

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD113023\
 Data File : VD077710.D
 Acq On : 30 Nov 2023 16:55
 Operator : JC/SY
 Sample : 04929-05
 Misc : 3.41G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 30 23:01:38 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

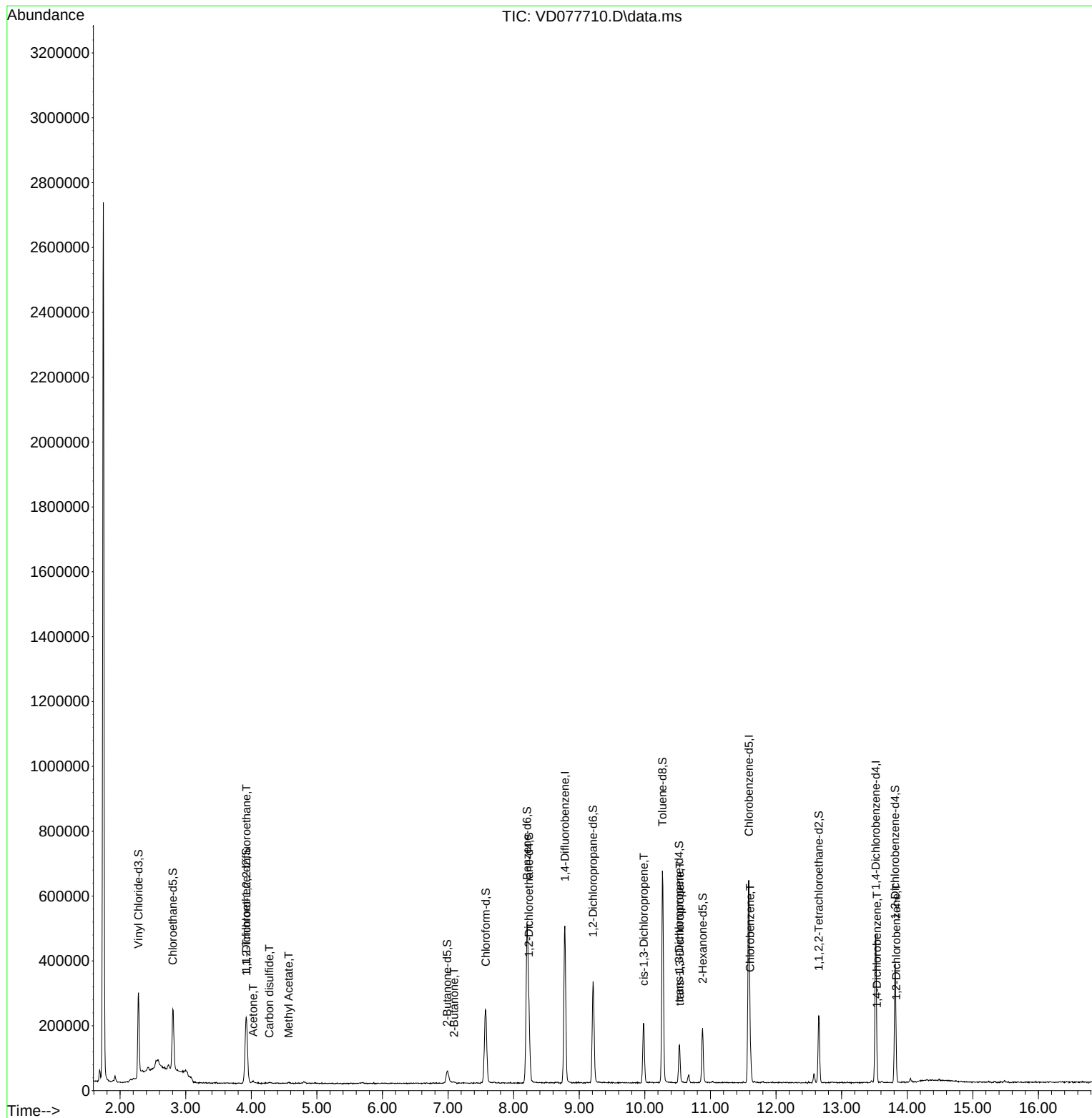
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	421640	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	361138	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	124027	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	241952	21.042	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.160%
7) Chloroethane-d5	2.805	69	194991	21.276	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.120%
11) 1,1-Dichloroethene-d2	3.922	65	60029	20.135	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.520%
21) 2-Butanone-d5	6.987	46	66669	45.877	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.760%
24) Chloroform-d	7.575	84	239606	21.085	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.320%
26) 1,2-Dichloroethane-d4	8.234	65	131298	22.804	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	8.204	84	504279	23.185	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.760%
36) 1,2-Dichloropropane-d6	9.210	67	158327	23.858	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.440%
41) Toluene-d8	10.269	98	446476	22.302	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	10.522	79	65824	22.430	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.720%
47) 2-Hexanone-d5	10.881	63	59434	51.973	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.940%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	108369	22.598	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	13.816	152	96312	21.707	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.840%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	3.928	101	1774	0.293	ug/L #	21
13) Acetone	4.028	43	5397	2.899	ug/L	65
14) Carbon disulfide	4.275	76	7065	0.348	ug/L #	75
15) Methyl Acetate	4.569	43	3067	1.151	ug/L #	71
22) 2-Butanone	7.093	43	4023	1.920	ug/L #	72
39) cis-1,3-Dichloropropene	9.987	75	5258	0.549	ug/L #	70
44) trans-1,3-Dichloropropene	10.534	75	3657	0.457	ug/L	91
51) Chlorobenzene	11.604	112	47037	3.038	ug/L	92
65) 1,4-Dichlorobenzene	13.539	146	2858	0.344	ug/L #	73
67) 1,2-Dichlorobenzene	13.833	146	2843	0.395	ug/L #	89

