

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD113023\
 Data File : VD077712.D
 Acq On : 30 Nov 2023 17:49
 Operator : JC/SY
 Sample : 04929-07
 Misc : 3.60G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 30 23:02:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 30 23:00:23 2023
 Response via : Initial Calibration

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

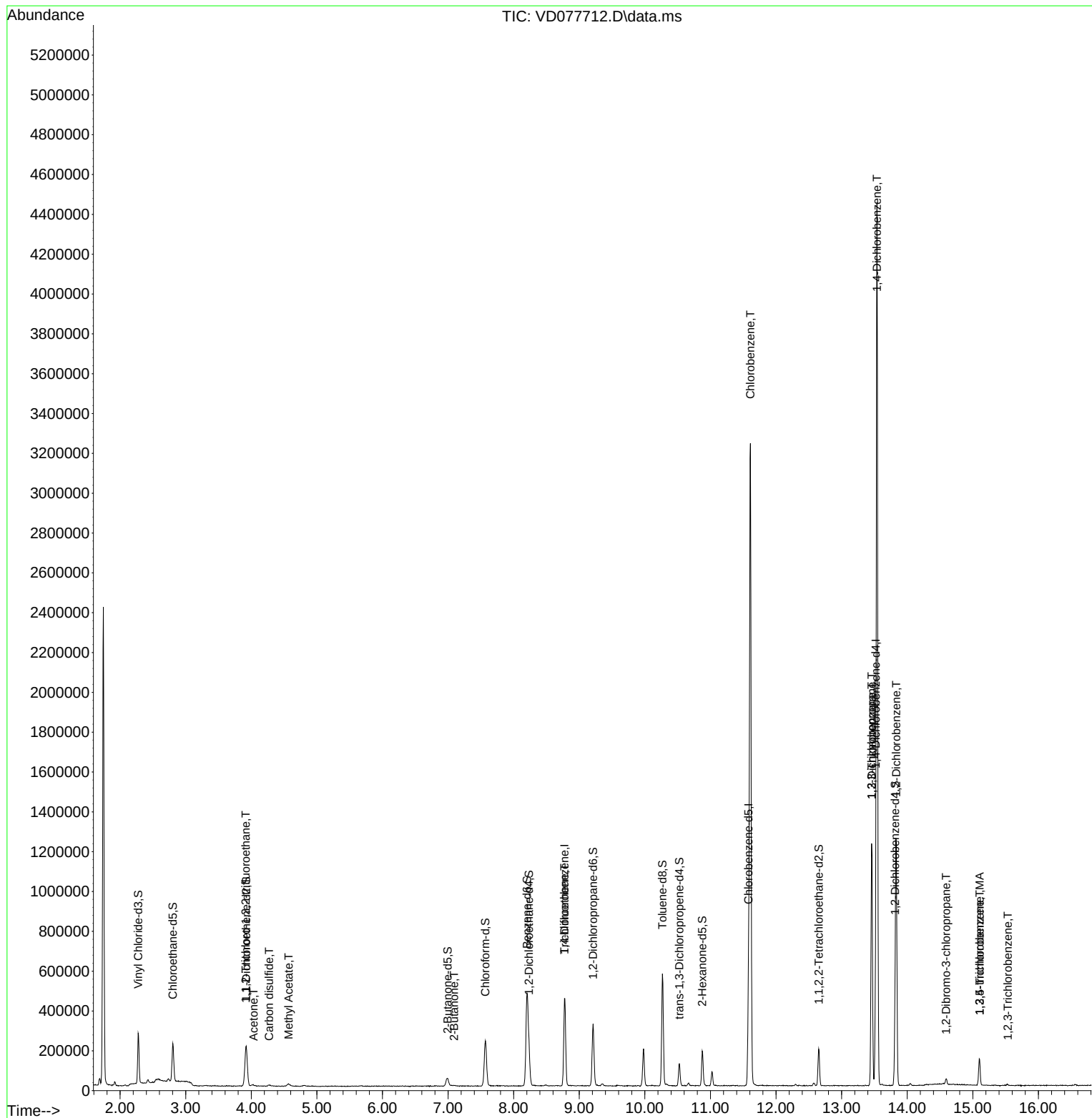
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	390340	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	309947	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	99482	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	235846	22.156	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.640%
7) Chloroethane-d5	2.805	69	200440	23.624	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.480%
11) 1,1-Dichloroethene-d2	3.922	65	58905	21.342	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.360%
21) 2-Butanone-d5	6.993	46	70938	52.729	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.460%
24) Chloroform-d	7.569	84	235589	22.394	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.560%
26) 1,2-Dichloroethane-d4	8.234	65	135538	25.428	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.720%
32) Benzene-d6	8.204	84	490358	26.269	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.080%
36) 1,2-Dichloropropane-d6	9.210	67	154398	27.108	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.440%
41) Toluene-d8	10.269	98	387546	22.555	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.240%
43) trans-1,3-Dichloroprop...	10.528	79	64817	25.735	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.920%
47) 2-Hexanone-d5	10.875	63	61663	62.828	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.660%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	96592	23.469	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.880%
66) 1,2-Dichlorobenzene-d4	13.816	152	64442	18.107	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.440%#
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	3.916	101	1994	0.355	ug/L #	21
13) Acetone	4.034	43	9986	5.793	ug/L	95
14) Carbon disulfide	4.269	76	8239	0.438	ug/L	100
15) Methyl Acetate	4.569	43	21955	8.898	ug/L #	87
22) 2-Butanone	7.093	43	4034	2.079	ug/L #	82
34) Trichloroethene	8.775	95	10372	2.071	ug/L #	5
51) Chlorobenzene	11.610	112	1748539	131.600	ug/L	99
61) 1,2,3-Trichloropropane	13.457	75	140355	76.702	ug/L #	48
64) 1,3-Dichlorobenzene	13.457	146	497876	77.532	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	1706067	256.034	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	477926	82.709	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.592	75	1461	3.386	ug/L #	1
69) 1,3,5-Trichlorobenzene	15.104	180	42574	9.736	ug/L	100
70) 1,2,4-trichlorobenzene	15.104	180	42574	11.469	ug/L	100
72) 1,2,3-Trichlorobenzene	15.533	180	1543	0.474	ug/L #	78

