

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091922\
 Data File : VD074348.D
 Acq On : 19 Sep 2022 14:50
 Operator : VA/SY
 Sample : N4613-03RE
 Misc : 5.38G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-T-6-(25-37)

Quant Time: Sep 19 23:01:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

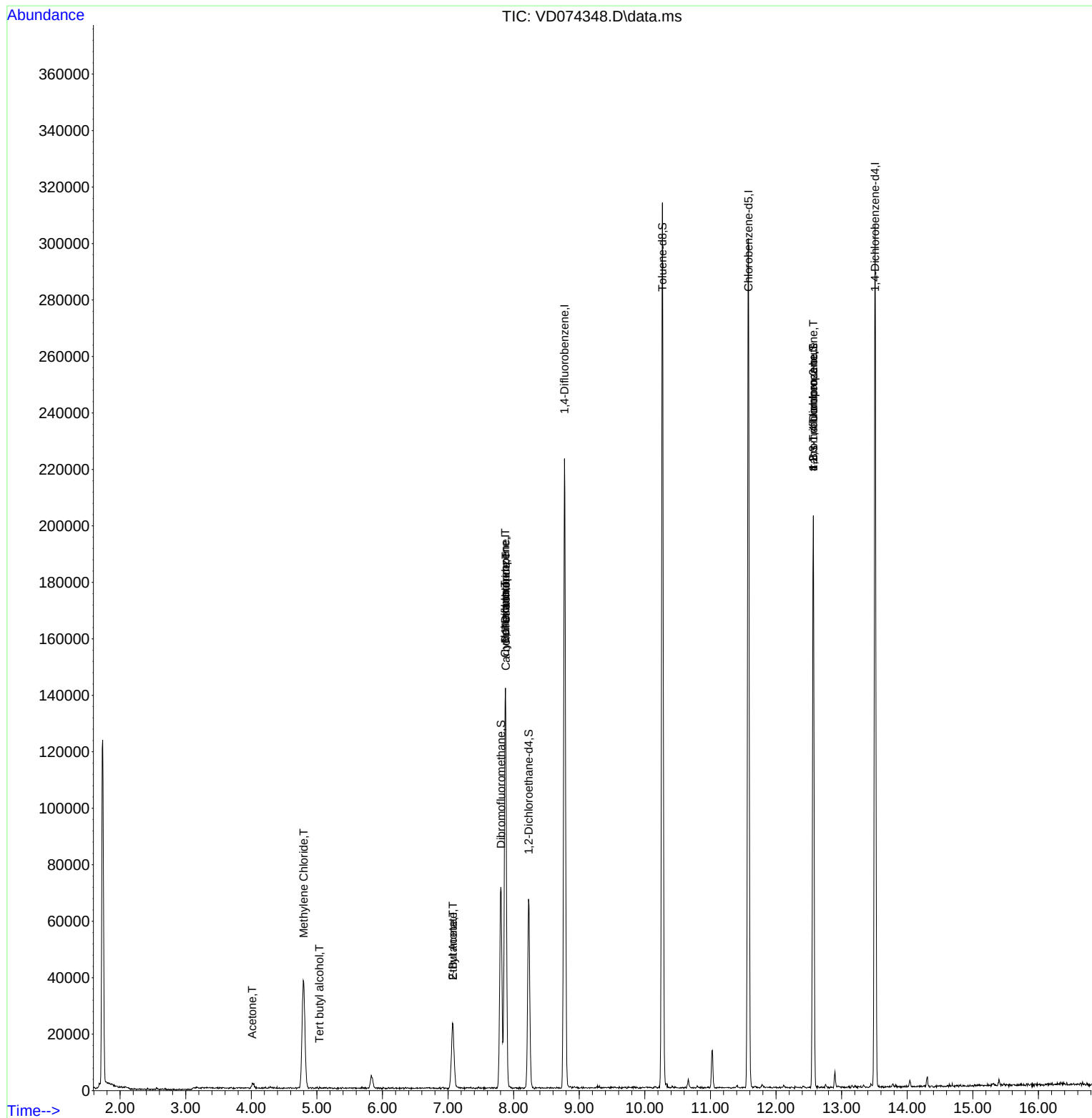
Internal Standards						
1) Pentafluorobenzene	7.875	168	111543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	195754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	176836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	80650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	49627	45.678	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.360%
35) Dibromofluoromethane	7.810	113	52048	40.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.740%
50) Toluene-d8	10.269	98	212846	47.846	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.700%
62) 4-Bromofluorobenzene	12.569	95	61736	39.781	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.560%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.040	59	119	1.621	ug/l #	74
16) Acetone	4.016	43	3116	12.730	ug/l	96
18) Methyl Acetate	4.552	43	54	Below Cal	#	51
20) Methylene Chloride	4.799	84	29853	13.028	ug/l	94
25) 2-Butanone	7.075	43	1626	4.460	ug/l #	48
31) Cyclohexane	7.869	56	2518	1.105	ug/l #	8
36) 1,1-Dichloropropene	7.875	75	8785	4.464	ug/l #	48
37) Ethyl Acetate	7.075	43	1626	2.062	ug/l #	10
38) Carbon Tetrachloride	7.881	117	11174	6.407	ug/l #	14
76) 1,2,3-Trichloropropane	12.569	75	33370	44.720	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	33370	112.080	ug/l #	100

