

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092420\
 Data File : VD066849.D
 Acq On : 24 Sep 2020 14:20
 Operator : VA/SY
 Sample : L4125-06
 Misc : 5.05G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-24

Quant Time: Sep 25 01:09:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	398413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	718999	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	712614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	326844	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	218858	56.12	ug/l	0.00
Spiked Amount 50.000			Recovery =	112.24%		
35) Dibromofluoromethane	7.91	113	231063	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.02%		
50) Toluene-d8	10.34	98	867589	55.67	ug/l	0.00
Spiked Amount 50.000			Recovery =	111.34%		
62) 4-Bromofluorobenzene	12.63	95	301585	56.53	ug/l	0.00
Spiked Amount 50.000			Recovery =	113.06%		

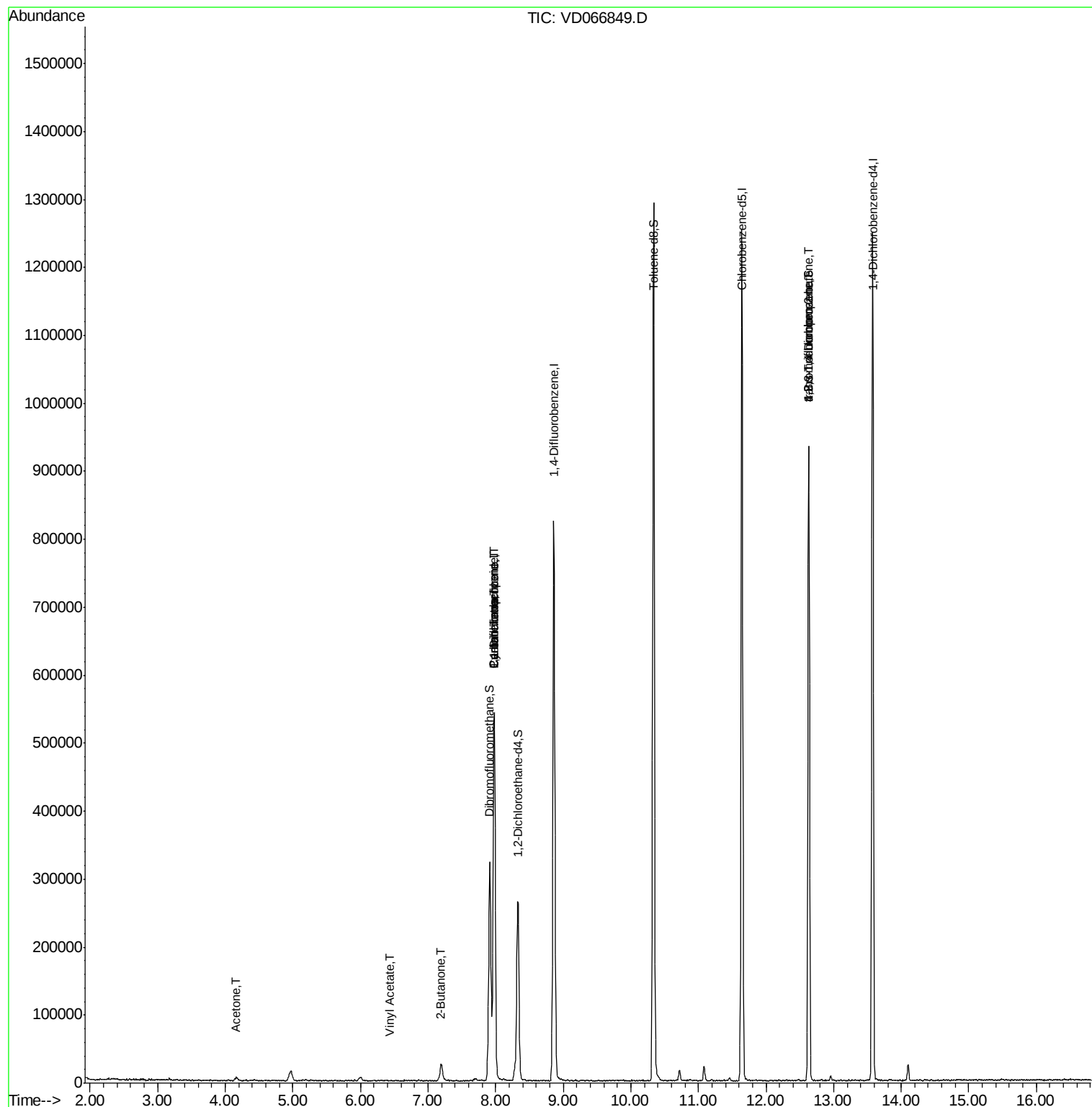
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	254	Below Cal	#	46
11) Tert butyl alcohol	5.23	59	514	Below Cal	#	72
16) Acetone	4.16	43	8623	10.424	ug/l	97
18) Methyl Acetate	4.62	43	64	Below Cal	#	50
20) Methylene Chloride	4.97	84	11173	Below Cal		93
23) Vinyl Acetate	6.43	43	132	2.692	ug/l #	71
25) 2-Butanone	7.20	43	1130	1.137	ug/l #	46
31) Cyclohexane	7.98	56	8485	1.197	ug/l #	33
36) 1,1-Dichloropropene	7.97	75	32308	4.529	ug/l #	50
38) Carbon Tetrachloride	7.98	117	40489	5.192	ug/l #	19
76) 1,2,3-Trichloropropane	12.63	75	156077	57.622	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	156077	144.166	ug/l #	10

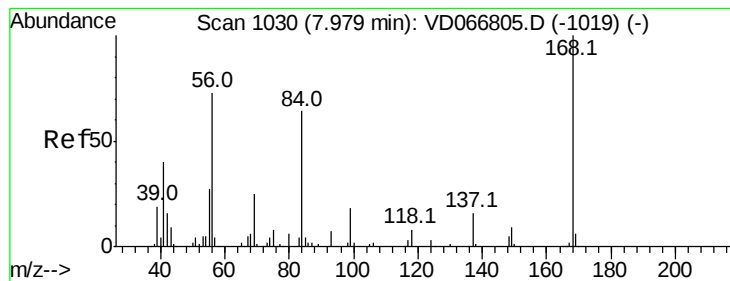
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092420\
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Quant Time: Sep 25 01:09:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066849.D

Acq: 24 Sep 2020 14:20

Instrument :

MSVOA_D

ClientSampleId :

