

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121823\
 Data File : VD077947.D
 Acq On : 18 Dec 2023 15:11
 Operator : RP/MD
 Sample : 05808-07
 Misc : 6.26G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 18 23:17:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Dec 18 23:16:23 2023
 Response via : Initial Calibration

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

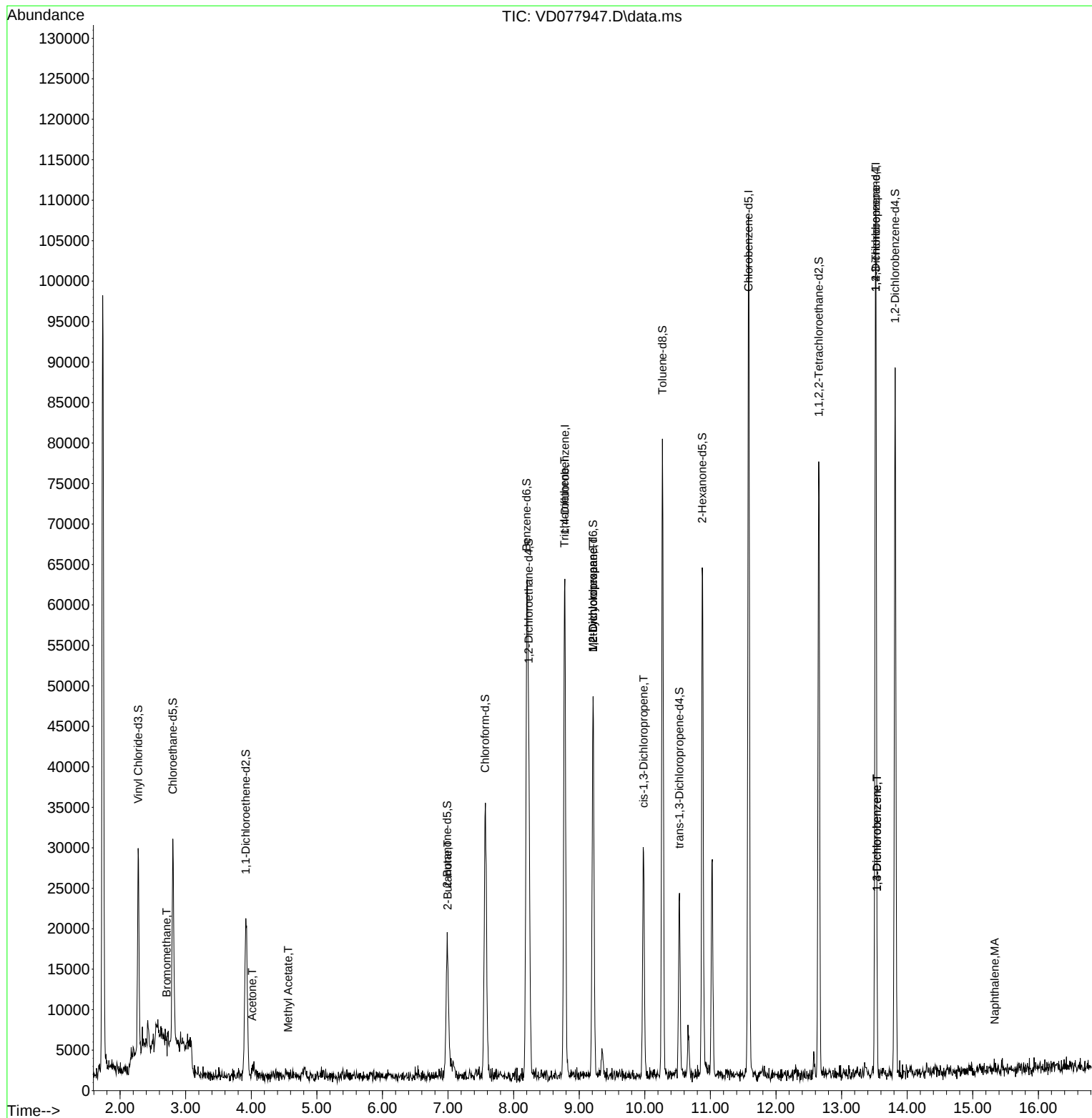
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	55160	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	61887	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	28349	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	23323	15.505	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.000%
7) Chloroethane-d5	2.805	69	24823	20.703	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	3.917	65	3418	8.763	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	35.040%#
21) 2-Butanone-d5	6.987	46	26663	140.247	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	280.500%#
24) Chloroform-d	7.563	84	35296	23.742	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.960%
26) 1,2-Dichloroethane-d4	8.228	65	25351	33.656	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	134.640%#
32) Benzene-d6	8.199	84	62200	16.688	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	66.760%
36) 1,2-Dichloropropane-d6	9.210	67	22685	19.947	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.800%
41) Toluene-d8	10.269	98	54420	15.863	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	63.440%
43) trans-1,3-Dichloroprop...	10.528	79	12661	25.176	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.720%
47) 2-Hexanone-d5	10.875	63	23203	118.403	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	236.800%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	40232	48.956	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	195.840%#
66) 1,2-Dichlorobenzene-d4	13.816	152	23415	23.088	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.360%
Target Compounds						Qvalue
6) Bromomethane	2.711	94	343	0.411	ug/L #	51
13) Acetone	4.017	43	728	2.989	ug/L	81
15) Methyl Acetate	4.564	43	436	1.250	ug/L #	52
22) 2-Butanone	6.993	43	327	1.193	ug/L	87
34) Trichloroethene	8.775	95	1640	1.640	ug/L #	5
35) Methylcyclohexane	9.210	83	5053	2.847	ug/L #	20
37) 1,2-Dichloropropane	9.210	63	2678	2.550	ug/L #	87
39) cis-1,3-Dichloropropene	9.981	75	847	0.516	ug/L #	80
61) 1,2,3-Trichloropropane	13.522	75	3906	7.491	ug/L #	62
64) 1,3-Dichlorobenzene	13.540	146	744	0.407	ug/L #	58
65) 1,4-Dichlorobenzene	13.540	146	744	0.392	ug/L #	58
71) Naphthalene	15.334	128	851	0.440	ug/L #	69

