

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120423\
 Data File : VD077740.D
 Acq On : 04 Dec 2023 13:13
 Operator : JC/SY
 Sample : 04929-17
 Misc : 5.02G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 05 00:06:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 05 00:04:05 2023
 Response via : Initial Calibration

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

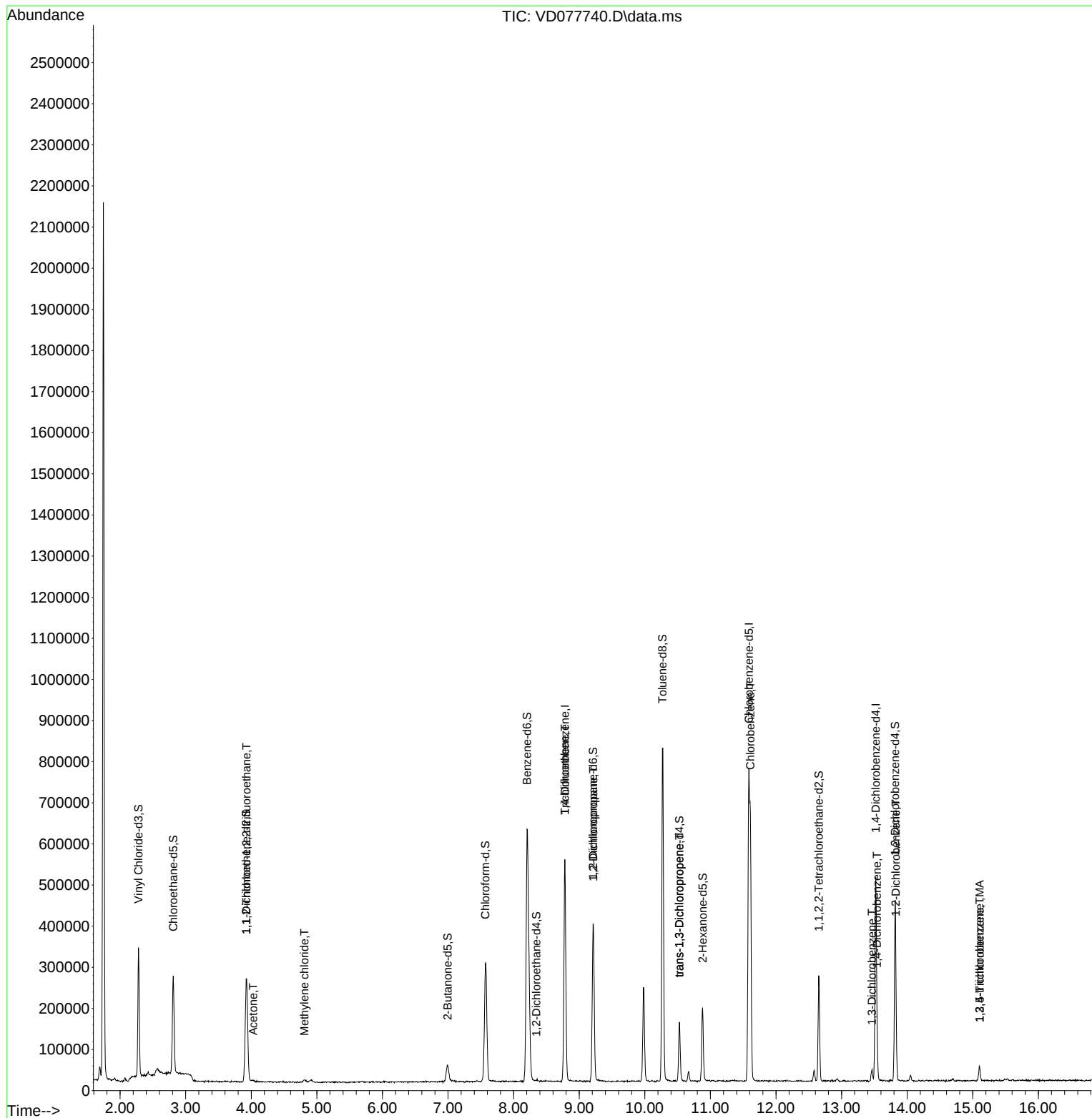
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	467787	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	397565	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	129587	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	290659	22.785	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.120%
7) Chloroethane-d5	2.811	69	243285	23.926	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.720%
11) 1,1-Dichloroethene-d2	3.922	65	72822	22.016	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.080%
21) 2-Butanone-d5	6.993	46	70972	44.020	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.040%
24) Chloroform-d	7.569	84	306033	24.274	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.080%
26) 1,2-Dichloroethane-d4	8.346	65	87	0.014	ug/L	0.11
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.040%#
32) Benzene-d6	8.205	84	654808	27.347	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.400%
36) 1,2-Dichloropropane-d6	9.210	67	195431	26.751	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.000%
41) Toluene-d8	10.269	98	571027	25.910	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.640%
43) trans-1,3-Dichloroprop...	10.528	79	80138	24.806	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.240%
47) 2-Hexanone-d5	10.881	63	66115	52.518	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.040%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	126111	23.888	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.560%
66) 1,2-Dichlorobenzene-d4	13.816	152	116010	25.024	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.080%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	3.928	101	2084	0.310	ug/L #	21
13) Acetone	4.028	43	3671	1.777	ug/L	76
16) Methylene chloride	4.811	84	4229	0.509	ug/L #	65
34) Trichloroethene	8.781	95	13751	2.141	ug/L #	5
37) 1,2-Dichloropropane	9.216	63	21216	3.145	ug/L #	87
44) trans-1,3-Dichloropropene	10.528	75	3707	0.421	ug/L #	83
51) Chlorobenzene	11.610	112	337654	19.812	ug/L	97
64) 1,3-Dichlorobenzene	13.463	146	11670	1.395	ug/L	82
65) 1,4-Dichlorobenzene	13.540	146	31518	3.631	ug/L	94
67) 1,2-Dichlorobenzene	13.828	146	9292	1.234	ug/L #	85
69) 1,3,5-Trichlorobenzene	15.104	180	11310	1.986	ug/L	97
70) 1,2,4-trichlorobenzene	15.104	180	11310	2.339	ug/L	97

