

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112221\
 Data File : VX025257.D
 Acq On : 22 Nov 2021 17:28
 Operator : JC/MD
 Sample : M4779-06DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 23 01:22:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 23 01:15:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	171799	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	158380	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	84953	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	52759	44.999	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.000%
7) Chloroethane-d5	1.666	69	45467	46.986	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.980%
11) 1,1-Dichloroethene-d2	2.307	63	66462	35.552	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.100%
21) 2-Butanone-d5	4.452	46	83892	96.122	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.120%
24) Chloroform-d	5.056	84	96723	47.203	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.958	65	60655	47.489	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.980%
32) Benzene-d6	5.977	84	199628	47.558	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.120%
36) 1,2-Dichloropropane-d6	7.312	67	61128	47.035	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.080%
41) Toluene-d8	8.653	98	185163	46.734	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.460%
43) trans-1,3-Dichloroprop...	8.952	79	29669	45.407	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.820%
47) 2-Hexanone-d5	9.385	63	65775	97.228	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.230%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	89000	48.456	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.920%
66) 1,2-Dichlorobenzene-d4	12.323	152	79642	47.798	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						Qvalue
14) Carbon disulfide	2.520	76	1971	0.869	ug/L	97
33) Benzene	6.044	78	122270	28.898	ug/L	100
37) 1,2-Dichloropropane	7.312	63	6851	6.456	ug/L #	85
39) cis-1,3-Dichloropropene	8.324	75	1950	1.128	ug/L #	67
42) Toluene	8.720	91	340780	73.032	ug/L	100
44) trans-1,3-Dichloropropene	8.952	75	1416	0.852	ug/L	90
45) 1,1,2-Trichloroethane	9.013	97	1819	1.615	ug/L #	17
52) Ethylbenzene	10.195	91	301101	60.042	ug/L	100
53) m,p-Xylene	10.299	106	128578	63.297	ug/L	100
54) o-Xylene	10.640	106	72994	35.898	ug/L	95
55) Styrene	10.659	104	22958	6.795	ug/L	89
60) Isopropylbenzene	10.964	105	12412	2.273	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	29040	6.359	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	98974	21.451	ug/L #	80
68) 1,2-Dibromo-3-chloropr...	12.969	75	3824	9.468	ug/L #	1
71) Naphthalene	13.786	128	8524981	1640.615	ug/L #	91

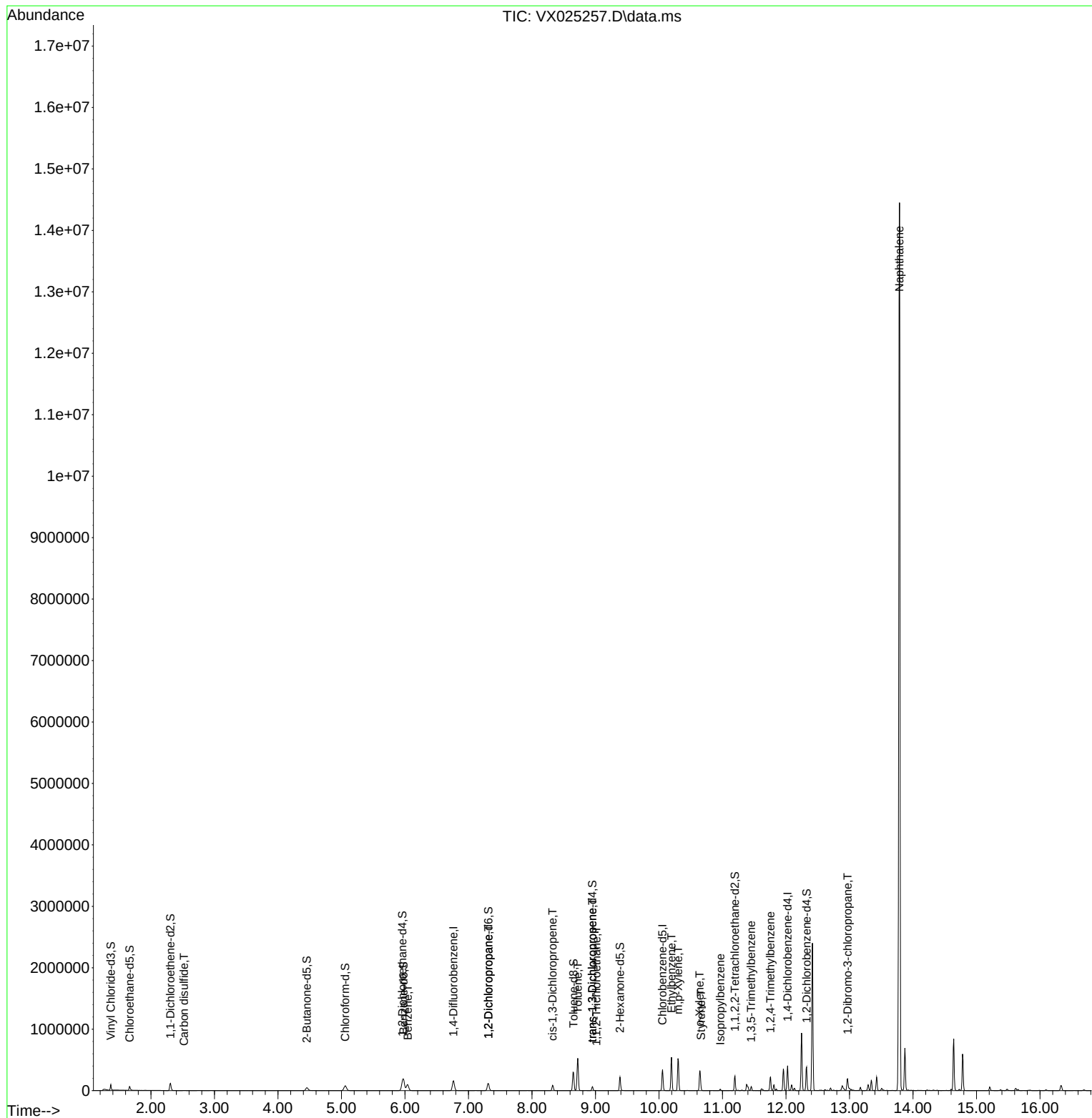
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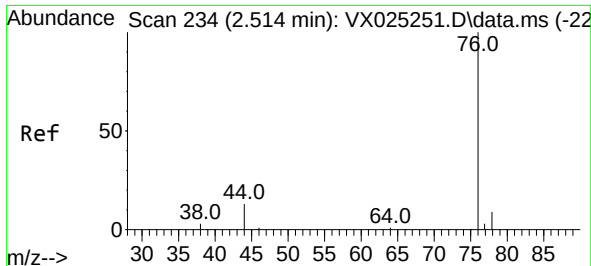
Instrument :
MSVOA_X
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112221\
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ClientSampleId :

