

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122521\
 Data File : VX026043.D
 Acq On : 25 Dec 2021 18:51
 Operator : JC/MD
 Sample : M5213-05 10X
 Misc : 6.57G/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 27 05:16:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 23 21:00:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	255268	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	239497	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	147158	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	73109	40.387	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.780%		
7) Chloroethane-d5	1.654	69	63282	43.744	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.480%		
11) 1,1-Dichloroethene-d2	2.307	63	114166	31.826	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.660%		
21) 2-Butanone-d5	4.465	46	133360	84.974	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.970%		
24) Chloroform-d	5.062	84	131647	36.341	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	72.680%		
26) 1,2-Dichloroethane-d4	5.958	65	109406	44.607	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.220%		
32) Benzene-d6	5.977	84	322793	46.825	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.660%		
36) 1,2-Dichloropropane-d6	7.312	67	104374	48.709	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.420%		
41) Toluene-d8	8.653	98	296036	45.994	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.980%		
43) trans-1,3-Dichloroprop...	8.952	79	38150	40.921	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.840%		
47) 2-Hexanone-d5	9.384	63	120825	109.254	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	109.250%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	226083	71.553	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	143.100%#		
66) 1,2-Dichlorobenzene-d4	12.323	152	148058	53.243	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.480%		
Target Compounds						Qvalue
25) Chloroform	5.099	83	27203	7.568	ug/L	98
33) Benzene	6.044	78	56924	7.485	ug/L	100
35) Methylcyclohexane	7.385	83	12687	4.120	ug/L	89
39) cis-1,3-Dichloropropene	8.324	75	3009	1.085	ug/L #	46
42) Toluene	8.720	91	113898	14.063	ug/L	99
45) 1,1,2-Trichloroethane	9.104	97	10386	5.570	ug/L #	19
48) 2-Hexanone	9.384	43	69851	28.298	ug/L #	36
52) Ethylbenzene	10.201	91	5508452	627.112	ug/L	98
53) m,p-Xylene	10.311	106	7285220	2172.713	ug/L	71
54) o-Xylene	10.646	106	2101178	632.640	ug/L	95
55) Styrene	10.646	104	104898	18.709	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	11.220	83	78612	25.090	ug/L #	35
60) Isopropylbenzene	10.964	105	422317	41.770	ug/L	96
62) 1,3,5-Trimethylbenzene	11.457	105	2536325	299.614	ug/L	96
63) 1,2,4-Trimethylbenzene	11.762	105	7058655	832.338	ug/L #	79
68) 1,2-Dibromo-3-chloropr...	12.969	75	17169	22.163	ug/L #	1
71) Naphthalene	13.780	128	3581359	351.273	ug/L	98

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 27 05:16:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 23 21:00:32 2021
Response via : Initial Calibration

