

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121823\
 Data File : VD077950.D
 Acq On : 18 Dec 2023 16:32
 Operator : RP/MD
 Sample : 05808-11
 Misc : 5.23G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 18 23:18:29 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)

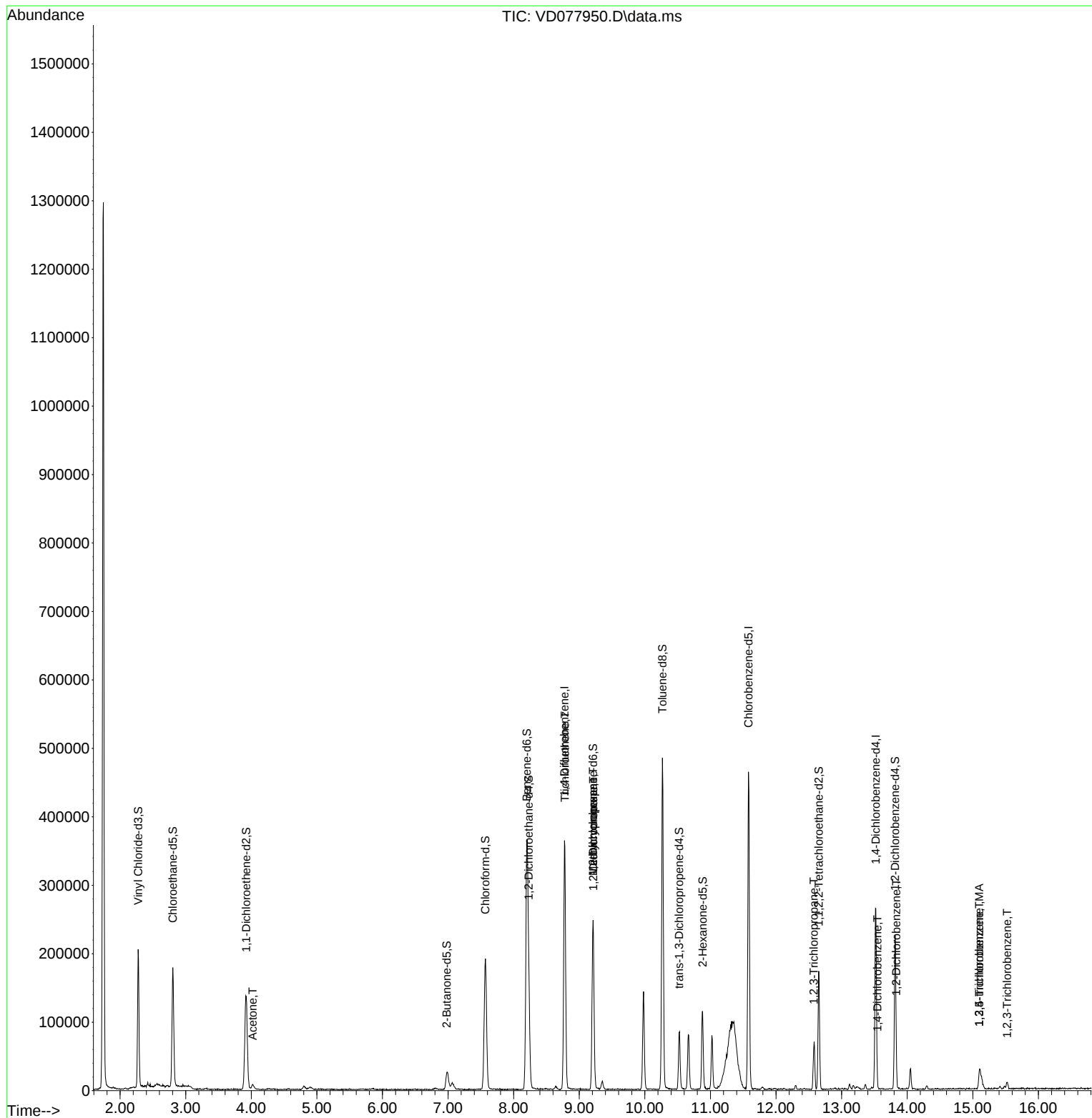
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	327959	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	274319	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	74007	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	191004	21.357	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.440%
7) Chloroethane-d5	2.805	69	180612	25.336	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.360%
11) 1,1-Dichloroethene-d2	3.922	65	39110	16.865	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.480%
21) 2-Butanone-d5	6.981	46	44601	39.458	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.920%
24) Chloroform-d	7.569	84	203960	23.075	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.280%
26) 1,2-Dichloroethane-d4	8.228	65	101542	22.673	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.680%
32) Benzene-d6	8.199	84	405895	24.568	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.280%
36) 1,2-Dichloropropane-d6	9.210	67	125969	24.989	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.960%
41) Toluene-d8	10.269	98	335941	22.091	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.360%
43) trans-1,3-Dichloroprop...	10.522	79	49062	22.009	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.040%
47) 2-Hexanone-d5	10.881	63	42038	48.395	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.800%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	84694	23.250	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	13.816	152	60743	22.943	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.760%
Target Compounds						Qvalue
13) Acetone	4.022	43	10803	7.459	ug/L	62
34) Trichloroethene	8.781	95	9378	2.116	ug/L #	5
35) Methylcyclohexane	9.210	83	29669	3.771	ug/L #	19
37) 1,2-Dichloropropane	9.216	63	13213	2.838	ug/L #	90
61) 1,2,3-Trichloropropane	12.575	75	506	0.372	ug/L #	73
65) 1,4-Dichlorobenzene	13.545	146	2051	0.414	ug/L	88
67) 1,2-Dichlorobenzene	13.834	146	2980	0.693	ug/L	89
69) 1,3,5-Trichlorobenzene	15.098	180	6951	2.137	ug/L #	74
70) 1,2,4-trichlorobenzene	15.098	180	6951	2.517	ug/L #	68
72) 1,2,3-Trichlorobenzene	15.522	180	3119	1.288	ug/L #	90