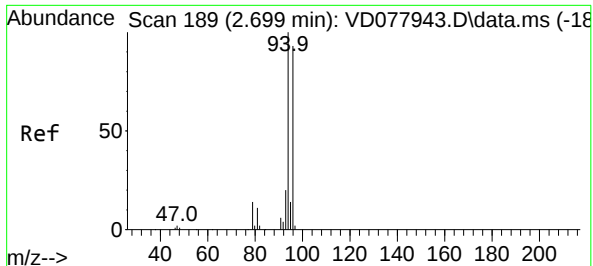
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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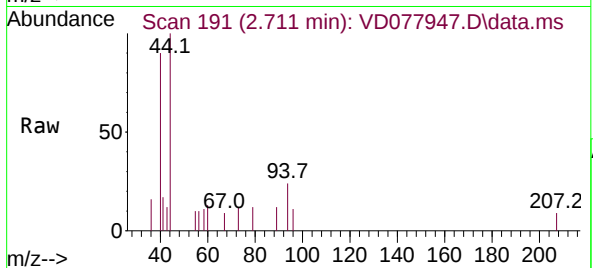
Quant Time: Dec 18 23:17:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Dec 18 23:16:23 2023
Response via : Initial Calibration



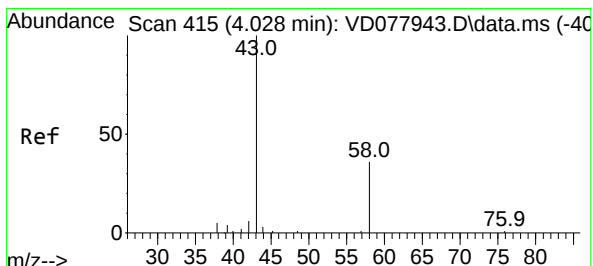
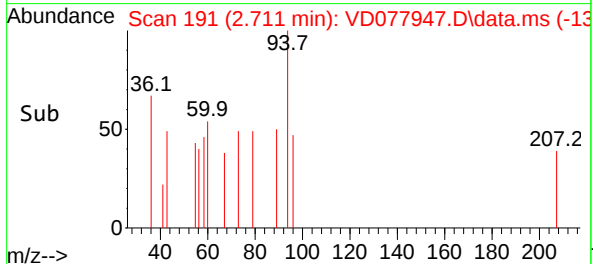
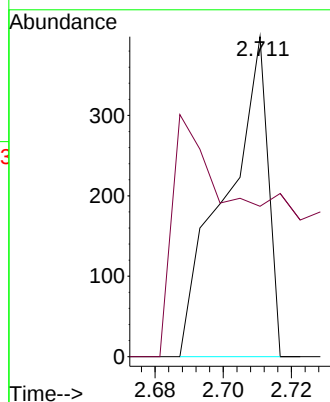


