

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD113023\
 Data File : VD077714.D
 Acq On : 30 Nov 2023 18:42
 Operator : JC/SY
 Sample : 04929-09
 Misc : 1.98G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

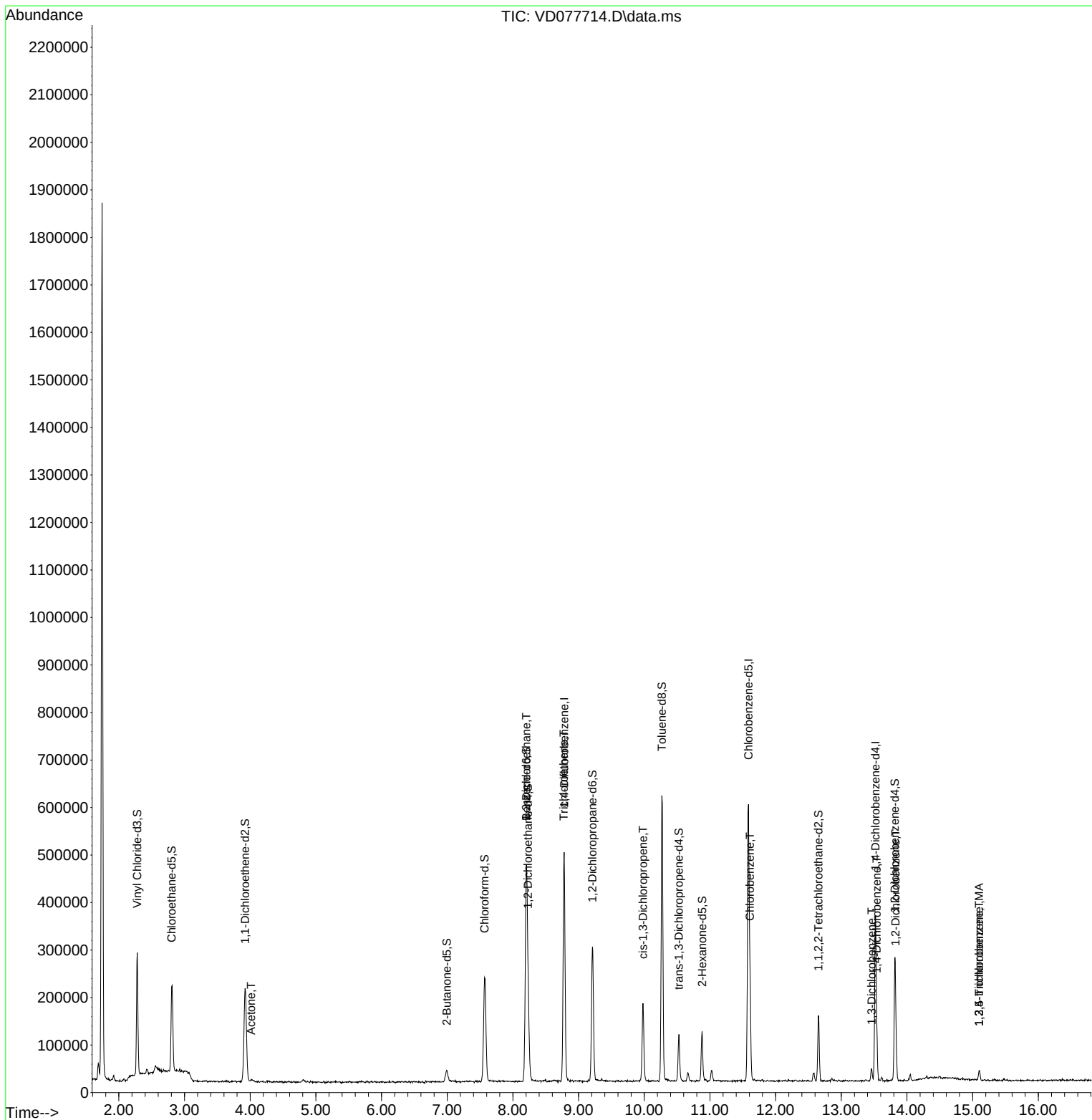
Quant Time: Nov 30 23:02:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 30 23:00:23 2023
 Response via : Initial Calibration