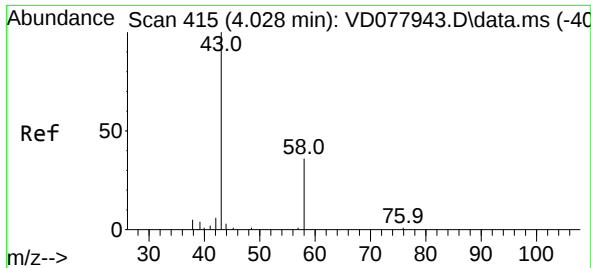
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Mon Dec 18 23:16:23 2023
Response via : Initial Calibration





#13

Acetone

Concen: 7.459 ug/L

RT: 4.022 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD077950.D

Acq: 18 Dec 2023 16:32

Instrument :

MSVOA_D

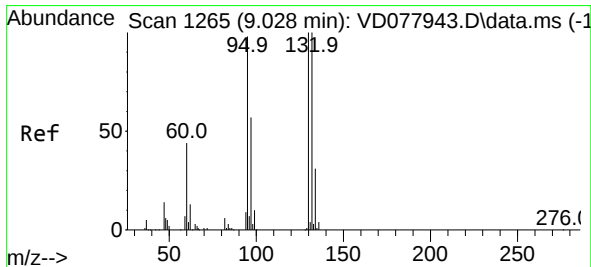
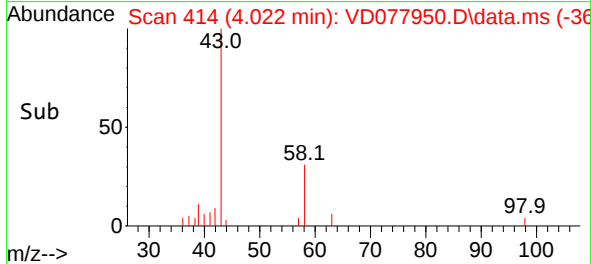
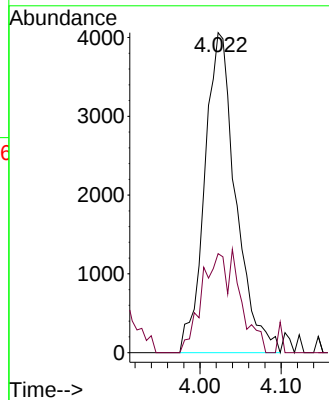
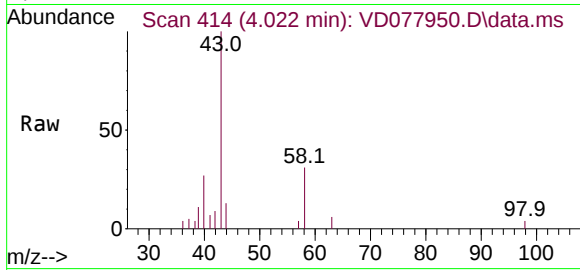
ClientSampleId :