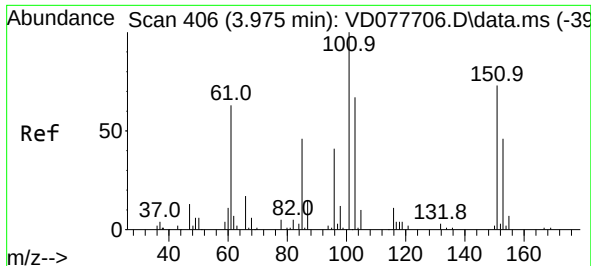
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD113023\
Data File : VD077712.D
Acq On : 30 Nov 2023 17:49
Operator : JC/SY
Sample : 04929-07
Misc : 3.60G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 30 23:02:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Nov 30 23:00:23 2023
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.355 ug/L

RT: 3.916 min Scan# 396

Delta R.T. -0.059 min

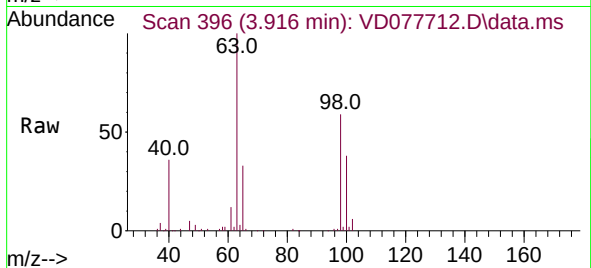
Lab File: VD077712.D

Acq: 30 Nov 2023 17:49

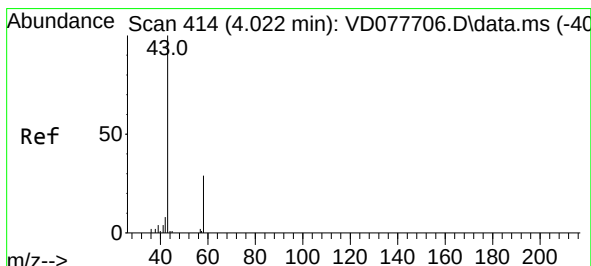
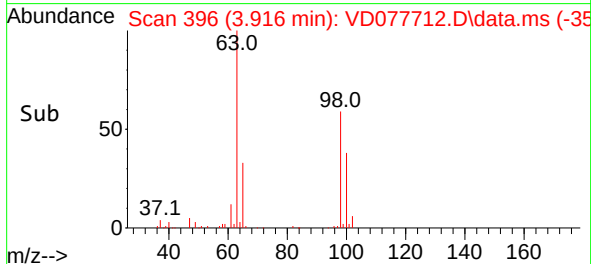
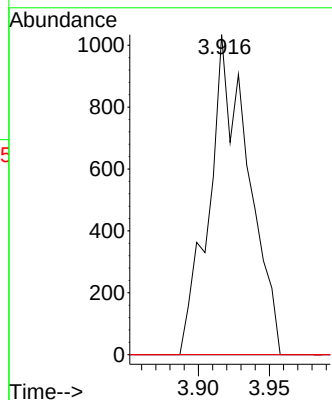
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	101	Resp:	1994
Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.8	53.6#
151	0.0	57.0	85.6#



#13

Acetone

Concen: 5.793 ug/L

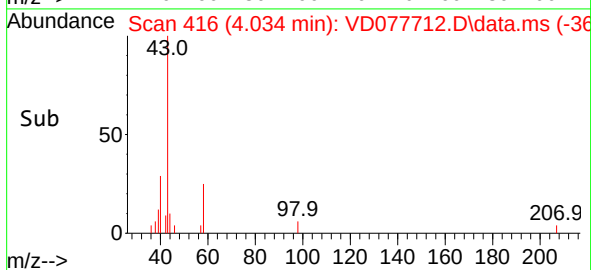
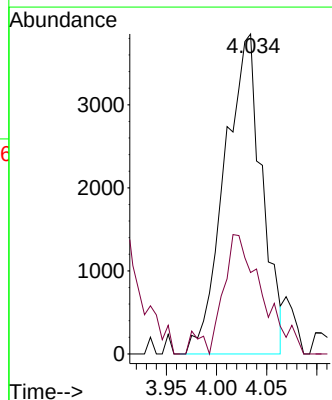
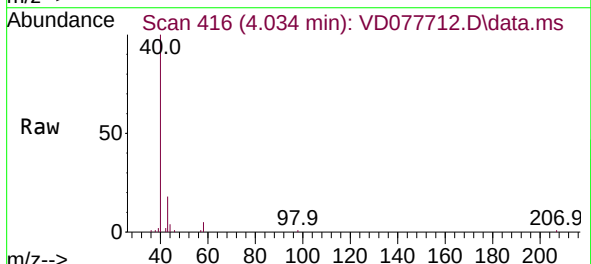
RT: 4.034 min Scan# 416

