

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD113023\
 Data File : VD077709.D
 Acq On : 30 Nov 2023 16:28
 Operator : JC/SY
 Sample : 04929-04
 Misc : 2.17G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 30 23:01:24 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

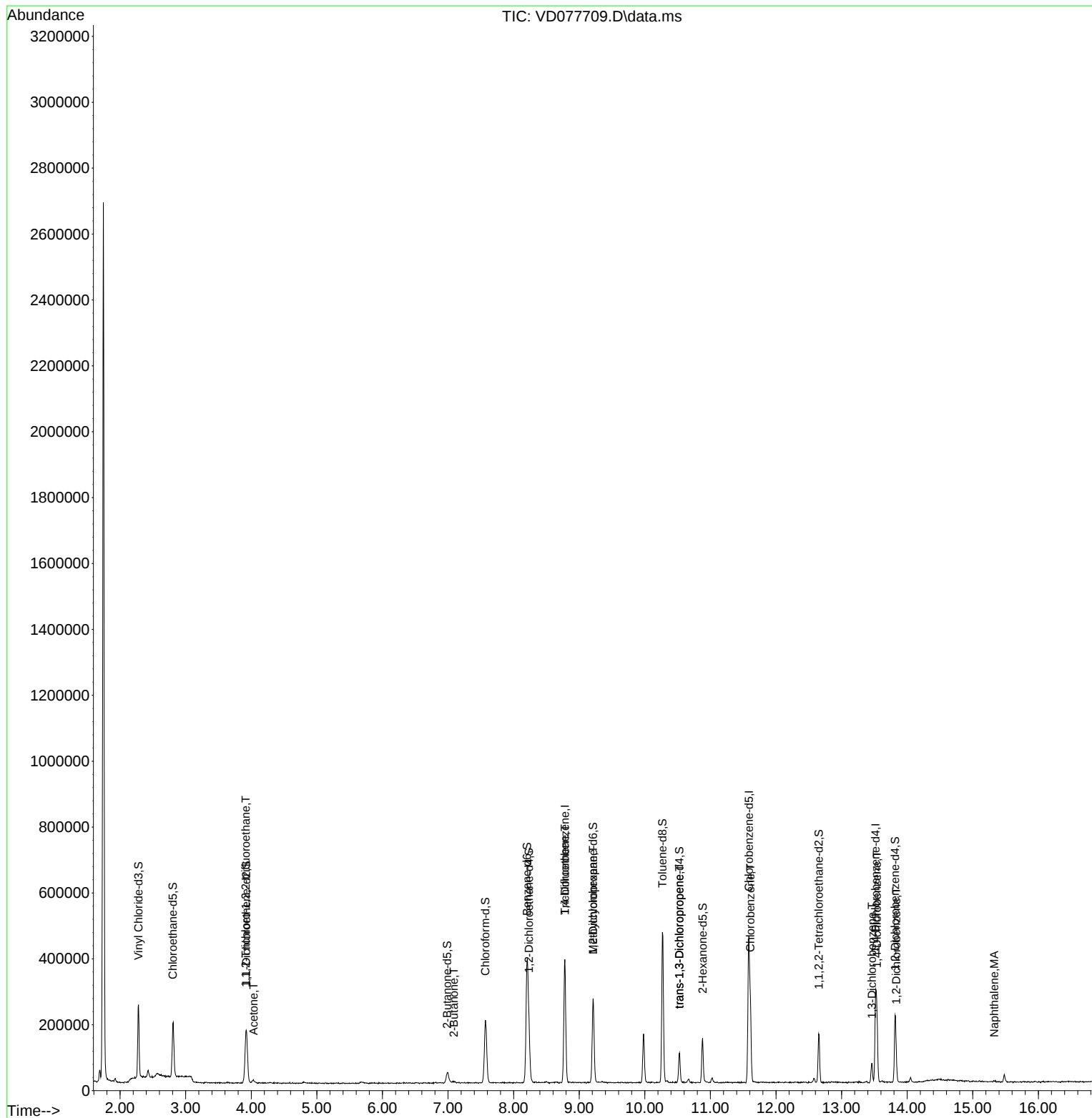
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	323596	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	237779	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	65351	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	207594	23.524	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.080%
7) Chloroethane-d5	2.805	69	169541	24.104	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	3.922	65	48344	21.128	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.520%
21) 2-Butanone-d5	6.987	46	56406	50.575	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.140%
24) Chloroform-d	7.569	84	197107	22.600	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	8.234	65	107490	24.325	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.320%
32) Benzene-d6	8.205	84	399116	27.870	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.480%
36) 1,2-Dichloropropane-d6	9.210	67	126330	28.912	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.640%
41) Toluene-d8	10.269	98	318162	24.137	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.560%
43) trans-1,3-Dichloroprop...	10.528	79	50702	26.240	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.960%
47) 2-Hexanone-d5	10.881	63	46505	61.765	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.540%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	76964	24.375	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.520%
66) 1,2-Dichlorobenzene-d4	13.816	152	50835	21.744	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.960%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	3.917	101	1256	0.270	ug/L #	21
13) Acetone	4.034	43	14489	10.139	ug/L	95
22) 2-Butanone	7.087	43	4898	3.045	ug/L	99
34) Trichloroethene	8.781	95	9776	2.545	ug/L #	5
35) Methylcyclohexane	9.210	83	27874	4.087	ug/L #	19
44) trans-1,3-Dichloropropene	10.528	75	2192	0.416	ug/L	88
51) Chlorobenzene	11.610	112	126421	12.403	ug/L	98
64) 1,3-Dichlorobenzene	13.463	146	23675	5.612	ug/L	96
65) 1,4-Dichlorobenzene	13.540	146	70338	16.069	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	17348	4.570	ug/L	97
71) Naphthalene	15.328	128	3854	0.864	ug/L #	84