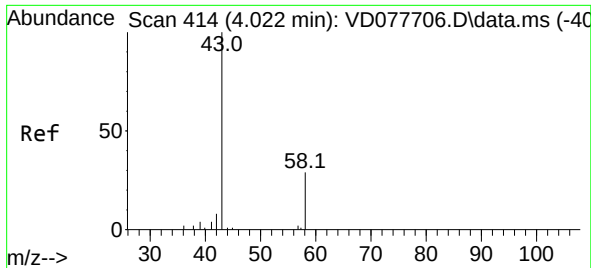
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	416346	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	323571	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	89351	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	238508	21.007	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.040%
7) Chloroethane-d5	2.805	69	195955	21.653	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	3.922	65	59134	20.087	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.360%
21) 2-Butanone-d5	6.993	46	42353	29.515	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.020%
24) Chloroform-d	7.569	84	232452	20.715	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.880%
26) 1,2-Dichloroethane-d4	8.228	65	111745	19.655	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.600%
32) Benzene-d6	8.204	84	490575	25.174	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.680%
36) 1,2-Dichloropropane-d6	9.210	67	146036	24.561	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.240%
41) Toluene-d8	10.269	98	410693	22.896	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	10.528	79	55495	21.106	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.440%
47) 2-Hexanone-d5	10.881	63	35227	34.381	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.760%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	69431	16.159	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	64.640%
66) 1,2-Dichlorobenzene-d4	13.816	152	61879	19.359	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.440%
Target Compounds						Qvalue
13) Acetone	4.016	43	4182	2.275	ug/L	96
27) 1,2-Dichloroethane	8.204	62	2959	0.432	ug/L #	72
34) Trichloroethene	8.775	95	12514	2.394	ug/L #	5
39) cis-1,3-Dichloropropene	9.981	75	4644	0.542	ug/L #	45
51) Chlorobenzene	11.610	112	109975	7.929	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	10871	1.885	ug/L	96
65) 1,4-Dichlorobenzene	13.539	146	28375	4.741	ug/L	93
67) 1,2-Dichlorobenzene	13.828	146	20778	4.004	ug/L	92
69) 1,3,5-Trichlorobenzene	15.098	180	6901	1.757	ug/L #	92
70) 1,2,4-trichlorobenzene	15.098	180	6901	2.070	ug/L #	91

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

Quant Time: Nov 30 23:02:37 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: 2.275 ug/L

RT: 4.016 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD077714.D

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Instrument :

MSVOA_D

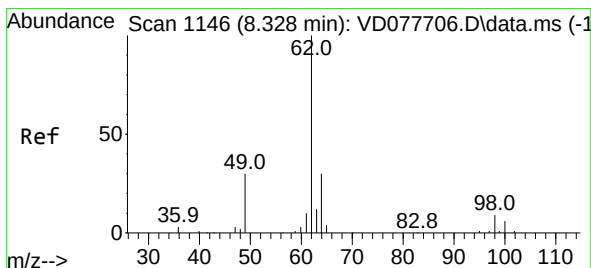
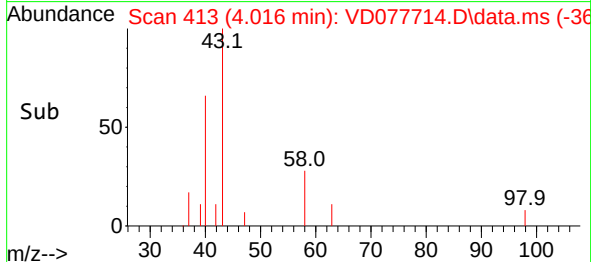
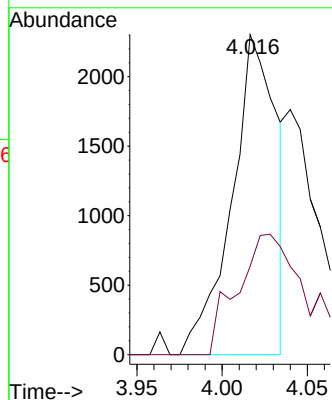
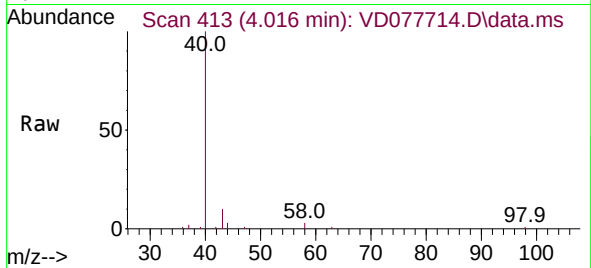
ClientSampleId :