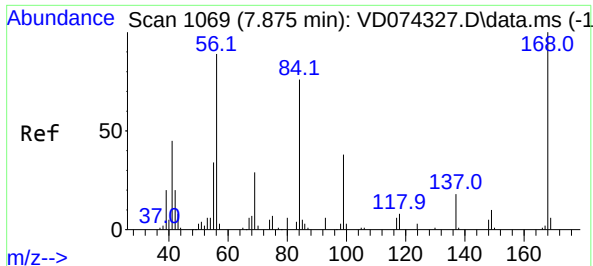
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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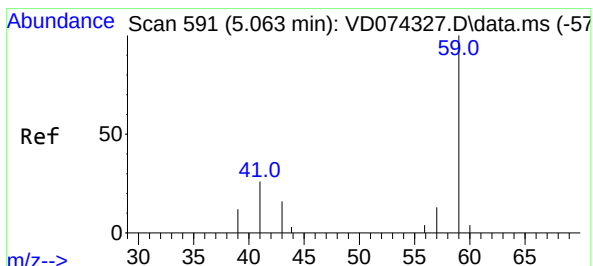
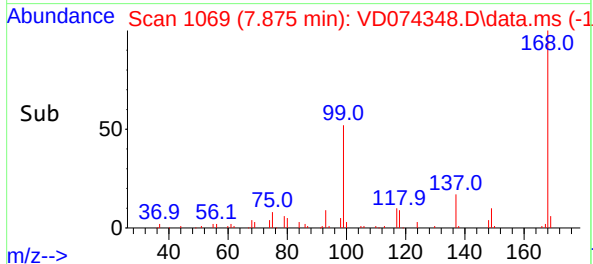
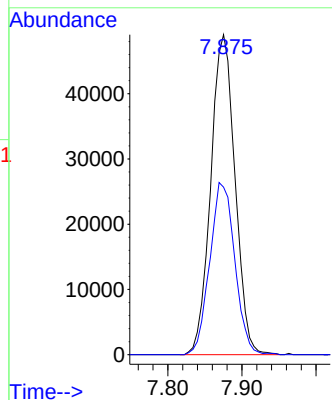
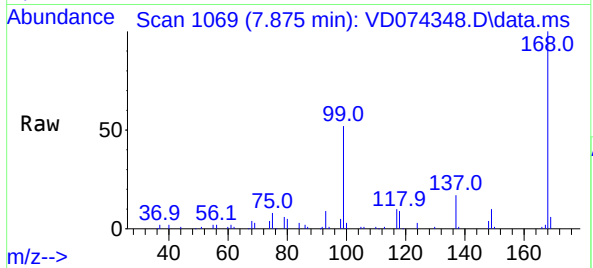




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074348.D
Acq: 19 Sep 2022 14:50

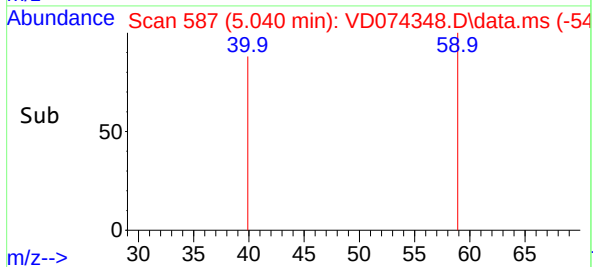
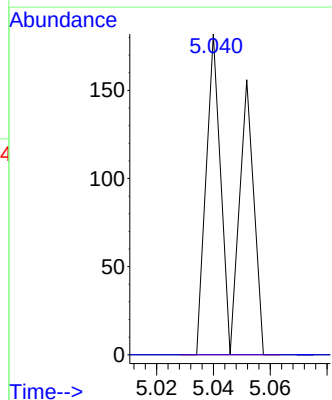
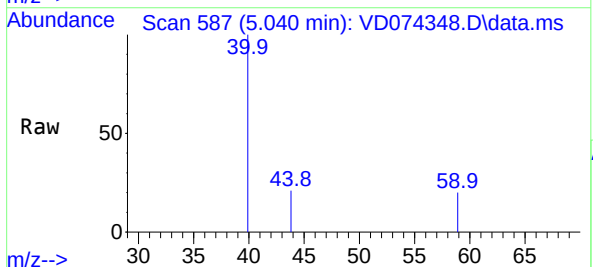
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(25-37)

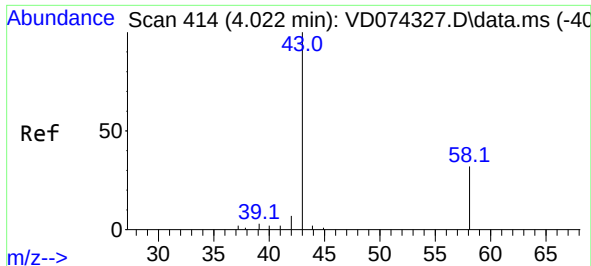
Tgt Ion:168 Resp: 111543
Ion Ratio Lower Upper
168 100
99 52.4 43.0 64.6



#11
Tert butyl alcohol
Concen: 1.621 ug/l
RT: 5.040 min Scan# 587
Delta R.T. -0.023 min
Lab File: VD074348.D
Acq: 19 Sep 2022 14:50

Tgt Ion: 59 Resp: 119
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

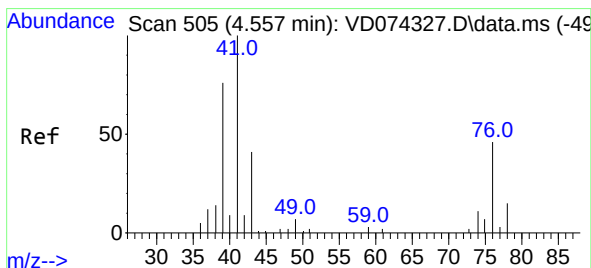
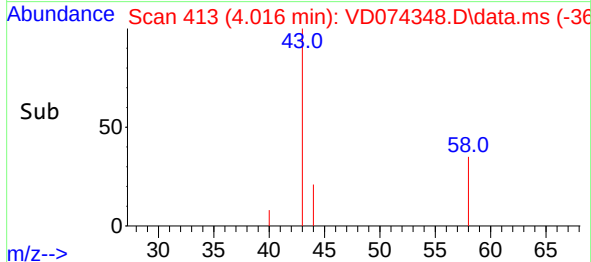
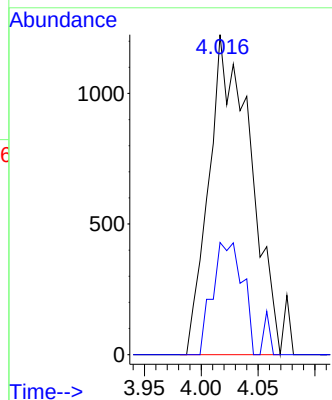
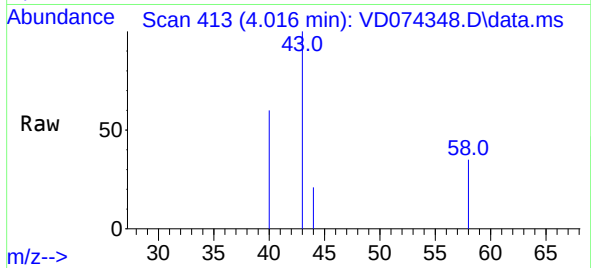




