

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120423\
 Data File : VD077741.D
 Acq On : 04 Dec 2023 14:05
 Operator : JC/SY
 Sample : VIBLK
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 05 00:06:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 05 00:04:05 2023
 Response via : Initial Calibration

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

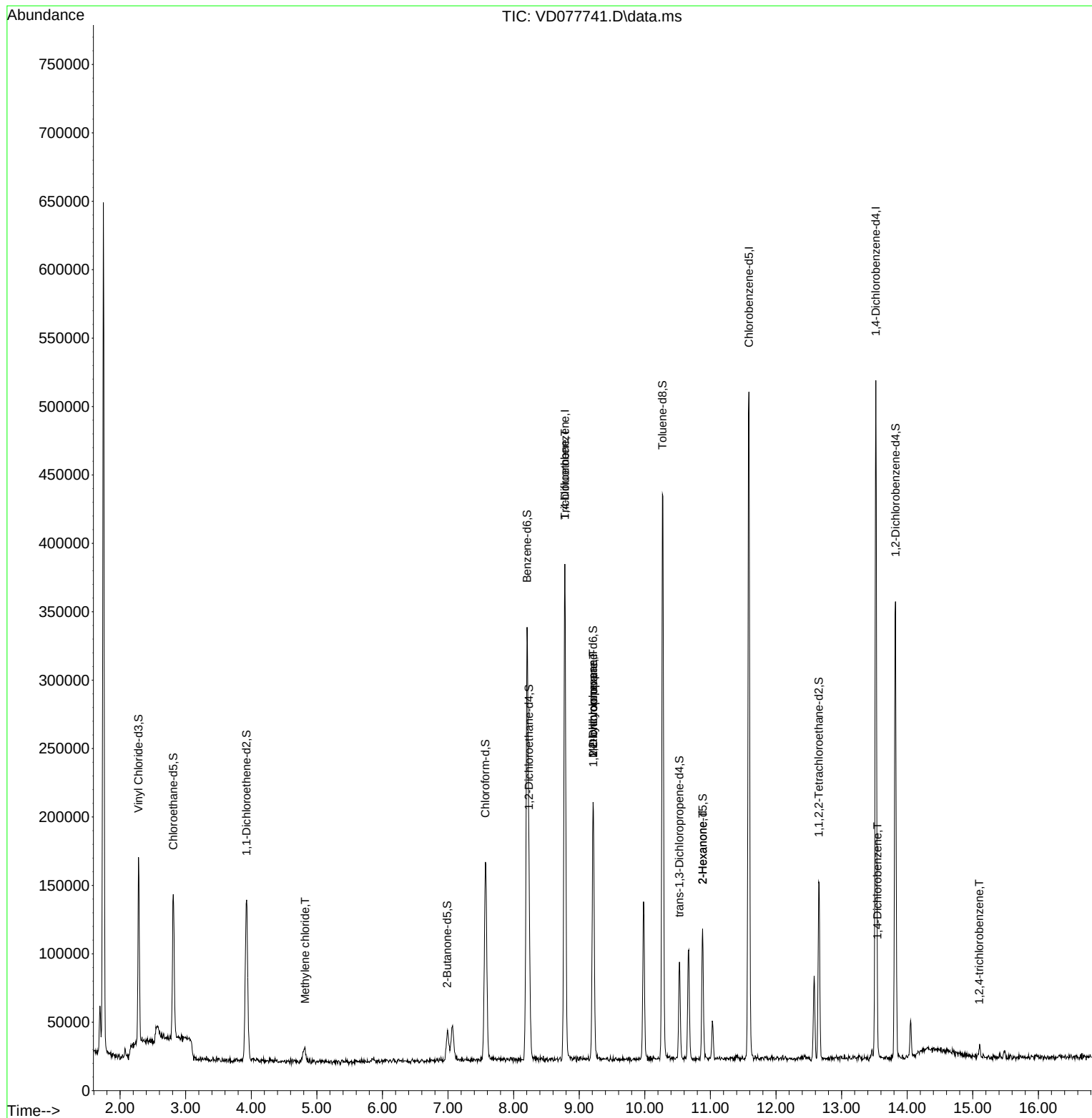
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	318847	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	288415	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	132003	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	125603	14.445	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.800%
7) Chloroethane-d5	2.811	69	112555	16.240	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.960%
11) 1,1-Dichloroethene-d2	3.928	65	34798	15.435	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.720%
21) 2-Butanone-d5	6.987	46	38711	35.226	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.460%
24) Chloroform-d	7.569	84	152729	17.773	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.080%
26) 1,2-Dichloroethane-d4	8.234	65	78418	18.010	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.040%
32) Benzene-d6	8.204	84	322592	18.572	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.280%
36) 1,2-Dichloropropane-d6	9.210	67	96678	18.241	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	72.960%
41) Toluene-d8	10.269	98	292656	18.304	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	10.528	79	40673	17.354	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.400%
47) 2-Hexanone-d5	10.881	63	35640	39.024	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.040%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	70397	18.381	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.520%
66) 1,2-Dichlorobenzene-d4	13.822	152	90575	19.180	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.720%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.822	84	8083	1.428	ug/L	80
34) Trichloroethene	8.781	95	9230	1.981	ug/L #	5
35) Methylcyclohexane	9.210	83	22805	2.757	ug/L #	19
37) 1,2-Dichloropropane	9.216	63	10957	2.239	ug/L #	87
48) 2-Hexanone	10.881	43	4127	1.798	ug/L #	69
65) 1,4-Dichlorobenzene	13.545	146	5832	0.660	ug/L	81
70) 1,2,4-trichlorobenzene	15.098	180	2620	0.532	ug/L	91