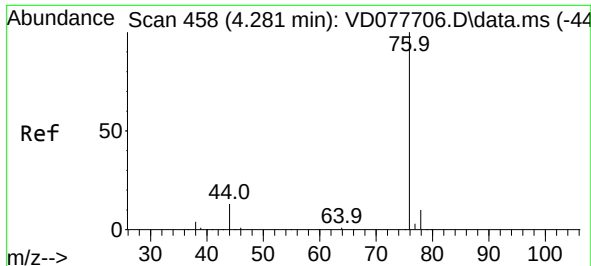
Delta R.T. 0.012 min

Lab File: VD077712.D

Acq: 30 Nov 2023 17:49

Tgt Ion:	43	Resp:	9986
Ion	Ratio	Lower	Upper
43	100		
58	36.3	0.0	67.2

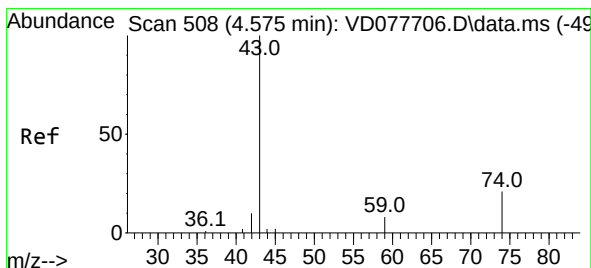
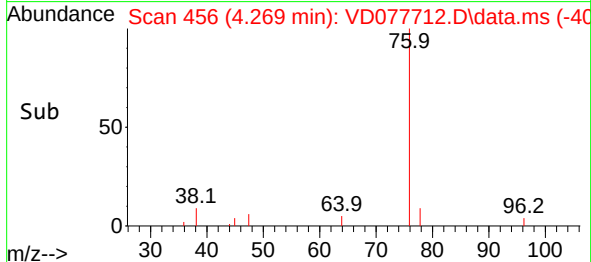
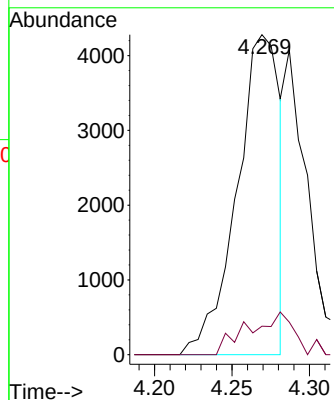
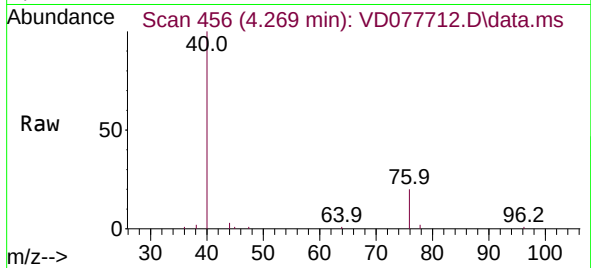




#14
Carbon disulfide
Concen: 0.438 ug/L
RT: 4.269 min Scan# 41
Delta R.T. -0.012 min
Lab File: VD077712.D
Acq: 30 Nov 2023 17:49

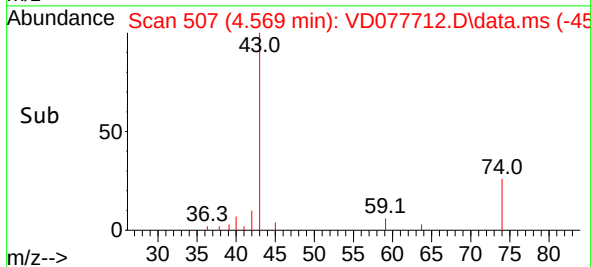
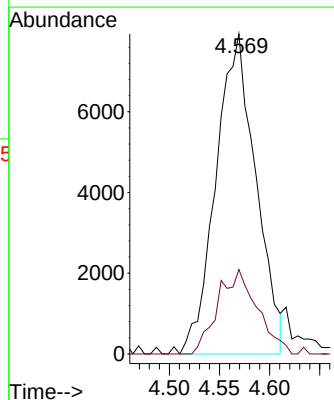
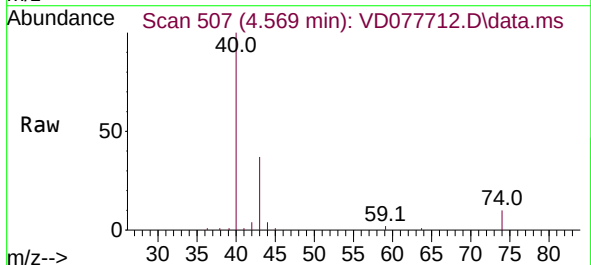
Instrument :
MSVOA_D
ClientSampleId :