#16
Acetone
Concen: 12.730 ug/l
RT: 4.016 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD074348.D
Acq: 19 Sep 2022 14:50

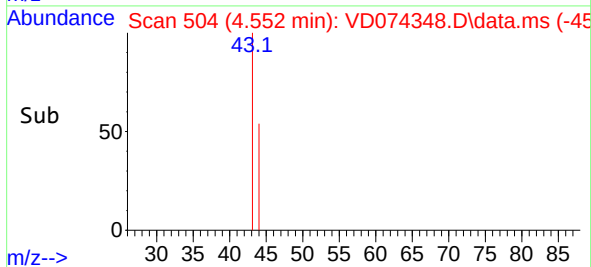
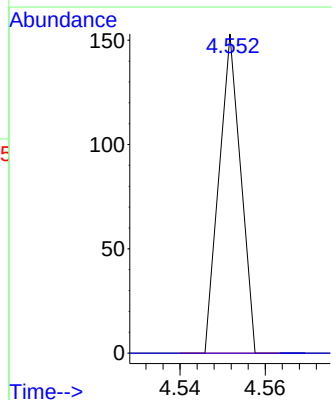
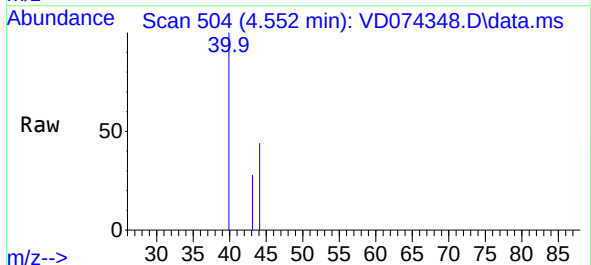
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(25-37)

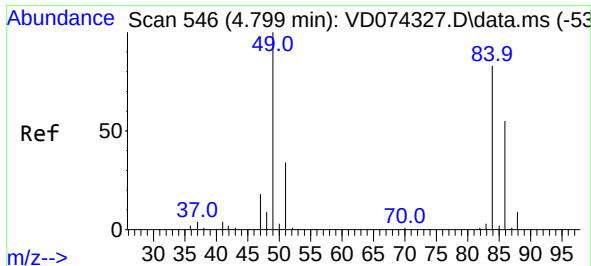
Tgt Ion: 43 Resp: 3116
Ion Ratio Lower Upper
43 100
58 35.0 26.4 39.6



#18
Methyl Acetate
Concen: Below Cal
RT: 4.552 min Scan# 504
Delta R.T. -0.005 min
Lab File: VD074348.D
Acq: 19 Sep 2022 14:50

Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
74 0.0 19.3 28.9#





#20

Methylene Chloride

Concen: 13.028 ug/l

RT: 4.799 min Scan# 54

Delta R.T. -0.000 min

Lab File: VD074348.D

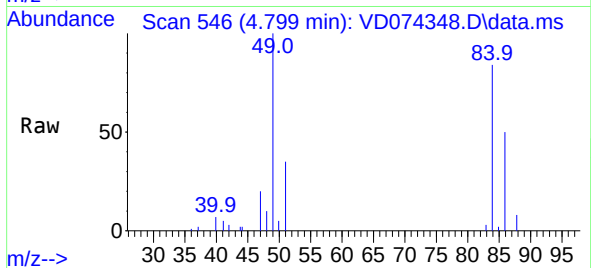
Acq: 19 Sep 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

SASP2-T-6-(25-37)



Tgt Ion: 84 Resp: 29853

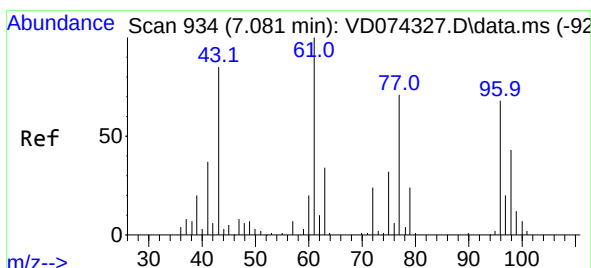
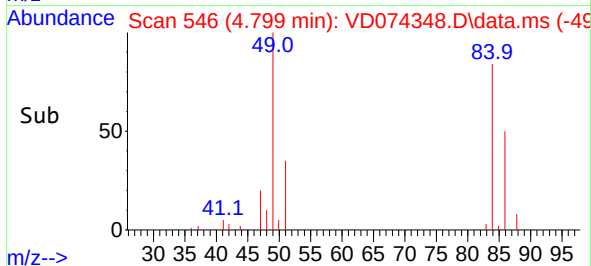
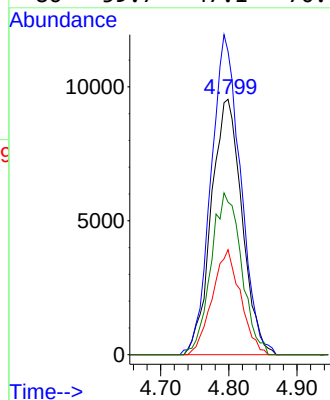
Ion Ratio Lower Upper