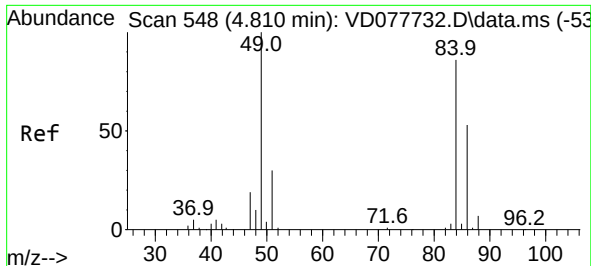
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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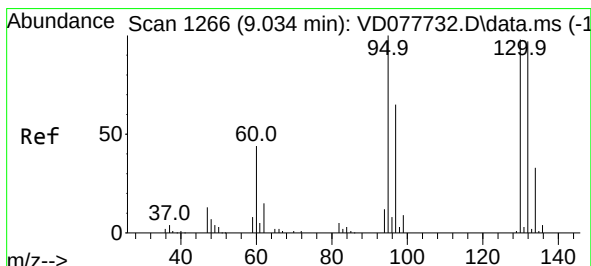
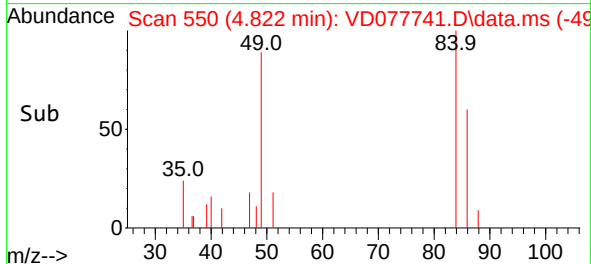
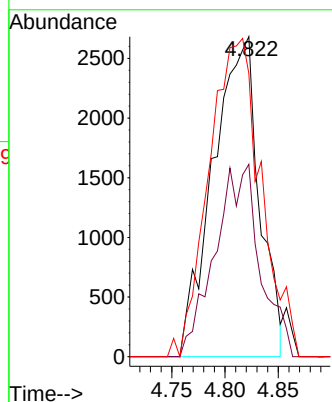
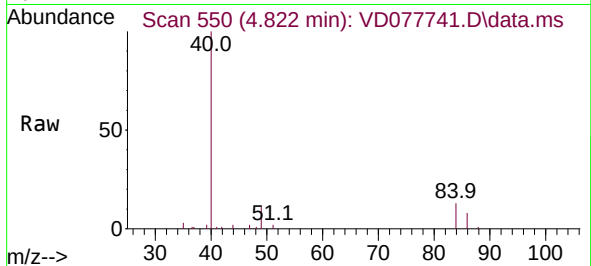




#16
Methylene chloride
Concen: 1.428 ug/L
RT: 4.822 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD077741.D
Acq: 04 Dec 2023 14:05