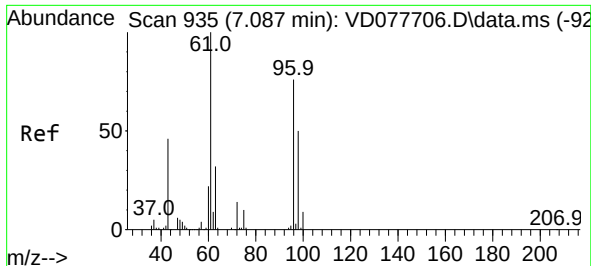
Tgt Ion: 76 Resp: 8239
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#15
Methyl Acetate
Concen: 8.898 ug/L
RT: 4.569 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD077712.D
Acq: 30 Nov 2023 17:49

Tgt Ion: 43 Resp: 21955
Ion Ratio Lower Upper
43 100
74 16.9 18.6 27.8#

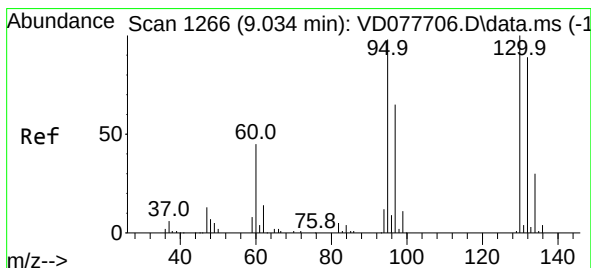
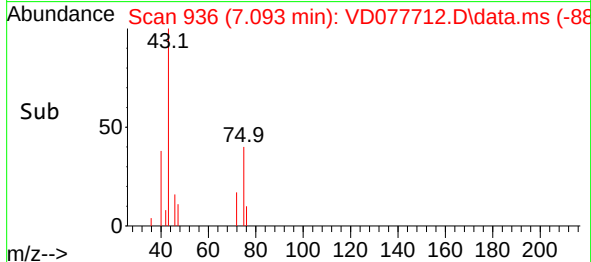
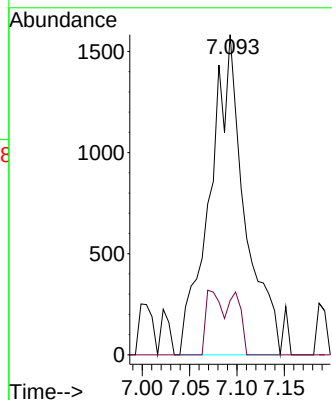
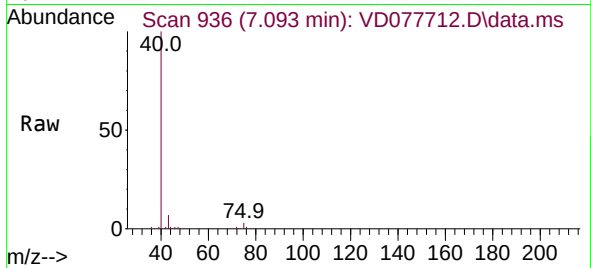




#22
2-Butanone
Concen: 2.079 ug/L
RT: 7.093 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077712.D
Acq: 30 Nov 2023 17:49

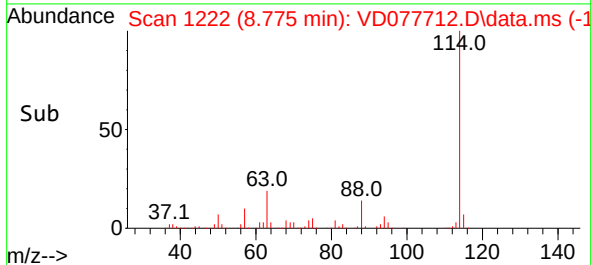
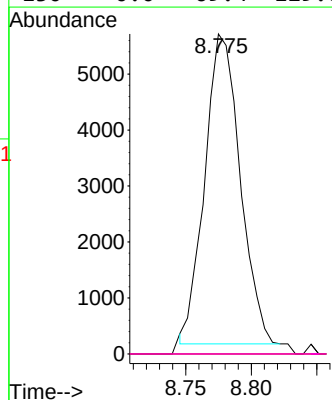
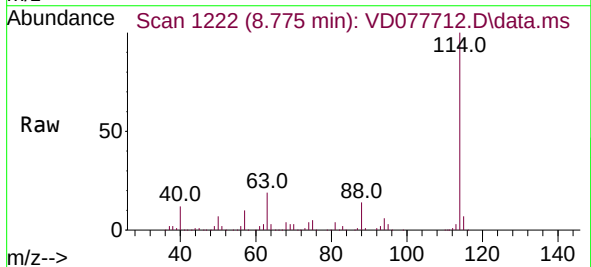
Instrument :
MSVOA_D
ClientSampleId :

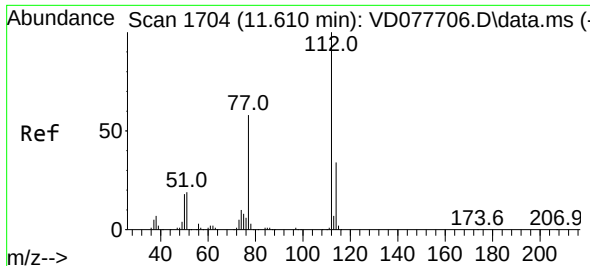
Tgt Ion: 43 Resp: 4034
Ion Ratio Lower Upper
43 100
72 7.0 7.2 21.6#