Tgt Ion: 43 Resp: 10803

Ion Ratio Lower Upper

43 100

58 11.8 0.0 67.2



#34

Trichloroethene

Concen: 2.116 ug/L

RT: 8.781 min Scan# 1223

Delta R.T. -0.247 min

Lab File: VD077950.D

Acq: 18 Dec 2023 16:32

Tgt Ion: 95 Resp: 9378

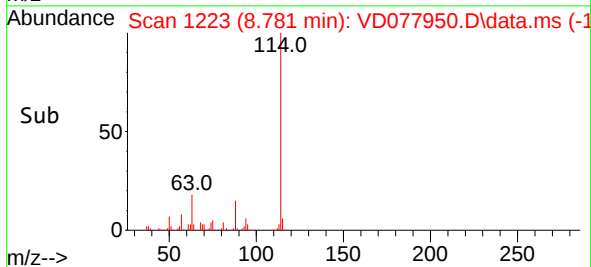
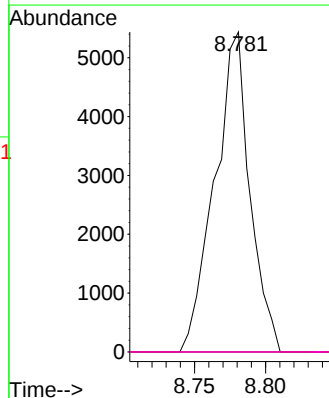
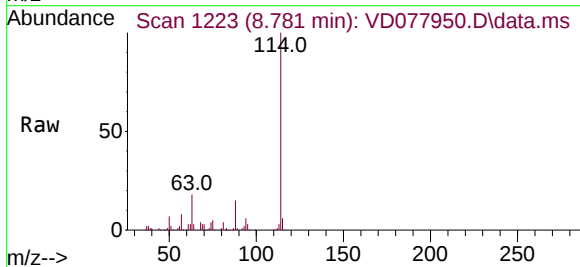
Ion Ratio Lower Upper