#6
Bromomethane
Concen: 0.411 ug/L
RT: 2.711 min Scan# 191
Delta R.T. 0.012 min
Lab File: VD077947.D
Acq: 18 Dec 2023 15:11

Instrument :
MSVOA_D
ClientSampleId :

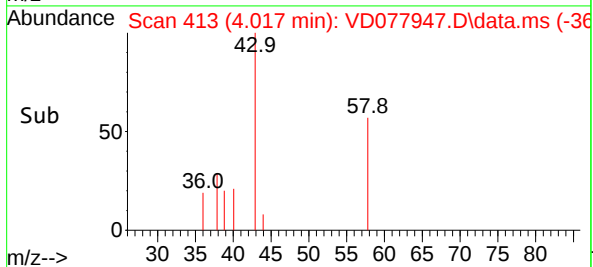
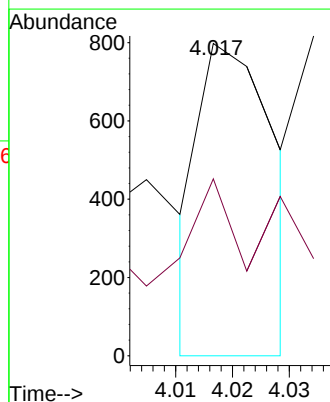
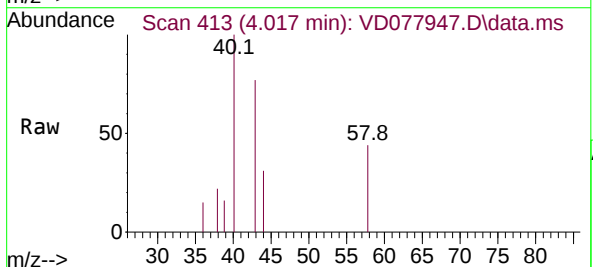


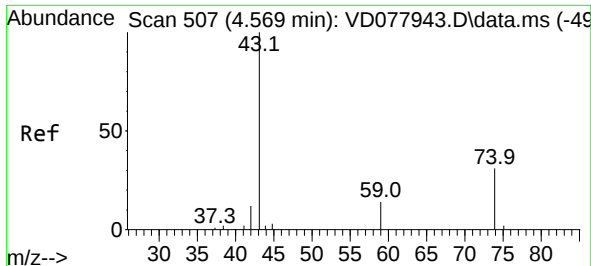
Tgt Ion: 94 Resp: 343
Ion Ratio Lower Upper
94 100
96 47.0 66.0 122.6#



#13
Acetone
Concen: 2.989 ug/L
RT: 4.017 min Scan# 413
Delta R.T. -0.012 min
Lab File: VD077947.D
Acq: 18 Dec 2023 15:11