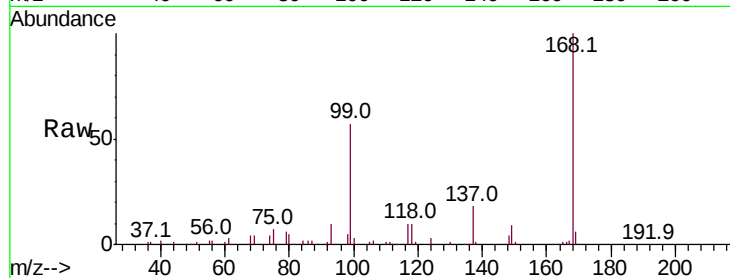
CS-24

Tot Ion:168 Resp: 398413

Ion Ratio Lower Upper

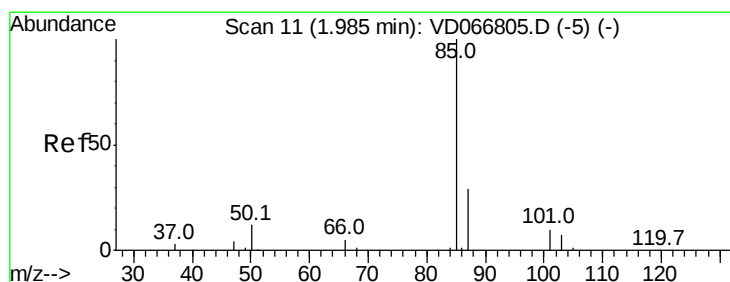
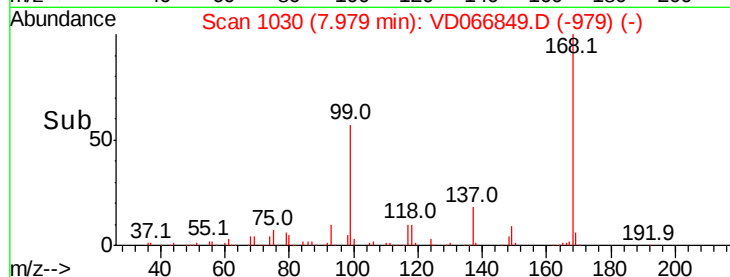
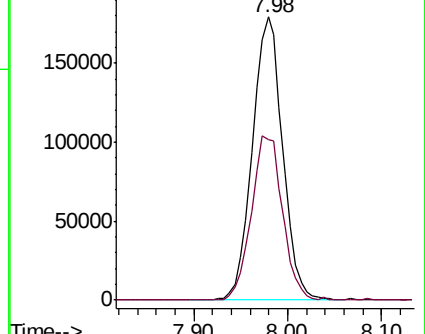
168 100

99 56.5 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD066849.D

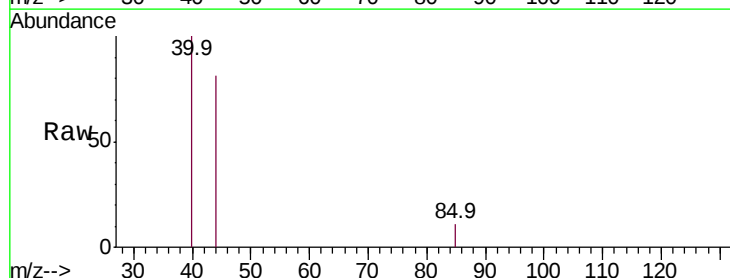
Acq: 24 Sep 2020 14:20

Tgt Ion: 85 Resp: 254

Ion Ratio Lower Upper

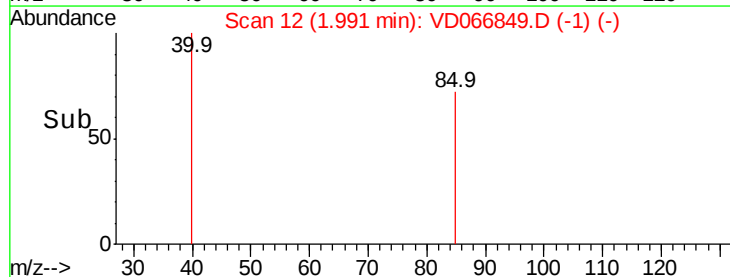
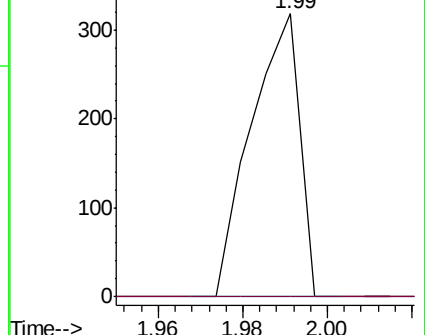
85 100

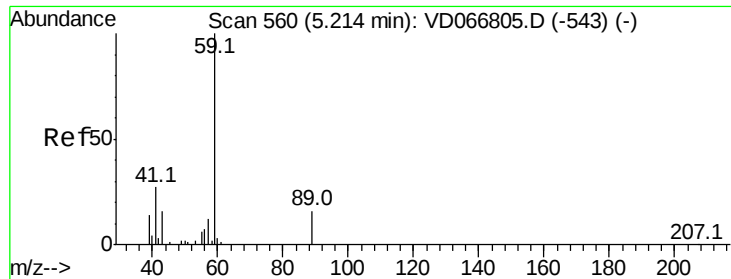
87 0.0 14.5 43.5#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC



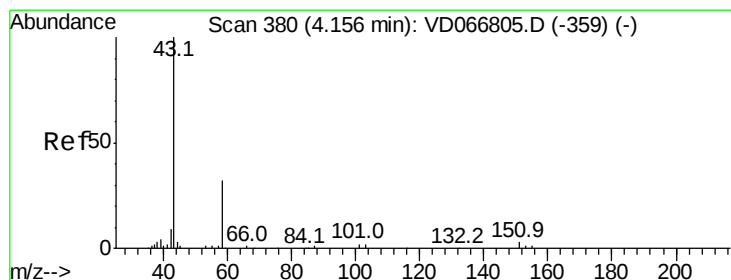
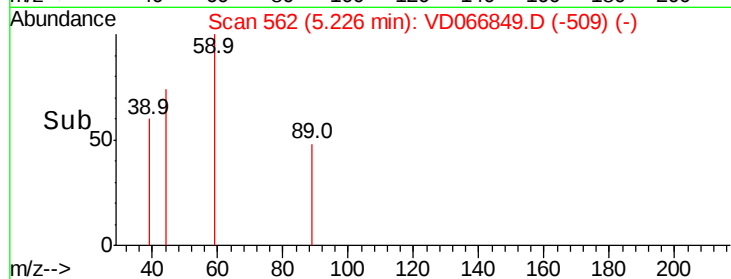
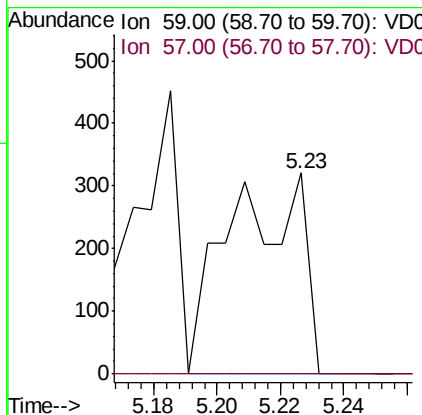
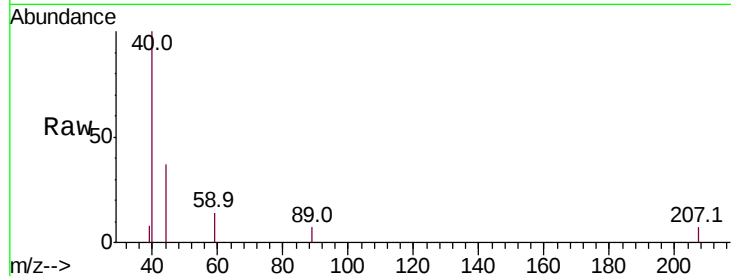


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.23 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: VD066849.D
 Acq: 24 Sep 2020 14:20