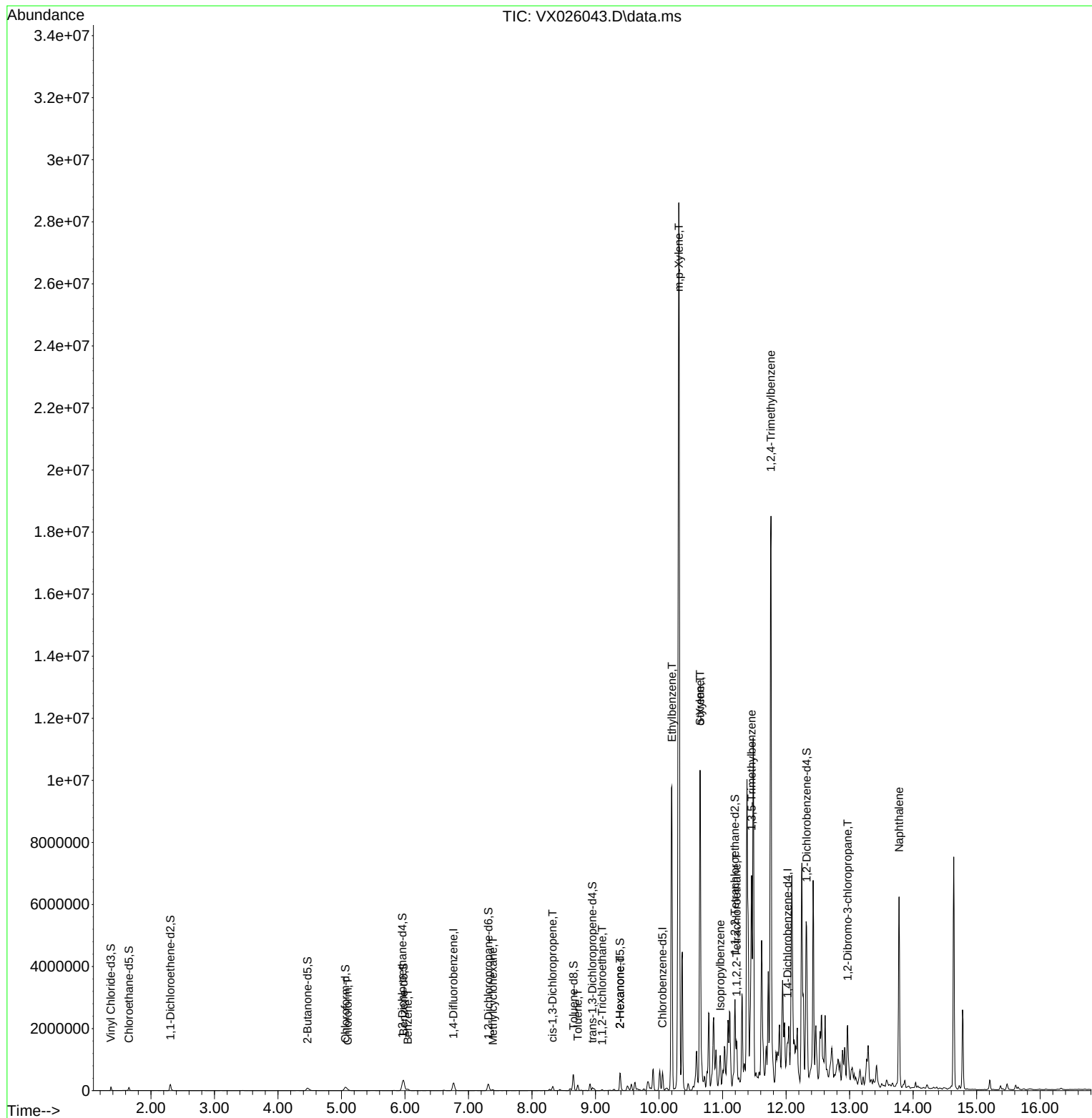
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

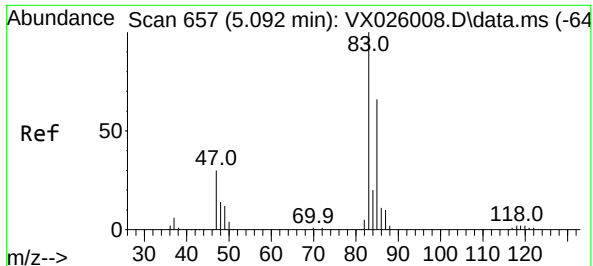
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122521\
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 27 05:16:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 23 21:00:32 2021
Response via : Initial Calibration





#25

Chloroform

Concen: 7.568 ug/L

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX026043.D

Acq: 25 Dec 2021 18:51

Instrument :