Tgt Ion: 43 Resp: 728
Ion Ratio Lower Upper
43 100
58 44.5 0.0 67.2

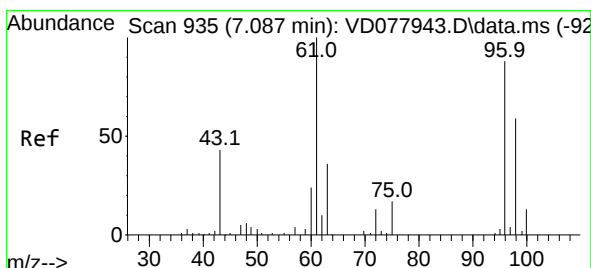
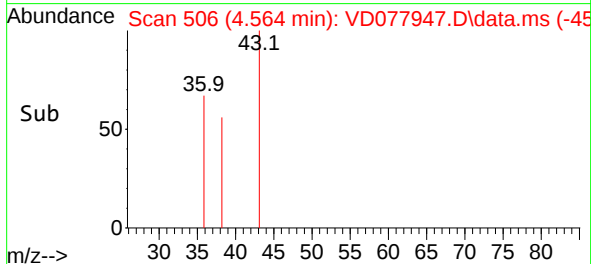
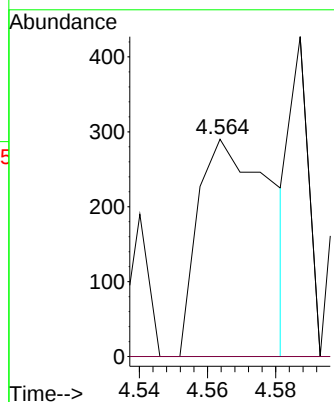
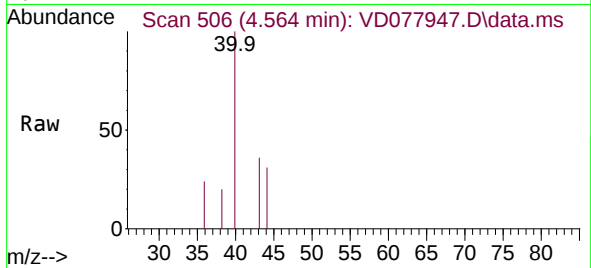




#15
Methyl Acetate
Concen: 1.250 ug/L
RT: 4.564 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD077947.D
Acq: 18 Dec 2023 15:11

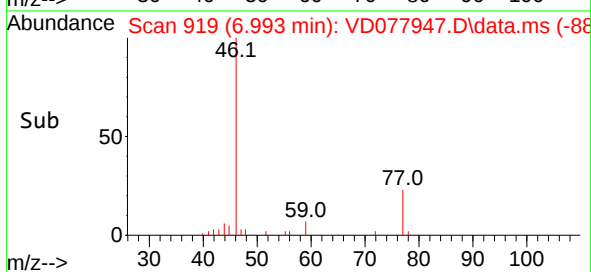
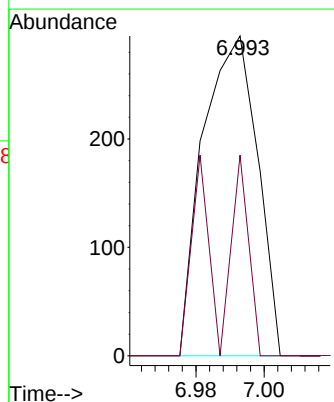
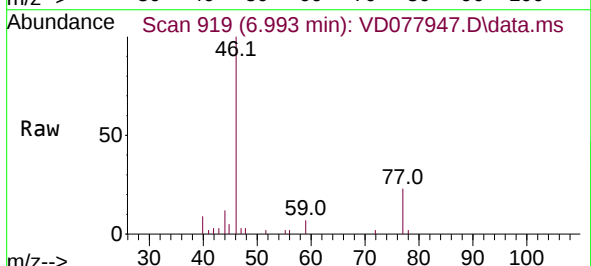
Instrument :
MSVOA_D
ClientSampleId :

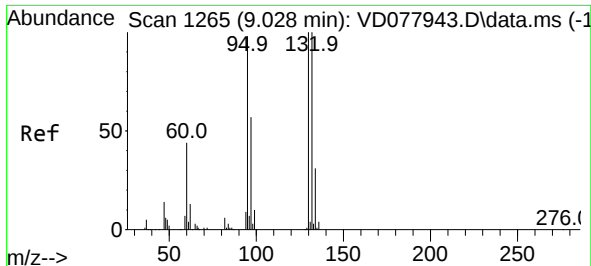
Tgt Ion: 43 Resp: 436
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



#22
2-Butanone
Concen: 1.193 ug/L
RT: 6.993 min Scan# 919
Delta R.T. -0.094 min
Lab File: VD077947.D
Acq: 18 Dec 2023 15:11

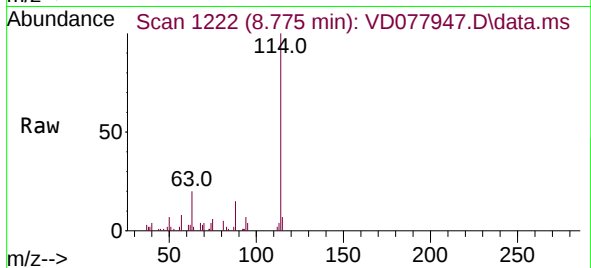
Tgt Ion: 43 Resp: 327
Ion Ratio Lower Upper
43 100
72 19.9 7.2 21.6