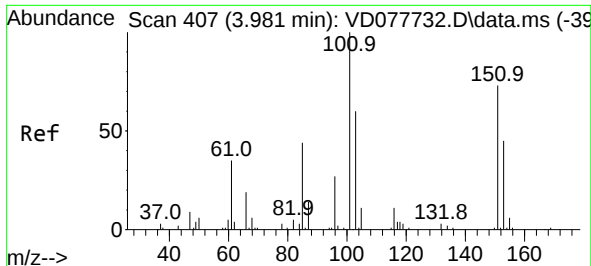
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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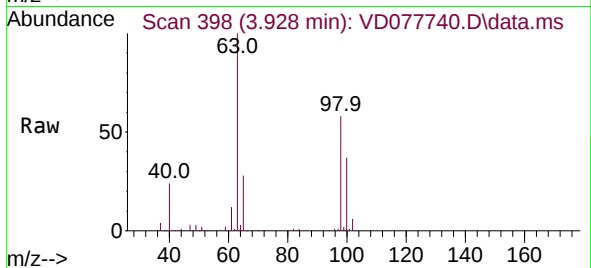
Quant Time: Dec 05 00:06:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Dec 05 00:04:05 2023
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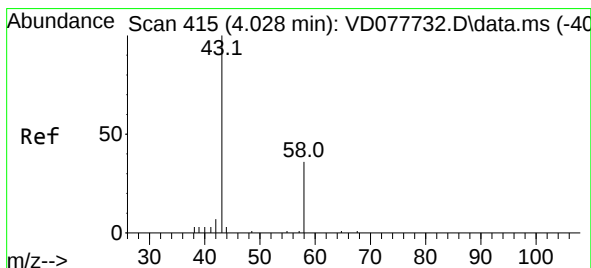
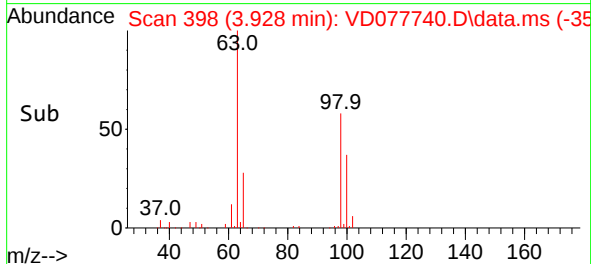
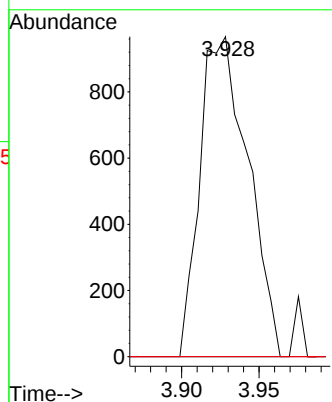