MSVOA_X

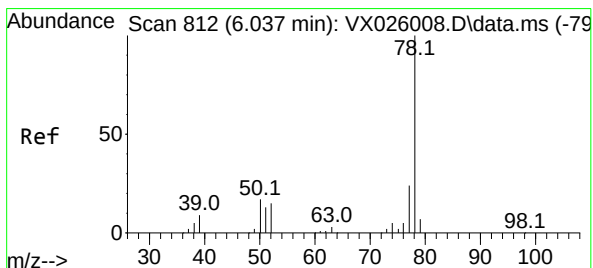
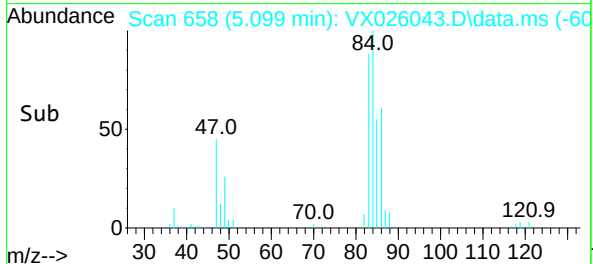
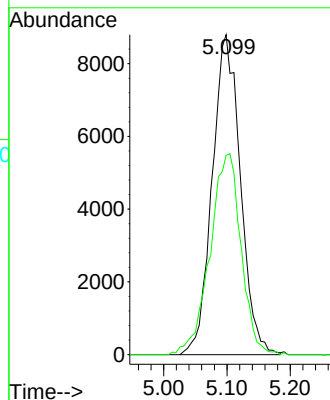
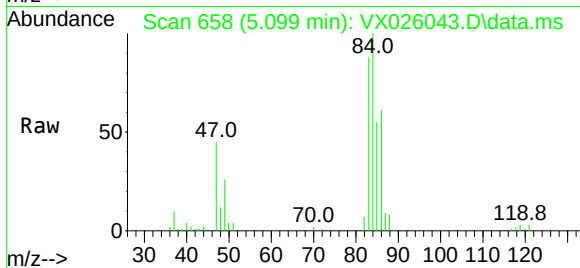
ClientSampleId :

Tgt Ion: 83 Resp: 27203

Ion Ratio Lower Upper

83 100

85 62.3 44.9 83.5



#33

Benzene

Concen: 7.485 ug/L

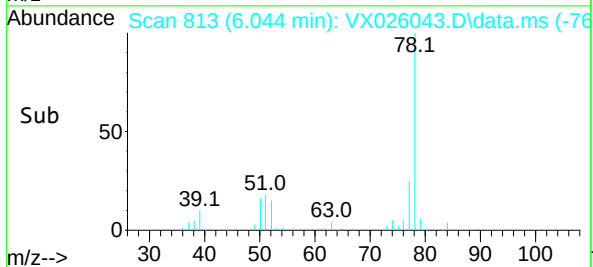
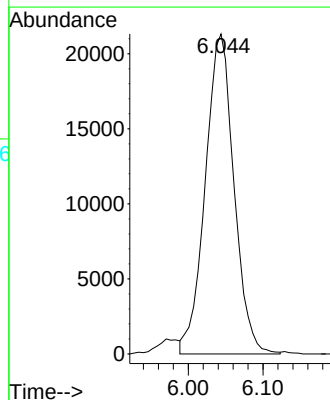
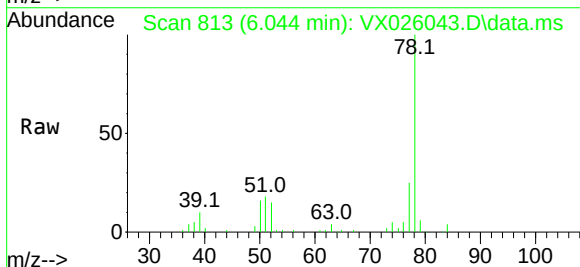
RT: 6.044 min Scan# 813

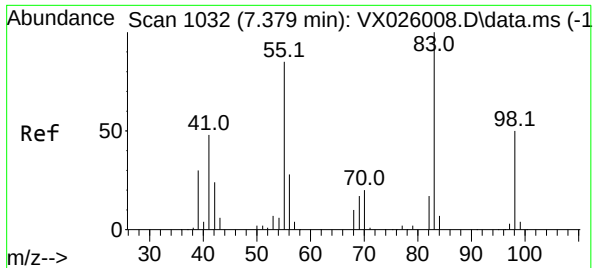
Delta R.T. 0.000 min

Lab File: VX026043.D

Acq: 25 Dec 2021 18:51

Tgt Ion: 78 Resp: 56924





#35

Methylcyclohexane

Concen: 4.120 ug/L

RT: 7.385 min Scan# 1187

Delta R.T. 0.000 min

Lab File: VX026043.D

Acq: 25 Dec 2021 18:51

Instrument :

MSVOA_X

ClientSampleId :