Tgt Ion: 43 Resp: 4182

Ion Ratio Lower Upper

43 100

58 31.3 0.0 67.2



#27

1,2-Dichloroethane

Concen: 0.432 ug/L

RT: 8.204 min Scan# 1125

Delta R.T. -0.123 min

Lab File: VD077714.D

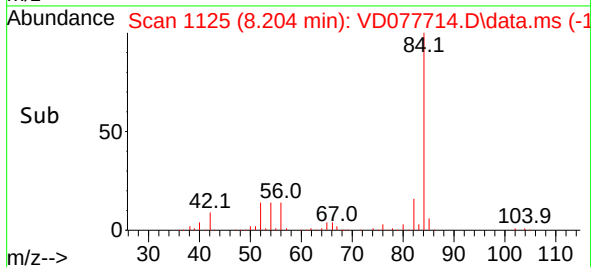
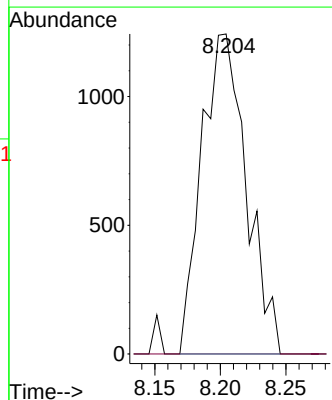
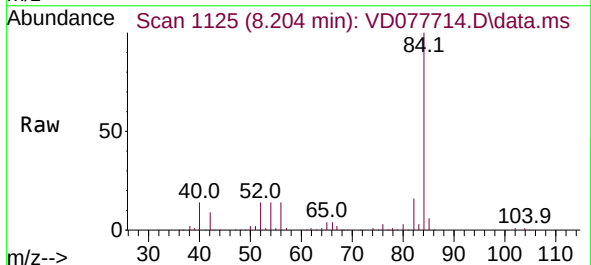
Acq: 30 Nov 2023 18:42