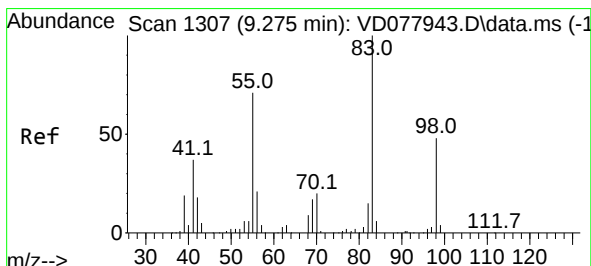
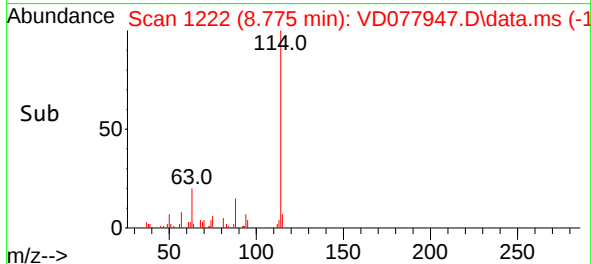
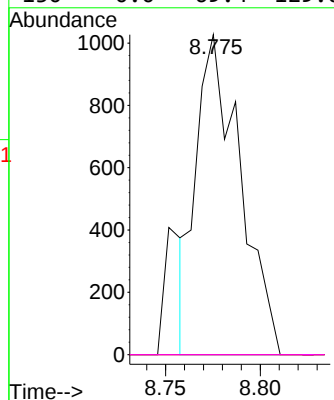


#34
Trichloroethene
Concen: 1.640 ug/L
RT: 8.775 min Scan# 11
Delta R.T. -0.253 min
Lab File: VD077947.D
Acq: 18 Dec 2023 15:11

Instrument :
MSVOA_D
ClientSampleId :

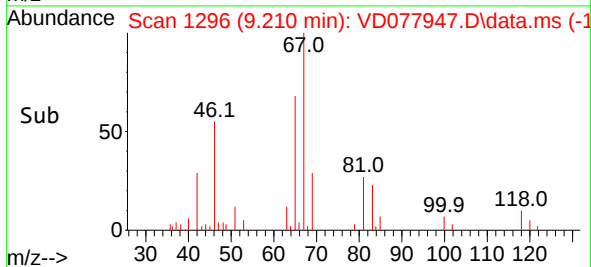
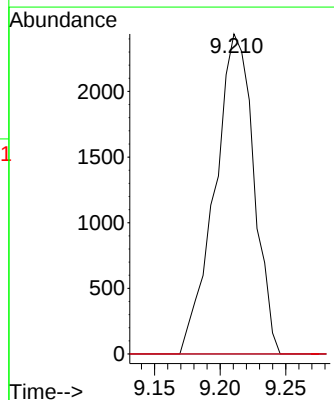
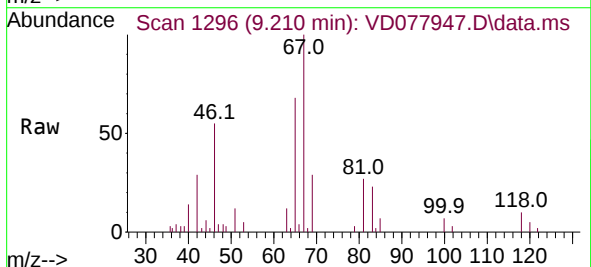


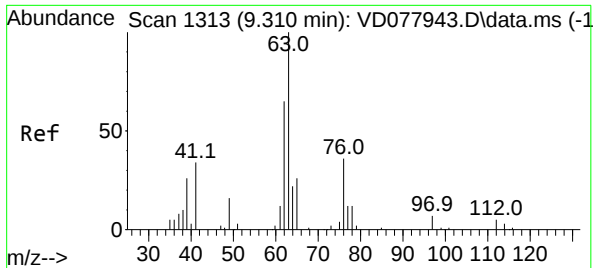
Tgt Ion:	95	Resp:	1640
Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.2	82.0#
132	0.0	67.5	125.3#
130	0.0	69.4	129.0#