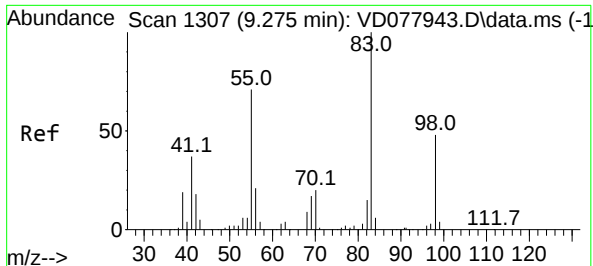
95 100

97 0.0 44.2 82.0#

132 0.0 67.5 125.3#

130 0.0 69.4 129.0#

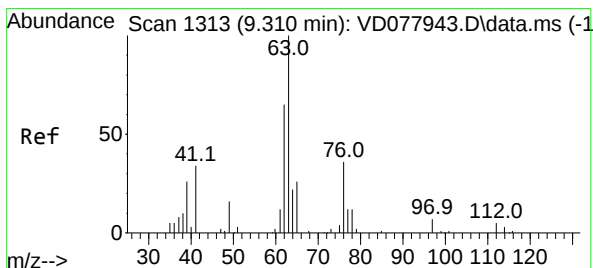
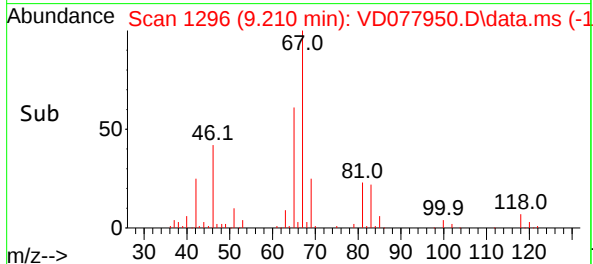
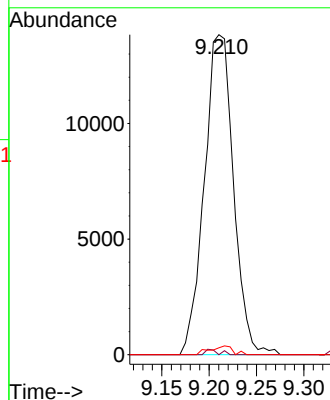
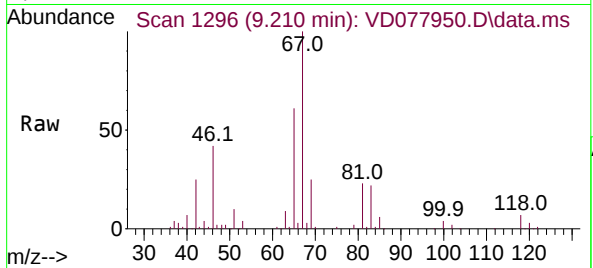




#35
Methylcyclohexane
Concen: 3.771 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD077950.D
Acq: 18 Dec 2023 16:32

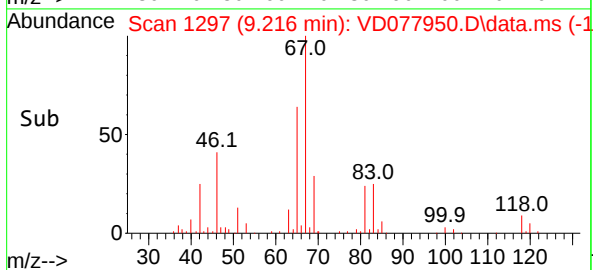
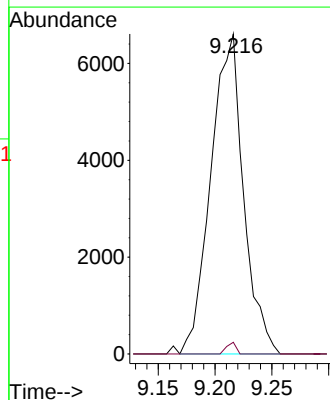
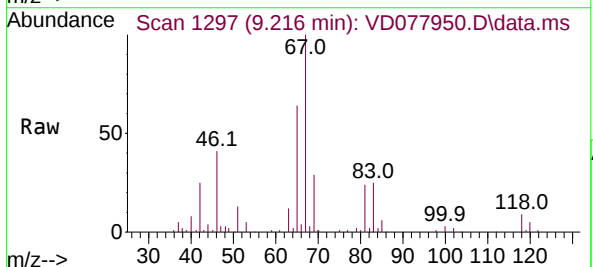
Instrument :
MSVOA_D
ClientSampleId :

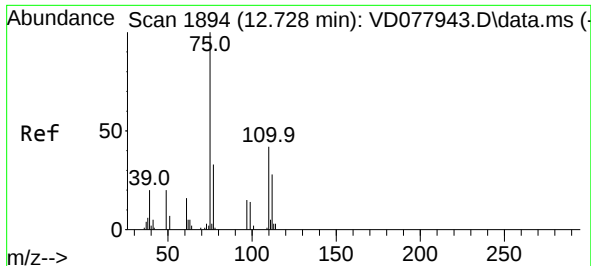
Tgt Ion: 83 Resp: 29669
Ion Ratio Lower Upper
83 100
55 0.0 59.8 89.6#
98 1.4 38.5 57.7#



#37
1,2-Dichloropropane
Concen: 2.838 ug/L
RT: 9.216 min Scan# 1297
Delta R.T. -0.094 min
Lab File: VD077950.D
Acq: 18 Dec 2023 16:32