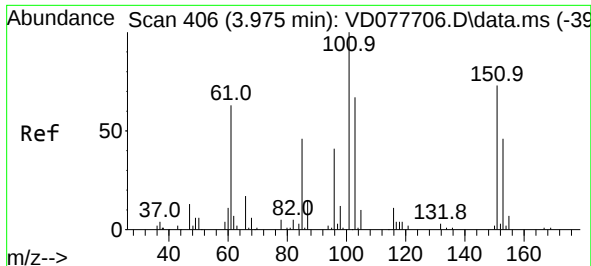
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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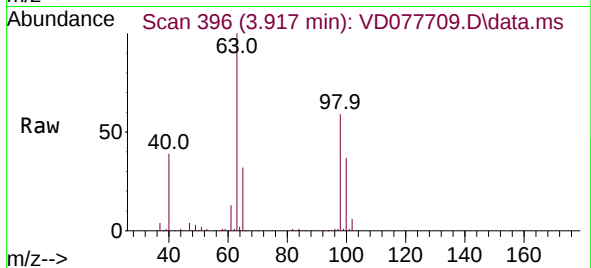
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
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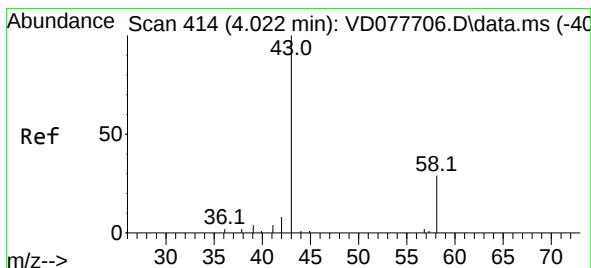
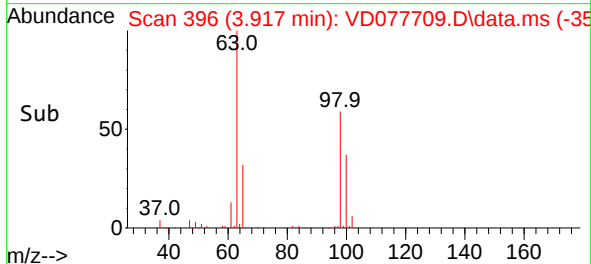
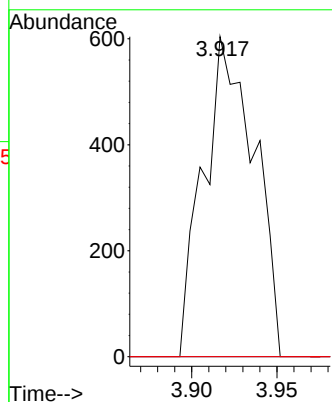


