

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120623\
 Data File : VD077758.D
 Acq On : 06 Dec 2023 13:36
 Operator : JC/SY
 Sample : 05646-01
 Misc : 2.79G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 07 00:32:23 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)

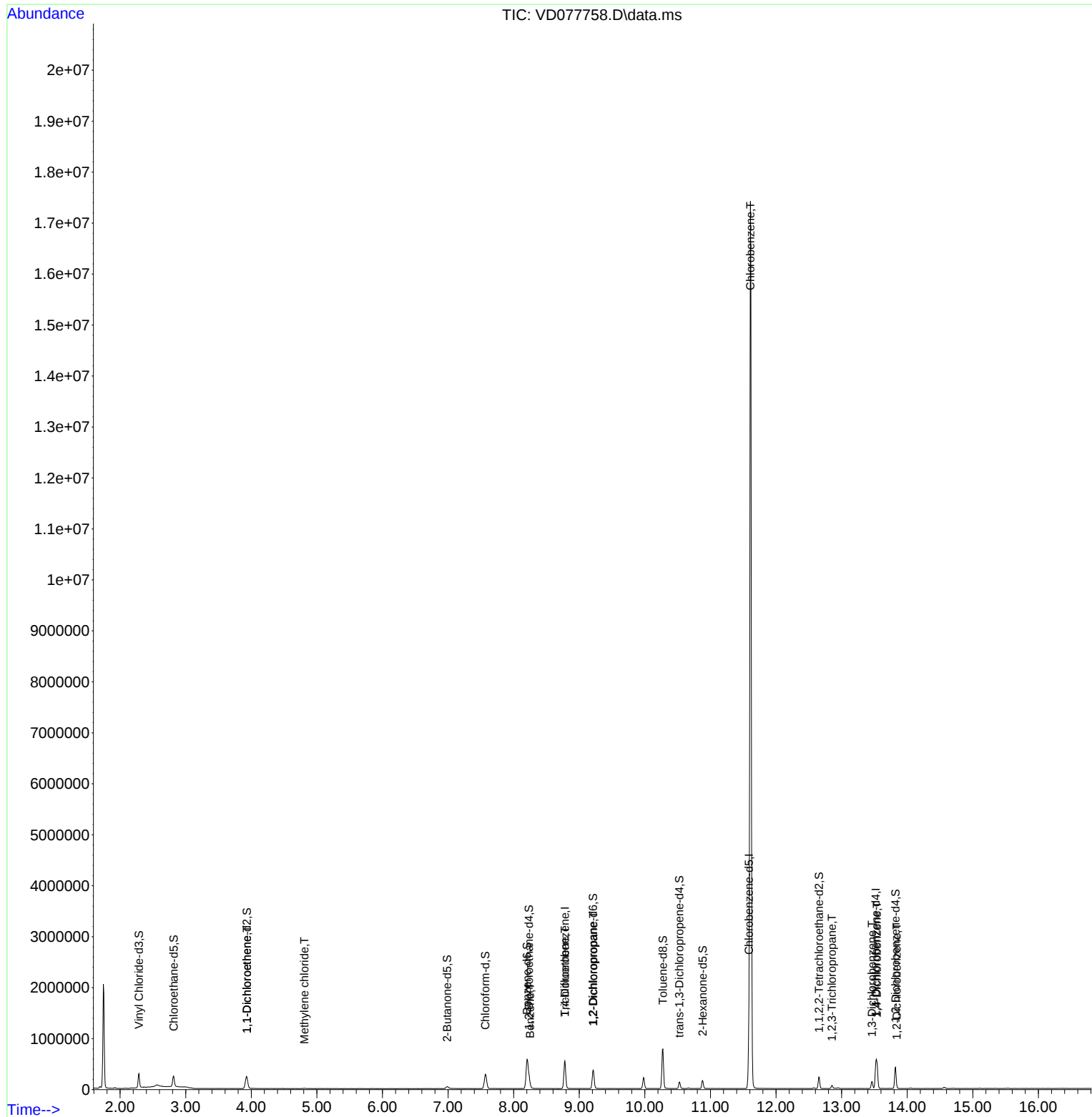
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	467049	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.586	117	446979	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	125239	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.287	65	255304	20.045	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.160%
7) Chloroethane-d5	2.816	69	216778	21.353	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	3.934	65	68730	20.812	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.240%
21) 2-Butanone-d5	6.987	46	65028	40.397	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.800%
24) Chloroform-d	7.569	84	294059	23.361	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.440%
26) 1,2-Dichloroethane-d4	8.234	65	145395	22.797	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	8.204	84	619028	22.995	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	9.210	67	185035	22.528	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.120%
41) Toluene-d8	10.275	98	545781	22.026	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.120%
43) trans-1,3-Dichloroprop...	10.528	79	74000	20.373	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.480%
47) 2-Hexanone-d5	10.881	63	58331	41.213	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.420%
56) 1,1,2,2-Tetrachloroeth...	12.657	84	118538	19.971	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.880%
66) 1,2-Dichlorobenzene-d4	13.822	152	109532	24.447	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.800%
Target Compounds						
12) 1,1-Dichloroethene	3.934	96	2174	0.342	ug/L #	1
16) Methylene chloride	4.810	84	5177	0.624	ug/L	74
33) Benzene	8.251	78	15422	0.530	ug/L	100
34) Trichloroethene	8.781	95	13410	1.857	ug/L #	5
37) 1,2-Dichloropropane	9.216	63	20025	2.640	ug/L #	87
51) Chlorobenzene	11.610	112	9152606	477.668	ug/L	97
61) 1,2,3-Trichloropropane	12.851	75	980	0.425	ug/L #	48
64) 1,3-Dichlorobenzene	13.463	146	59972	7.418	ug/L	94
65) 1,4-Dichlorobenzene	13.539	146	166418	19.838	ug/L	99
67) 1,2-Dichlorobenzene	13.839	146	3843	0.528	ug/L #	60

