

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091322\
 Data File : VD074264.D
 Acq On : 13 Sep 2022 14:20
 Operator : VA/SY
 Sample : N4453-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-T-5-(0-5)

Quant Time: Sep 14 01:55:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

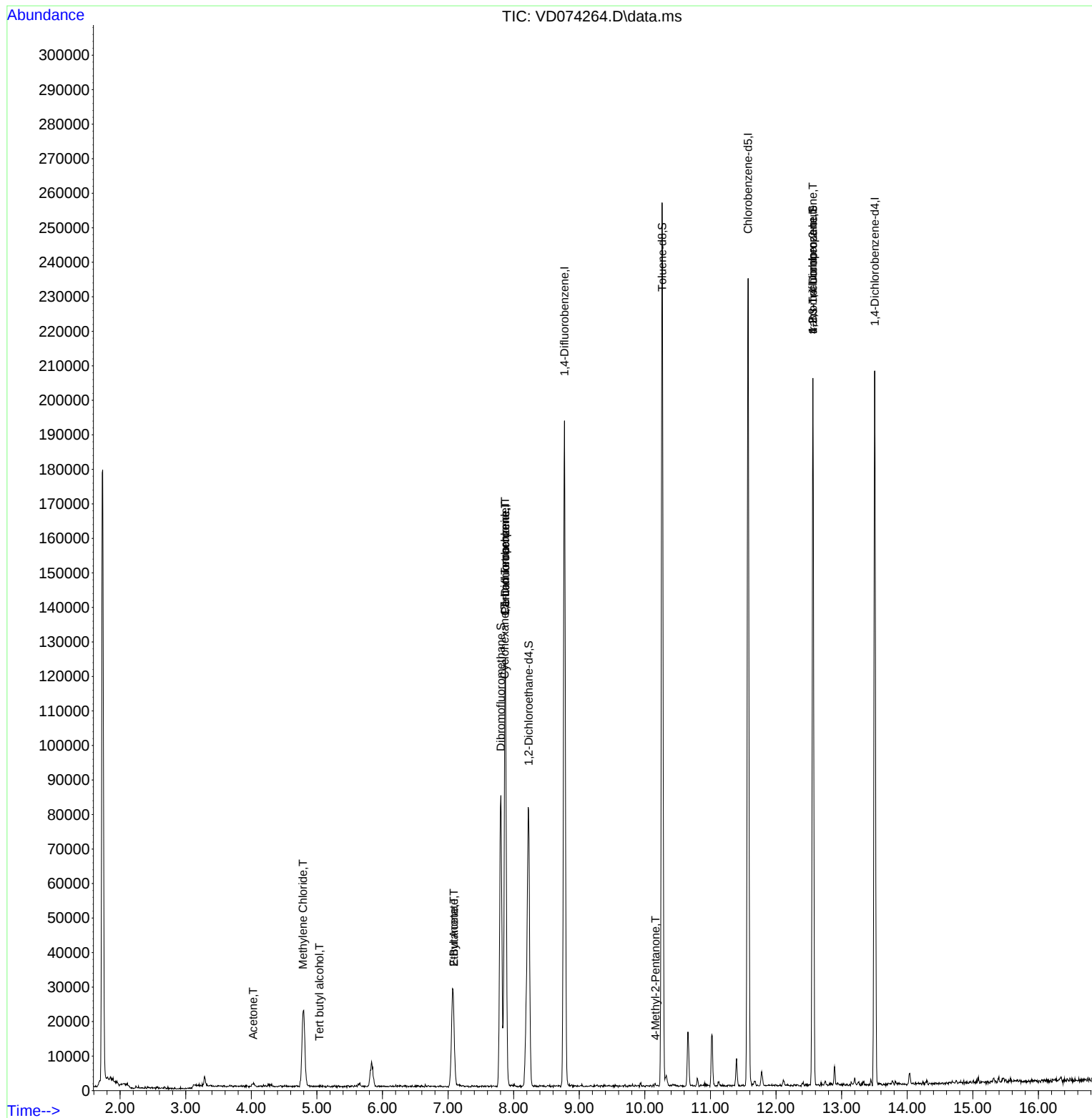
Internal Standards						
1) Pentafluorobenzene	7.875	168	98404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	170491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	136277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.504	152	57870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	59493	59.301	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.600%
35) Dibromofluoromethane	7.804	113	61446	54.128	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.260%
50) Toluene-d8	10.263	98	174633	41.786	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.580%
62) 4-Bromofluorobenzene	12.563	95	59821	39.536	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	145	Below Cal	#	39
11) Tert butyl alcohol	5.040	59	128	1.564	ug/l #	74
16) Acetone	4.028	43	1808	8.731	ug/l #	42
20) Methylene Chloride	4.787	84	17447	8.835	ug/l	94
25) 2-Butanone	7.087	43	1907	5.522	ug/l #	48
31) Cyclohexane	7.863	56	2369	1.143	ug/l #	44
36) 1,1-Dichloropropene	7.869	75	7463	4.044	ug/l #	46
37) Ethyl Acetate	7.087	43	1907	2.383	ug/l #	5
38) Carbon Tetrachloride	7.869	117	9546	5.718	ug/l #	15
51) 4-Methyl-2-Pentanone	10.163	43	823	1.053	ug/l #	63
76) 1,2,3-Trichloropropane	12.563	75	31294	52.750	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.563	75	31294	130.058	ug/l #	100