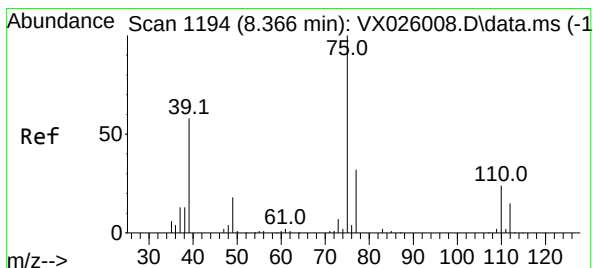
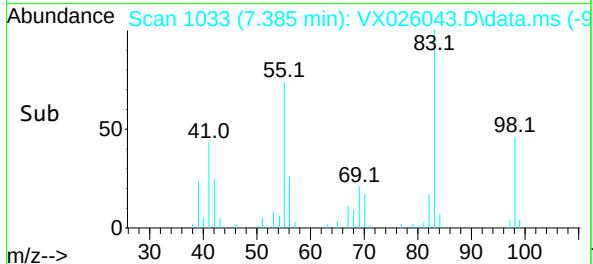
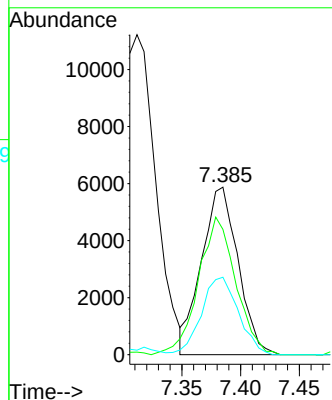
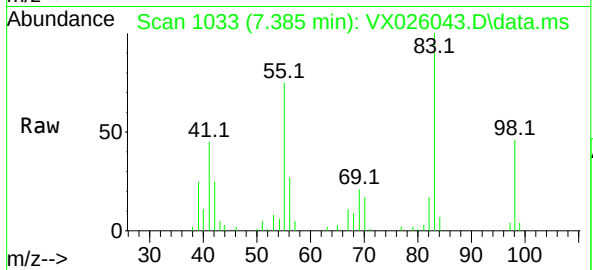
Tgt Ion: 83 Resp: 12687

Ion Ratio Lower Upper

83 100

55 83.9 57.3 85.9

98 46.9 41.1 61.7



#39

cis-1,3-Dichloropropene

Concen: 1.085 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.043 min

Lab File: VX026043.D

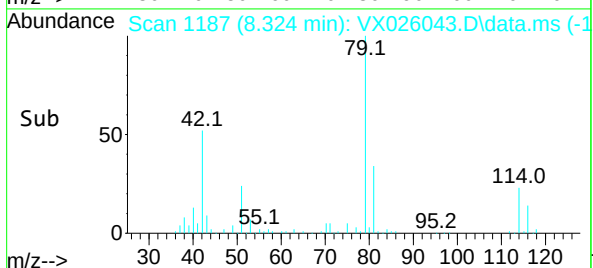
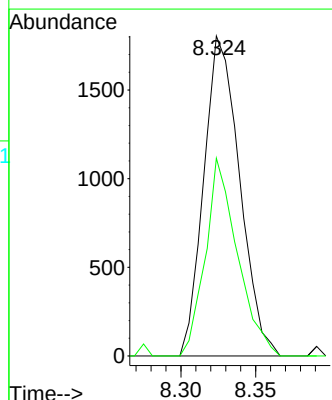
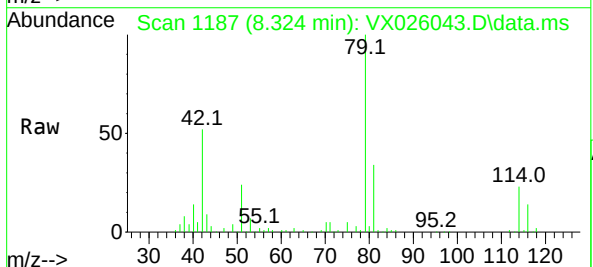
Acq: 25 Dec 2021 18:51

