

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120623\
 Data File : VD077760.D
 Acq On : 06 Dec 2023 14:35
 Operator : JC/SY
 Sample : 05646-04
 Misc : 2.25G/10ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 07 00:32:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 06 00:24:24 2023
 Response via : Initial Calibration

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

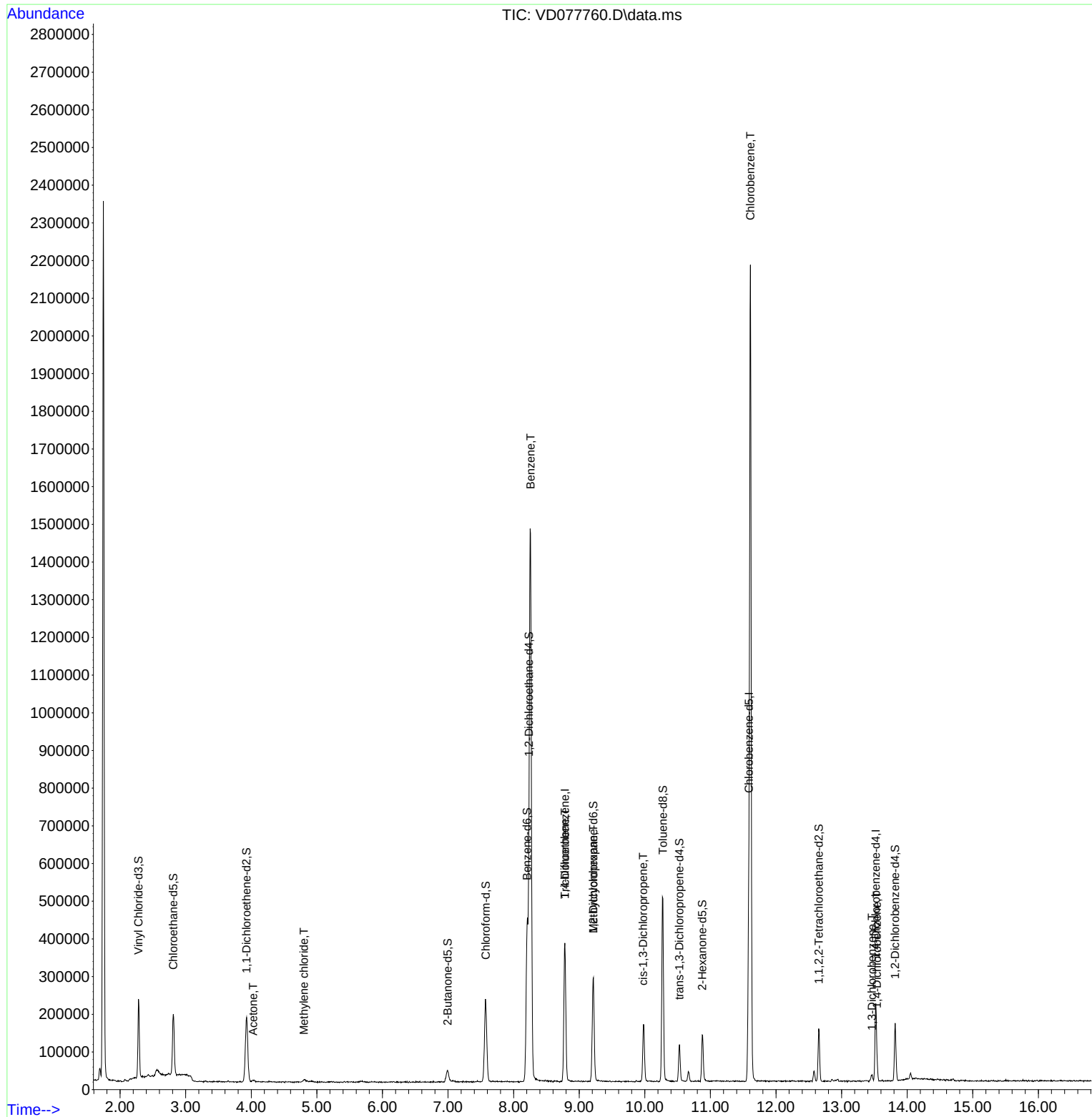
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	332822	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	233642	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	53909	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	192867	21.250	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.000%
7) Chloroethane-d5	2.811	69	169939	23.491	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.960%
11) 1,1-Dichloroethene-d2	3.928	65	50291	21.370	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.480%
21) 2-Butanone-d5	6.993	46	54064	47.131	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.260%
24) Chloroform-d	7.575	84	221039	24.642	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.560%
26) 1,2-Dichloroethane-d4	8.234	65	123077	27.081	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.320%
32) Benzene-d6	8.205	84	447408	31.795	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	127.200%
36) 1,2-Dichloropropane-d6	9.216	67	139513	32.495	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	129.960%#
41) Toluene-d8	10.275	98	340711	26.306	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.240%
43) trans-1,3-Dichloroprop...	10.528	79	56169	29.585	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	118.320%
47) 2-Hexanone-d5	10.875	63	45983	62.153	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.300%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	70926	22.861	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.440%
66) 1,2-Dichlorobenzene-d4	13.816	152	39772	20.623	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.480%
Target Compounds					Qvalue	
13) Acetone	4.028	43	6481	4.410	ug/L	67
16) Methylene chloride	4.805	84	5543	0.938	ug/L	78
33) Benzene	8.258	78	1501991	98.767	ug/L	100
34) Trichloroethene	8.781	95	9737	2.579	ug/L #	5
35) Methylcyclohexane	9.216	83	31647	4.722	ug/L #	19
39) cis-1,3-Dichloropropene	9.975	75	4332	0.700	ug/L #	52
51) Chlorobenzene	11.610	112	1200966	119.908	ug/L	97
64) 1,3-Dichlorobenzene	13.463	146	7495	2.154	ug/L	90
65) 1,4-Dichlorobenzene	13.540	146	13496	3.738	ug/L	98

