

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091622\
 Data File : VD074340.D
 Acq On : 16 Sep 2022 20:03
 Operator : VA/SY
 Sample : N4613-03
 Misc : 5.49G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Sep 17 04:24:26 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	4422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	9456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	10321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	5265	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	4659	108.170	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	216.340%#
35) Dibromofluoromethane	7.799	113	3616	58.062	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.120%
50) Toluene-d8	10.269	98	11120	51.748	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.500%
62) 4-Bromofluorobenzene	12.563	95	4247	59.390	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.780%

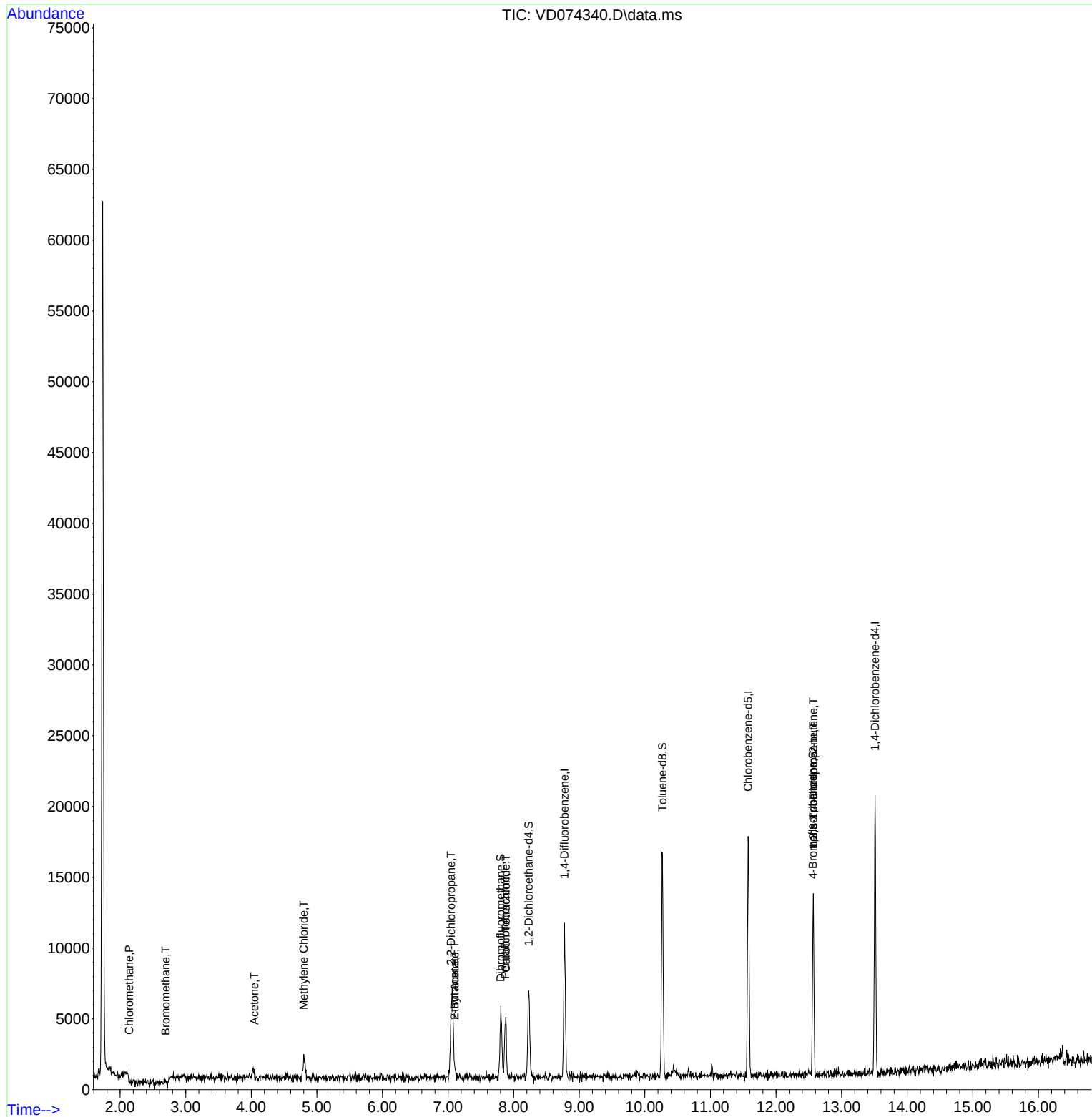
Target Compounds					Qvalue	
3) Chloromethane	2.140	50	72	1.859	ug/l #	42
5) Bromomethane	2.693	94	65	2.765	ug/l #	3
16) Acetone	4.046	43	723	74.509	ug/l #	42
20) Methylene Chloride	4.799	84	1181	12.978	ug/l #	72
25) 2-Butanone	7.099	43	57	3.944	ug/l #	48
26) 2,2-Dichloropropane	7.046	77	523	6.810	ug/l #	53
37) Ethyl Acetate	7.099	43	57	1.497	ug/l #	67
38) Carbon Tetrachloride	7.881	117	232	2.754	ug/l #	11
76) 1,2,3-Trichloropropane	12.569	75	2038	41.837	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	2038	104.854	ug/l #	100