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-24

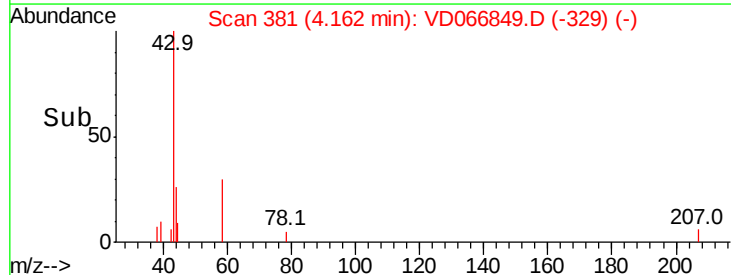
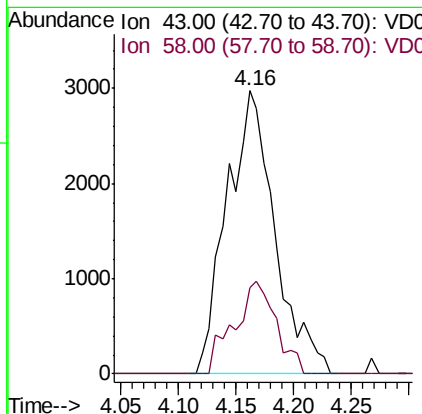
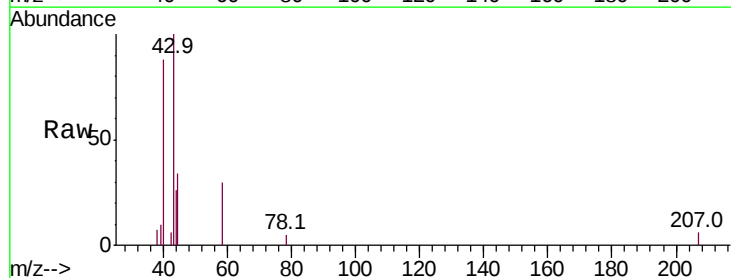
Tot Ion: 59 Resp: 514
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

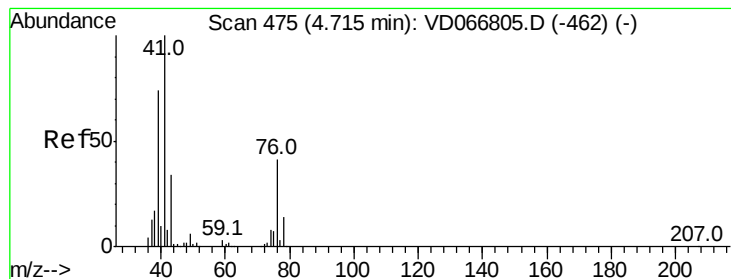


#16

Acetone
 Concen: 10.424 ug/l
 RT: 4.16 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VD066849.D
 Acq: 24 Sep 2020 14:20

Tgt Ion: 43 Resp: 8623
 Ion Ratio Lower Upper
 43 100
 58 30.5 25.6 38.4





#18

Methyl Acetate

Concen: Below Cal

RT: 4.62 min Scan# 459

Delta R.T. -0.09 min

Lab File: VD066849.D

Acq: 24 Sep 2020 14:20

Instrument :

MSVOA_D

ClientSampleId :

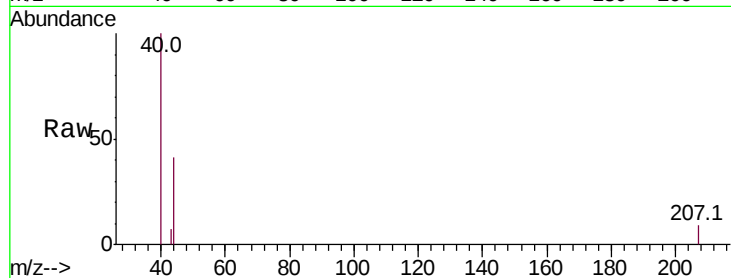
CS-24

Tot Ion: 43 Resp: 64

Ion Ratio Lower Upper

43 100

74 0.0 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.62

200

150

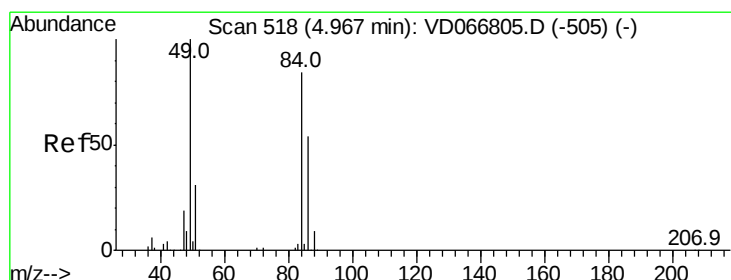
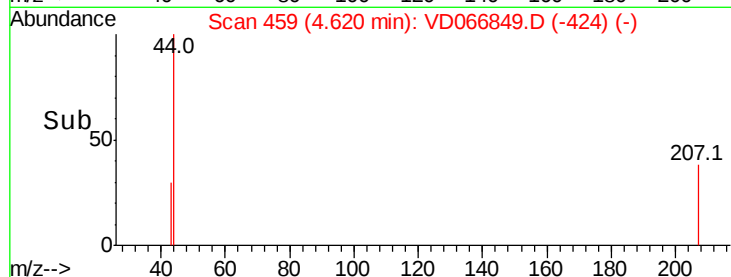
100

50

0

4.60 4.61 4.62 4.63 4.64

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD066849.D

Acq: 24 Sep 2020 14:20

Tgt Ion: 84 Resp: 11173

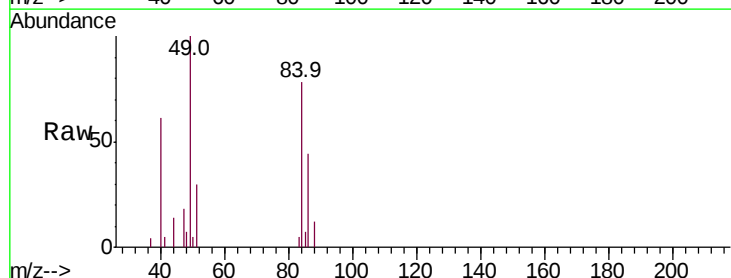
Ion Ratio Lower Upper

84 100

49 127.8 95.4 143.2

51 38.9 29.7 44.5

86 56.7 51.4 77.2



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

6000

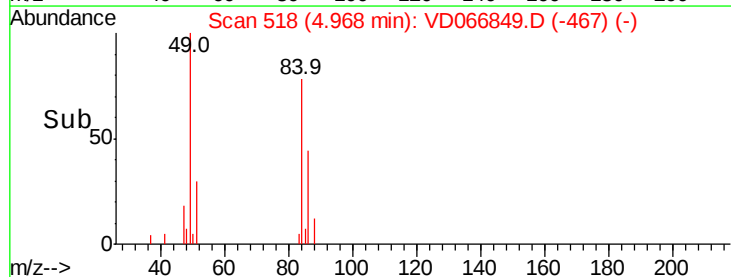
4000

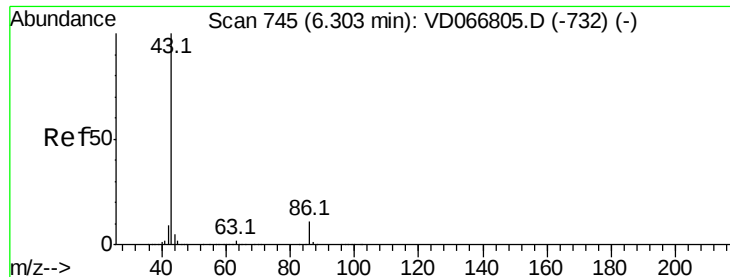
2000

0

4.85 4.90 4.95 5.00 5.05

Time-->





#23

Vinyl Acetate

Concen: 2.692 ug/l

RT: 6.43 min Scan# 766

Delta R.T. 0.12 min

Lab File: VD066849.D

Acq: 24 Sep 2020 14:20

Instrument :

