

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121123\
 Data File : VD077808.D
 Acq On : 11 Dec 2023 12:16
 Operator : JC/SY
 Sample : 05750-04
 Misc : 6.05G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 11 13:04:16 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)

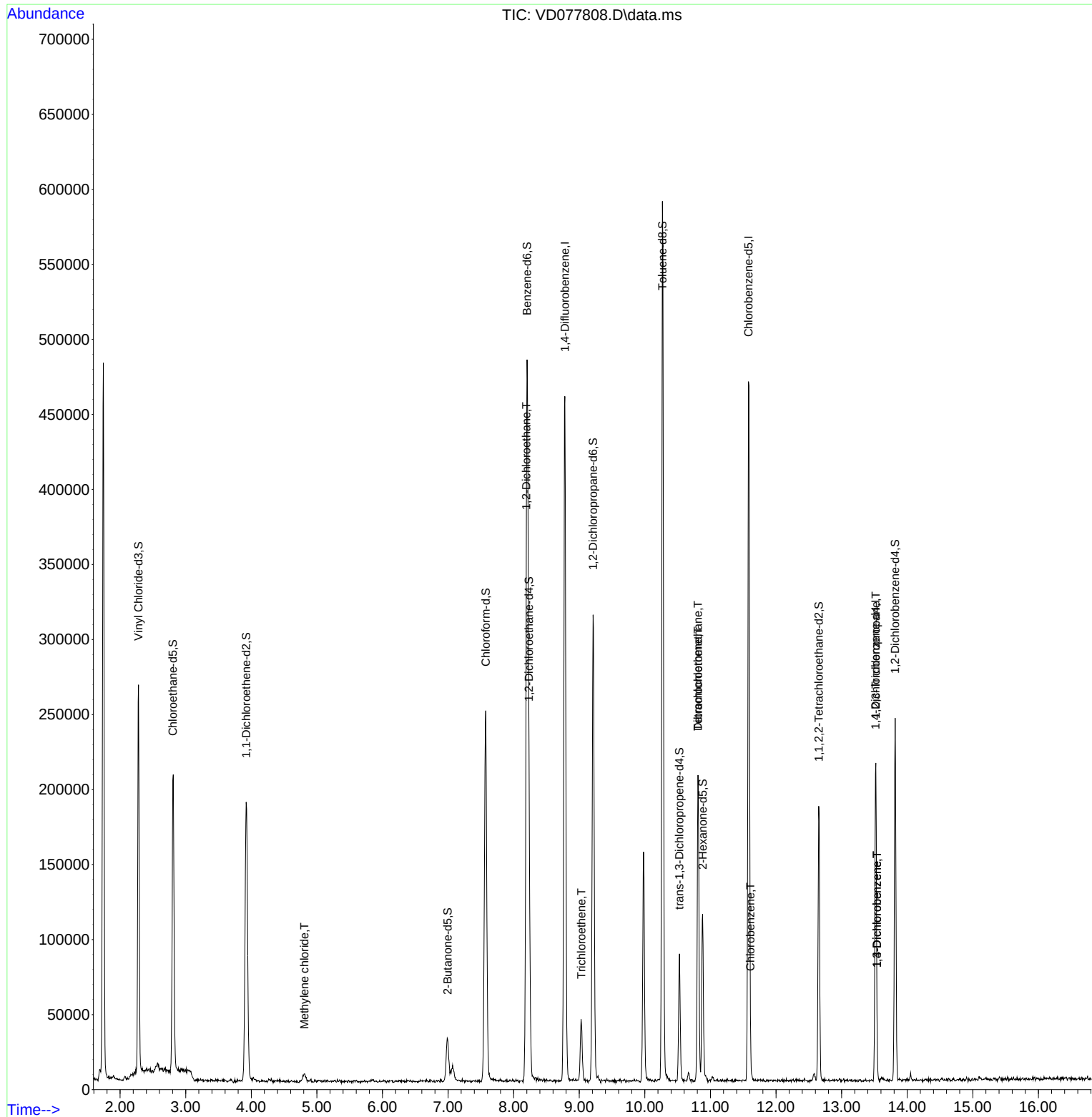
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	415685	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	279674	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	57792	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	242962	21.433	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.720%
7) Chloroethane-d5	2.805	69	211925	23.455	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	3.922	65	55551	18.900	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.600%
21) 2-Butanone-d5	6.993	46	49160	34.313	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.620%
24) Chloroform-d	7.575	84	255926	22.844	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.360%
26) 1,2-Dichloroethane-d4	8.234	65	116548	20.532	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.120%
32) Benzene-d6	8.204	84	526739	31.272	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	125.080%
36) 1,2-Dichloropropane-d6	9.210	67	158228	30.788	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.160%#
41) Toluene-d8	10.269	98	410766	26.495	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.960%
43) trans-1,3-Dichloroprop...	10.528	79	47008	20.684	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.720%
47) 2-Hexanone-d5	10.881	63	38469	43.439	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.880%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	92655	24.949	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	13.816	152	65423	31.644	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	126.560%#
Target Compounds						Qvalue
16) Methylene chloride	4.810	84	4265	0.578	ug/L #	66
27) 1,2-Dichloroethane	8.193	62	3251	0.475	ug/L #	72
34) Trichloroethene	9.034	95	13809	3.056	ug/L	96
46) Tetrachloroethene	10.810	164	48244	13.241	ug/L	97
49) Dibromochloromethane	10.810	129	38855	10.252	ug/L #	12
51) Chlorobenzene	11.610	112	3977	0.332	ug/L	87
61) 1,2,3-Trichloropropane	13.522	75	7596	7.146	ug/L #	61
64) 1,3-Dichlorobenzene	13.539	146	2488	0.667	ug/L #	72
65) 1,4-Dichlorobenzene	13.539	146	2488	0.643	ug/L #	72