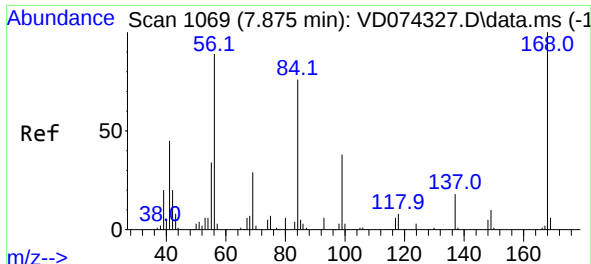
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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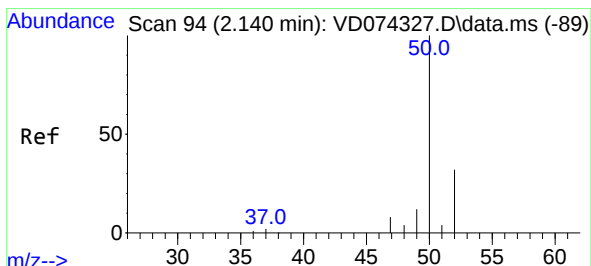
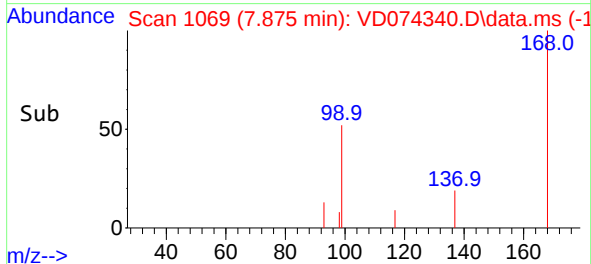
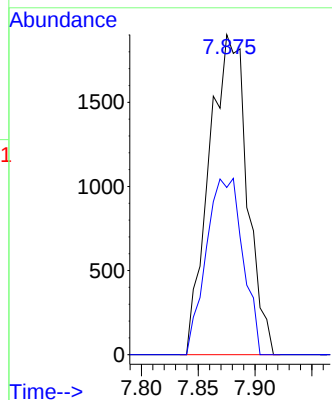
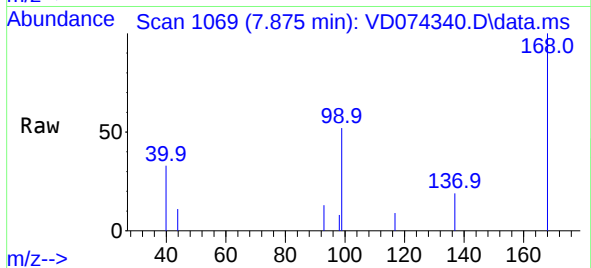




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074340.D
Acq: 16 Sep 2022 20:03

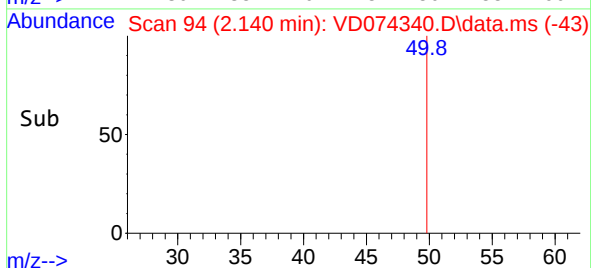
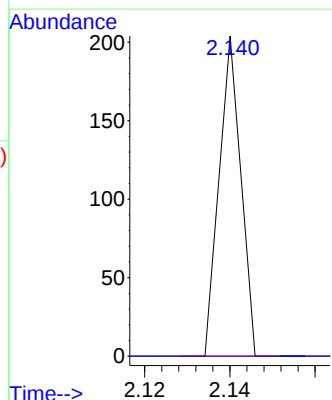
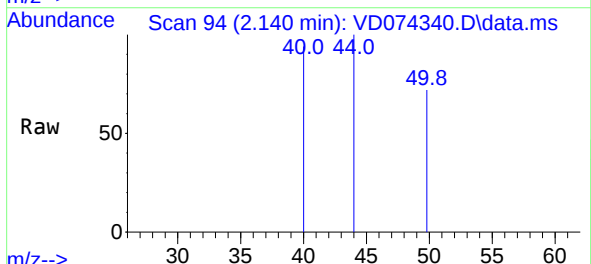
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(25-37)

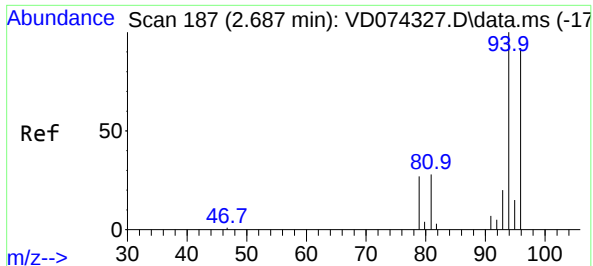
Tgt Ion:168 Resp: 4422
Ion Ratio Lower Upper
168 100
99 52.3 43.0 64.6



#3
Chloromethane
Concen: 1.859 ug/l
RT: 2.140 min Scan# 94
Delta R.T. 0.000 min
Lab File: VD074340.D
Acq: 16 Sep 2022 20:03

Tgt Ion: 50 Resp: 72
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.8#

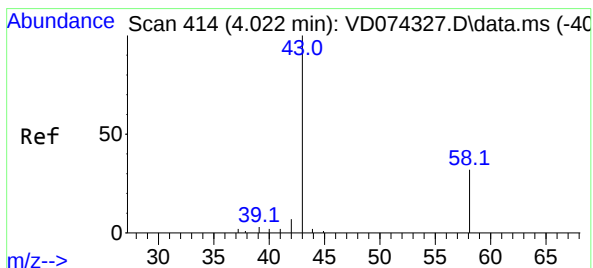
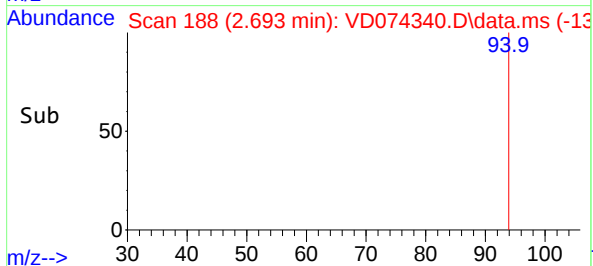
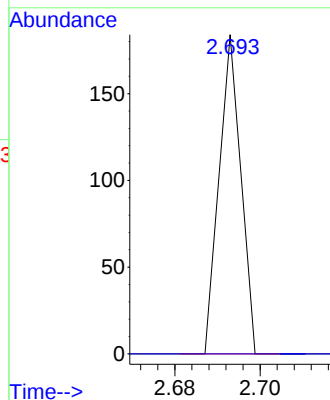
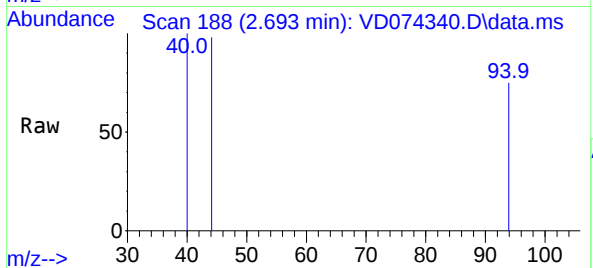