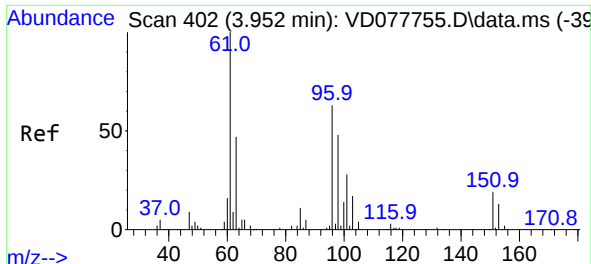
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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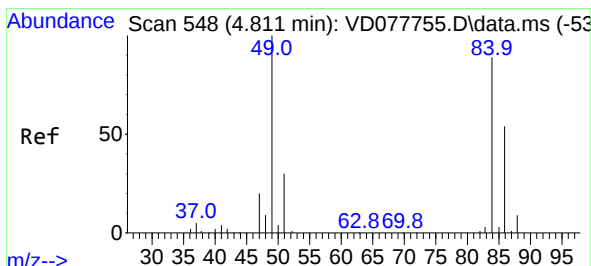
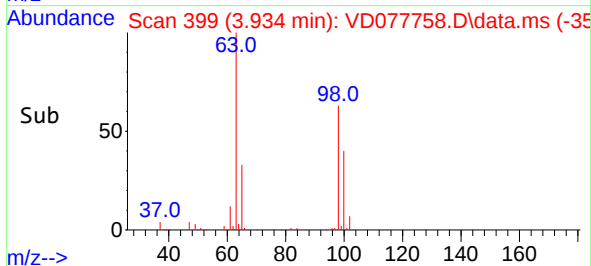
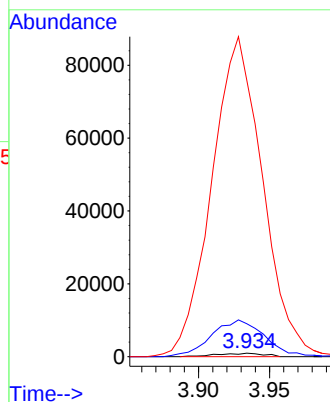
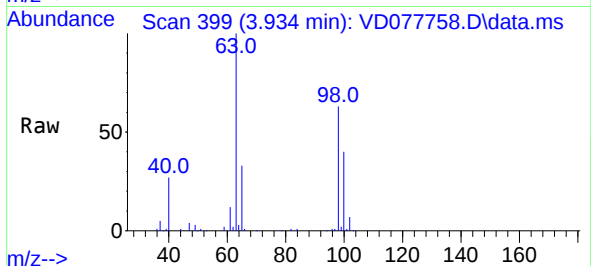