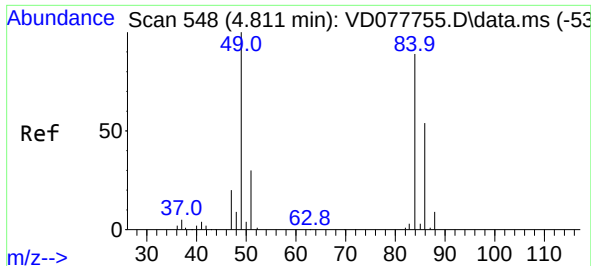
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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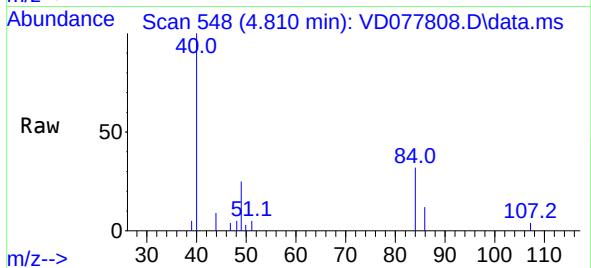
Quant Time: Dec 11 13:04:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
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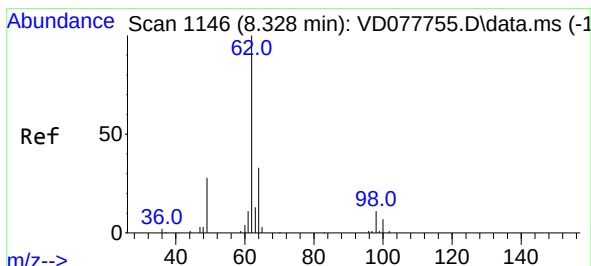
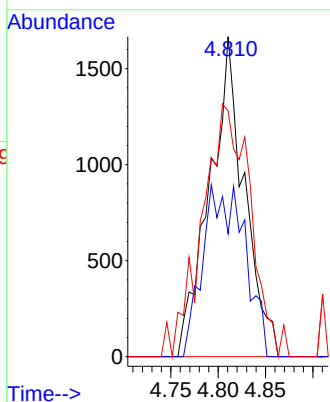
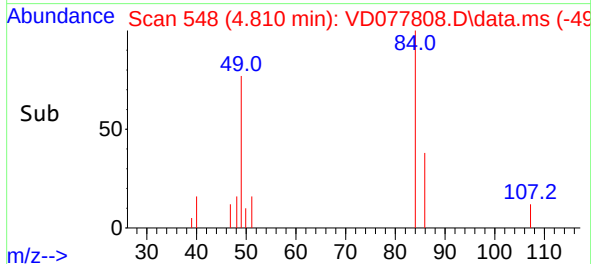


