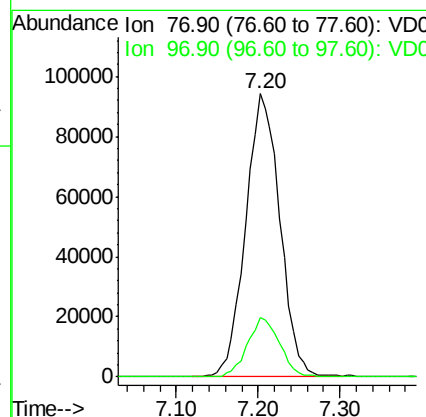
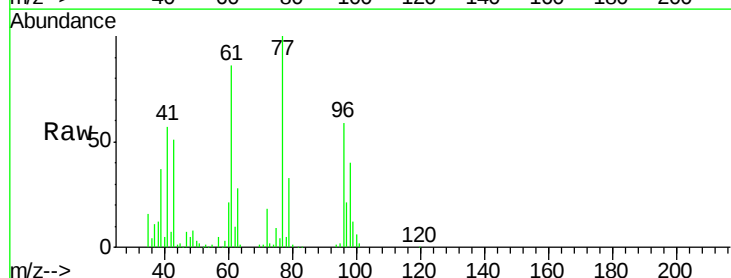
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

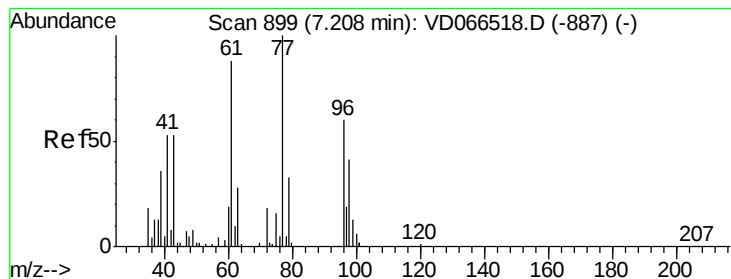
Tgt Ion: 43 Resp: 139004
Ion Ratio Lower Upper
43 100
72 34.3 26.8 40.2



#26
2,2-Dichloropropane
Concen: 98.142 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Tgt Ion: 77 Resp: 274096
Ion Ratio Lower Upper
77 100
97 19.8 10.2 30.4



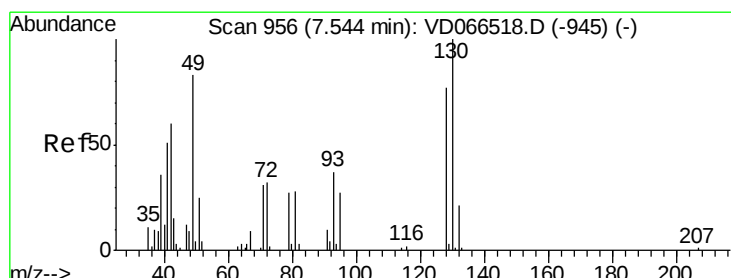
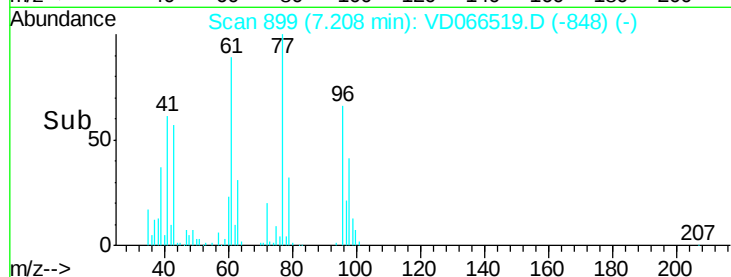
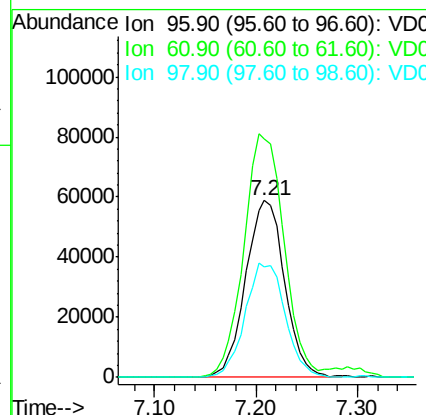
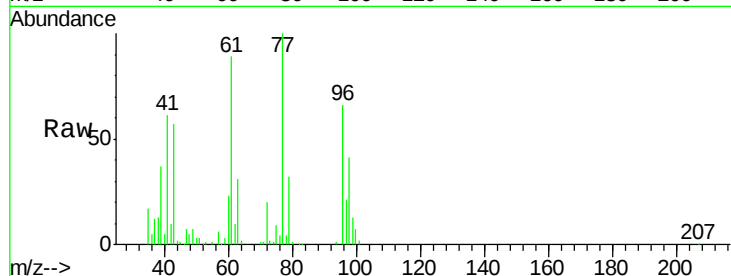


#27

cis-1,2-Dichloroethene
Concen: 101.576 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Instrument :
MSVOA_D
ClientSampled :
VSTDIC100

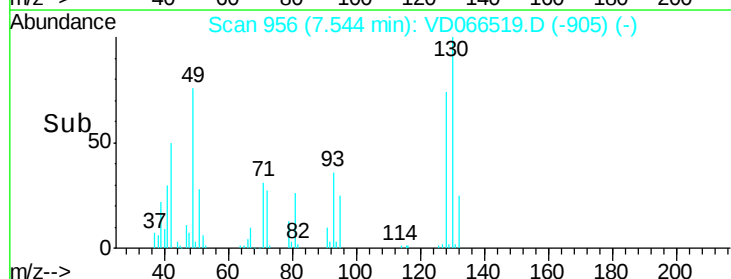
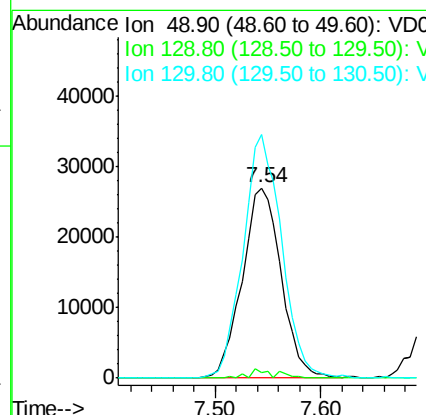
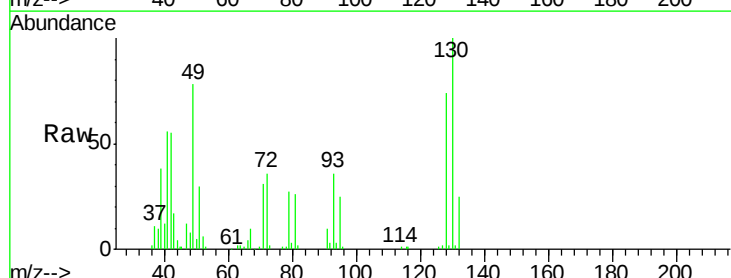
Tgt Ion: 96 Resp: 157834
Ion Ratio Lower Upper
96 100
61 142.2 0.0 292.8
98 66.1 0.0 130.2

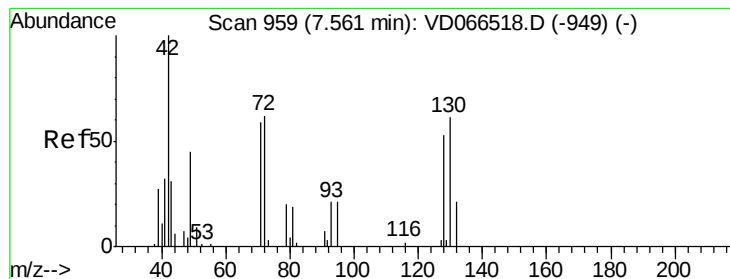


#28

Bromochloromethane
Concen: 108.617 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Tgt Ion: 49 Resp: 69262
Ion Ratio Lower Upper
49 100
129 1.9 0.0 1.2#
130 126.2 98.0 147.0





#29

Tetrahydrofuran

Concen: 518.767 ug/l

RT: 7.56 min Scan# 959

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

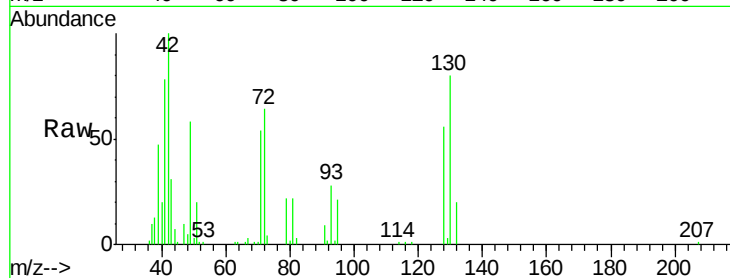
Tgt Ion: 42 Resp: 73709

Ion Ratio Lower Upper

42 100

72 61.3 48.6 72.8

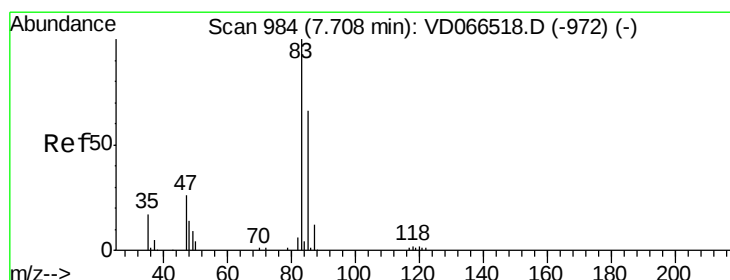
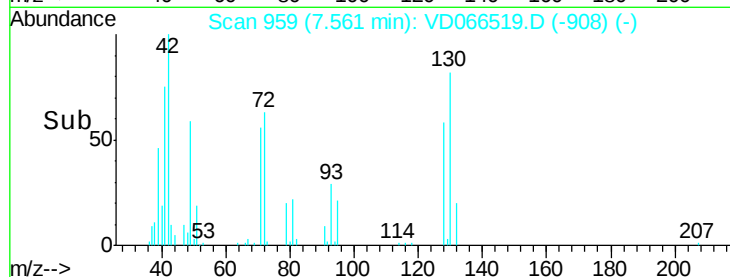
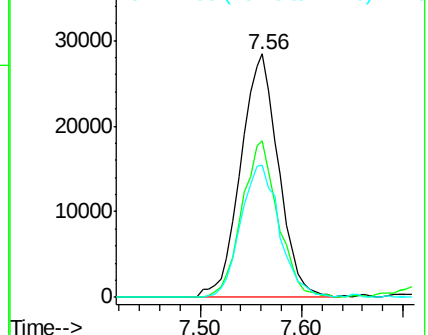
71 55.4 43.2 64.8



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 99.003 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.00 min

Lab File: VD066519.D

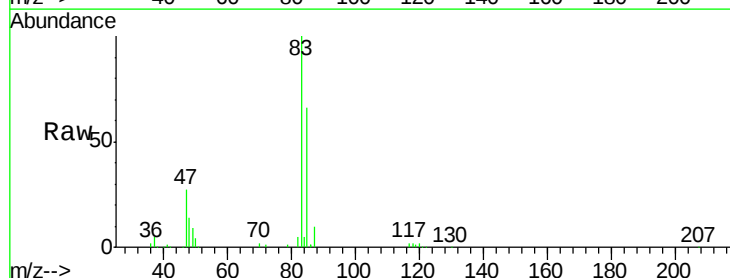
Acq: 02 Sep 2020 13:10

Tgt Ion: 83 Resp: 281771

Ion Ratio Lower Upper

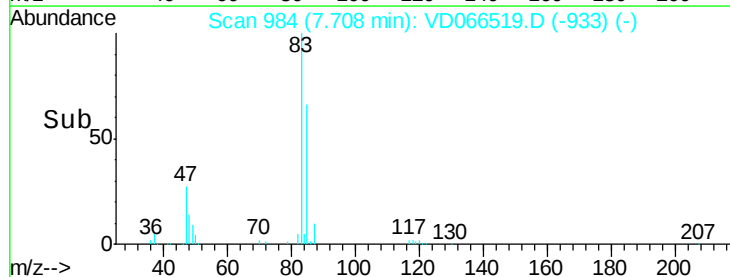
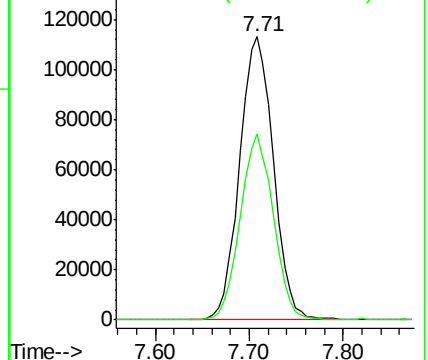
83 100

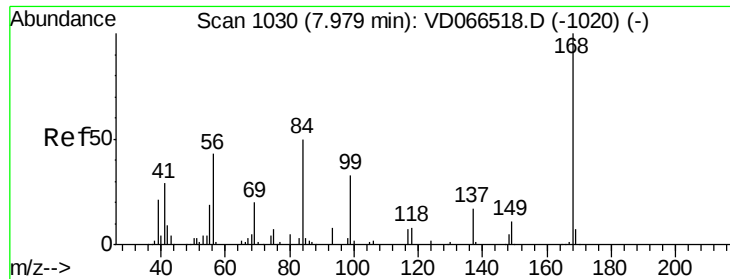
85 65.8 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

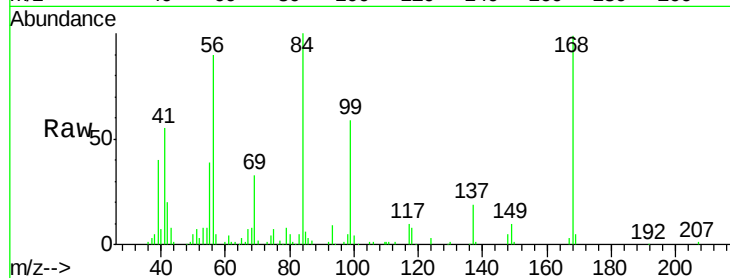




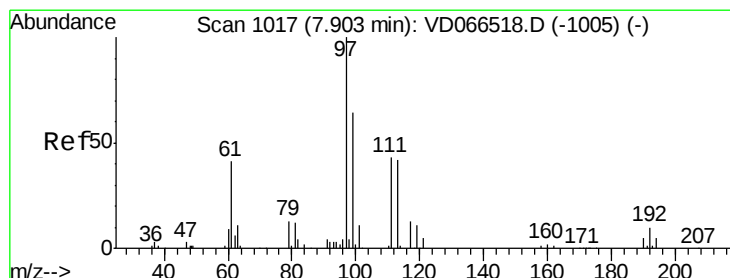
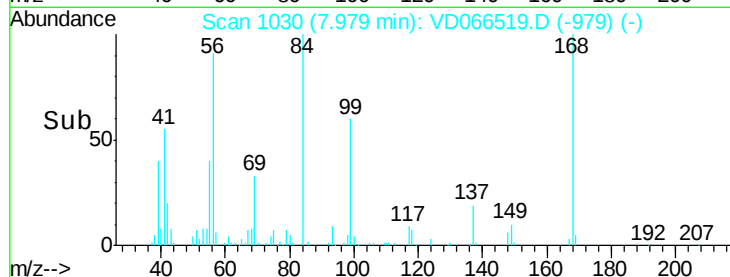
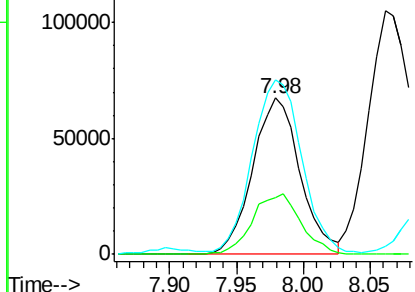
#31
Cyclohexane
Concen: 87.325 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 56 Resp: 166298
Ion Ratio Lower Upper
56 100
69 36.3 36.8 55.2#
84 109.0 93.4 140.0

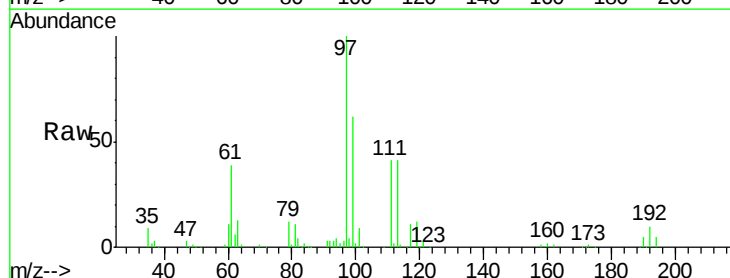


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

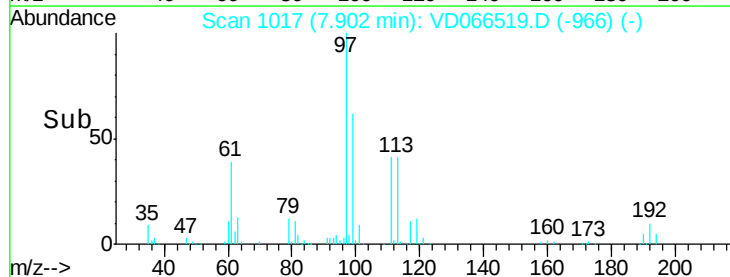
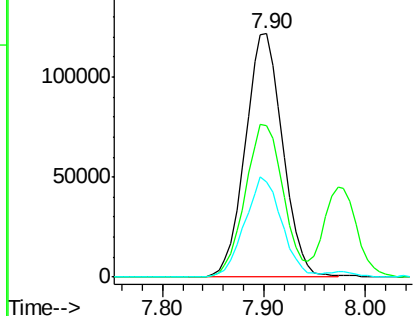


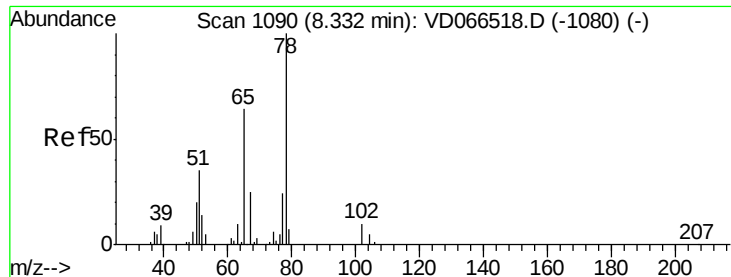
#32
1,1,1-Trichloroethane
Concen: 98.940 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Tgt Ion: 97 Resp: 313608
Ion Ratio Lower Upper
97 100
99 64.2 51.7 77.5
61 40.4 32.6 48.8



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC

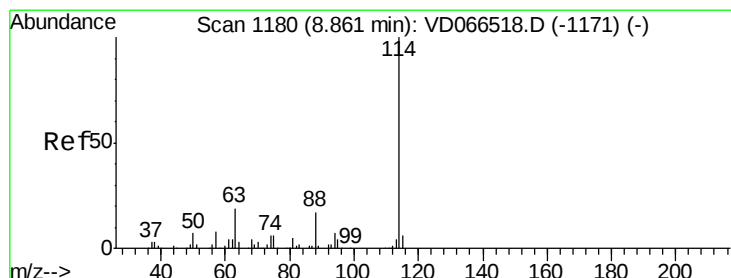
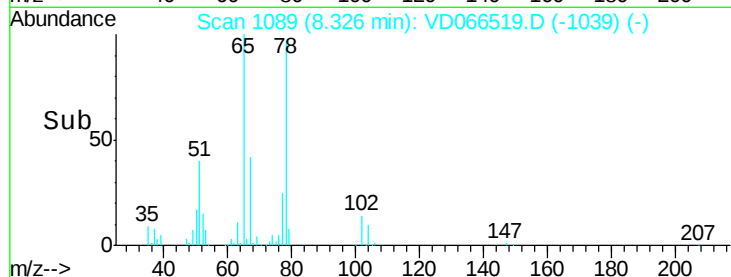
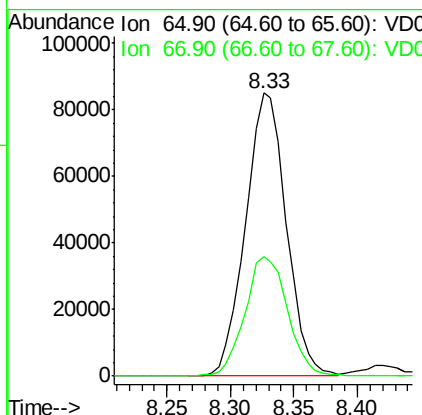
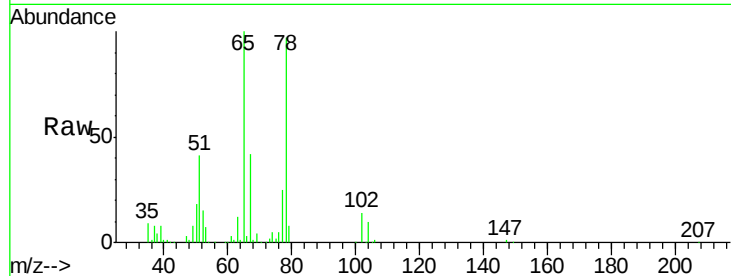




#33
 1,2-Dichloroethane-d4
 Concen: 105.466 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

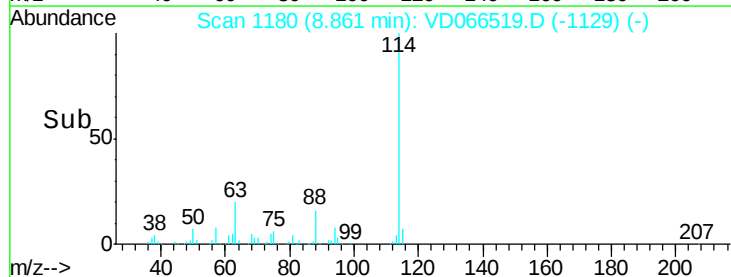
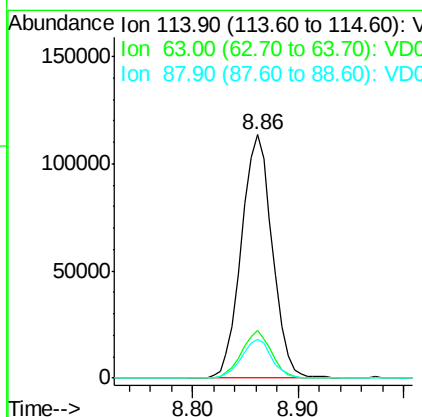
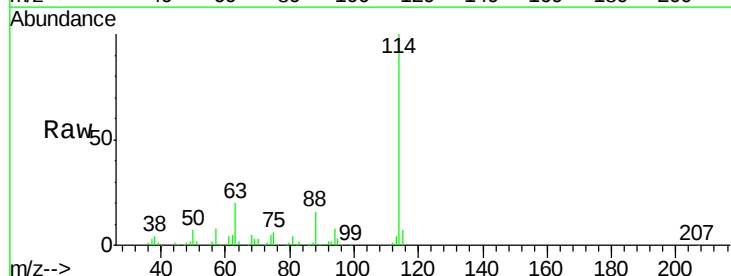
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

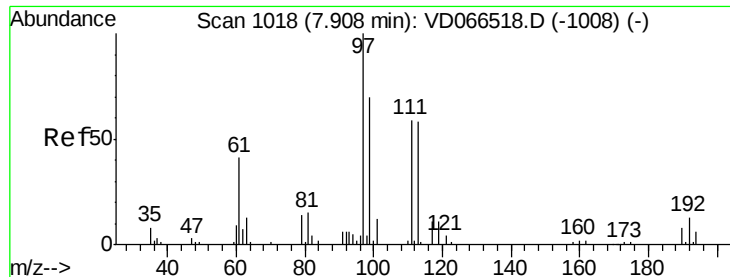
Tgt Ion: 65 Resp: 190437
 Ion Ratio Lower Upper
 65 100
 67 44.1 0.0 88.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Tgt Ion: 114 Resp: 231297
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.6
 88 16.0 0.0 33.6