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.270 ug/L
 RT: 3.917 min Scan# 396
 Delta R.T. -0.059 min
 Lab File: VD077709.D
 Acq: 30 Nov 2023 16:28

Instrument :
 MSVOA_D
 ClientSampleId :

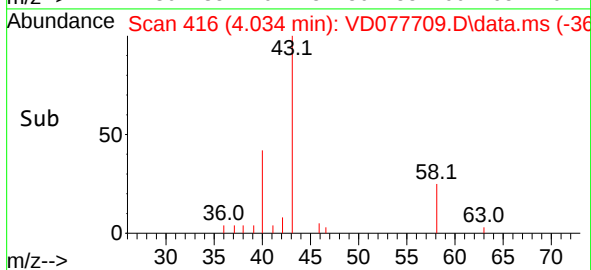
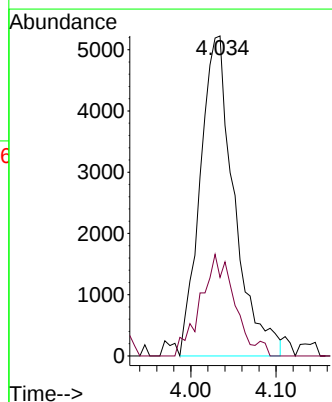
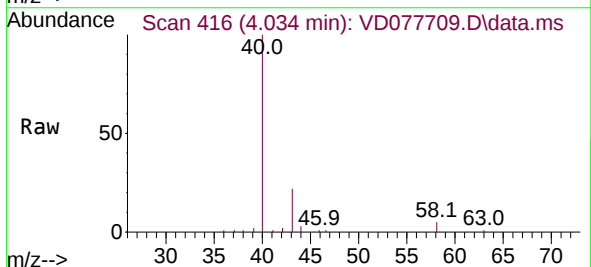


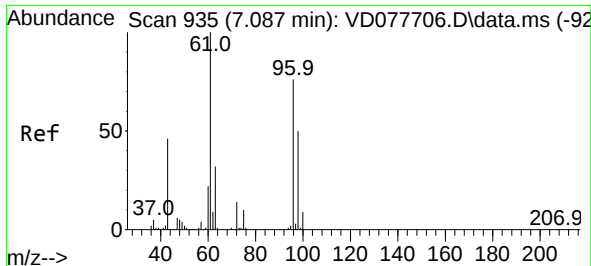
Tgt Ion:101 Resp: 1256
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.8 53.6#
 151 0.0 57.0 85.6#



#13
 Acetone
 Concen: 10.139 ug/L
 RT: 4.034 min Scan# 416
 Delta R.T. 0.012 min
 Lab File: VD077709.D
 Acq: 30 Nov 2023 16:28

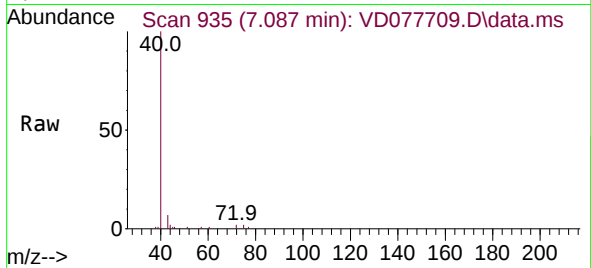
Tgt Ion: 43 Resp: 14489
 Ion Ratio Lower Upper
 43 100
 58 30.9 0.0 67.2