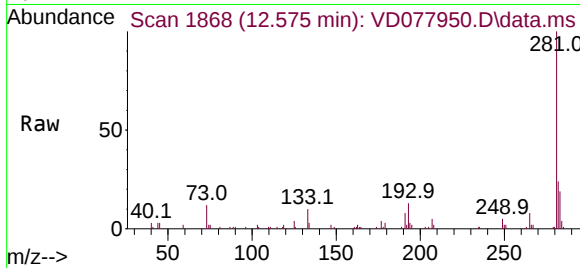
Tgt Ion: 63 Resp: 13213
Ion Ratio Lower Upper
63 100
112 1.1 3.5 5.3#



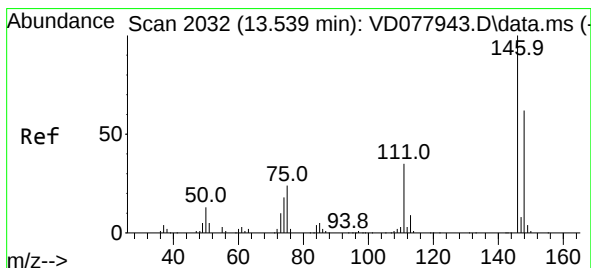
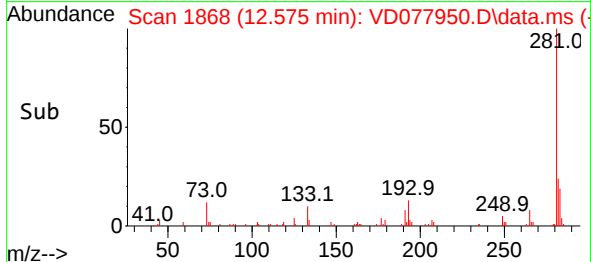
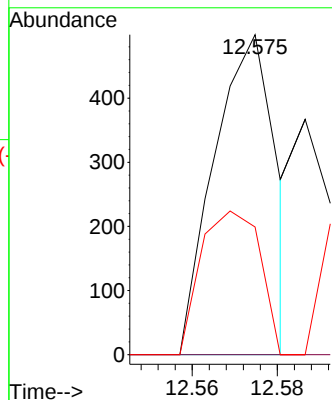


#61
1,2,3-Trichloropropane
Concen: 0.372 ug/L
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD077950.D
Acq: 18 Dec 2023 16:32

Instrument :
MSVOA_D
ClientSampleId :

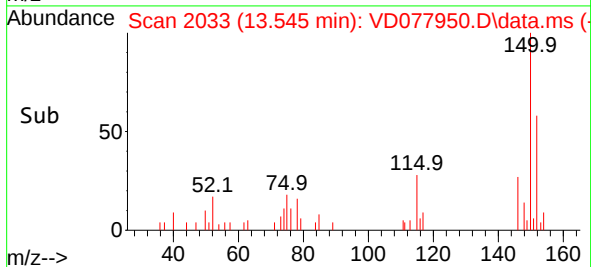
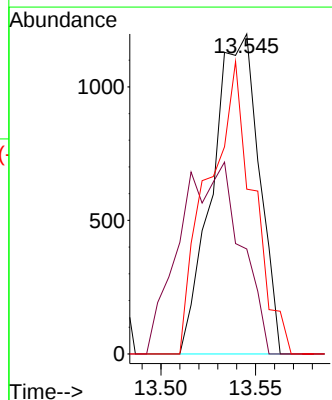
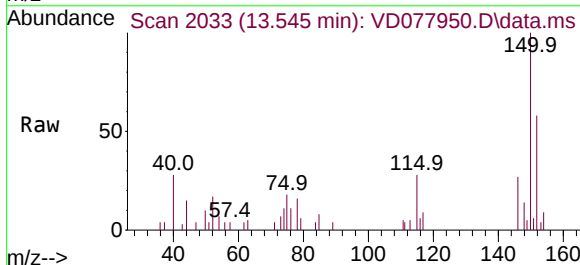


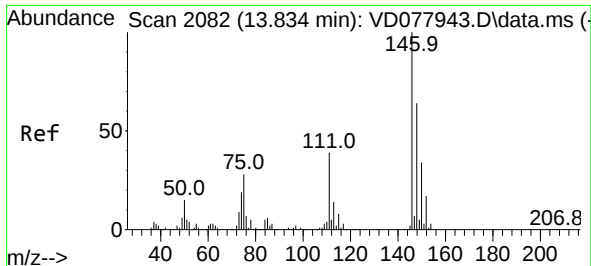
Tgt Ion: 75 Resp: 506
Ion Ratio Lower Upper
75 100
77 0.0 26.8 40.2#
110 42.7 33.4 50.2