#35
Methylcyclohexane
Concen: 2.847 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.064 min
Lab File: VD077947.D
Acq: 18 Dec 2023 15:11

Tgt Ion:	83	Resp:	5053
Ion	Ratio	Lower	Upper
83	100		
55	1.4	59.8	89.6#
98	0.0	38.5	57.7#

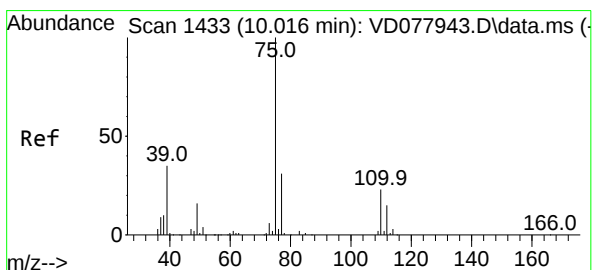
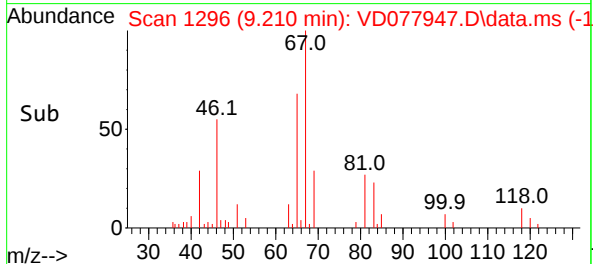
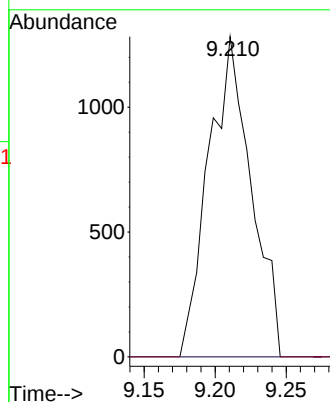
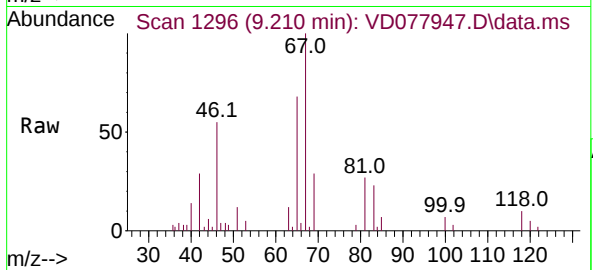




#37
1,2-Dichloropropane
Concen: 2.550 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.100 min
Lab File: VD077947.D
Acq: 18 Dec 2023 15:11

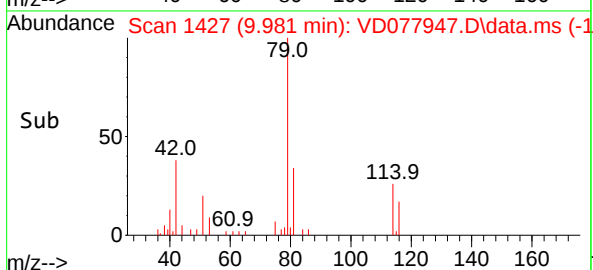
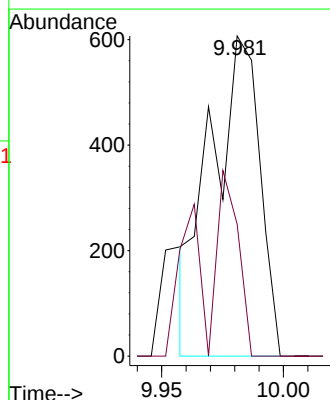
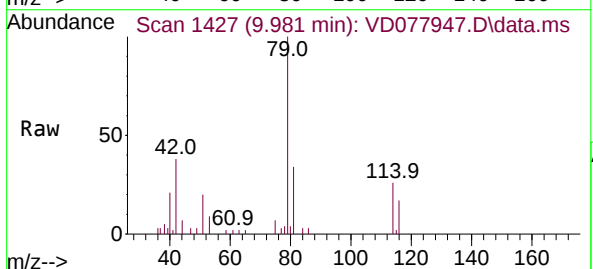
Instrument :
MSVOA_D
ClientSampleId :