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.310 ug/L
 RT: 3.928 min Scan# 398
 Delta R.T. -0.053 min
 Lab File: VD077740.D
 Acq: 04 Dec 2023 13:13

Instrument :
 MSVOA_D
 ClientSampleId :

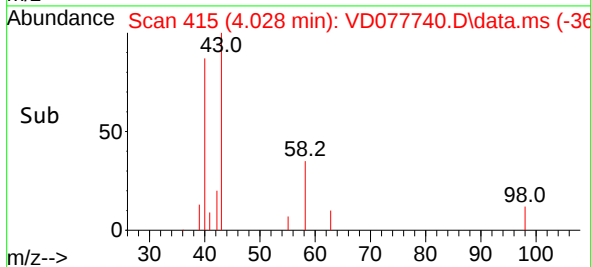
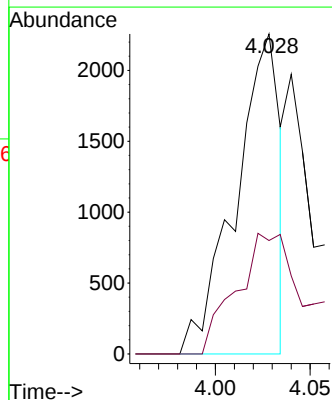
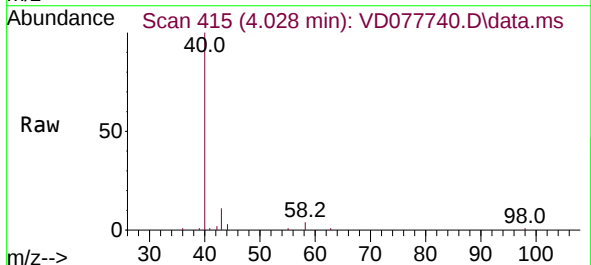


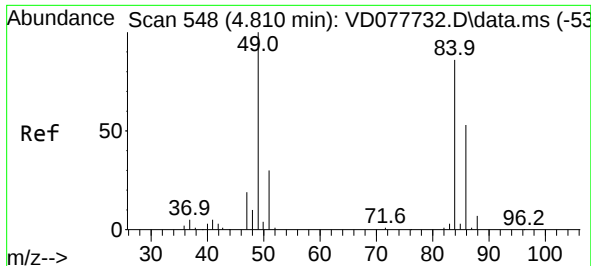
Tgt Ion:101 Resp: 2084
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.8 53.6#
 151 0.0 57.0 85.6#



#13
 Acetone
 Concen: 1.777 ug/L
 RT: 4.028 min Scan# 415
 Delta R.T. 0.000 min
 Lab File: VD077740.D
 Acq: 04 Dec 2023 13:13

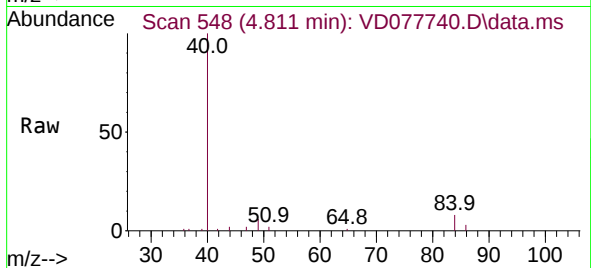
Tgt Ion: 43 Resp: 3671
 Ion Ratio Lower Upper
 43 100
 58 47.5 0.0 67.2



