

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121123\
 Data File : VD077806.D
 Acq On : 11 Dec 2023 11:23
 Operator : JC/SY
 Sample : 05750-02
 Misc : 4.24G/10ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 11 13:04:00 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)

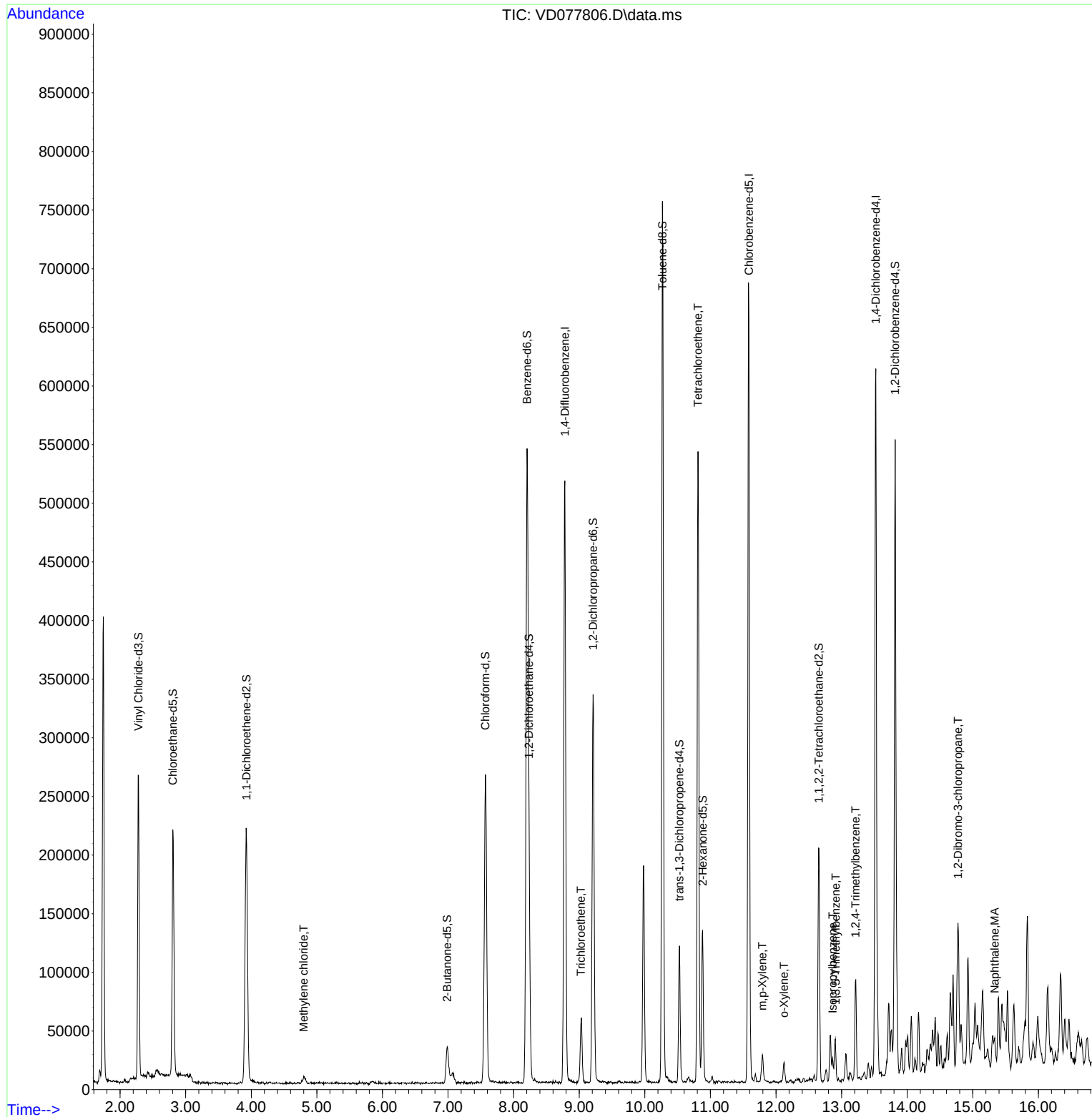
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	456368	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	401409	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	163517	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	251726	20.226	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.920%
7) Chloroethane-d5	2.805	69	219560	22.133	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.520%
11) 1,1-Dichloroethene-d2	3.928	65	63526	19.686	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.760%
21) 2-Butanone-d5	6.987	46	53543	34.041	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.080%
24) Chloroform-d	7.569	84	277625	22.571	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.280%
26) 1,2-Dichloroethane-d4	8.234	65	131374	21.081	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.320%
32) Benzene-d6	8.205	84	580506	24.012	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.040%
36) 1,2-Dichloropropane-d6	9.210	67	171163	23.204	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.800%
41) Toluene-d8	10.269	98	522770	23.493	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.960%
43) trans-1,3-Dichloroprop...	10.528	79	67401	20.663	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.640%
47) 2-Hexanone-d5	10.881	63	45034	35.430	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.860%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	106753	20.028	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.120%
66) 1,2-Dichlorobenzene-d4	13.816	152	144370	24.680	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.720%
Target Compounds						Qvalue
16) Methylene chloride	4.799	84	4319	0.533	ug/L	91
34) Trichloroethene	9.028	95	17714	2.731	ug/L	94
46) Tetrachloroethene	10.810	164	127647	24.408	ug/L	98
53) m,p-Xylene	11.793	106	6413	0.552	ug/L	92
54) o-Xylene	12.122	106	4075	0.366	ug/L	93
60) Isopropylbenzene	12.863	105	8457	0.347	ug/L	93
62) 1,3,5-Trimethylbenzene	12.910	105	10569	0.577	ug/L	97
63) 1,2,4-Trimethylbenzene	13.210	105	47927	2.579	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.775	75	1310	1.847	ug/L #	1
71) Naphthalene	15.334	128	7427	0.666	ug/L #	77