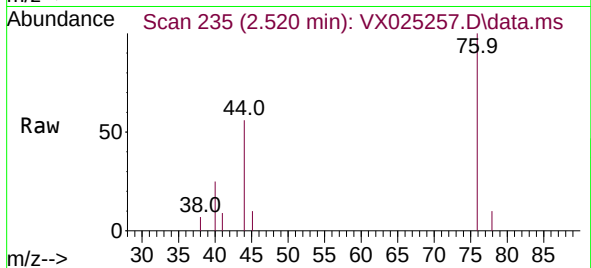
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 23 01:15:08 2021
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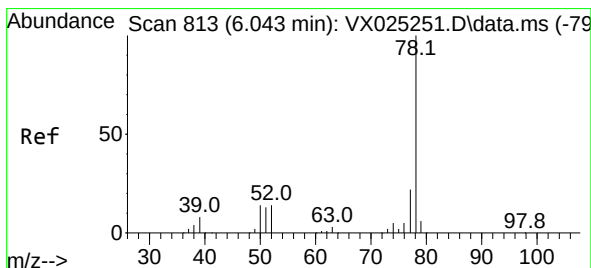
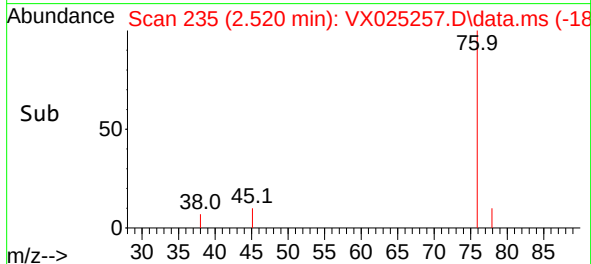
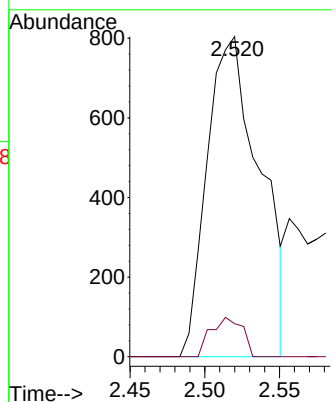


#14
Carbon disulfide
Concen: 0.869 ug/L
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX025257.D
Acq: 22 Nov 2021 17:28

Instrument :
MSVOA_X
ClientSampleId :

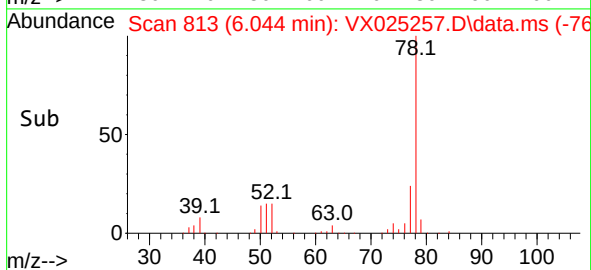
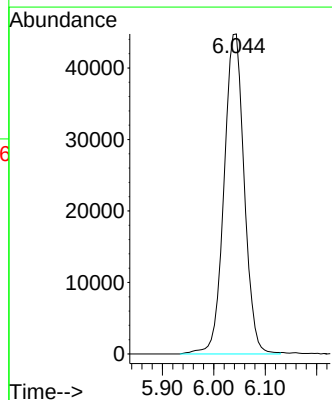
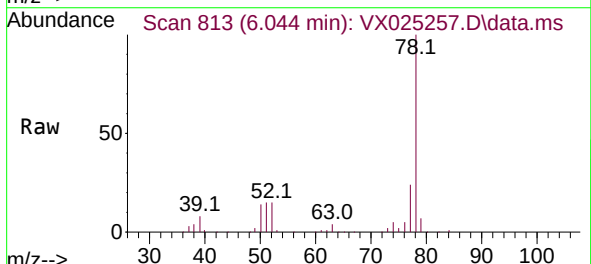