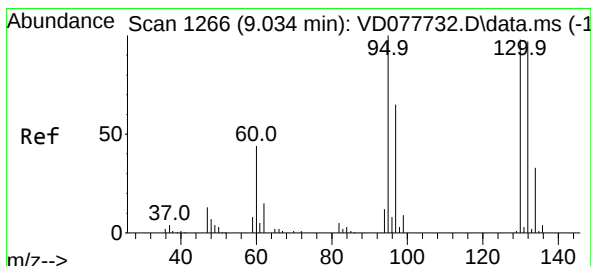
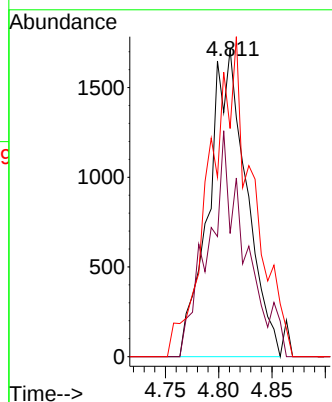
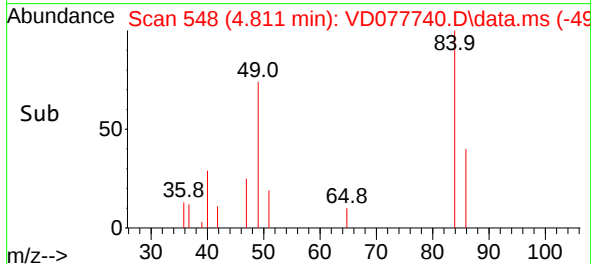


#16
Methylene chloride
Concen: 0.509 ug/L
RT: 4.811 min Scan# 54
Delta R.T. 0.000 min
Lab File: VD077740.D
Acq: 04 Dec 2023 13:13

Instrument :
MSVOA_D
ClientSampleId :

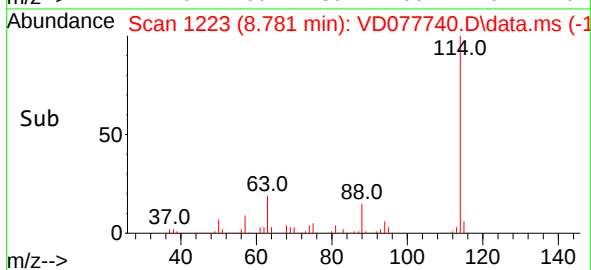
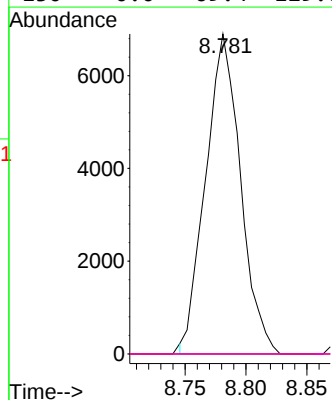
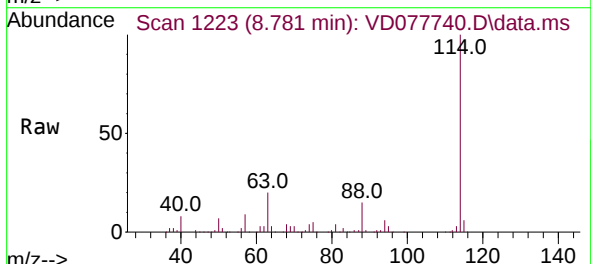


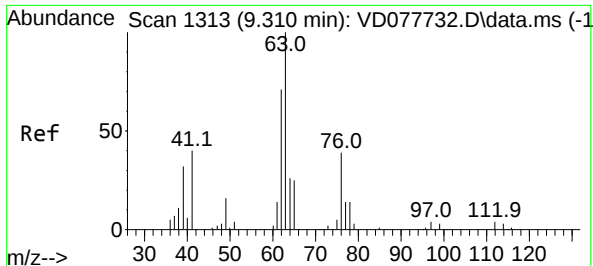
Tgt Ion: 84 Resp: 4229
Ion Ratio Lower Upper
84 100
86 40.1 40.1 74.5#
49 74.2 83.2 154.6#



#34
Trichloroethene
Concen: 2.141 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.253 min
Lab File: VD077740.D
Acq: 04 Dec 2023 13:13

Tgt Ion: 95 Resp: 13751
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#





#37

1,2-Dichloropropane

Concen: 3.145 ug/L

RT: 9.216 min Scan# 11

Delta R.T. -0.094 min

Lab File: VD077740.D

Acq: 04 Dec 2023 13:13

Instrument :