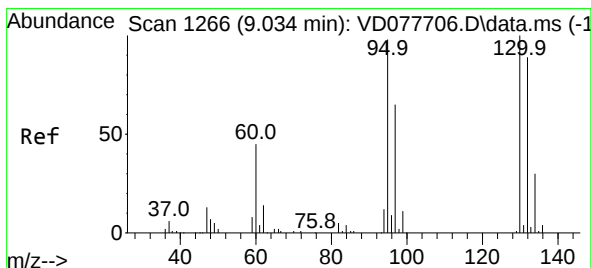
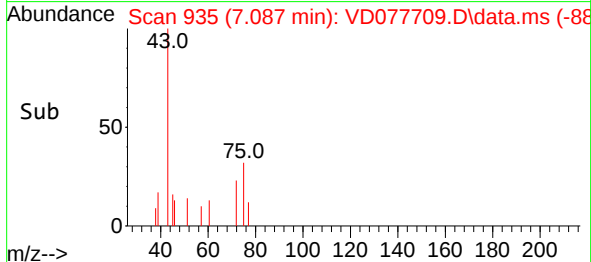
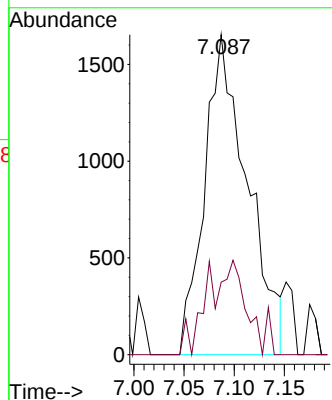


#22
2-Butanone
Concen: 3.045 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077709.D
Acq: 30 Nov 2023 16:28

Instrument :
MSVOA_D
ClientSampleId :

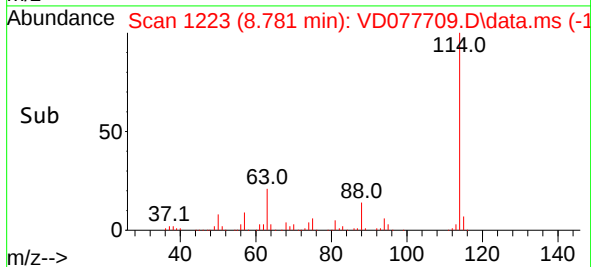
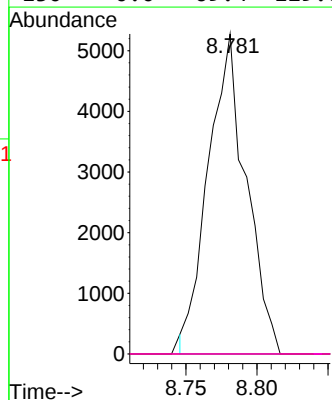
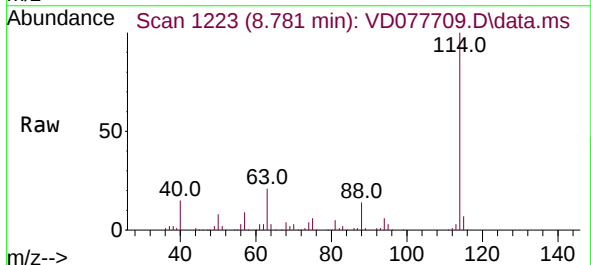


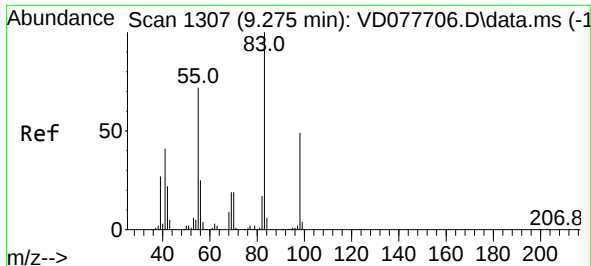
Tgt Ion: 43 Resp: 4898
Ion Ratio Lower Upper
43 100
72 14.8 7.2 21.6