#5
Bromomethane
Concen: 2.765 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074340.D
Acq: 16 Sep 2022 20:03

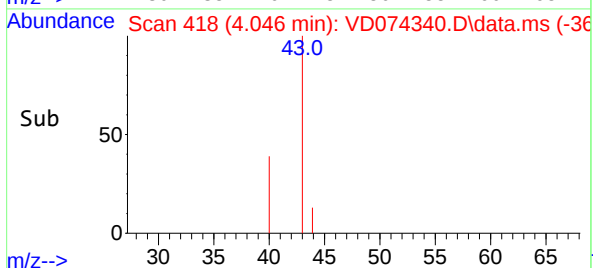
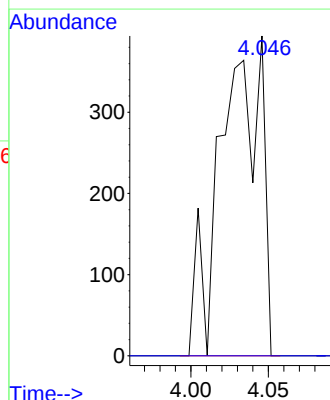
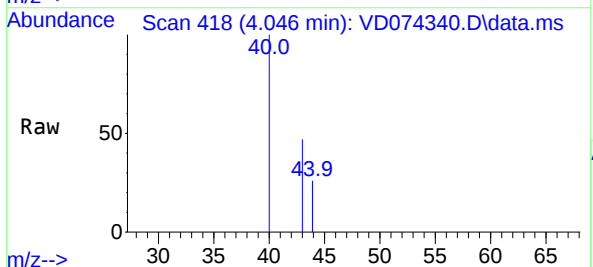
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(25-37)

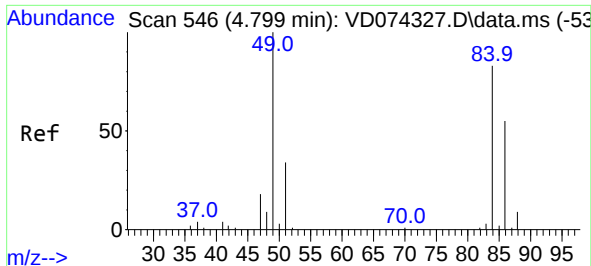
Tgt Ion: 94 Resp: 65
Ion Ratio Lower Upper
94 100
96 0.0 74.6 112.0#



#16
Acetone
Concen: 74.509 ug/l
RT: 4.046 min Scan# 418
Delta R.T. 0.024 min
Lab File: VD074340.D
Acq: 16 Sep 2022 20:03

Tgt Ion: 43 Resp: 723
Ion Ratio Lower Upper
43 100
58 0.0 26.4 39.6#



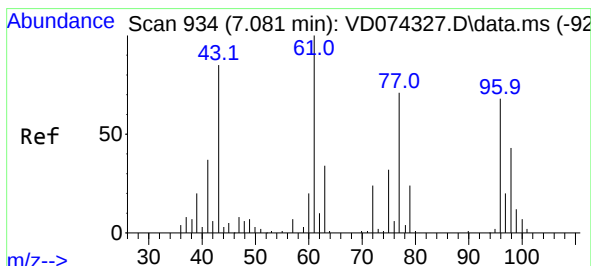
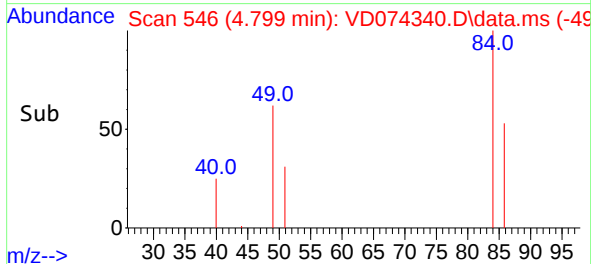
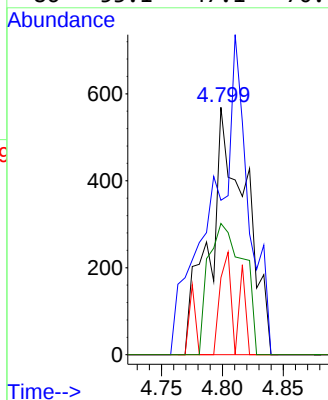
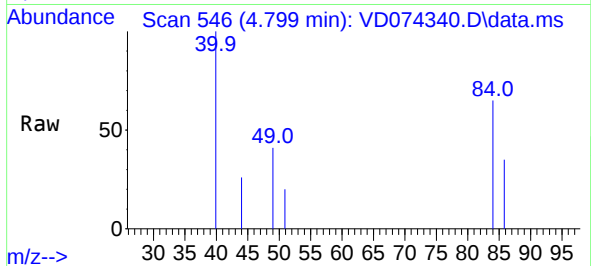


#20
Methylene Chloride
Concen: 12.978 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD074340.D
Acq: 16 Sep 2022 20:03