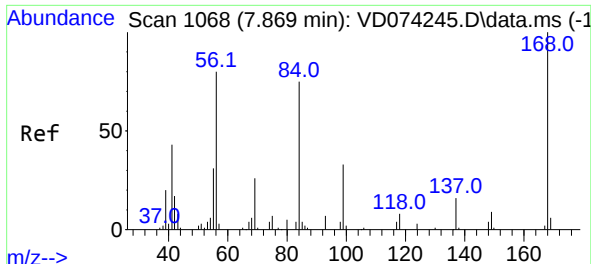
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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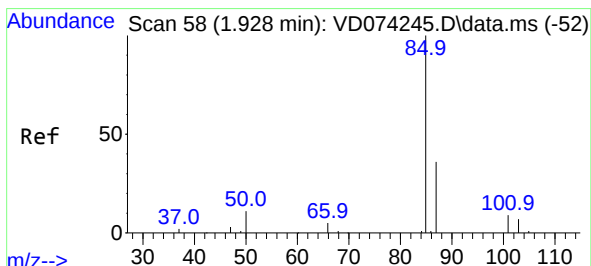
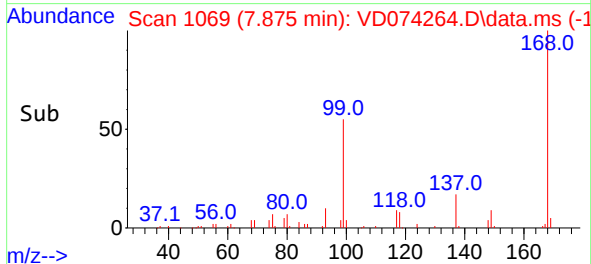
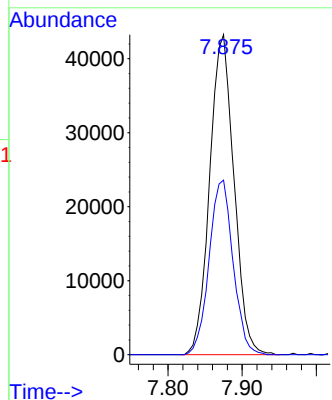
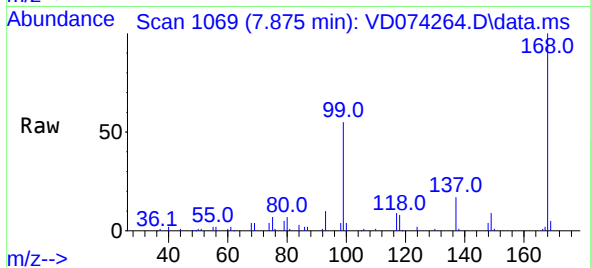




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074264.D
Acq: 13 Sep 2022 14:20

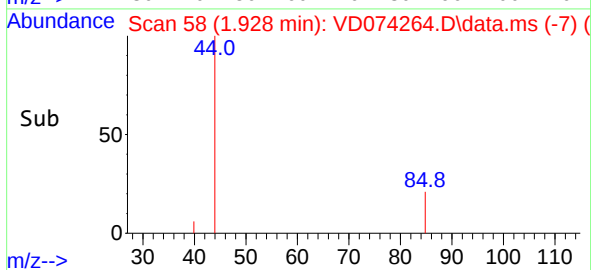
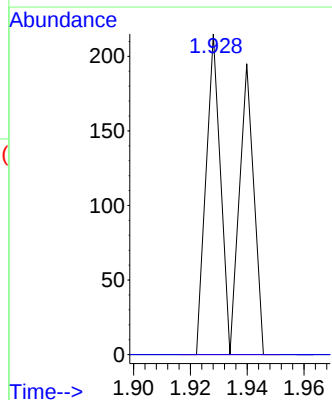
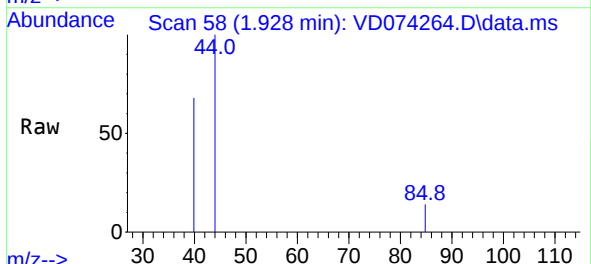
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-5-(0-5)

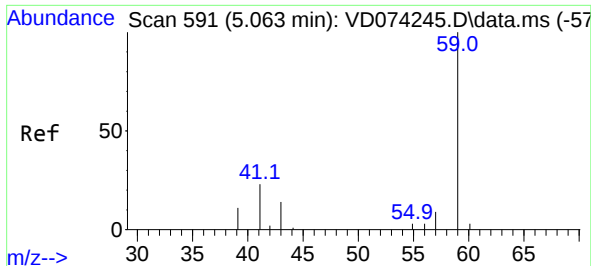
Tgt Ion:168 Resp: 98404
Ion Ratio Lower Upper
168 100
99 54.6 43.0 64.6



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD074264.D
Acq: 13 Sep 2022 14:20

Tgt Ion: 85 Resp: 145
Ion Ratio Lower Upper
85 100
87 0.0 17.9 53.7#

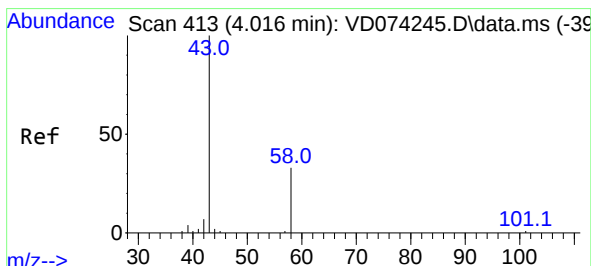
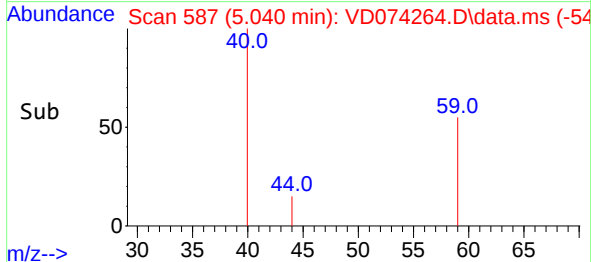
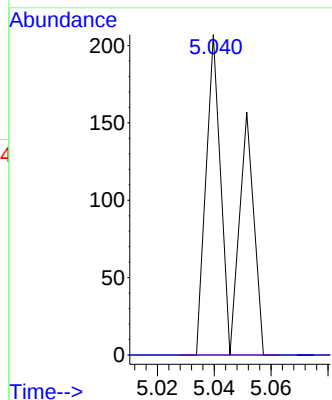
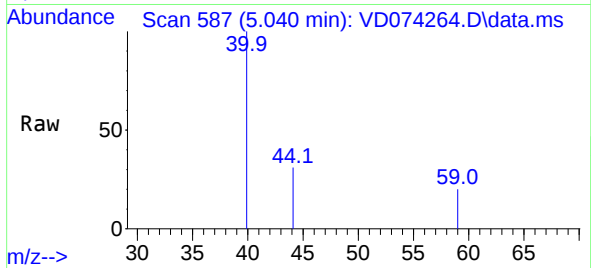




#11
Tert butyl alcohol
Concen: 1.564 ug/l
RT: 5.040 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD074264.D
Acq: 13 Sep 2022 14:20