84 100

49 118.7 88.4 132.6

51 41.1 28.0 42.0

86 59.7 47.1 70.7



#25

2-Butanone

Concen: 4.460 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD074348.D

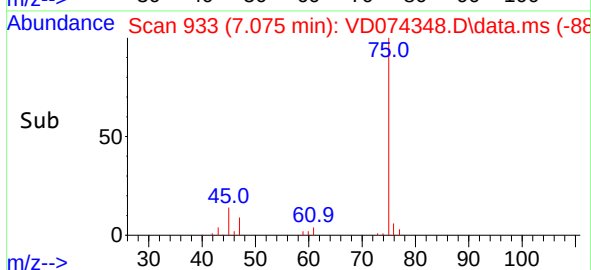
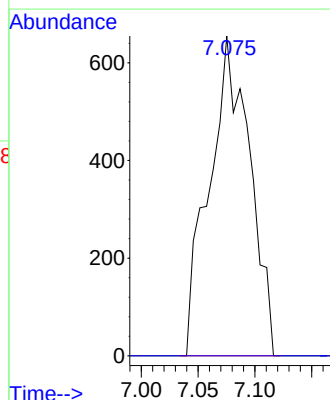
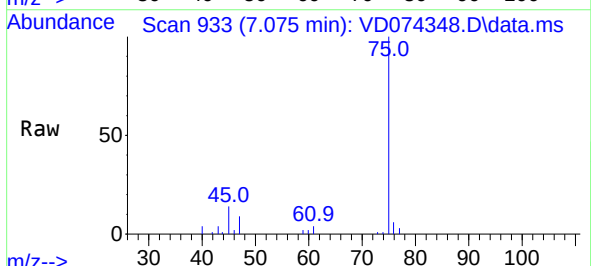
Acq: 19 Sep 2022 14:50

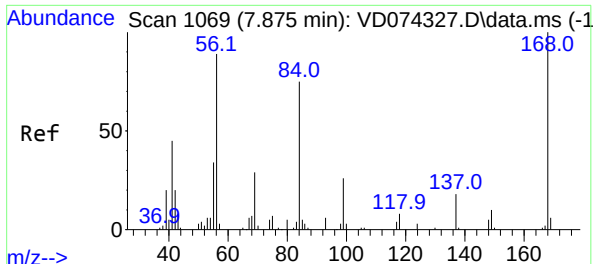
Tgt Ion: 43 Resp: 1626

Ion Ratio Lower Upper

43 100

72 0.0 21.8 32.6#

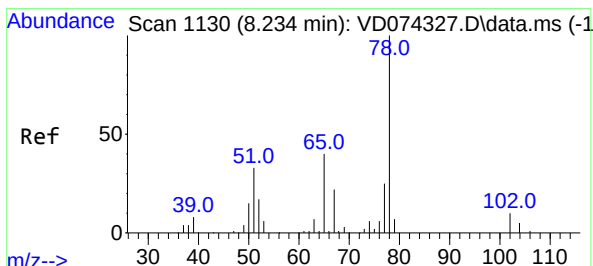
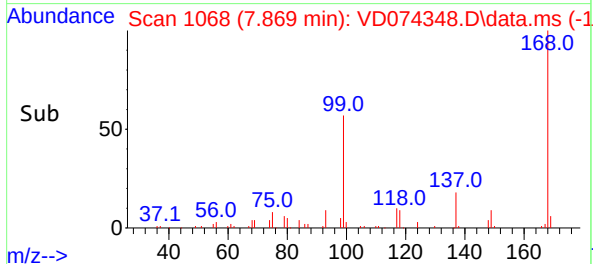
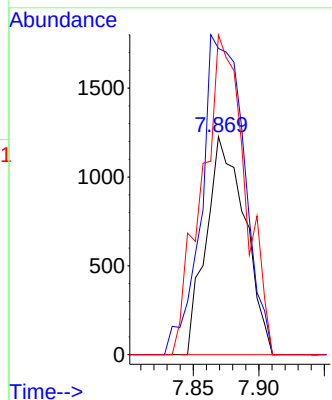
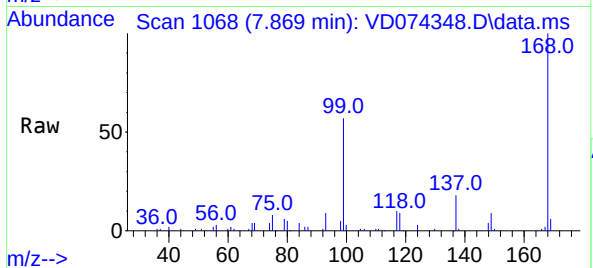




#31
Cyclohexane
Concen: 1.105 ug/l
RT: 7.869 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VD074348.D
Acq: 19 Sep 2022 14:50

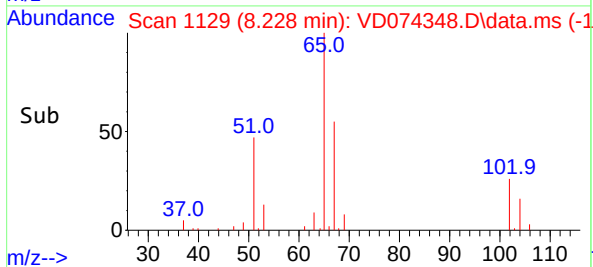
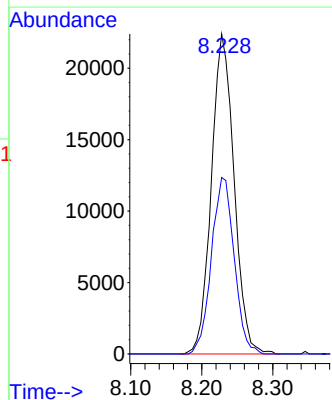
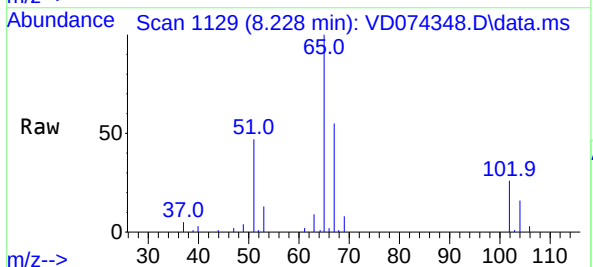
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(25-37)

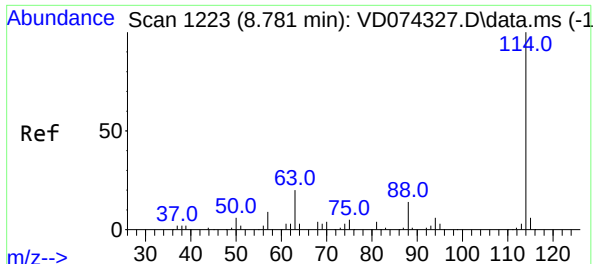
Tgt Ion: 56 Resp: 2518
Ion Ratio Lower Upper
56 100
69 140.5 25.7 38.5#
84 146.6 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 45.678 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074348.D
Acq: 19 Sep 2022 14:50