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

Tgt Ion: 84 Resp: 1181

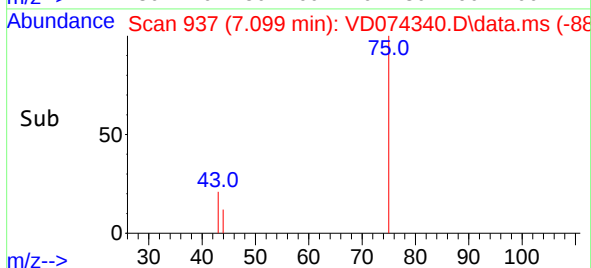
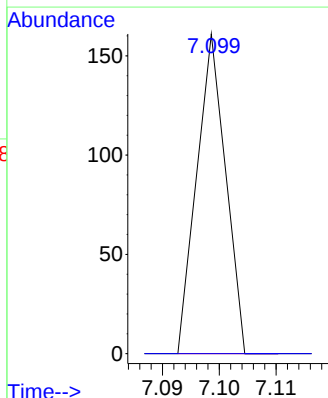
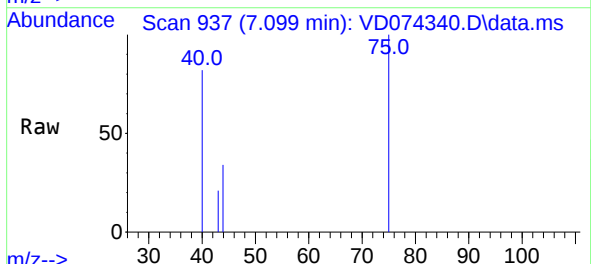
Ion	Ratio	Lower	Upper
84	100		
49	62.4	88.4	132.6#
51	31.1	28.0	42.0
86	53.1	47.1	70.7

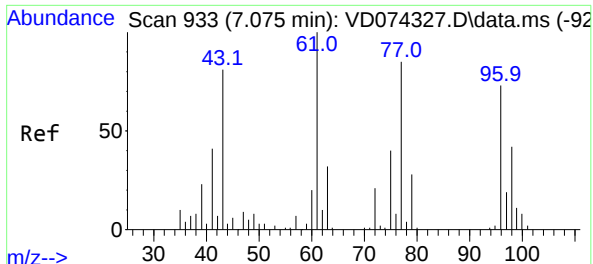


#25
2-Butanone
Concen: 3.944 ug/l
RT: 7.099 min Scan# 937
Delta R.T. 0.018 min
Lab File: VD074340.D
Acq: 16 Sep 2022 20:03

Tgt Ion: 43 Resp: 57

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.8	32.6#





#26

2,2-Dichloropropane

Concen: 6.810 ug/l

RT: 7.046 min Scan# 91

Delta R.T. -0.029 min

Lab File: VD074340.D

Acq: 16 Sep 2022 20:03

Instrument :

MSVOA_D

ClientSampleId :

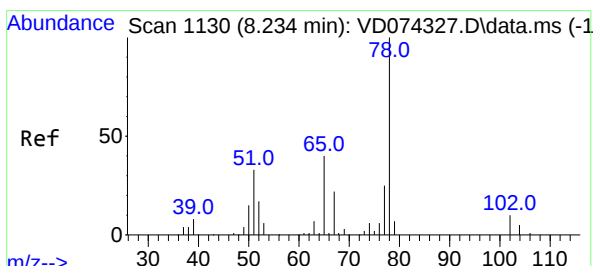
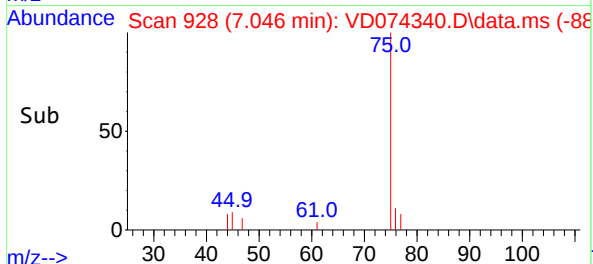
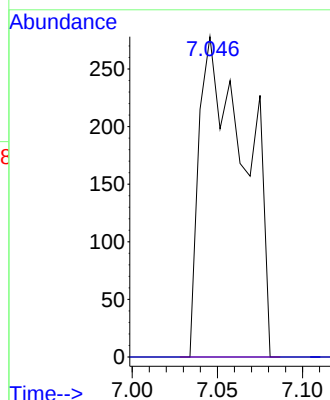
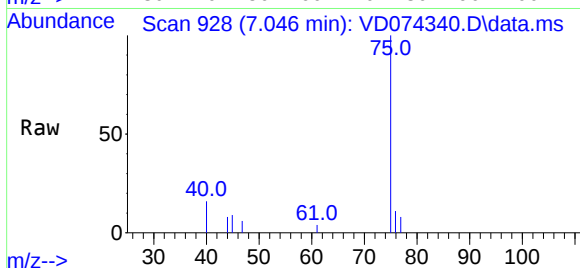
SASP2-T-6-(25-37)

Tgt Ion: 77 Resp: 523

Ion Ratio Lower Upper

77 100

97 0.0 11.5 34.4#



#33

1,2-Dichloroethane-d4

Concen: 108.170 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074340.D

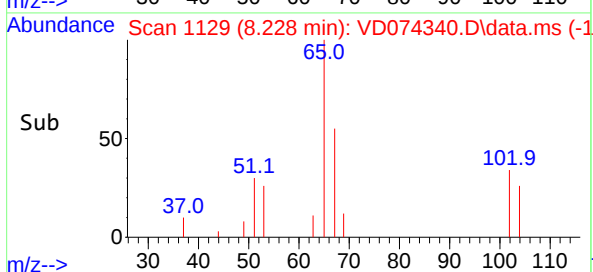
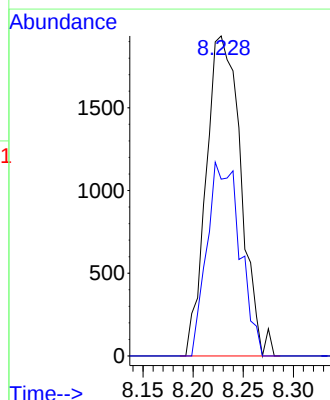
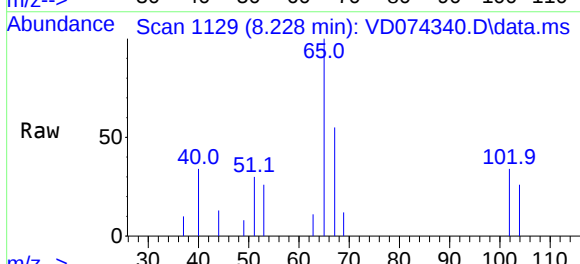
Acq: 16 Sep 2022 20:03