#16
Methylene chloride
Concen: 0.578 ug/L
RT: 4.810 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD077808.D
Acq: 11 Dec 2023 12:16

Instrument :
MSVOA_D
ClientSampleId :

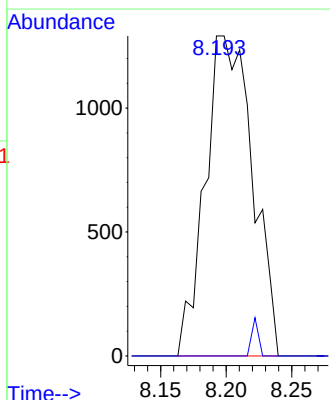
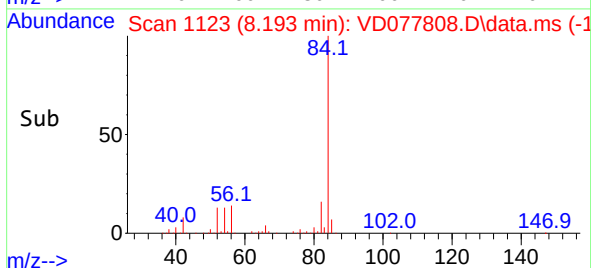
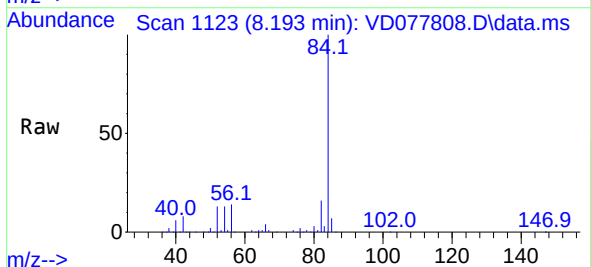


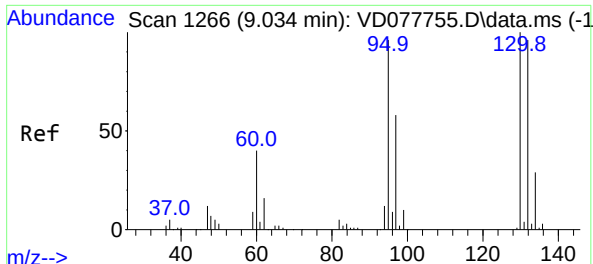
Tgt Ion: 84 Resp: 4265
Ion Ratio Lower Upper
84 100
86 38.5 40.1 74.5#
49 76.8 83.2 154.6#



#27
1,2-Dichloroethane
Concen: 0.475 ug/L
RT: 8.193 min Scan# 1123
Delta R.T. -0.136 min
Lab File: VD077808.D
Acq: 11 Dec 2023 12:16

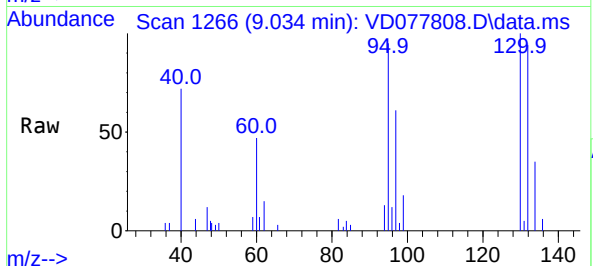
Tgt Ion: 62 Resp: 3251
Ion Ratio Lower Upper
62 100
98 0.0 8.4 12.6#