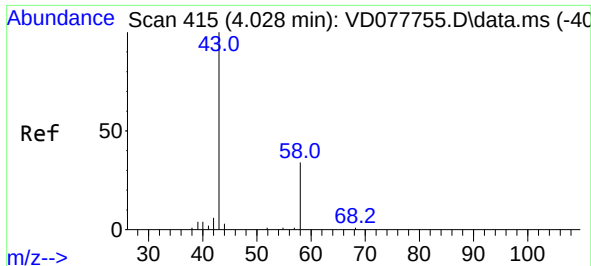
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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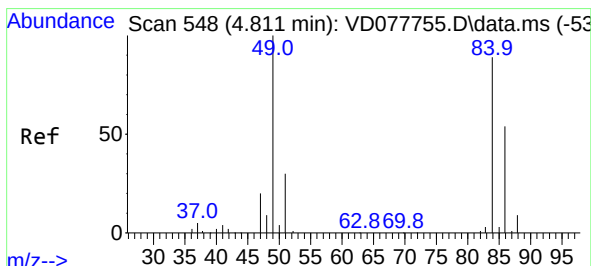
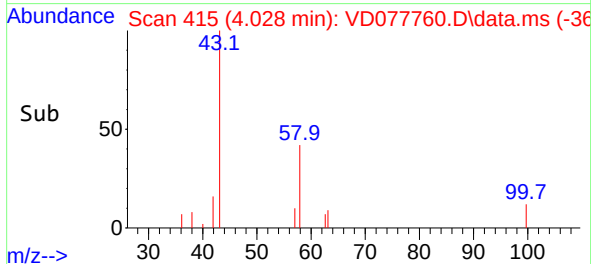
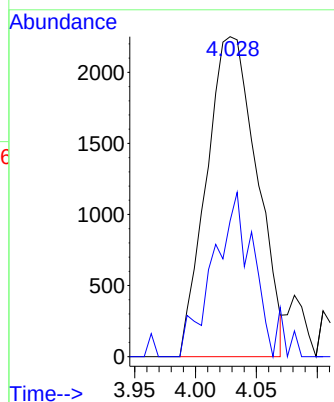
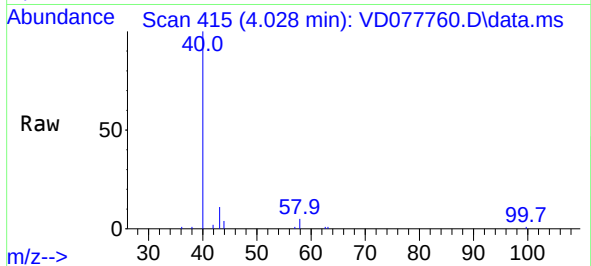




#13
Acetone
Concen: 4.410 ug/L
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD077760.D
Acq: 06 Dec 2023 14:35