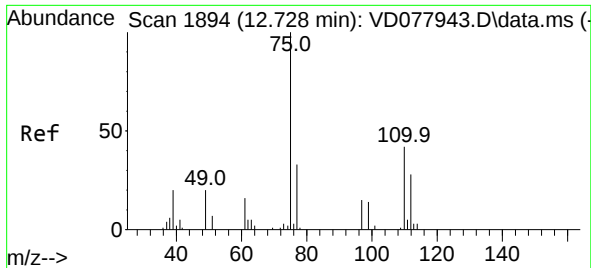
Tgt Ion: 63 Resp: 2678
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.516 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD077947.D
Acq: 18 Dec 2023 15:11

Tgt Ion: 75 Resp: 847
Ion Ratio Lower Upper
75 100
77 41.2 21.2 39.4#

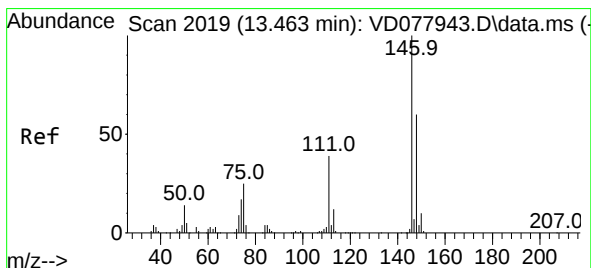
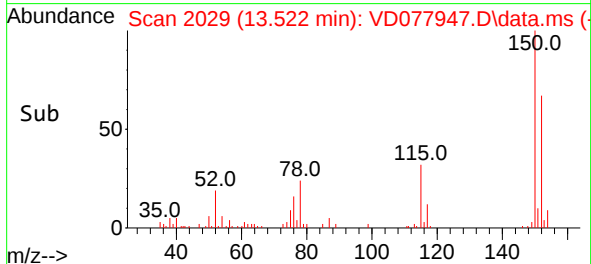
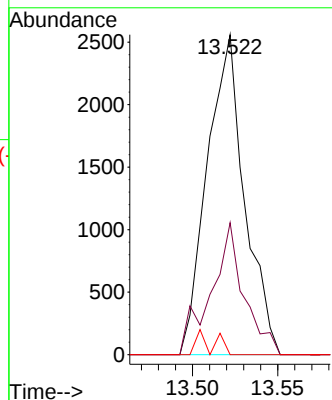
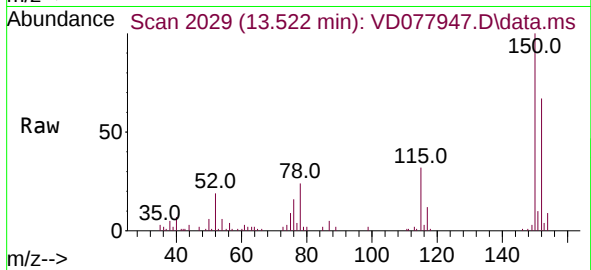




#61
1,2,3-Trichloropropane
Concen: 7.491 ug/L
RT: 13.522 min Scan# 2031
Delta R.T. 0.794 min
Lab File: VD077947.D
Acq: 18 Dec 2023 15:11

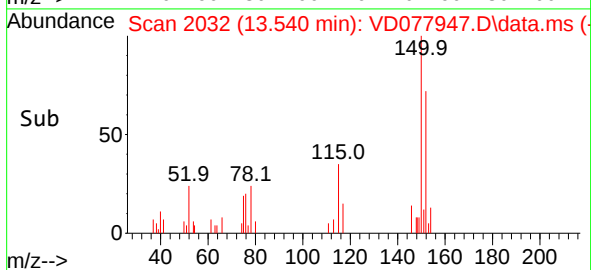
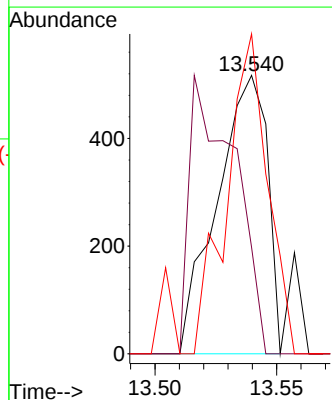
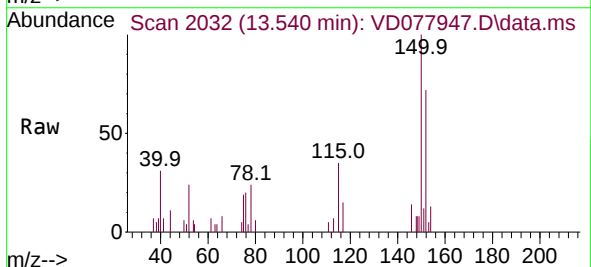
Instrument :
MSVOA_D
ClientSampleId :