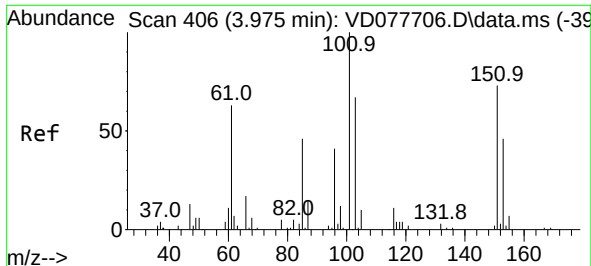
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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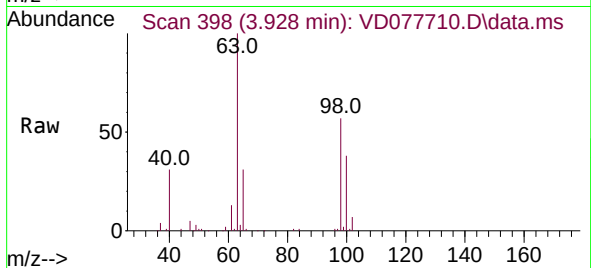
Quant Time: Nov 30 23:01:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Nov 30 23:00:23 2023
Response via : Initial Calibration



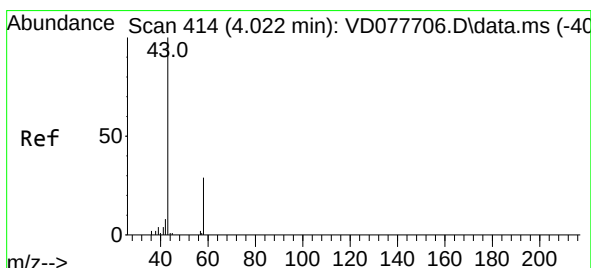
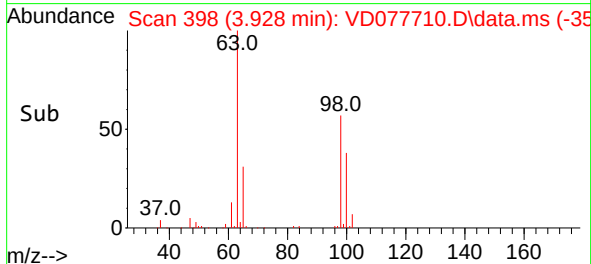
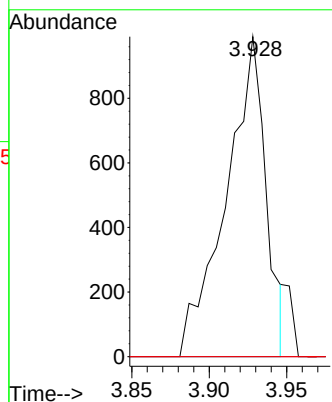