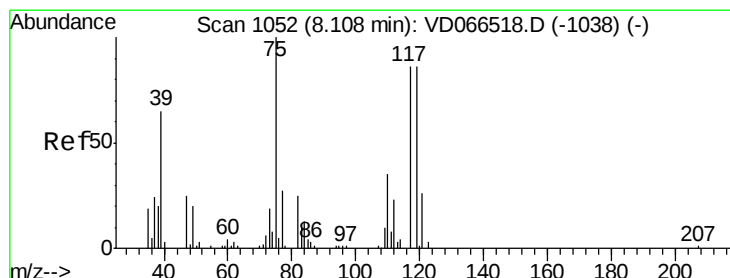
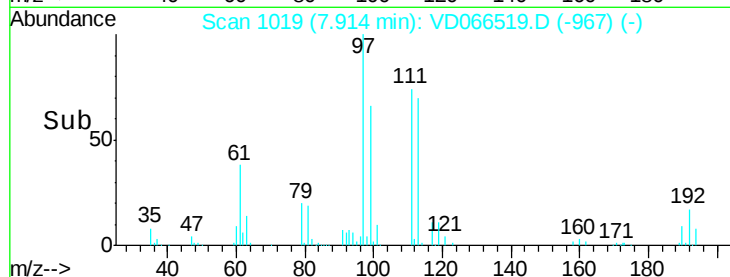
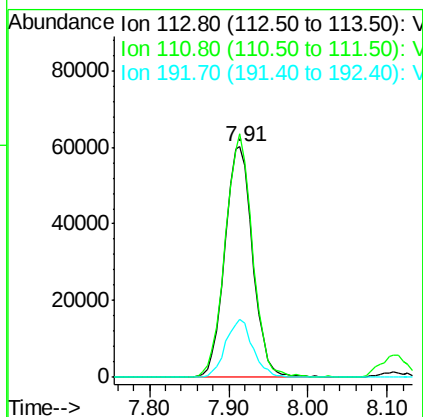
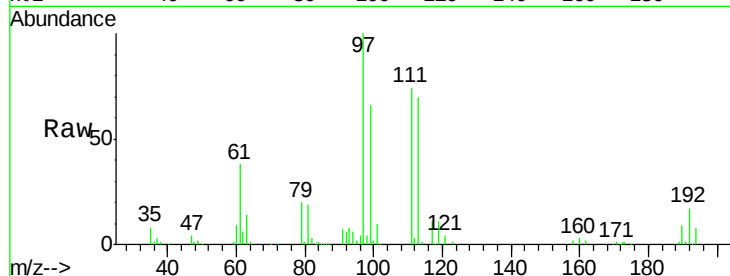




#35
Dibromofluoromethane
Concen: 104.860 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

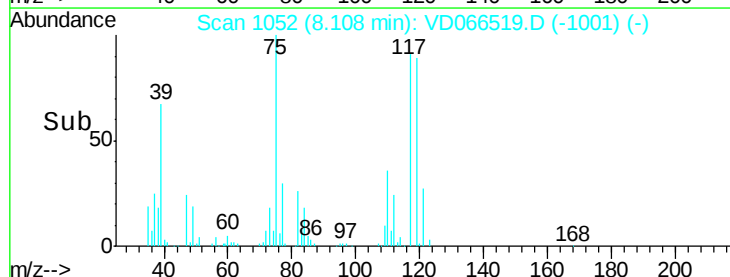
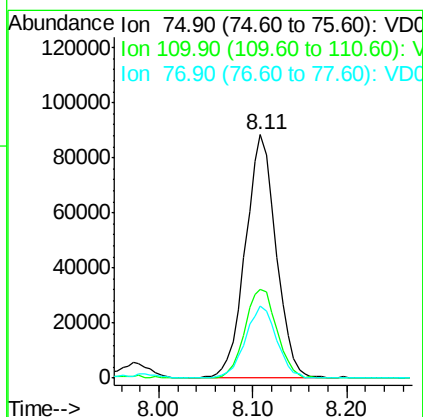
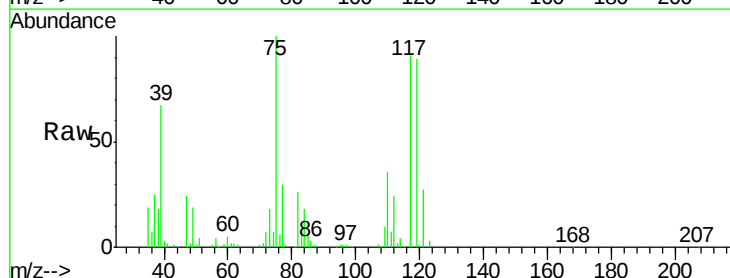
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

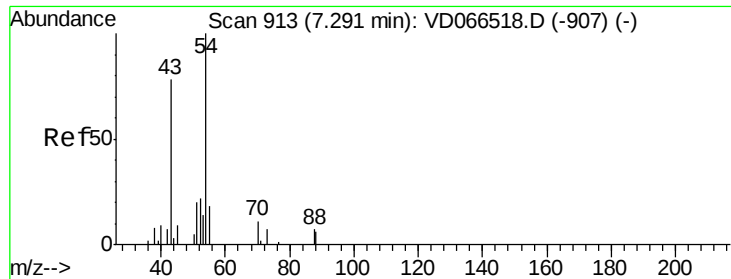
Tgt Ion:113 Resp: 145874
Ion Ratio Lower Upper
113 100
111 103.3 82.5 123.7
192 24.4 20.7 31.1



#36
1,1-Dichloropropene
Concen: 98.679 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Tgt Ion: 75 Resp: 200077
Ion Ratio Lower Upper
75 100
110 38.1 18.4 55.2
77 30.2 24.6 36.8

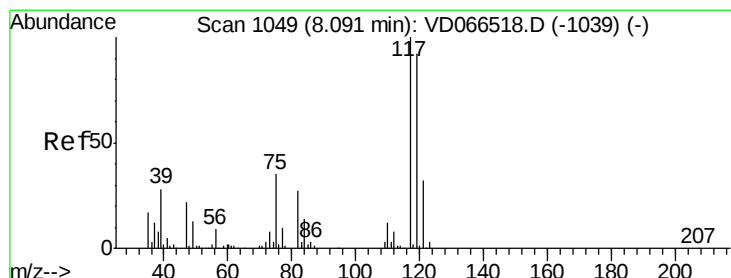
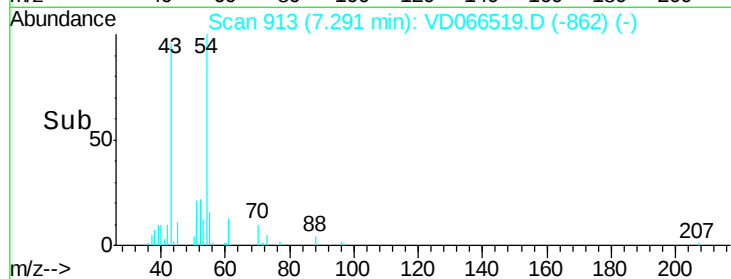
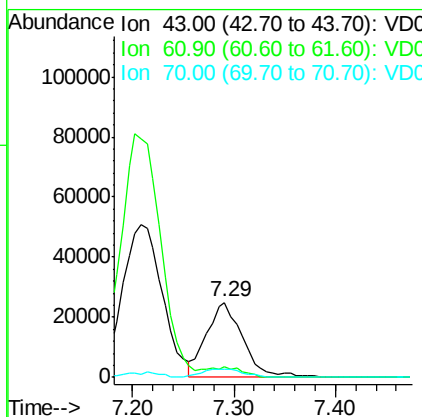
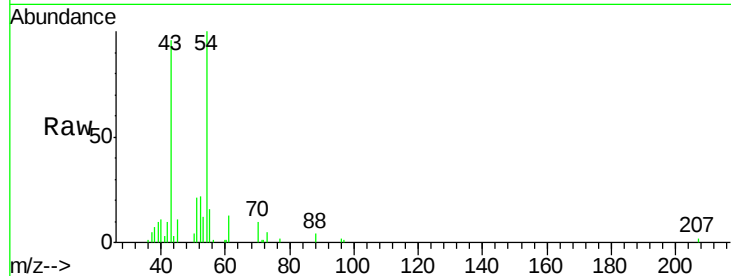




#37
 Ethyl Acetate
 Concen: 100.210 ug/l
 RT: 7.29 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

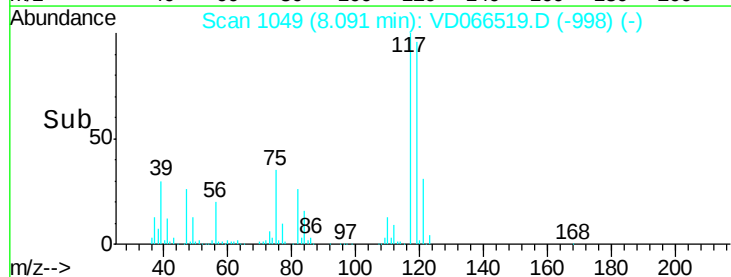
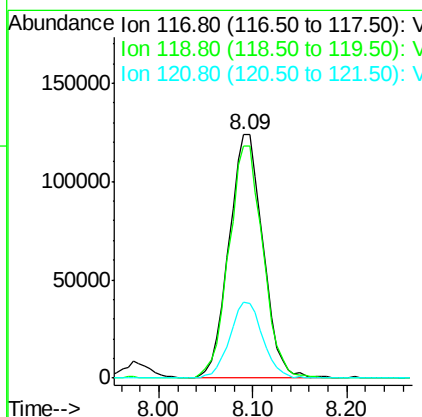
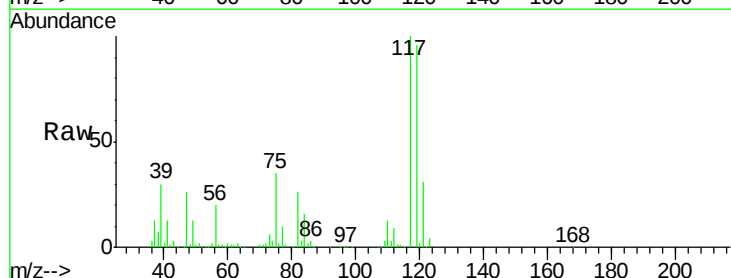
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

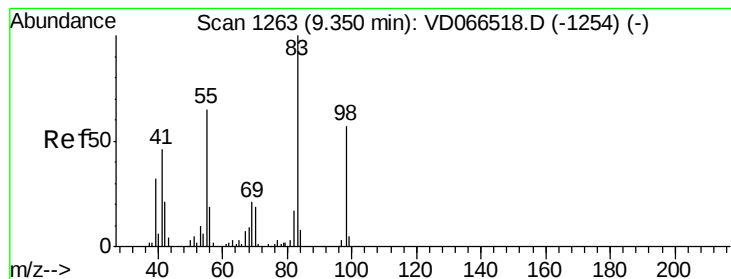
Tgt Ion: 43 Resp: 60989
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.7 16.1#
 70 12.6 10.2 15.2



#38
 Carbon Tetrachloride
 Concen: 100.255 ug/l
 RT: 8.09 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Tgt Ion: 117 Resp: 309660
 Ion Ratio Lower Upper
 117 100
 119 95.5 73.9 110.9
 121 31.3 25.6 38.4





#39

Methylcyclohexane

Concen: 99.841 ug/l

RT: 9.35 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

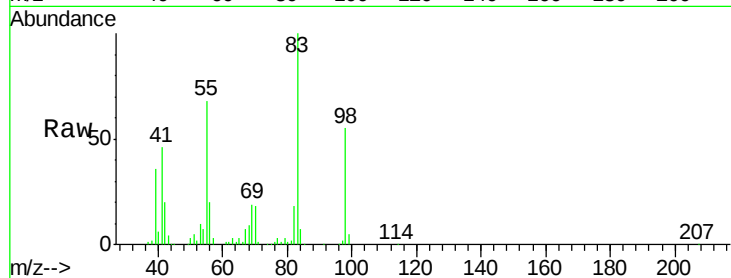
Tgt Ion: 83 Resp: 236508

Ion Ratio Lower Upper

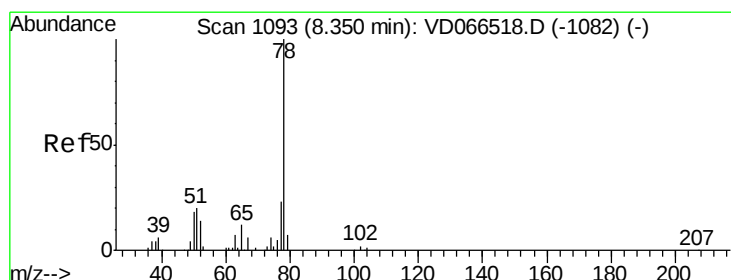
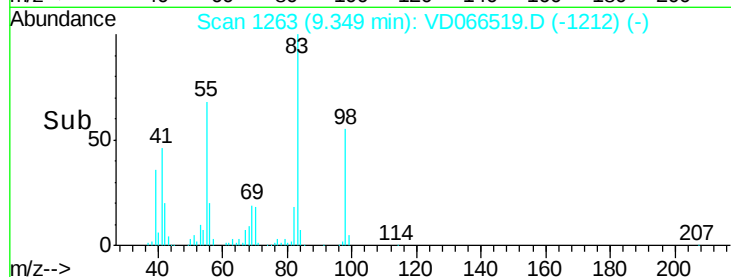
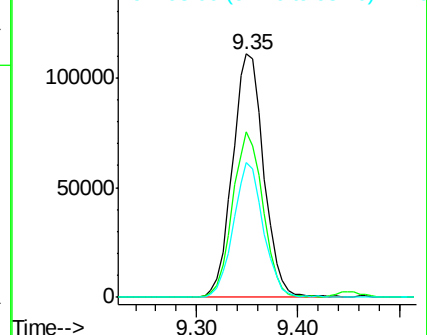
83 100

55 68.1 52.2 78.2

98 55.5 45.6 68.4



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: 98.228 ug/l

RT: 8.35 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VD066519.D

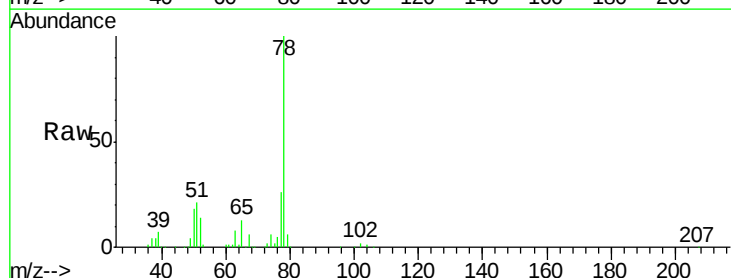
Acq: 02 Sep 2020 13:10

Tgt Ion: 78 Resp: 513759

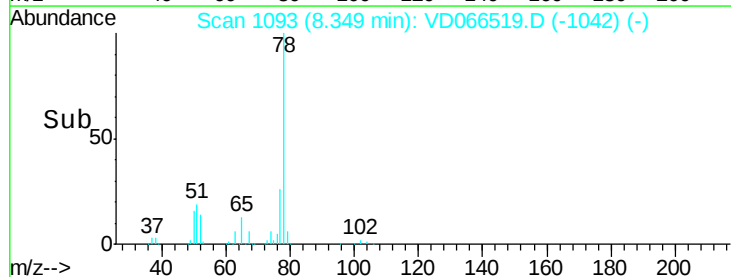
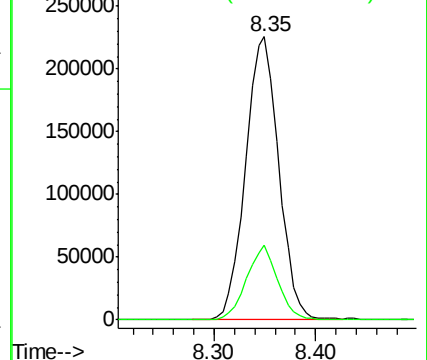
Ion Ratio Lower Upper

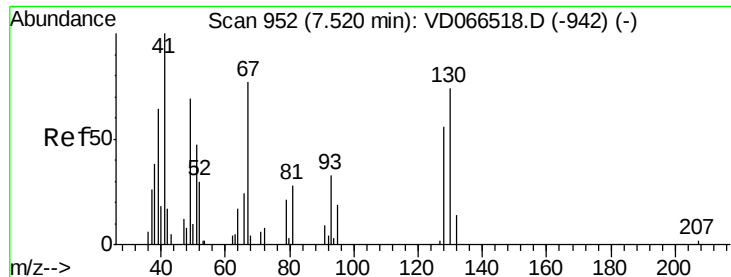
78 100

77 26.4 18.1 27.1



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

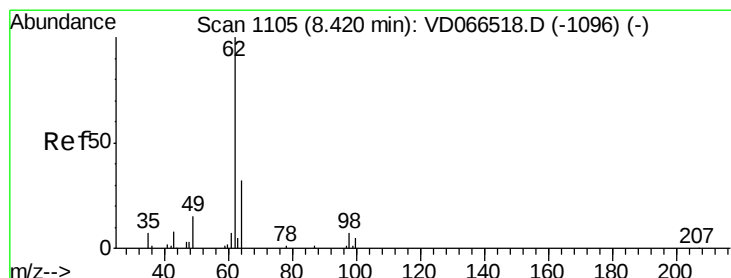
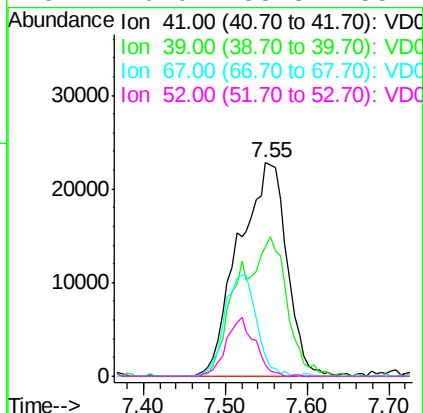
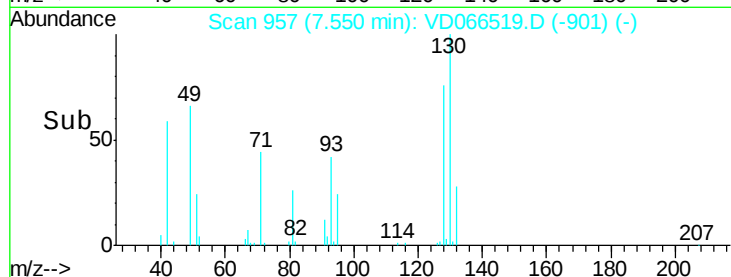
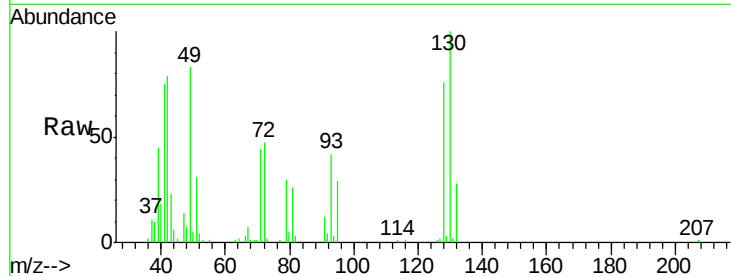




#41
Methacrylonitrile
Concen: 269.262 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.03 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

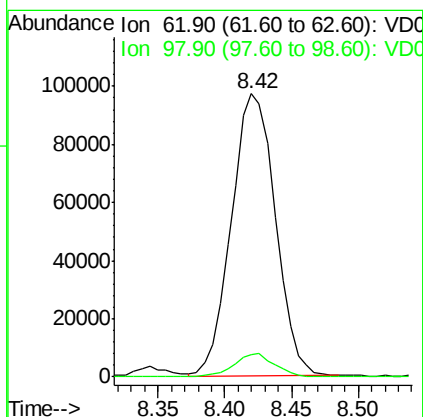
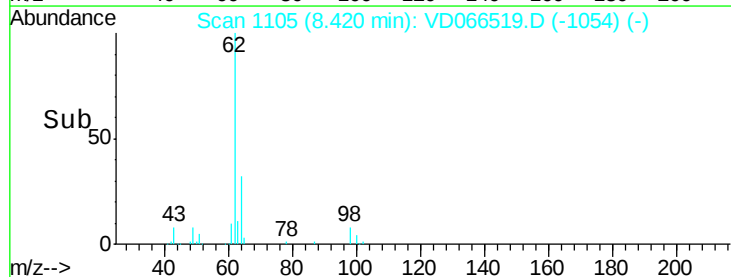
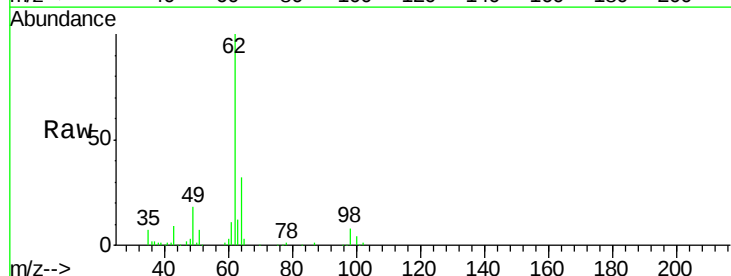
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

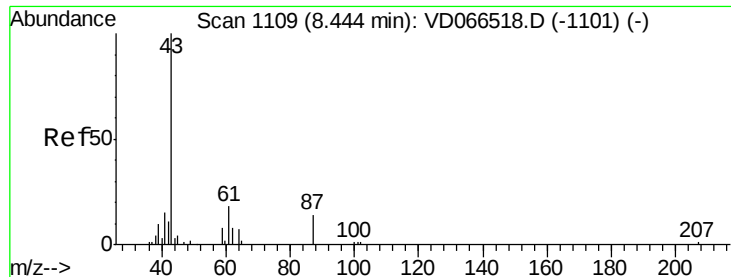
Tgt Ion: 41 Resp: 93305
Ion Ratio Lower Upper
41 100
39 40.4 0.0 0.0#
67 0.0 85.0 127.4#
52 0.0 38.8 58.2#



#42
1,2-Dichloroethane
Concen: 100.448 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Tgt Ion: 62 Resp: 222257
Ion Ratio Lower Upper
62 100
98 7.7 0.0 15.2





#43

Isopropyl Acetate

Concen: 104.642 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.01 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

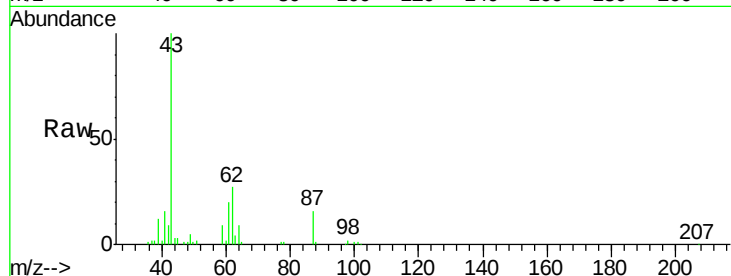
Tgt Ion: 43 Resp: 133411

Ion Ratio Lower Upper

43 100

61 32.3 26.9 40.3

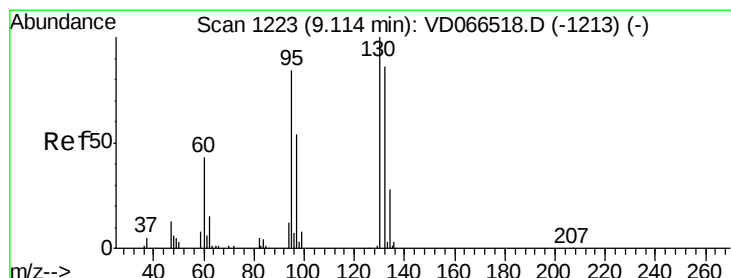
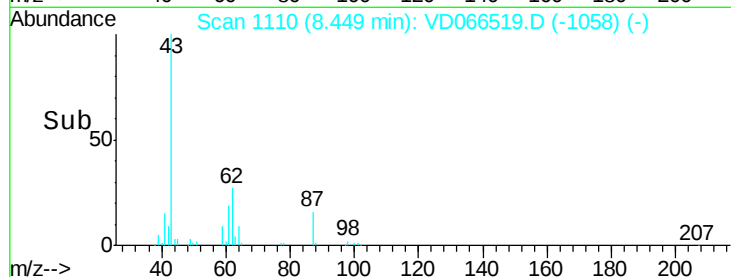
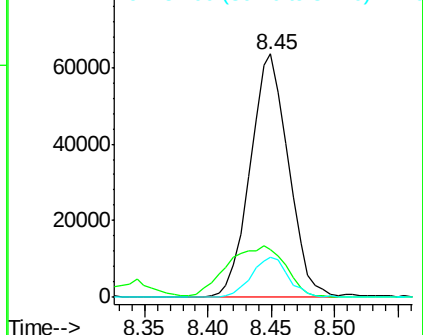
87 16.1 12.9 19.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 97.659 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.01 min