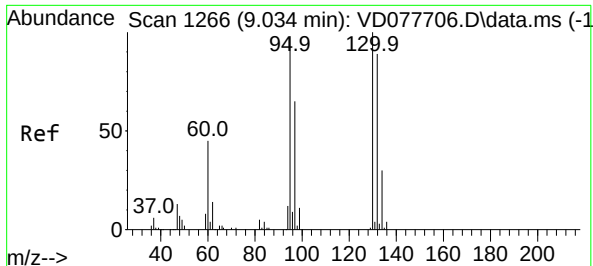
Tgt Ion: 62 Resp: 2959

Ion Ratio Lower Upper

62 100

98 0.0 8.4 12.6#





#34

Trichloroethene

Concen: 2.394 ug/L

RT: 8.775 min Scan# 11

Delta R.T. -0.259 min

Lab File: VD077714.D

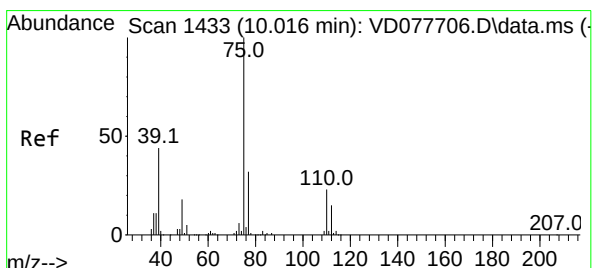
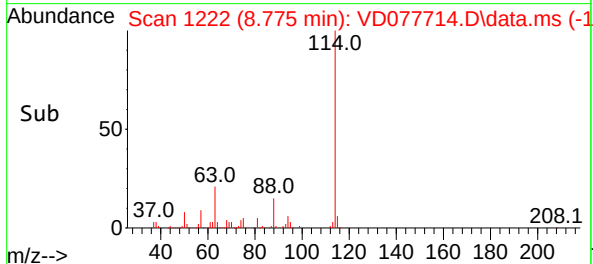
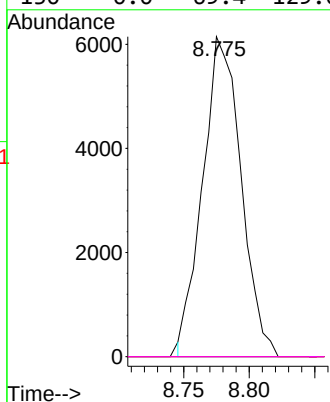
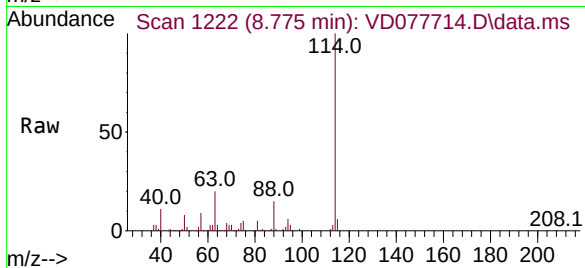
Acq: 30 Nov 2023 18:42

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	95	Resp:	12514
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#



#39

cis-1,3-Dichloropropene

Concen: 0.542 ug/L

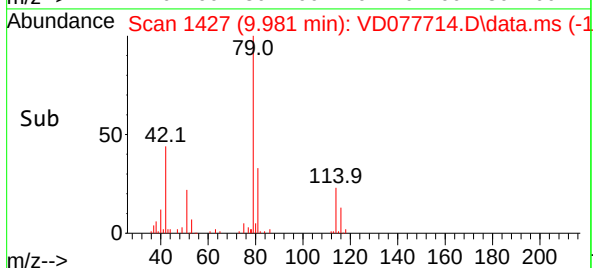
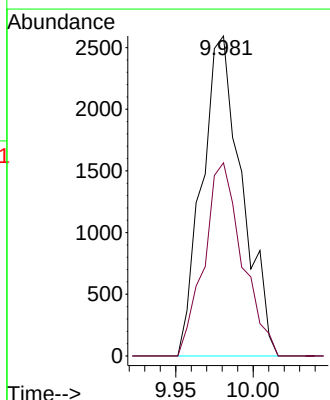
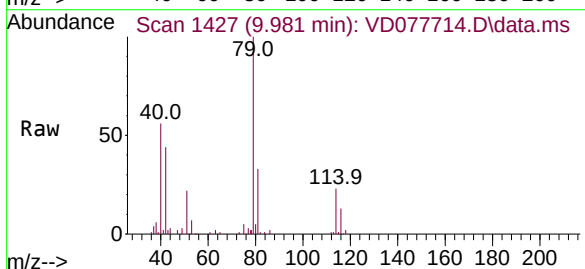
RT: 9.981 min Scan# 1427

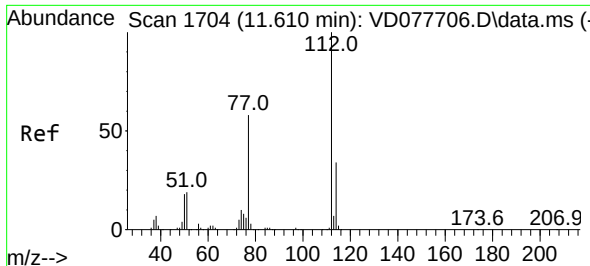
Delta R.T. -0.035 min

Lab File: VD077714.D

Acq: 30 Nov 2023 18:42

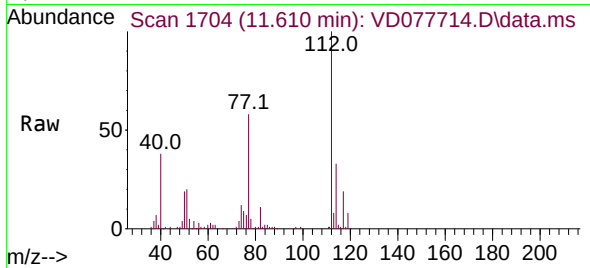
Tgt Ion:	75	Resp:	4644
Ion	Ratio	Lower	Upper
75	100		
77	60.4	21.2	39.4#