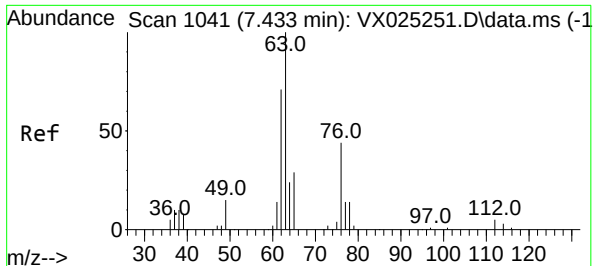
Tgt Ion: 76 Resp: 1971
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.2



#33
Benzene
Concen: 28.898 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX025257.D
Acq: 22 Nov 2021 17:28

Tgt Ion: 78 Resp: 122270





#37

1,2-Dichloropropane

Concen: 6.456 ug/L

RT: 7.312 min Scan# 1187

Delta R.T. -0.122 min

Lab File: VX025257.D

Acq: 22 Nov 2021 17:28

Instrument :

MSVOA_X

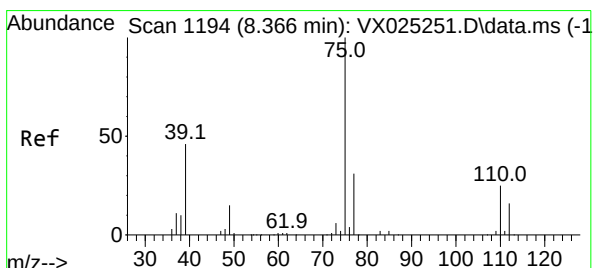
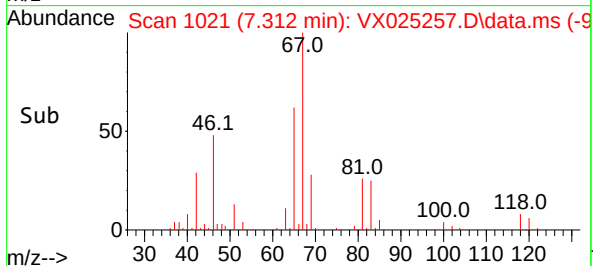
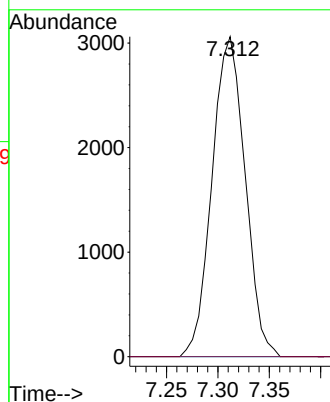
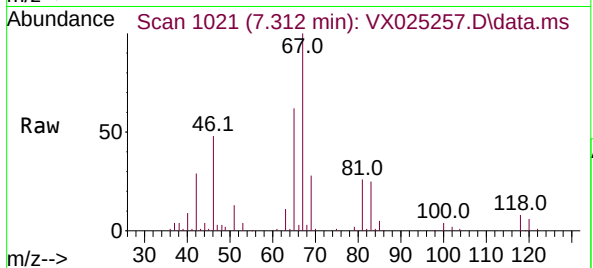
ClientSampleId :

Tgt Ion: 63 Resp: 6851

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 1.128 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.042 min

Lab File: VX025257.D

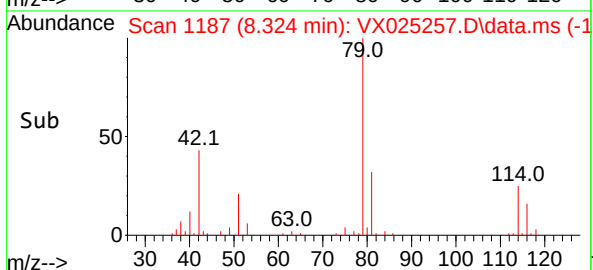
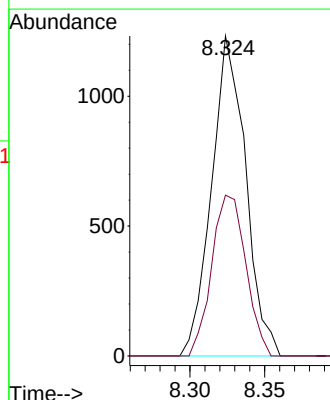
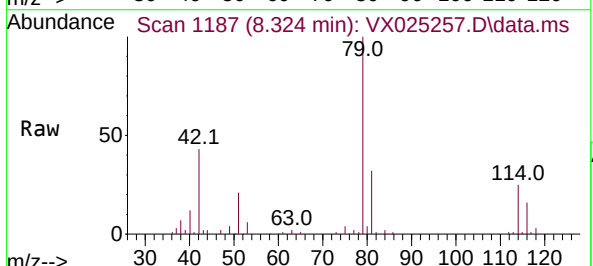
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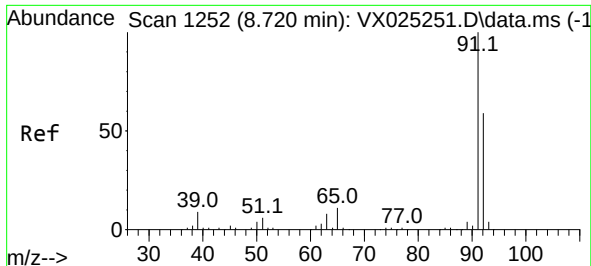
Tgt Ion: 75 Resp: 1950