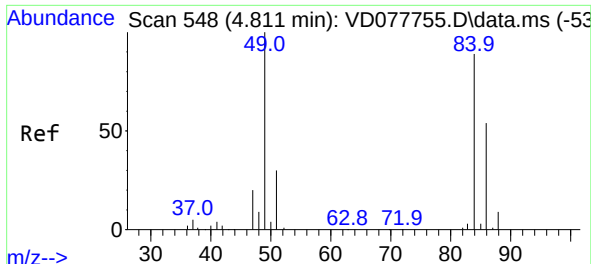
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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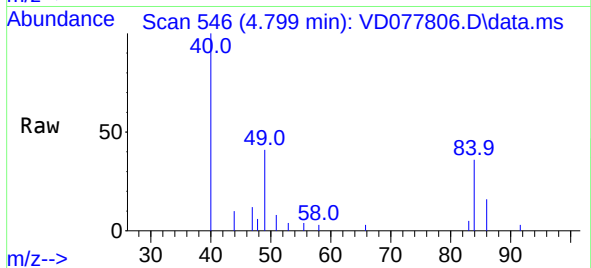
Quant Time: Dec 11 13:04:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 06 00:24:24 2023
Response via : Initial Calibration





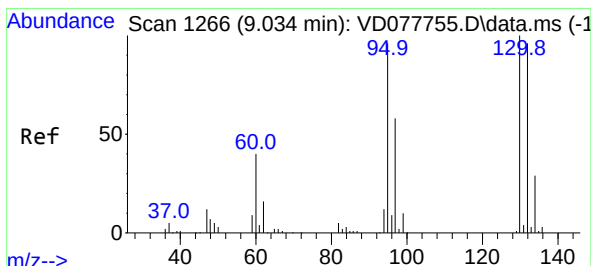
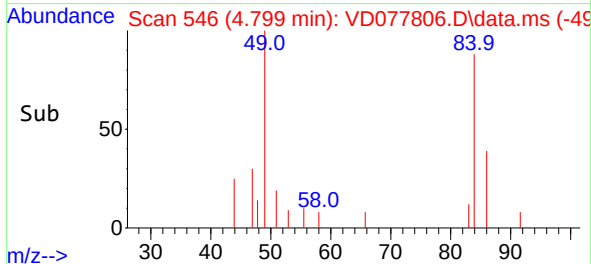
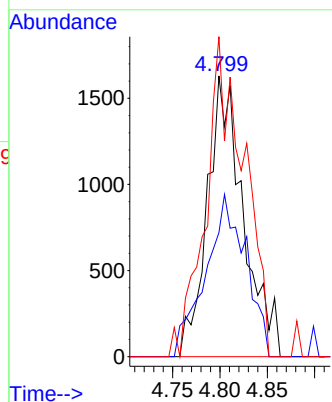
#16
Methylene chloride
Concen: 0.533 ug/L
RT: 4.799 min Scan# 54
Delta R.T. -0.012 min
Lab File: VD077806.D
Acq: 11 Dec 2023 11:23