Tgt Ion: 65 Resp: 49627
Ion Ratio Lower Upper
65 100
67 55.4 0.0 110.6

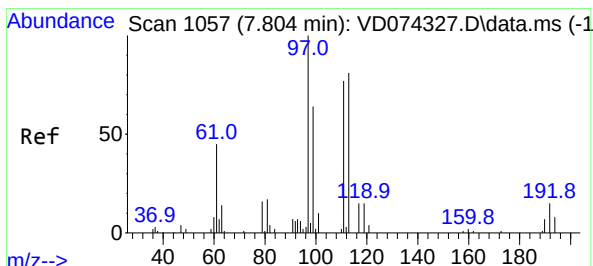
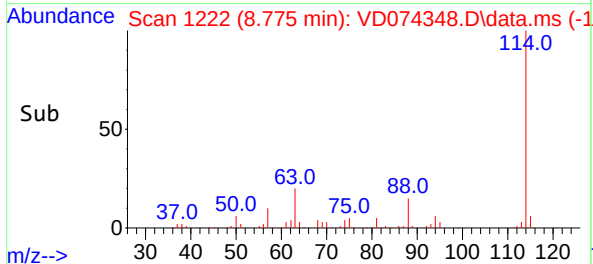
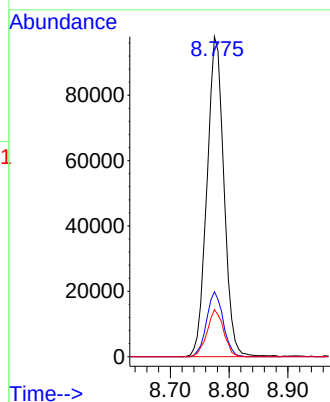
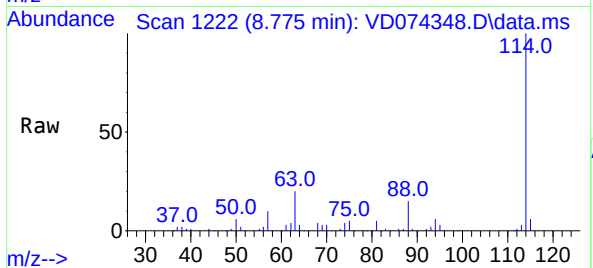




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074348.D
Acq: 19 Sep 2022 14:50

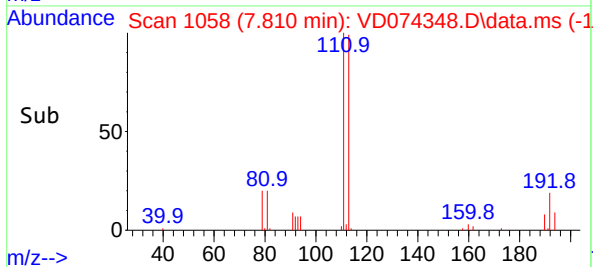
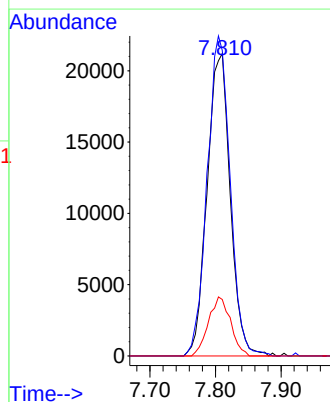
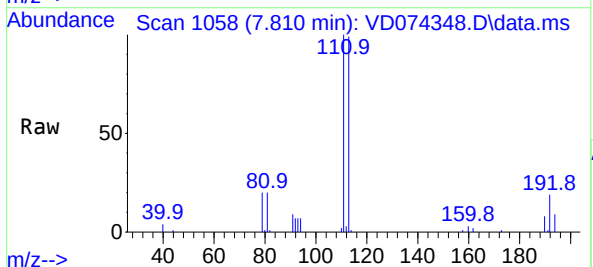
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(25-37)

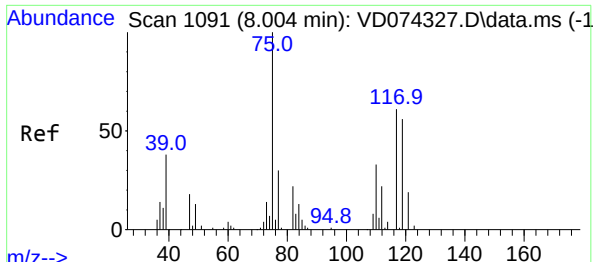
Tgt Ion:114 Resp: 195754
Ion Ratio Lower Upper
114 100
63 20.3 0.0 37.6
88 14.7 0.0 28.4



#35
Dibromofluoromethane
Concen: 40.371 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD074348.D
Acq: 19 Sep 2022 14:50

Tgt Ion:113 Resp: 52048
Ion Ratio Lower Upper
113 100
111 104.8 83.0 124.6
192 18.7 16.2 24.2





#36

1,1-Dichloropropene

Concen: 4.464 ug/l

RT: 7.875 min Scan# 1091

Delta R.T. -0.129 min

Lab File: VD074348.D

Acq: 19 Sep 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

SASP2-T-6-(25-37)