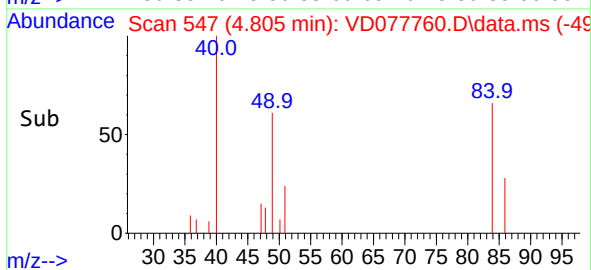
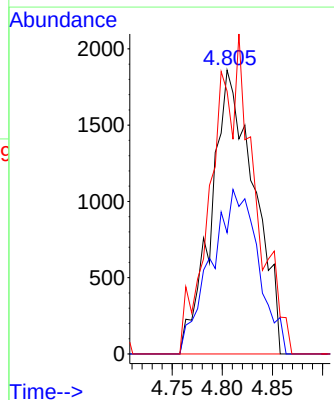
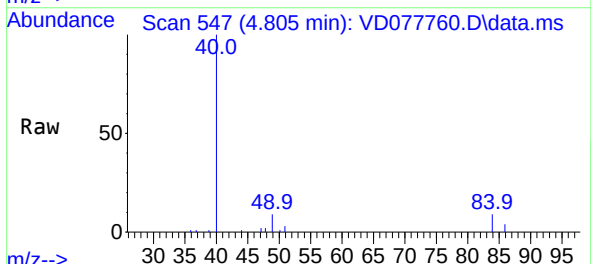
Instrument :
MSVOA_D
ClientSampleId :

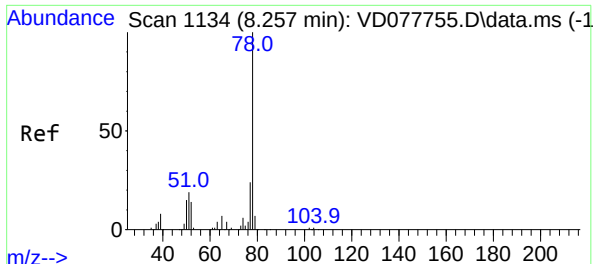
Tgt Ion: 43 Resp: 6481
Ion Ratio Lower Upper
43 100
58 14.9 0.0 67.2



#16
Methylene chloride
Concen: 0.938 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD077760.D
Acq: 06 Dec 2023 14:35

Tgt Ion: 84 Resp: 5543
Ion Ratio Lower Upper
84 100
86 42.7 40.1 74.5
49 92.6 83.2 154.6

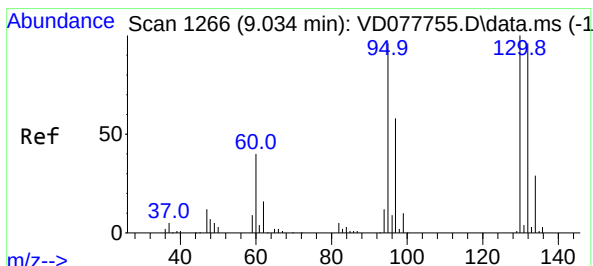
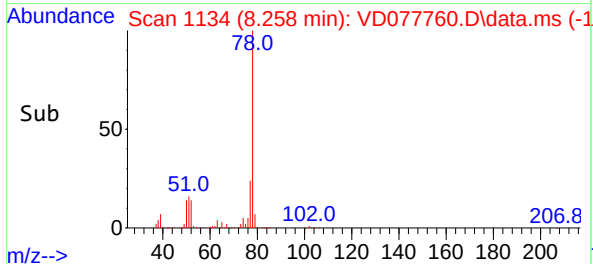
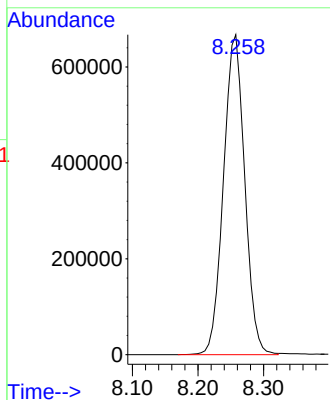
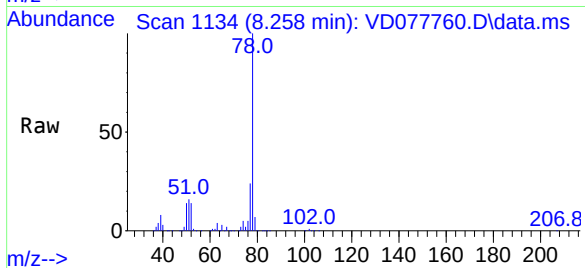