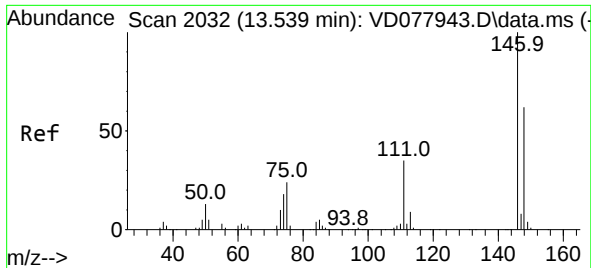
Tgt Ion: 75 Resp: 3906
Ion Ratio Lower Upper
75 100
77 36.5 26.8 40.2
110 1.8 33.4 50.2#



#64
1,3-Dichlorobenzene
Concen: 0.407 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.077 min
Lab File: VD077947.D
Acq: 18 Dec 2023 15:11

Tgt Ion: 146 Resp: 744
Ion Ratio Lower Upper
146 100
111 38.3 26.6 49.4
148 114.9 44.0 81.6#

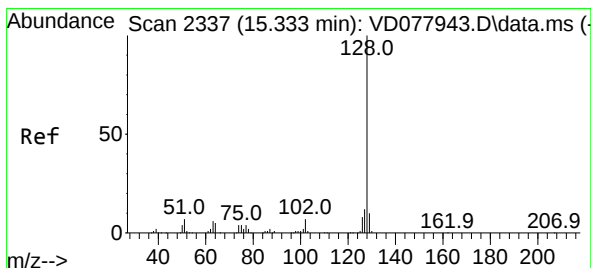
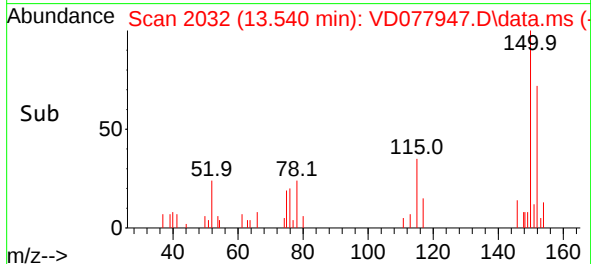
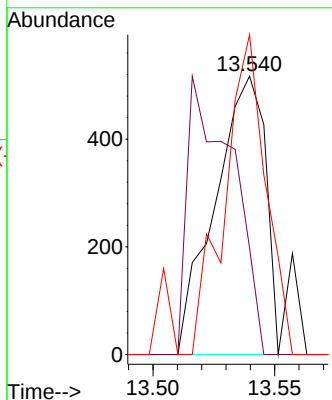
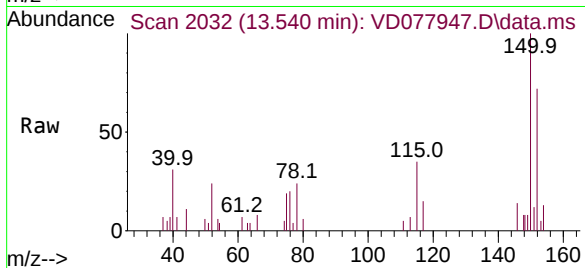




#65
1,4-Dichlorobenzene
Concen: 0.392 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077947.D
Acq: 18 Dec 2023 15:11

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:146 Resp: 744
Ion Ratio Lower Upper
146 100
111 38.3 26.4 49.0
148 114.9 44.0 81.8#



#71
Naphthalene
Concen: 0.440 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077947.D
Acq: 18 Dec 2023 15:11

Tgt Ion:128 Resp: 851
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