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 4319

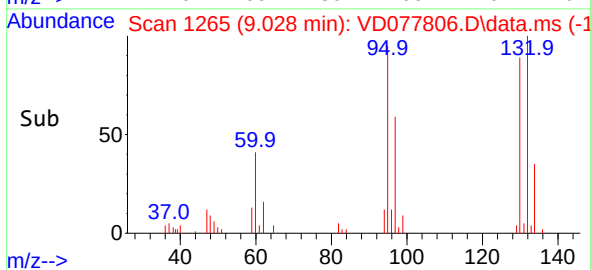
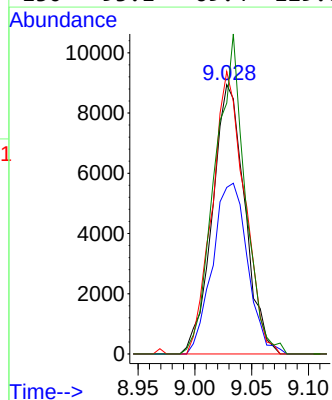
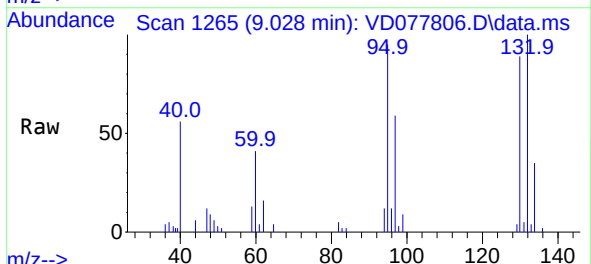
Ion	Ratio	Lower	Upper
84	100		
86	44.2	40.1	74.5
49	114.0	83.2	154.6

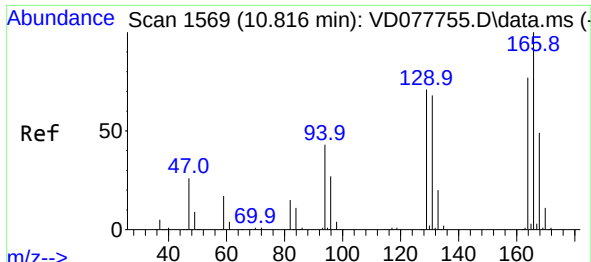


#34
Trichloroethene
Concen: 2.731 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD077806.D
Acq: 11 Dec 2023 11:23

Tgt Ion: 95 Resp: 17714

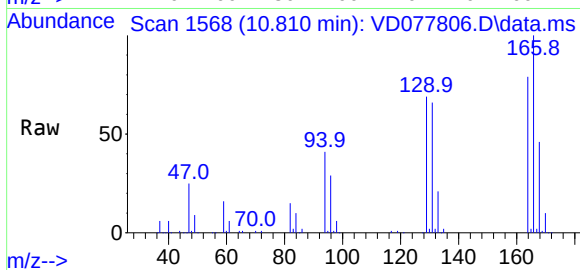
Ion	Ratio	Lower	Upper
95	100		
97	61.8	44.2	82.0
132	104.8	67.5	125.3
130	93.1	69.4	129.0