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.293 ug/L
 RT: 3.928 min Scan# 398
 Delta R.T. -0.047 min
 Lab File: VD077710.D
 Acq: 30 Nov 2023 16:55

Instrument :
 MSVOA_D
 ClientSampleId :

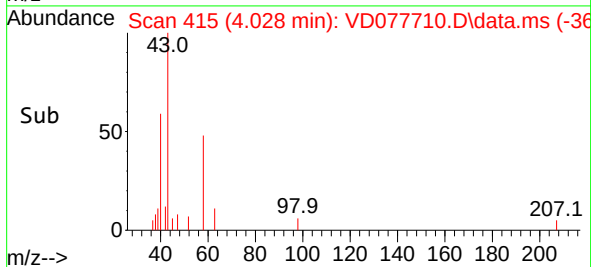
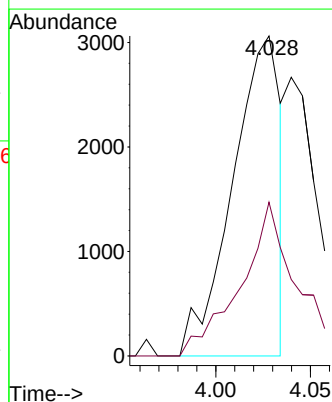
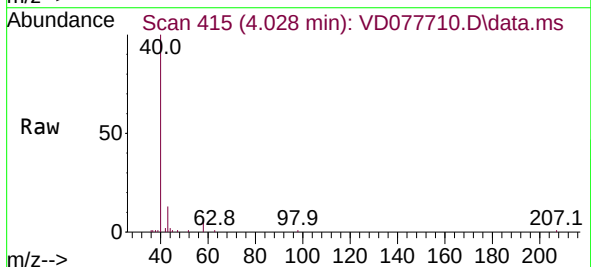


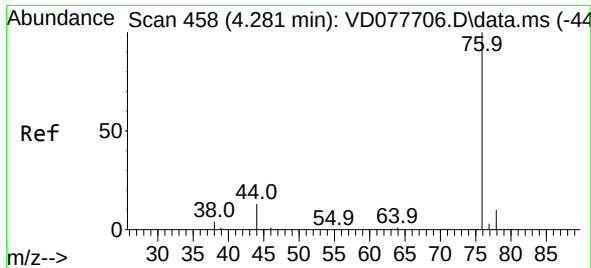
Tgt Ion:101 Resp: 1774
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.8 53.6#
 151 0.0 57.0 85.6#



#13
 Acetone
 Concen: 2.899 ug/L
 RT: 4.028 min Scan# 415
 Delta R.T. 0.006 min
 Lab File: VD077710.D
 Acq: 30 Nov 2023 16:55