#12
1,1-Dichloroethene
Concen: 0.342 ug/L
RT: 3.934 min Scan# 399
Delta R.T. -0.018 min
Lab File: VD077758.D
Acq: 06 Dec 2023 13:36

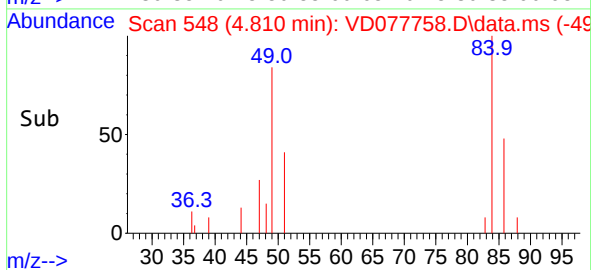
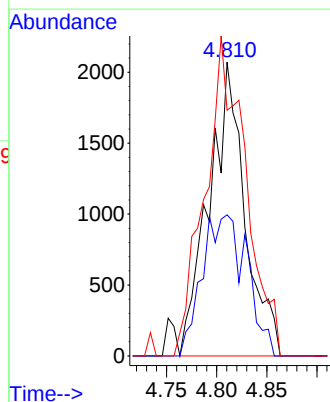
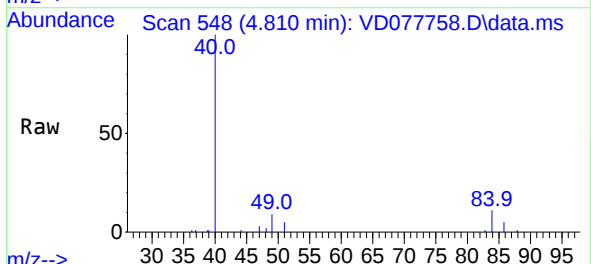
Instrument :
MSVOA_D
ClientSampleId :

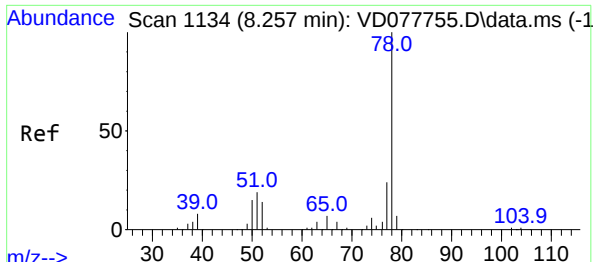
Tgt Ion: 96 Resp: 2174
Ion Ratio Lower Upper
96 100
61 931.8 108.6 201.6#
63 7830.1 60.3 111.9#



#16
Methylene chloride
Concen: 0.624 ug/L
RT: 4.810 min Scan# 548
Delta R.T. -0.000 min
Lab File: VD077758.D
Acq: 06 Dec 2023 13:36

Tgt Ion: 84 Resp: 5177
Ion Ratio Lower Upper
84 100
86 48.0 40.1 74.5
49 83.7 83.2 154.6