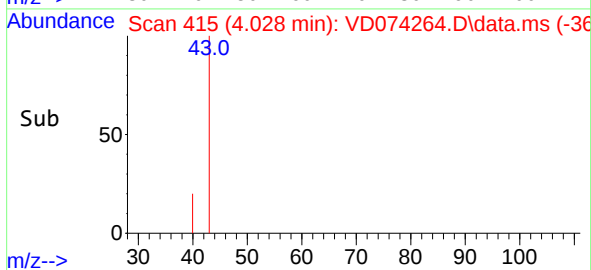
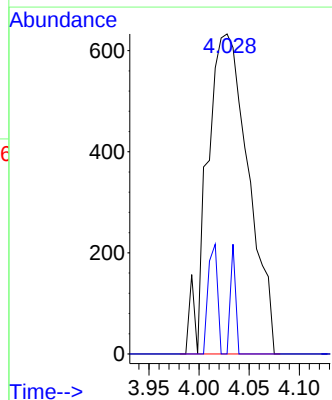
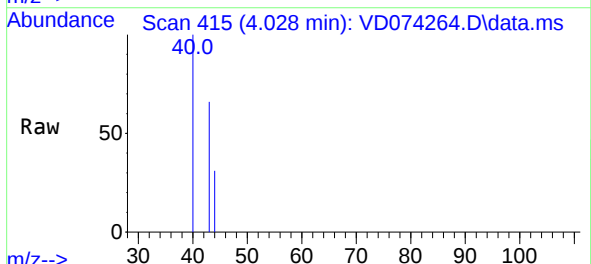
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-5-(0-5)

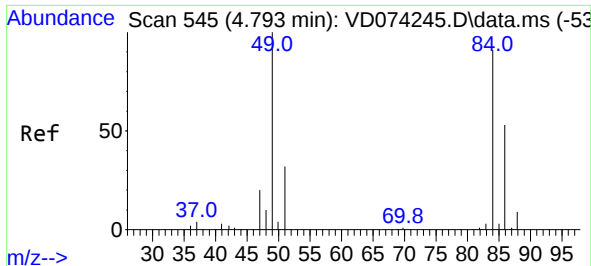
Tgt Ion: 59 Resp: 128
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#16
Acetone
Concen: 8.731 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD074264.D
Acq: 13 Sep 2022 14:20

Tgt Ion: 43 Resp: 1808
Ion Ratio Lower Upper
43 100
58 0.0 26.4 39.6#



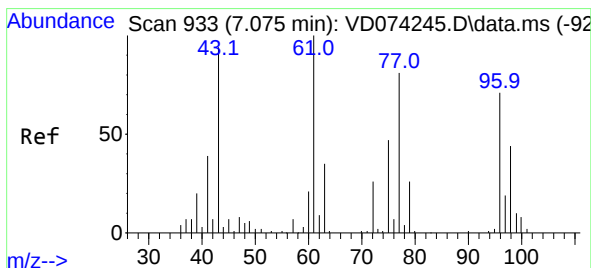
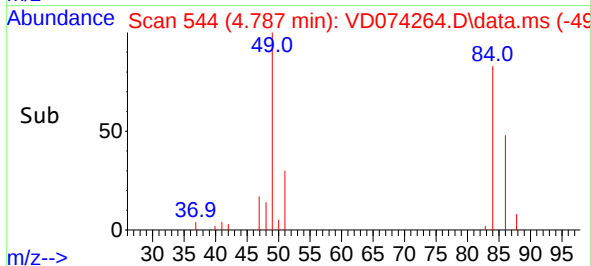
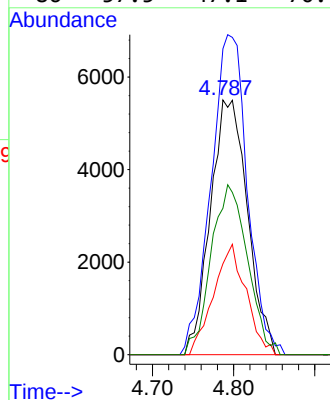
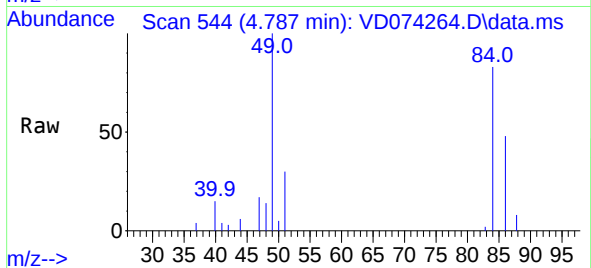


#20
Methylene Chloride
Concen: 8.835 ug/l
RT: 4.787 min Scan# 544
Delta R.T. -0.006 min
Lab File: VD074264.D
Acq: 13 Sep 2022 14:20

Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-5-(0-5)

Tgt Ion: 84 Resp: 17447

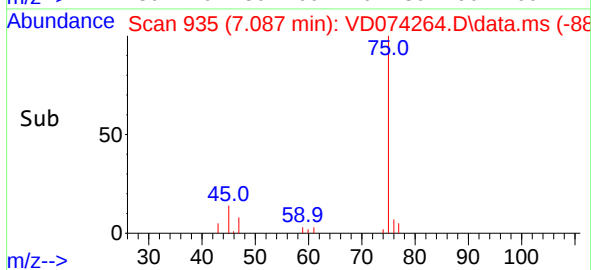
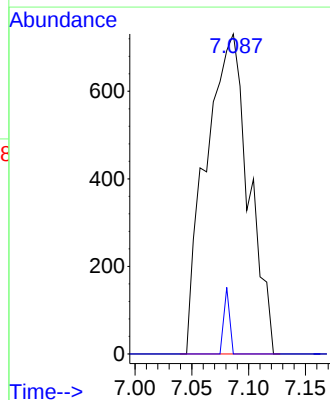
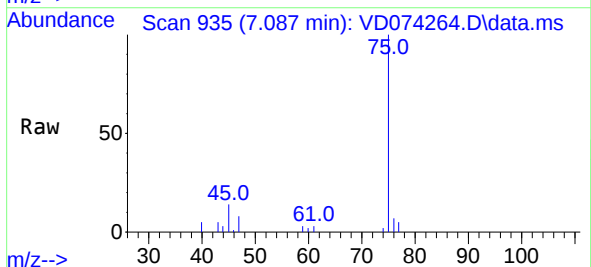
Ion	Ratio	Lower	Upper
84	100		
49	120.1	88.4	132.6
51	35.7	28.0	42.0
86	57.5	47.1	70.7