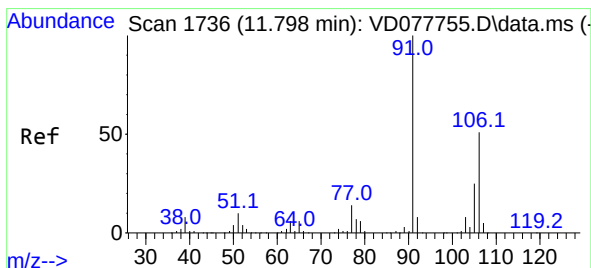
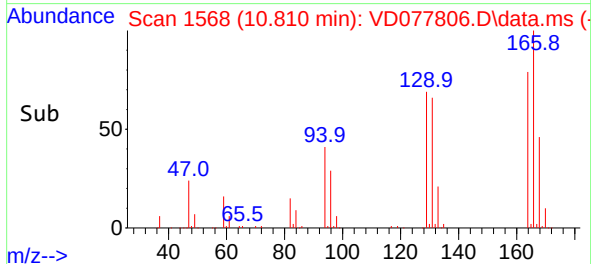
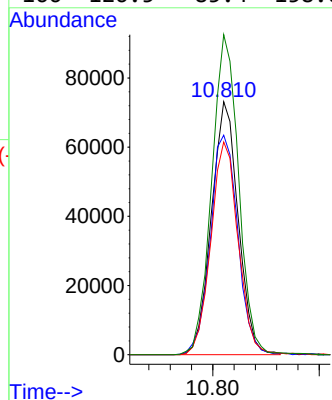


#46
Tetrachloroethene
Concen: 24.408 ug/L
RT: 10.810 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077806.D
Acq: 11 Dec 2023 11:23

Instrument :
MSVOA_D
ClientSampleId :

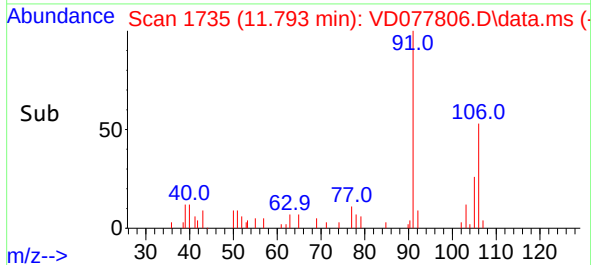
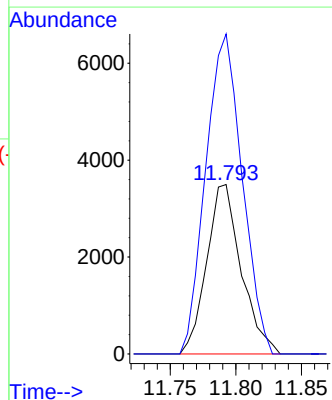
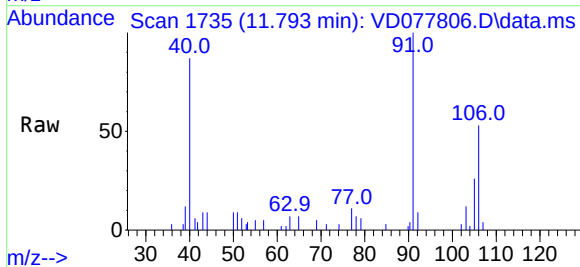


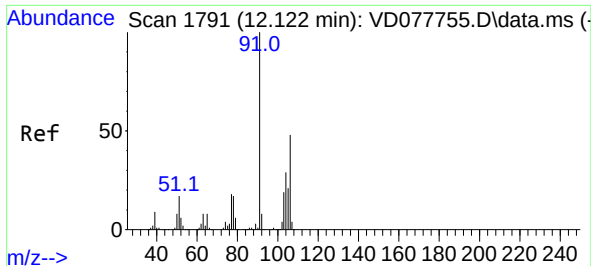
Tgt Ion:164 Resp: 127647
Ion Ratio Lower Upper
164 100
129 86.8 61.5 114.3
131 84.0 59.1 109.9
166 126.5 85.4 158.6



#53
m,p-Xylene
Concen: 0.552 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077806.D
Acq: 11 Dec 2023 11:23