#34
Trichloroethene
Concen: 2.545 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.253 min
Lab File: VD077709.D
Acq: 30 Nov 2023 16:28

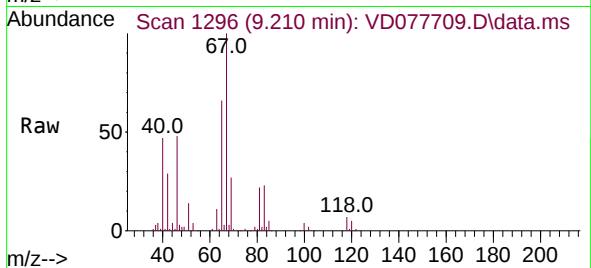
Tgt Ion: 95 Resp: 9776
Ion Ratio Lower Upper
95 100
97 0.0 44.2 82.0#
132 0.0 67.5 125.3#
130 0.0 69.4 129.0#



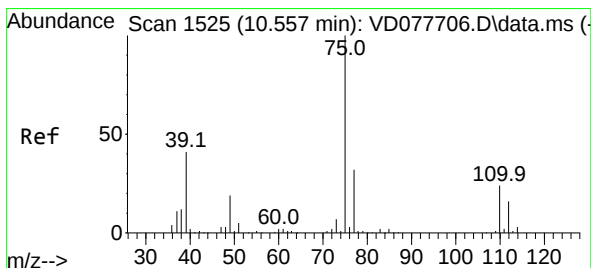
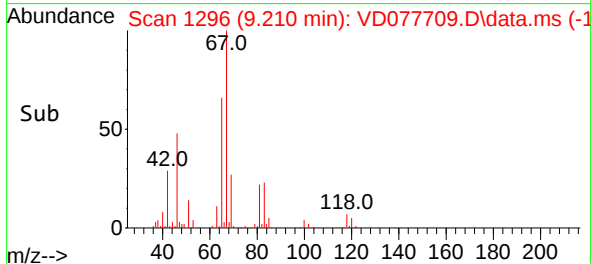
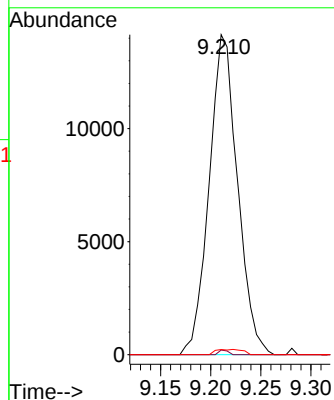


#35
Methylcyclohexane
Concen: 4.087 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.064 min
Lab File: VD077709.D
Acq: 30 Nov 2023 16:28

Instrument :
MSVOA_D
ClientSampleId :

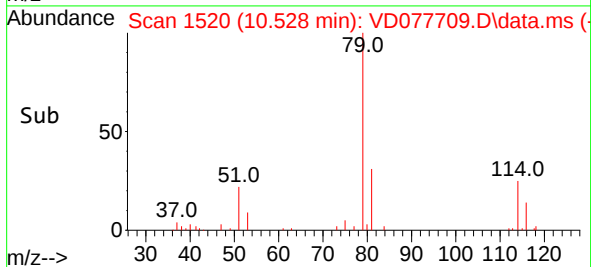
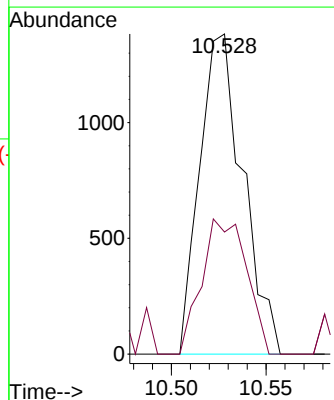
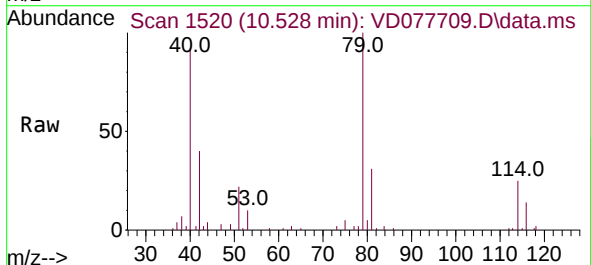