MSVOA_D

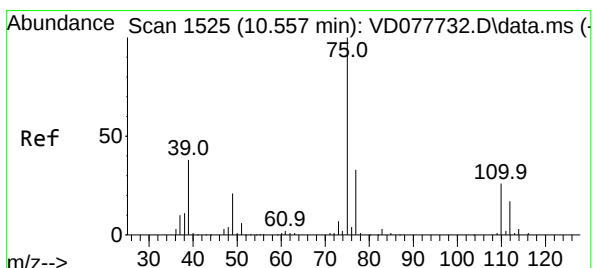
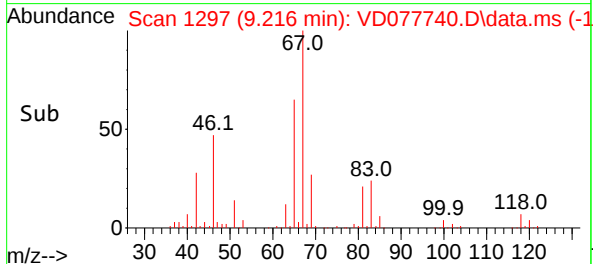
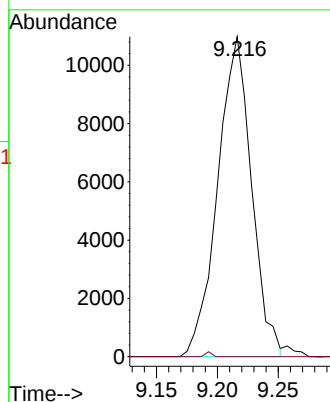
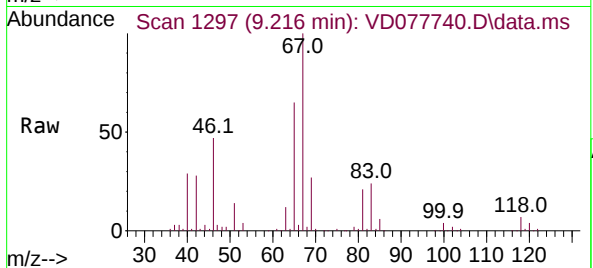
ClientSampleId :

Tgt Ion: 63 Resp: 21216

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#44

trans-1,3-Dichloropropene

Concen: 0.421 ug/L

RT: 10.528 min Scan# 1520

Delta R.T. -0.029 min

Lab File: VD077740.D

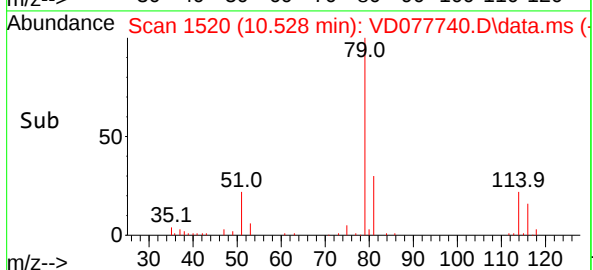
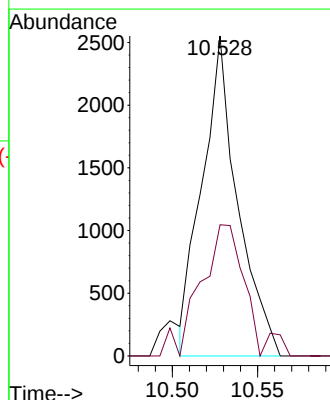
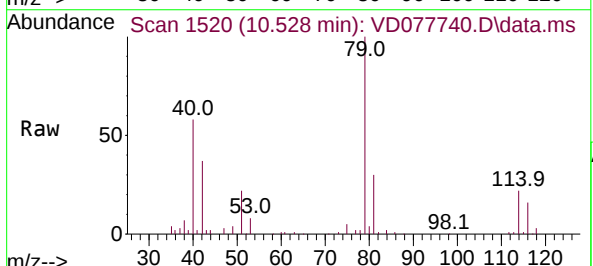
Acq: 04 Dec 2023 13:13