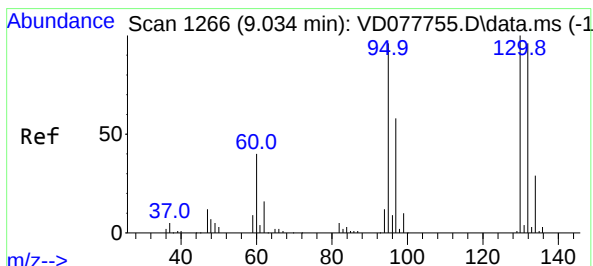
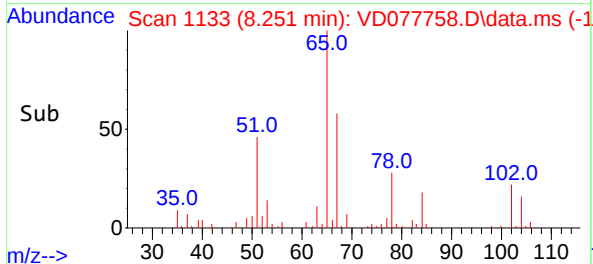
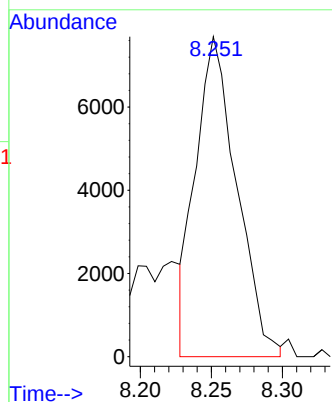
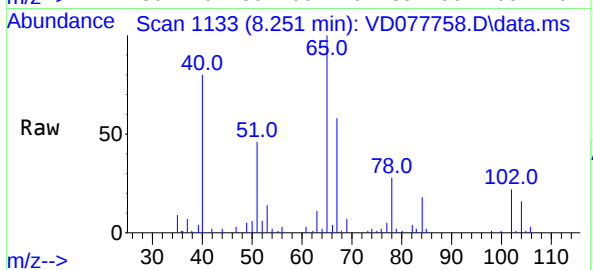




#33
Benzene
Concen: 0.530 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD077758.D
Acq: 06 Dec 2023 13:36

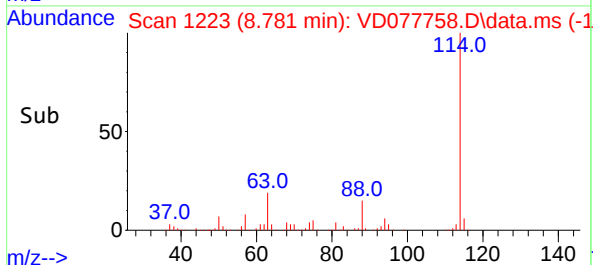
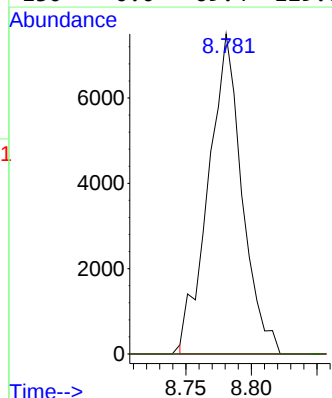
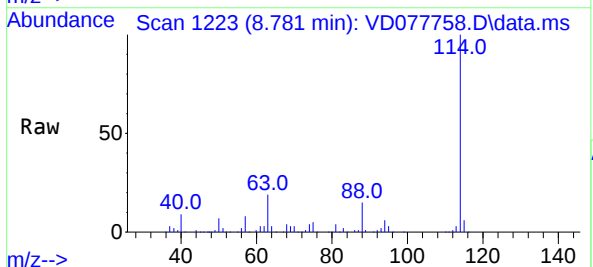
Instrument :
MSVOA_D
ClientSampleId :

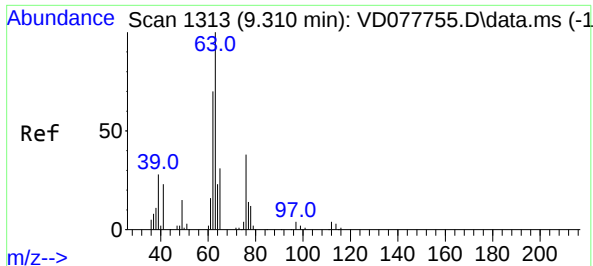
Tgt Ion: 78 Resp: 15422



#34
Trichloroethene
Concen: 1.857 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.253 min
Lab File: VD077758.D
Acq: 06 Dec 2023 13:36