#65
1,4-Dichlorobenzene
Concen: 0.414 ug/L
RT: 13.545 min Scan# 2033
Delta R.T. 0.006 min
Lab File: VD077950.D
Acq: 18 Dec 2023 16:32

Tgt Ion: 146 Resp: 2051
Ion Ratio Lower Upper
146 100
111 32.8 26.4 49.0
148 51.5 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 0.693 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

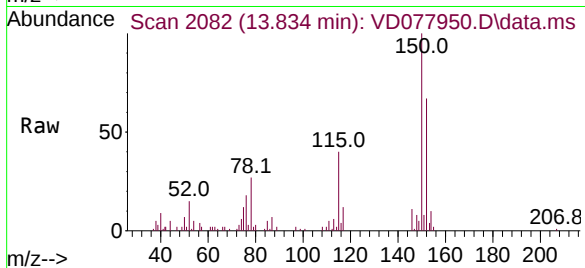
Lab File: VD077950.D

Acq: 18 Dec 2023 16:32

Instrument :

MSVOA_D

ClientSampleId :



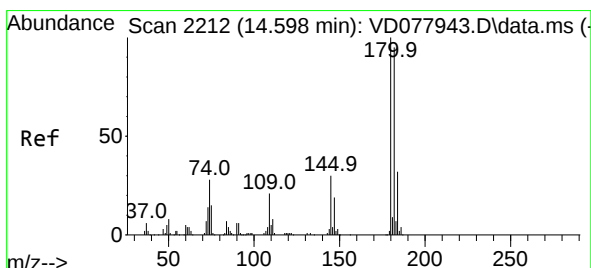
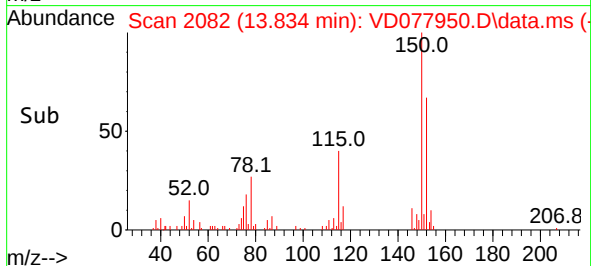
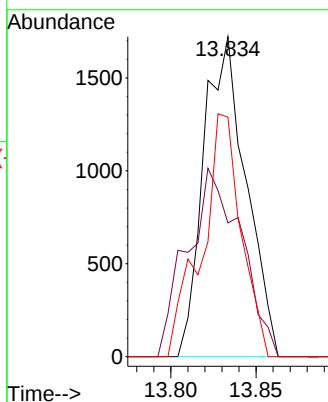
Tgt Ion:146 Resp: 2980

Ion Ratio Lower Upper

146 100

111 41.8 31.4 47.2

148 74.9 50.2 75.2



#69

1,3,5-Trichlorobenzene

Concen: 2.137 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.500 min

Lab File: VD077950.D

Acq: 18 Dec 2023 16:32

Tgt Ion:180 Resp: 6951

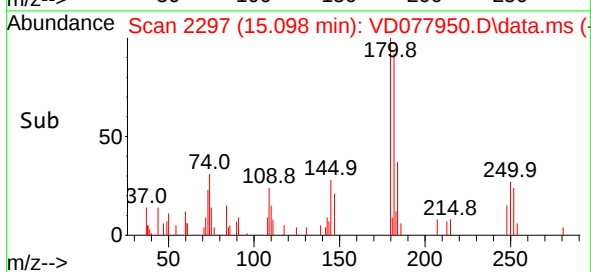
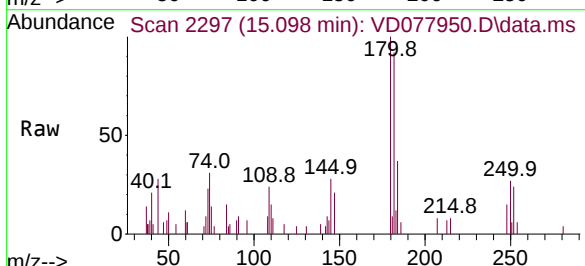
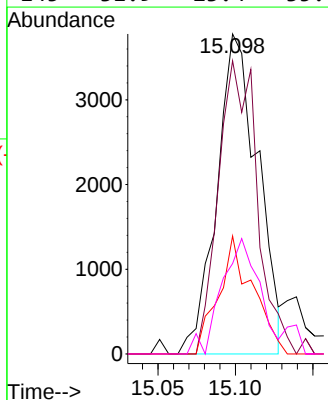
Ion Ratio Lower Upper