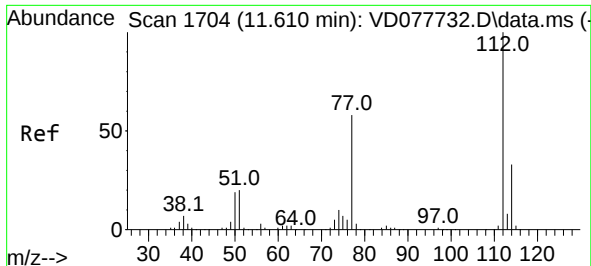
Tgt Ion: 75 Resp: 3707

Ion Ratio Lower Upper

75 100

77 41.0 22.0 40.8#

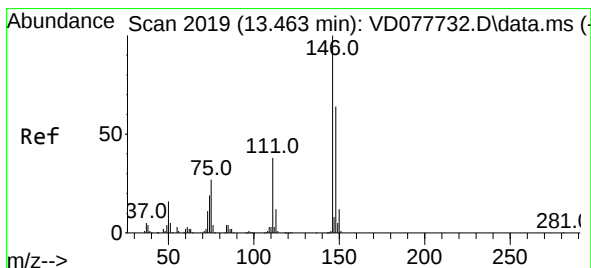
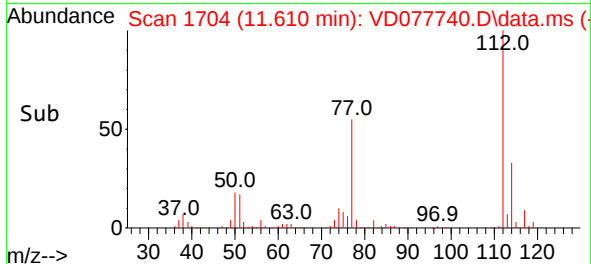
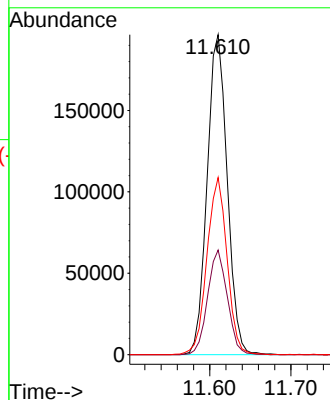
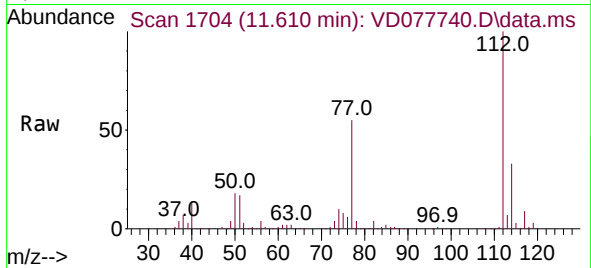




#51
Chlorobenzene
Concen: 19.812 ug/L
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077740.D
Acq: 04 Dec 2023 13:13

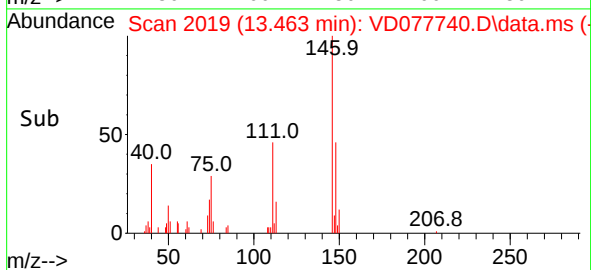
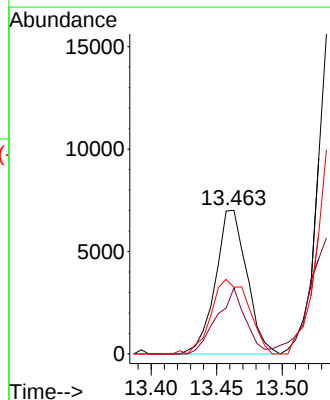
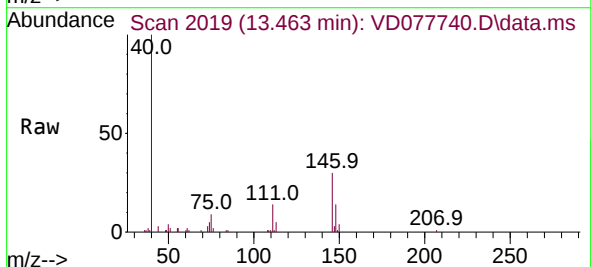
Instrument :
MSVOA_D
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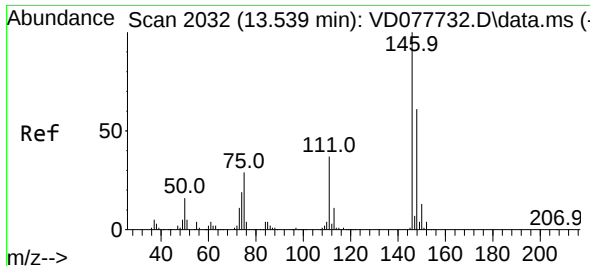
Tgt Ion:112 Resp: 337654
Ion Ratio Lower Upper
112 100
114 32.7 22.5 41.9
77 55.3 46.4 69.6