MSVOA_D

ClientSampleId :

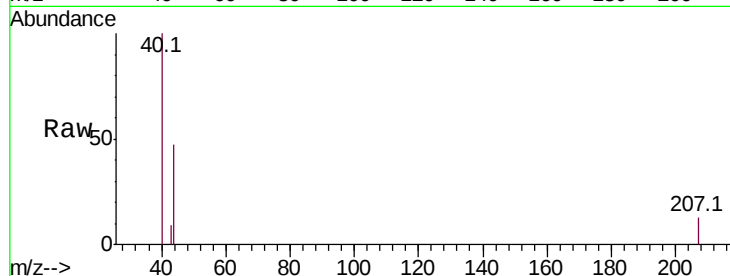
CS-24

Tot Ion: 43 Resp: 132

Ion Ratio Lower Upper

43 100

86 0.0 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.43

200

150

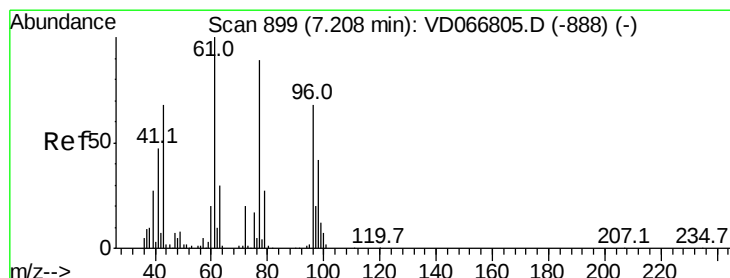
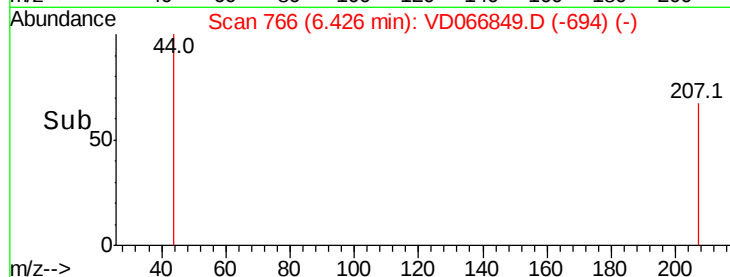
100

50

0

6.40 6.42 6.44

Time-->



#25

2-Butanone

Concen: 1.137 ug/l

RT: 7.20 min Scan# 897

Delta R.T. -0.01 min

Lab File: VD066849.D

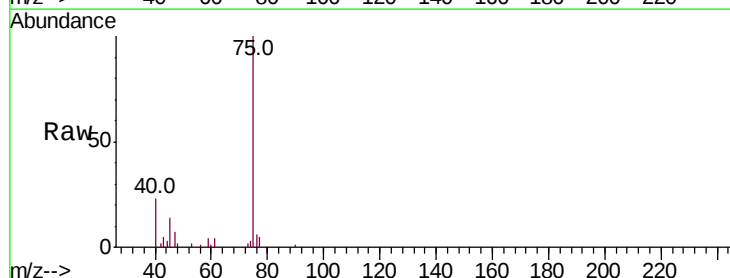
Acq: 24 Sep 2020 14:20

Tgt Ion: 43 Resp: 1130

Ion Ratio Lower Upper

43 100

72 0.0 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

7.20

800

600

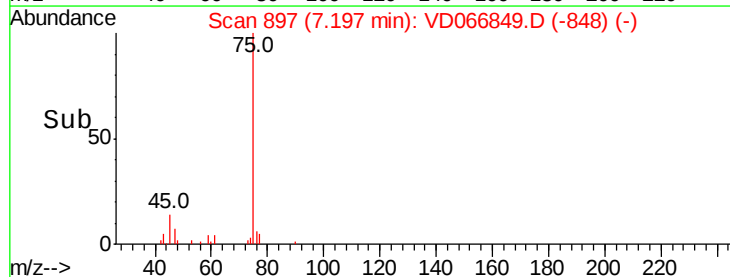
400

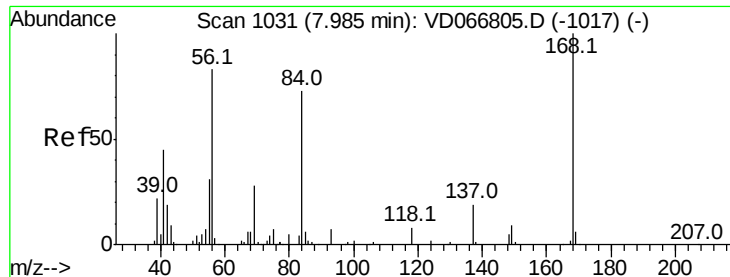
200

0

7.14 7.16 7.18 7.20 7.22

Time-->

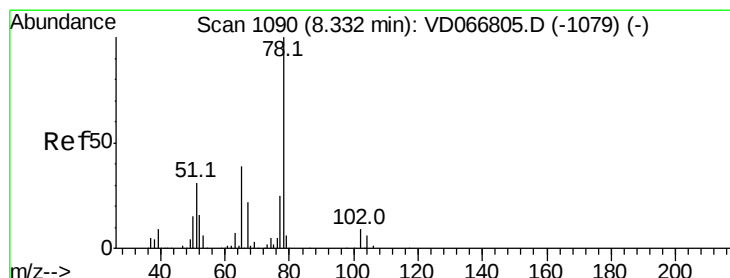
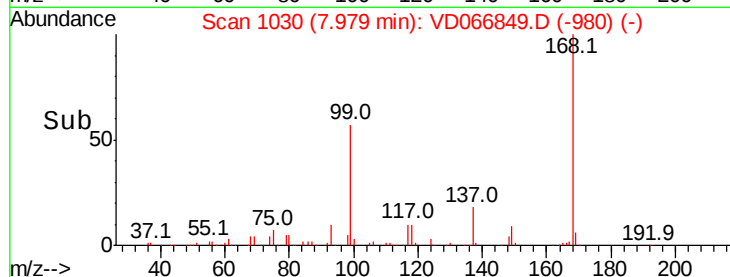
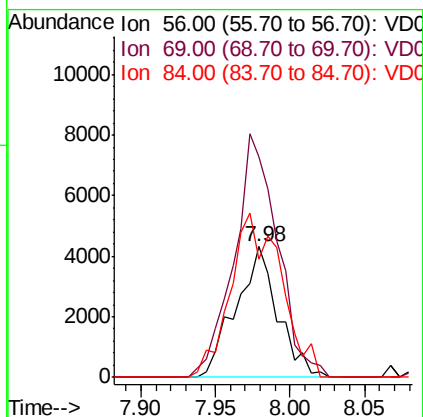
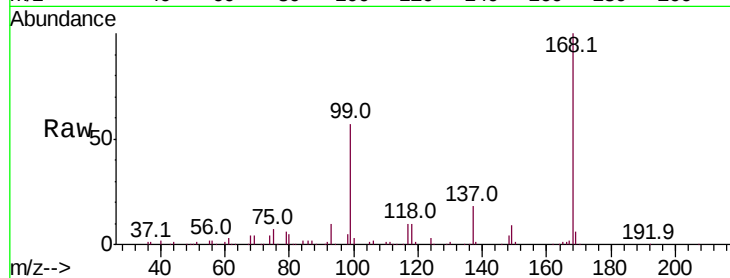