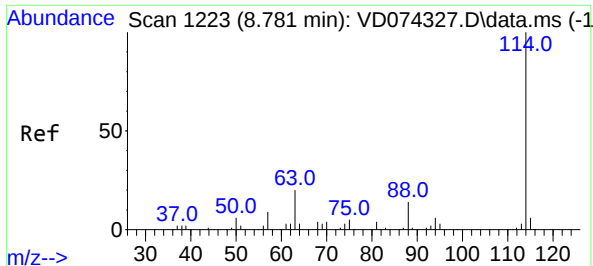
Tgt Ion: 65 Resp: 4659

Ion Ratio Lower Upper

65 100

67 57.2 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: VD074340.D

Acq: 16 Sep 2022 20:03

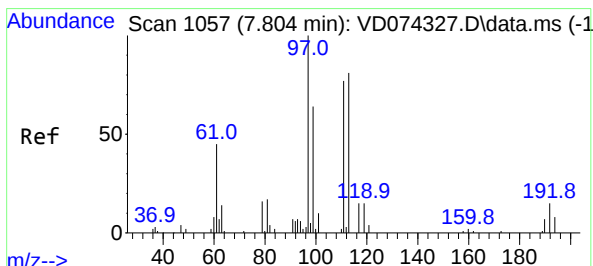
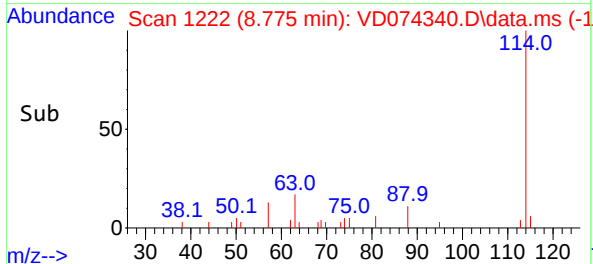
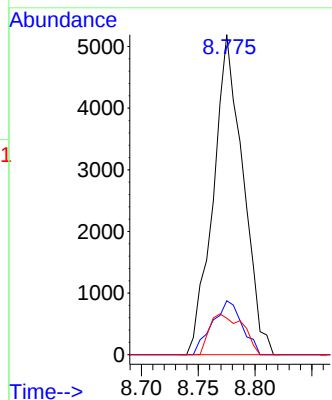
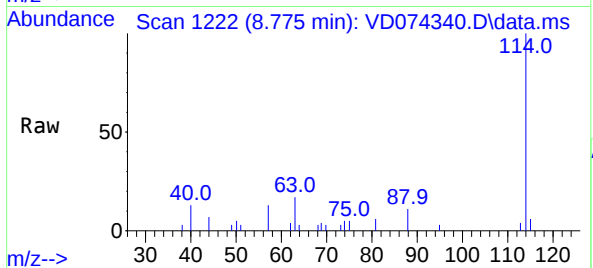
Instrument :

MSVOA_D

ClientSampleId :

SASP2-T-6-(25-37)

Tgt Ion:114	Resp:	9456
Ion Ratio	Lower	Upper
114	100	
63	16.9	0.0 37.6
88	11.4	0.0 28.4



#35

Dibromofluoromethane

Concen: 58.062 ug/l

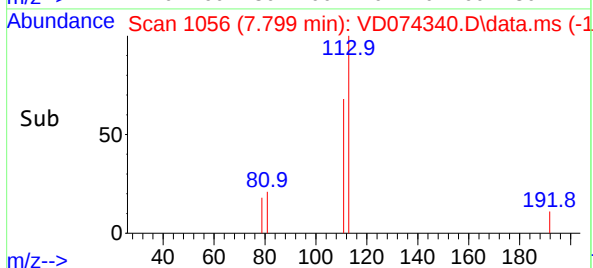
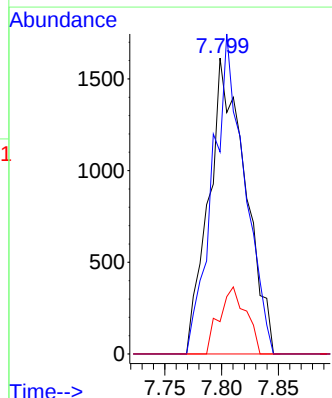
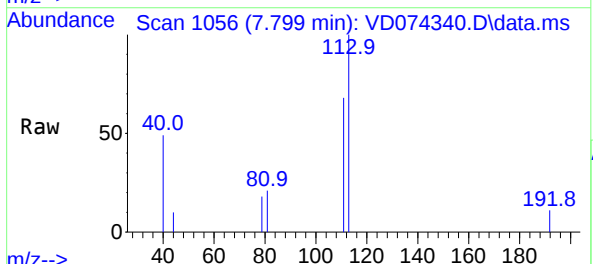
RT: 7.799 min Scan# 1056