#64
1,3-Dichlorobenzene
Concen: 1.395 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD077740.D
Acq: 04 Dec 2023 13:13

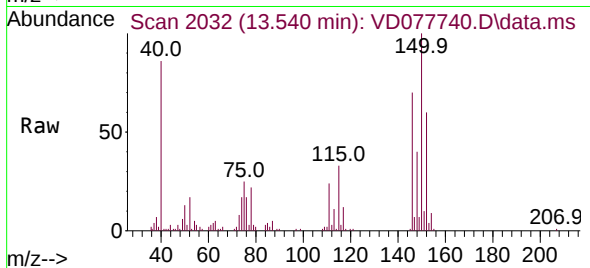
Tgt Ion:146 Resp: 11670
Ion Ratio Lower Upper
146 100
111 45.9 26.6 49.4
148 46.5 44.0 81.6



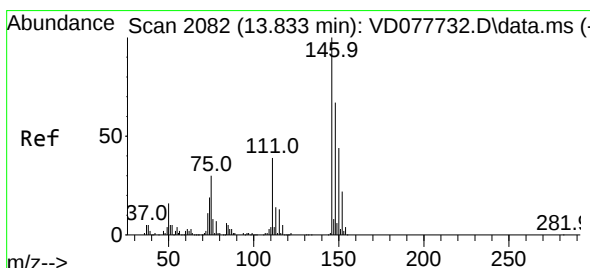
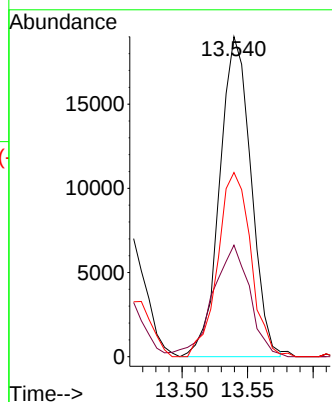
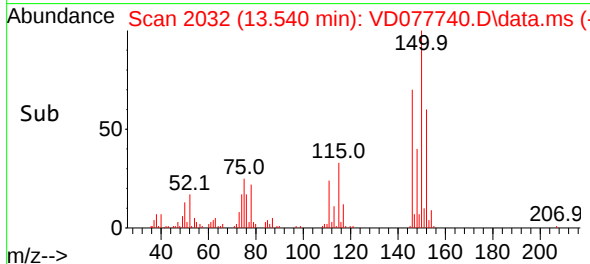


#65
1,4-Dichlorobenzene
Concen: 3.631 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077740.D
Acq: 04 Dec 2023 13:13

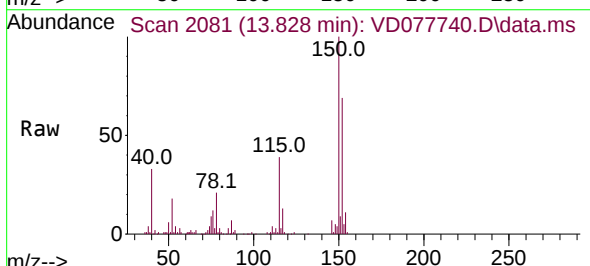
Instrument :
MSVOA_D
ClientSampleId :



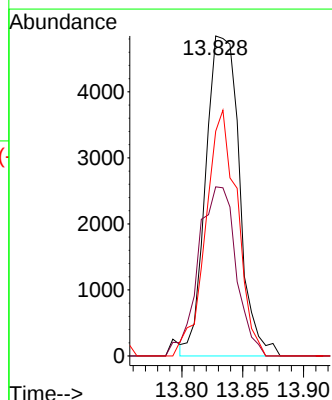
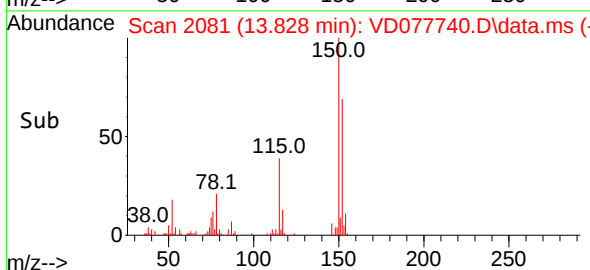
Tgt Ion:146 Resp: 31518
Ion Ratio Lower Upper
146 100
111 34.9 26.4 49.0
148 57.5 44.0 81.8