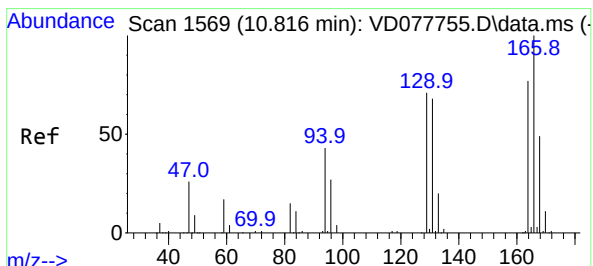
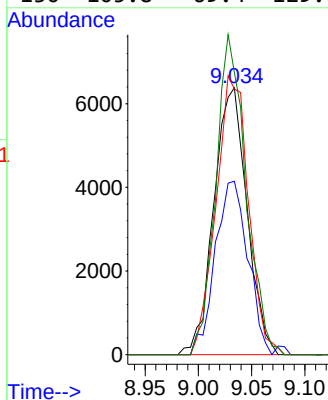
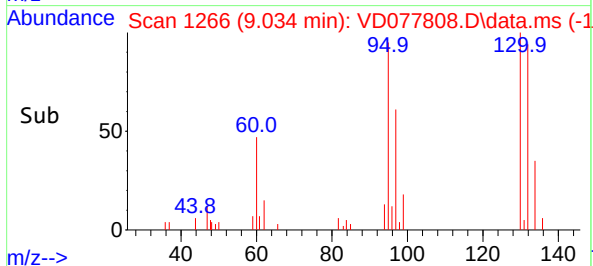


#34
Trichloroethene
Concen: 3.056 ug/L
RT: 9.034 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077808.D
Acq: 11 Dec 2023 12:16

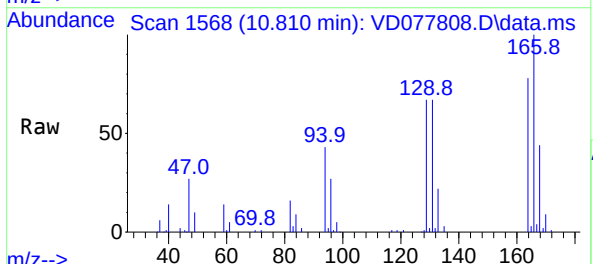
Instrument :
MSVOA_D
ClientSampleId :



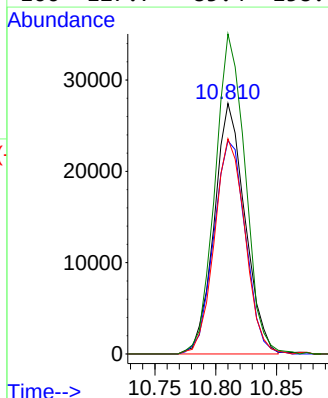
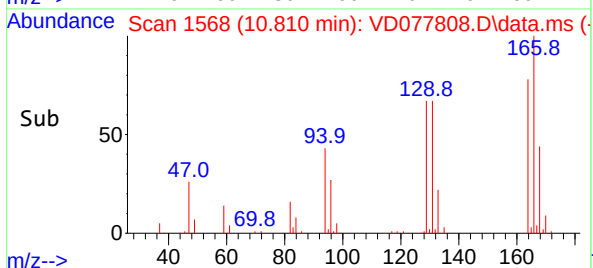
Tgt Ion: 95 Resp: 13809
Ion Ratio Lower Upper
95 100
97 65.0 44.2 82.0
132 99.5 67.5 125.3
130 105.8 69.4 129.0