Lab File: VD066519.D

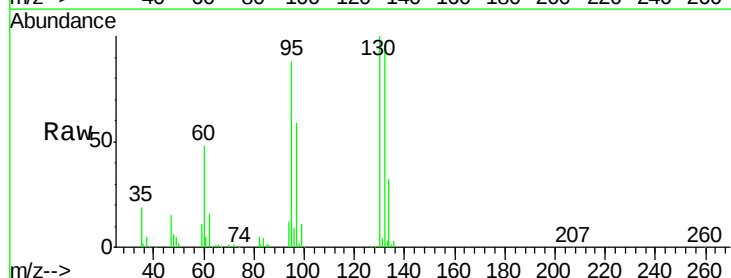
Acq: 02 Sep 2020 13:10

Tgt Ion: 130 Resp: 176300

Ion Ratio Lower Upper

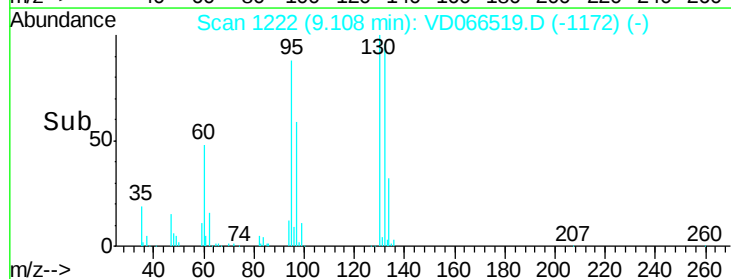
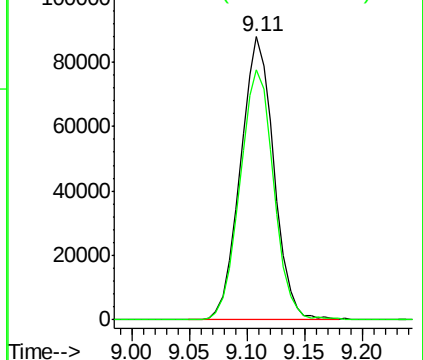
130 100

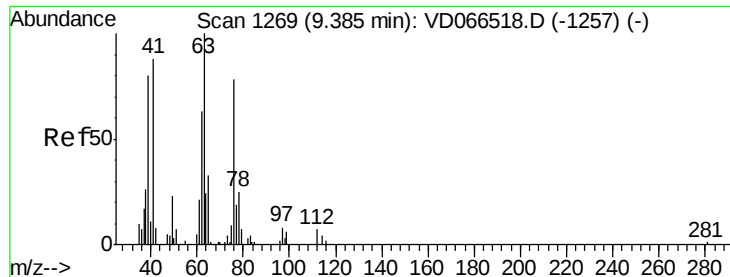
95 88.5 0.0 167.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

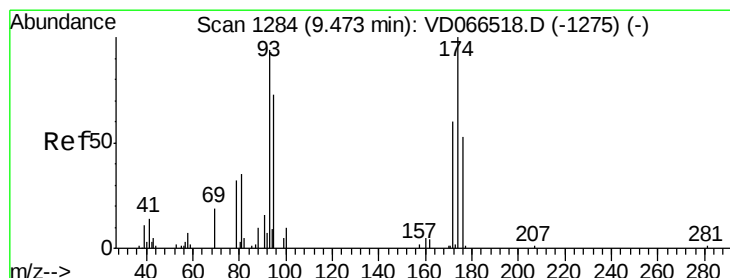
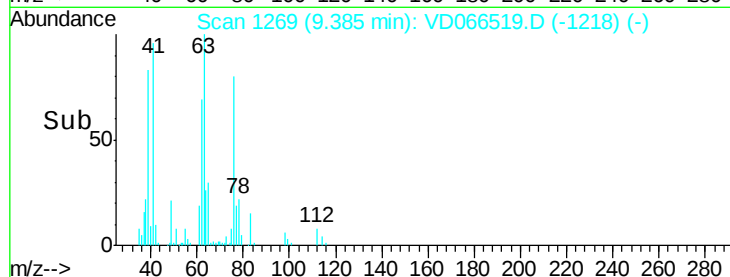
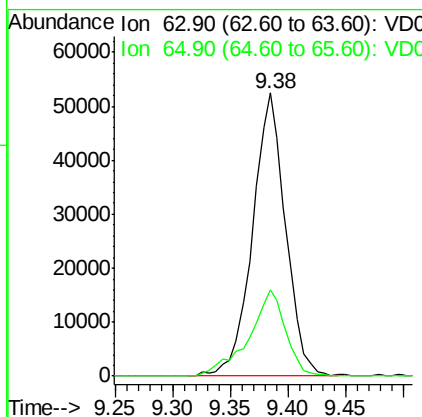
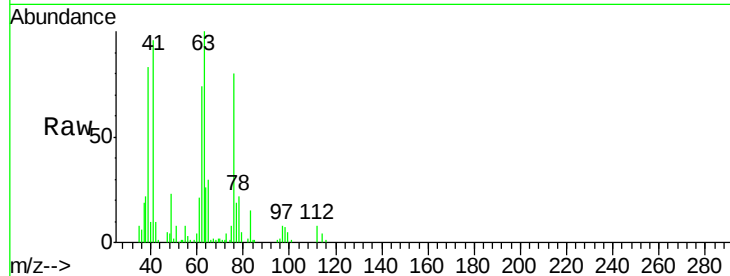




#45
 1,2-Dichloropropane
 Concen: 100.741 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

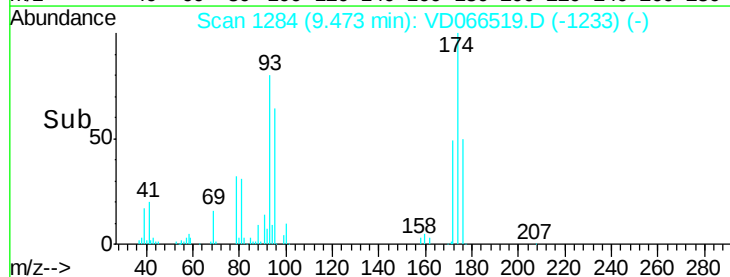
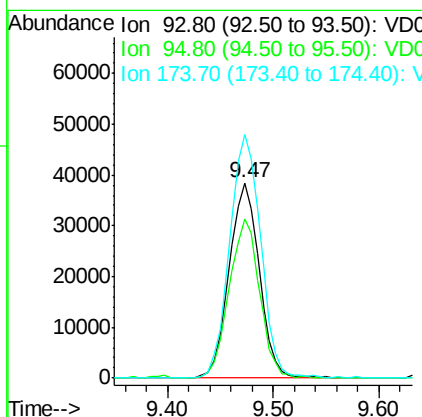
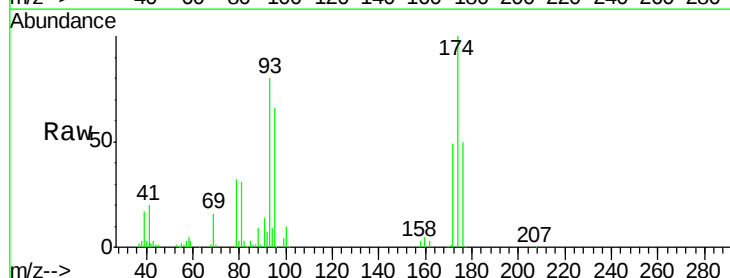
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

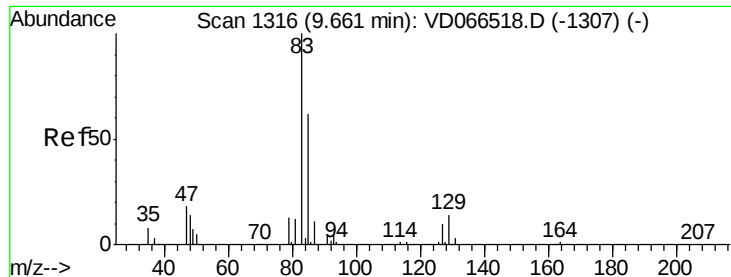
Tgt Ion: 63 Resp: 104545
 Ion Ratio Lower Upper
 63 100
 65 30.4 26.2 39.4



#46
 Dibromomethane
 Concen: 99.484 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Tgt Ion: 93 Resp: 75583
 Ion Ratio Lower Upper
 93 100
 95 81.9 63.9 95.9
 174 129.2 94.4 141.6





#47

Bromodichloromethane

Concen: 100.368 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

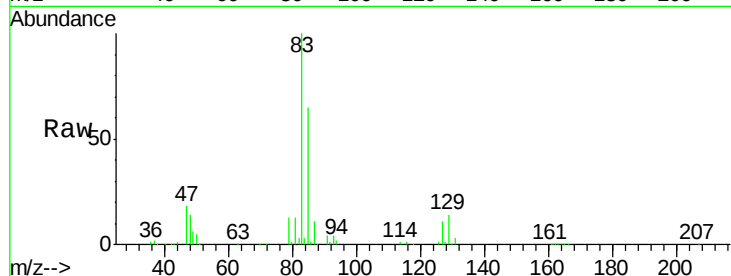
Tgt Ion: 83 Resp: 226638

Ion Ratio Lower Upper

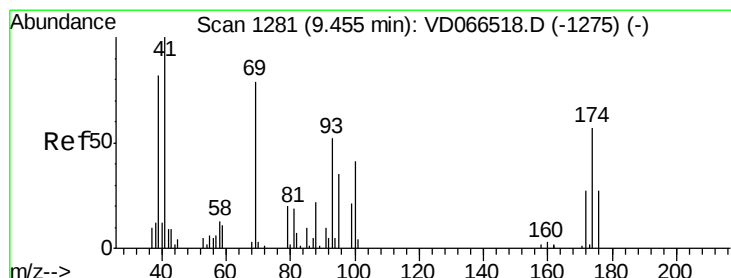
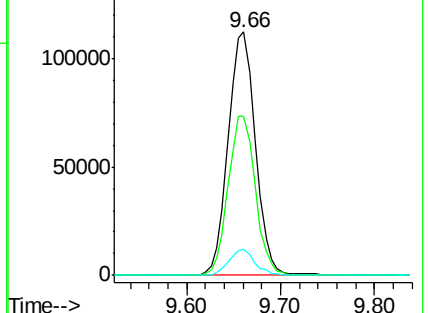
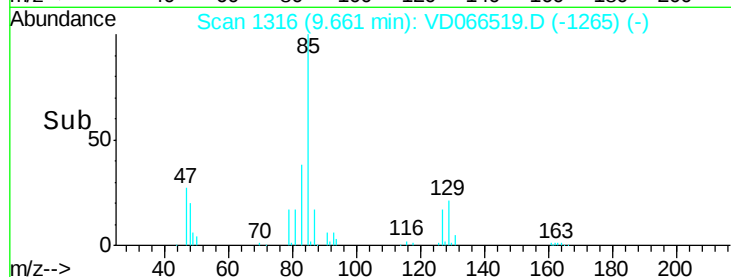
83 100

85 65.5 49.6 74.4

127 10.8 7.8 11.6



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): V



#48

Methyl methacrylate

Concen: 101.238 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

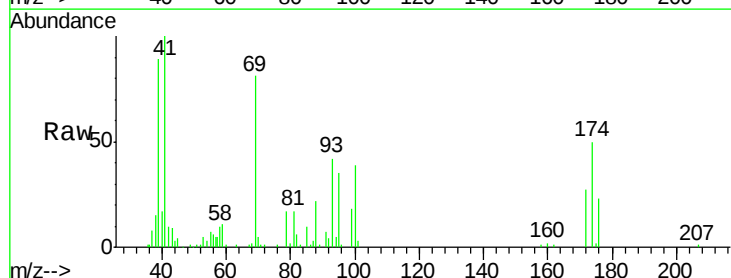
Tgt Ion: 41 Resp: 65777

Ion Ratio Lower Upper

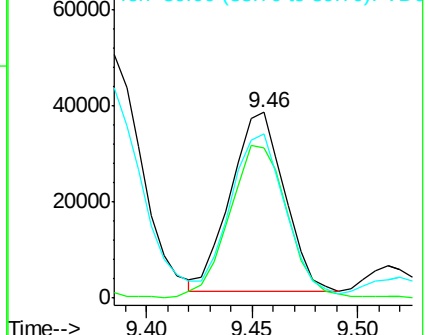
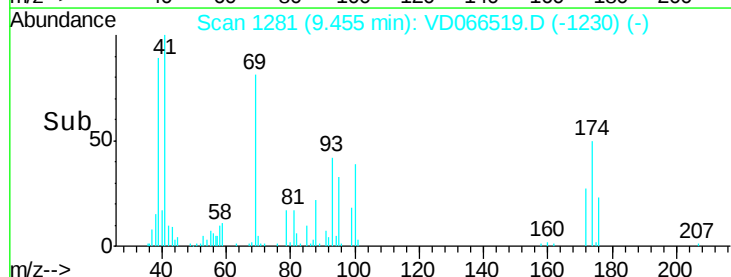
41 100

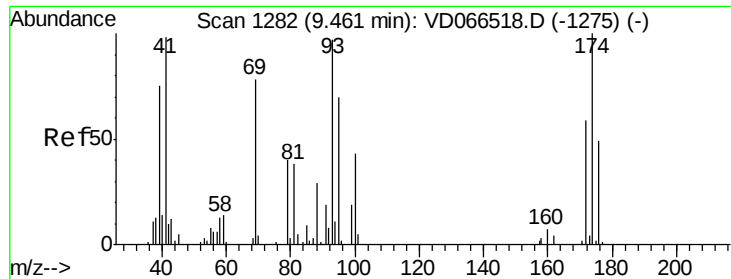
69 92.7 71.1 106.7

39 88.8 75.4 113.2



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

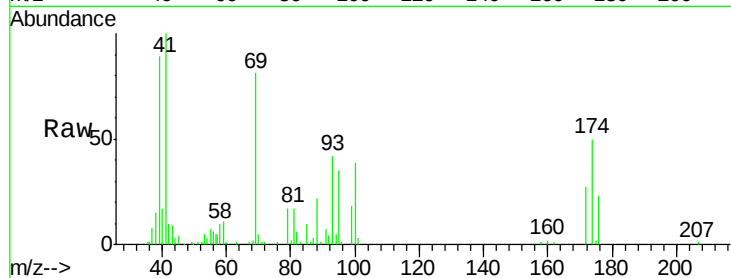




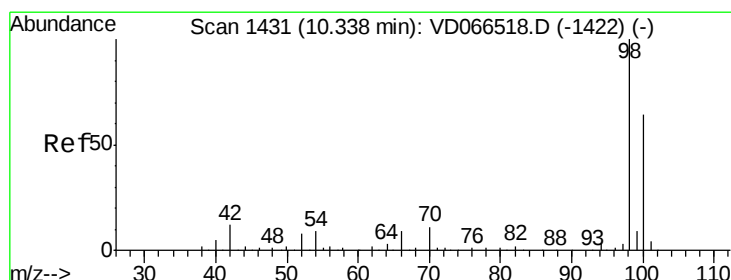
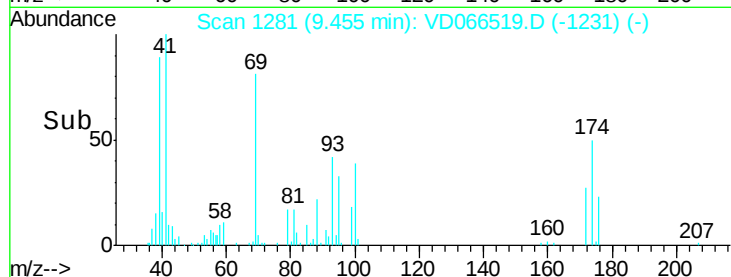
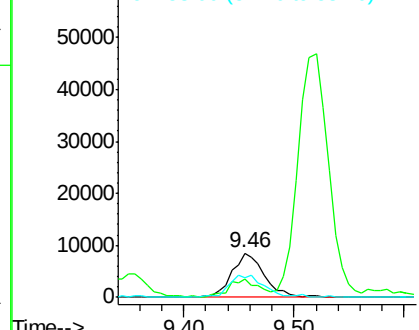
#49
 1,4-Dioxane
 Concen: 1966.700 ug/l
 RT: 9.46 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tgt Ion: 88 Resp: 17474
 Ion Ratio Lower Upper
 88 100
 43 38.0 33.8 50.6
 58 54.9 46.2 69.4

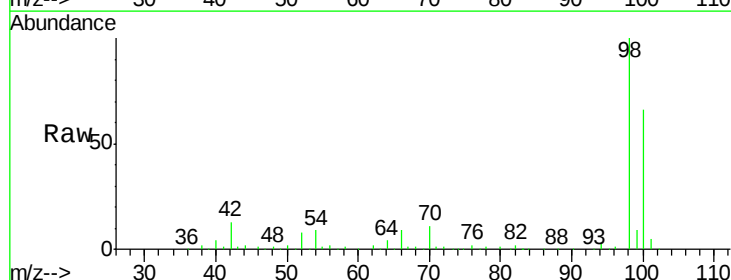


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

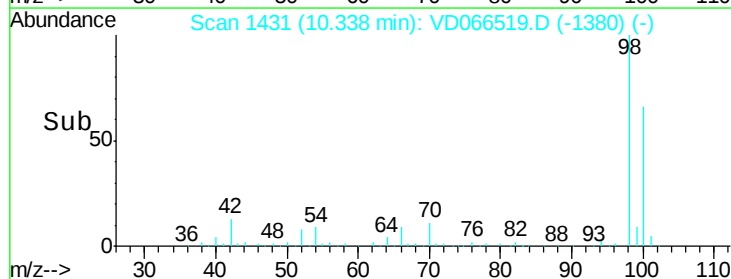
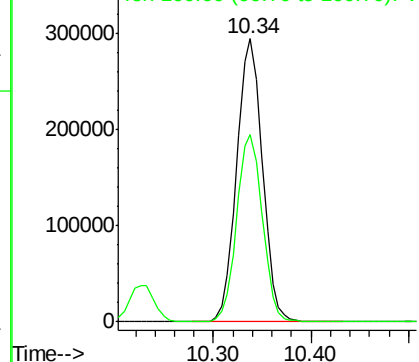


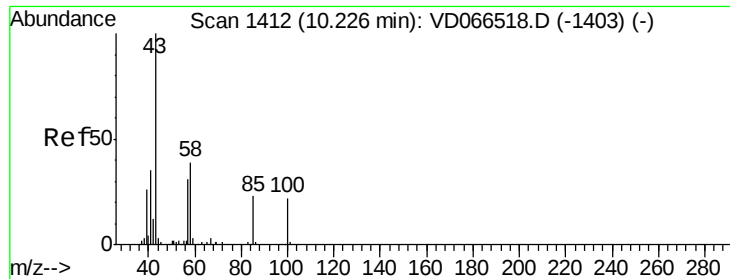
#50
 Toluene-d8
 Concen: 103.801 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Tgt Ion: 98 Resp: 542217
 Ion Ratio Lower Upper
 98 100
 100 65.9 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC

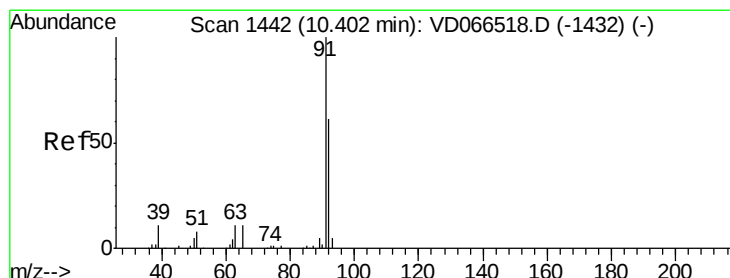
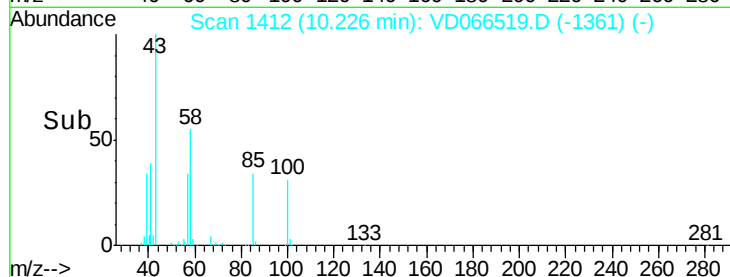
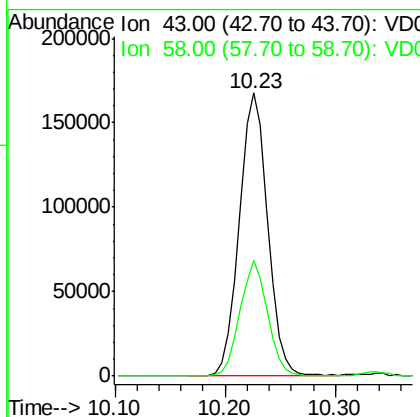
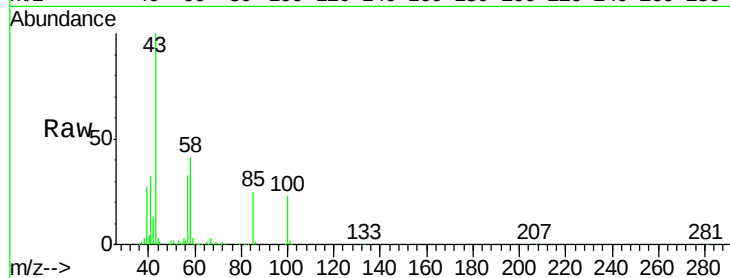




#51
 4-Methyl-2-Pentanone
 Concen: 518.363 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

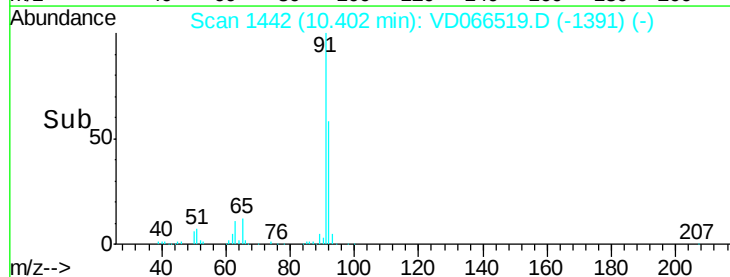
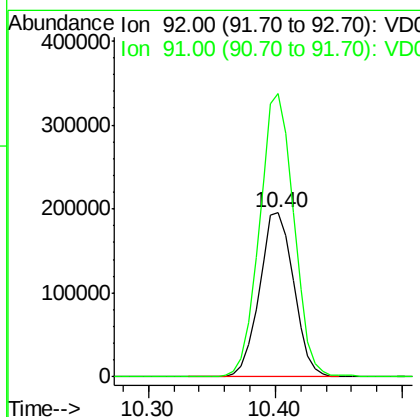
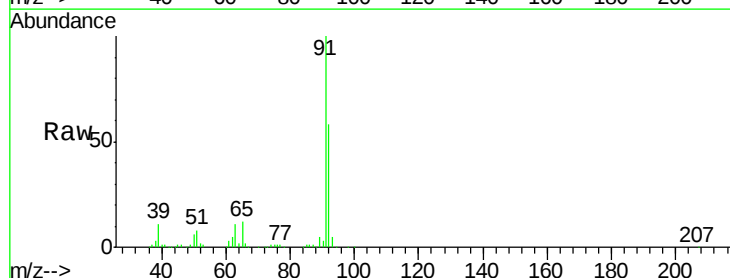
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

