

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD113023\
 Data File : VD077715.D
 Acq On : 30 Nov 2023 19:09
 Operator : JC/SY
 Sample : 04929-10
 Misc : 3.76G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 30 23:02:52 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)

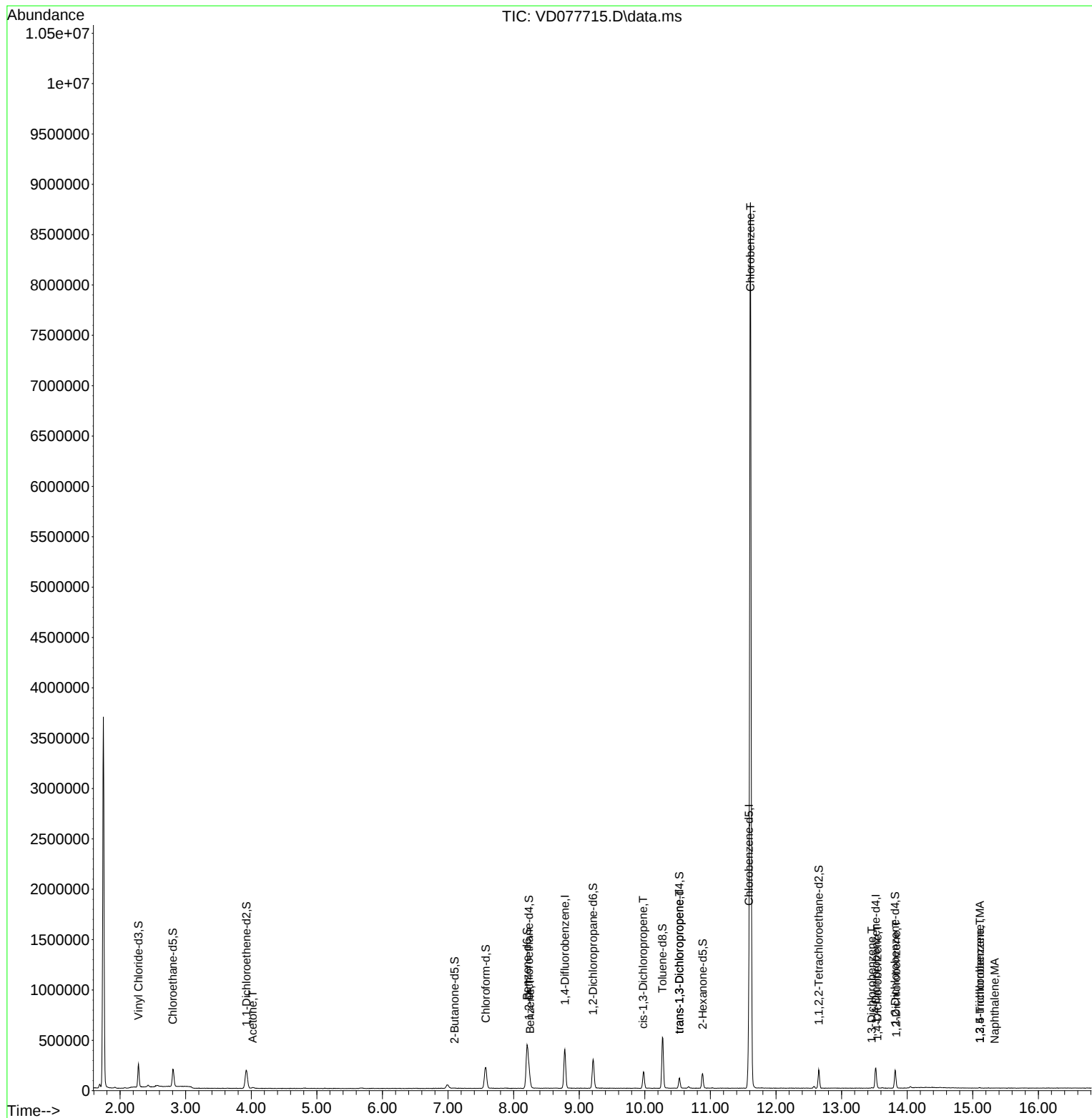
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	337717	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	263435	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	54060	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	207887	22.573	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.280%
7) Chloroethane-d5	2.805	69	183959	25.060	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.240%
11) 1,1-Dichloroethene-d2	3.928	65	53507	22.407	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.640%
21) 2-Butanone-d5	7.099	46	739	0.635	ug/L	0.11
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1.260%#
24) Chloroform-d	7.575	84	223356	24.539	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.160%
26) 1,2-Dichloroethane-d4	8.234	65	124706	27.041	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.160%
32) Benzene-d6	8.205	84	446983	28.173	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.680%