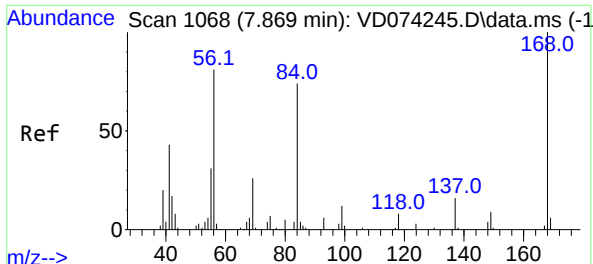


#25
2-Butanone
Concen: 5.522 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.011 min
Lab File: VD074264.D
Acq: 13 Sep 2022 14:20

Tgt Ion: 43 Resp: 1907

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.8	32.6





#31

Cyclohexane

Concen: 1.143 ug/l

RT: 7.863 min Scan# 1067

Delta R.T. -0.006 min

Lab File: VD074264.D

Acq: 13 Sep 2022 14:20

Instrument :

MSVOA_D

ClientSampleId :

SASP2-T-5-(0-5)

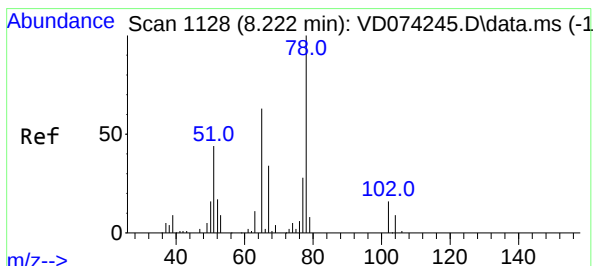
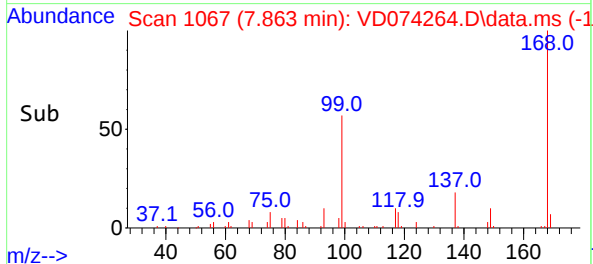
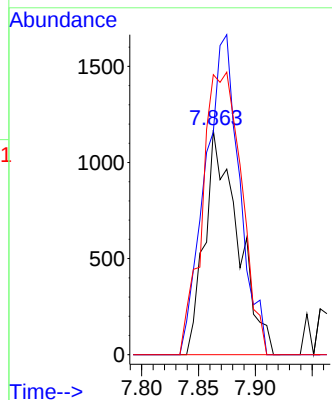
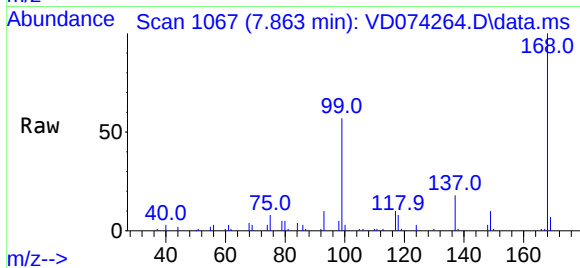
Tgt Ion: 56 Resp: 2369

Ion Ratio Lower Upper

56 100

69 99.1 25.7 38.5#

84 124.7 73.9 110.9#



#33

1,2-Dichloroethane-d4

Concen: 59.301 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD074264.D

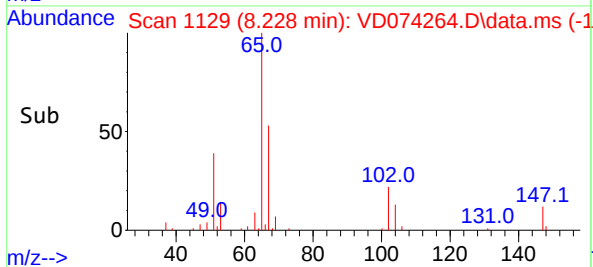
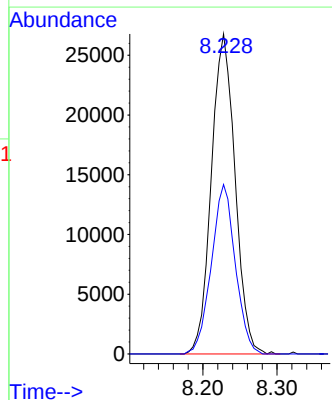
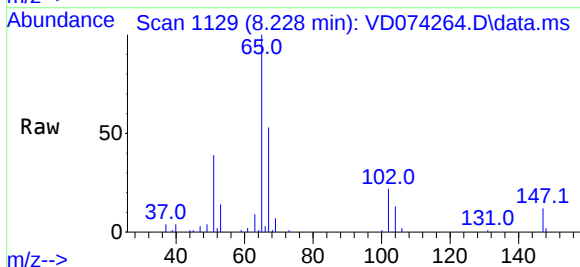
Acq: 13 Sep 2022 14:20