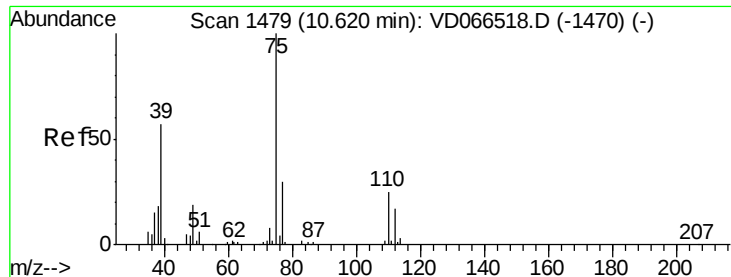
Tgt Ion: 43 Resp: 303887
 Ion Ratio Lower Upper
 43 100
 58 39.6 31.5 47.3



#52
 Toluene
 Concen: 99.213 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Tgt Ion: 92 Resp: 369101
 Ion Ratio Lower Upper
 92 100
 91 172.4 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 100.904 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

ClientSampleId :

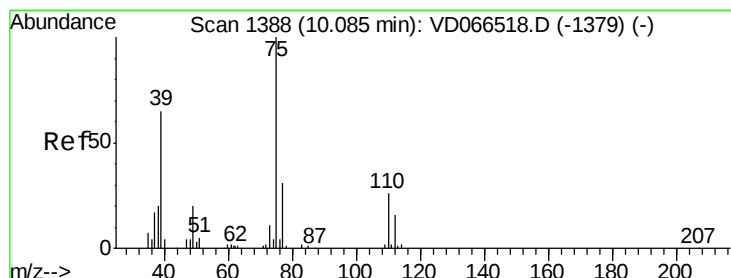
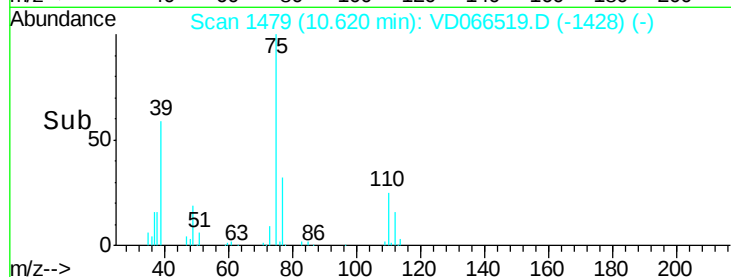
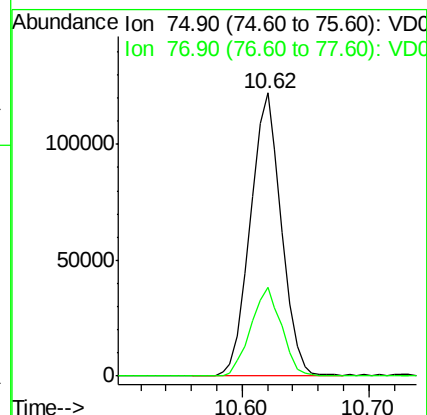
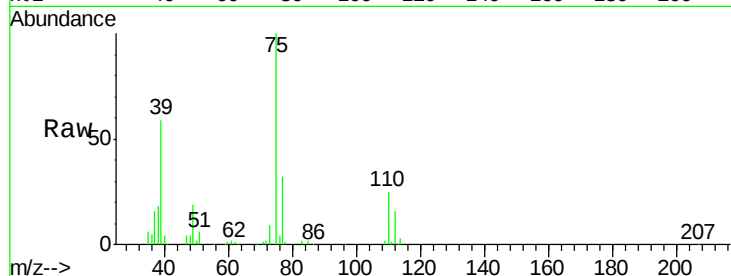
VSTDIC100

Tgt Ion: 75 Resp: 208169

Ion Ratio Lower Upper

75 100

77 31.6 23.7 35.5



#54

cis-1,3-Dichloropropene

Concen: 101.575 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

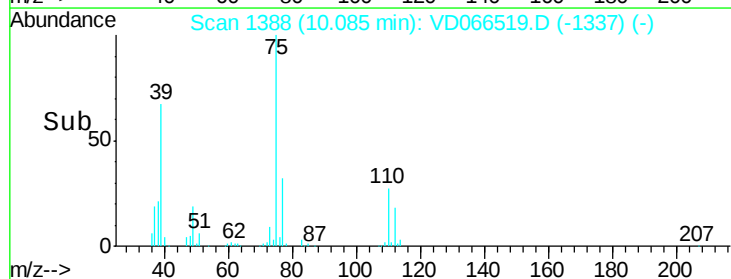
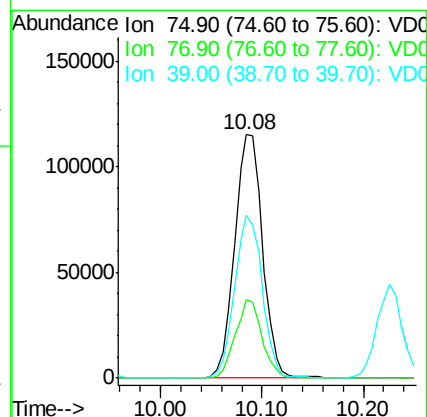
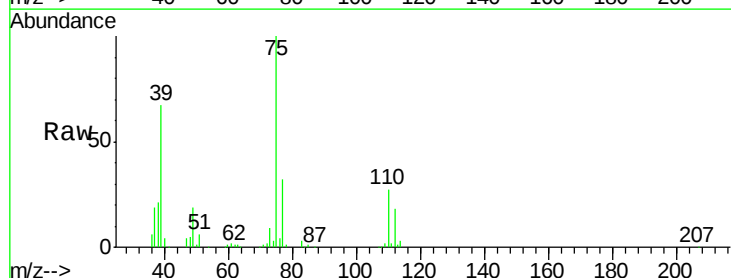
Tgt Ion: 75 Resp: 220766

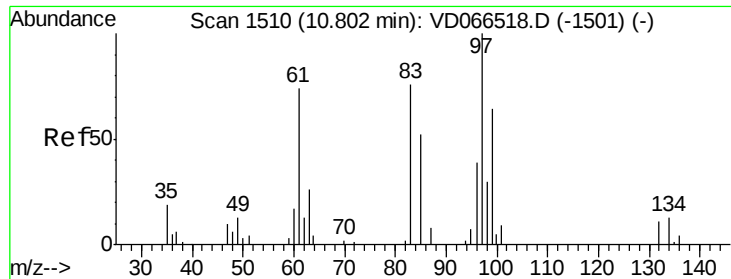
Ion Ratio Lower Upper

75 100

77 32.1 24.5 36.7

39 66.8 52.4 78.6

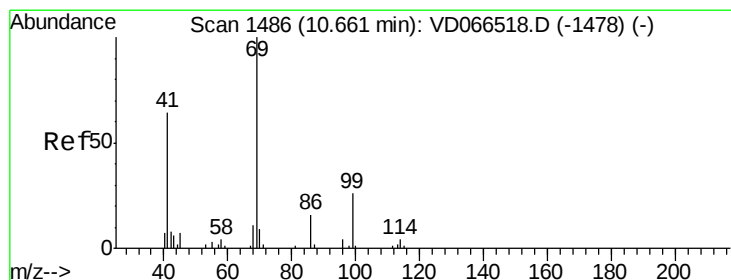
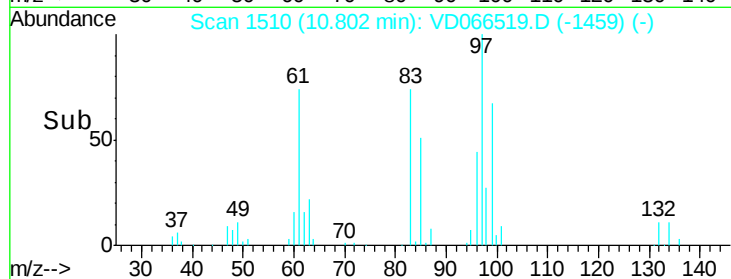
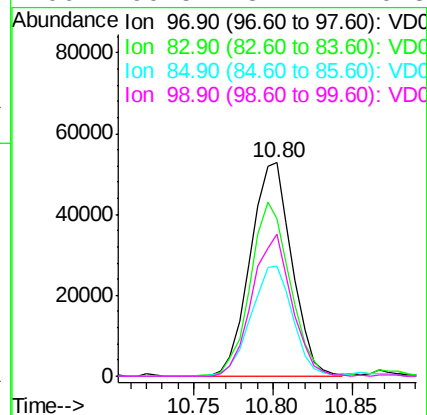
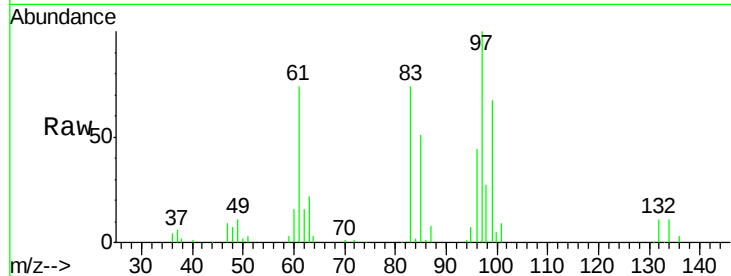




#55
 1,1,2-Trichloroethane
 Concen: 100.540 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

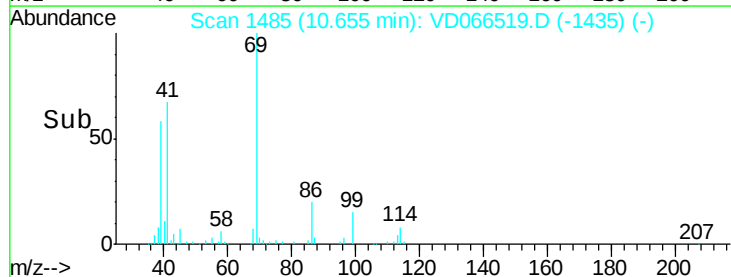
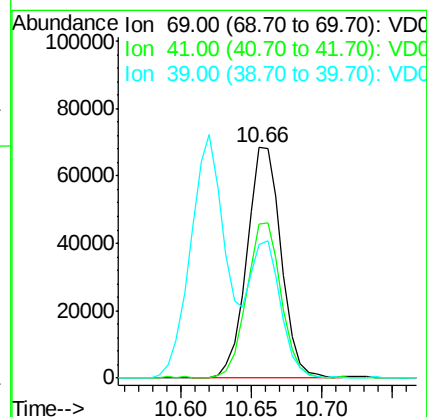
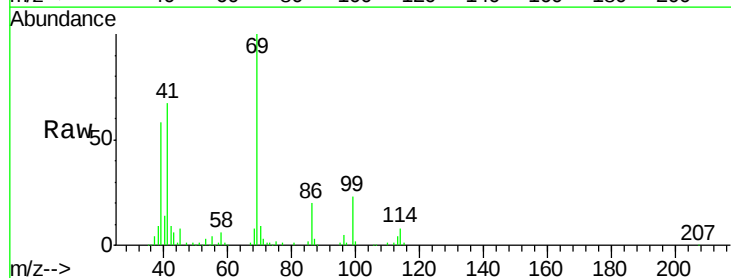
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

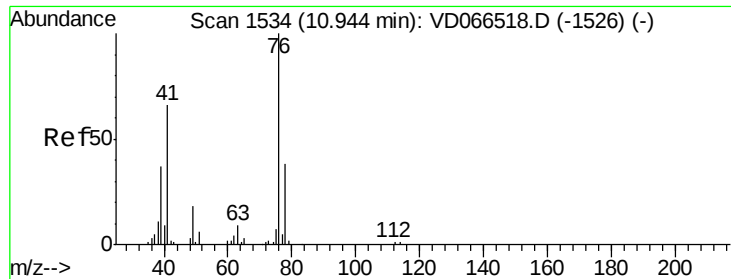
Tgt Ion:	97	Resp:	96521
Ion	Ratio	Lower	Upper
97	100		
83	73.7	61.2	91.8
85	51.3	42.0	63.0
99	66.5	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 103.090 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Tgt Ion:	69	Resp:	116473
Ion	Ratio	Lower	Upper
69	100		
41	67.8	52.5	78.7
39	52.1	42.1	63.1

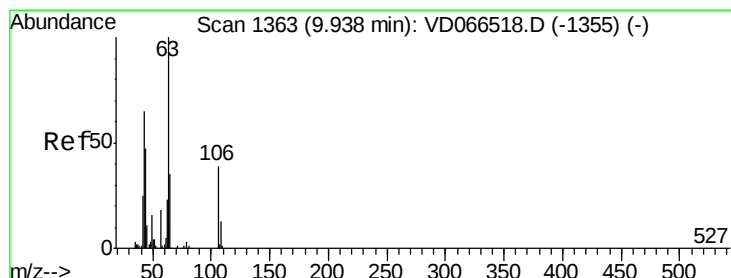
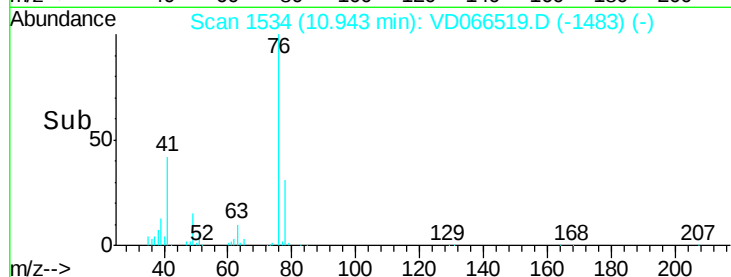
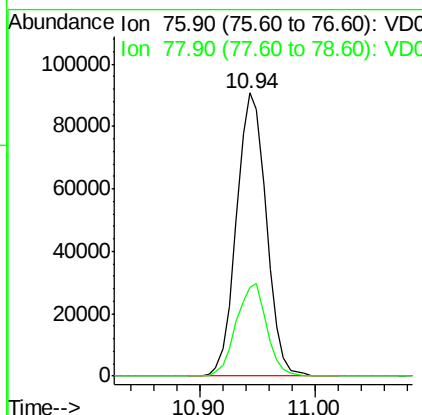
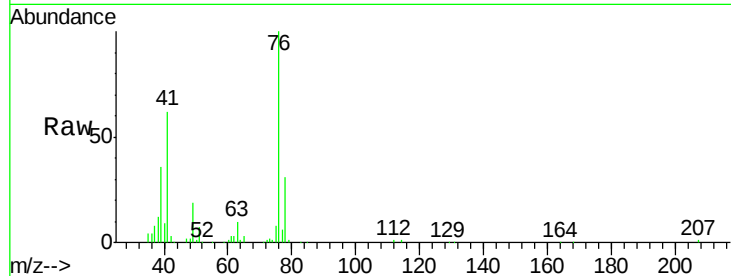




#57
 1,3-Dichloropropane
 Concen: 102.470 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

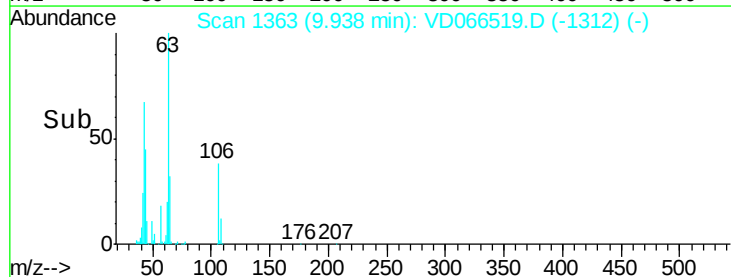
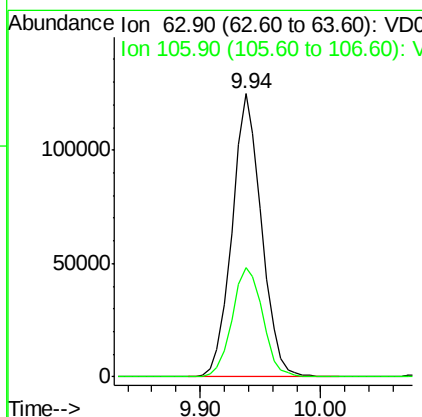
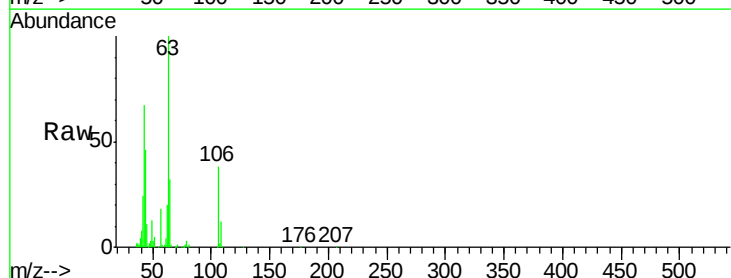
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

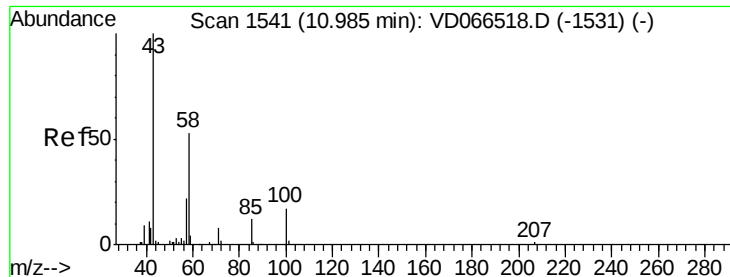
Tgt Ion: 76 Resp: 162457
 Ion Ratio Lower Upper
 76 100
 78 33.3 28.2 42.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 481.123 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Tgt Ion: 63 Resp: 212192
 Ion Ratio Lower Upper
 63 100
 106 40.2 32.1 48.1

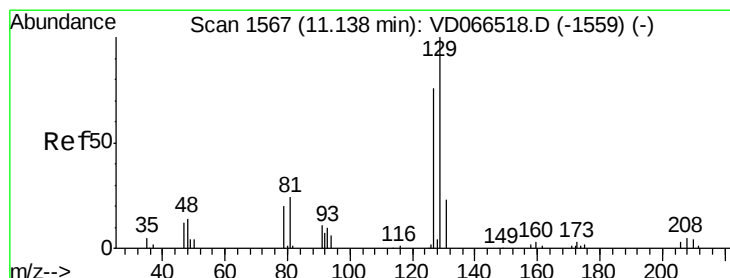
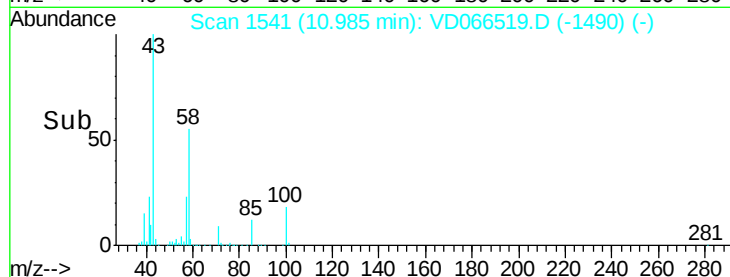
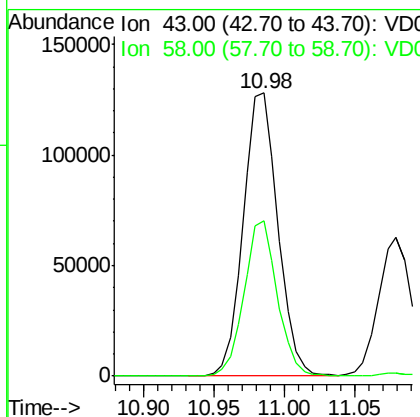
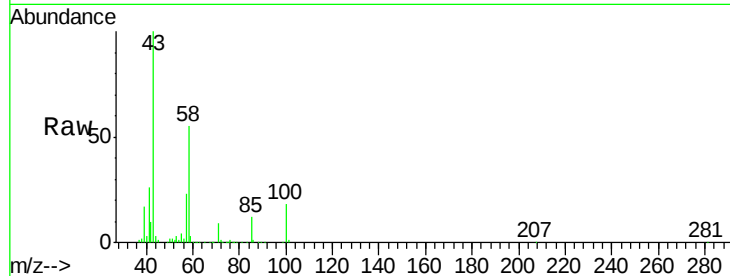




#59
2-Hexanone
Concen: 521.069 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

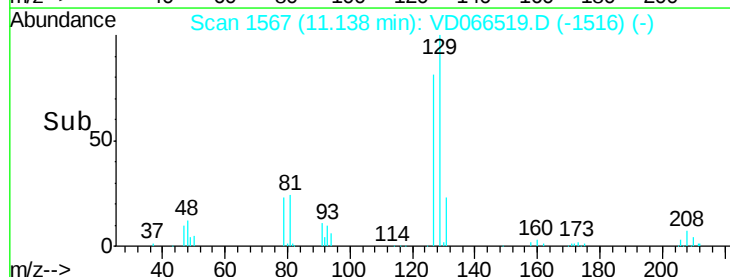
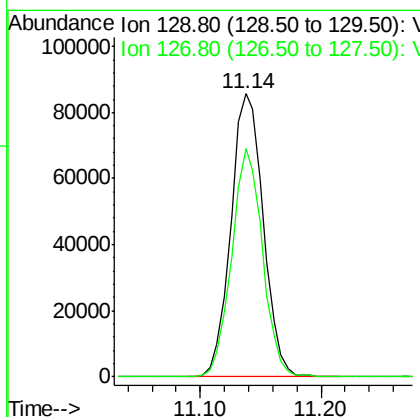
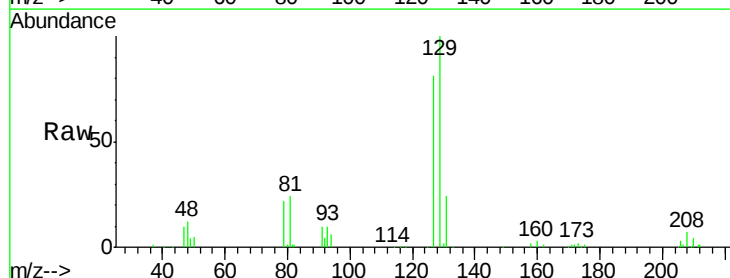
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

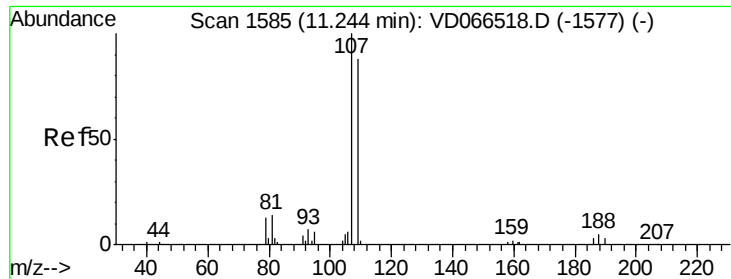
Tgt Ion: 43 Resp: 220620
Ion Ratio Lower Upper
43 100
58 52.5 25.7 77.0