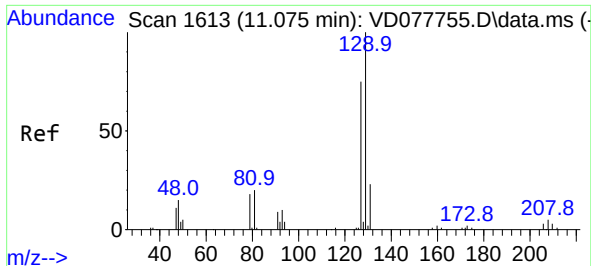


#46
Tetrachloroethene
Concen: 13.241 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VD077808.D
Acq: 11 Dec 2023 12:16



Tgt Ion:164 Resp: 48244
Ion Ratio Lower Upper
164 100
129 85.1 61.5 114.3
131 85.9 59.1 109.9
166 127.7 85.4 158.6

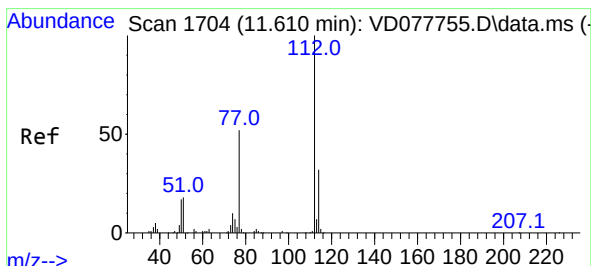
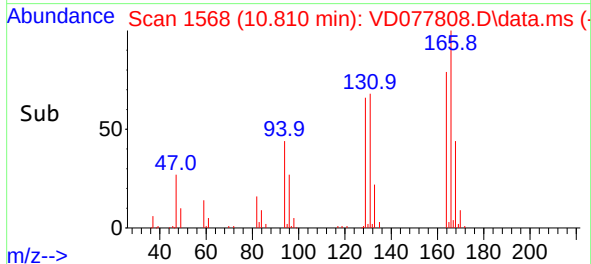
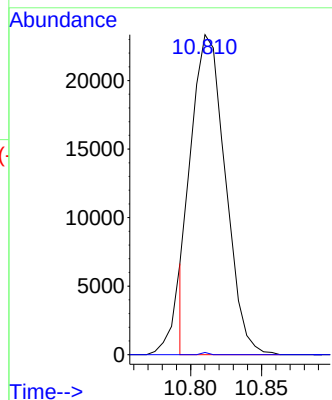
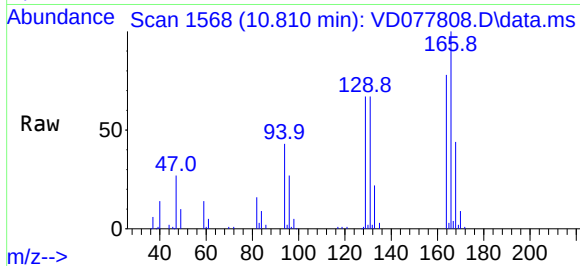




#49
Dibromochloromethane
Concen: 10.252 ug/L
RT: 10.810 min Scan# 11
Delta R.T. -0.271 min
Lab File: VD077808.D
Acq: 11 Dec 2023 12:16