#31
Cyclohexane
Concen: 1.197 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066849.D
Acq: 24 Sep 2020 14:20

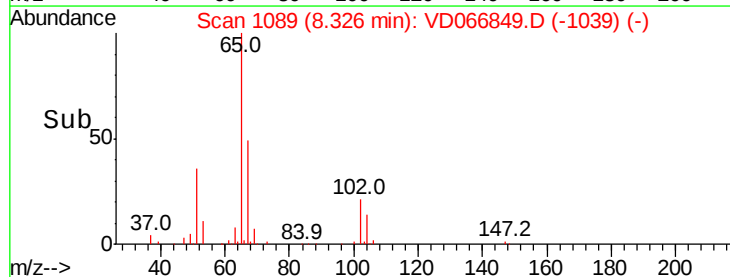
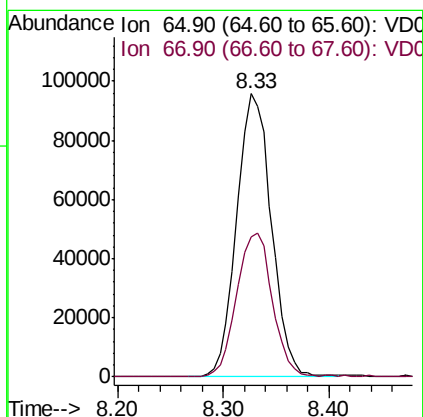
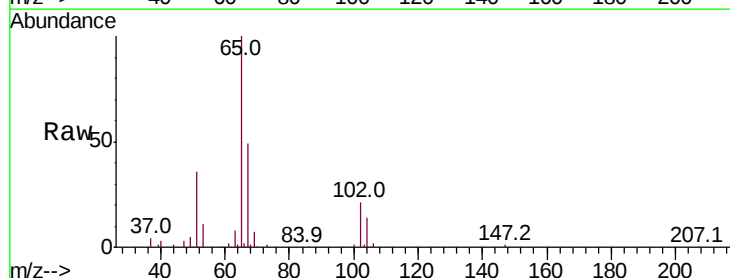
Instrument :
MSVOA_D
ClientSampled :
CS-24

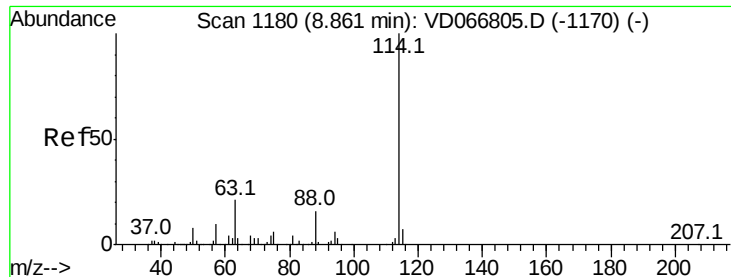
Tot Ion: 56 Resp: 8485
Ion Ratio Lower Upper
56 100
69 168.3 27.0 40.4#
84 90.2 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 56.125 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066849.D
Acq: 24 Sep 2020 14:20

Tgt Ion: 65 Resp: 218858
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066849.D

Acq: 24 Sep 2020 14:20

Instrument :

MSVOA_D

ClientSampleId :

CS-24

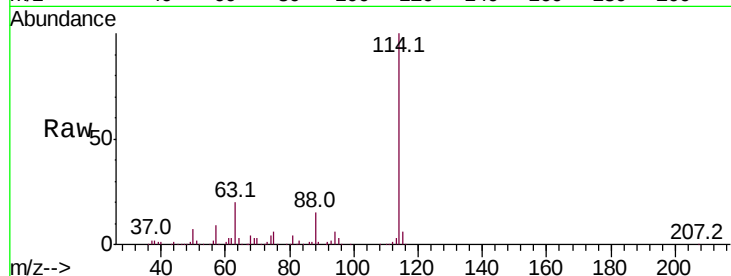
Tot Ion:114 Resp: 718999

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

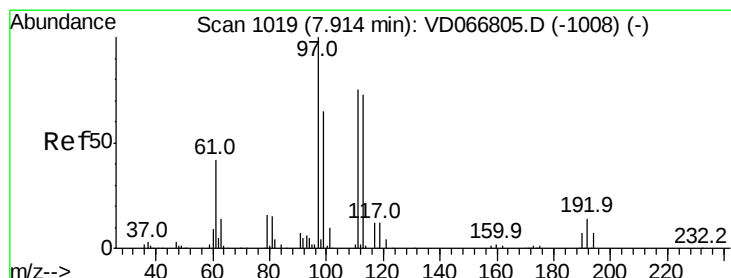
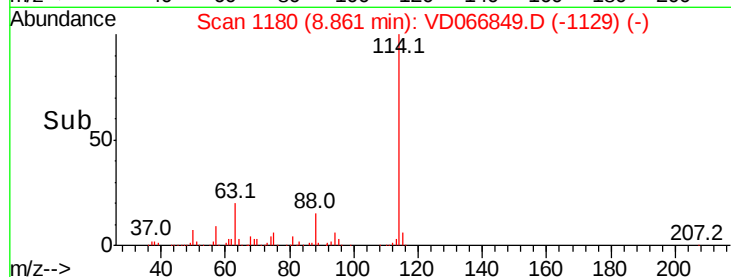
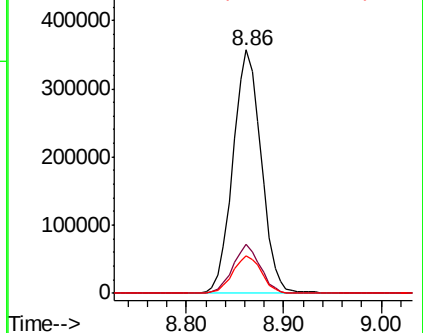
88 15.5 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.514 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD066849.D

Acq: 24 Sep 2020 14:20

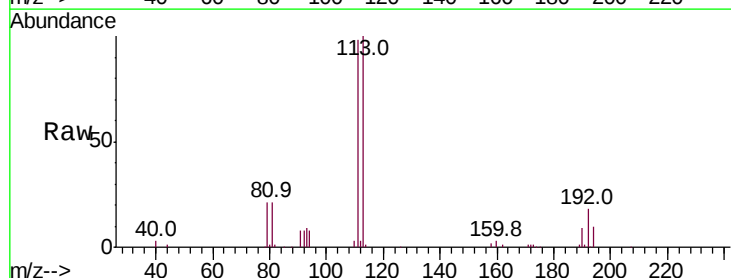
Tgt Ion:113 Resp: 231063

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

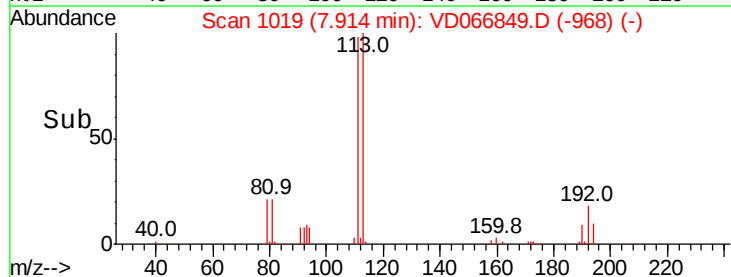
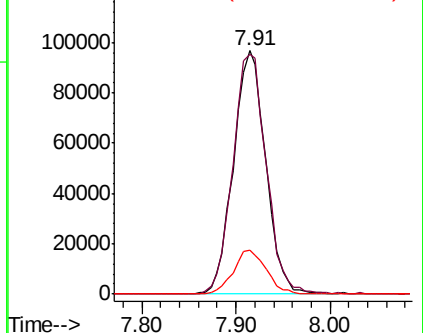
192 18.5 14.4 21.6