36) 1,2-Dichloropropane-d6	9.210	67	145470	30.050	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.200%#
41) Toluene-d8	10.269	98	350755	24.018	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.080%
43) trans-1,3-Dichloroprop...	10.528	79	57655	26.933	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.720%
47) 2-Hexanone-d5	10.881	63	51968	62.299	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.600%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	88018	25.161	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.640%
66) 1,2-Dichlorobenzene-d4	13.816	152	44586	23.054	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.200%
Target Compounds						Qvalue
13) Acetone	4.022	43	10218	6.852	ug/L	57
33) Benzene	8.252	78	16615	0.969	ug/L	100
39) cis-1,3-Dichloropropene	9.975	75	4069	0.583	ug/L #	40
44) trans-1,3-Dichloropropene	10.528	75	2702	0.463	ug/L #	65
51) Chlorobenzene	11.610	112	4644950	411.316	ug/L	97
64) 1,3-Dichlorobenzene	13.457	146	1202	0.344	ug/L #	86
65) 1,4-Dichlorobenzene	13.546	146	6242	1.724	ug/L	87
67) 1,2-Dichlorobenzene	13.834	146	5455	1.737	ug/L	94
69) 1,3,5-Trichlorobenzene	15.110	180	1644	0.692	ug/L	92
70) 1,2,4-trichlorobenzene	15.110	180	1644	0.815	ug/L	91
71) Naphthalene	15.334	128	1429	0.387	ug/L #	69