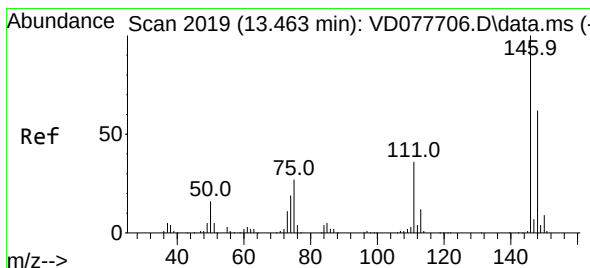
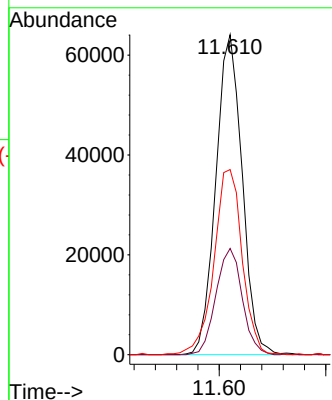
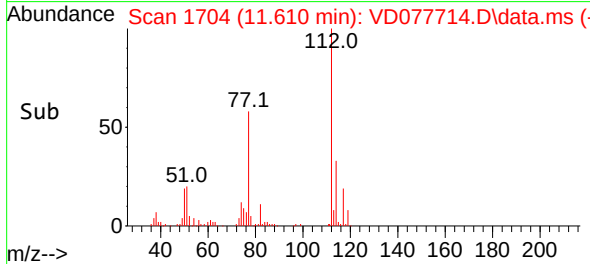


#51
Chlorobenzene
Concen: 7.929 ug/L
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077714.D
Acq: 30 Nov 2023 18:42

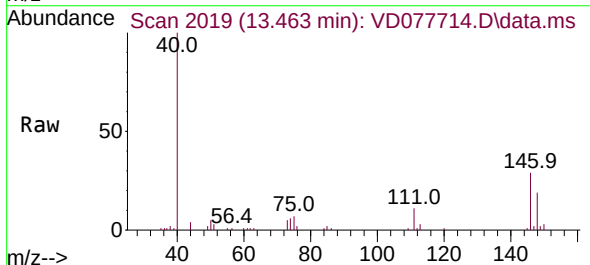
Instrument :
MSVOA_D
ClientSampleId :



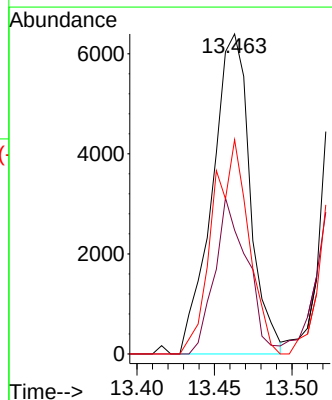
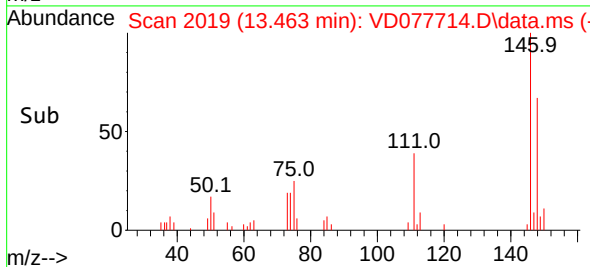
Tgt Ion:112 Resp: 109975
Ion Ratio Lower Upper
112 100
114 33.2 22.5 41.9
77 57.9 46.4 69.6