Ion Ratio Lower Upper

75 100

77 50.2 22.3 41.3#

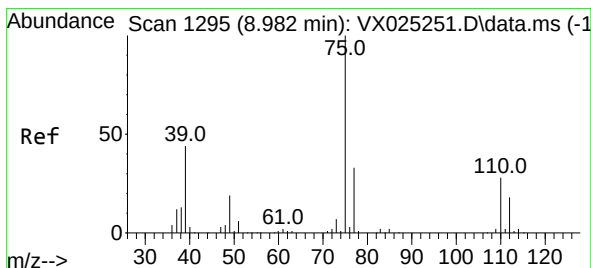
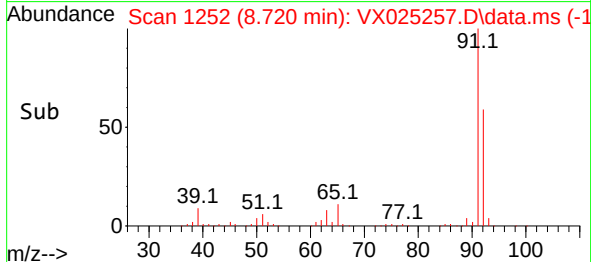
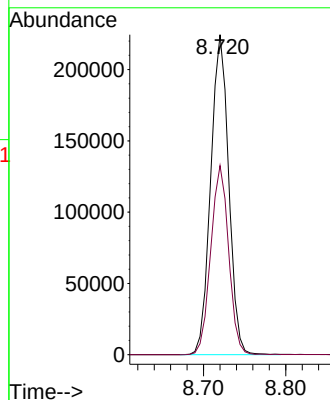
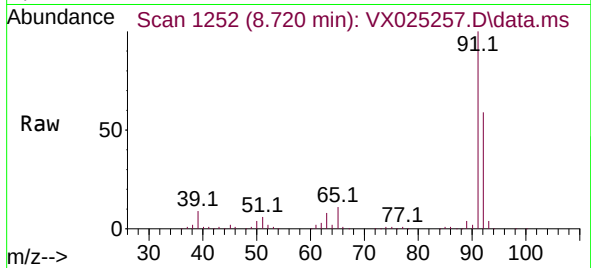




#42
Toluene
Concen: 73.032 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX025257.D
Acq: 22 Nov 2021 17:28

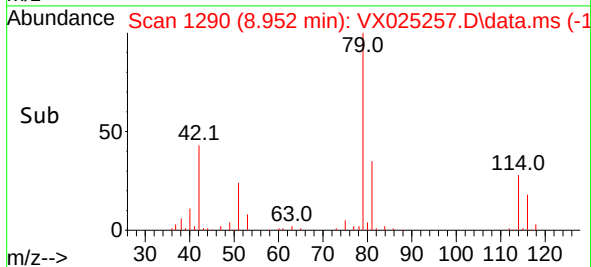
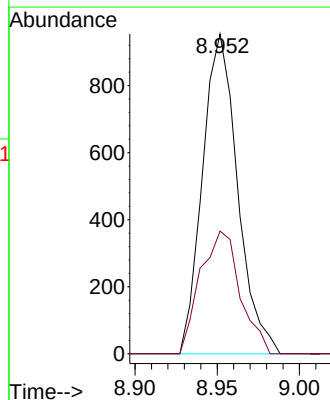
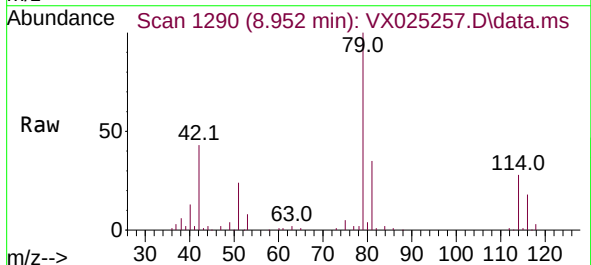
Instrument :
MSVOA_X
ClientSampleId :

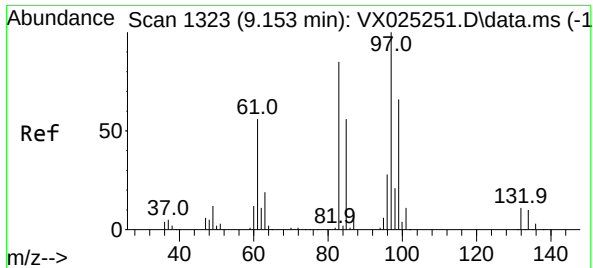
Tgt Ion: 91 Resp: 340780
Ion Ratio Lower Upper
91 100
92 59.1 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 0.852 ug/L
RT: 8.952 min Scan# 1290
Delta R.T. -0.030 min
Lab File: VX025257.D
Acq: 22 Nov 2021 17:28