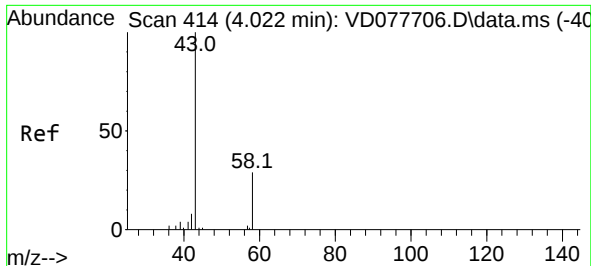
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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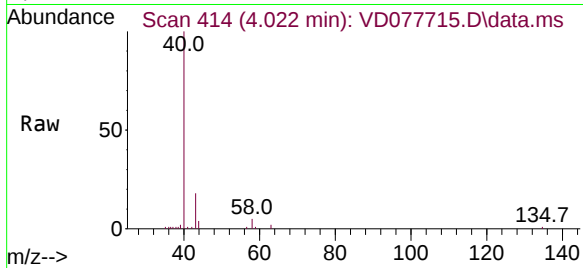
Quant Time: Nov 30 23:02:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Nov 30 23:00:23 2023
Response via : Initial Calibration



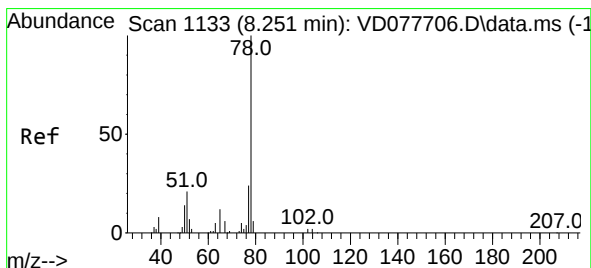
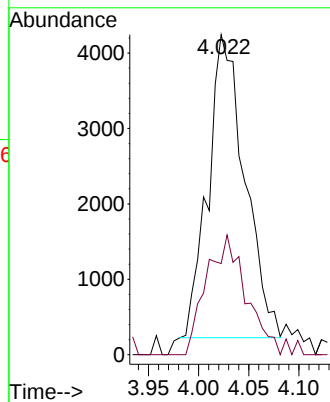
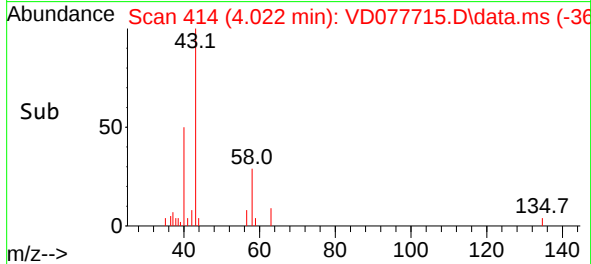


#13
Acetone
Concen: 6.852 ug/L
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077715.D
Acq: 30 Nov 2023 19:09

Instrument :
MSVOA_D
ClientSampleId :

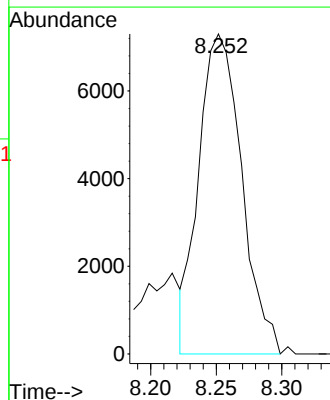
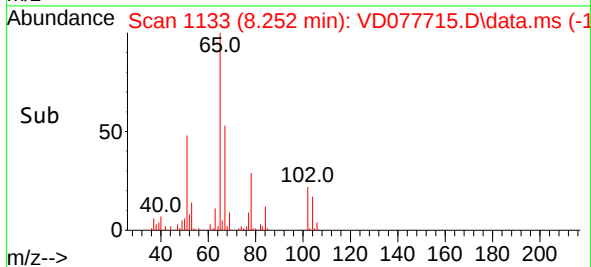
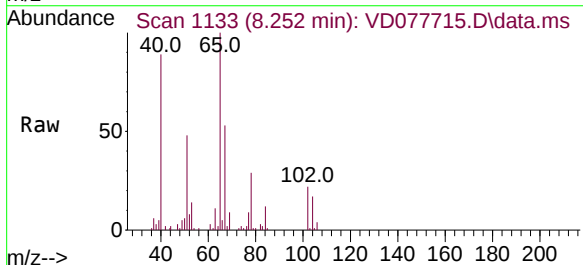


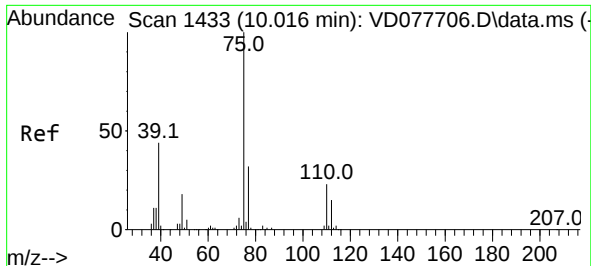
Tgt Ion: 43 Resp: 10218
Ion Ratio Lower Upper
43 100
58 9.1 0.0 67.2



#33
Benzene
Concen: 0.969 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD077715.D
Acq: 30 Nov 2023 19:09

Tgt Ion: 78 Resp: 16615





#39

cis-1,3-Dichloropropene

Concen: 0.583 ug/L

RT: 9.975 min Scan# 1433

Delta R.T. -0.041 min

Lab File: VD077715.D

Acq: 30 Nov 2023 19:09

Instrument :