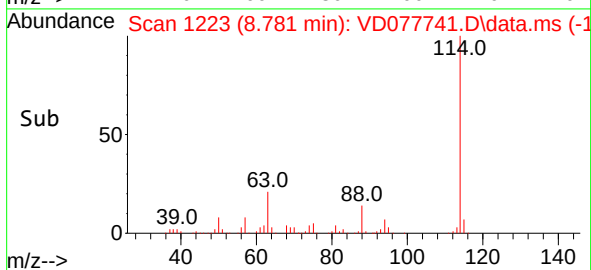
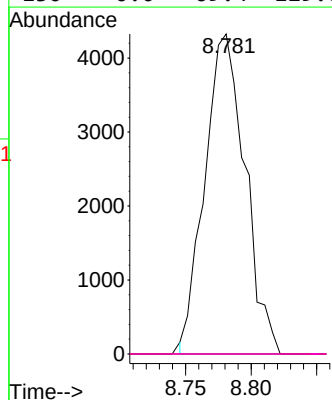
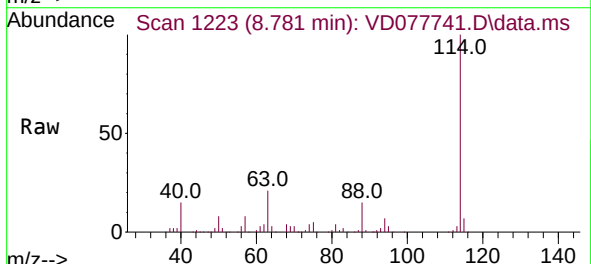
Instrument :
MSVOA_D
ClientSampleId :

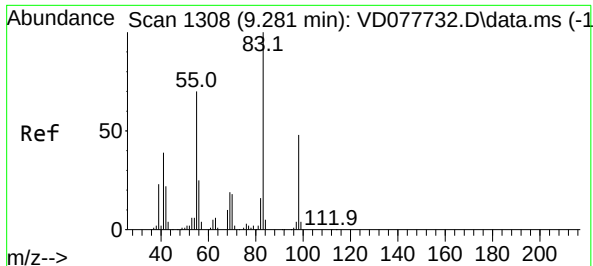
Tgt Ion: 84 Resp: 8083
Ion Ratio Lower Upper
84 100
86 60.1 40.1 74.5
49 88.5 83.2 154.6



#34
Trichloroethene
Concen: 1.981 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.253 min
Lab File: VD077741.D
Acq: 04 Dec 2023 14:05

Tgt Ion: 95 Resp: 9230
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#

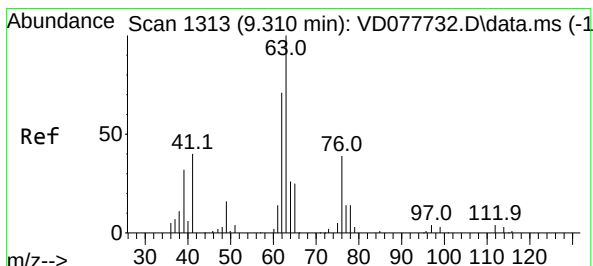
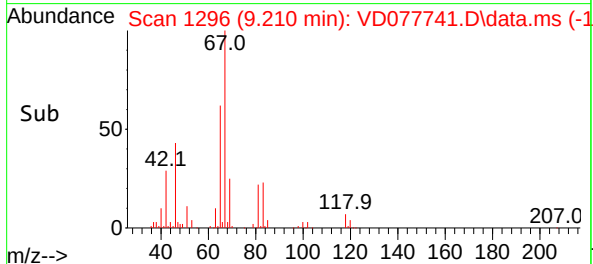
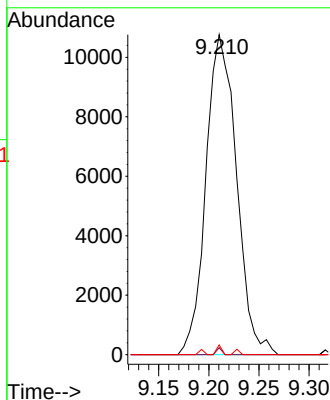
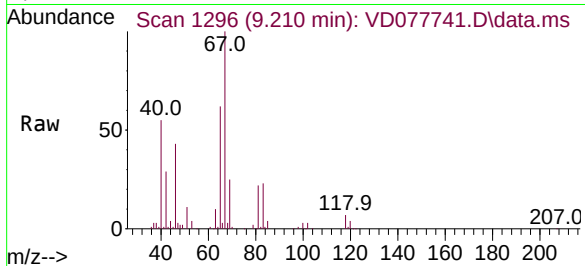