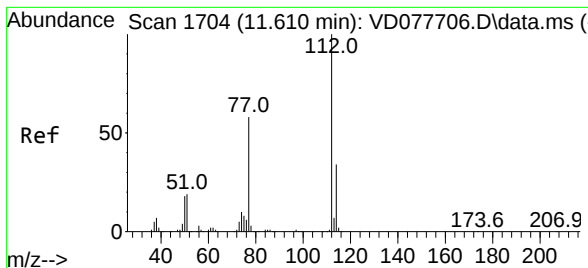
Tgt Ion: 83 Resp: 27874
Ion Ratio Lower Upper
83 100
55 0.5 59.8 89.6#
98 0.8 38.5 57.7#



#44
trans-1,3-Dichloropropene
Concen: 0.416 ug/L
RT: 10.528 min Scan# 1520
Delta R.T. -0.029 min
Lab File: VD077709.D
Acq: 30 Nov 2023 16:28

Tgt Ion: 75 Resp: 2192
Ion Ratio Lower Upper
75 100
77 38.1 22.0 40.8

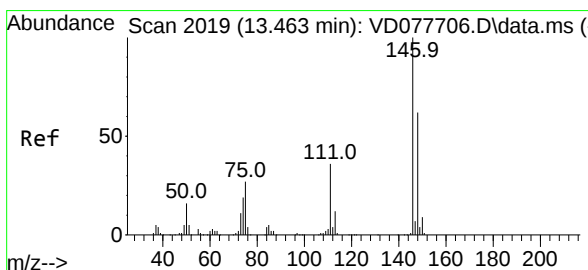
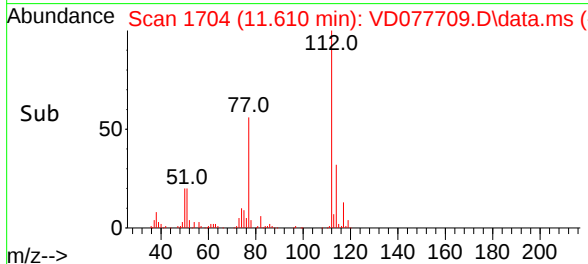
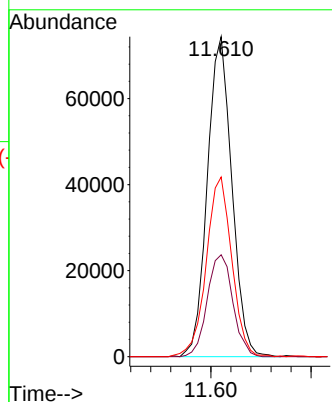
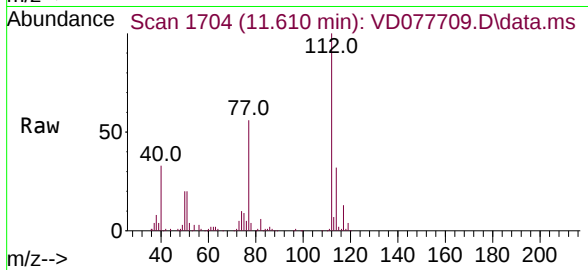




#51
Chlorobenzene
Concen: 12.403 ug/L
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077709.D
Acq: 30 Nov 2023 16:28