Tgt Ion:106 Resp: 6413
Ion Ratio Lower Upper
106 100
91 188.8 140.8 261.6

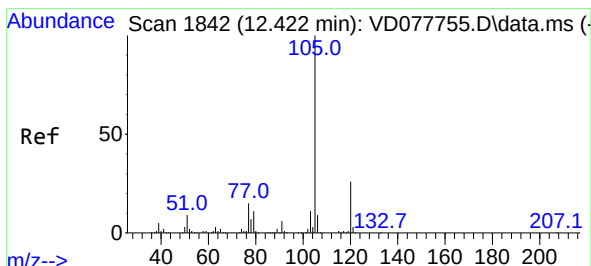
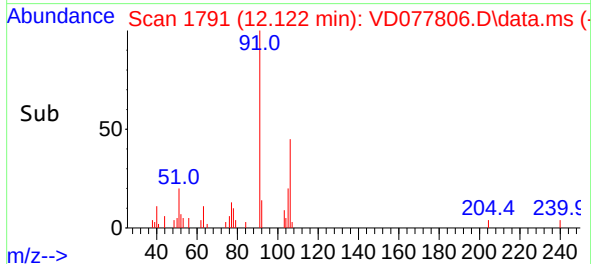
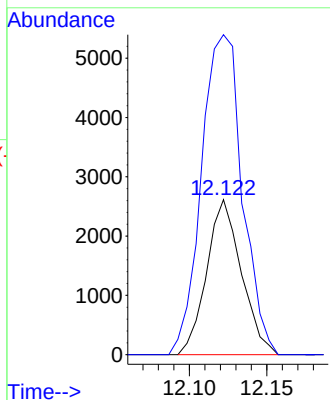
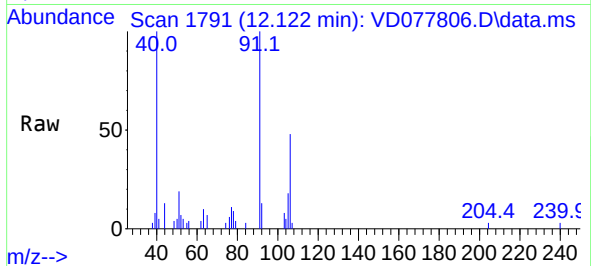




#54
o-Xylene
Concen: 0.366 ug/L
RT: 12.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077806.D
Acq: 11 Dec 2023 11:23

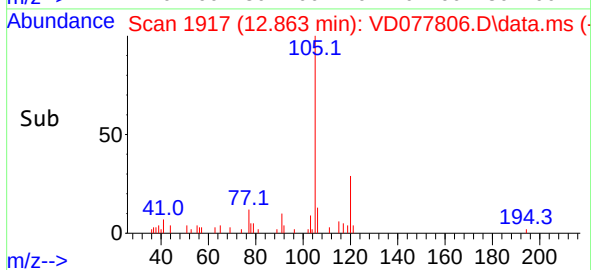
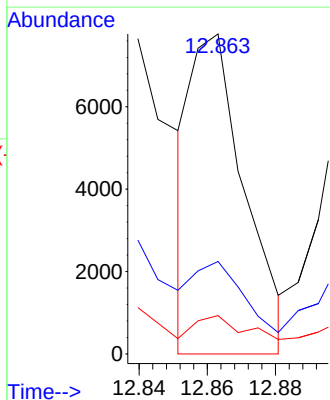
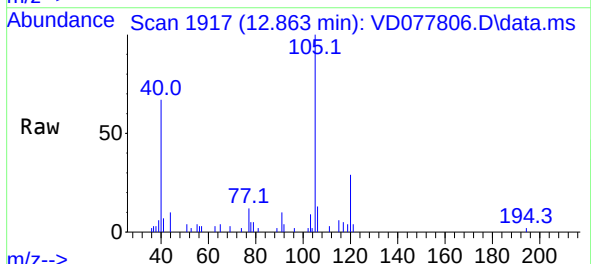
Instrument :
MSVOA_D
ClientSampleId :

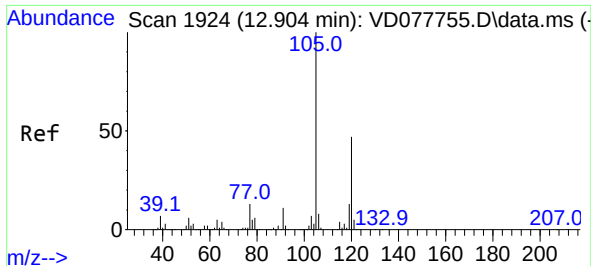
Tgt Ion:106 Resp: 4075
Ion Ratio Lower Upper
106 100
91 206.4 152.2 282.7