#60
Dibromochloromethane
Concen: 100.832 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Tgt Ion: 129 Resp: 160071
Ion Ratio Lower Upper
129 100
127 76.9 38.2 114.6

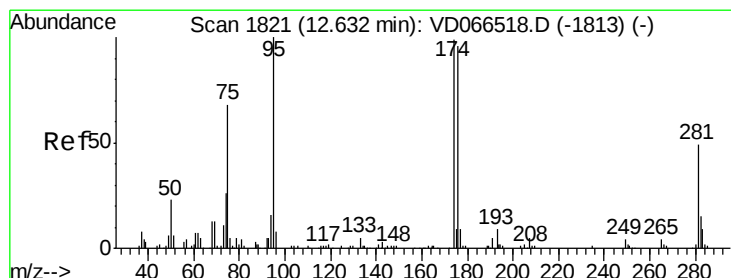
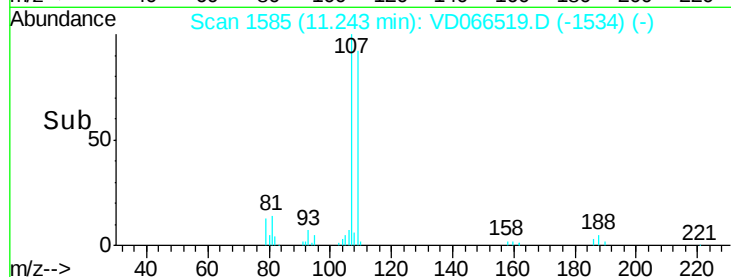
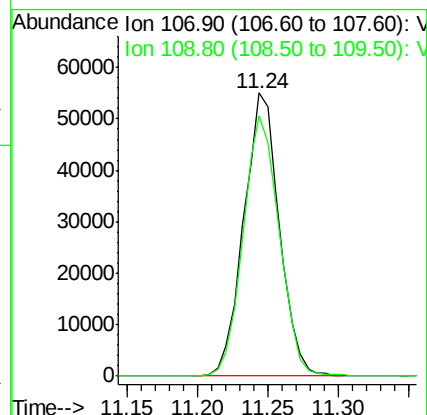
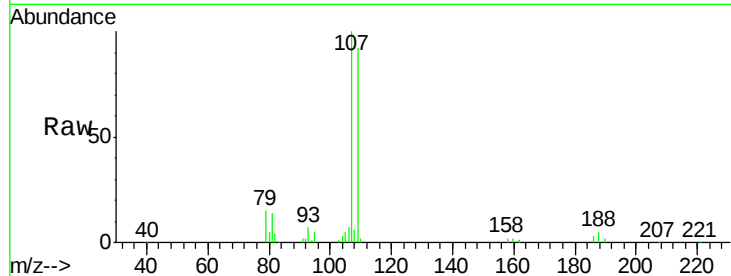




#61
 1,2-Dibromoethane
 Concen: 99.232 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

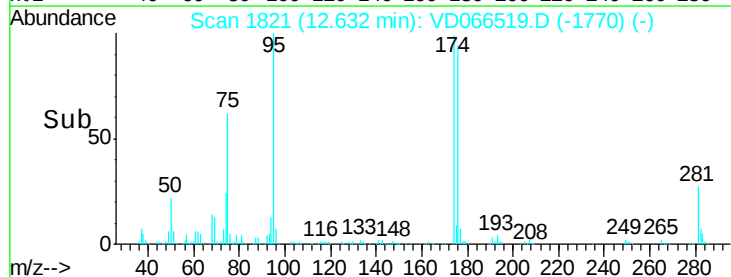
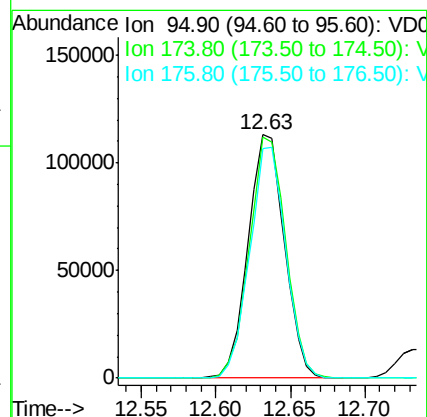
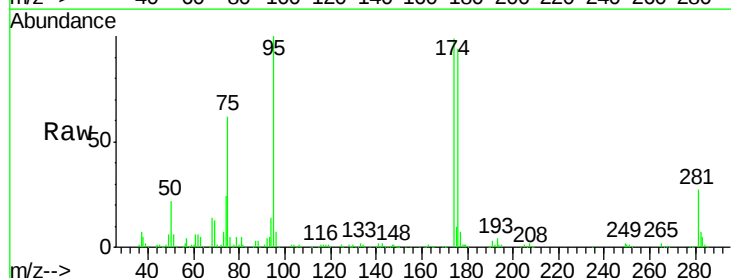
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

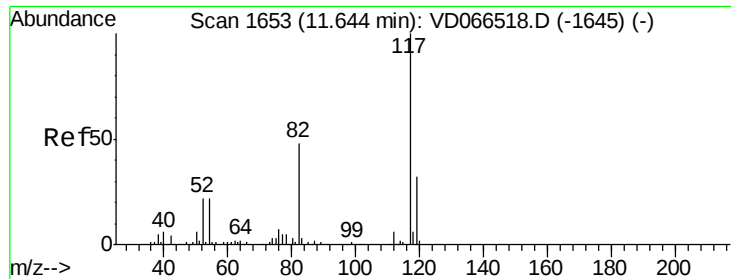
Tgt Ion: 107 Resp: 97107
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 102.252 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Tgt Ion: 95 Resp: 190397
 Ion Ratio Lower Upper
 95 100
 174 98.8 0.0 203.2
 176 94.0 0.0 198.6

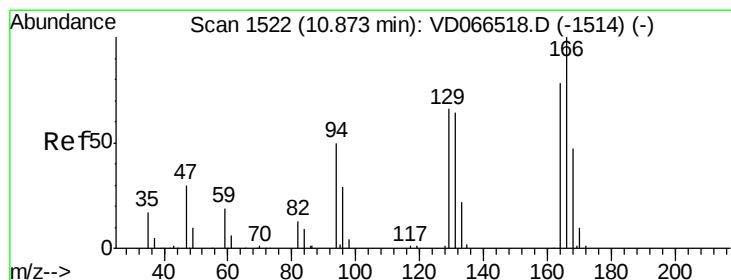
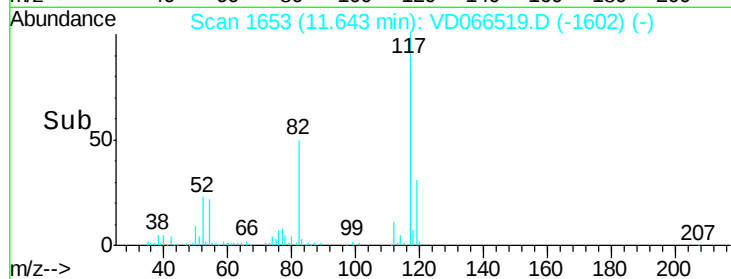
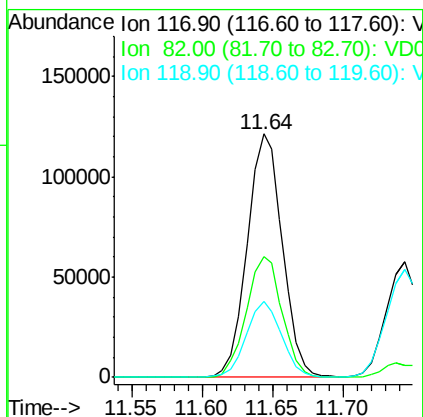
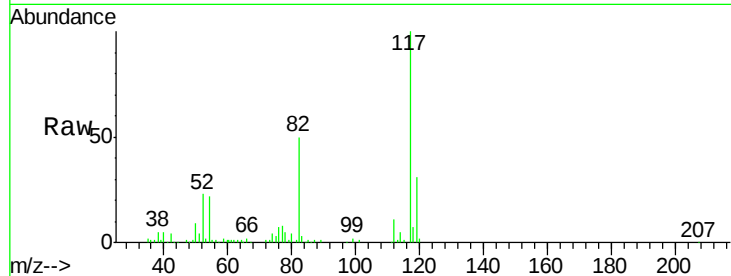




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

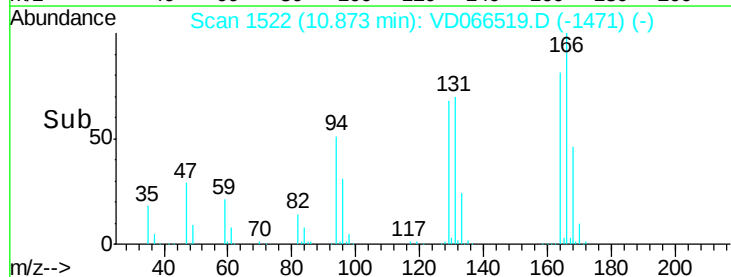
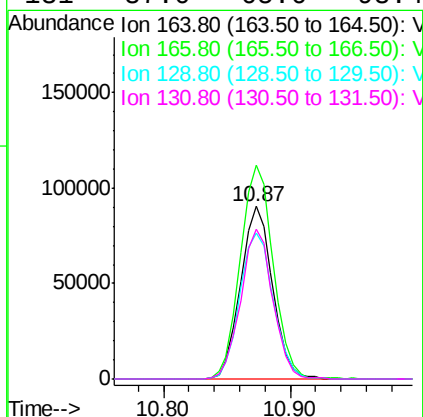
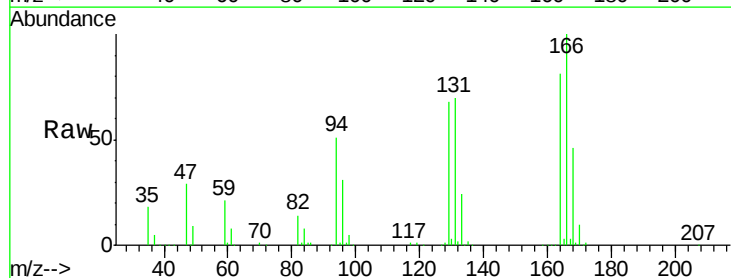
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

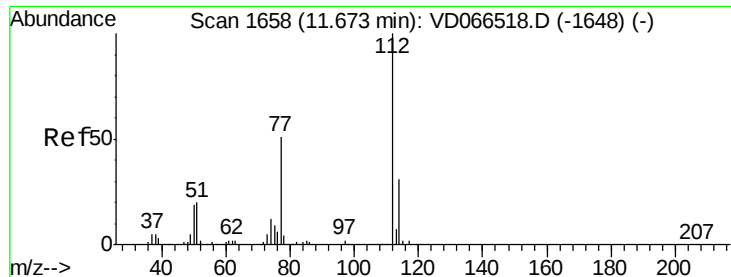
Tgt Ion:117 Resp: 211571
Ion Ratio Lower Upper
117 100
82 49.6 38.5 57.7
119 30.9 25.9 38.9



#64
Tetrachloroethene
Concen: 96.121 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Tgt Ion:164 Resp: 158556
Ion Ratio Lower Upper
164 100
166 123.9 103.0 154.6
129 84.8 68.3 102.5
131 87.0 65.6 98.4

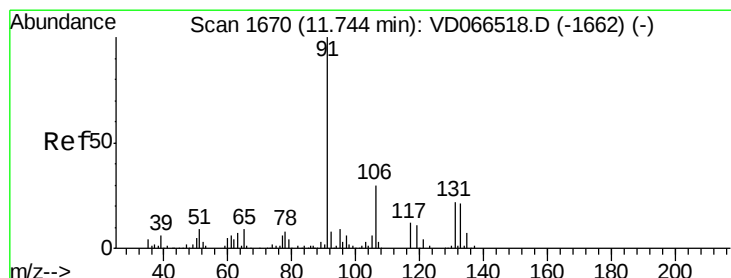
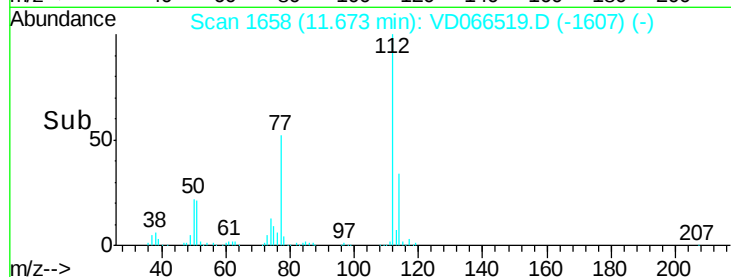
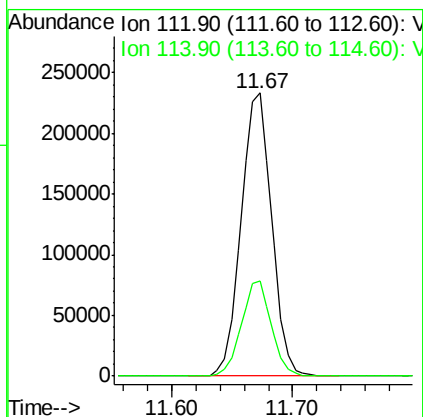
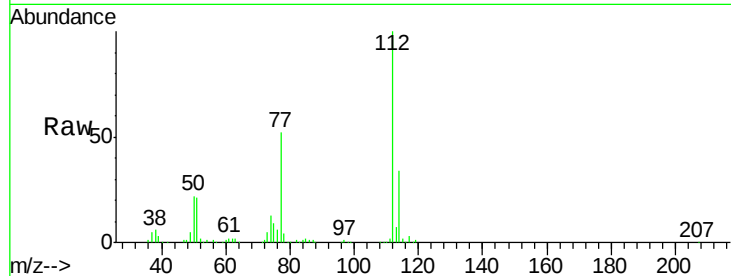




#65
Chlorobenzene
Concen: 98.748 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

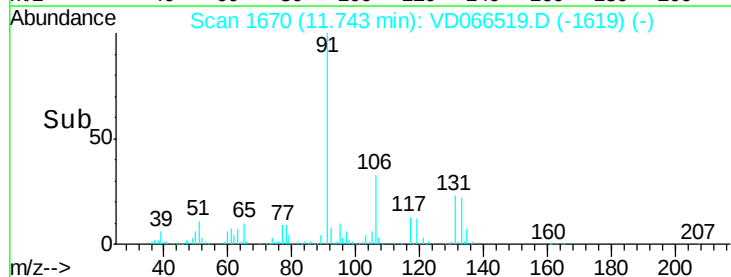
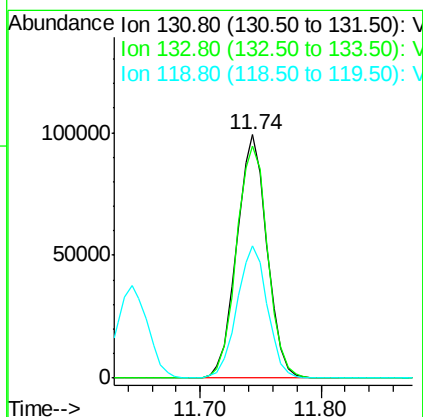
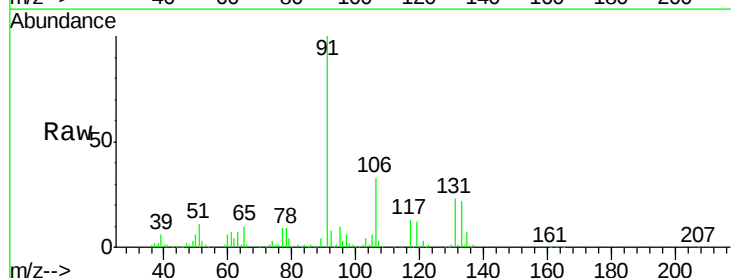
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

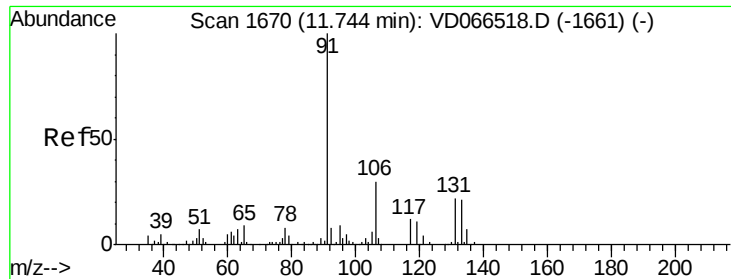
Tgt Ion:112 Resp: 411034
Ion Ratio Lower Upper
112 100
114 33.7 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 98.187 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Tgt Ion:131 Resp: 172923
Ion Ratio Lower Upper
131 100
133 98.4 47.5 142.5
119 54.6 27.2 81.6

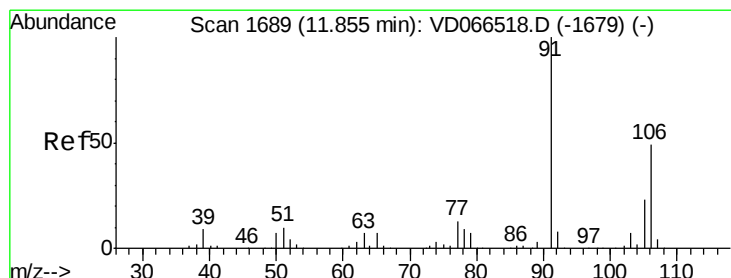
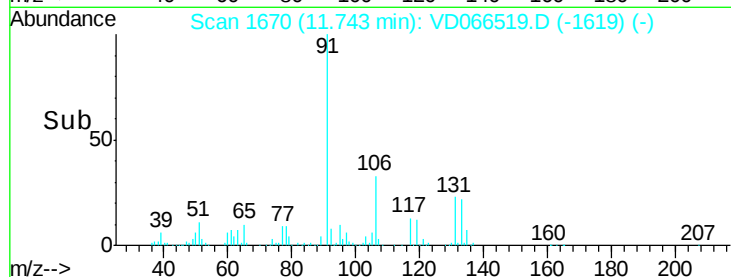
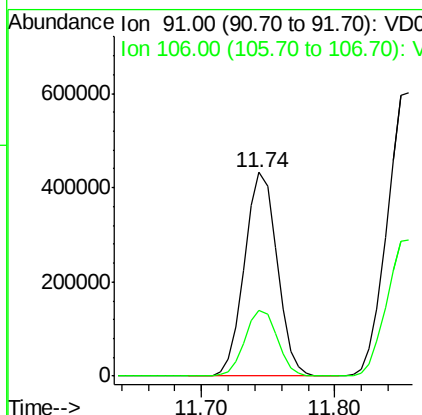
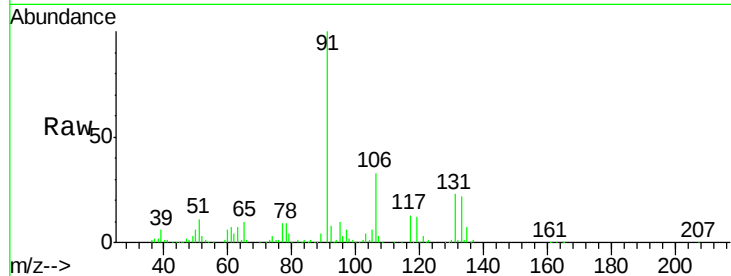




#67
Ethyl Benzene
Concen: 99.781 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

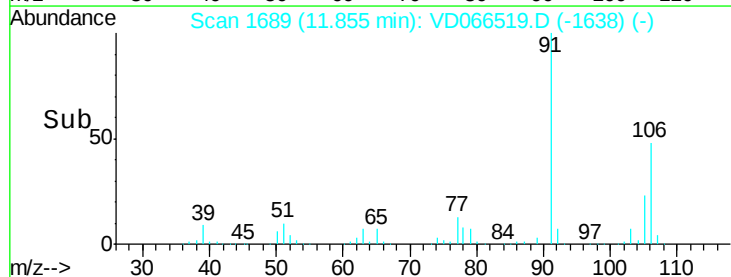
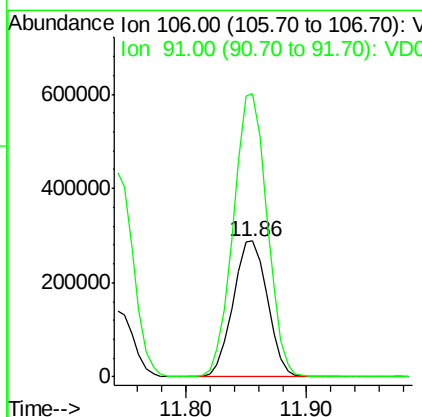
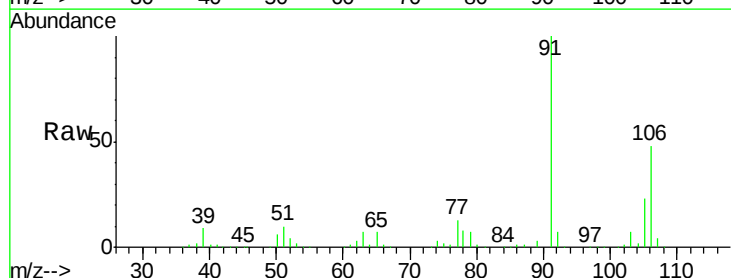
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

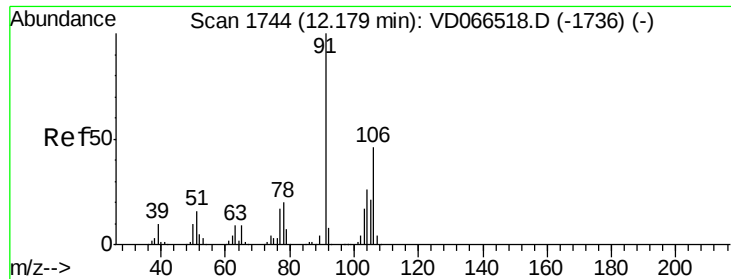
Tgt Ion: 91 Resp: 731630
Ion Ratio Lower Upper
91 100
106 32.6 24.0 36.0



#68
m/p-Xylenes
Concen: 201.990 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Tgt Ion: 106 Resp: 573035
Ion Ratio Lower Upper
106 100
91 205.0 163.3 244.9

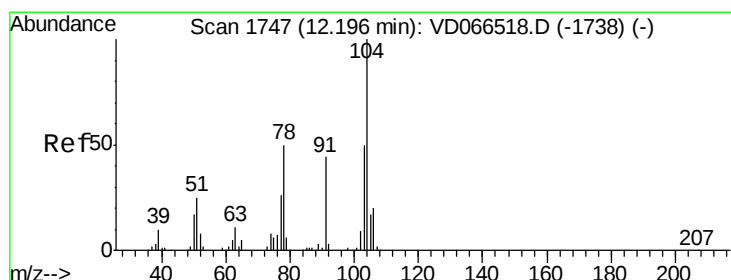
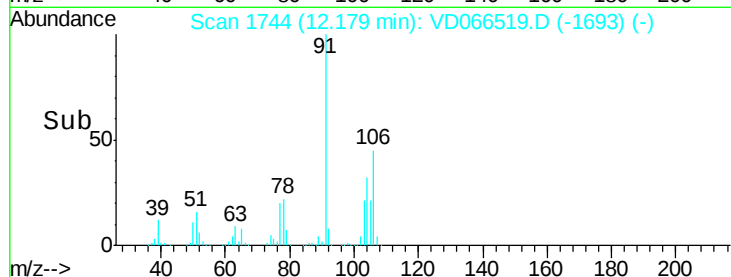
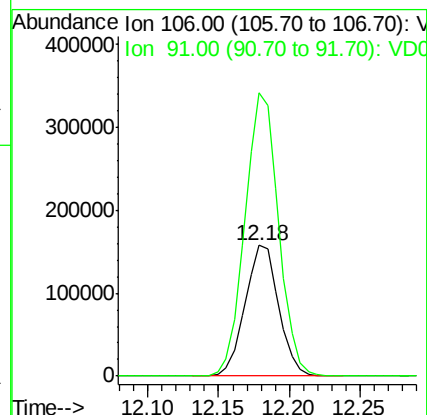
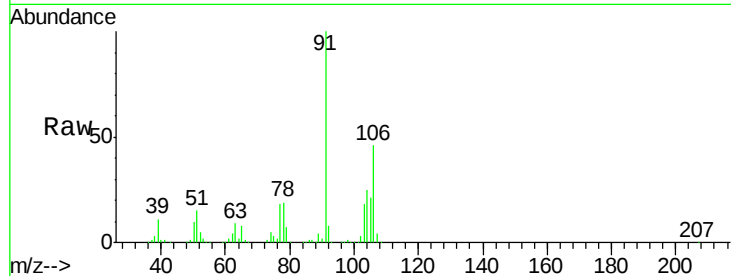