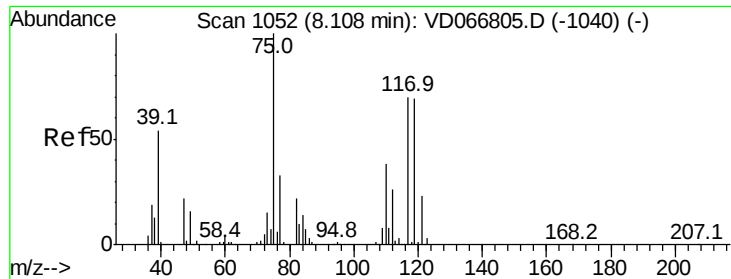


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

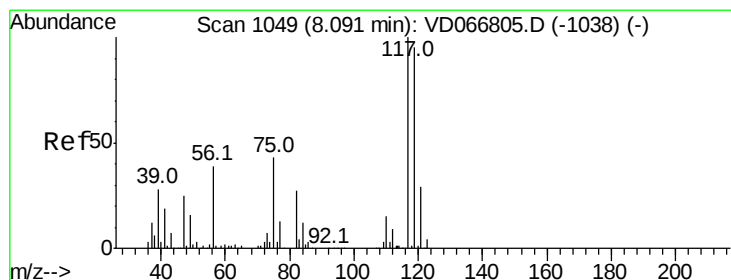
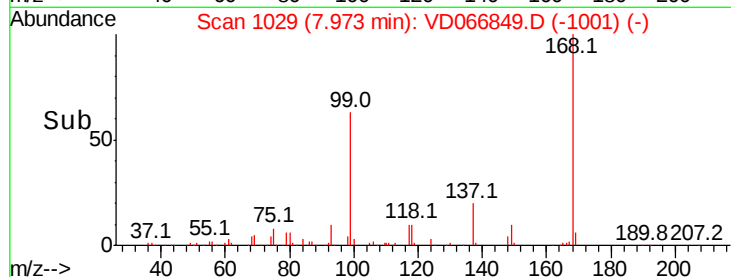
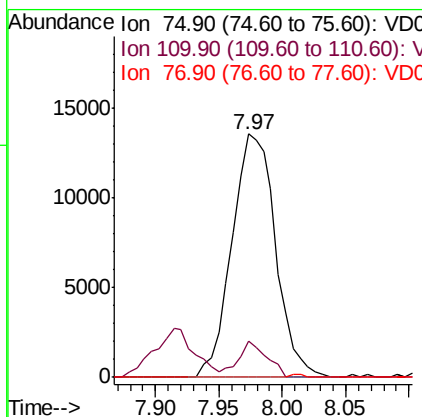
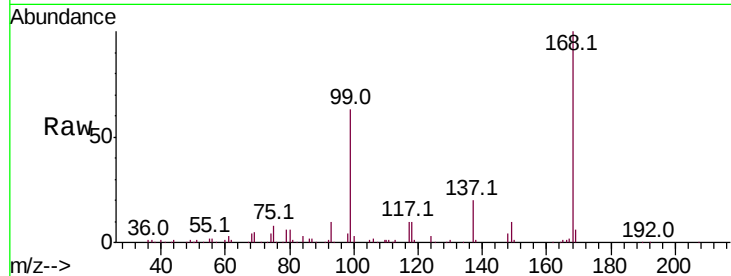




#36
 1,1-Dichloropropene
 Concen: 4.529 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.14 min
 Lab File: VD066849.D
 Acq: 24 Sep 2020 14:20

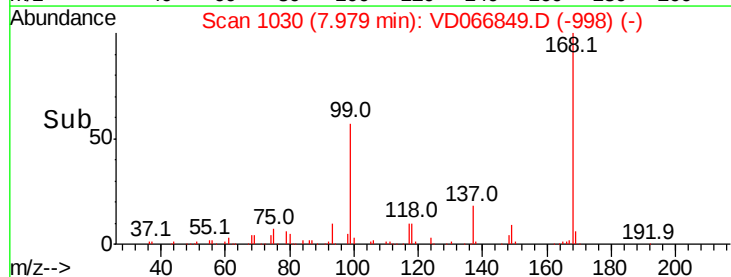
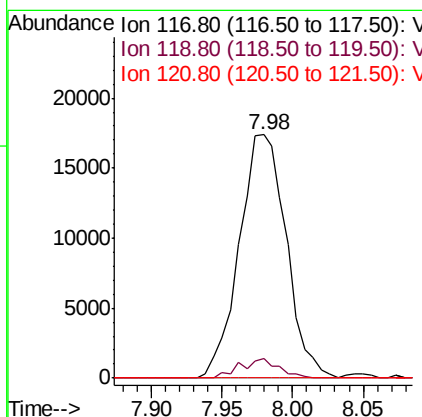
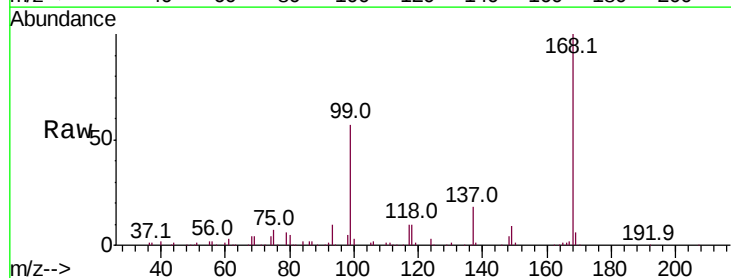
Instrument :
 MSVOA_D
 ClientSampleId :
 CS-24

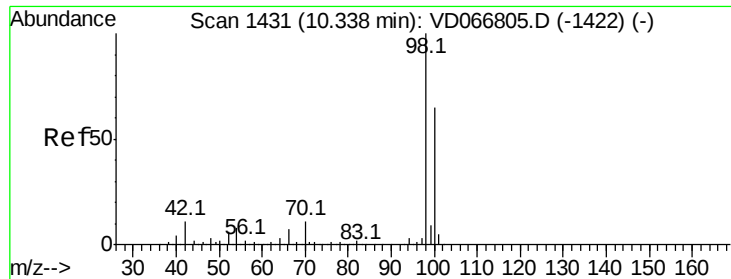
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.9	53.8#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 5.192 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.11 min
 Lab File: VD066849.D
 Acq: 24 Sep 2020 14:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	8.2	75.8	113.8#
121	0.0	23.4	35.0#