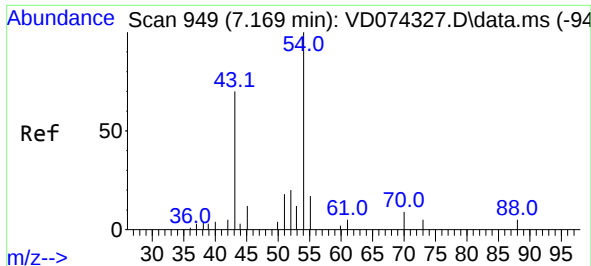
Delta R.T. -0.005 min

Lab File: VD074340.D

Acq: 16 Sep 2022 20:03

Tgt Ion:113	Resp:	3616
Ion Ratio	Lower	Upper
113	100	
111	94.9	83.0 124.6
192	16.5	16.2 24.2





#37

Ethyl Acetate

Concen: 1.497 ug/l

RT: 7.099 min Scan# 91

Delta R.T. -0.070 min

Lab File: VD074340.D

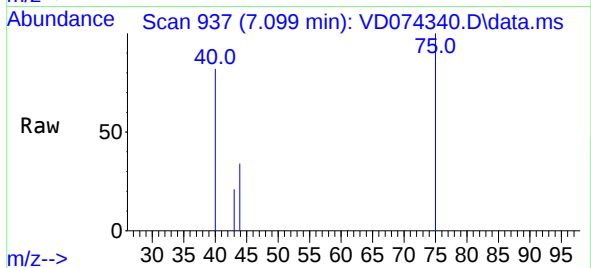
Acq: 16 Sep 2022 20:03

Instrument :

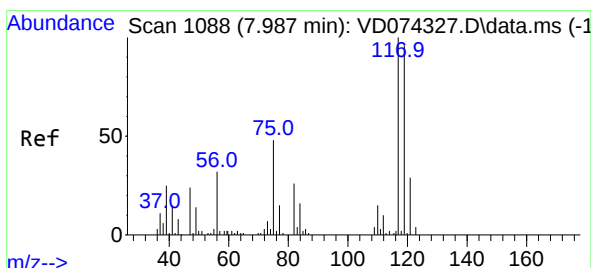
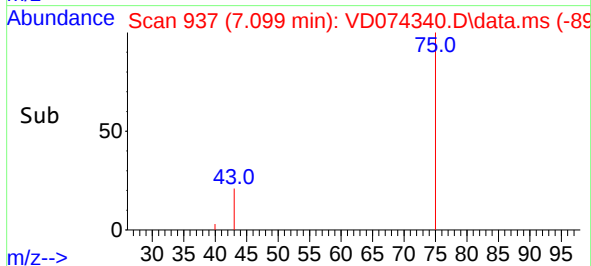
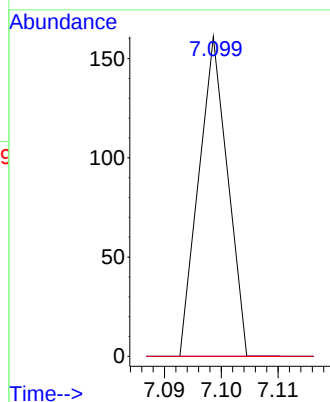
MSVOA_D

ClientSampleId :

SASP2-T-6-(25-37)



Tgt Ion: 43	Resp: 57
Ion Ratio	Lower Upper
43 100	
61 0.0	12.1 18.1#
70 0.0	8.5 12.7#



#38

Carbon Tetrachloride

Concen: 2.754 ug/l

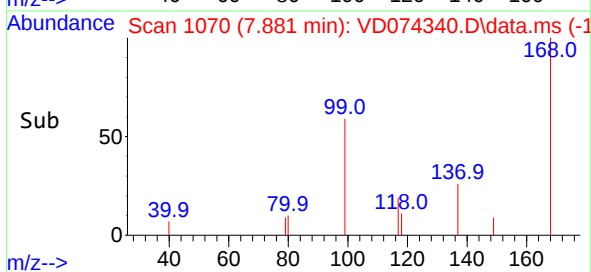
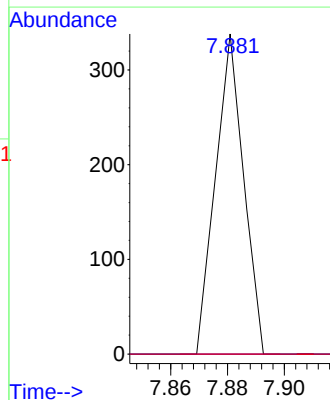
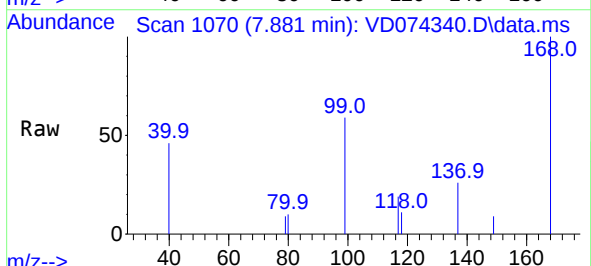
RT: 7.881 min Scan# 1070

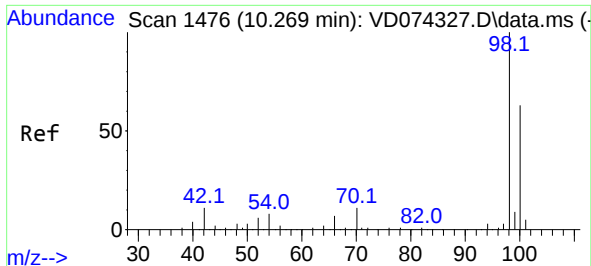
Delta R.T. -0.106 min

Lab File: VD074340.D

Acq: 16 Sep 2022 20:03

Tgt Ion:117	Resp:	232	
Ion	Ratio	Lower	Upper
117	100		
119	0.0	78.8	118.2#
121	0.0	23.9	35.9#