Tgt Ion: 95 Resp: 13410
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#

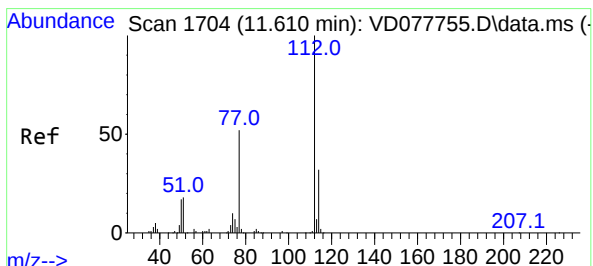
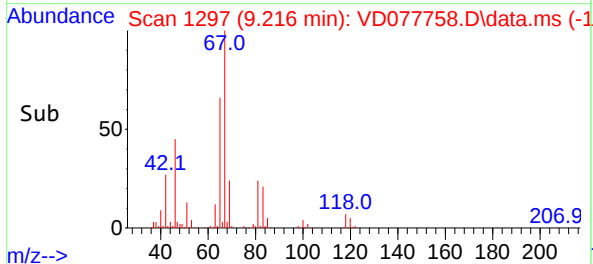
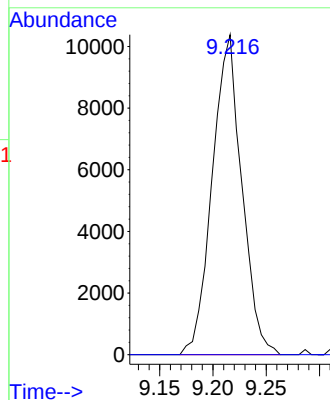
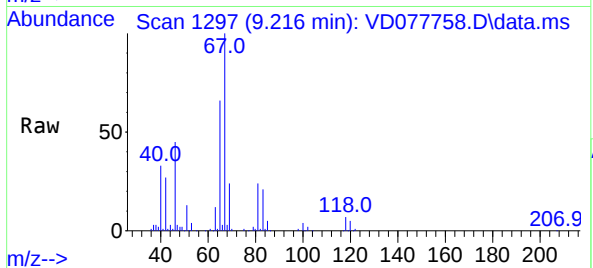




#37
1,2-Dichloropropane
Concen: 2.640 ug/L
RT: 9.216 min Scan# 11
Delta R.T. -0.088 min
Lab File: VD077758.D
Acq: 06 Dec 2023 13:36

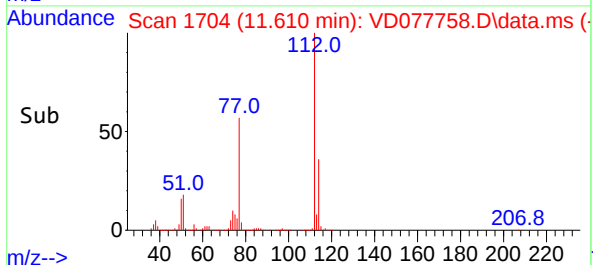
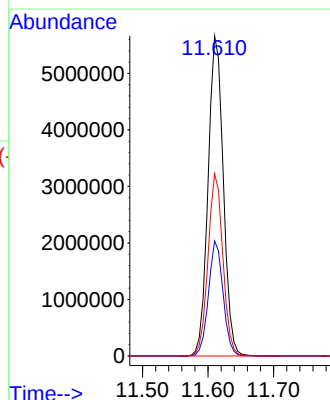
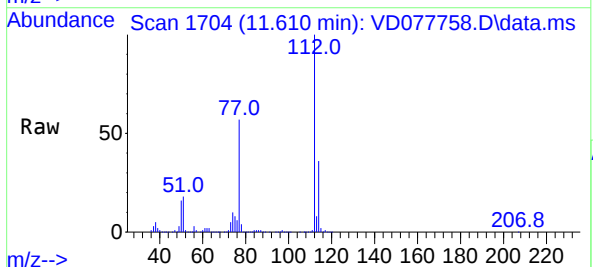
Instrument :
MSVOA_D
ClientSampleId :

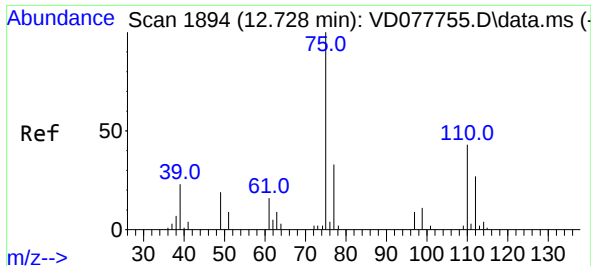
Tgt Ion: 63 Resp: 20025
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#51
Chlorobenzene
Concen: 477.668 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD077758.D
Acq: 06 Dec 2023 13:36