#60
Isopropylbenzene
Concen: 0.347 ug/L
RT: 12.863 min Scan# 1917
Delta R.T. 0.441 min
Lab File: VD077806.D
Acq: 11 Dec 2023 11:23

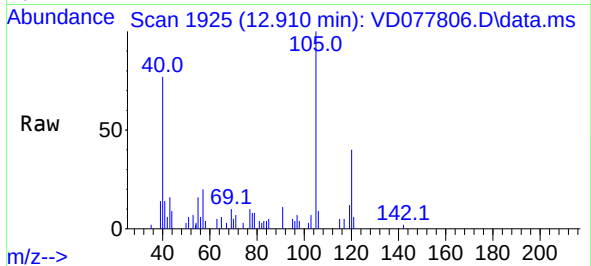
Tgt Ion:105 Resp: 8457
Ion Ratio Lower Upper
105 100
120 30.6 21.3 31.9
77 13.5 12.6 18.8



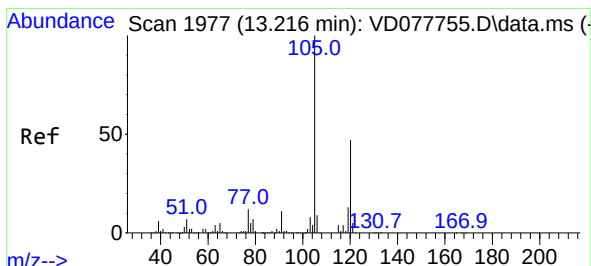
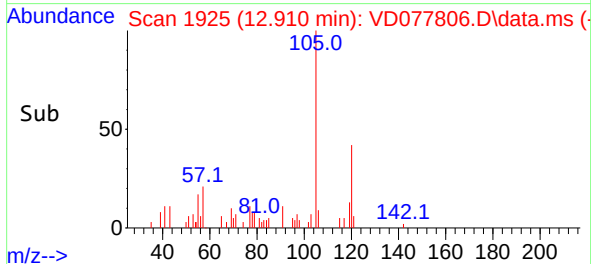
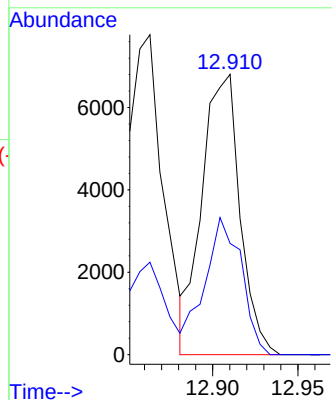


#62
1,3,5-Trimethylbenzene
Concen: 0.577 ug/L
RT: 12.910 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077806.D
Acq: 11 Dec 2023 11:23

Instrument :
MSVOA_D
ClientSampleId :

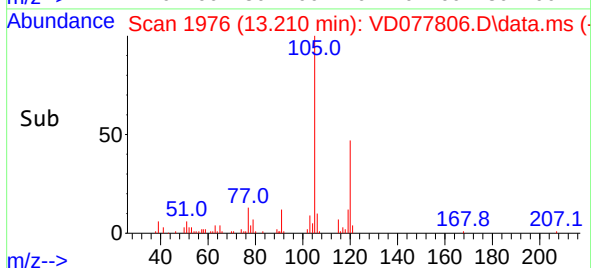
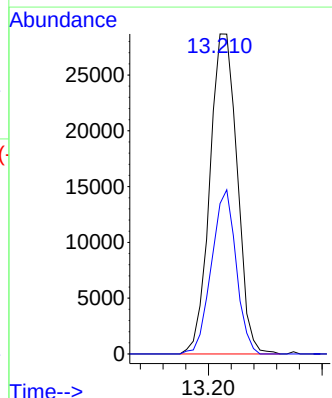
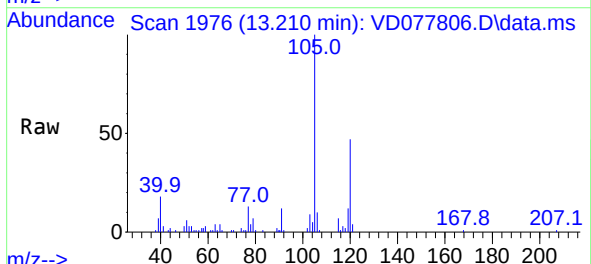