MSVOA_D

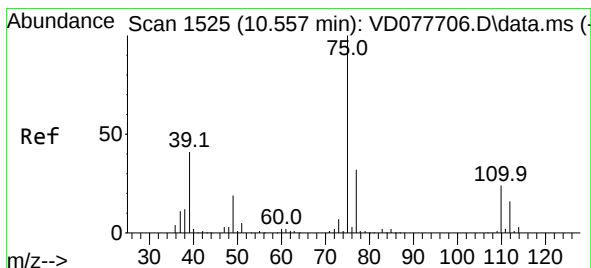
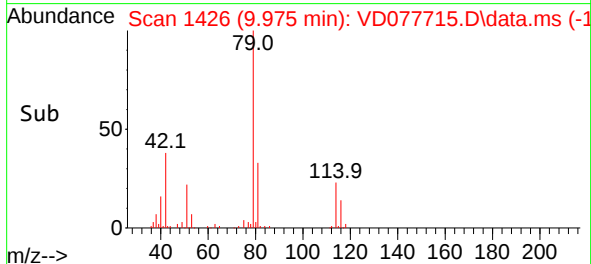
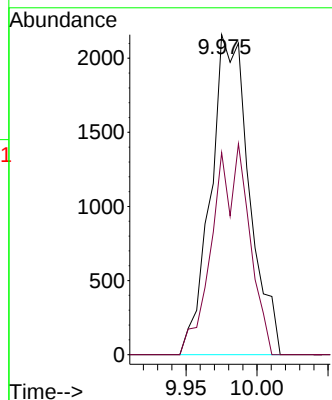
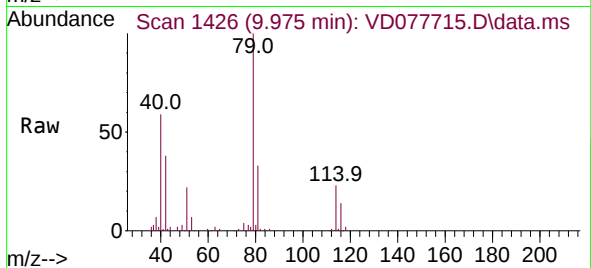
ClientSampleId :

Tgt Ion: 75 Resp: 4069

Ion Ratio Lower Upper

75 100

77 63.1 21.2 39.4#



#44

trans-1,3-Dichloropropene

Concen: 0.463 ug/L

RT: 10.528 min Scan# 1520

Delta R.T. -0.029 min

Lab File: VD077715.D

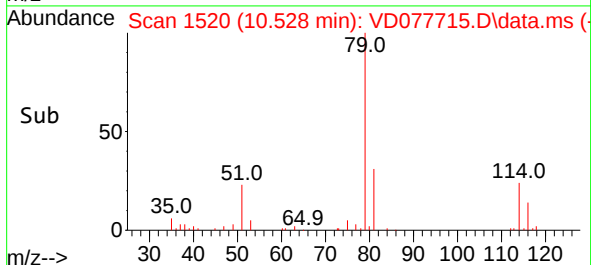
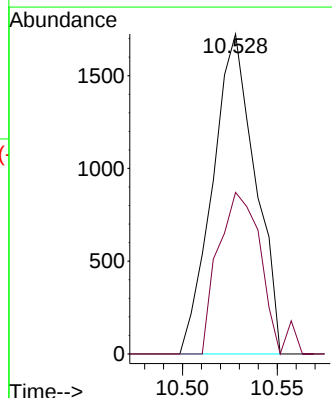
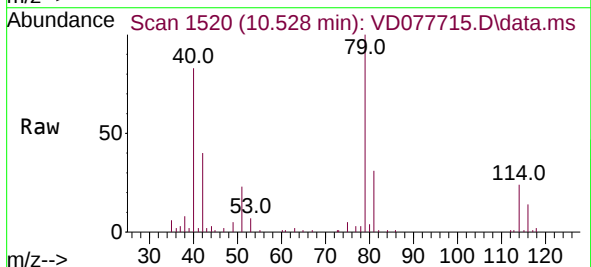
Acq: 30 Nov 2023 19:09