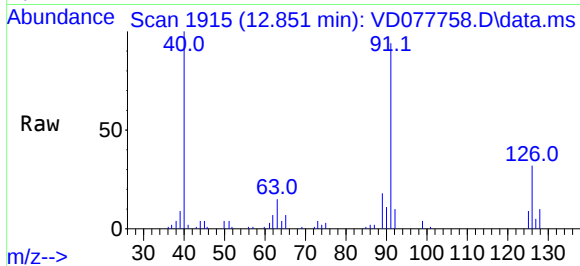
Tgt Ion: 112 Resp: 9152606
Ion Ratio Lower Upper
112 100
114 36.0 22.5 41.9
77 57.0 46.4 69.6



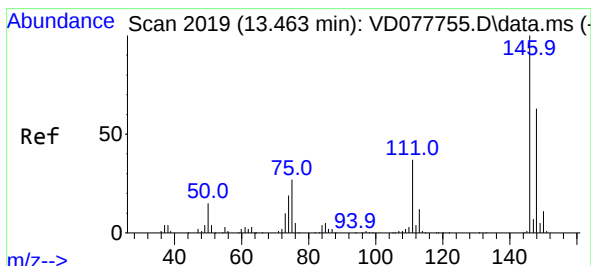
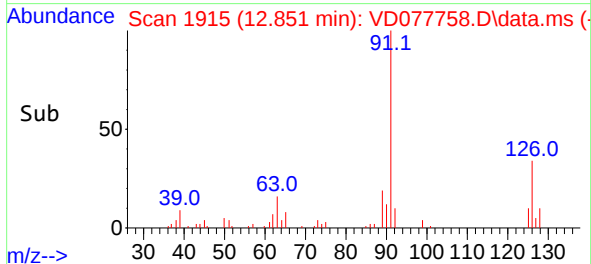
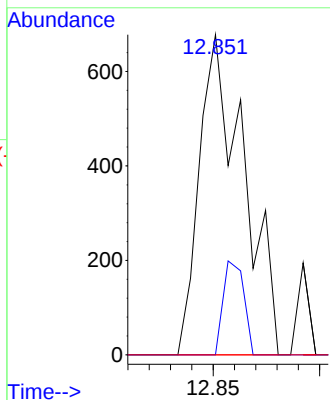


#61
1,2,3-Trichloropropane
Concen: 0.425 ug/L
RT: 12.851 min Scan# 1915
Delta R.T. 0.123 min
Lab File: VD077758.D
Acq: 06 Dec 2023 13:36

Instrument :
MSVOA_D
ClientSampleId :

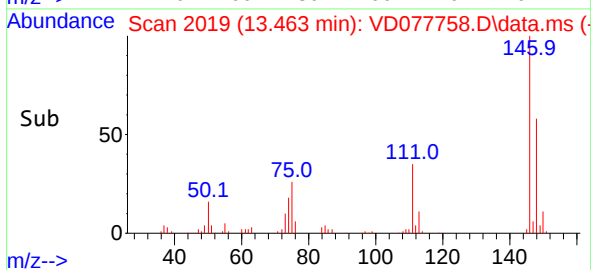
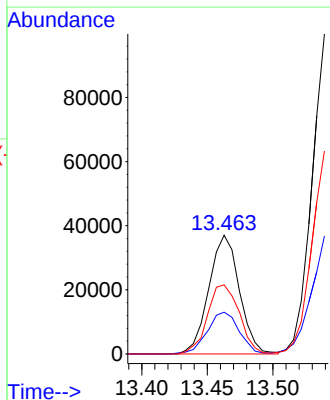
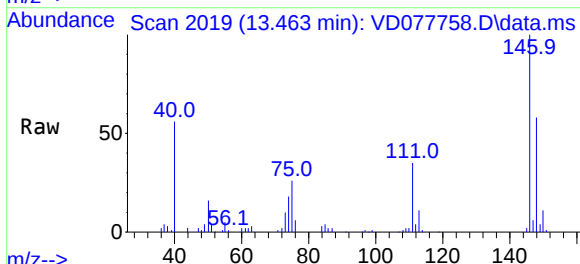