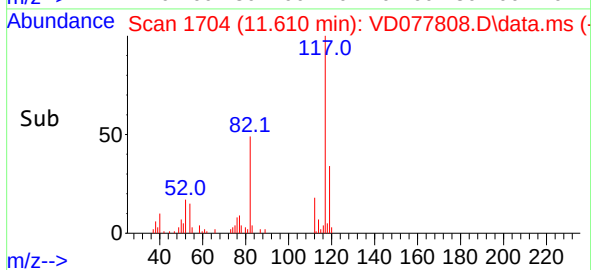
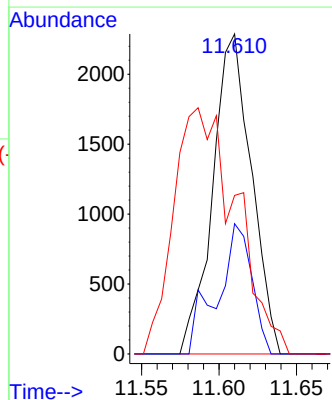
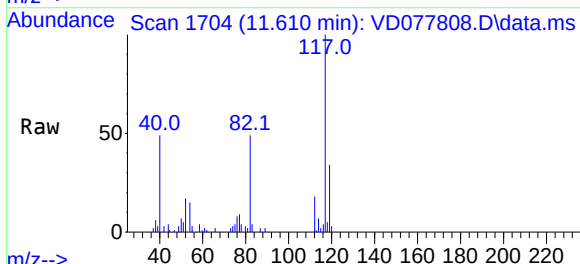
Instrument :
MSVOA_D
ClientSampleId :

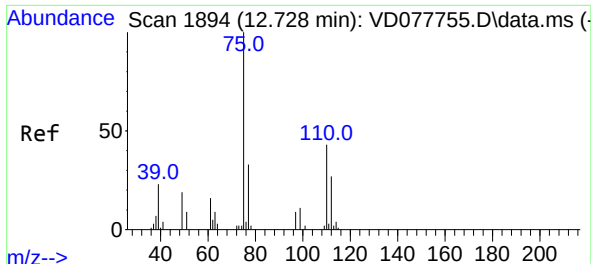
Tgt Ion:129 Resp: 38855
Ion Ratio Lower Upper
129 100
127 0.7 52.8 98.2#



#51
Chlorobenzene
Concen: 0.332 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD077808.D
Acq: 11 Dec 2023 12:16

Tgt Ion:112 Resp: 3977
Ion Ratio Lower Upper
112 100
114 40.7 22.5 41.9
77 49.5 46.4 69.6

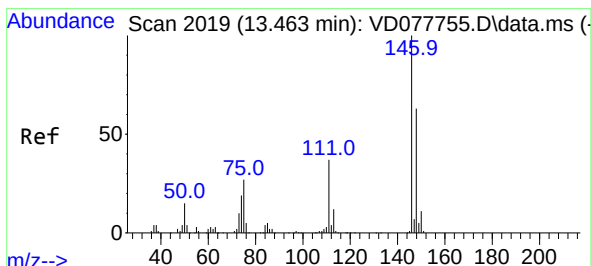
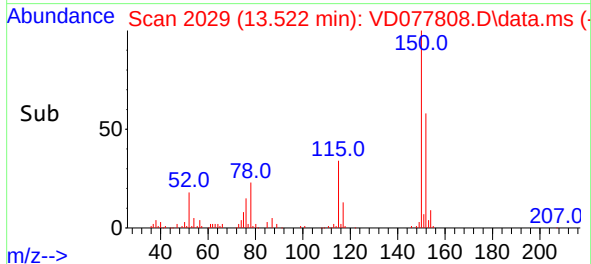
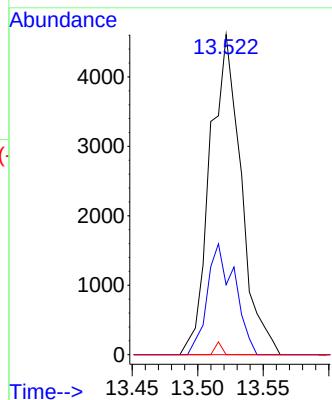
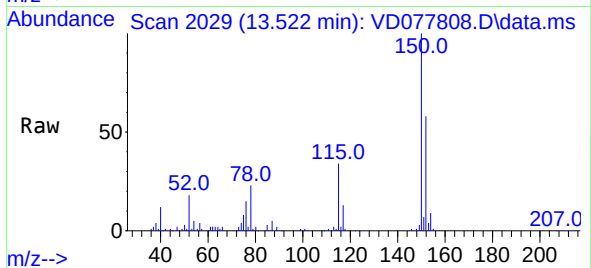