#33
Benzene
Concen: 98.767 ug/L
RT: 8.258 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VD077760.D
Acq: 06 Dec 2023 14:35

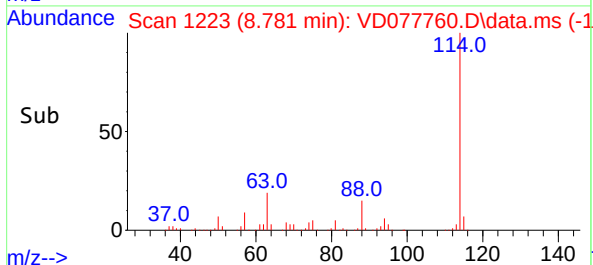
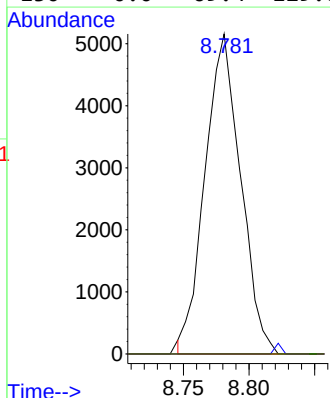
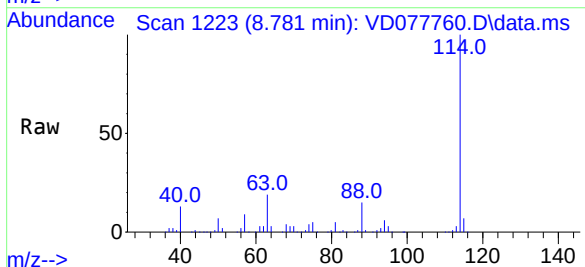
Instrument :
MSVOA_D
ClientSampleId :

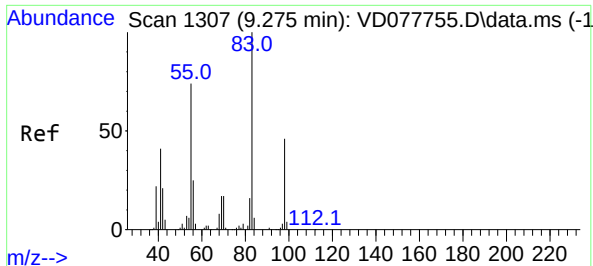
Tgt Ion: 78 Resp: 1501991



#34
Trichloroethene
Concen: 2.579 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.253 min
Lab File: VD077760.D
Acq: 06 Dec 2023 14:35

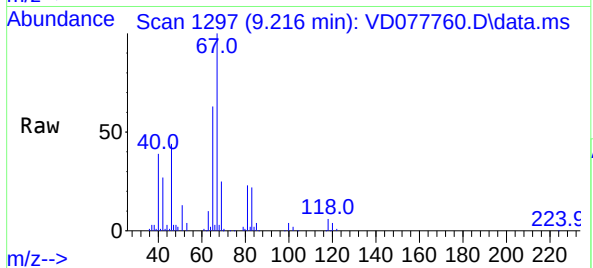
Tgt Ion: 95 Resp: 9737
Ion Ratio Lower Upper
95 100
97 0.0 44.2 82.0#
132 0.0 67.5 125.3#
130 0.0 69.4 129.0#



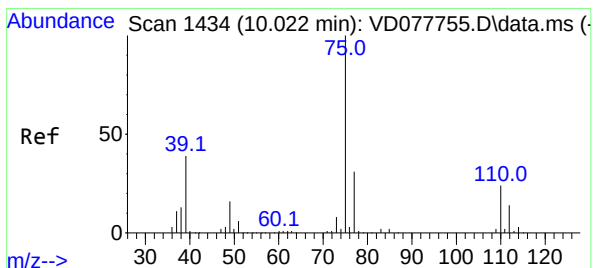
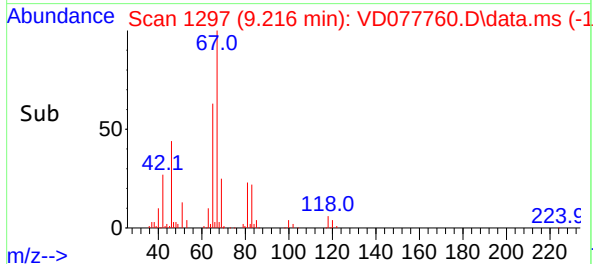
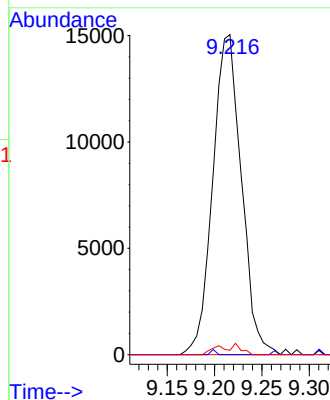