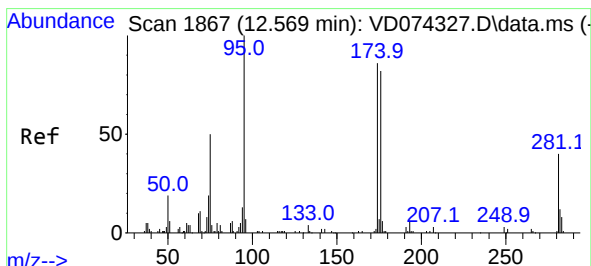
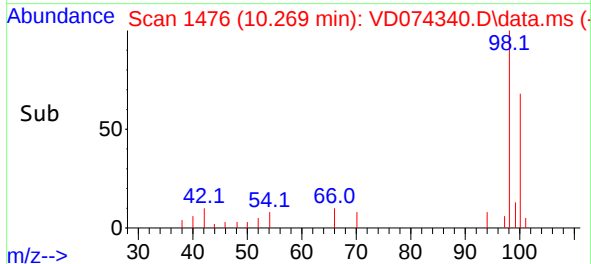
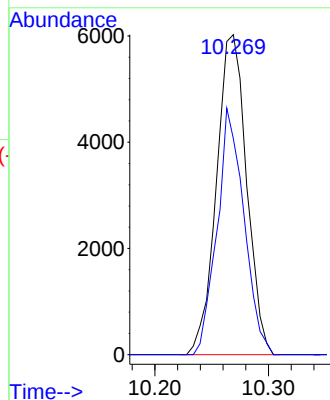
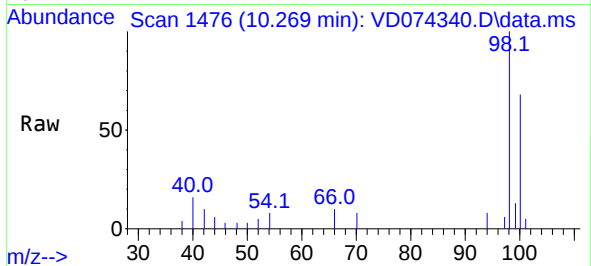




#50
Toluene-d8
Concen: 51.748 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074340.D
Acq: 16 Sep 2022 20:03

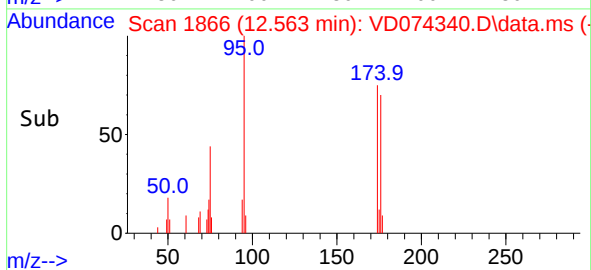
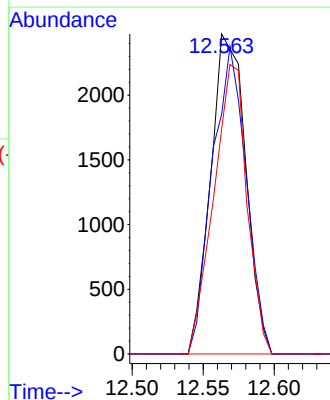
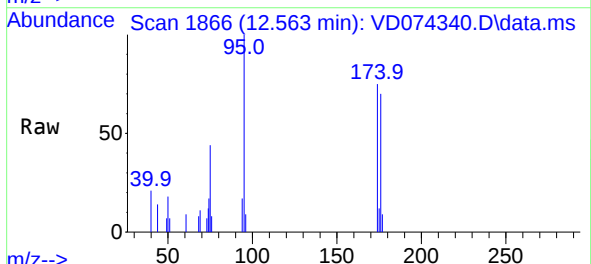
Instrument :
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SASP2-T-6-(25-37)

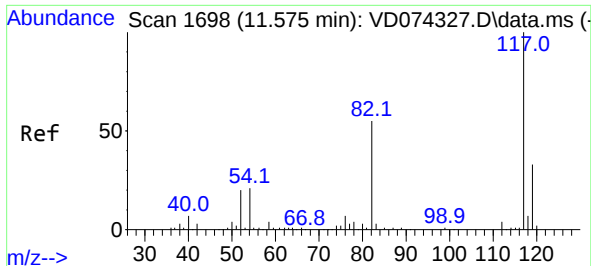
Tgt Ion: 98 Resp: 11120
Ion Ratio Lower Upper
98 100
100 68.8 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 59.390 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VD074340.D
Acq: 16 Sep 2022 20:03

Tgt Ion: 95 Resp: 4247
Ion Ratio Lower Upper
95 100
174 92.7 0.0 179.2
176 85.9 0.0 171.4

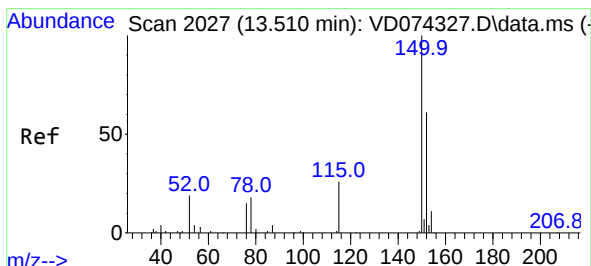
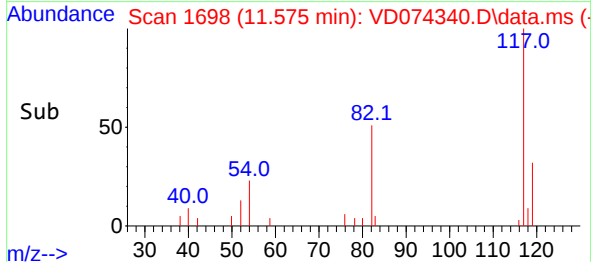
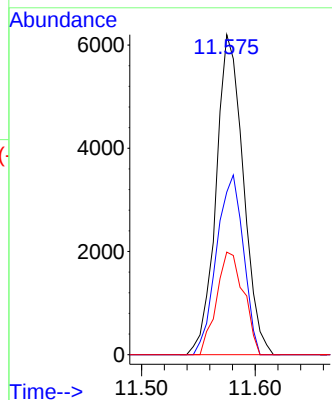
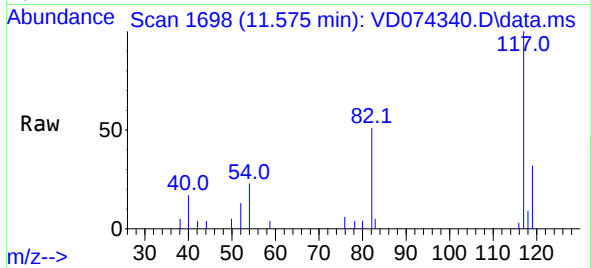