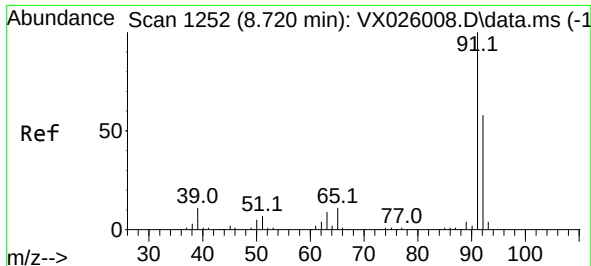
Tgt Ion: 75 Resp: 3009

Ion Ratio Lower Upper

75 100

77 61.8 22.3 41.3#

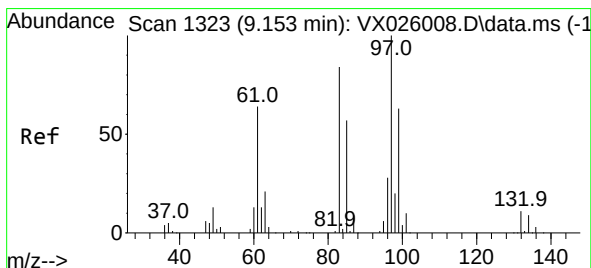
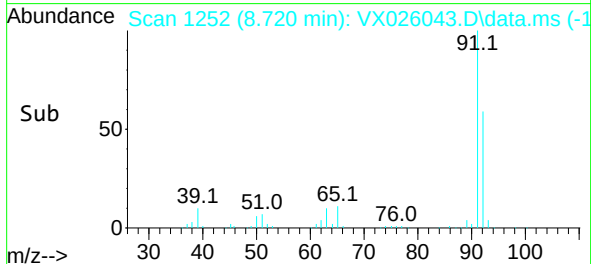
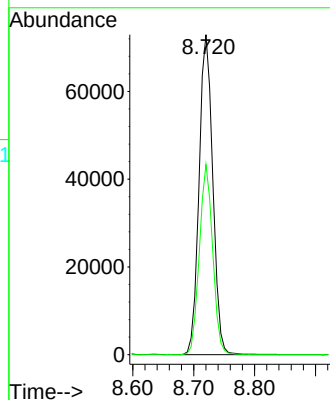
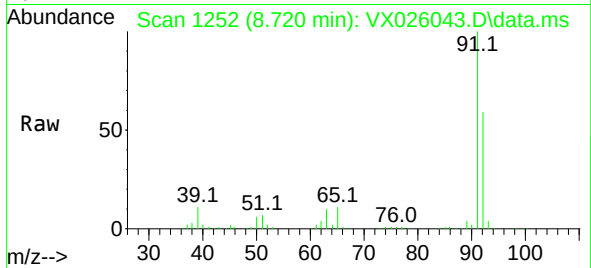




#42
Toluene
Concen: 14.063 ug/L
RT: 8.720 min Scan# 113898
Delta R.T. 0.000 min
Lab File: VX026043.D
Acq: 25 Dec 2021 18:51

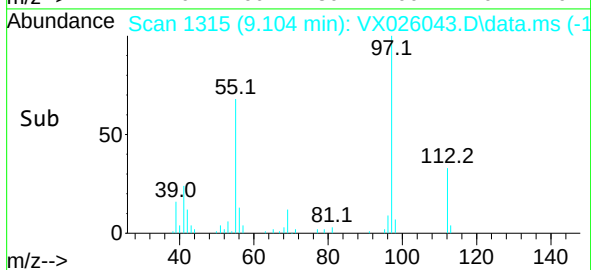
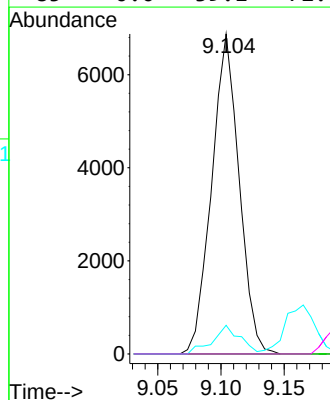
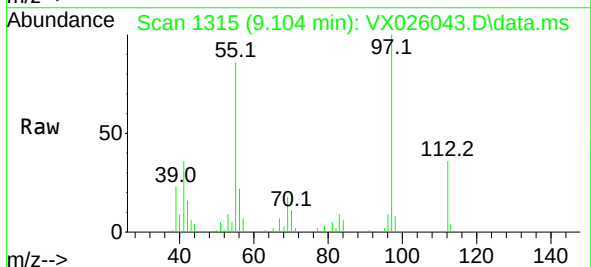
Instrument :
MSVOA_X
ClientSampleId :