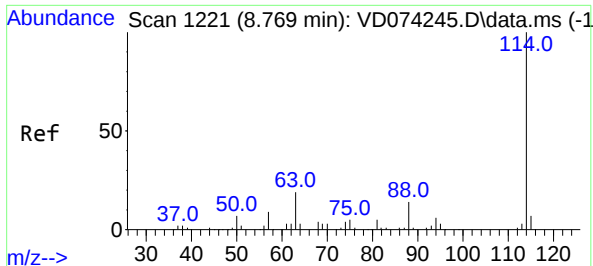
Tgt Ion: 65 Resp: 59493

Ion Ratio Lower Upper

65 100

67 53.4 0.0 110.6

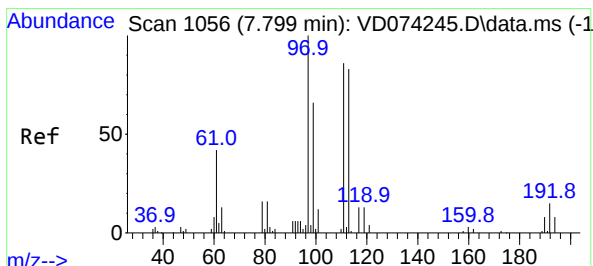
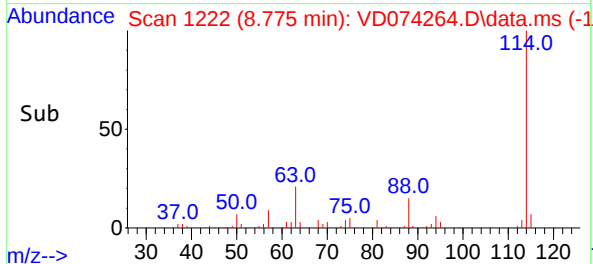
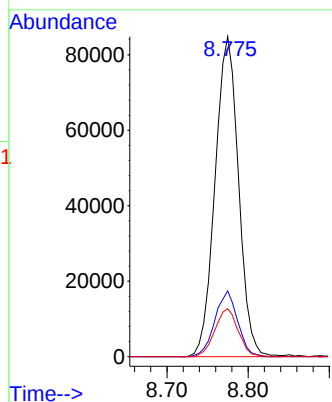
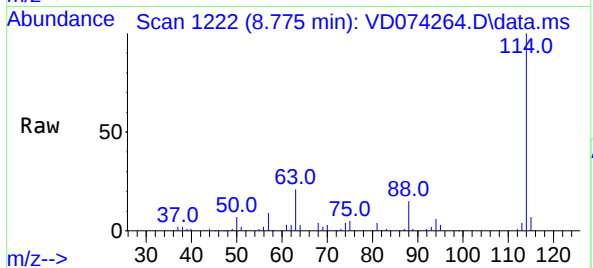




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074264.D
Acq: 13 Sep 2022 14:20

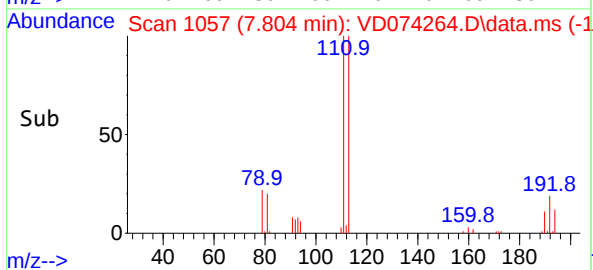
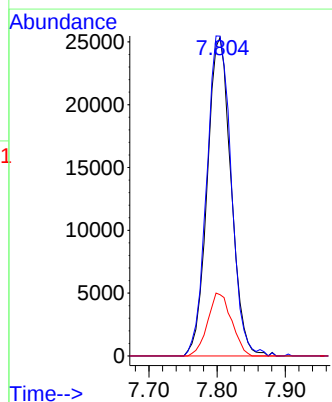
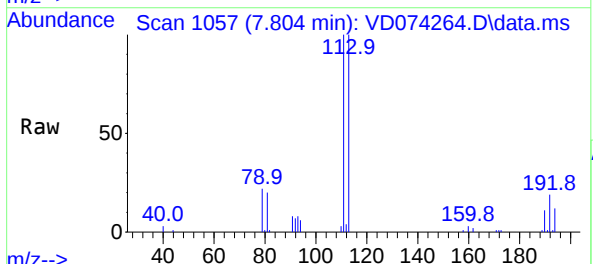
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-5-(0-5)

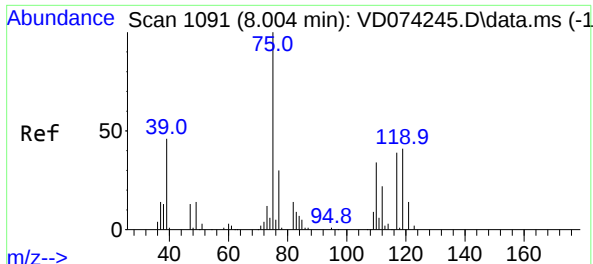
Tgt Ion:114 Resp: 170491
Ion Ratio Lower Upper
114 100
63 20.5 0.0 37.6
88 15.0 0.0 28.4



#35
Dibromofluoromethane
Concen: 54.128 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.005 min
Lab File: VD074264.D
Acq: 13 Sep 2022 14:20

Tgt Ion:113 Resp: 61446
Ion Ratio Lower Upper
113 100
111 103.8 83.0 124.6
192 19.8 16.2 24.2





#36

1,1-Dichloropropene

Concen: 4.044 ug/l

RT: 7.869 min Scan# 1091

Delta R.T. -0.136 min

Lab File: VD074264.D

Acq: 13 Sep 2022 14:20

Instrument :

MSVOA_D

ClientSampleId :

SASP2-T-5-(0-5)

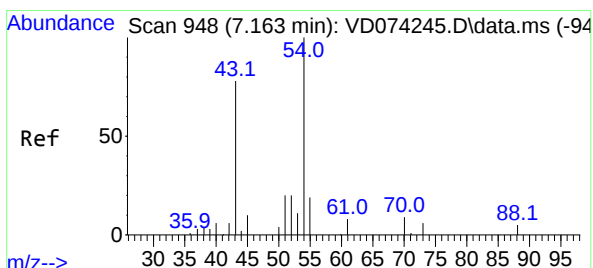
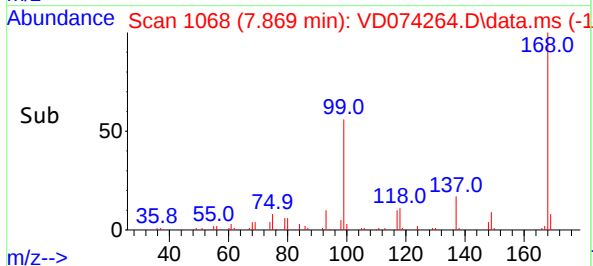
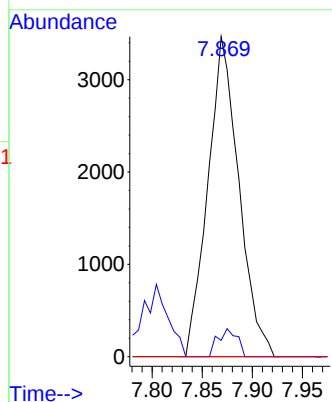
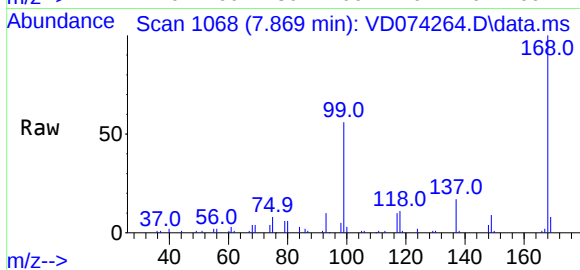
Tgt Ion: 75 Resp: 7463