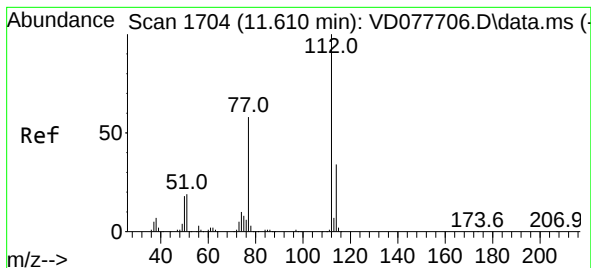
Tgt Ion: 75 Resp: 2702

Ion Ratio Lower Upper

75 100

77 50.5 22.0 40.8#

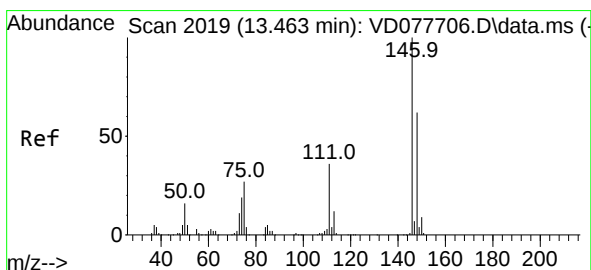
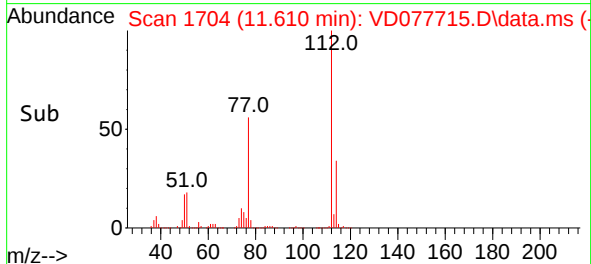
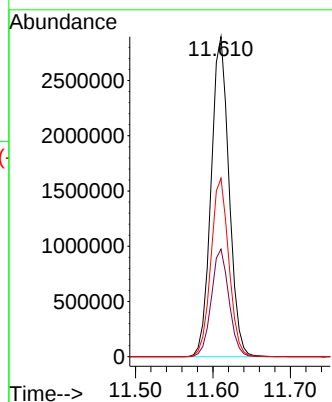
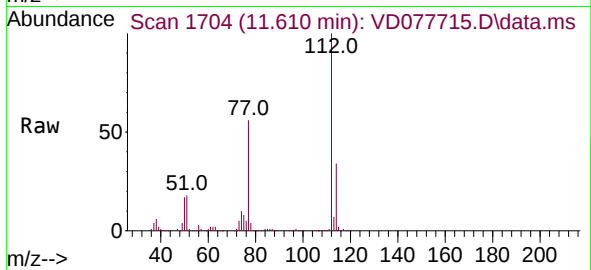




#51
Chlorobenzene
Concen: 411.316 ug/L
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077715.D
Acq: 30 Nov 2023 19:09

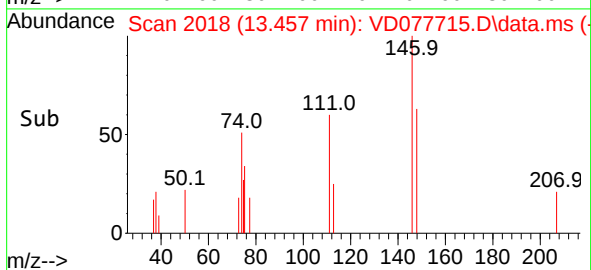
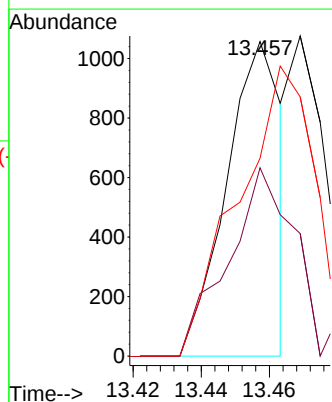
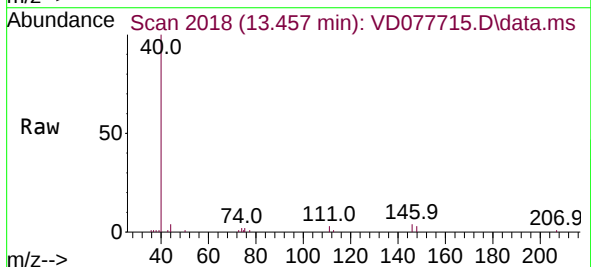
Instrument :
MSVOA_D
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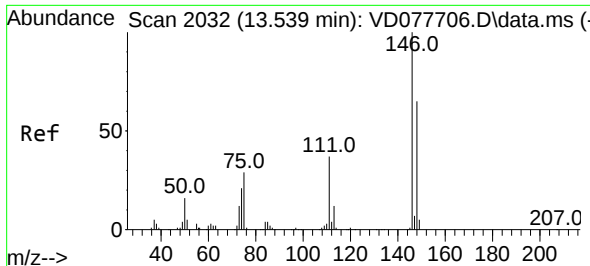
Tgt Ion:112 Resp: 4644950
Ion Ratio Lower Upper
112 100
114 33.6 22.5 41.9
77 55.8 46.4 69.6



