

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120623\
 Data File : VD077759.D
 Acq On : 06 Dec 2023 14:09
 Operator : JC/SY
 Sample : 05646-02
 Misc : 4.45G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 07 00:32:33 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)

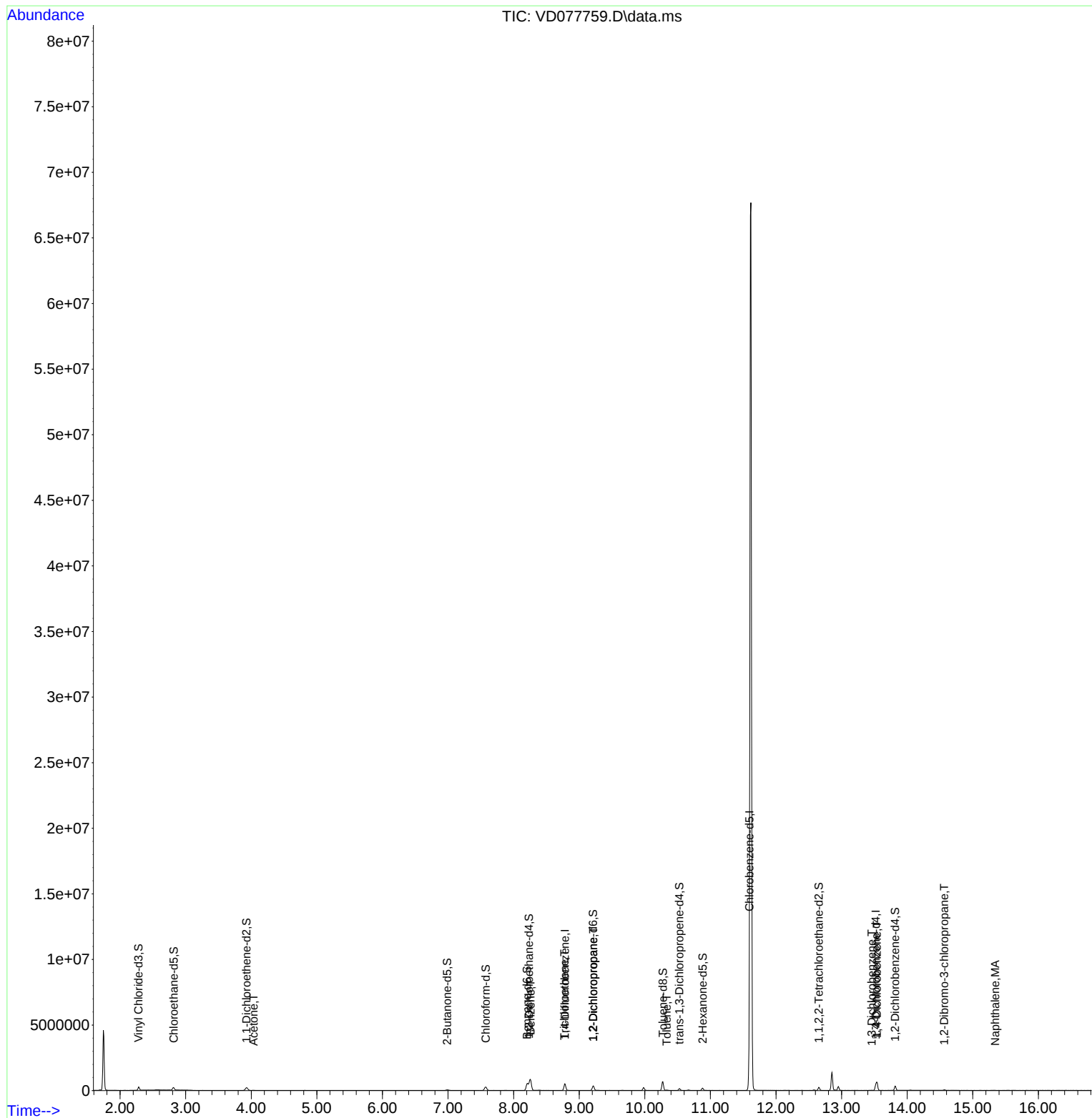
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	438385	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.593	117	508630	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	104564	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	233951	19.569	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.280%
7) Chloroethane-d5	2.817	69	198522	20.834	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.320%
11) 1,1-Dichloroethene-d2	3.928	65	62111	20.037	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.160%
21) 2-Butanone-d5	6.987	46	70604	46.729	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.460%
24) Chloroform-d	7.575	84	270926	22.930	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.720%
26) 1,2-Dichloroethane-d4	8.234	65	150258	25.100	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	8.204	84	563529	18.396	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.600%
36) 1,2-Dichloropropane-d6	9.210	67	175761	18.805	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	75.200%
41) Toluene-d8	10.275	98	474979	16.846	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.400%
43) trans-1,3-Dichloroprop...	10.528	79	75726	18.322	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.280%
47) 2-Hexanone-d5	10.881	63	63295	39.299	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.600%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	117113	17.340	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.360%
66) 1,2-Dichlorobenzene-d4	13.816	152	88636	23.695	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.760%
Target Compounds						Qvalue
13) Acetone	4.034	43	3911	2.020	ug/L	88
33) Benzene	8.257	78	818779	24.732	ug/L	100
34) Trichloroethene	8.775	95	11915	1.450	ug/L #	5
37) 1,2-Dichloropropane	9.216	63	19112	2.214	ug/L #	87
42) Toluene	10.334	91	14918	0.424	ug/L	96
64) 1,3-Dichlorobenzene	13.457	146	3624	0.537	ug/L #	87
65) 1,4-Dichlorobenzene	13.540	146	227354	32.461	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.563	75	1220	2.690	ug/L #	1
71) Naphthalene	15.339	128	4531	0.635	ug/L	97