Tgt Ion: 75 Resp: 1416
Ion Ratio Lower Upper
75 100
77 38.4 23.0 42.8

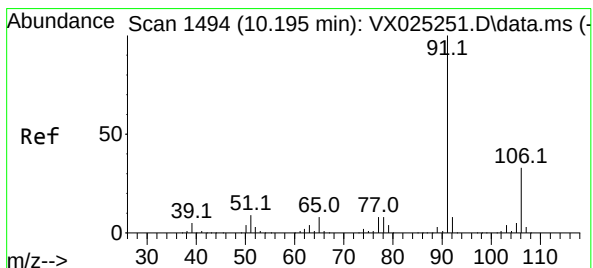
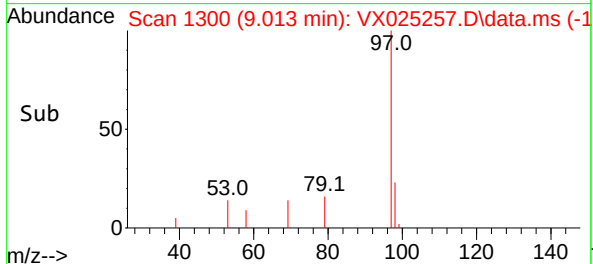
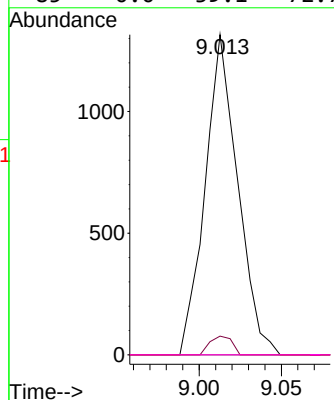
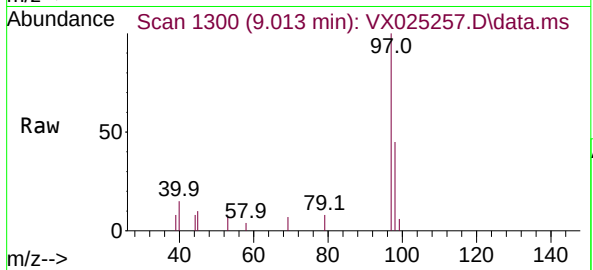




#45
1,1,2-Trichloroethane
Concen: 1.615 ug/L
RT: 9.013 min Scan# 11
Delta R.T. -0.140 min
Lab File: VX025257.D
Acq: 22 Nov 2021 17:28

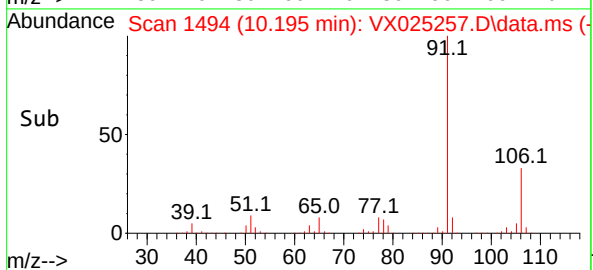
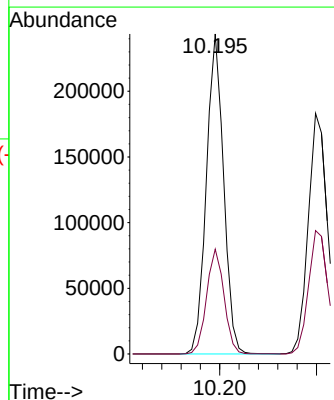
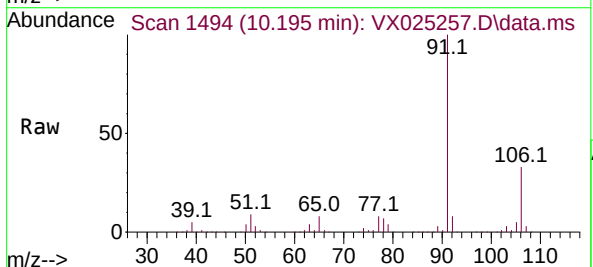
Instrument :
MSVOA_X
ClientSampleId :

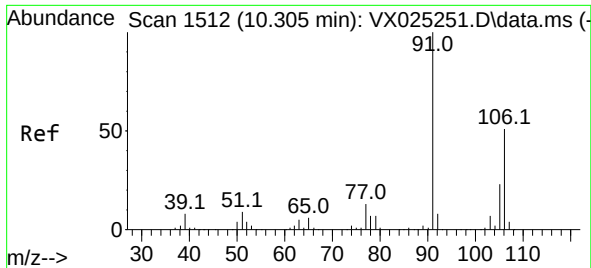
Tgt Ion: 97	Resp:	1819
Ion Ratio	Lower	Upper
97	100	
99	5.9	46.0 85.4#
83	0.0	59.6 110.8#
85	0.0	39.1 72.7#



#52
Ethylbenzene
Concen: 60.042 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025257.D
Acq: 22 Nov 2021 17:28