#34
Trichloroethene
Concen: 2.071 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.259 min
Lab File: VD077712.D
Acq: 30 Nov 2023 17:49

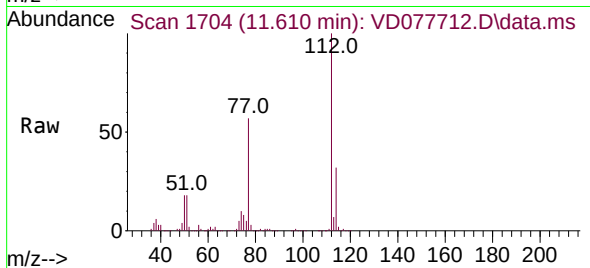
Tgt Ion: 95 Resp: 10372
Ion Ratio Lower Upper
95 100
97 0.0 44.2 82.0#
132 0.0 67.5 125.3#
130 0.0 69.4 129.0#



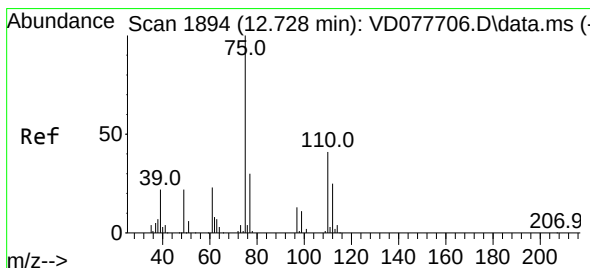
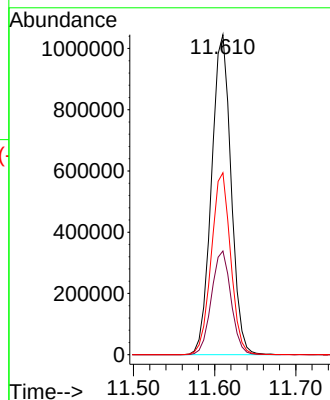
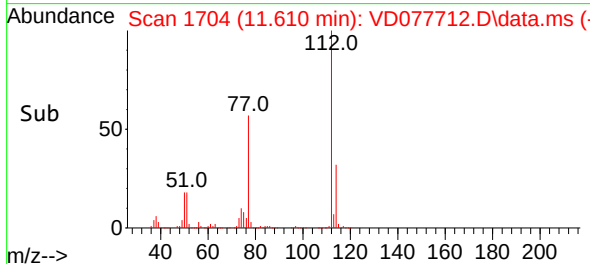


#51
Chlorobenzene
Concen: 131.600 ug/L
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077712.D
Acq: 30 Nov 2023 17:49

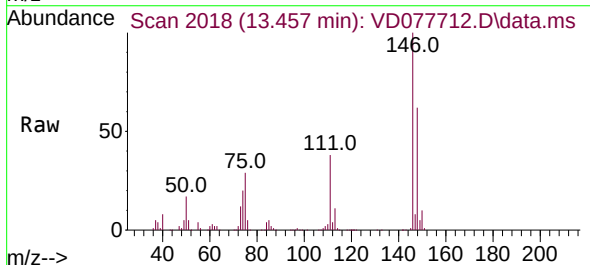
Instrument :
MSVOA_D
ClientSampleId :



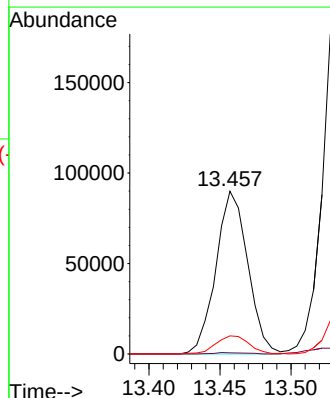
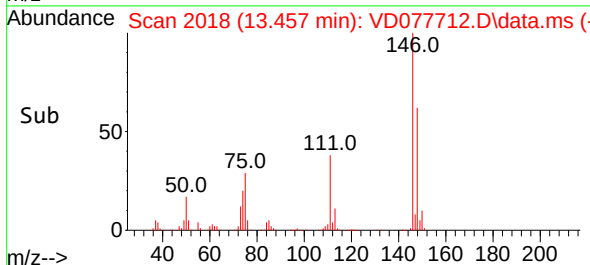
Tgt Ion:112 Resp: 1748539
Ion Ratio Lower Upper
112 100
114 32.4 22.5 41.9
77 56.8 46.4 69.6

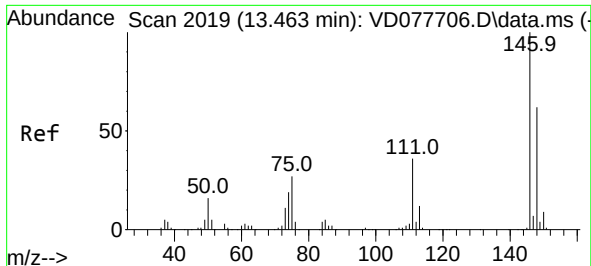


#61
1,2,3-Trichloropropane
Concen: 76.702 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.729 min
Lab File: VD077712.D
Acq: 30 Nov 2023 17:49