Ion Ratio Lower Upper

75 100

110 5.4 17.5 52.5#

77 0.0 24.8 37.2#



#37

Ethyl Acetate

Concen: 2.383 ug/l

RT: 7.087 min Scan# 935

Delta R.T. -0.077 min

Lab File: VD074264.D

Acq: 13 Sep 2022 14:20

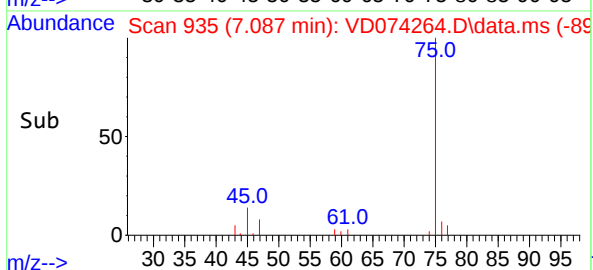
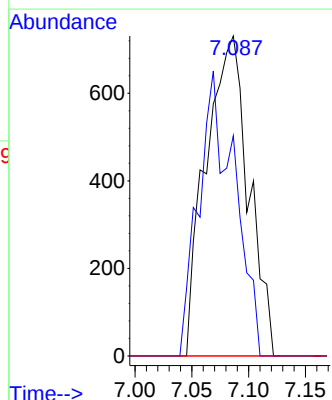
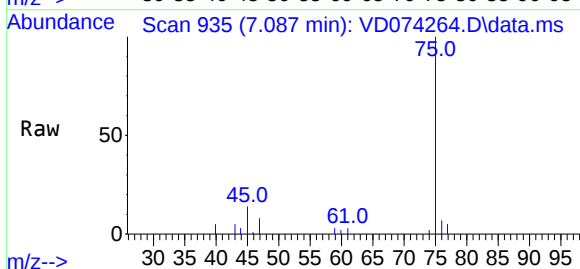
Tgt Ion: 43 Resp: 1907

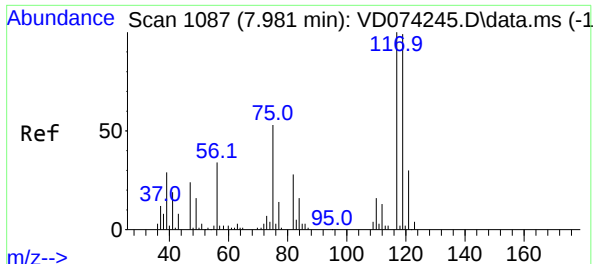
Ion Ratio Lower Upper

43 100

61 74.4 12.1 18.1#

70 0.0 8.5 12.7#

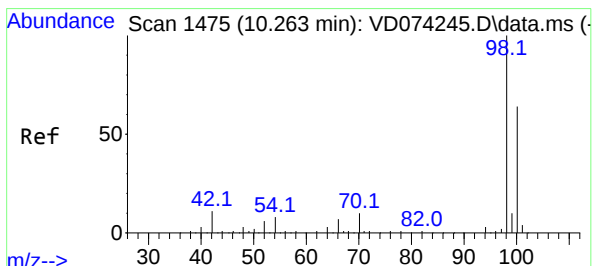
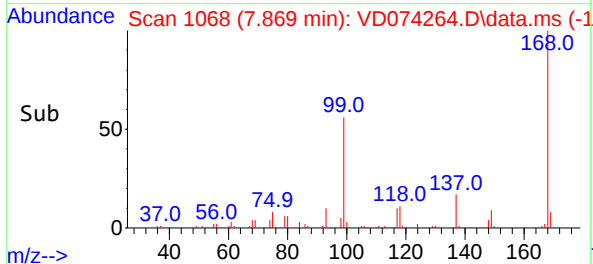
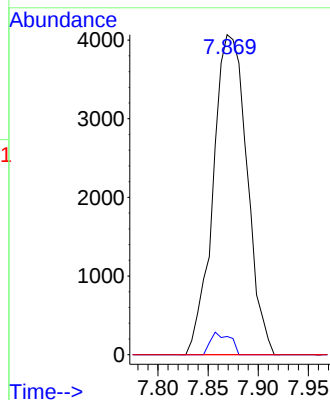
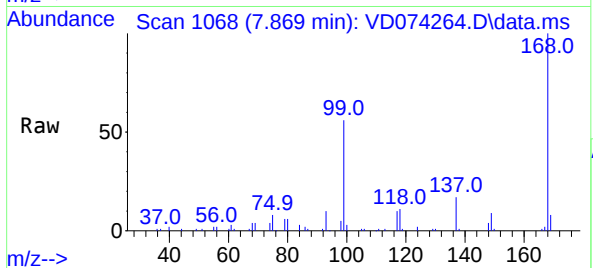




#38
Carbon Tetrachloride
Concen: 5.718 ug/l
RT: 7.869 min Scan# 1087
Delta R.T. -0.112 min
Lab File: VD074264.D
Acq: 13 Sep 2022 14:20

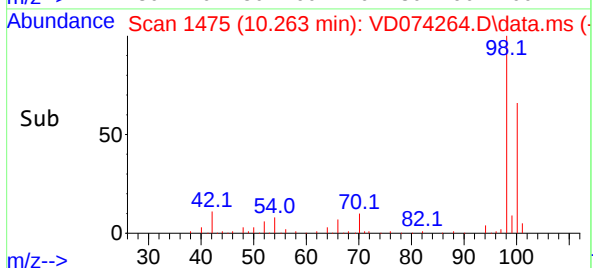
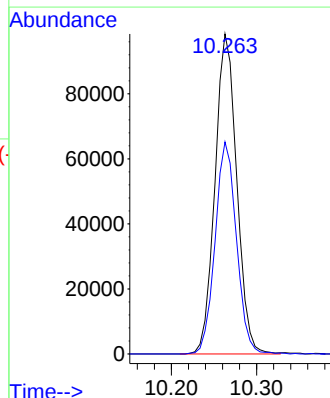
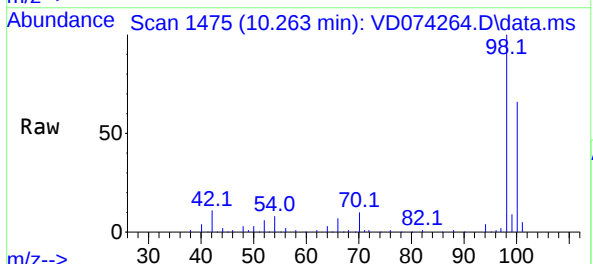
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-5-(0-5)