#35
Methylcyclohexane
Concen: 4.722 ug/L
RT: 9.216 min Scan# 11
Delta R.T. -0.059 min
Lab File: VD077760.D
Acq: 06 Dec 2023 14:35

Instrument :
MSVOA_D
ClientSampleId :

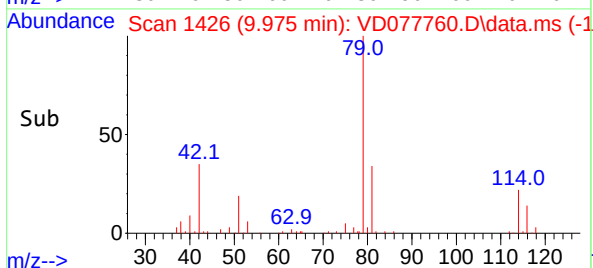
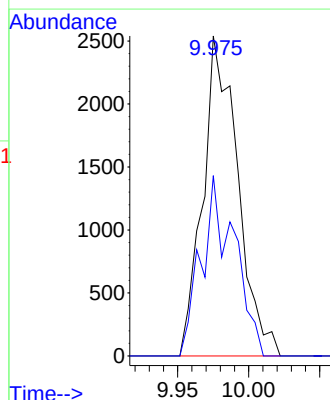
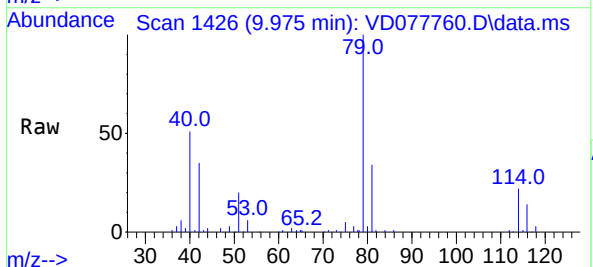


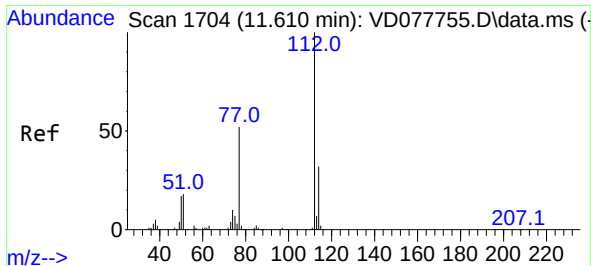
Tgt Ion: 83 Resp: 31647
Ion Ratio Lower Upper
83 100
55 0.0 59.8 89.6#
98 1.0 38.5 57.7#



#39
cis-1,3-Dichloropropene
Concen: 0.700 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.047 min
Lab File: VD077760.D
Acq: 06 Dec 2023 14:35

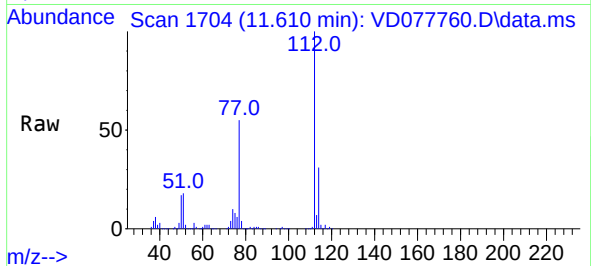
Tgt Ion: 75 Resp: 4332
Ion Ratio Lower Upper
75 100
77 56.4 21.2 39.4#