Tgt Ion: 75 Resp: 140355
Ion Ratio Lower Upper
75 100
77 0.8 26.8 40.2#
110 11.7 33.4 50.2#

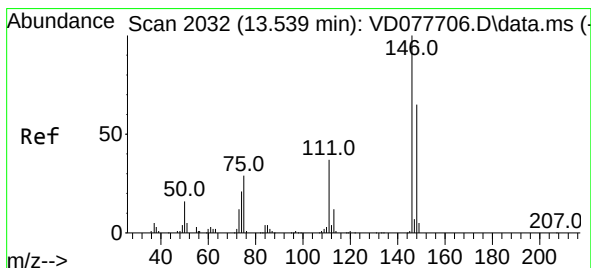
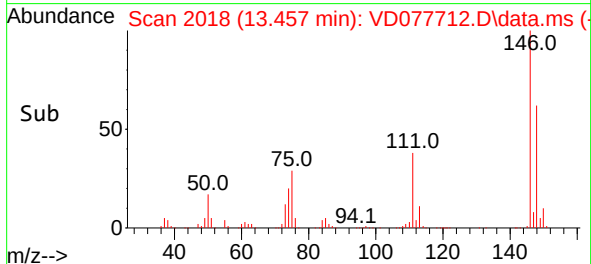
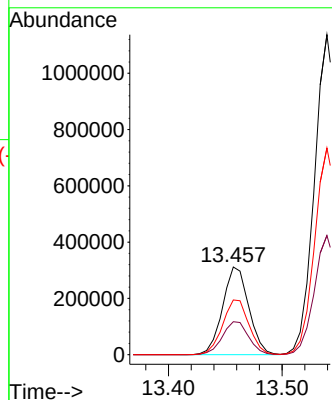
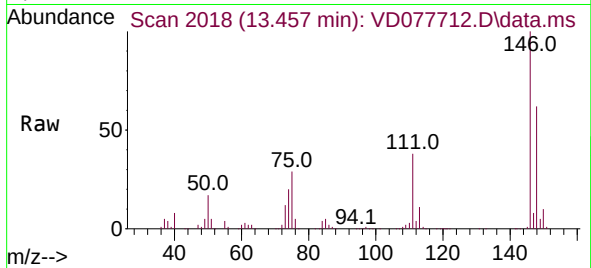




#64
1,3-Dichlorobenzene
Concen: 77.532 ug/L
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD077712.D
Acq: 30 Nov 2023 17:49

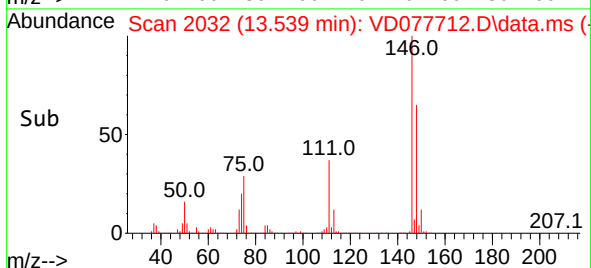
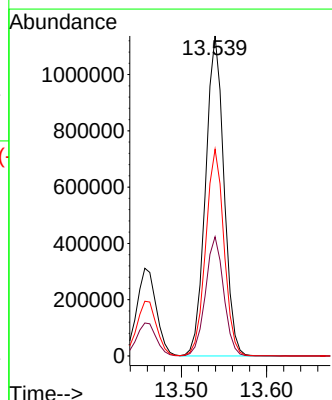
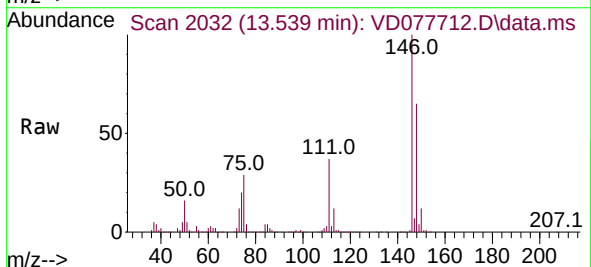
Instrument :
MSVOA_D
ClientSampleId :

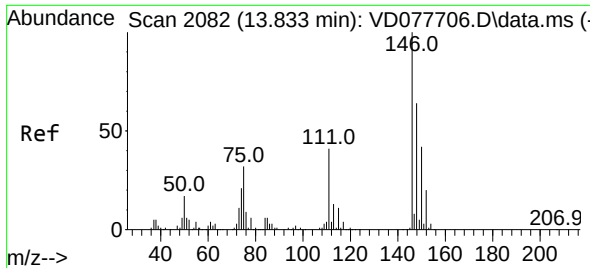
Tgt Ion:146 Resp: 497876
Ion Ratio Lower Upper
146 100
111 37.5 26.6 49.4
148 62.4 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 256.034 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077712.D
Acq: 30 Nov 2023 17:49

Tgt Ion:146 Resp: 1706067
Ion Ratio Lower Upper
146 100
111 37.3 26.4 49.0
148 64.6 44.0 81.8