#35
Methylcyclohexane
Concen: 2.757 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.070 min
Lab File: VD077741.D
Acq: 04 Dec 2023 14:05

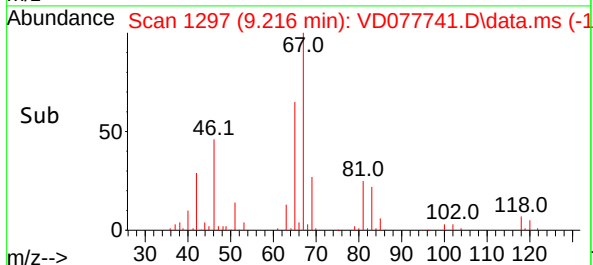
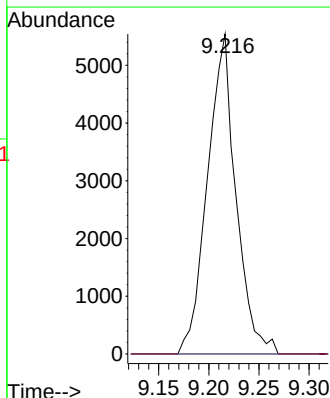
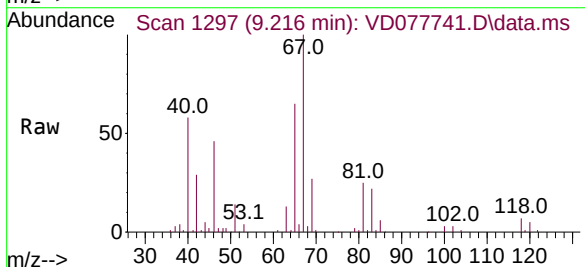
Instrument :
MSVOA_D
ClientSampleId :

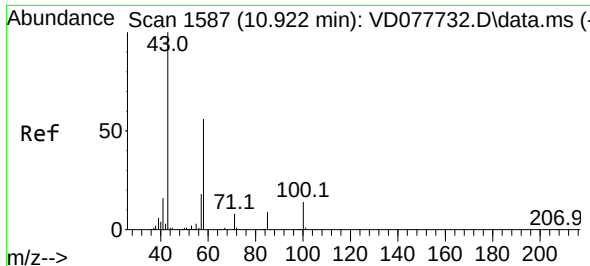
Tgt Ion: 83 Resp: 22805
Ion Ratio Lower Upper
83 100
55 0.0 59.8 89.6#
98 0.3 38.5 57.7#



#37
1,2-Dichloropropane
Concen: 2.239 ug/L
RT: 9.216 min Scan# 1297
Delta R.T. -0.094 min
Lab File: VD077741.D
Acq: 04 Dec 2023 14:05

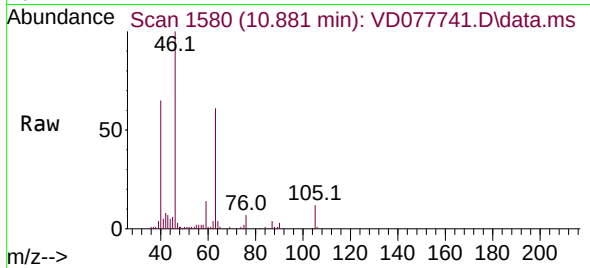
Tgt Ion: 63 Resp: 10957
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



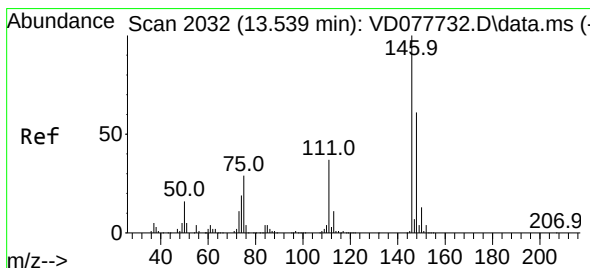
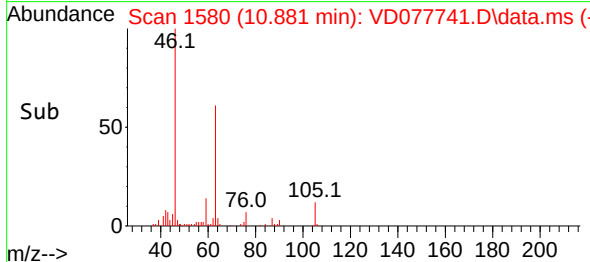
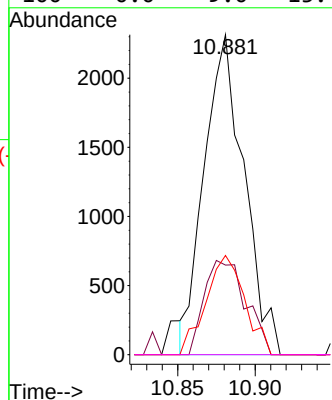