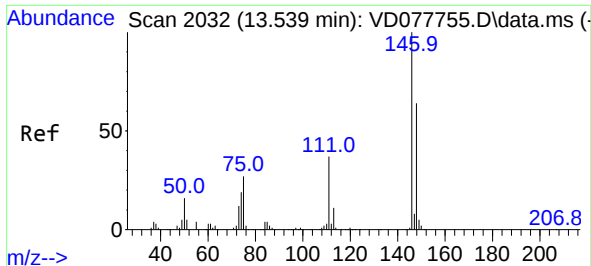
Tgt Ion: 75 Resp: 980
Ion Ratio Lower Upper
75 100
77 13.6 26.8 40.2#
110 0.0 33.4 50.2#



#64
1,3-Dichlorobenzene
Concen: 7.418 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD077758.D
Acq: 06 Dec 2023 13:36

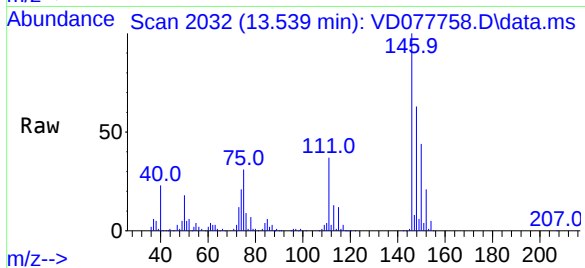
Tgt Ion:146 Resp: 59972
Ion Ratio Lower Upper
146 100
111 35.1 26.6 49.4
148 58.1 44.0 81.6



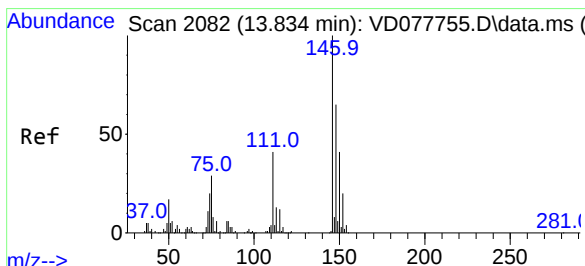
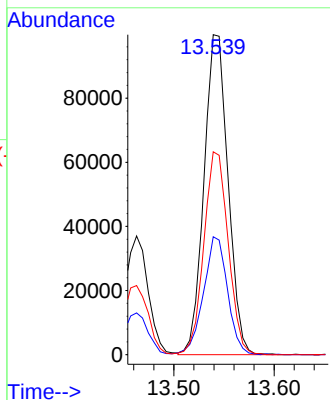
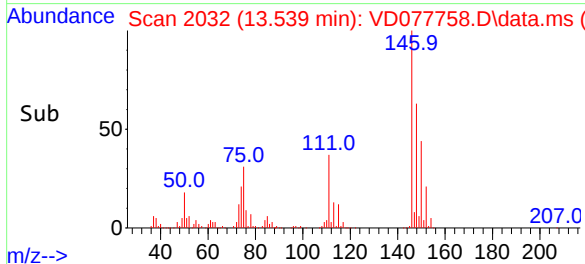


#65
1,4-Dichlorobenzene
Concen: 19.838 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077758.D
Acq: 06 Dec 2023 13:36

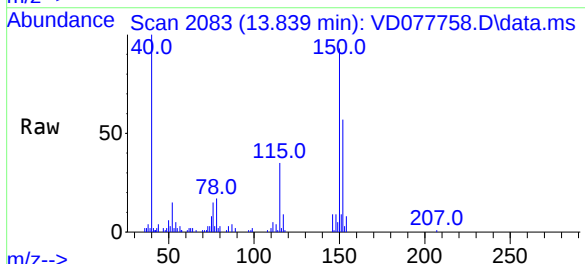
Instrument :
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ClientSampleId :



Tgt Ion:146 Resp: 166418
Ion Ratio Lower Upper
146 100
111 36.8 26.4 49.0
148 63.4 44.0 81.8



#67
1,2-Dichlorobenzene
Concen: 0.528 ug/L
RT: 13.839 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VD077758.D
Acq: 06 Dec 2023 13:36



Tgt Ion:146 Resp: 3843
Ion Ratio Lower Upper
146 100
111 57.2 31.4 47.2#
148 98.8 50.2 75.2#