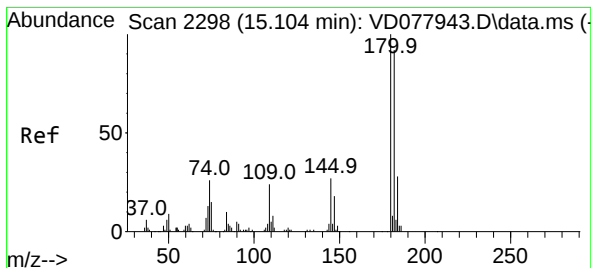
180 100

182 56.0 77.0 115.4#

184 30.7 24.3 36.5

145 31.9 23.4 35.0





#70

1,2,4-trichlorobenzene

Concen: 2.517 ug/L

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD077950.D

Acq: 18 Dec 2023 16:32

Instrument :

MSVOA_D

ClientSampleId :

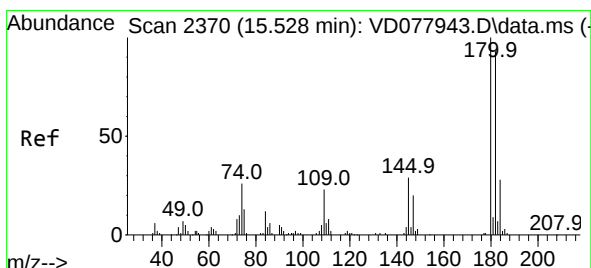
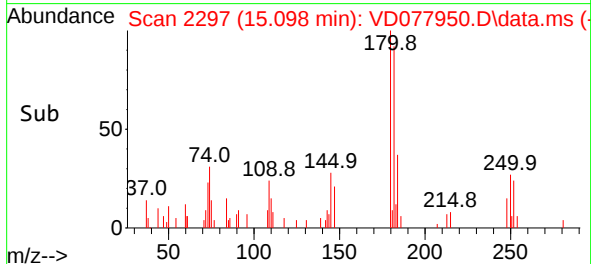
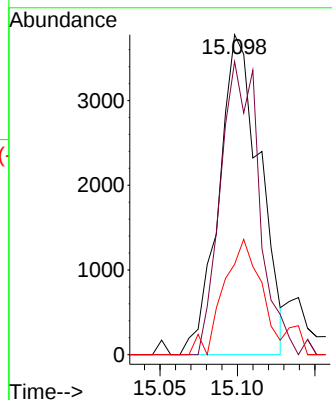
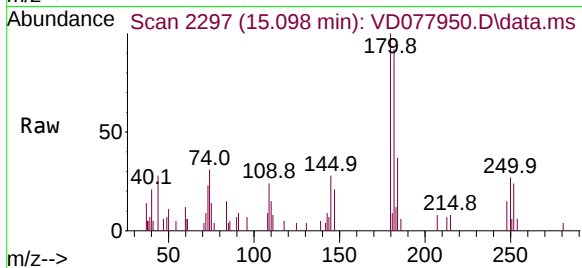
Tgt Ion:180 Resp: 6951

Ion Ratio Lower Upper

180 100

182 56.0 77.0 115.6#

145 31.9 23.9 35.9



#72

1,2,3-Trichlorobenzene

Concen: 1.288 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. -0.006 min

Lab File: VD077950.D

Acq: 18 Dec 2023 16:32

Tgt Ion:180 Resp: 3119

Ion Ratio Lower Upper

180 100

182 99.7 77.3 115.9

145 15.5 25.2 37.8#