Tgt Ion: 91	Resp:	301101
Ion Ratio	Lower	Upper
91	100	
106	32.8	23.1 42.9

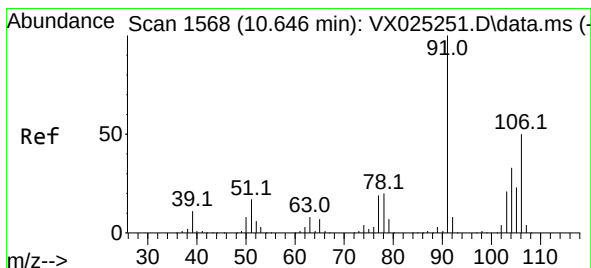
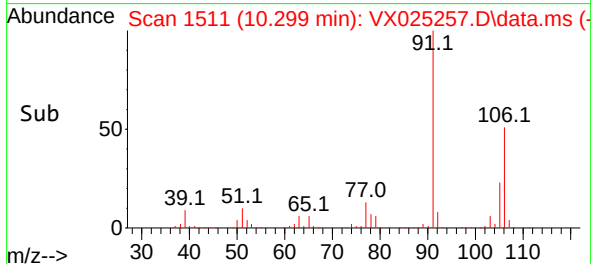
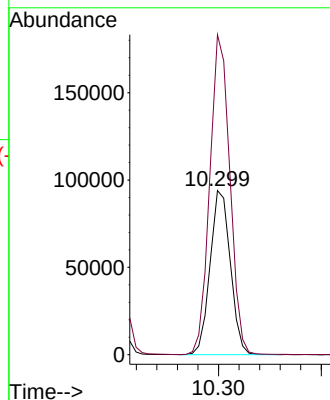
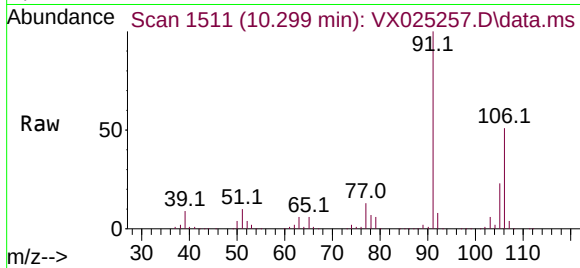




#53
m,p-Xylene
Concen: 63.297 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX025257.D
Acq: 22 Nov 2021 17:28

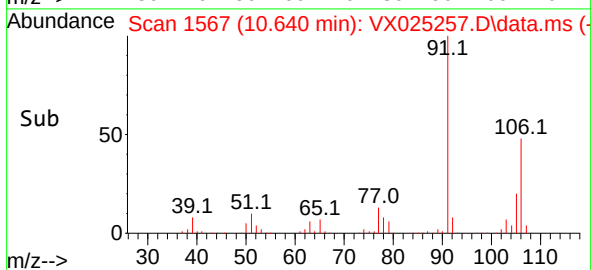
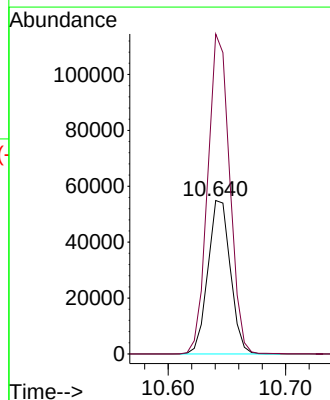
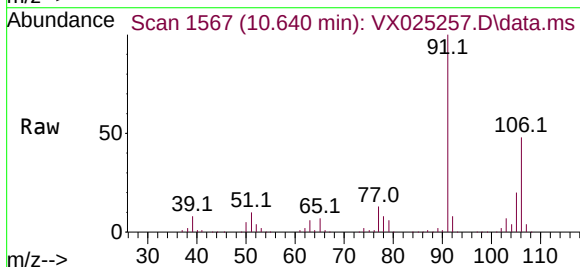
Instrument :
MSVOA_X
ClientSampleId :

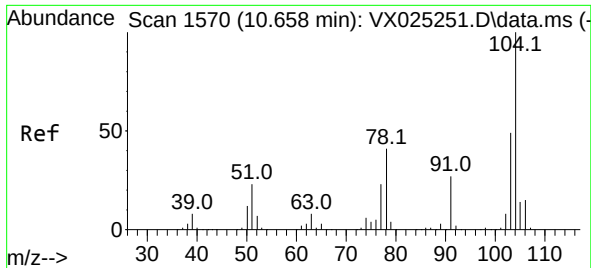
Tgt Ion:106 Resp: 128578
Ion Ratio Lower Upper
106 100
91 195.0 136.8 254.2



#54
o-Xylene
Concen: 35.898 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX025257.D
Acq: 22 Nov 2021 17:28

Tgt Ion:106 Resp: 72994
Ion Ratio Lower Upper
106 100
91 208.5 140.5 260.9

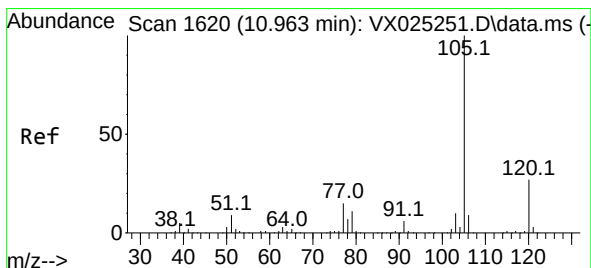
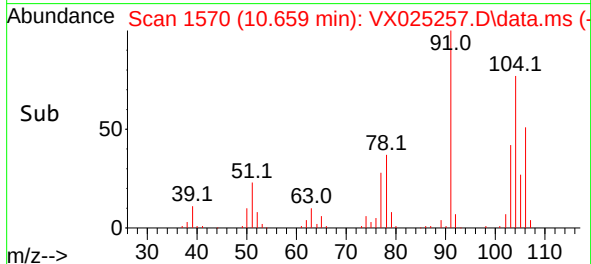
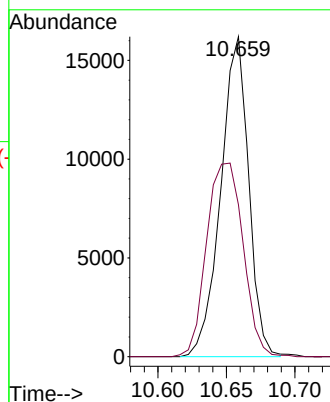
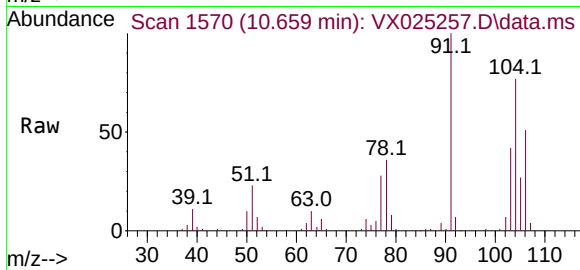