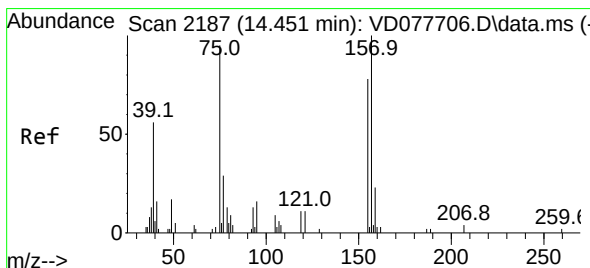
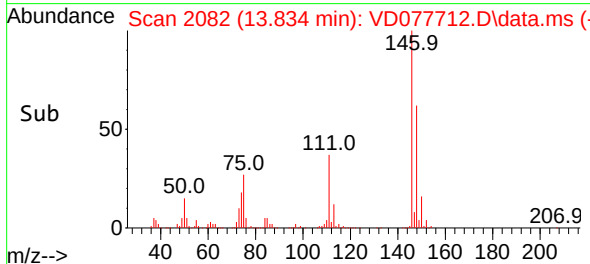
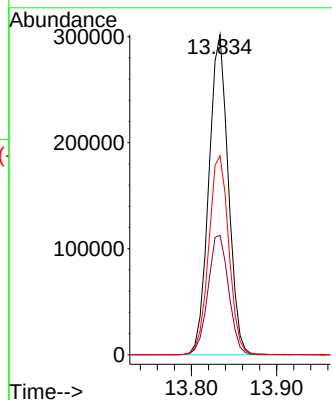
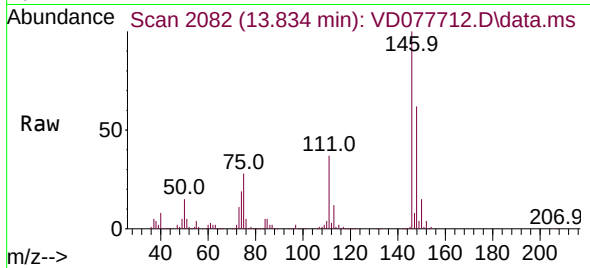




#67
1,2-Dichlorobenzene
Concen: 82.709 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077712.D
Acq: 30 Nov 2023 17:49

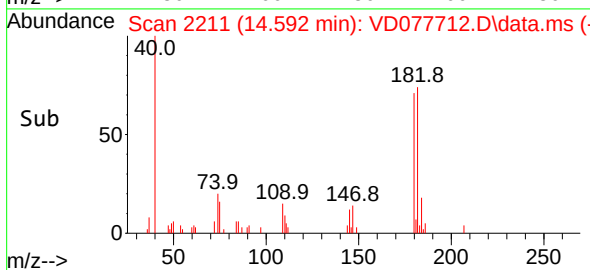
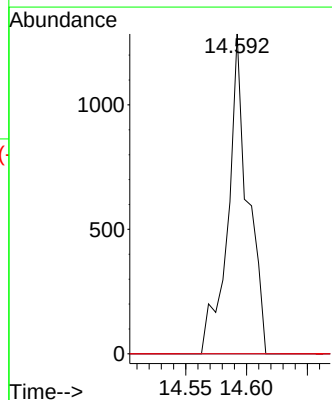
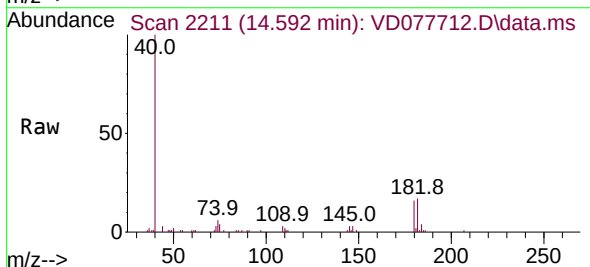
Instrument :
MSVOA_D
ClientSampleId :

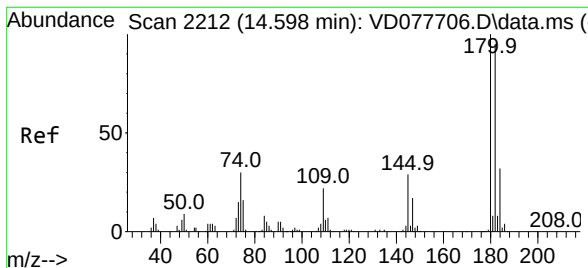
Tgt Ion:146 Resp: 477926
Ion Ratio Lower Upper
146 100
111 37.3 31.4 47.2
148 62.1 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 3.386 ug/L
RT: 14.592 min Scan# 2211
Delta R.T. 0.141 min
Lab File: VD077712.D
Acq: 30 Nov 2023 17:49

Tgt Ion: 75 Resp: 1461
Ion Ratio Lower Upper
75 100
155 0.0 69.2 103.8#
157 0.0 86.6 130.0#