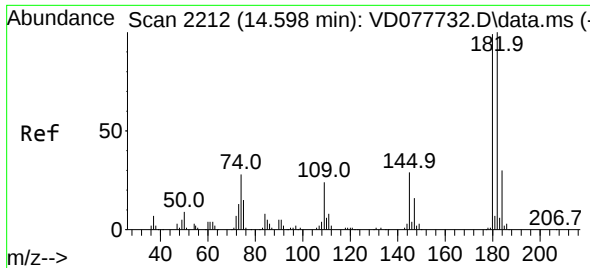


#67
1,2-Dichlorobenzene
Concen: 1.234 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD077740.D
Acq: 04 Dec 2023 13:13



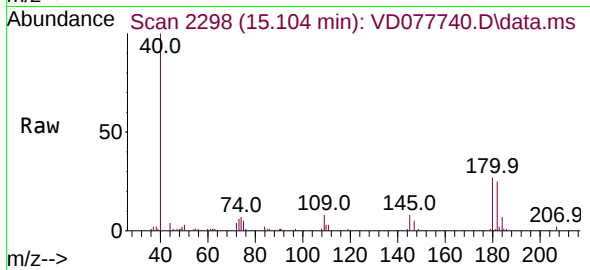
Tgt Ion:146 Resp: 9292
Ion Ratio Lower Upper
146 100
111 52.9 31.4 47.2#
148 70.3 50.2 75.2



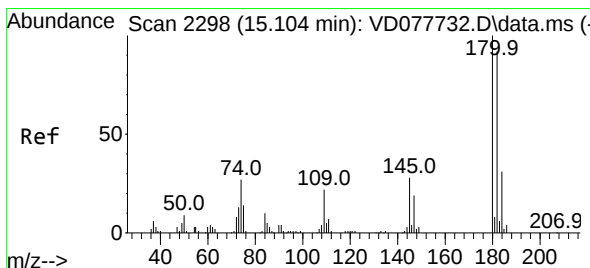
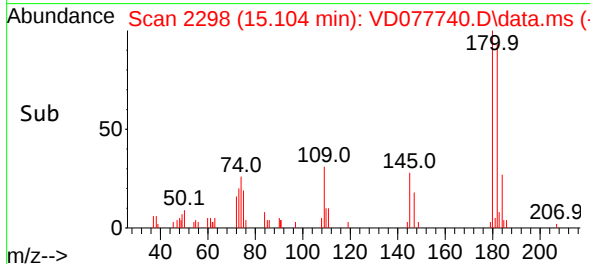
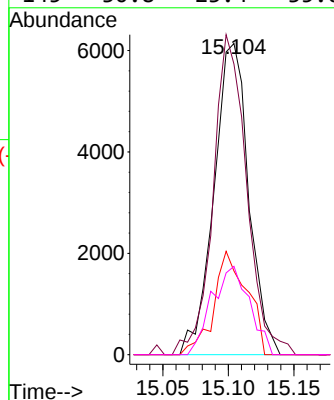


#69
 1,3,5-Trichlorobenzene
 Concen: 1.986 ug/L
 RT: 15.104 min Scan# 21
 Delta R.T. 0.506 min
 Lab File: VD077740.D
 Acq: 04 Dec 2023 13:13

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:180 Resp: 11310
 Ion Ratio Lower Upper
 180 100
 182 99.1 77.0 115.4
 184 31.8 24.3 36.5
 145 30.8 23.4 35.0



#70
 1,2,4-trichlorobenzene
 Concen: 2.339 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. 0.000 min
 Lab File: VD077740.D
 Acq: 04 Dec 2023 13:13

Tgt Ion:180 Resp: 11310
 Ion Ratio Lower Upper
 180 100
 182 99.1 77.0 115.6
 145 30.8 23.9 35.9