#55
Styrene
Concen: 6.795 ug/L
RT: 10.659 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025257.D
Acq: 22 Nov 2021 17:28

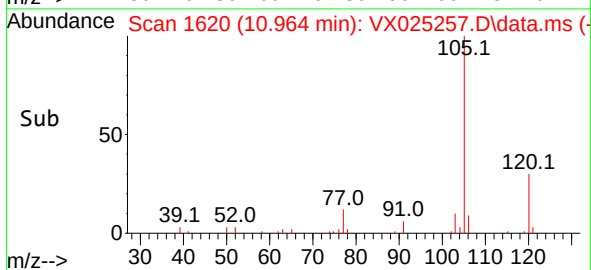
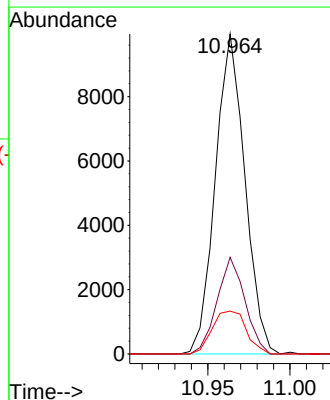
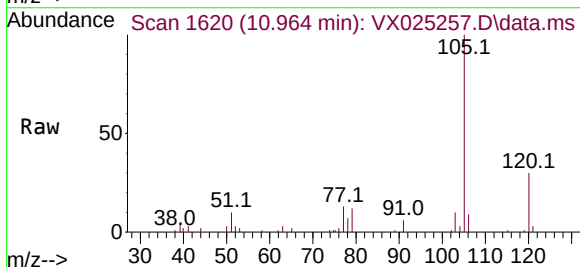
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MSVOA_X
ClientSampleId :

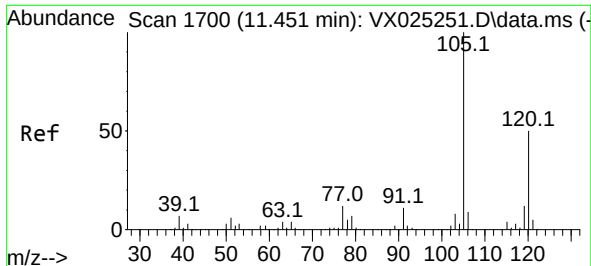
Tgt Ion:104 Resp: 22958
Ion Ratio Lower Upper
104 100
78 47.5 28.6 53.0



#60
Isopropylbenzene
Concen: 2.273 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX025257.D
Acq: 22 Nov 2021 17:28

Tgt Ion:105 Resp: 12412
Ion Ratio Lower Upper
105 100
120 28.5 22.3 33.5
77 15.5 11.5 17.3





#62

1,3,5-Trimethylbenzene

Concen: 6.359 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX025257.D

Acq: 22 Nov 2021 17:28

Instrument :

MSVOA_X

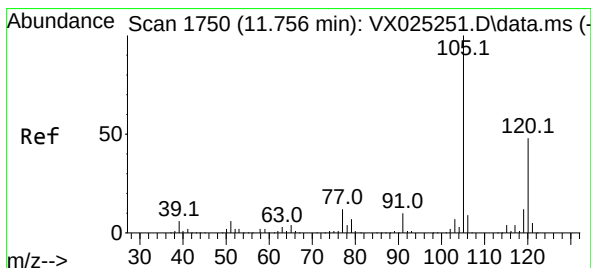
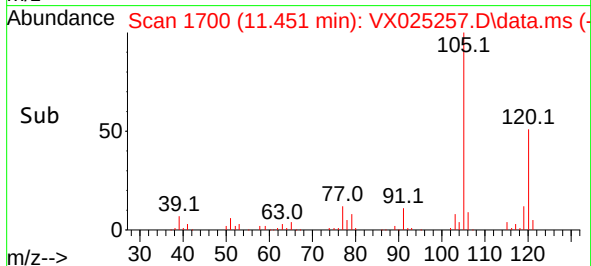
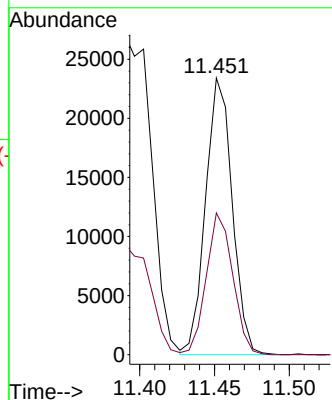
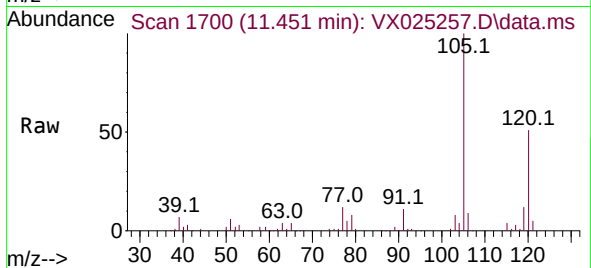
ClientSampleId :