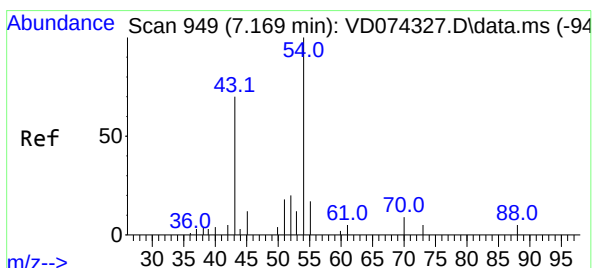
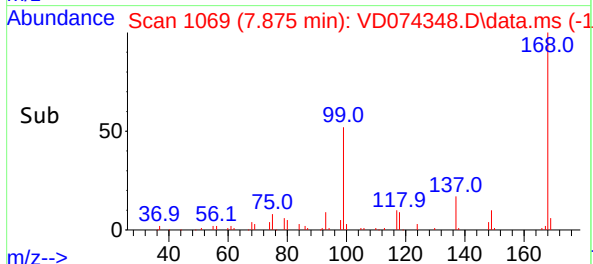
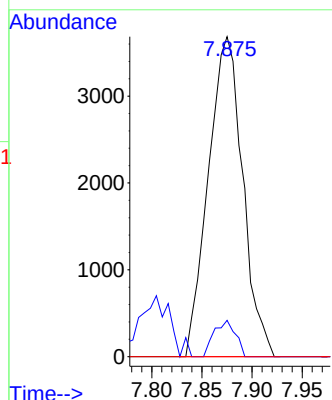
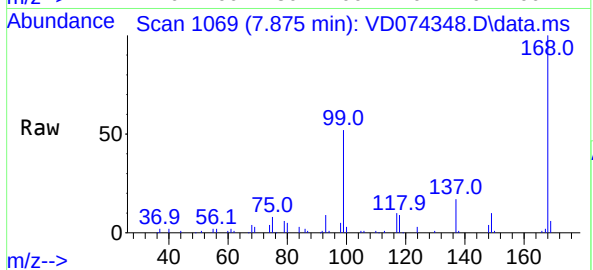
Tgt Ion: 75 Resp: 8785

Ion Ratio Lower Upper

75 100

110 7.1 17.5 52.5#

77 0.0 24.8 37.2#



#37

Ethyl Acetate

Concen: 2.062 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.094 min

Lab File: VD074348.D

Acq: 19 Sep 2022 14:50

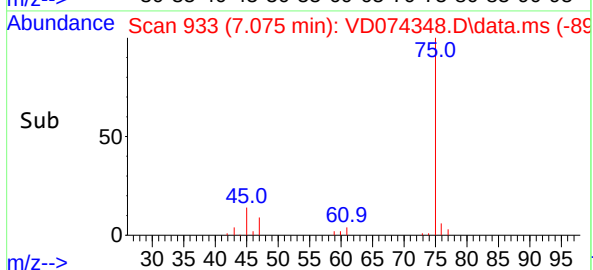
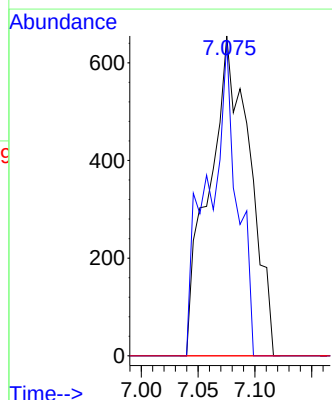
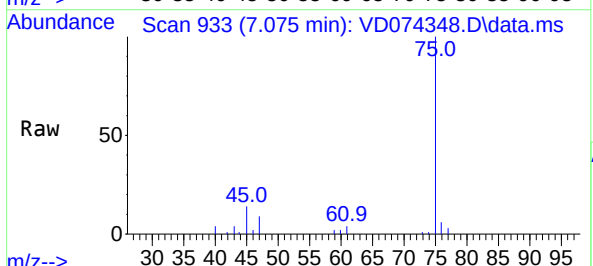
Tgt Ion: 43 Resp: 1626

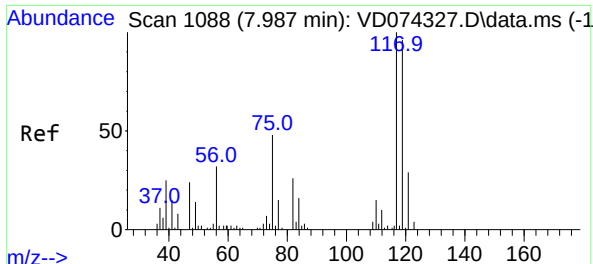
Ion Ratio Lower Upper

43 100

61 70.5 12.1 18.1#

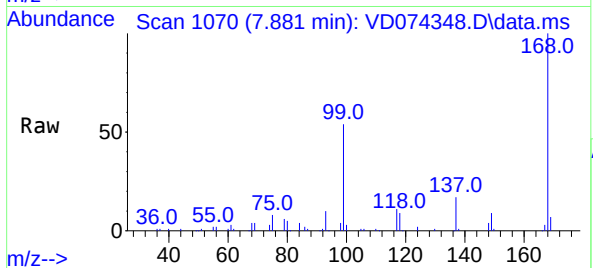
70 0.0 8.5 12.7#



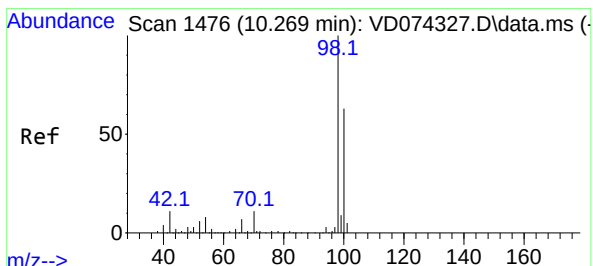
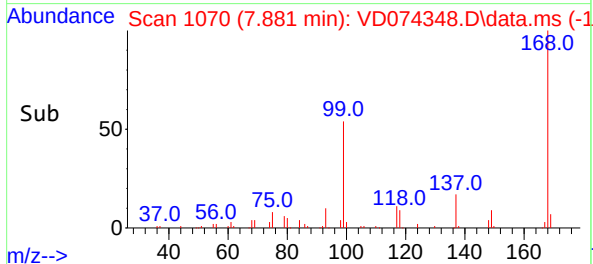
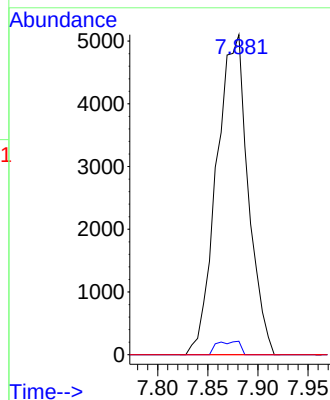


#38
Carbon Tetrachloride
Concen: 6.407 ug/l
RT: 7.881 min Scan# 1088
Delta R.T. -0.106 min
Lab File: VD074348.D
Acq: 19 Sep 2022 14:50

Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(25-37)