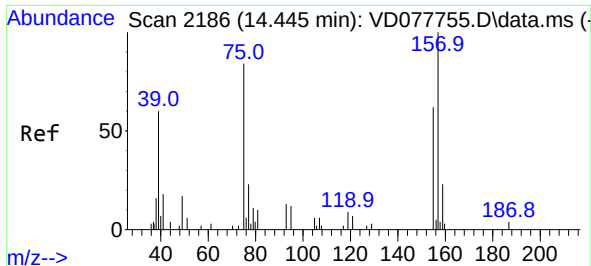
Tgt Ion:105 Resp: 10569
Ion Ratio Lower Upper
105 100
120 47.4 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 2.579 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD077806.D
Acq: 11 Dec 2023 11:23

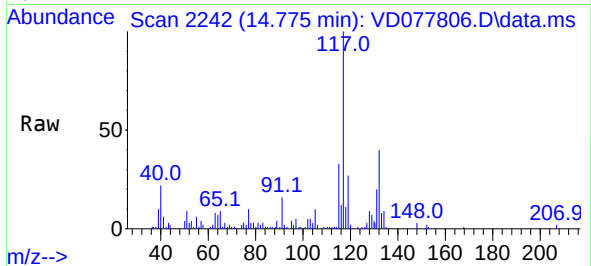
Tgt Ion:105 Resp: 47927
Ion Ratio Lower Upper
105 100
120 46.1 37.1 55.7



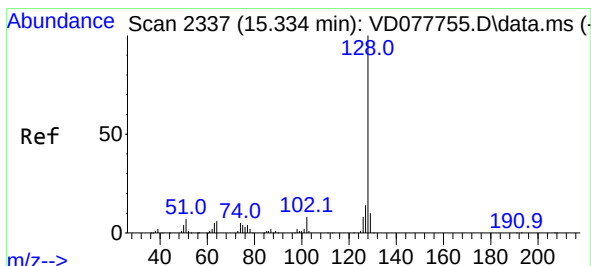
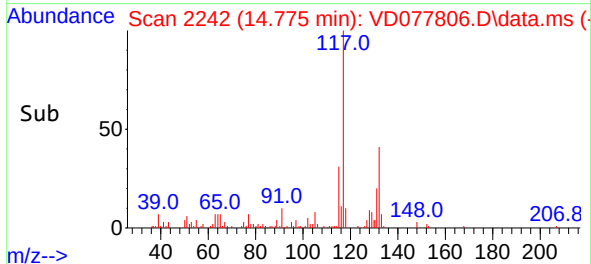
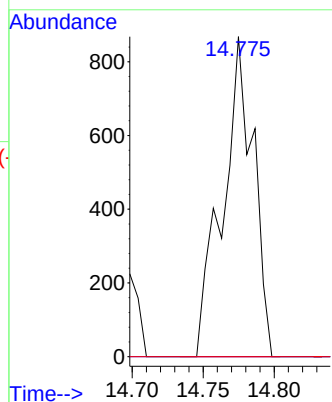


#68
1,2-Dibromo-3-chloropropane
Concen: 1.847 ug/L
RT: 14.775 min Scan# 2186
Delta R.T. 0.324 min
Lab File: VD077806.D
Acq: 11 Dec 2023 11:23

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 1310
Ion Ratio Lower Upper
75 100
155 0.0 69.2 103.8#
157 0.0 86.6 130.0#



#71
Naphthalene
Concen: 0.666 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. -0.006 min
Lab File: VD077806.D
Acq: 11 Dec 2023 11:23

Tgt Ion: 128 Resp: 7427
Ion Ratio Lower Upper
128 100
127 23.5 10.5 15.7#
129 18.2 8.7 13.1#