Tgt Ion:105 Resp: 29040

Ion Ratio Lower Upper

105 100

120 50.8 41.0 61.4



#63

1,2,4-Trimethylbenzene

Concen: 21.451 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX025257.D

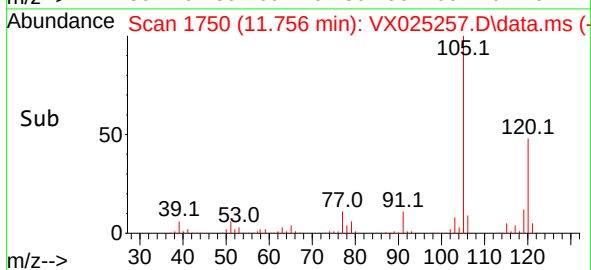
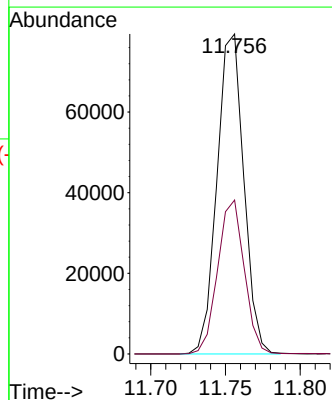
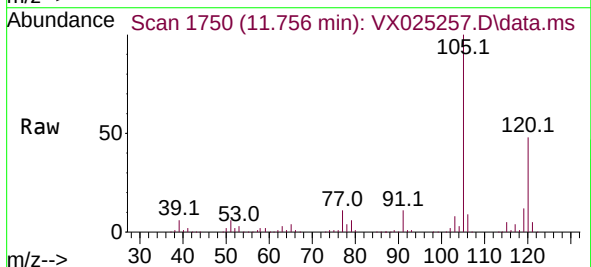
Acq: 22 Nov 2021 17:28

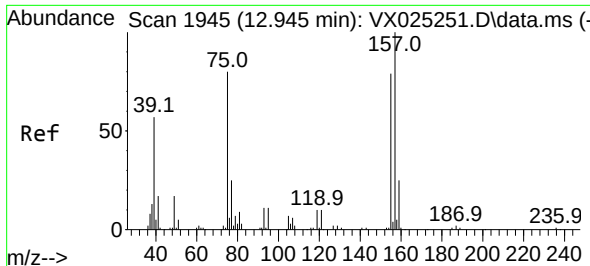
Tgt Ion:105 Resp: 98974

Ion Ratio Lower Upper

105 100

120 47.8 0.1 0.1#

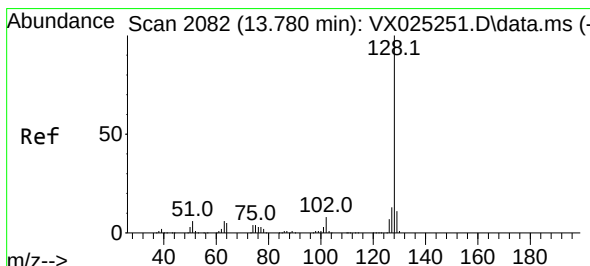
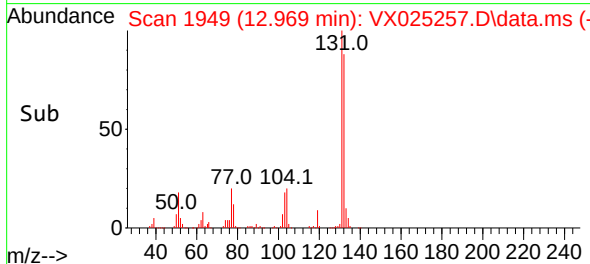
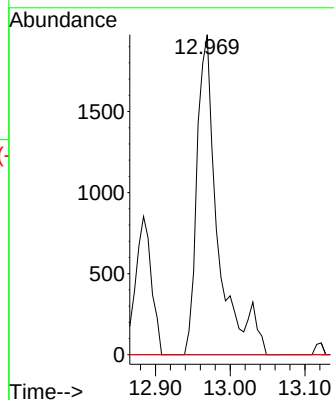
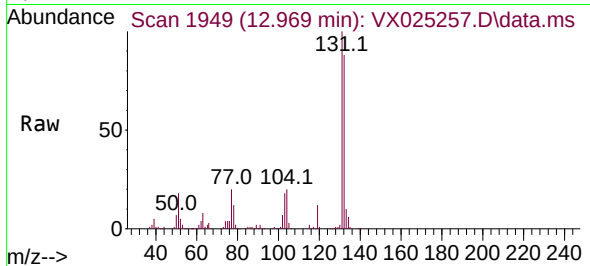




#68
1,2-Dibromo-3-chloropropane
Concen: 9.468 ug/L
RT: 12.969 min Scan# 1949
Delta R.T. 0.025 min
Lab File: VX025257.D
Acq: 22 Nov 2021 17:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 3824
Ion Ratio Lower Upper
75 100
155 0.0 79.4 119.2#
157 0.0 100.4 150.6#



#71
Naphthalene
Concen: 1640.615 ug/L
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX025257.D
Acq: 22 Nov 2021 17:28

Tgt Ion:128 Resp: 8524981
Ion Ratio Lower Upper
128 100
127 16.4 10.1 15.1#
129 14.2 8.7 13.1#