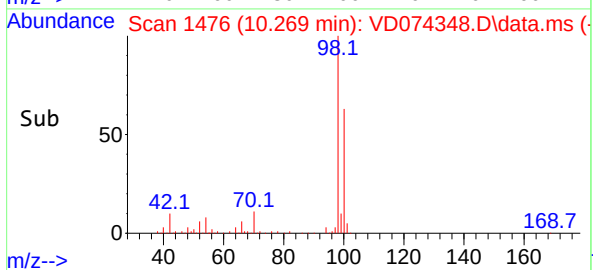
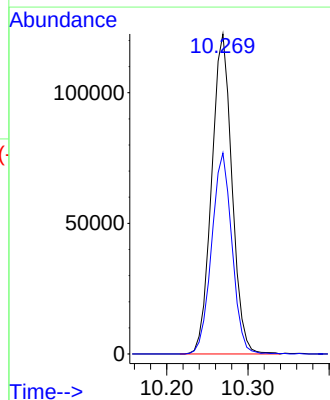
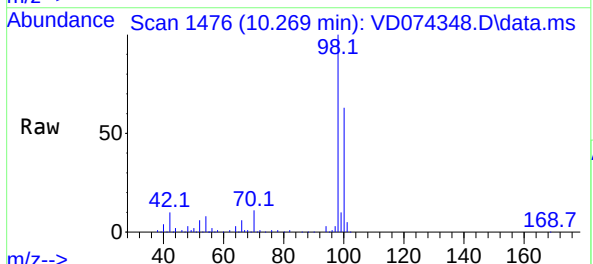


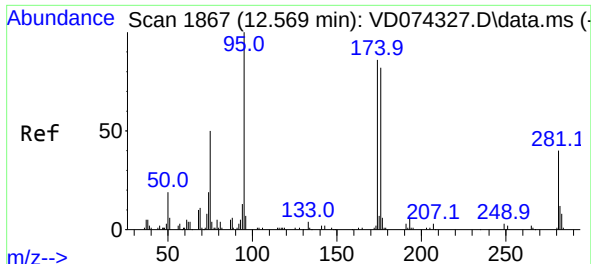
Tgt Ion:117 Resp: 11174
Ion Ratio Lower Upper
117 100
119 4.2 78.8 118.2#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 47.846 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074348.D
Acq: 19 Sep 2022 14:50

Tgt Ion: 98 Resp: 212846
Ion Ratio Lower Upper
98 100
100 62.8 51.8 77.8

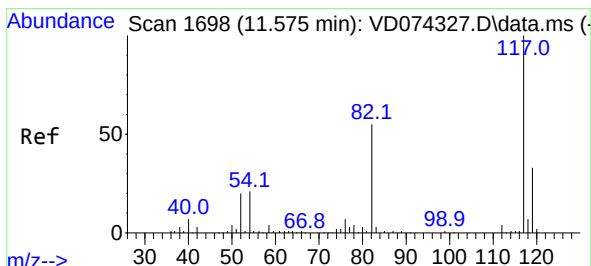
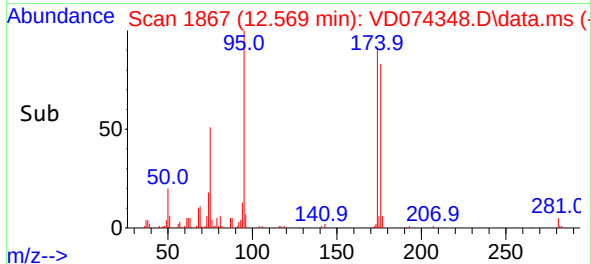
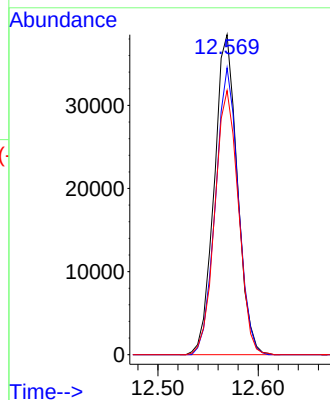
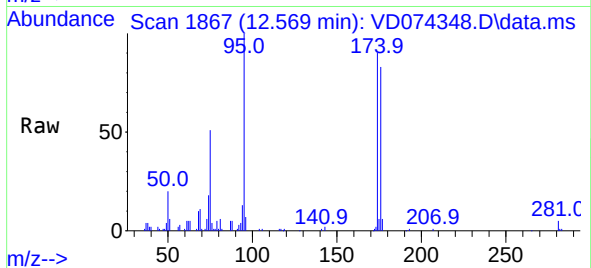




#62
4-Bromofluorobenzene
Concen: 39.781 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074348.D
Acq: 19 Sep 2022 14:50

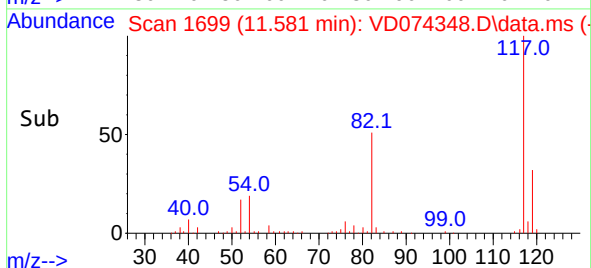
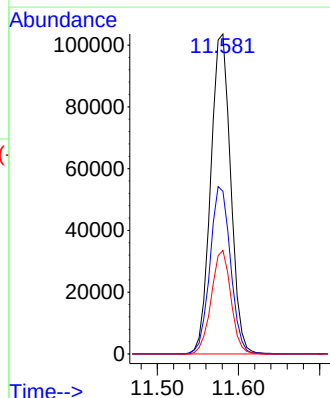
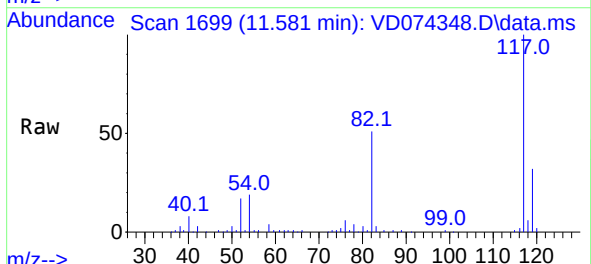
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(25-37)