Tgt Ion: 43 Resp: 5397
 Ion Ratio Lower Upper
 43 100
 58 53.8 0.0 67.2

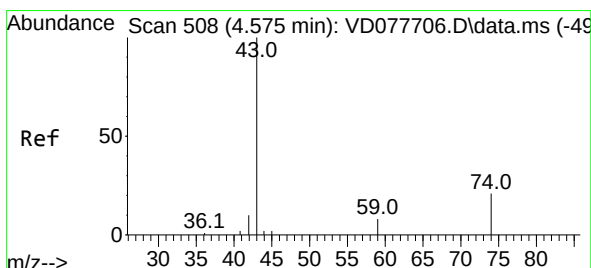
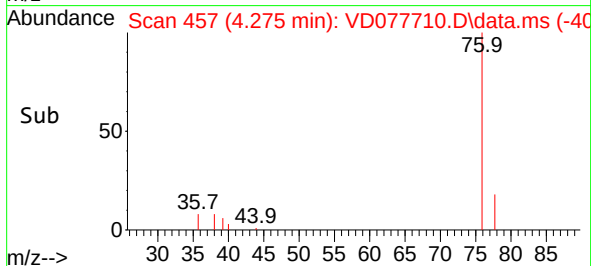
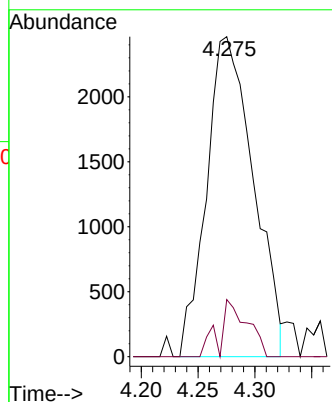
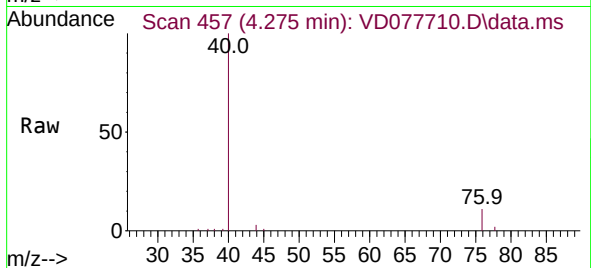




#14
Carbon disulfide
Concen: 0.348 ug/L
RT: 4.275 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD077710.D
Acq: 30 Nov 2023 16:55

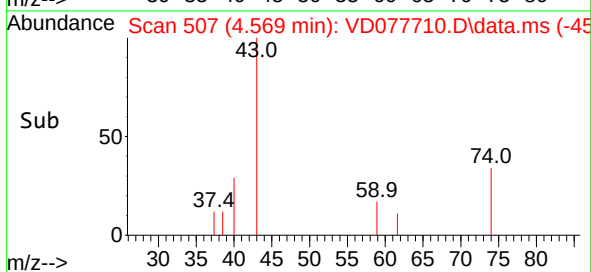
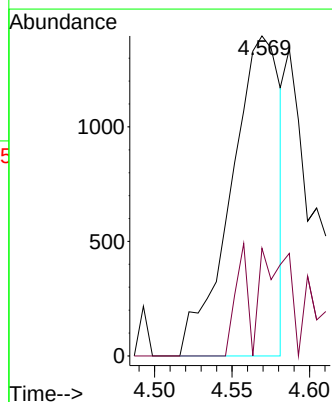
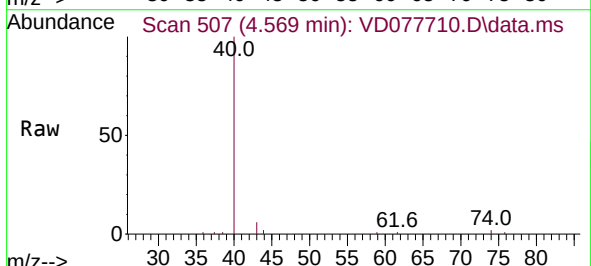
Instrument :
MSVOA_D
ClientSampleId :

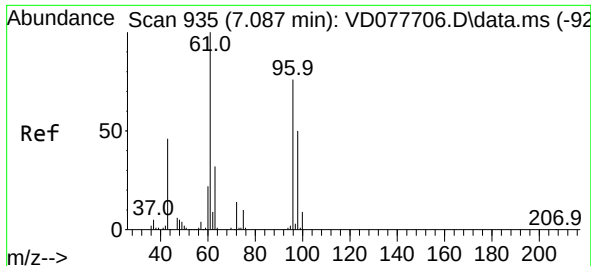
Tgt Ion: 76 Resp: 7065
Ion Ratio Lower Upper
76 100
78 17.9 7.2 10.8#



#15
Methyl Acetate
Concen: 1.151 ug/L
RT: 4.569 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD077710.D
Acq: 30 Nov 2023 16:55