#69
o-Xylene
Concen: 97.789 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

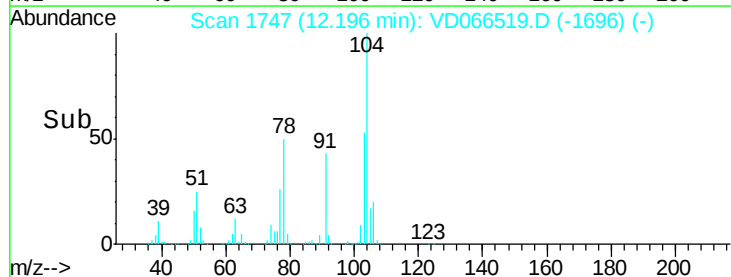
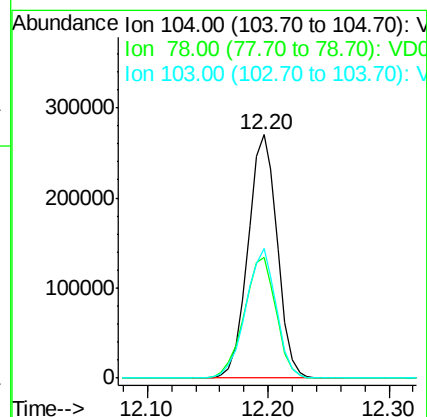
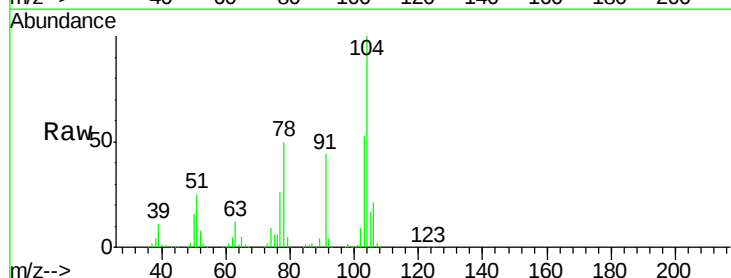
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

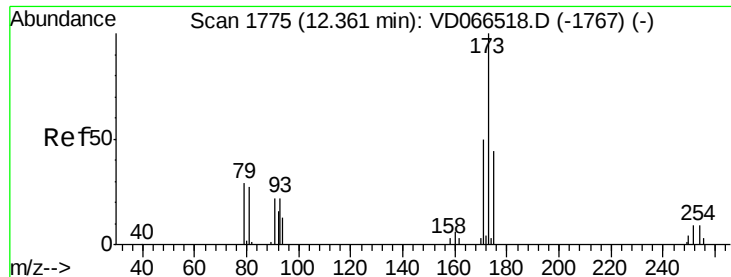
Tgt Ion:106 Resp: 262787
Ion Ratio Lower Upper
106 100
91 216.5 108.7 326.3



#70
Styrene
Concen: 99.008 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Tgt Ion:104 Resp: 455511
Ion Ratio Lower Upper
104 100
78 54.3 44.3 66.5
103 55.2 44.1 66.1





#71

Bromoform

Concen: 99.212 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

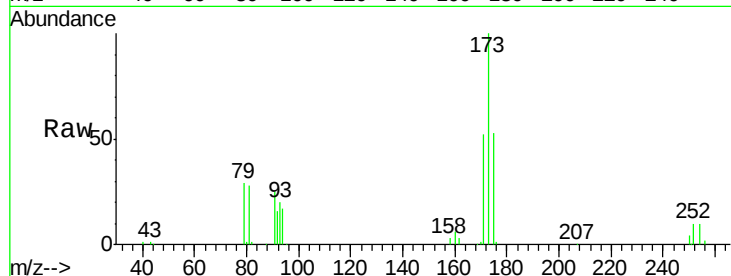
Tgt Ion:173 Resp: 95838

Ion Ratio Lower Upper

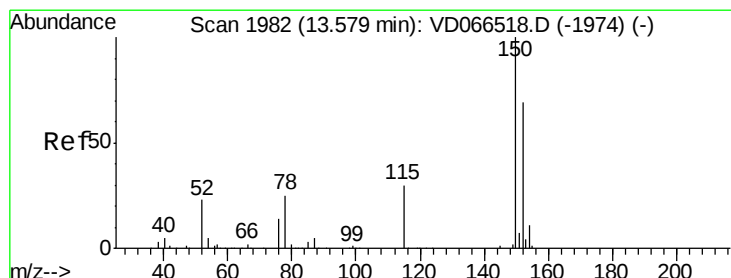
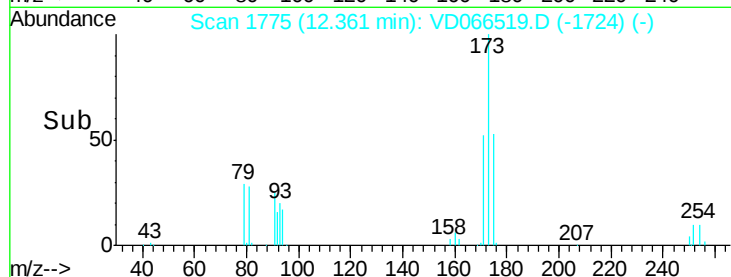
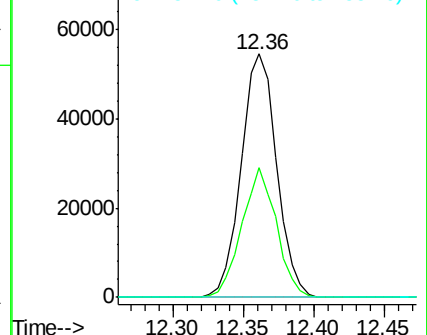
173 100

175 52.0 22.3 66.8

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

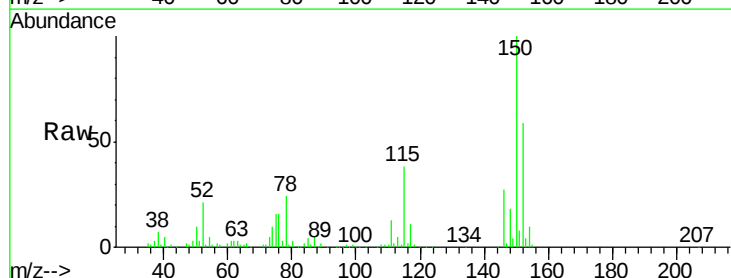
Tgt Ion:152 Resp: 111049

Ion Ratio Lower Upper

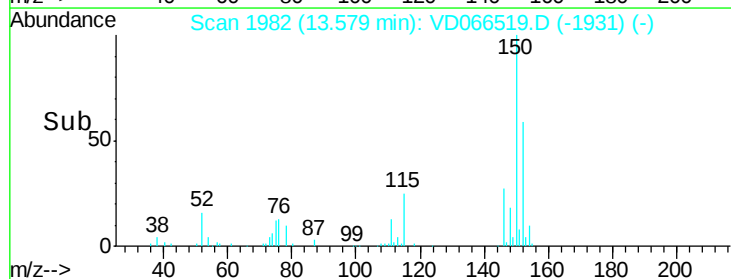
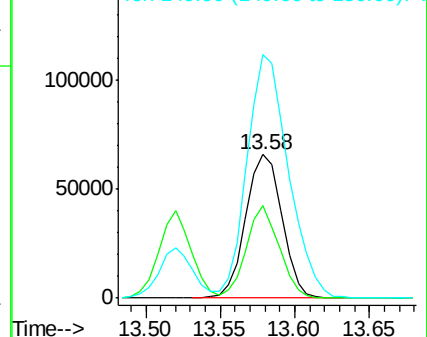
152 100

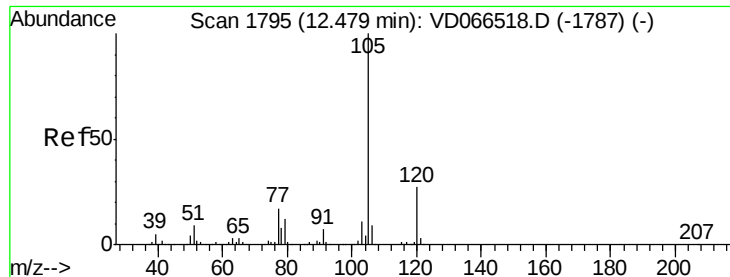
115 58.4 28.9 86.8

150 192.6 0.0 339.6



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: 100.650 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

ClientSampleId :

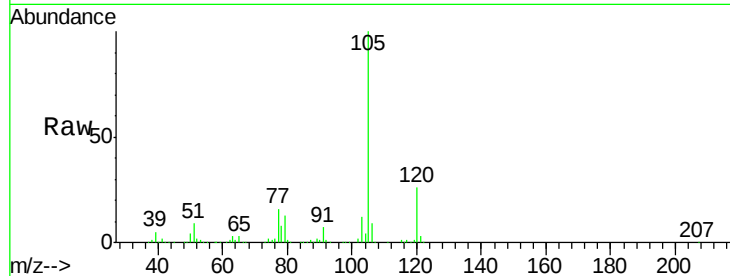
VSTDIC100

Tgt Ion:105 Resp: 746855

Ion Ratio Lower Upper

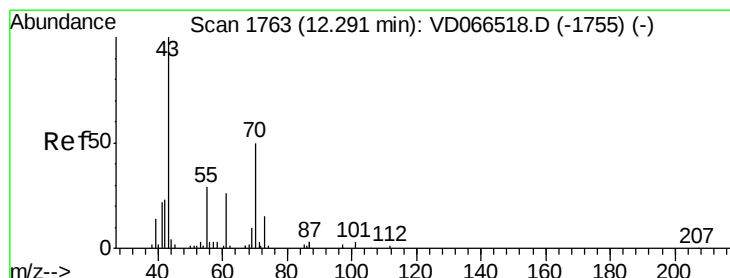
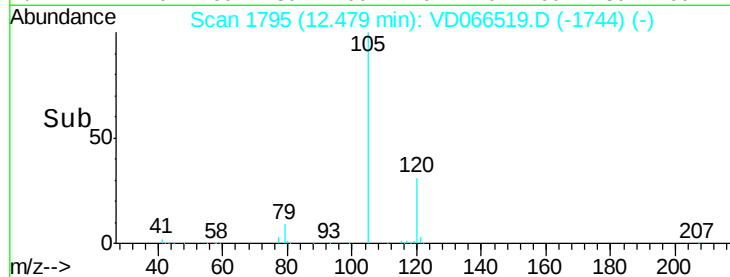
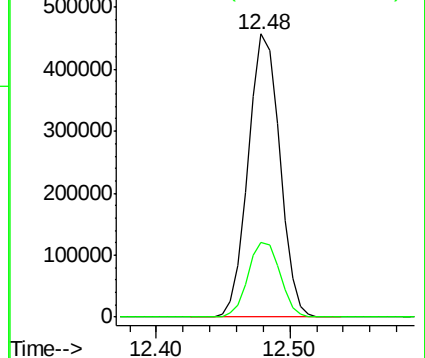
105 100

120 27.0 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 107.182 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Tgt Ion: 43 Resp: 119923

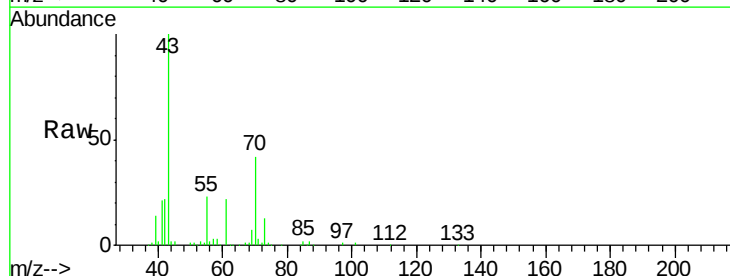
Ion Ratio Lower Upper

43 100

70 43.2 36.2 54.2

55 24.7 20.6 30.8

61 23.9 19.5 29.3

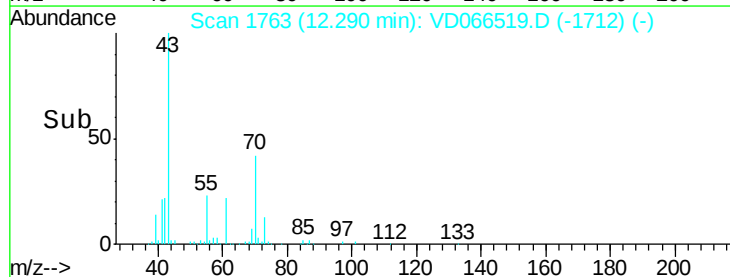
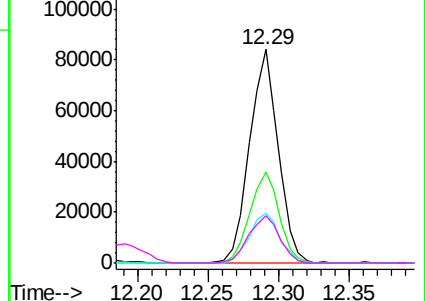


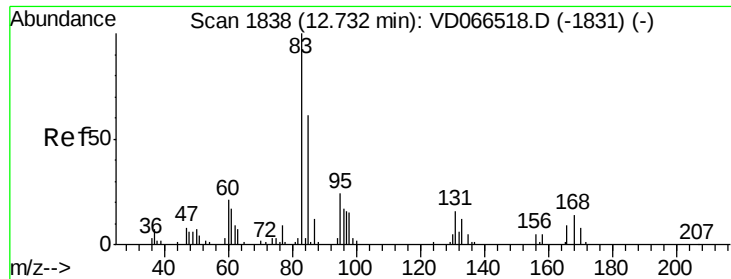
Abundance Ion 43.00 (42.70 to 43.70): V

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: 98.515 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

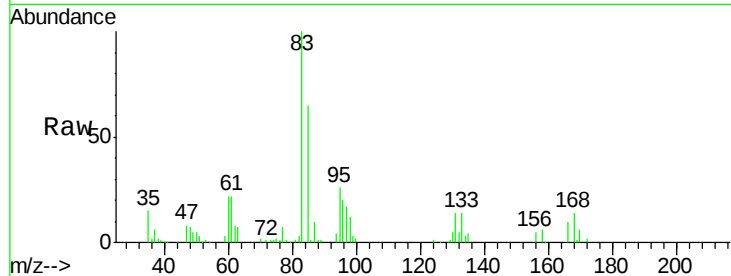
Tgt Ion: 83 Resp: 86382

Ion Ratio Lower Upper

83 100

131 15.9 8.3 24.9

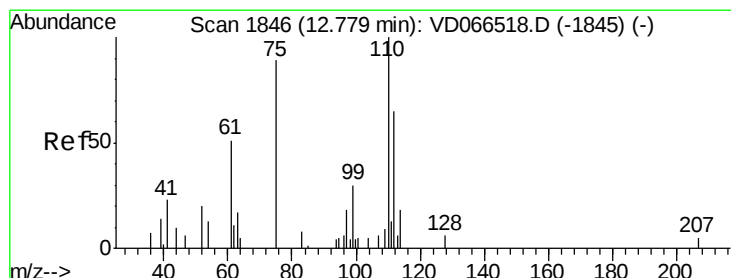
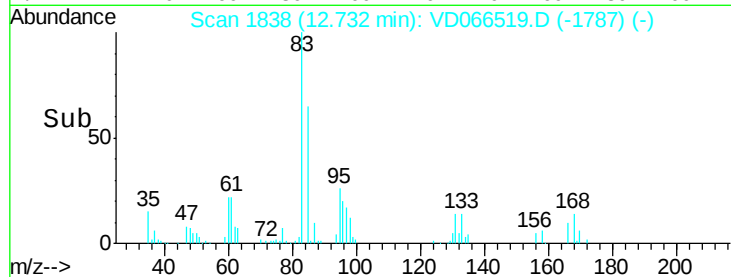
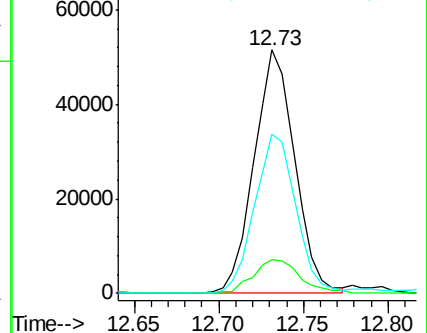
85 66.0 32.6 97.7



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: 210.536 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.01 min

Lab File: VD066519.D

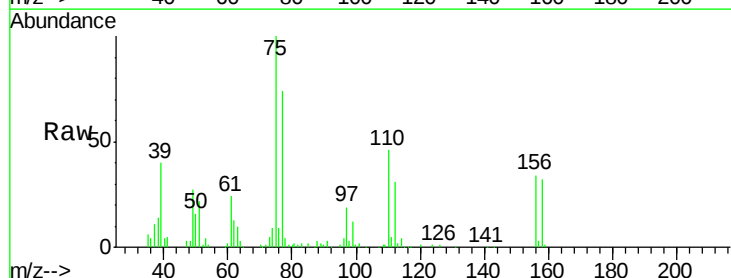
Acq: 02 Sep 2020 13:10

Tgt Ion: 75 Resp: 147669

Ion Ratio Lower Upper

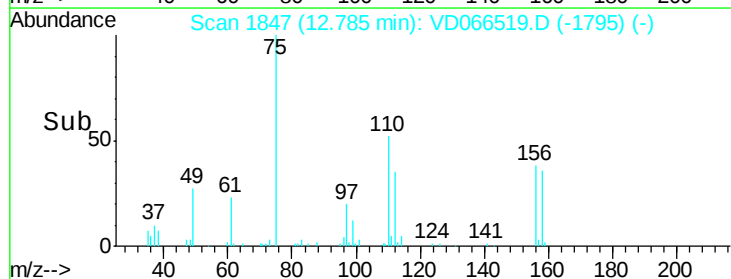
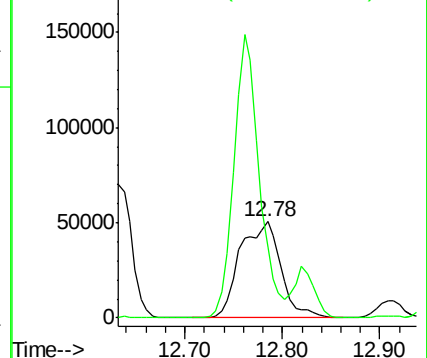
75 100

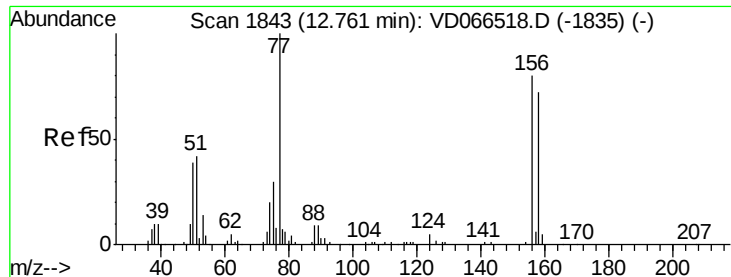
77 0.0 196.9 590.7#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 100.818 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

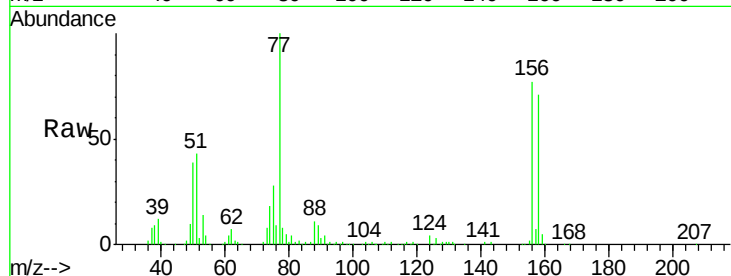
Tgt Ion:156 Resp: 189843

Ion Ratio Lower Upper

156 100

77 141.5 71.0 213.2

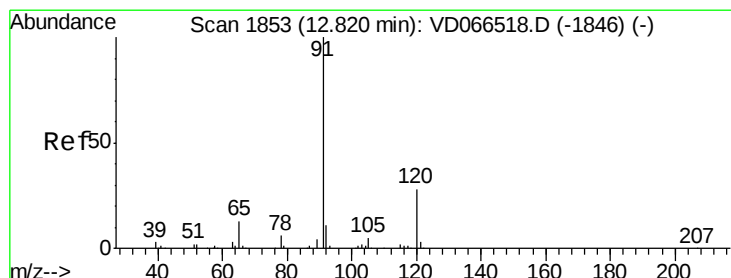
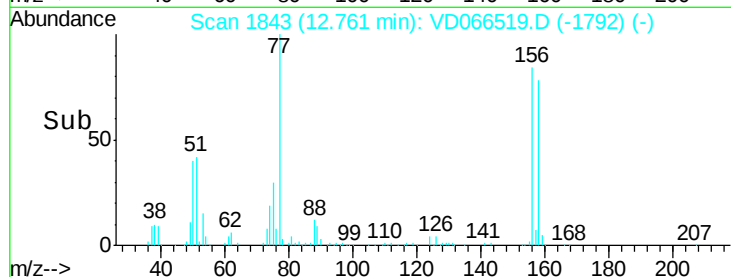
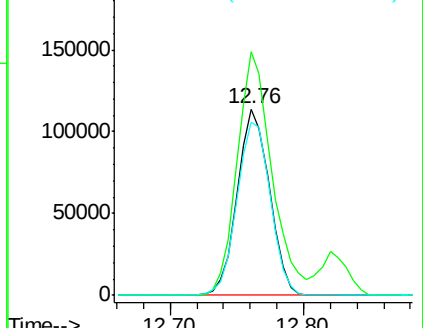
158 96.2 49.5 148.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 99.564 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066519.D

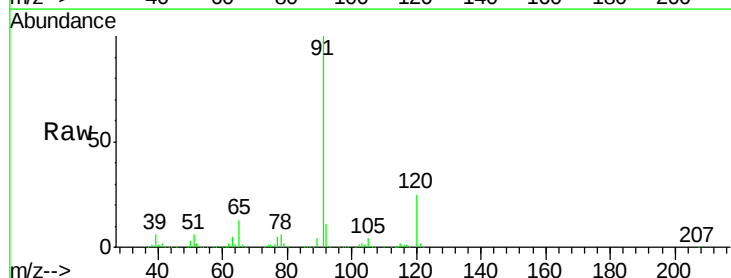
Acq: 02 Sep 2020 13:10

Tgt Ion: 91 Resp: 805061

Ion Ratio Lower Upper

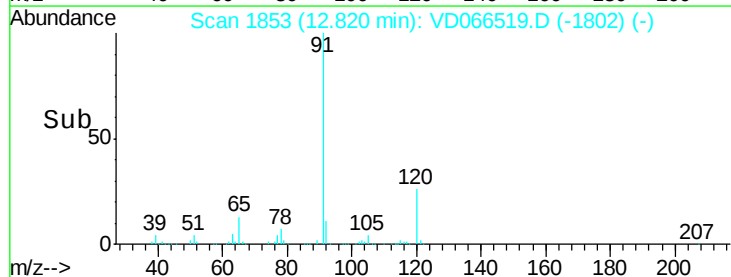
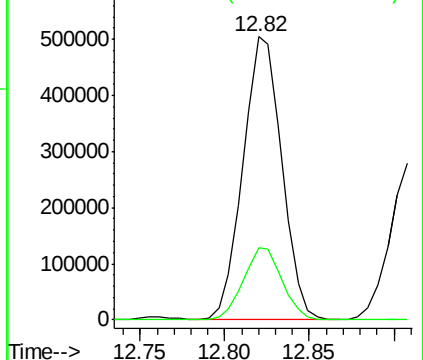
91 100