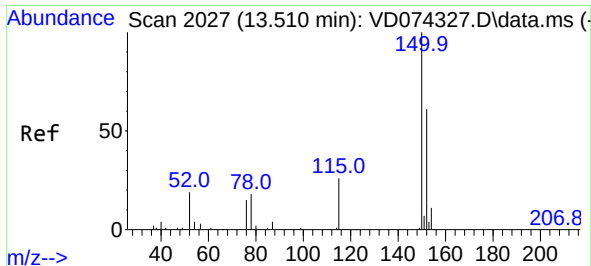
Tgt Ion:	95	Resp:	61736
Ion	Ratio	Lower	Upper
95	100		
174	88.3	0.0	179.2
176	83.8	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VD074348.D
Acq: 19 Sep 2022 14:50

Tgt Ion:	117	Resp:	176836
Ion	Ratio	Lower	Upper
117	100		
82	50.9	44.2	66.2
119	32.3	25.4	38.0

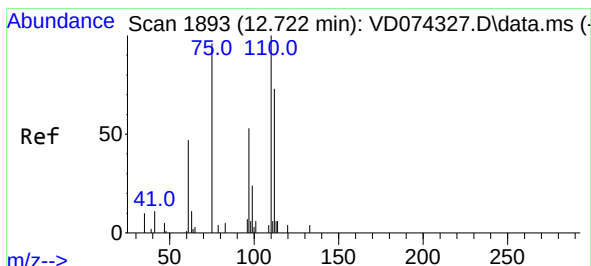
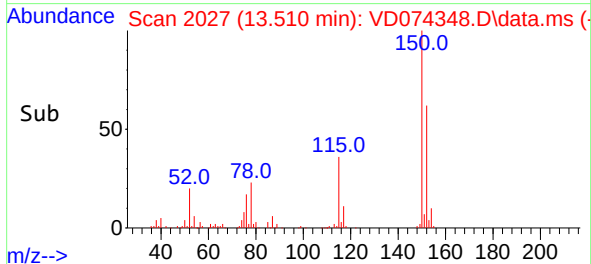
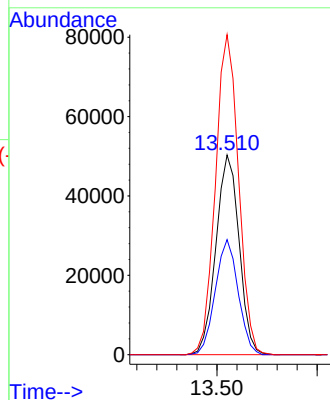
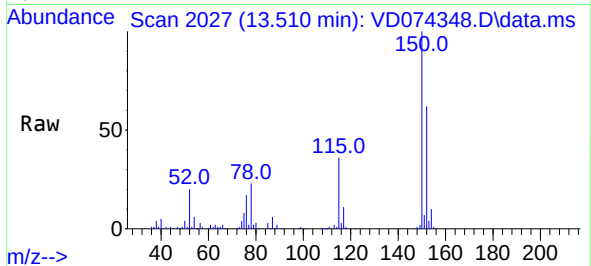




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD074348.D
 Acq: 19 Sep 2022 14:50

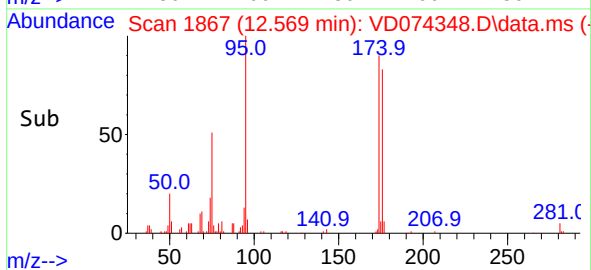
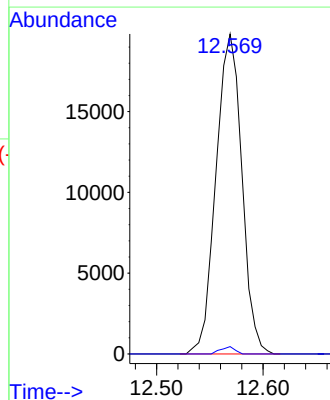
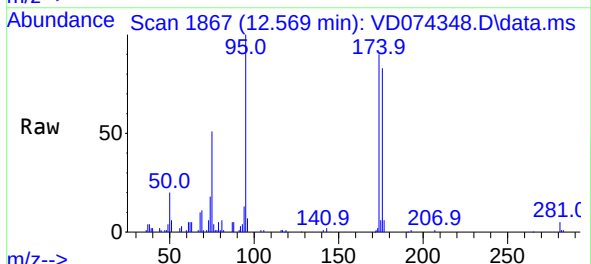
Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-T-6-(25-37)

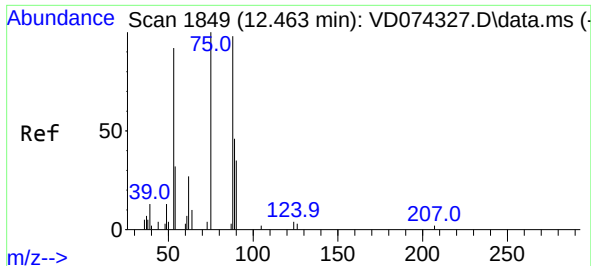
Tgt Ion:152 Resp: 80650
 Ion Ratio Lower Upper
 152 100
 115 56.9 28.4 85.2
 150 159.5 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 44.720 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD074348.D
 Acq: 19 Sep 2022 14:50

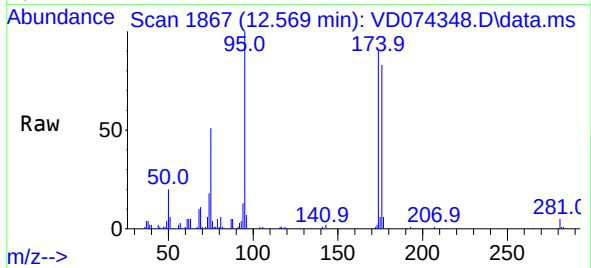
Tgt Ion: 75 Resp: 33370
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.080 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074348.D
 Acq: 19 Sep 2022 14:50

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-T-6-(25-37)



Tgt Ion: 75 Resp: 33370
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.2 0.0 0.0#