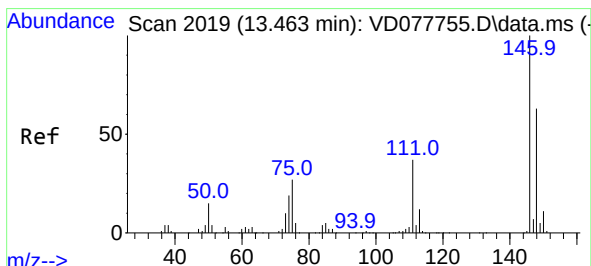
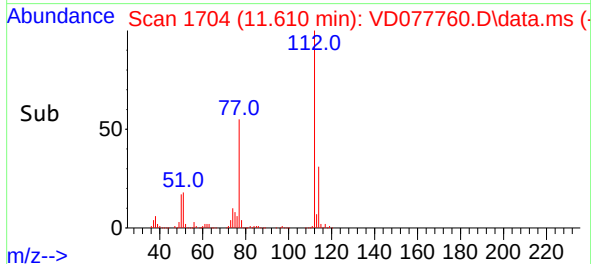
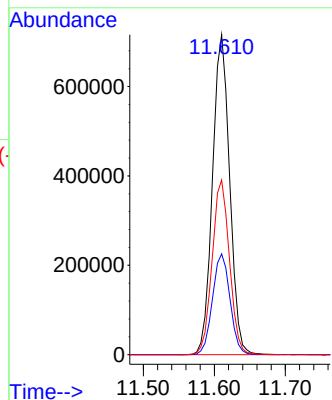
#51
Chlorobenzene
Concen: 119.908 ug/L
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077760.D
Acq: 06 Dec 2023 14:35

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:112 Resp: 1200966

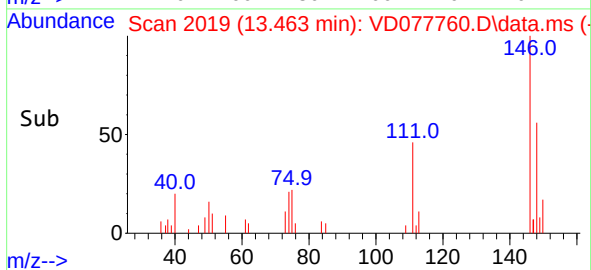
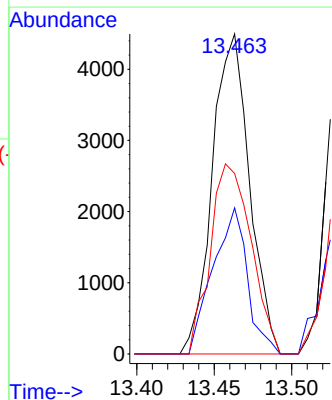
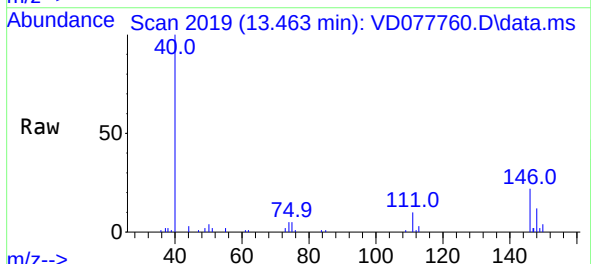
Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.5	41.9
77	54.6	46.4	69.6

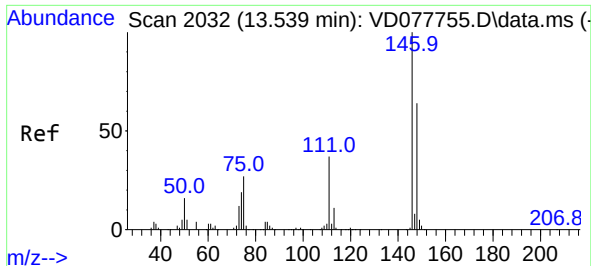


#64
1,3-Dichlorobenzene
Concen: 2.154 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD077760.D
Acq: 06 Dec 2023 14:35

Tgt Ion:146 Resp: 7495

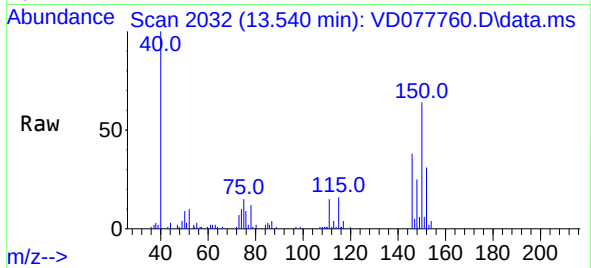
Ion	Ratio	Lower	Upper
146	100		
111	45.7	26.6	49.4
148	56.4	44.0	81.6





#65
 1,4-Dichlorobenzene
 Concen: 3.738 ug/L
 RT: 13.540 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD077760.D
 Acq: 06 Dec 2023 14:35

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	146	Resp:	13496
Ion	Ratio	Lower	Upper
146	100		
111	38.3	26.4	49.0
148	65.2	44.0	81.8