#48
2-Hexanone
Concen: 1.798 ug/L
RT: 10.881 min Scan# 11
Delta R.T. -0.041 min
Lab File: VD077741.D
Acq: 04 Dec 2023 14:05

Instrument :
MSVOA_D
ClientSampleId :

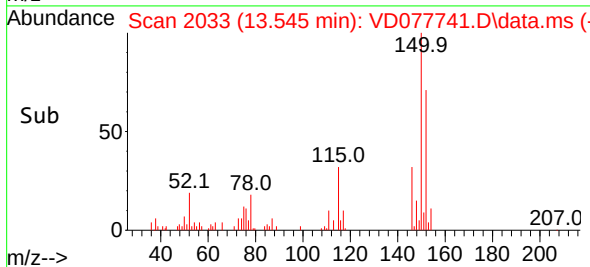
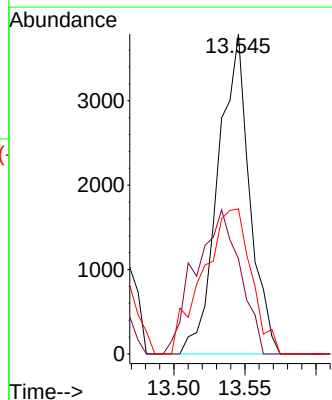
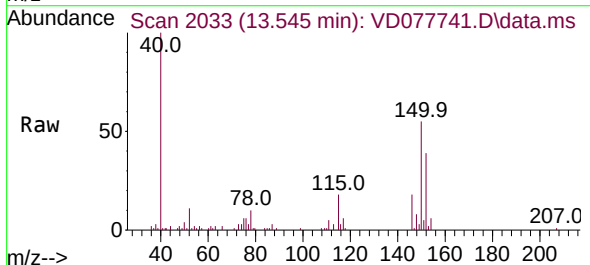


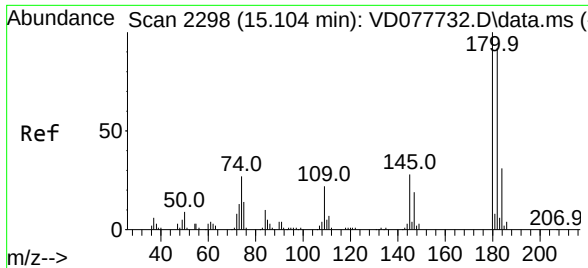
Tgt Ion: 43 Resp: 4127
Ion Ratio Lower Upper
43 100
58 31.0 43.0 64.6#
57 30.3 13.8 20.8#
100 0.0 9.0 13.4#



#65
1,4-Dichlorobenzene
Concen: 0.660 ug/L
RT: 13.545 min Scan# 2033
Delta R.T. 0.006 min
Lab File: VD077741.D
Acq: 04 Dec 2023 14:05

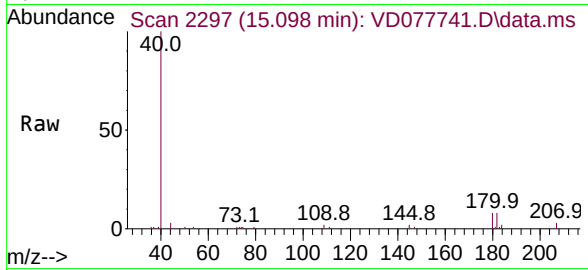
Tgt Ion: 146 Resp: 5832
Ion Ratio Lower Upper
146 100
111 29.8 26.4 49.0
148 45.4 44.0 81.8





#70
 1,2,4-trichlorobenzene
 Concen: 0.532 ug/L
 RT: 15.098 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD077741.D
 Acq: 04 Dec 2023 14:05

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	180	Resp:	2620
Ion Ratio	Lower	Upper	
180	100		
182	105.1	77.0	115.6
145	24.9	23.9	35.9