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074340.D
Acq: 16 Sep 2022 20:03

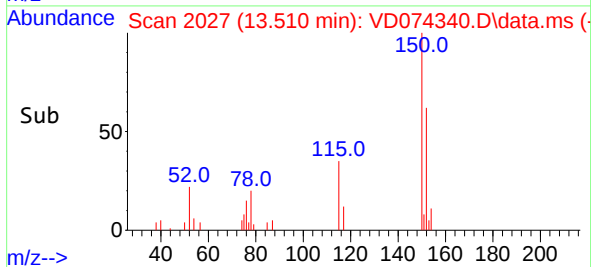
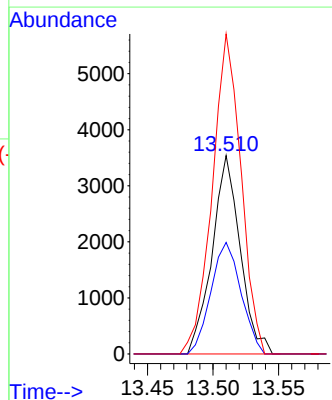
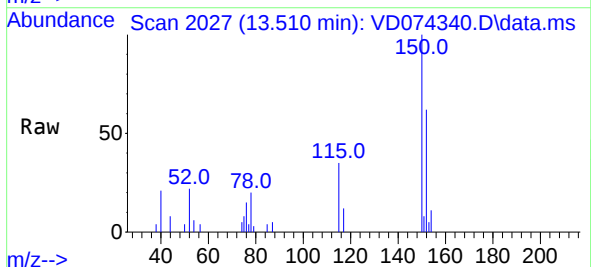
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(25-37)

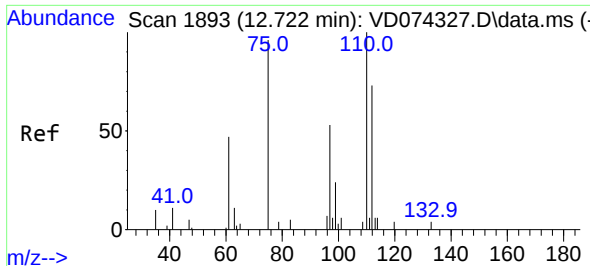
Tgt Ion:117 Resp: 10321
Ion Ratio Lower Upper
117 100
82 50.8 44.2 66.2
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074340.D
Acq: 16 Sep 2022 20:03

Tgt Ion:152 Resp: 5265
Ion Ratio Lower Upper
152 100
115 60.3 28.4 85.2
150 165.0 0.0 351.0

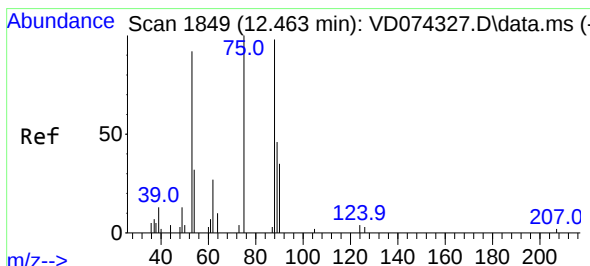
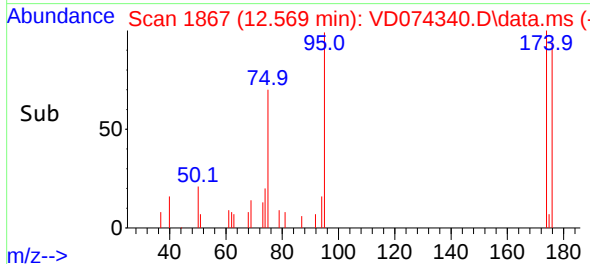
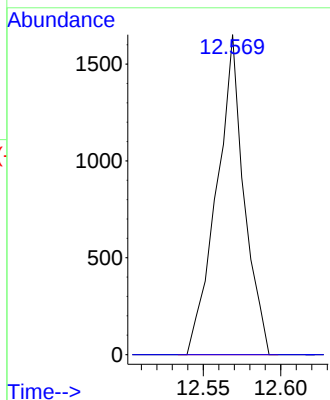
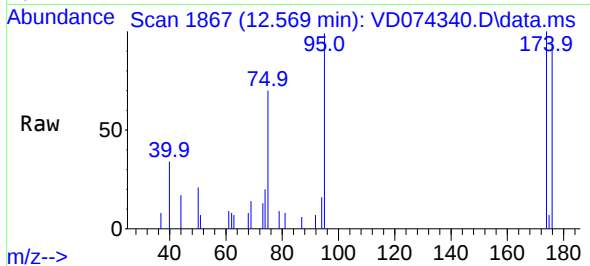




#76
1,2,3-Trichloropropane
Concen: 41.837 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074340.D
Acq: 16 Sep 2022 20:03

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

Tgt Ion: 75 Resp: 2038
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 104.854 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074340.D
Acq: 16 Sep 2022 20:03

Tgt Ion: 75 Resp: 2038
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