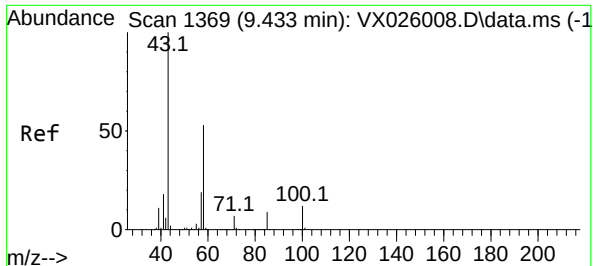
Tgt Ion: 91 Resp: 113898
Ion Ratio Lower Upper
91 100
92 59.5 41.2 76.6



#45
1,1,2-Trichloroethane
Concen: 5.570 ug/L
RT: 9.104 min Scan# 1315
Delta R.T. -0.049 min
Lab File: VX026043.D
Acq: 25 Dec 2021 18:51

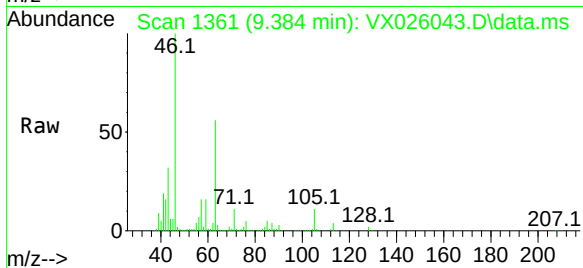
Tgt Ion: 97 Resp: 10386
Ion Ratio Lower Upper
97 100
99 0.0 46.0 85.4#
83 8.9 59.6 110.8#
85 0.0 39.1 72.7#



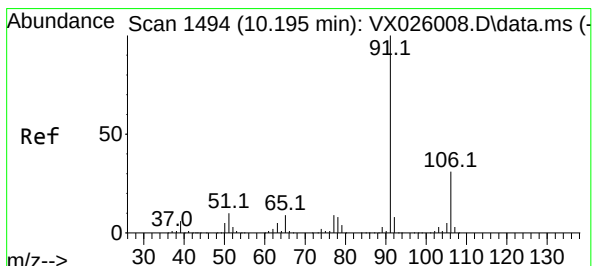
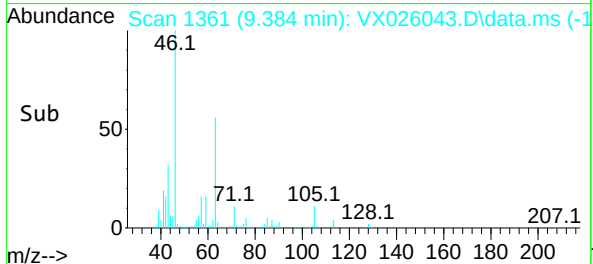
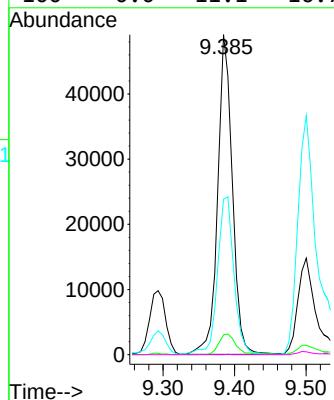


#48
2-Hexanone
Concen: 28.298 ug/L
RT: 9.384 min Scan# 1361
Delta R.T. -0.049 min
Lab File: VX026043.D
Acq: 25 Dec 2021 18:51

Instrument :
MSVOA_X
ClientSampleId :

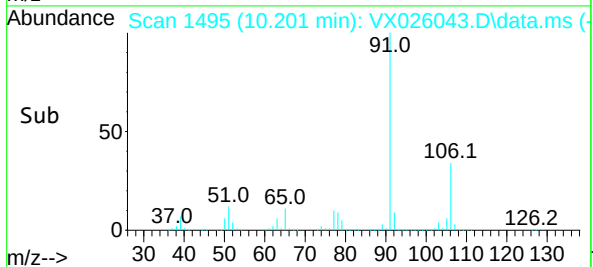
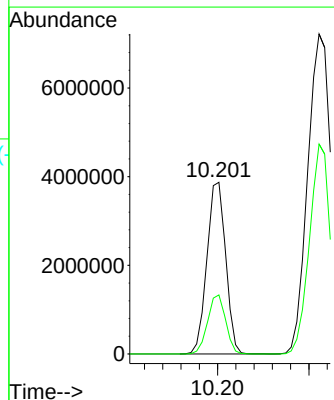
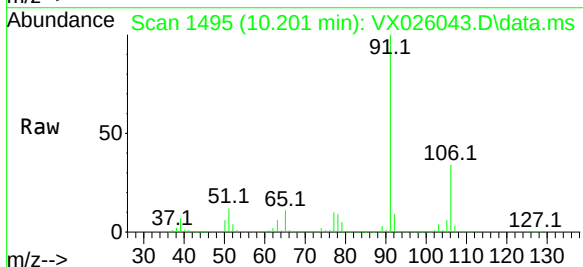