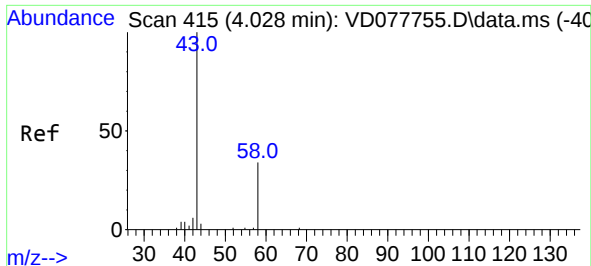
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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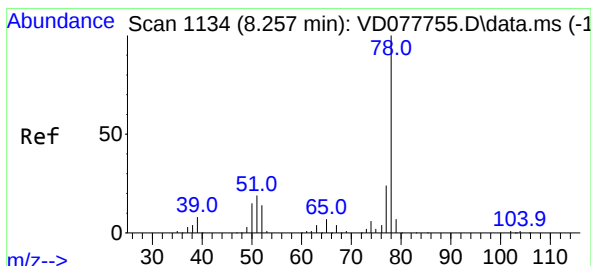
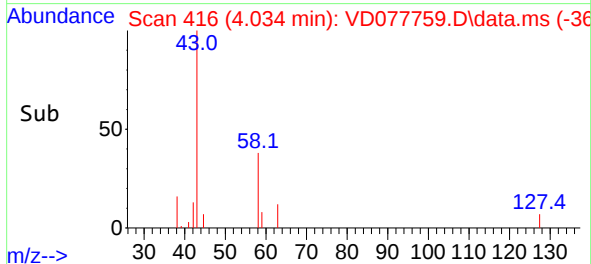
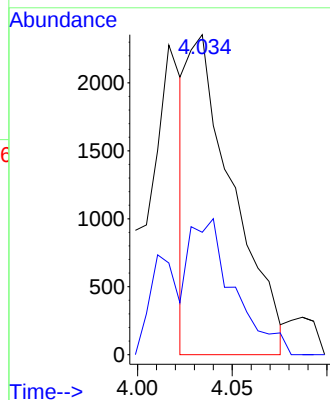
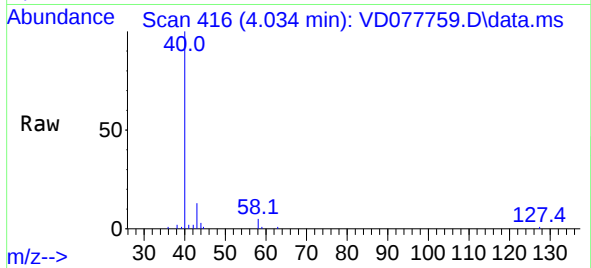




#13
Acetone
Concen: 2.020 ug/L
RT: 4.034 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077759.D
Acq: 06 Dec 2023 14:09