#69

1,3,5-Trichlorobenzene

Concen: 9.736 ug/L

RT: 15.104 min Scan# 2212

Delta R.T. 0.506 min

Lab File: VD077712.D

Acq: 30 Nov 2023 17:49

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:180 Resp: 42574

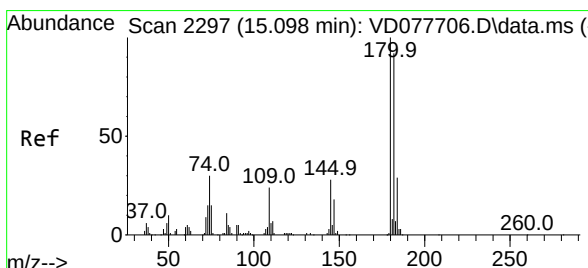
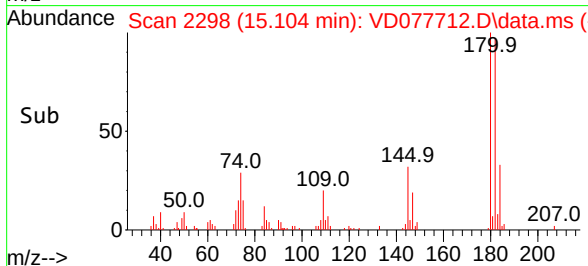
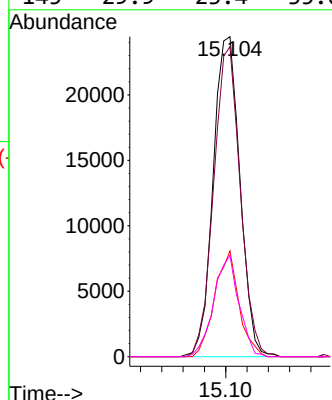
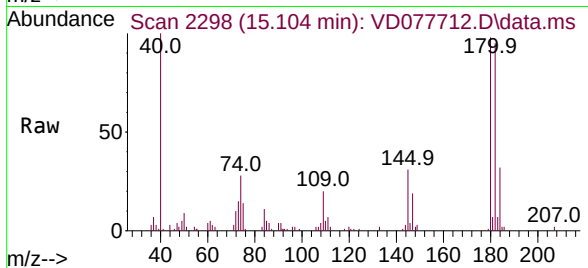
Ion Ratio Lower Upper

180 100

182 96.2 77.0 115.4

184 30.1 24.3 36.5

145 29.9 23.4 35.0



#70

1,2,4-trichlorobenzene

Concen: 11.469 ug/L

RT: 15.104 min Scan# 2298

Delta R.T. 0.006 min

Lab File: VD077712.D

Acq: 30 Nov 2023 17:49

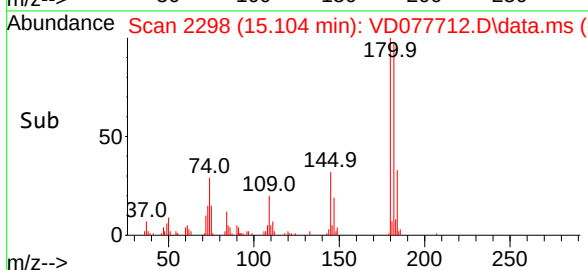
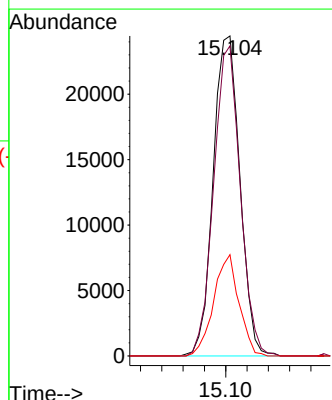
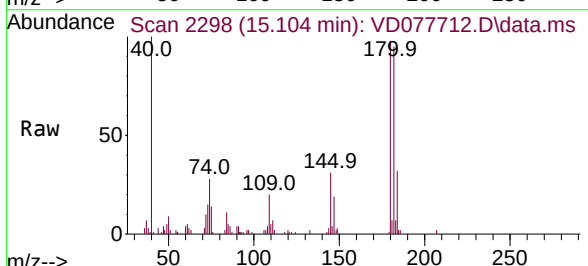
Tgt Ion:180 Resp: 42574

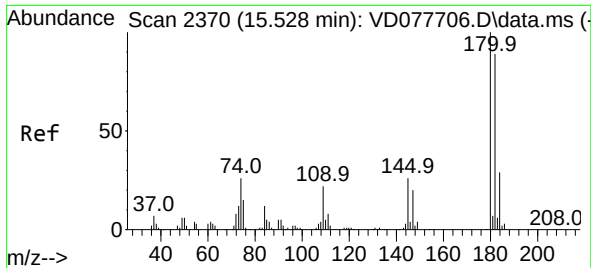
Ion Ratio Lower Upper

180 100

182 96.2 77.0 115.6

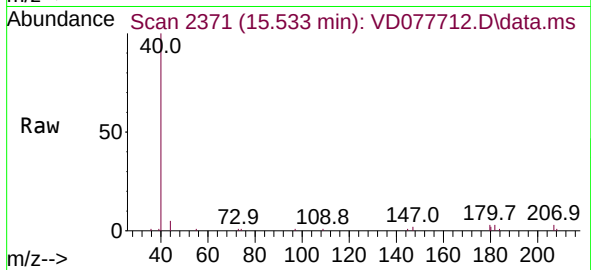
145 29.9 23.9 35.9





#72
 1,2,3-Trichlorobenzene
 Concen: 0.474 ug/L
 RT: 15.533 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD077712.D
 Acq: 30 Nov 2023 17:49

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:180 Resp: 1543
 Ion Ratio Lower Upper
 180 100
 182 109.4 77.3 115.9
 145 3.7 25.2 37.8#