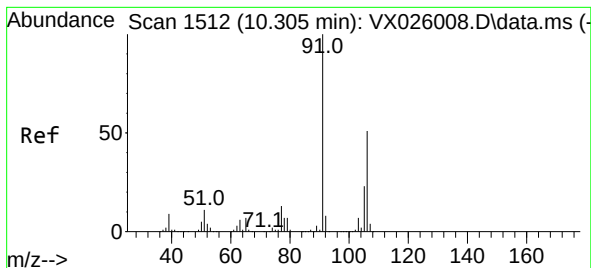
Tgt Ion: 43 Resp: 69851
Ion Ratio Lower Upper
43 100
58 7.5 44.2 66.4#
57 54.2 15.1 22.7#
100 0.0 11.1 16.7#



#52
Ethylbenzene
Concen: 627.112 ug/L
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX026043.D
Acq: 25 Dec 2021 18:51

Tgt Ion: 91 Resp: 5508452
Ion Ratio Lower Upper
91 100
106 34.4 23.1 42.9





#53

m,p-Xylene

Concen: 2172.713 ug/L

RT: 10.311 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX026043.D

Acq: 25 Dec 2021 18:51

Instrument :

MSVOA_X

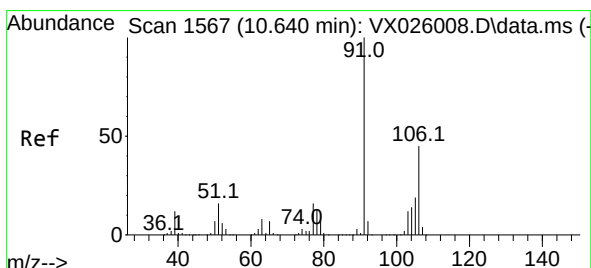
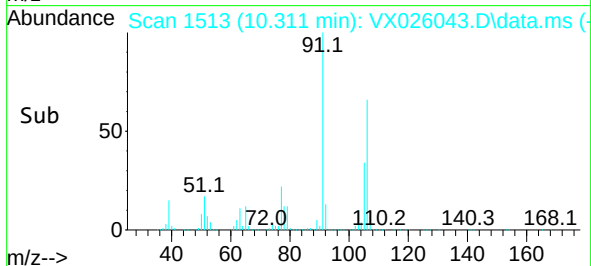
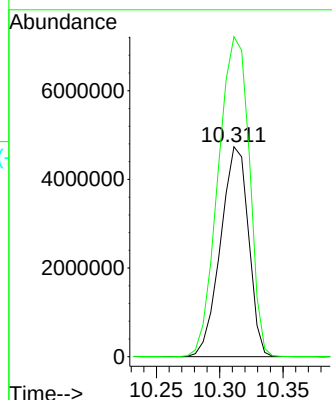
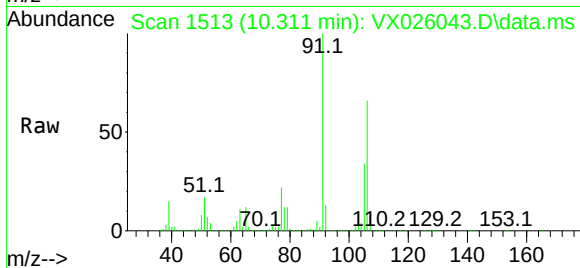
ClientSampleId :