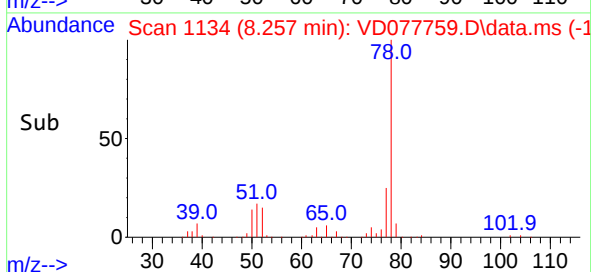
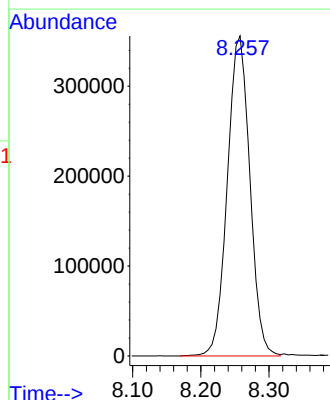
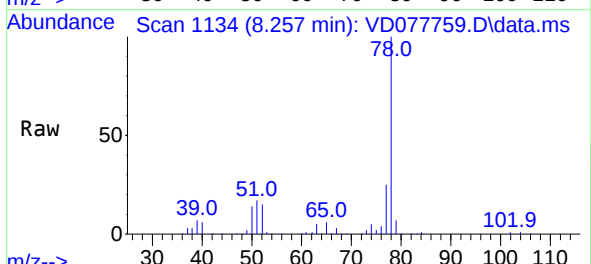
Instrument :
MSVOA_D
ClientSampleId :

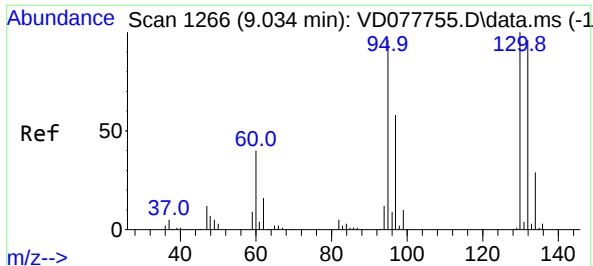
Tgt Ion: 43 Resp: 3911
Ion Ratio Lower Upper
43 100
58 40.4 0.0 67.2



#33
Benzene
Concen: 24.732 ug/L
RT: 8.257 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VD077759.D
Acq: 06 Dec 2023 14:09

Tgt Ion: 78 Resp: 818779

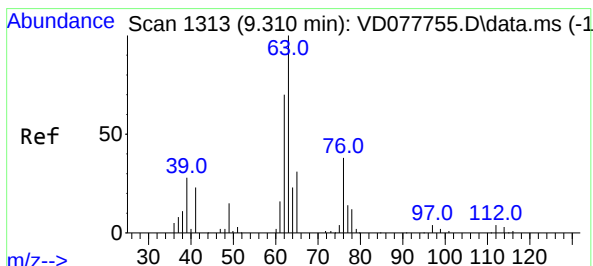
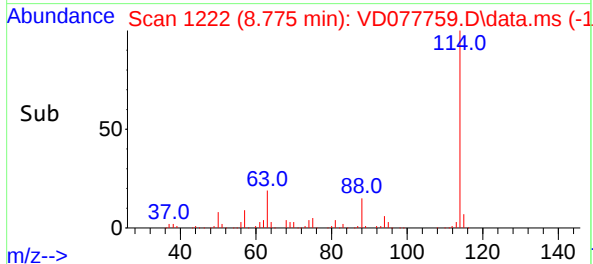
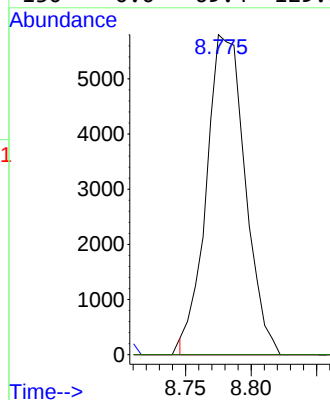
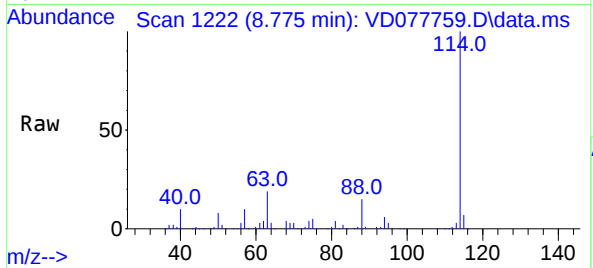