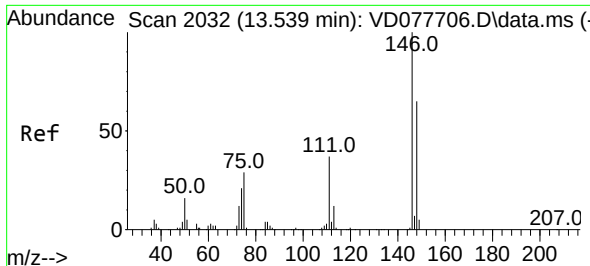


#64
1,3-Dichlorobenzene
Concen: 1.885 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD077714.D
Acq: 30 Nov 2023 18:42



Tgt Ion:146 Resp: 10871
Ion Ratio Lower Upper
146 100
111 38.7 26.6 49.4
148 67.0 44.0 81.6

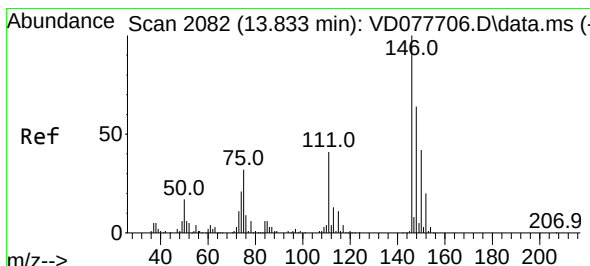
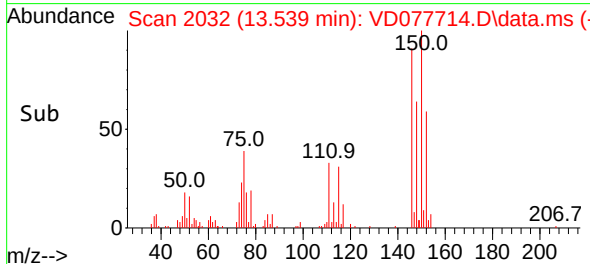
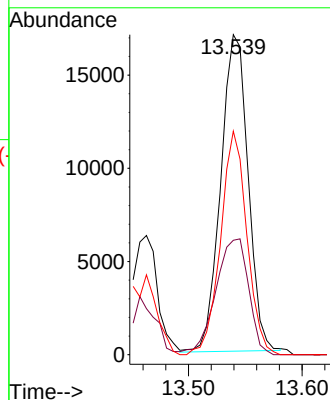
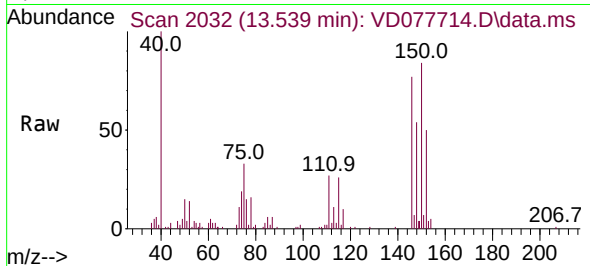




#65
1,4-Dichlorobenzene
Concen: 4.741 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077714.D
Acq: 30 Nov 2023 18:42

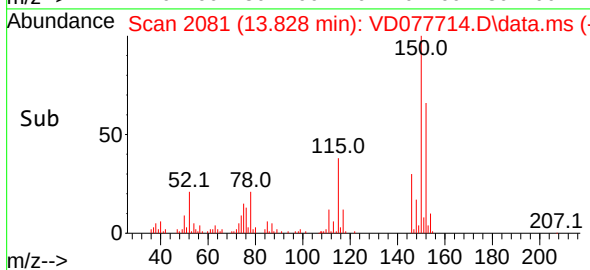
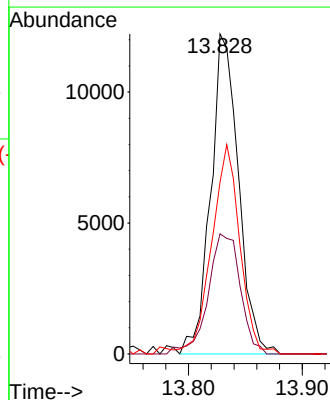
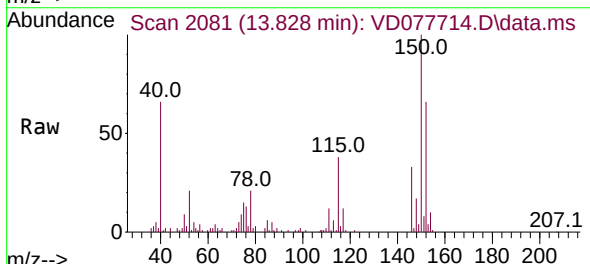
Instrument :
MSVOA_D
ClientSampleId :