Tgt Ion: 43 Resp: 3067
Ion Ratio Lower Upper
43 100
74 9.2 18.6 27.8#

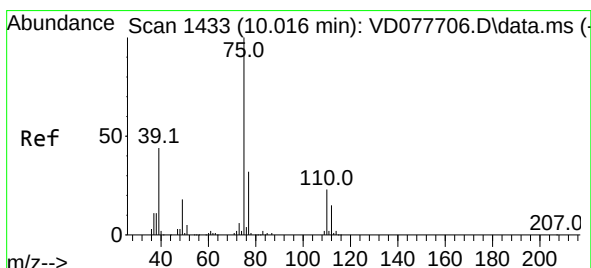
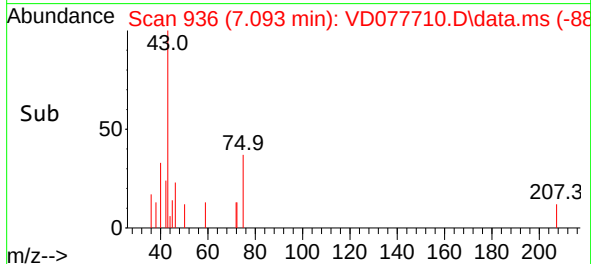
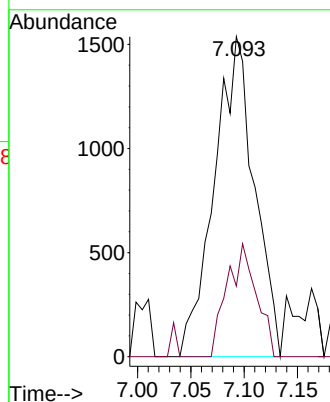
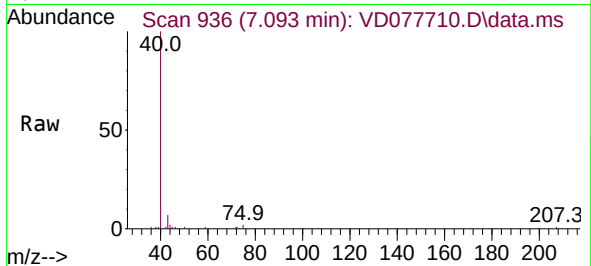




#22
2-Butanone
Concen: 1.920 ug/L
RT: 7.093 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077710.D
Acq: 30 Nov 2023 16:55

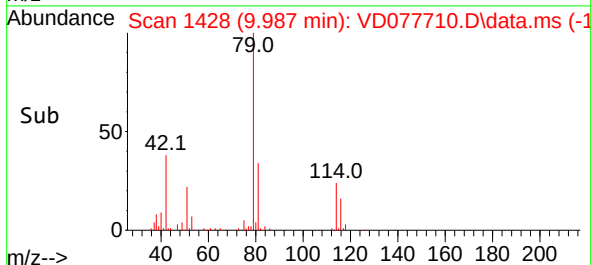
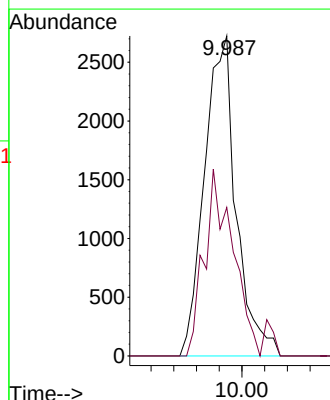
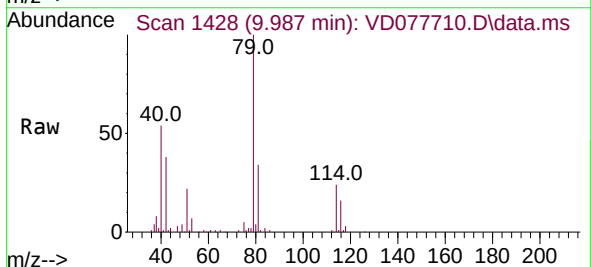
Instrument :
MSVOA_D
ClientSampleId :

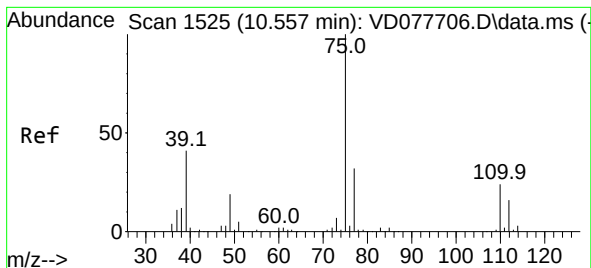
Tgt Ion: 43 Resp: 4023
Ion Ratio Lower Upper
43 100
72 25.8 7.2 21.6#