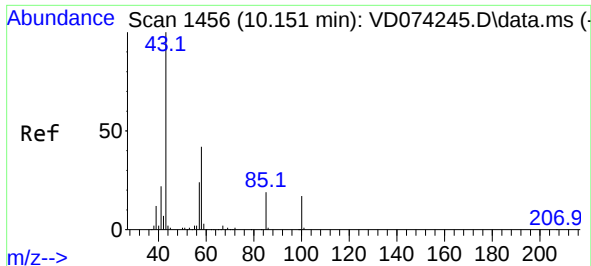
Tgt Ion:117 Resp: 9546
Ion Ratio Lower Upper
117 100
119 5.7 78.8 118.2#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 41.786 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VD074264.D
Acq: 13 Sep 2022 14:20

Tgt Ion: 98 Resp: 174633
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.8

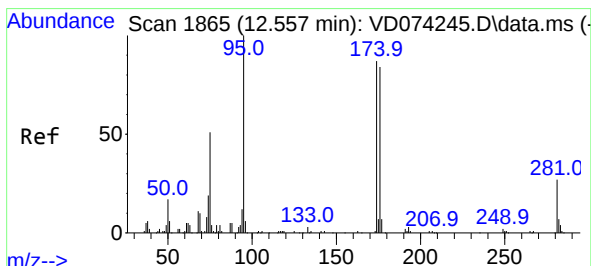
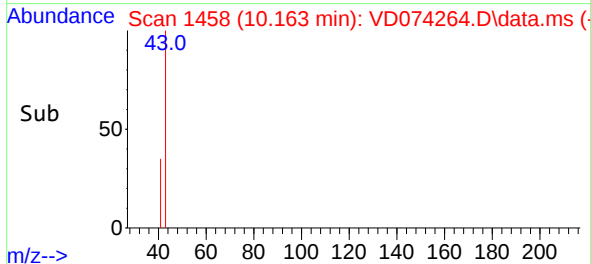
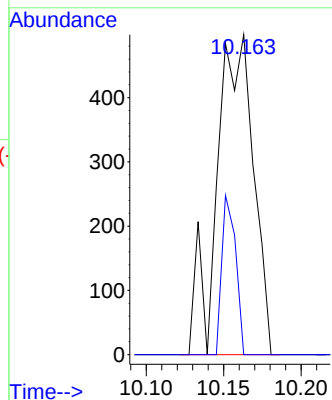
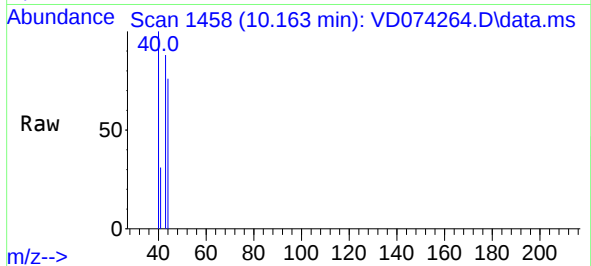




#51
4-Methyl-2-Pentanone
Concen: 1.053 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.011 min
Lab File: VD074264.D
Acq: 13 Sep 2022 14:20

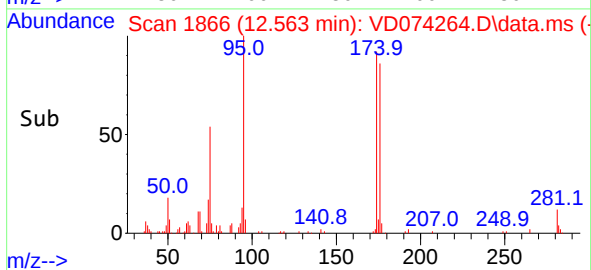
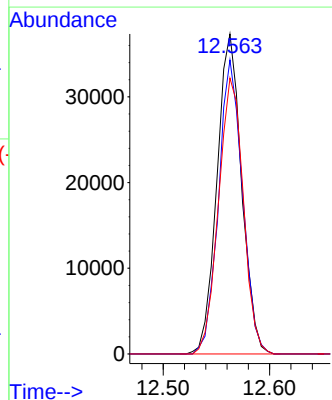
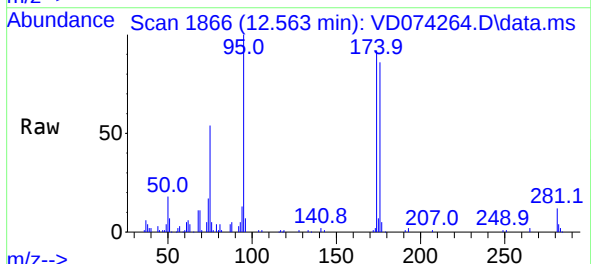
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-5-(0-5)

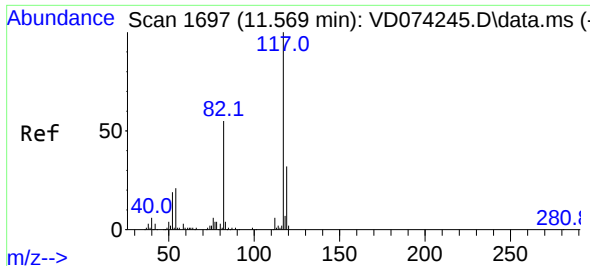
Tgt Ion: 43 Resp: 823
Ion Ratio Lower Upper
43 100
58 18.6 33.3 49.9#



#62
4-Bromofluorobenzene
Concen: 39.536 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074264.D
Acq: 13 Sep 2022 14:20

Tgt Ion: 95 Resp: 59821
Ion Ratio Lower Upper
95 100
174 89.2 0.0 179.2
176 86.6 0.0 171.4