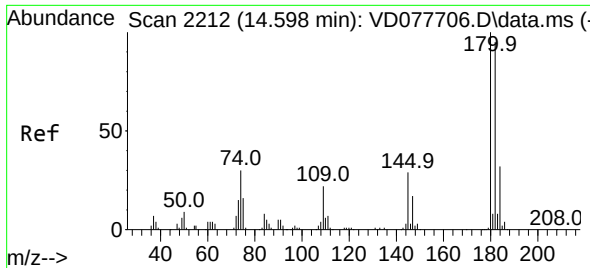
Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	26.4	49.0
148	69.9	44.0	81.8



#67
1,2-Dichlorobenzene
Concen: 4.004 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD077714.D
Acq: 30 Nov 2023 18:42

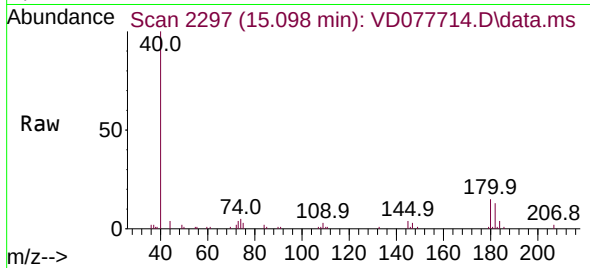
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	31.4	47.2
148	53.7	50.2	75.2



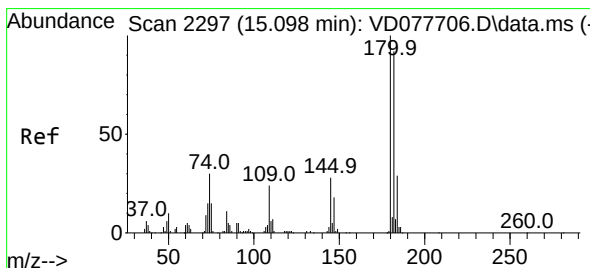
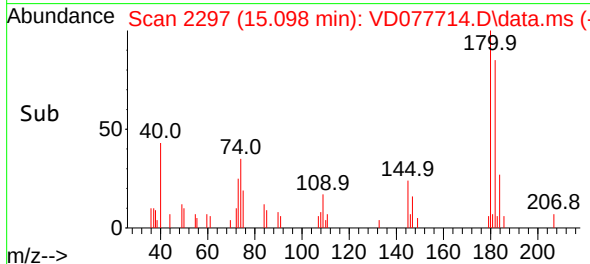
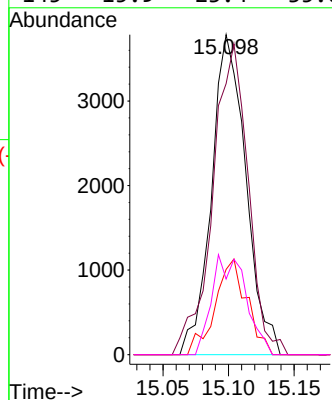


#69
 1,3,5-Trichlorobenzene
 Concen: 1.757 ug/L
 RT: 15.098 min Scan# 21
 Delta R.T. 0.500 min
 Lab File: VD077714.D
 Acq: 30 Nov 2023 18:42

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:180 Resp: 6901
 Ion Ratio Lower Upper
 180 100
 182 99.4 77.0 115.4
 184 25.4 24.3 36.5
 145 15.9 23.4 35.0#



#70
 1,2,4-trichlorobenzene
 Concen: 2.070 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD077714.D
 Acq: 30 Nov 2023 18:42

Tgt Ion:180 Resp: 6901
 Ion Ratio Lower Upper
 180 100
 182 99.4 77.0 115.6
 145 15.9 23.9 35.9#