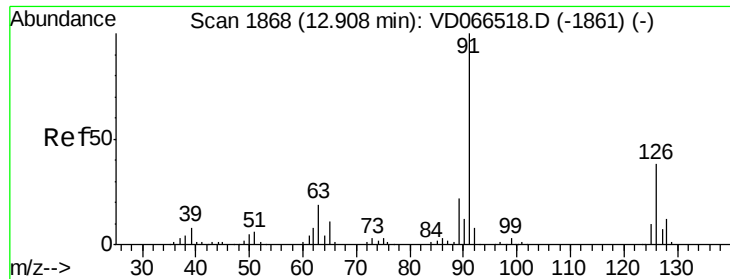
120 25.4 13.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

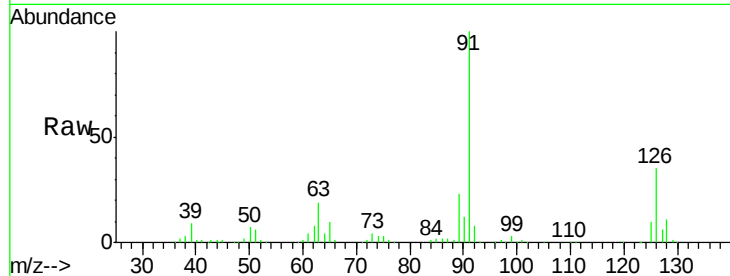




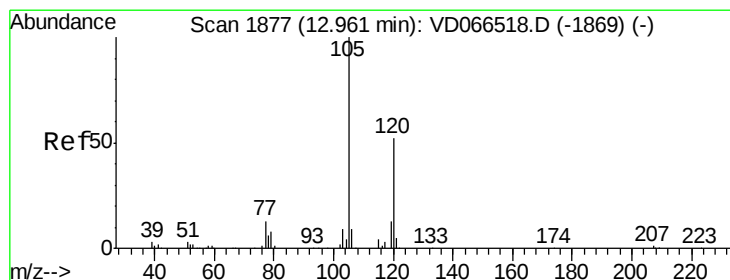
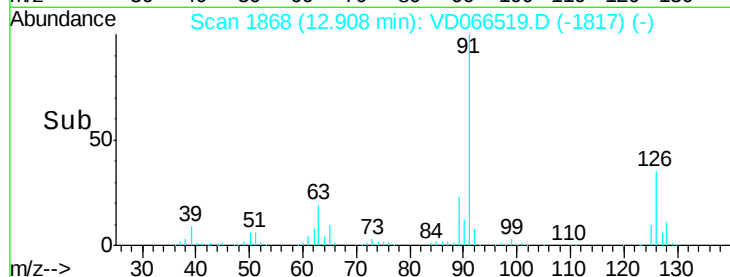
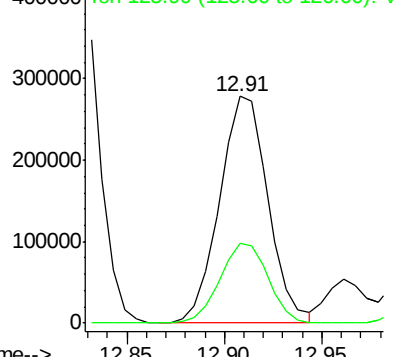
#79
 2-Chlorotoluene
 Concen: 101.779 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tgt Ion: 91 Resp: 476176
 Ion Ratio Lower Upper
 91 100
 126 35.4 18.7 56.1

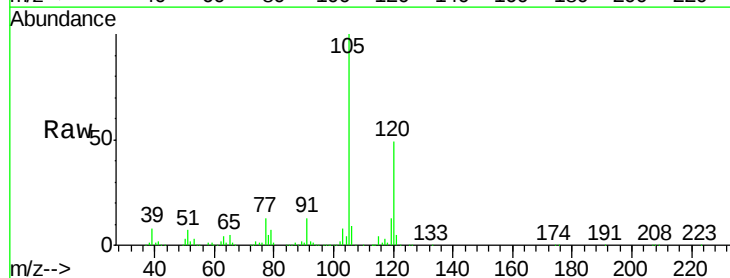


Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 125.90 (125.60 to 126.60): V

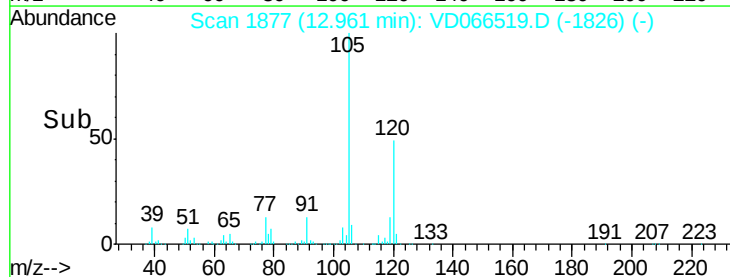
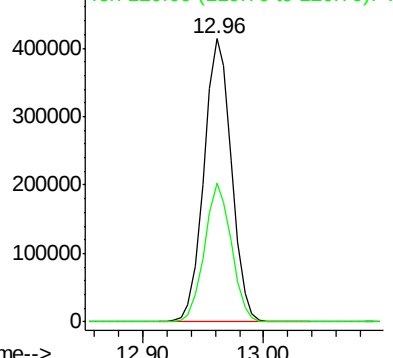


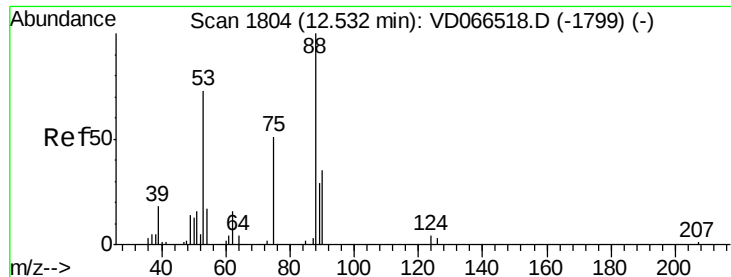
#80
 1,3,5-Trimethylbenzene
 Concen: 101.362 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Tgt Ion: 105 Resp: 653916
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.8 74.4



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: 109.581 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

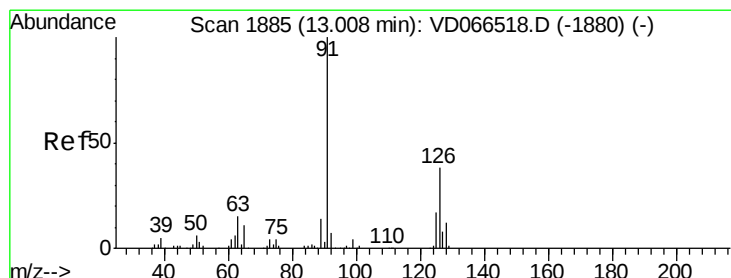
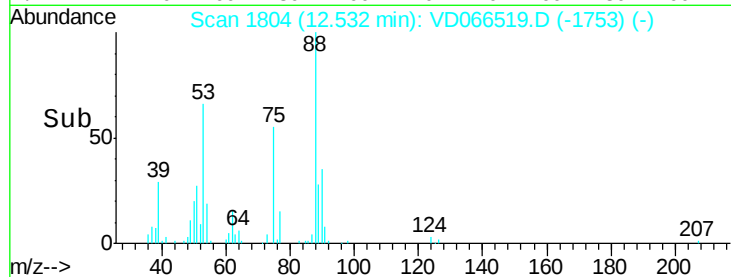
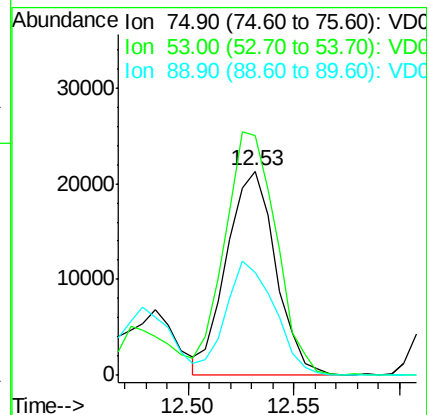
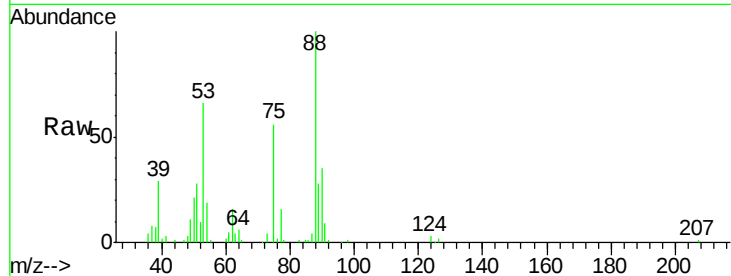
Tgt Ion: 75 Resp: 34375

Ion Ratio Lower Upper

75 100

53 124.9 101.8 152.8

89 55.8 46.0 69.0



#82

4-Chlorotoluene

Concen: 101.401 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066519.D

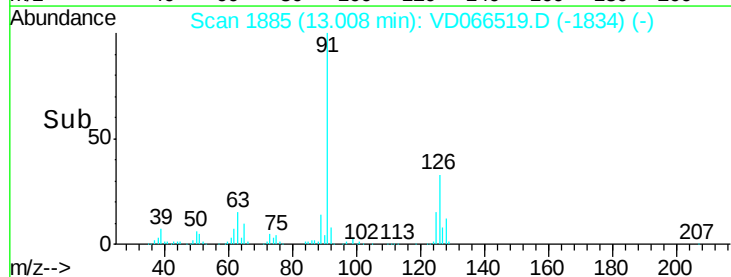
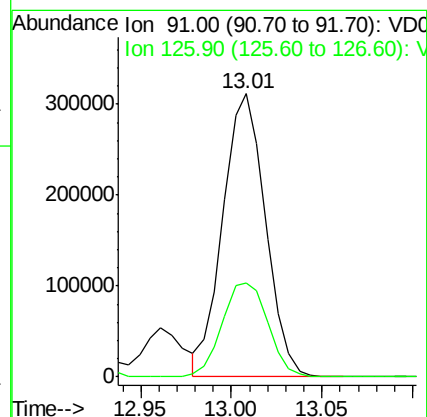
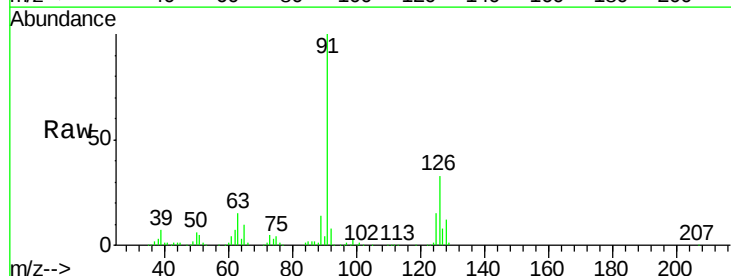
Acq: 02 Sep 2020 13:10

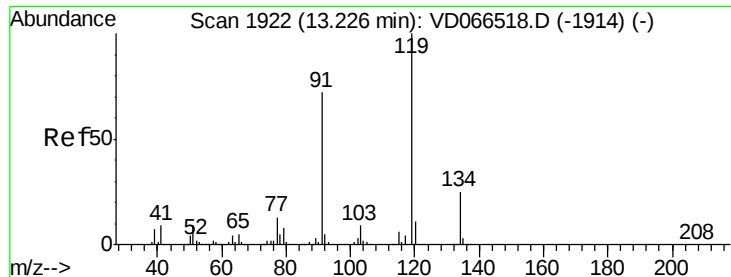
Tgt Ion: 91 Resp: 509563

Ion Ratio Lower Upper

91 100

126 35.6 18.2 54.6

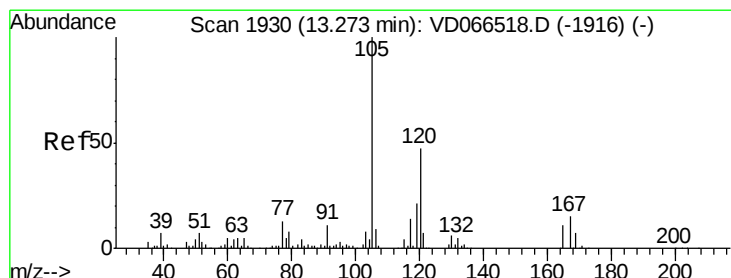
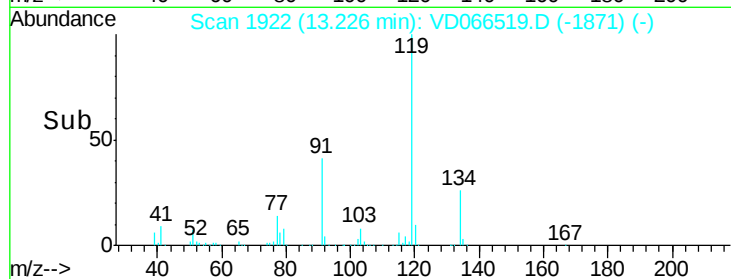
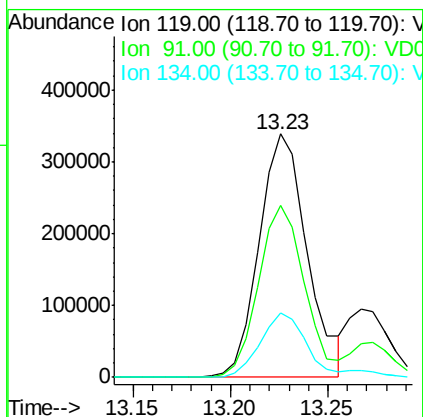
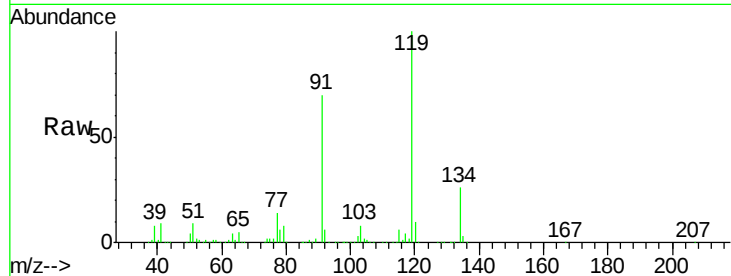




#83
 tert-Butylbenzene
 Concen: 102.176 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

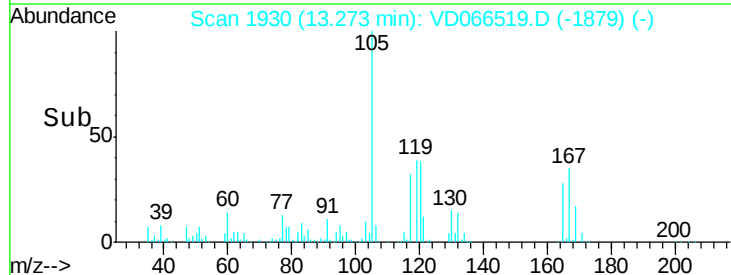
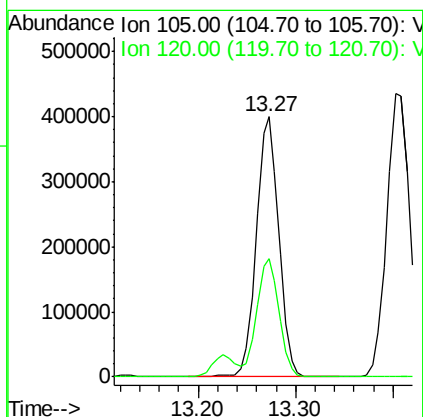
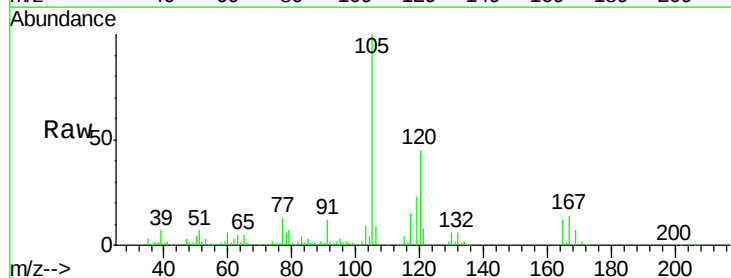
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

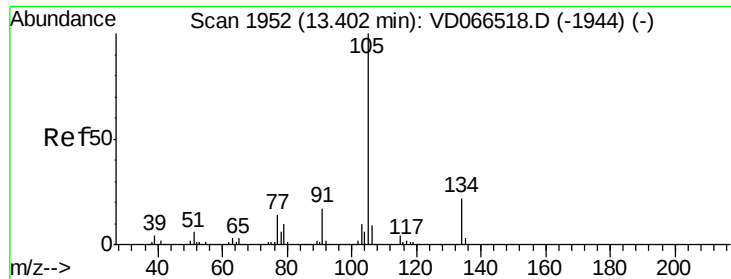
Tgt Ion:119 Resp: 578162
 Ion Ratio Lower Upper
 119 100
 91 67.8 34.4 103.2
 134 26.9 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 100.558 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Tgt Ion:105 Resp: 648830
 Ion Ratio Lower Upper
 105 100
 120 45.0 21.7 65.1

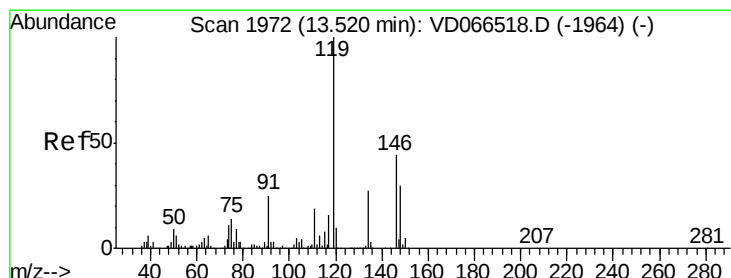
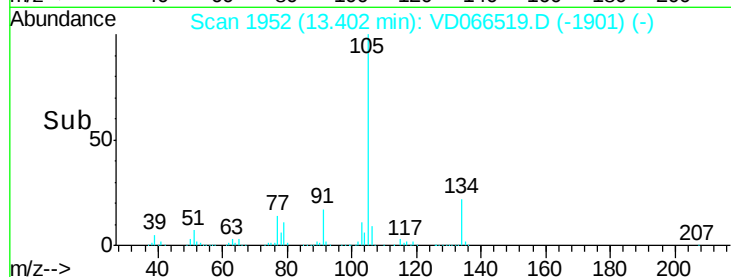
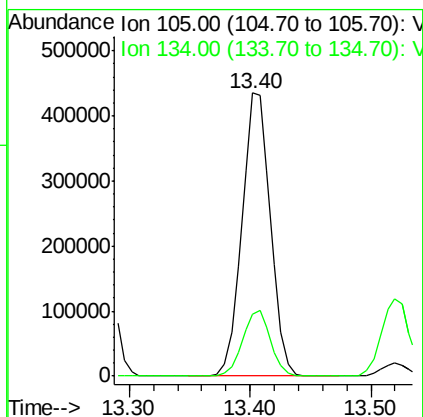
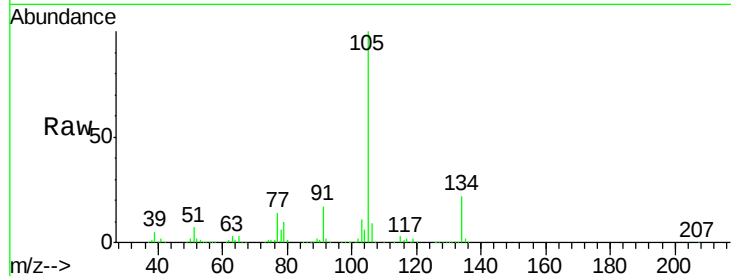




#85
 sec-Butylbenzene
 Concen: 99.469 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

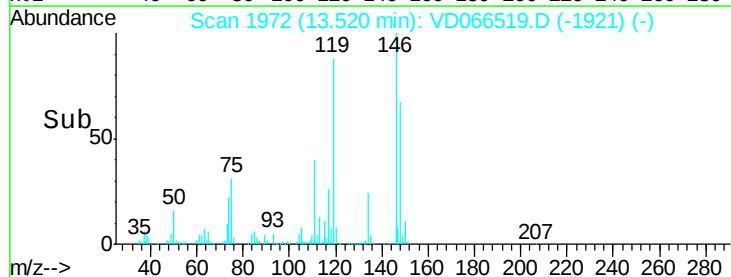
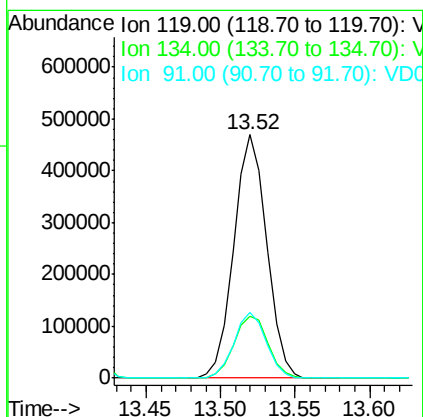
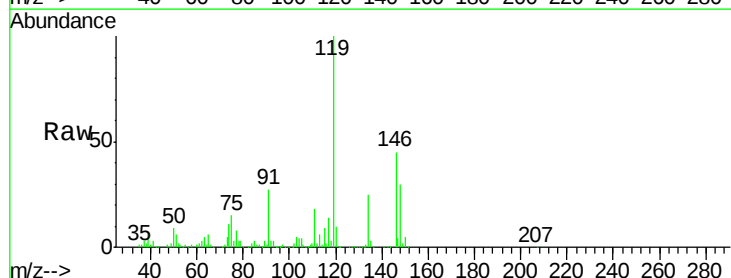
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

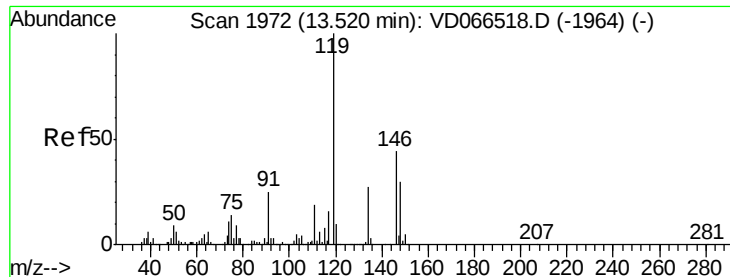
Tgt Ion:105 Resp: 713036
 Ion Ratio Lower Upper
 105 100
 134 22.6 11.5 34.4



#86
 p-Isopropyltoluene
 Concen: 100.447 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Tgt Ion:119 Resp: 719689
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.5 40.4
 91 26.6 13.0 39.0