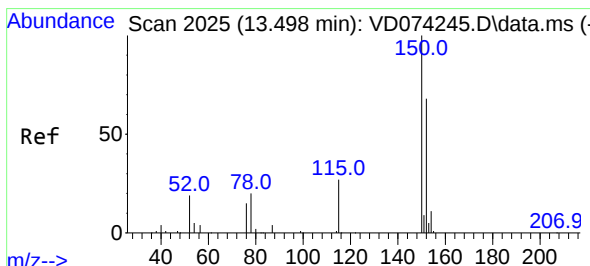
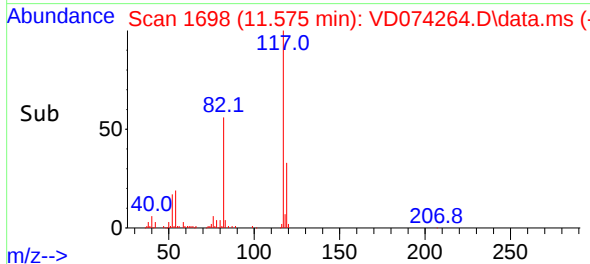
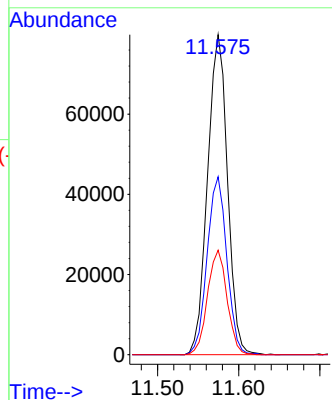
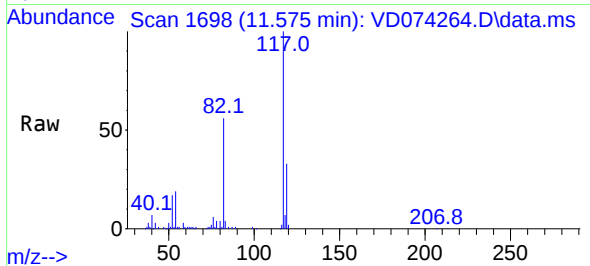




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VD074264.D
Acq: 13 Sep 2022 14:20

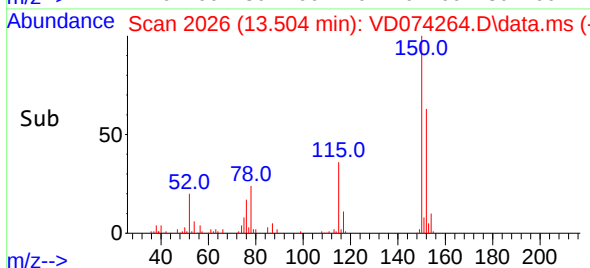
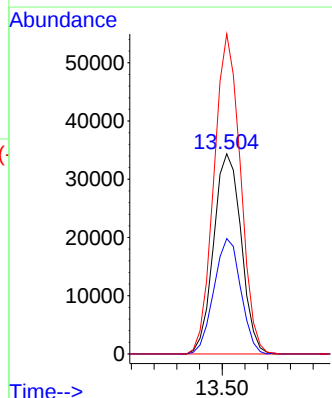
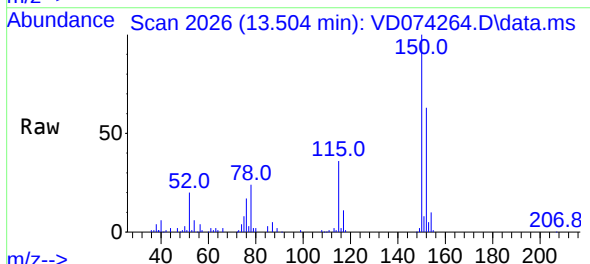
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-5-(0-5)

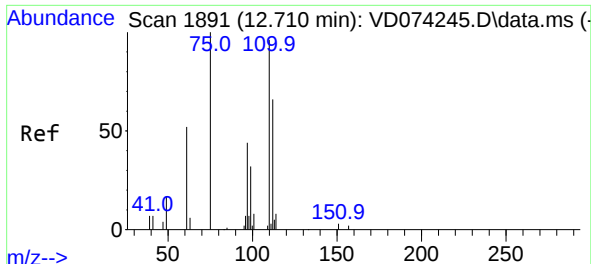
Tgt Ion:117 Resp: 136277
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.504 min Scan# 2026
Delta R.T. 0.006 min
Lab File: VD074264.D
Acq: 13 Sep 2022 14:20

Tgt Ion:152 Resp: 57870
Ion Ratio Lower Upper
152 100
115 56.3 28.4 85.2
150 153.5 0.0 351.0

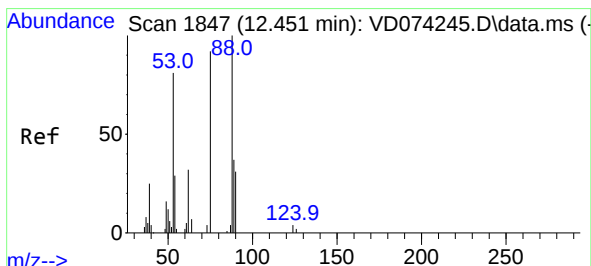
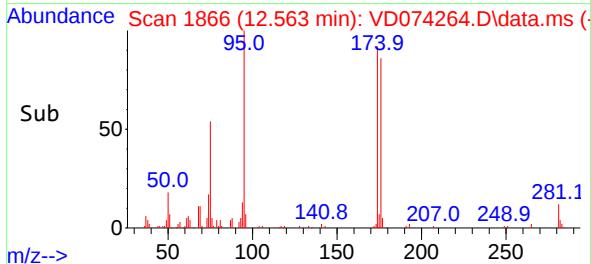
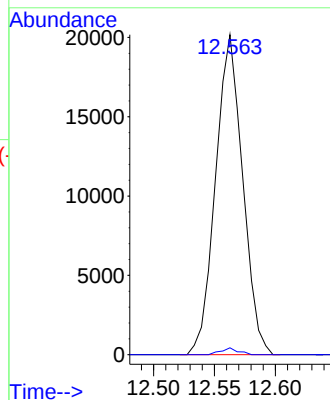
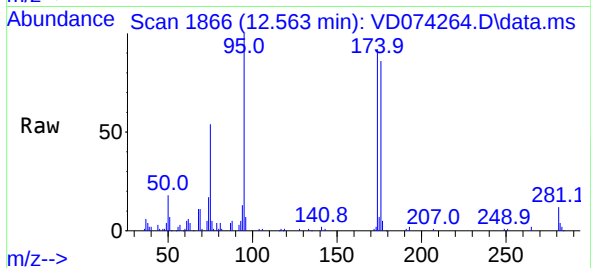




#76
1,2,3-Trichloropropane
Concen: 52.750 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. -0.147 min
Lab File: VD074264.D
Acq: 13 Sep 2022 14:20

Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-5-(0-5)

Tgt Ion: 75 Resp: 31294
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 130.058 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.111 min
Lab File: VD074264.D
Acq: 13 Sep 2022 14:20

Tgt Ion: 75 Resp: 31294
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