#64
1,3-Dichlorobenzene
Concen: 0.344 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD077715.D
Acq: 30 Nov 2023 19:09

Tgt Ion:146 Resp: 1202
Ion Ratio Lower Upper
146 100
111 59.9 26.6 49.4#
148 62.9 44.0 81.6

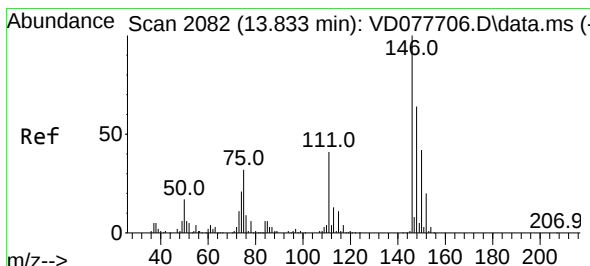
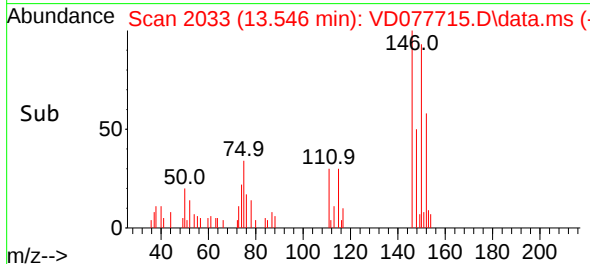
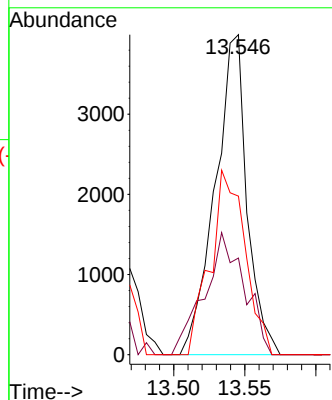
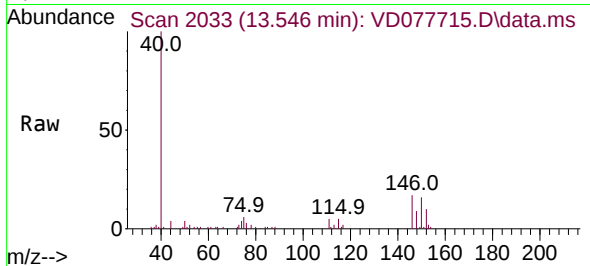




#65
1,4-Dichlorobenzene
Concen: 1.724 ug/L
RT: 13.546 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD077715.D
Acq: 30 Nov 2023 19:09