#34
Trichloroethene
Concen: 1.450 ug/L
RT: 8.775 min Scan# 11915
Delta R.T. -0.259 min
Lab File: VD077759.D
Acq: 06 Dec 2023 14:09

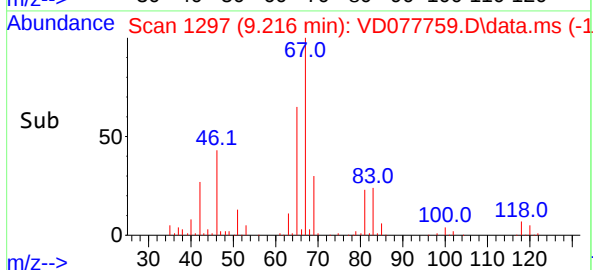
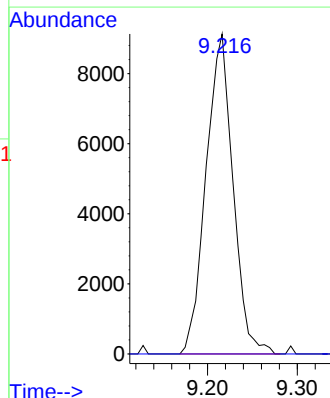
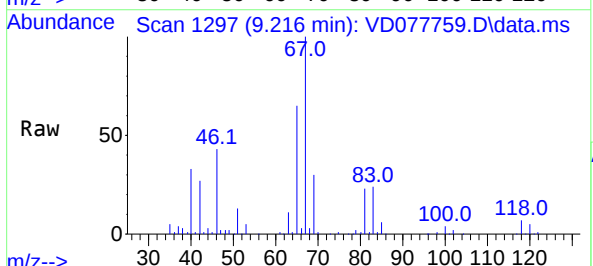
Instrument :
MSVOA_D
ClientSampleId :

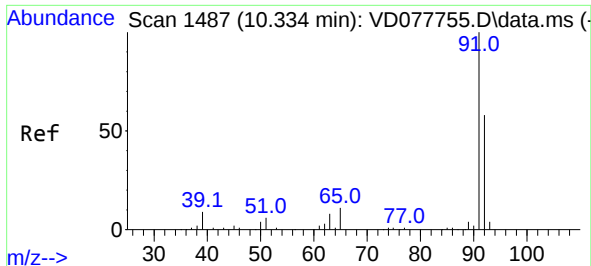
Tgt Ion:	95	Resp:	11915
Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.2	82.0#
132	0.0	67.5	125.3#
130	0.0	69.4	129.0#



#37
1,2-Dichloropropane
Concen: 2.214 ug/L
RT: 9.216 min Scan# 1297
Delta R.T. -0.088 min
Lab File: VD077759.D
Acq: 06 Dec 2023 14:09

Tgt Ion:	63	Resp:	19112
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

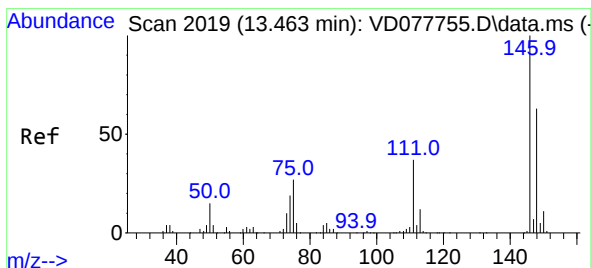
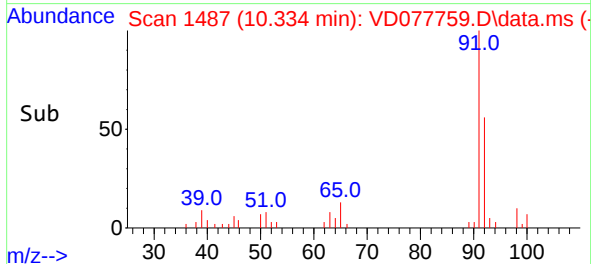
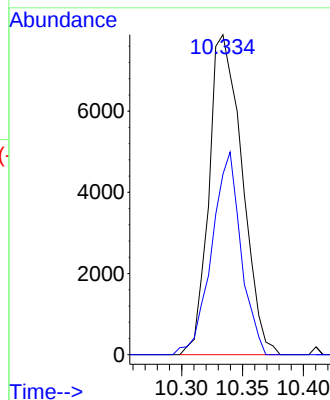
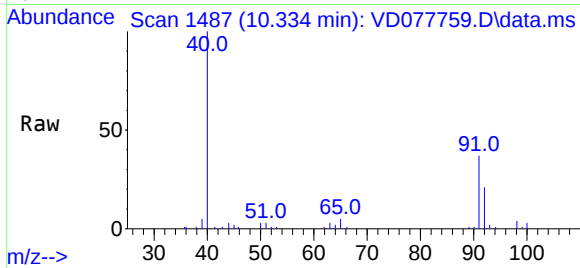