#39
cis-1,3-Dichloropropene
Concen: 0.549 ug/L
RT: 9.987 min Scan# 1428
Delta R.T. -0.029 min
Lab File: VD077710.D
Acq: 30 Nov 2023 16:55

Tgt Ion: 75 Resp: 5258
Ion Ratio Lower Upper
75 100
77 46.4 21.2 39.4#





#44

trans-1,3-Dichloropropene

Concen: 0.457 ug/L

RT: 10.534 min Scan# 11

Delta R.T. -0.024 min

Lab File: VD077710.D

Acq: 30 Nov 2023 16:55

Instrument :

MSVOA_D

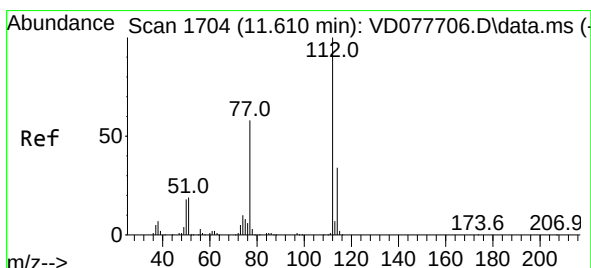
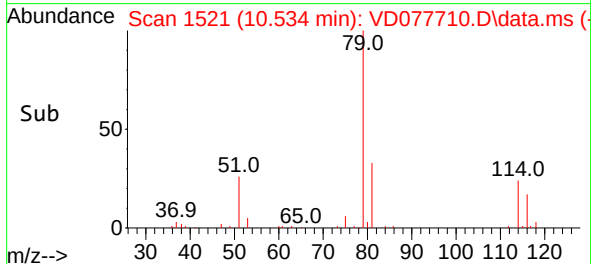
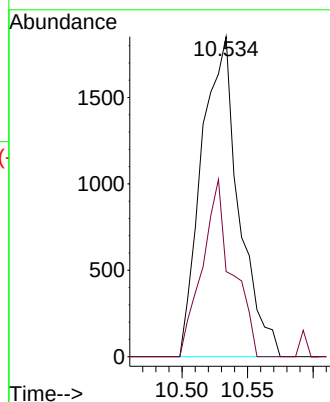
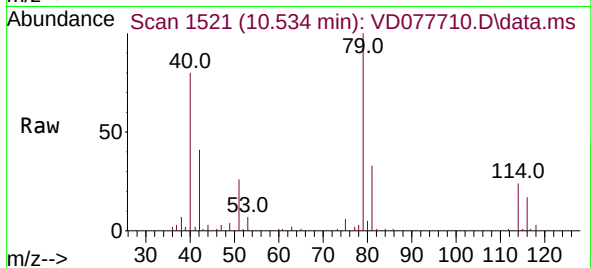
ClientSampleId :

Tgt Ion: 75 Resp: 3657

Ion Ratio Lower Upper

75 100

77 26.6 22.0 40.8



#51

Chlorobenzene

Concen: 3.038 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VD077710.D

Acq: 30 Nov 2023 16:55

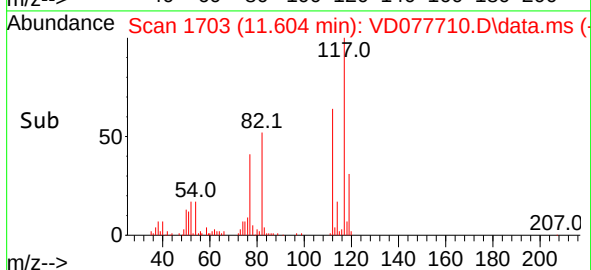
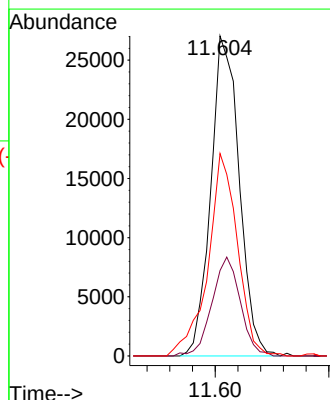
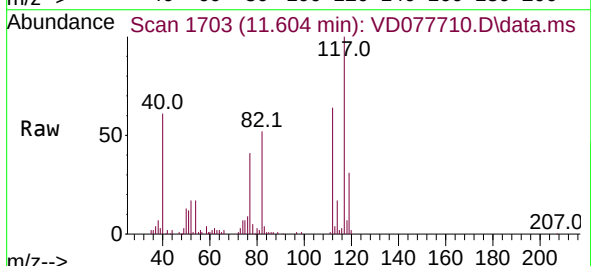
Tgt Ion: 112 Resp: 47037