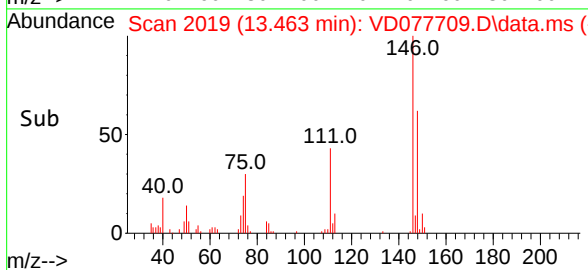
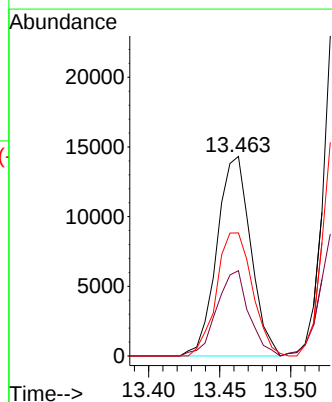
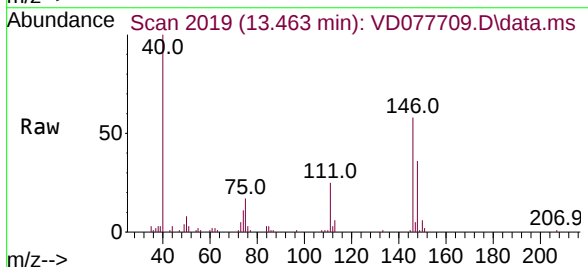
Instrument :
MSVOA_D
ClientSampleId :

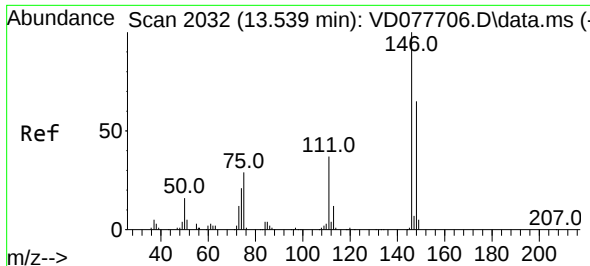
Tgt Ion:112 Resp: 126421
Ion Ratio Lower Upper
112 100
114 31.9 22.5 41.9
77 56.1 46.4 69.6



#64
1,3-Dichlorobenzene
Concen: 5.612 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD077709.D
Acq: 30 Nov 2023 16:28

Tgt Ion:146 Resp: 23675
Ion Ratio Lower Upper
146 100
111 42.7 26.6 49.4
148 61.7 44.0 81.6

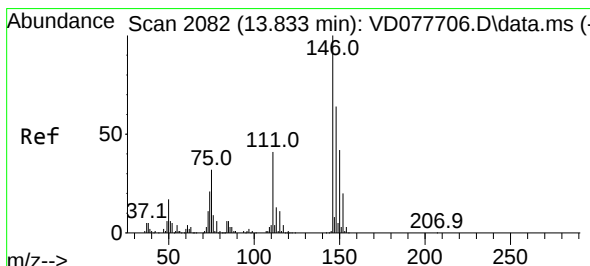
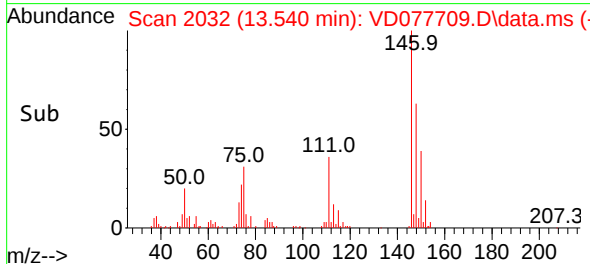
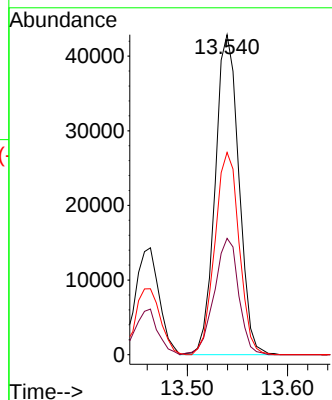
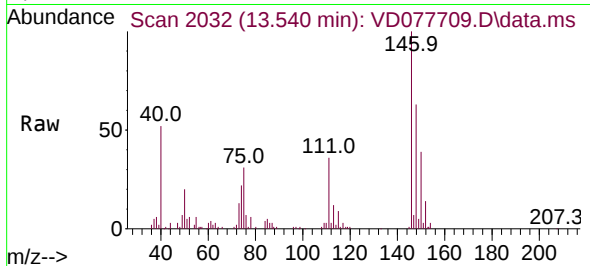