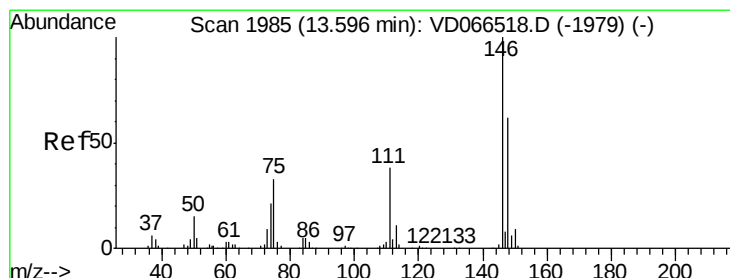
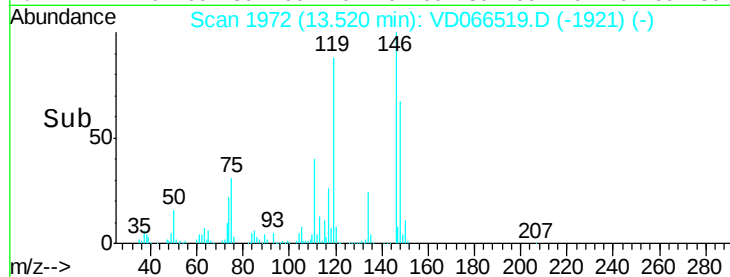
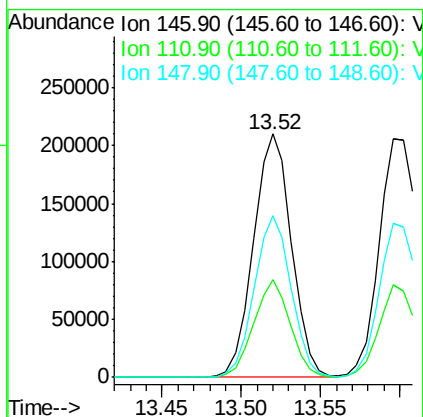
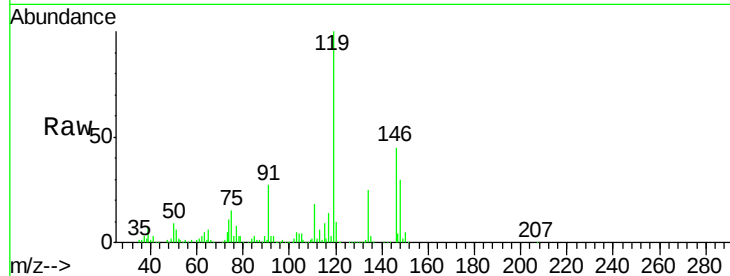




#87
 1,3-Dichlorobenzene
 Concen: 100.431 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

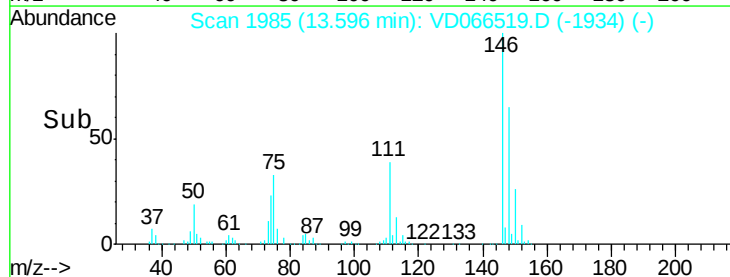
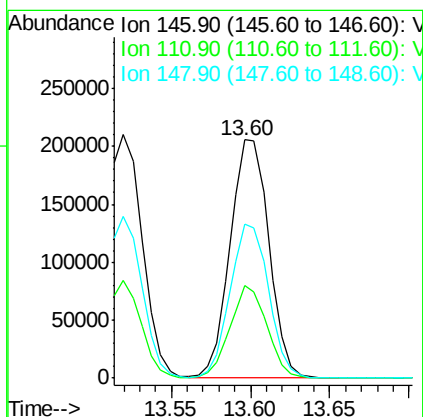
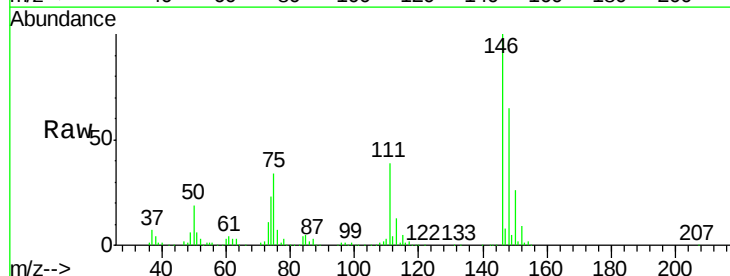
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

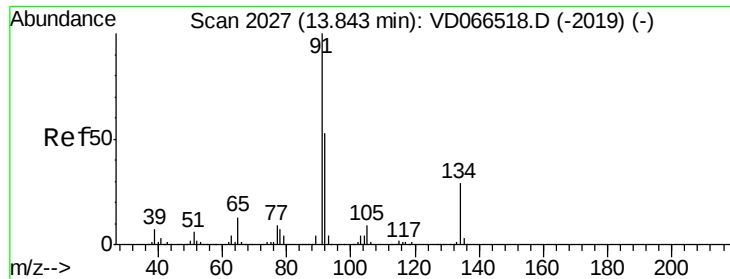
Tgt Ion:146 Resp: 350742
 Ion Ratio Lower Upper
 146 100
 111 38.1 20.3 61.0
 148 64.5 32.3 96.9



#88
 1,4-Dichlorobenzene
 Concen: 98.849 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Tgt Ion:146 Resp: 349234
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.4 55.4
 148 64.3 31.5 94.5

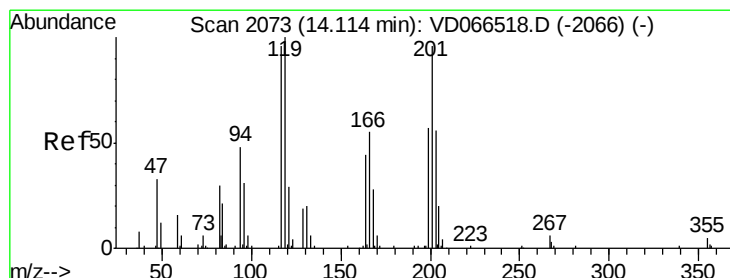
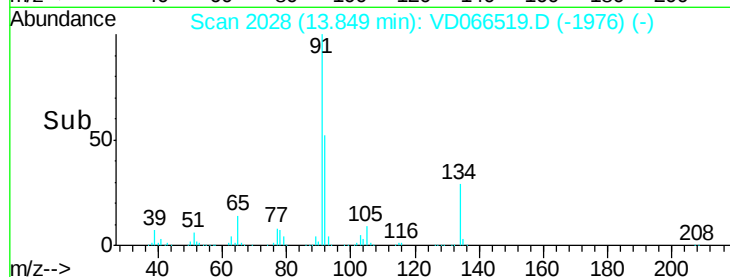
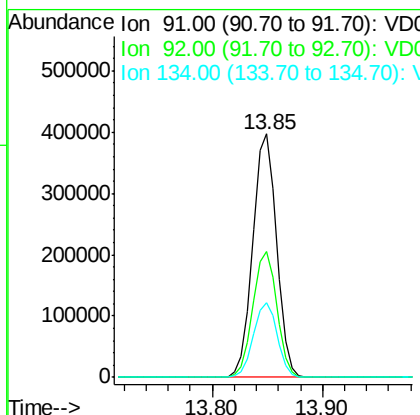
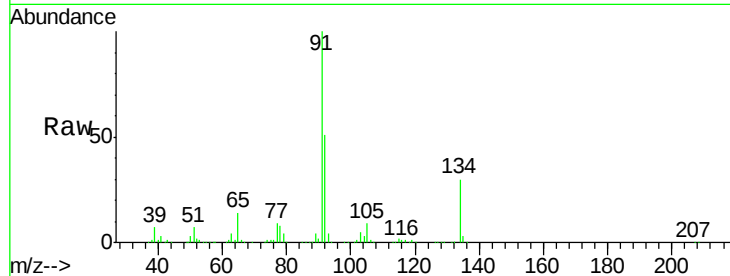




#89
n-Butylbenzene
Concen: 100.290 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

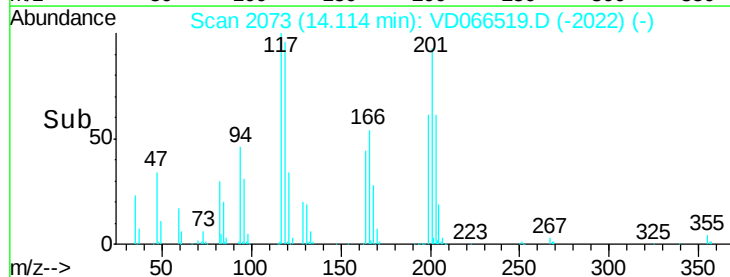
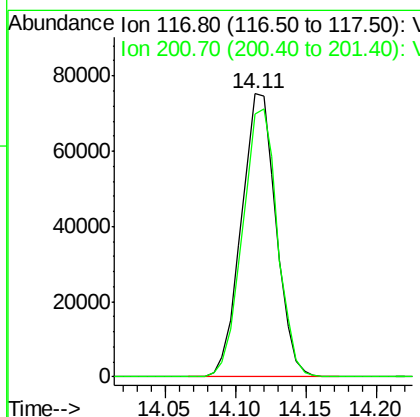
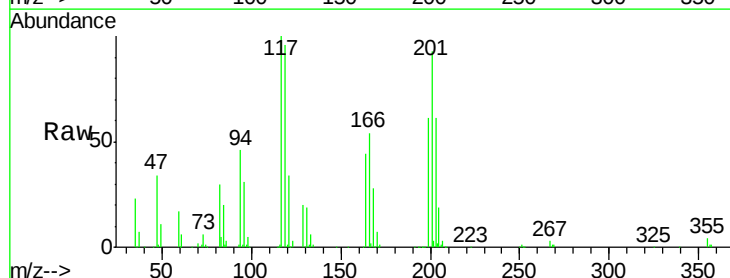
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

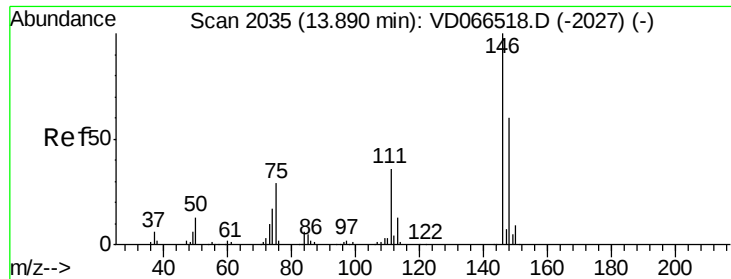
Tgt Ion: 91 Resp: 601884
Ion Ratio Lower Upper
91 100
92 52.3 26.9 80.7
134 30.7 15.0 45.1



#90
Hexachloroethane
Concen: 100.972 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Tgt Ion: 117 Resp: 129826
Ion Ratio Lower Upper
117 100
201 95.2 50.0 150.0





#91

1,2-Dichlorobenzene

Concen: 100.200 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

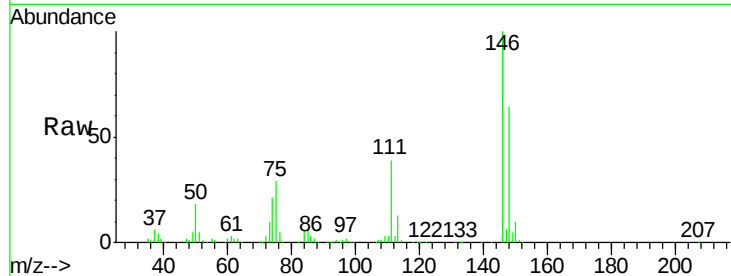
Tgt Ion:146 Resp: 304375

Ion Ratio Lower Upper

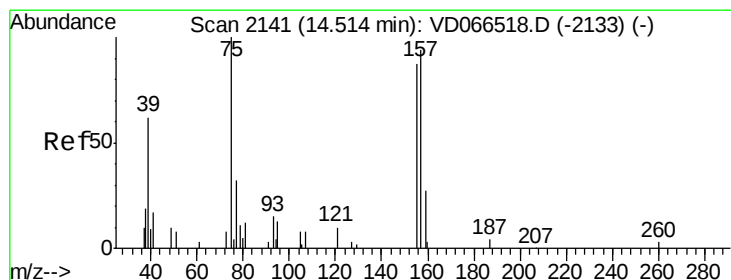
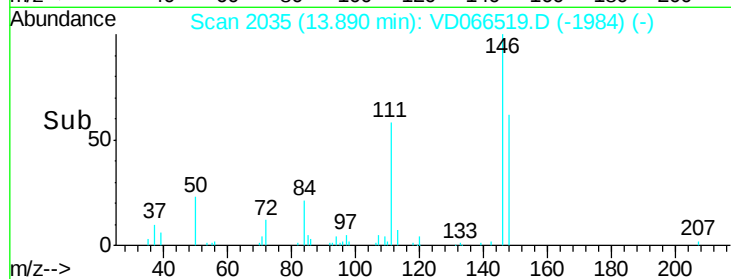
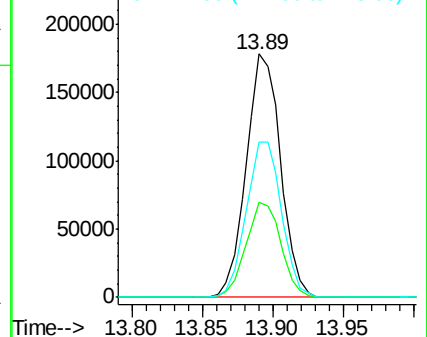
146 100

111 39.9 20.1 60.2

148 65.3 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 101.788 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

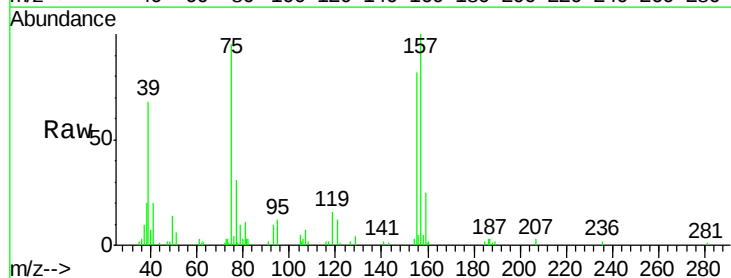
Tgt Ion: 75 Resp: 23604

Ion Ratio Lower Upper

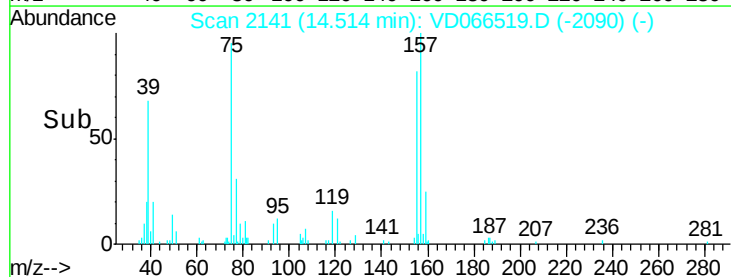
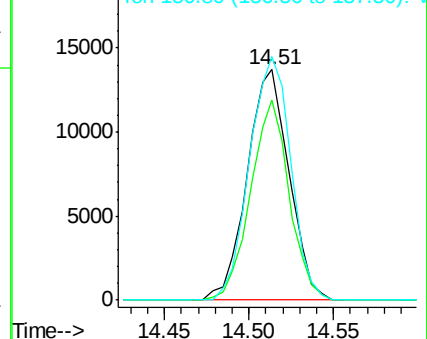
75 100

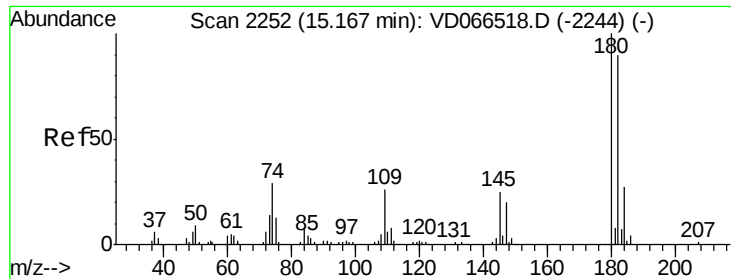
155 79.9 40.8 122.5

157 104.0 49.3 147.8



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

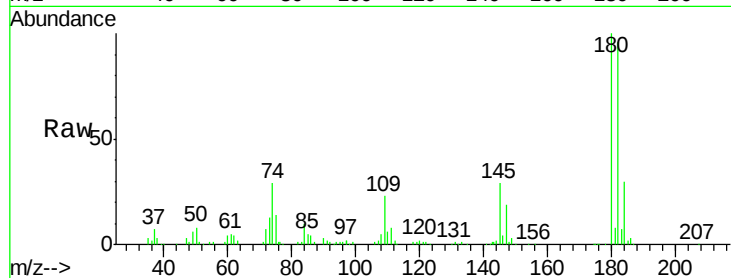




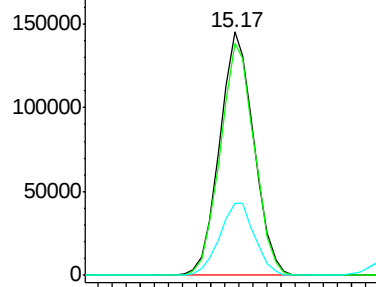
#93
 1,2,4-Trichlorobenzene
 Concen: 103.023 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

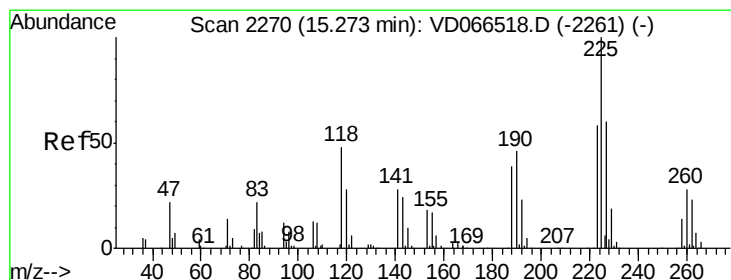
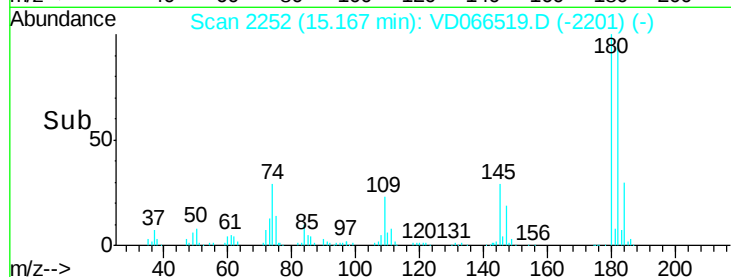
Tgt Ion:180 Resp: 247011
 Ion Ratio Lower Upper
 180 100
 182 95.2 46.9 140.6
 145 30.6 15.0 45.1



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

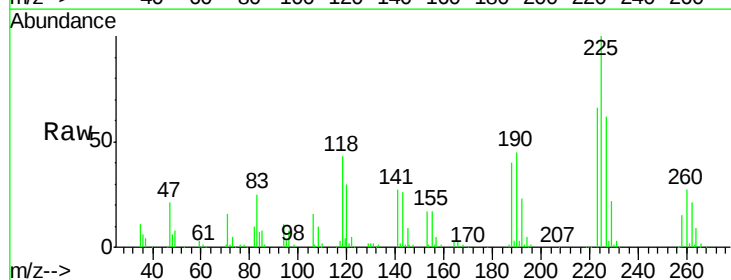


Time-->

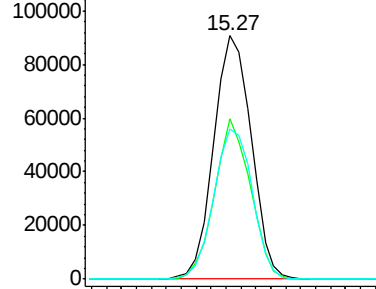


#94
 Hexachlorobutadiene
 Concen: 101.597 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

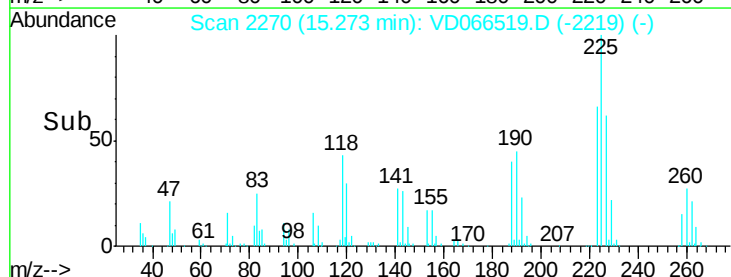
Tgt Ion:225 Resp: 157908
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.6 94.7
 227 63.4 31.4 94.3

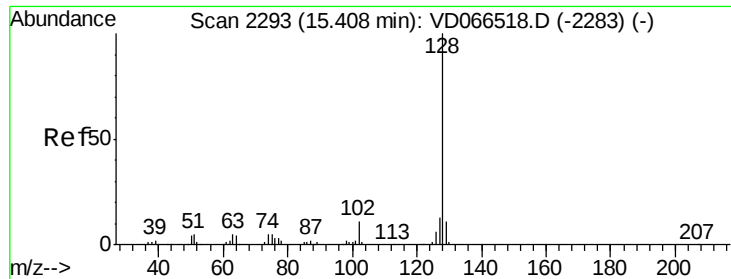


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->

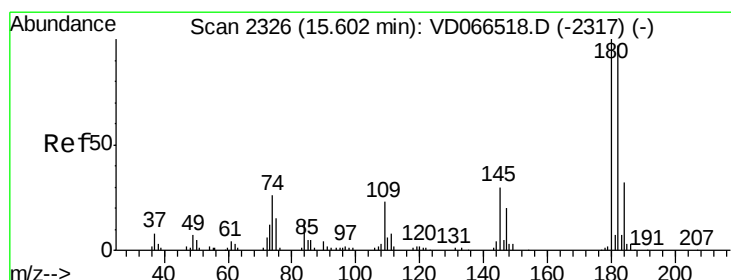
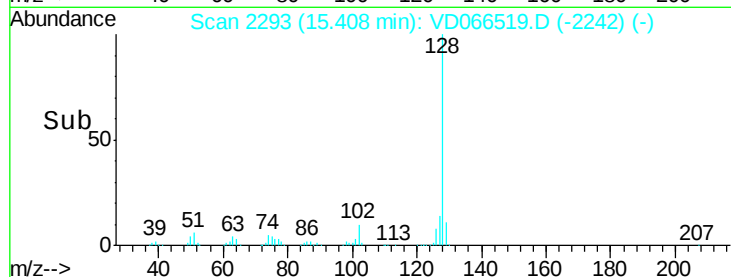
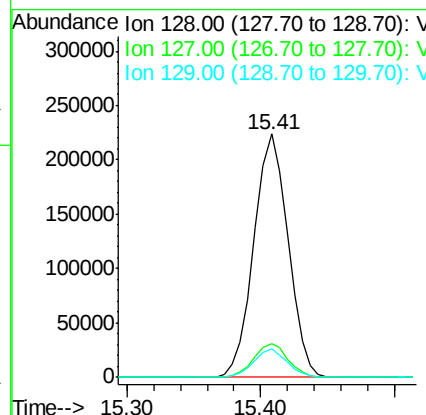
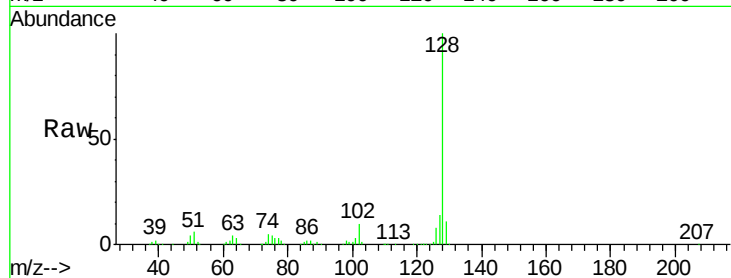




#95
Naphthalene
Concen: 106.443 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 396715
Ion Ratio Lower Upper
128 100
127 13.9 11.1 16.7
129 11.3 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 101.963 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Tgt Ion:180 Resp: 211240
Ion Ratio Lower Upper
180 100
182 94.1 47.5 142.5
145 32.2 16.2 48.6