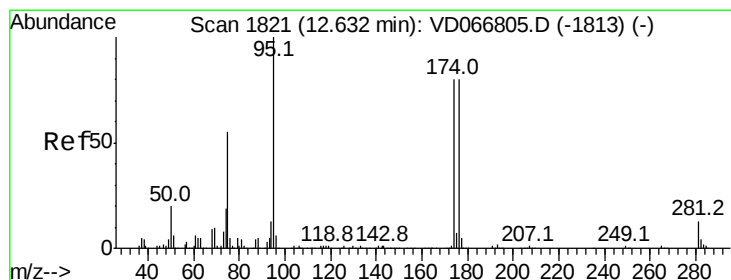
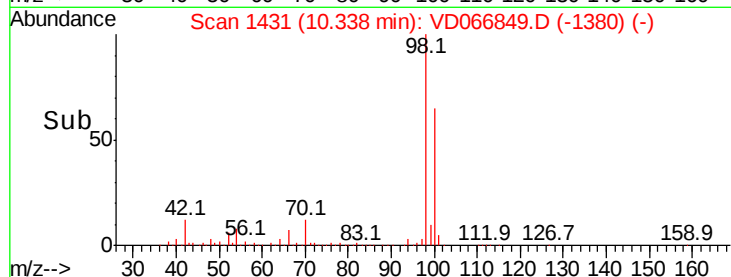
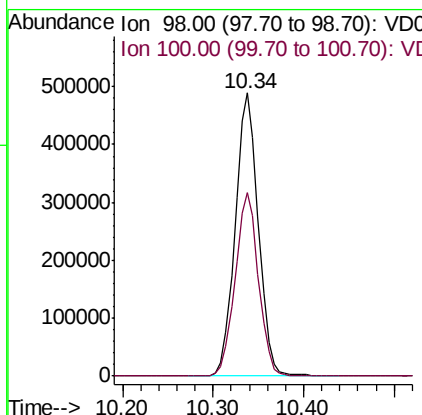
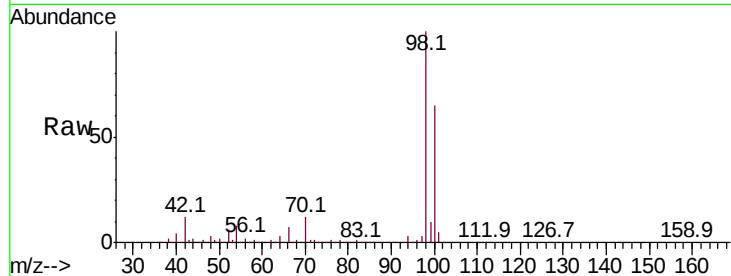




#50
Toluene-d8
Concen: 55.667 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066849.D
Acq: 24 Sep 2020 14:20

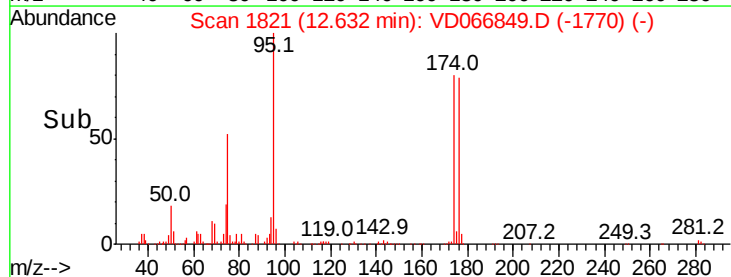
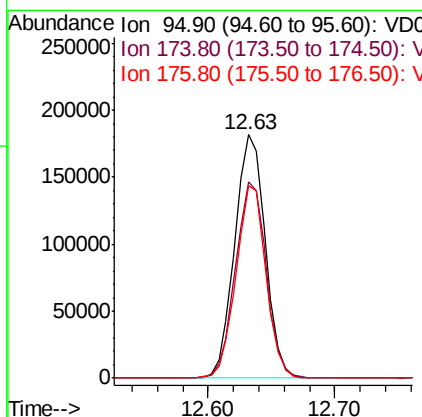
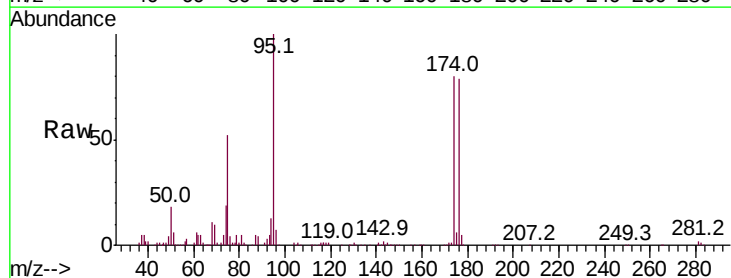
Instrument :
MSVOA_D
ClientSampled :
CS-24

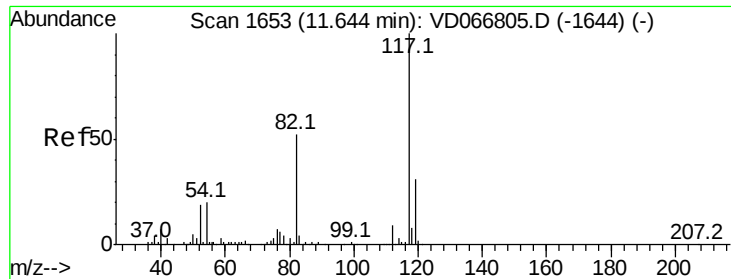
Tot Ion: 98 Resp: 867589
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 56.525 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066849.D
Acq: 24 Sep 2020 14:20

Tgt Ion: 95 Resp: 301585
Ion Ratio Lower Upper
95 100
174 81.4 0.0 159.8
176 77.4 0.0 154.4

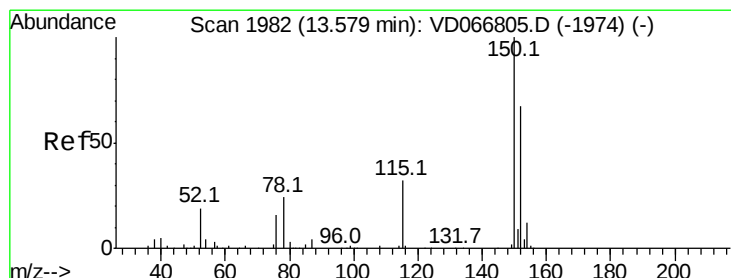
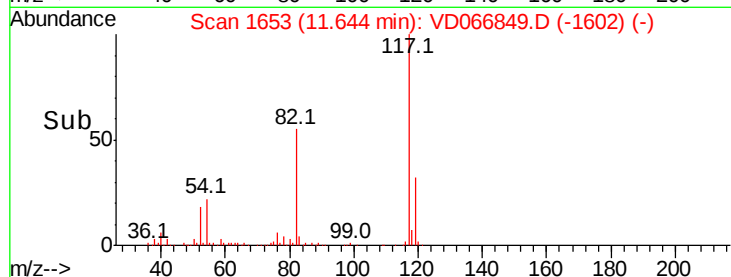
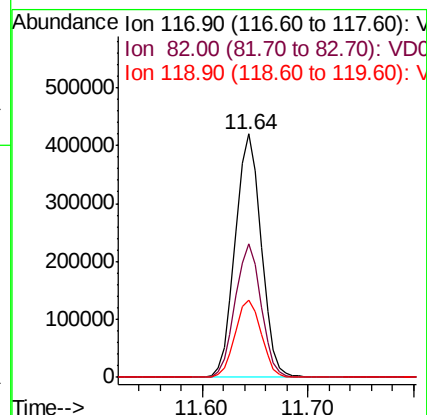
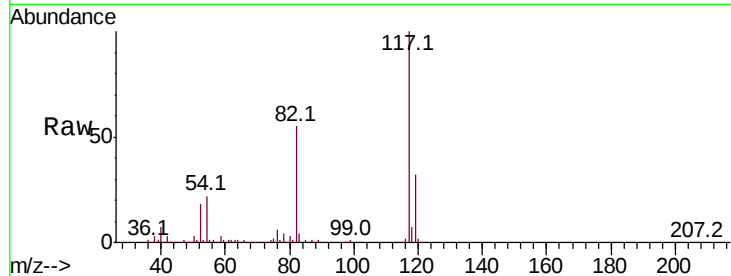