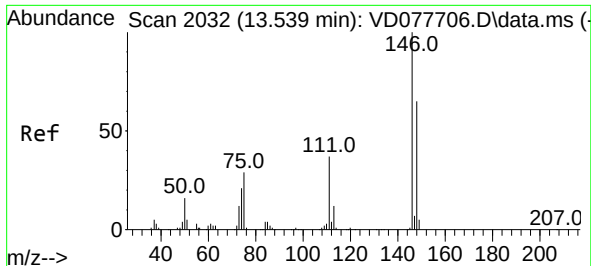
Ion Ratio Lower Upper

112 100

114 26.7 22.5 41.9

77 63.3 46.4 69.6

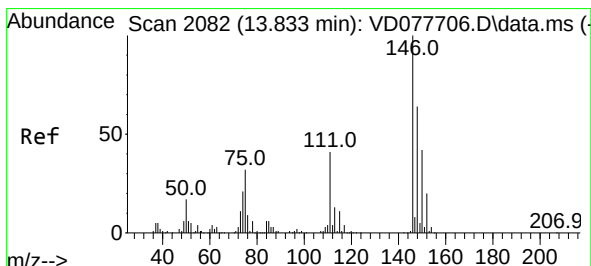
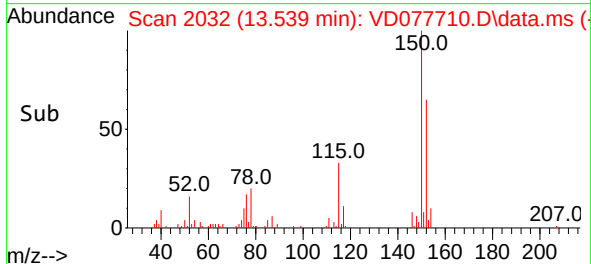
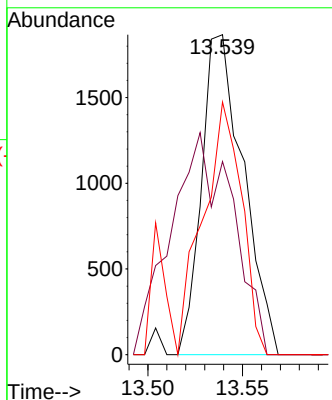
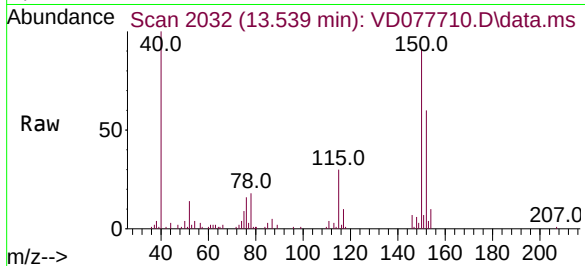




#65
1,4-Dichlorobenzene
Concen: 0.344 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077710.D
Acq: 30 Nov 2023 16:55

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:146 Resp: 2858
Ion Ratio Lower Upper
146 100
111 60.4 26.4 49.0#
148 79.0 44.0 81.8



#67
1,2-Dichlorobenzene
Concen: 0.395 ug/L
RT: 13.833 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077710.D
Acq: 30 Nov 2023 16:55

Tgt Ion:146 Resp: 2843
Ion Ratio Lower Upper
146 100
111 54.5 31.4 47.2#
148 60.6 50.2 75.2