#65
1,4-Dichlorobenzene
Concen: 16.069 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077709.D
Acq: 30 Nov 2023 16:28

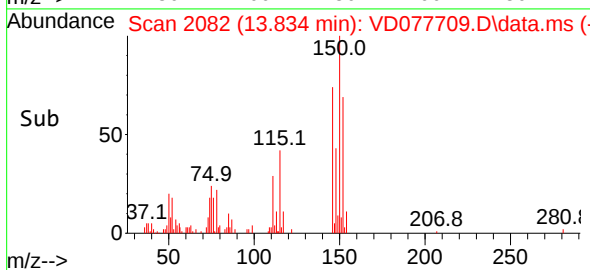
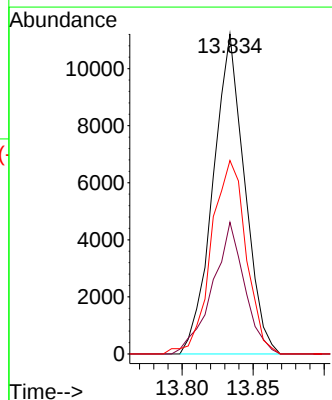
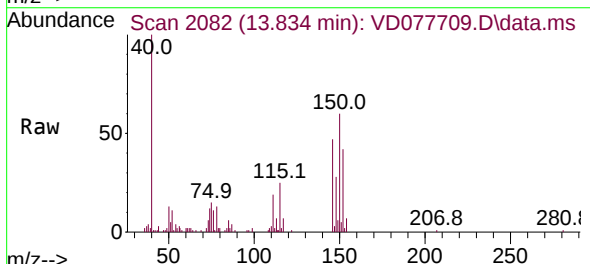
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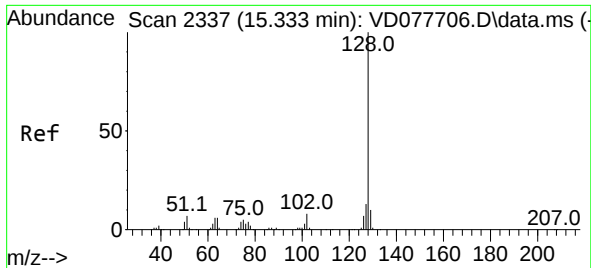
Tgt Ion:146 Resp: 70338
Ion Ratio Lower Upper
146 100
111 36.3 26.4 49.0
148 63.2 44.0 81.8



#67
1,2-Dichlorobenzene
Concen: 4.570 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077709.D
Acq: 30 Nov 2023 16:28

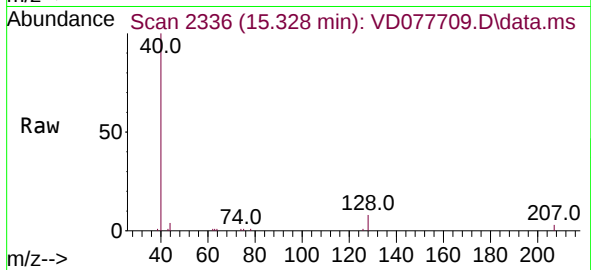
Tgt Ion:146 Resp: 17348
Ion Ratio Lower Upper
146 100
111 41.2 31.4 47.2
148 60.5 50.2 75.2





#71
Naphthalene
Concen: 0.864 ug/L
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD077709.D
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Instrument :
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Tgt Ion	Ratio	Lower	Upper
128	100		
127	8.0	10.5	15.7#
129	3.3	8.7	13.1#