#42
Toluene
Concen: 0.424 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077759.D
Acq: 06 Dec 2023 14:09

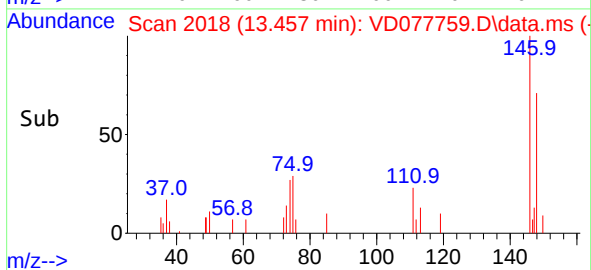
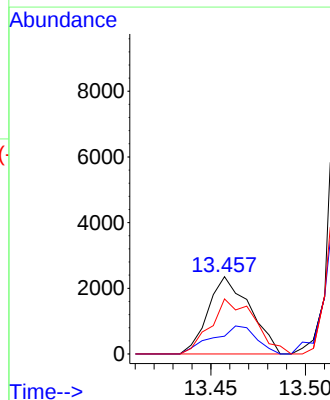
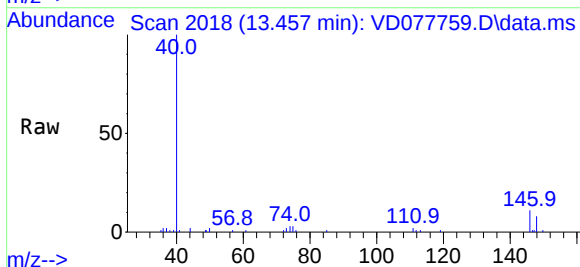
Instrument :
MSVOA_D
ClientSampleId :

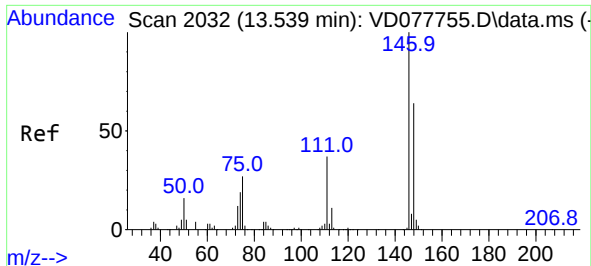
Tgt Ion: 91 Resp: 14918
Ion Ratio Lower Upper
91 100
92 56.3 41.6 77.3



#64
1,3-Dichlorobenzene
Concen: 0.537 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD077759.D
Acq: 06 Dec 2023 14:09

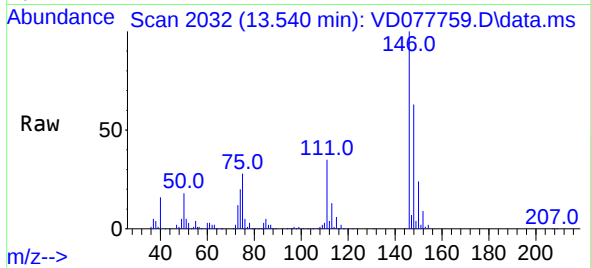
Tgt Ion: 146 Resp: 3624
Ion Ratio Lower Upper
146 100
111 21.5 26.6 49.4#
148 66.3 44.0 81.6