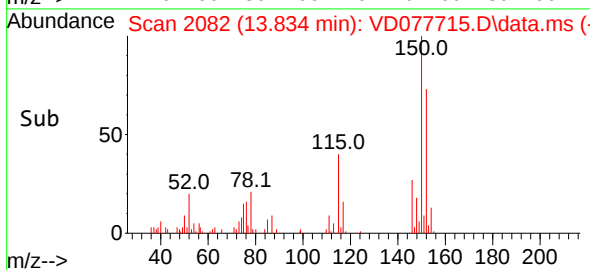
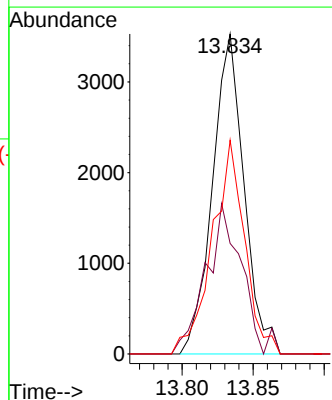
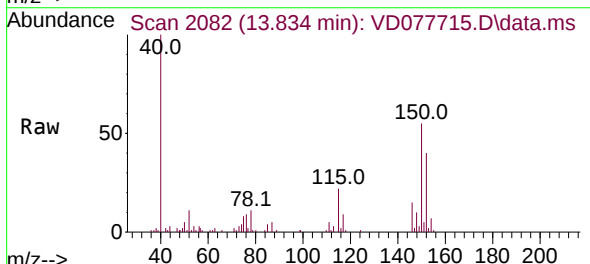
Instrument :
MSVOA_D
ClientSampleId :

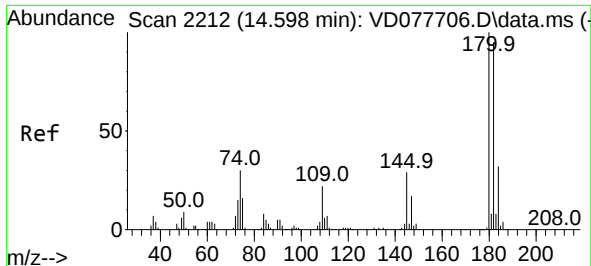
Tgt Ion:146 Resp: 6242
Ion Ratio Lower Upper
146 100
111 34.2 26.4 49.0
148 49.5 44.0 81.8



#67
1,2-Dichlorobenzene
Concen: 1.737 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077715.D
Acq: 30 Nov 2023 19:09

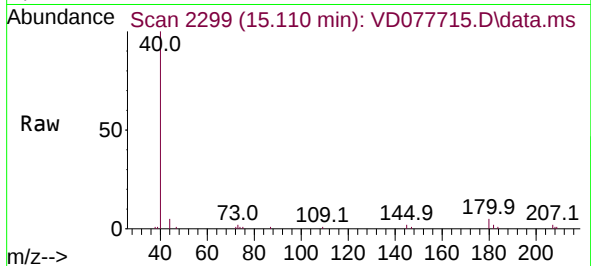
Tgt Ion:146 Resp: 5455
Ion Ratio Lower Upper
146 100
111 34.6 31.4 47.2
148 66.8 50.2 75.2



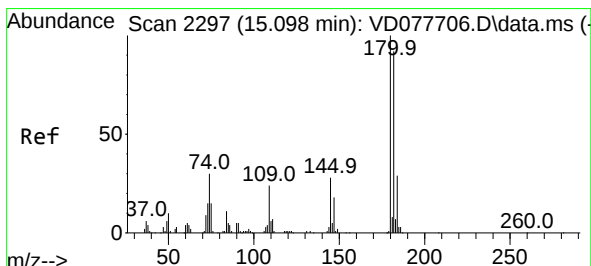
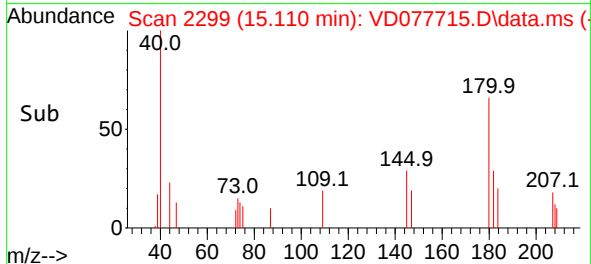
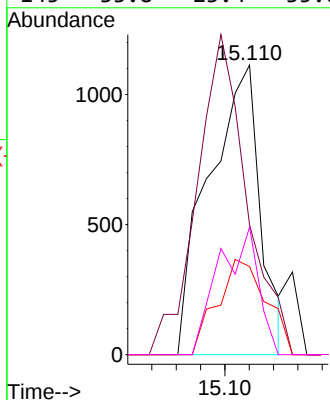