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066849.D
Acq: 24 Sep 2020 14:20

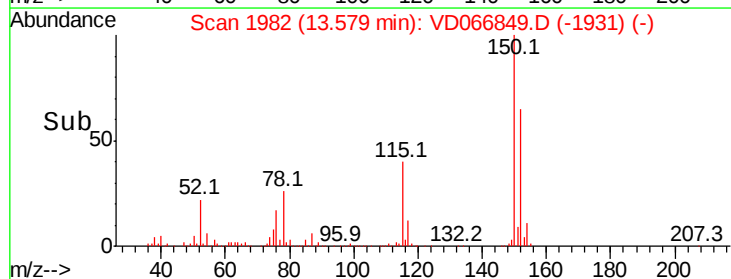
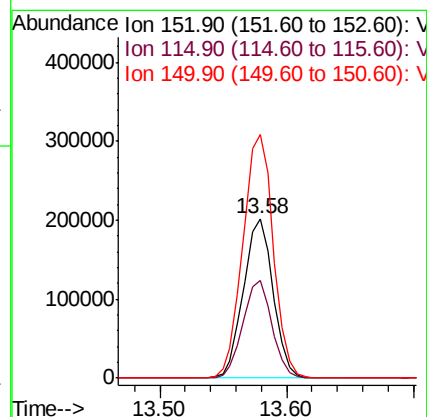
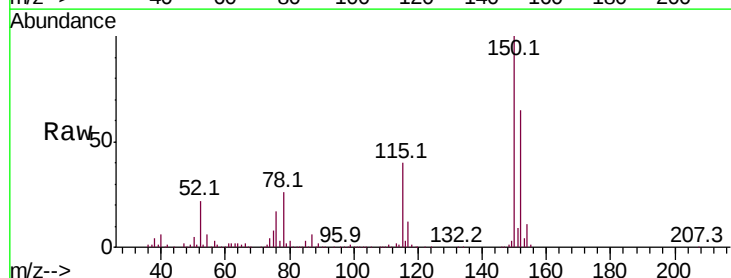
Instrument :
MSVOA_D
ClientSampled :
CS-24

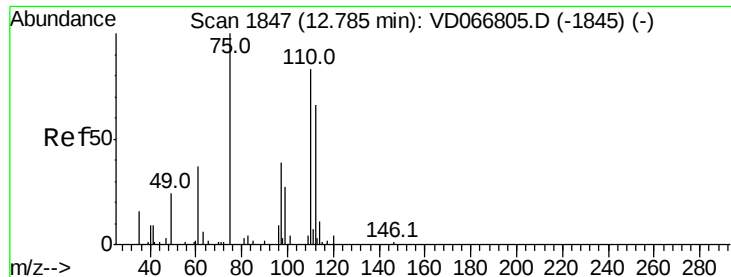
Tot Ion:117 Resp: 712614
Ion Ratio Lower Upper
117 100
82 54.9 41.8 62.6
119 31.8 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066849.D
Acq: 24 Sep 2020 14:20

Tgt Ion:152 Resp: 326844
Ion Ratio Lower Upper
152 100
115 60.3 30.3 91.0
150 156.9 0.0 346.2





#76

1,2,3-Trichloropropane

Concen: 57.622 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066849.D

Acq: 24 Sep 2020 14:20

Instrument :

MSVOA_D

ClientSampleId :

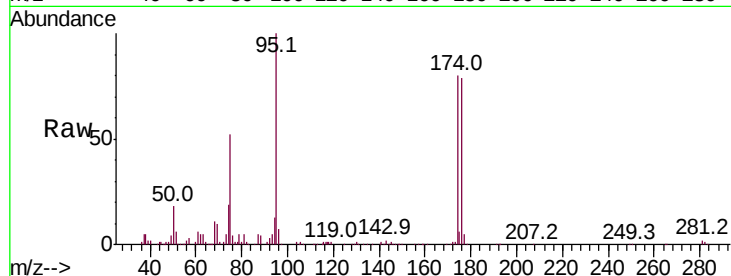
CS-24

Tot Ion: 75 Resp: 156077

Ion Ratio Lower Upper

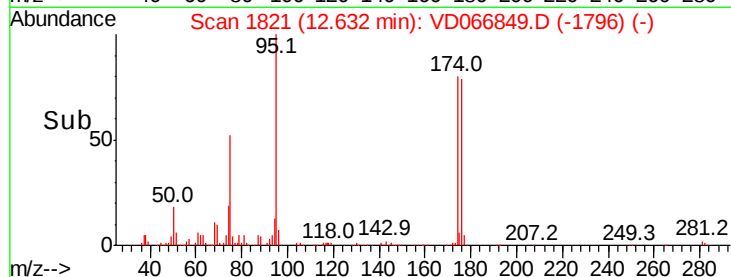
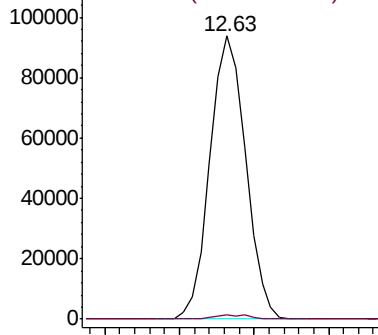
75 100

77 1.5 0.0 0.0#

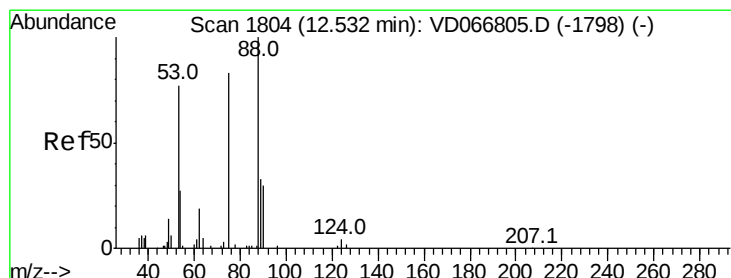


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 144.166 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066849.D

Acq: 24 Sep 2020 14:20

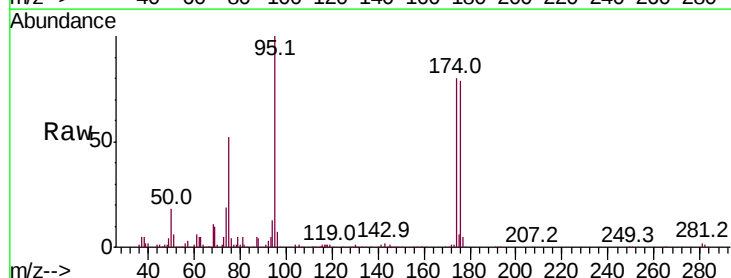
Tgt Ion: 75 Resp: 156077

Ion Ratio Lower Upper

75 100

53 0.3 78.5 117.7#

89 0.0 38.1 57.1#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