#61
1,2,3-Trichloropropane
Concen: 7.146 ug/L
RT: 13.522 min Scan# 2031
Delta R.T. 0.794 min
Lab File: VD077808.D
Acq: 11 Dec 2023 12:16

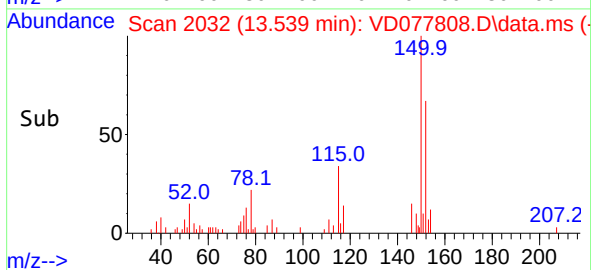
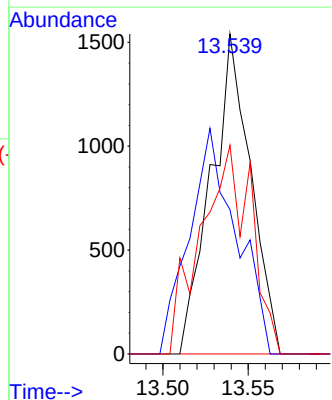
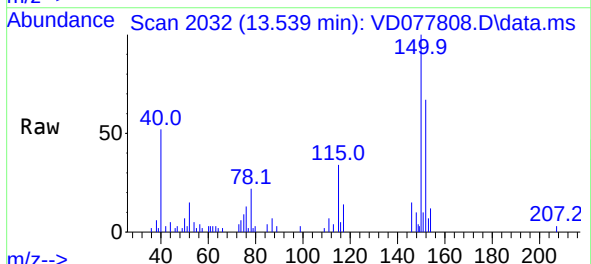
Instrument :
MSVOA_D
ClientSampleId :

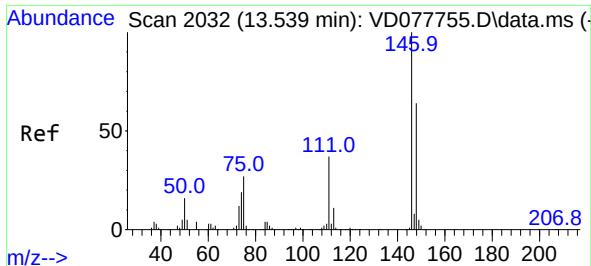
Tgt Ion: 75 Resp: 7596
Ion Ratio Lower Upper
75 100
77 30.6 26.8 40.2
110 0.0 33.4 50.2#



#64
1,3-Dichlorobenzene
Concen: 0.667 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.076 min
Lab File: VD077808.D
Acq: 11 Dec 2023 12:16

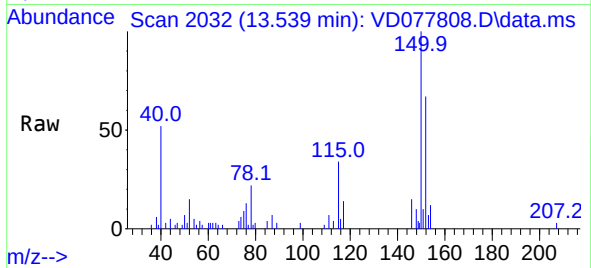
Tgt Ion:146 Resp: 2488
Ion Ratio Lower Upper
146 100
111 45.1 26.6 49.4
148 92.1 44.0 81.6#





#65
 1,4-Dichlorobenzene
 Concen: 0.643 ug/L
 RT: 13.539 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VD077808.D
 Acq: 11 Dec 2023 12:16

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	146	Resp:	2488
Ion	Ratio	Lower	Upper
146	100		
111	45.1	26.4	49.0
148	92.1	44.0	81.8#