#69
 1,3,5-Trichlorobenzene
 Concen: 0.692 ug/L
 RT: 15.110 min Scan# 2110
 Delta R.T. 0.512 min
 Lab File: VD077715.D
 Acq: 30 Nov 2023 19:09

Instrument :
 MSVOA_D
 ClientSampleId :

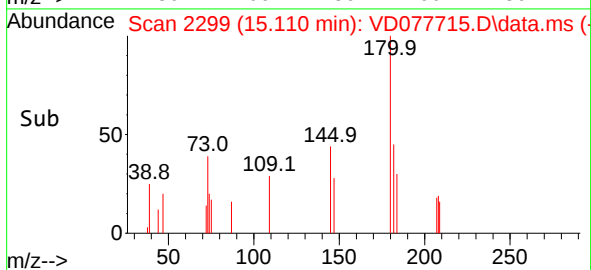
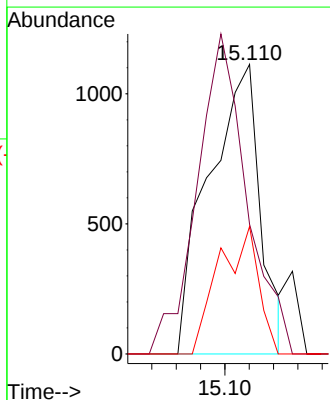
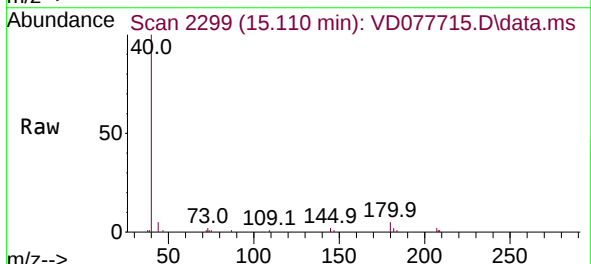


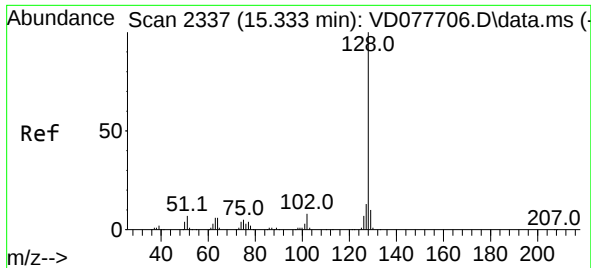
Tgt Ion:180 Resp: 1644
 Ion Ratio Lower Upper
 180 100
 182 106.0 77.0 115.4
 184 31.2 24.3 36.5
 145 33.8 23.4 35.0



#70
 1,2,4-trichlorobenzene
 Concen: 0.815 ug/L
 RT: 15.110 min Scan# 2299
 Delta R.T. 0.012 min
 Lab File: VD077715.D
 Acq: 30 Nov 2023 19:09

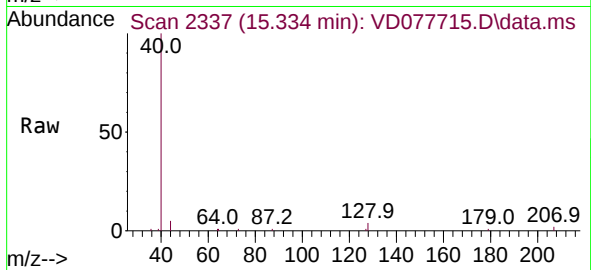
Tgt Ion:180 Resp: 1644
 Ion Ratio Lower Upper
 180 100
 182 106.0 77.0 115.6
 145 33.8 23.9 35.9





#71
Naphthalene
Concen: 0.387 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077715.D
Acq: 30 Nov 2023 19:09

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 1429
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