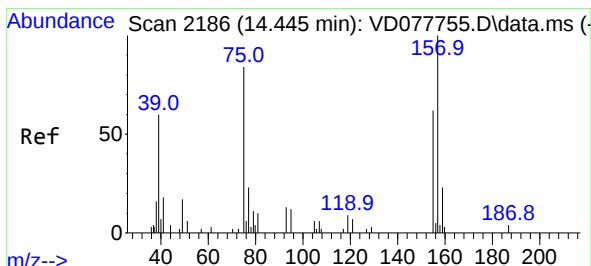
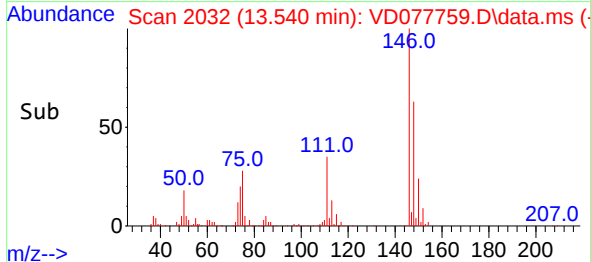
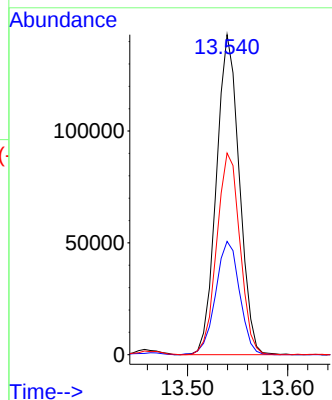


#65
1,4-Dichlorobenzene
Concen: 32.461 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077759.D
Acq: 06 Dec 2023 14:09

Instrument :
MSVOA_D
ClientSampleId :

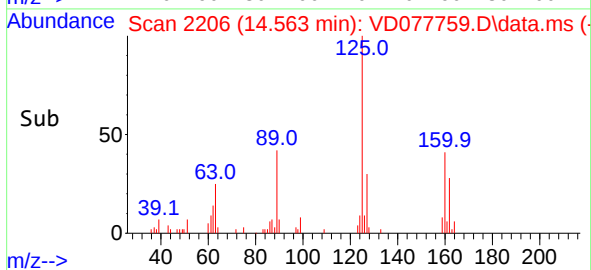
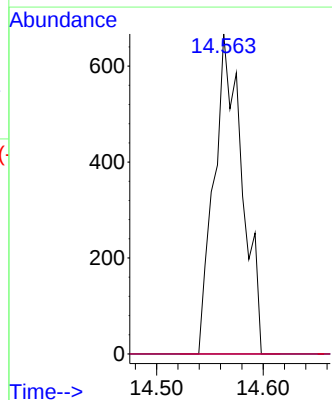
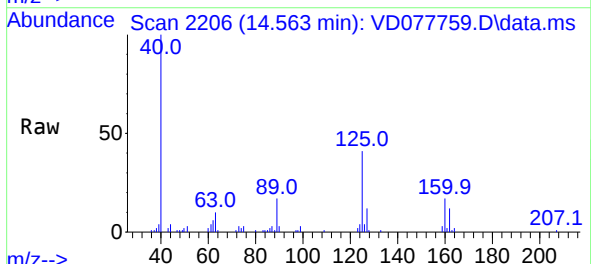


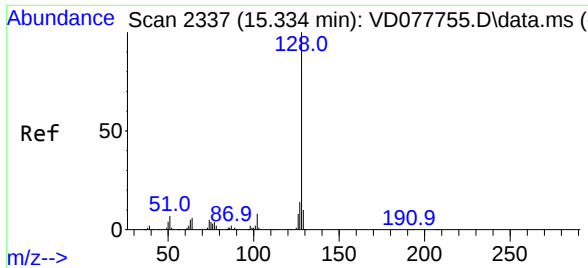
Tgt Ion:146 Resp: 227354
Ion Ratio Lower Upper
146 100
111 35.4 26.4 49.0
148 63.0 44.0 81.8



#68
1,2-Dibromo-3-chloropropane
Concen: 2.690 ug/L
RT: 14.563 min Scan# 2206
Delta R.T. 0.112 min
Lab File: VD077759.D
Acq: 06 Dec 2023 14:09

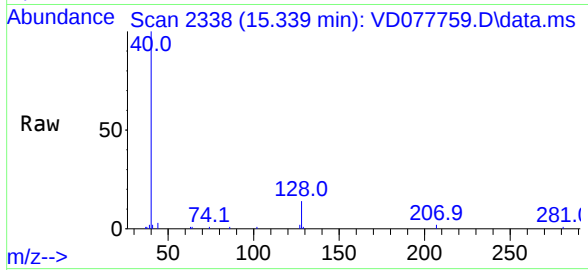
Tgt Ion: 75 Resp: 1220
Ion Ratio Lower Upper
75 100
155 0.0 69.2 103.8#
157 0.0 86.6 130.0#





#71
Naphthalene
Concen: 0.635 ug/L
RT: 15.339 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077759.D
Acq: 06 Dec 2023 14:09

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 4531

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.5	15.7
129	8.9	8.7	13.1