Tgt Ion:106 Resp: 7285220

Ion Ratio Lower Upper

106 100

91 152.5 136.8 254.2



#54

o-Xylene

Concen: 632.640 ug/L

RT: 10.646 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VX026043.D

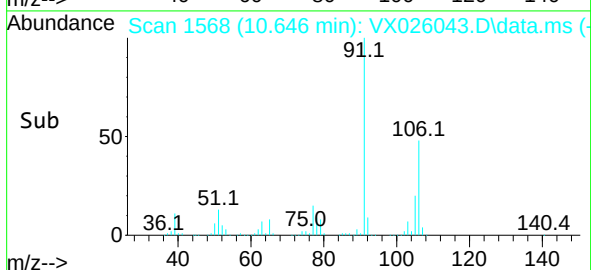
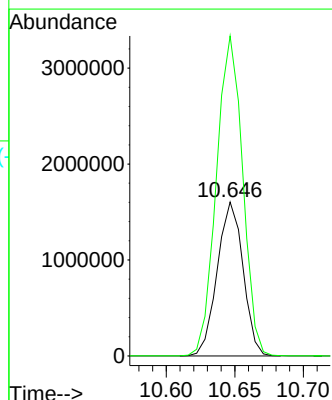
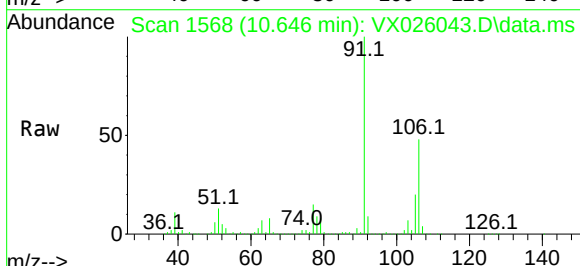
Acq: 25 Dec 2021 18:51

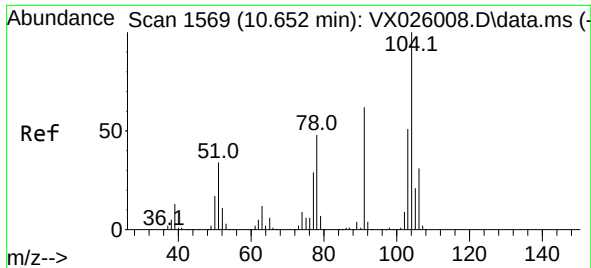
Tgt Ion:106 Resp: 2101178

Ion Ratio Lower Upper

106 100

91 207.8 140.5 260.9

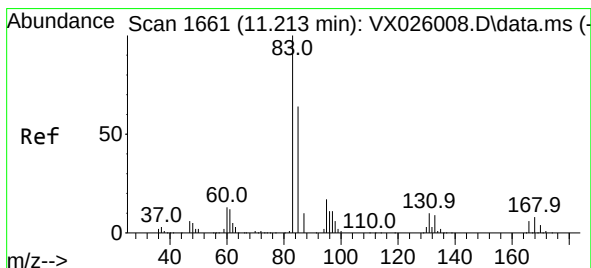
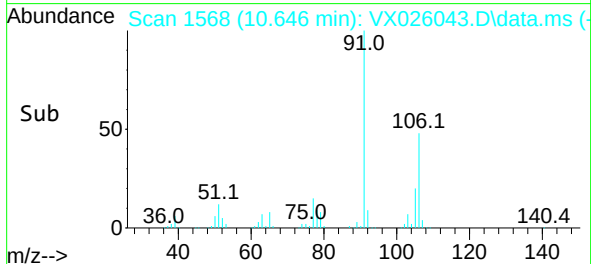
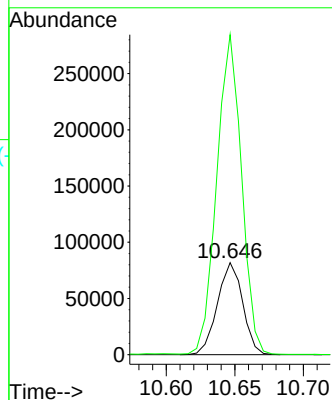
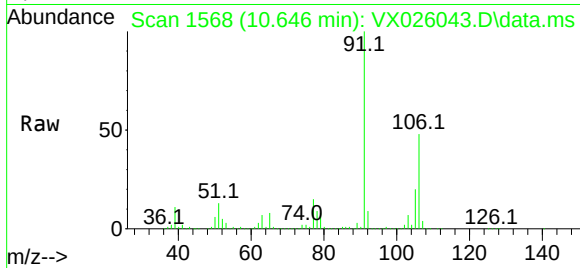




#55
Styrene
Concen: 18.709 ug/L
RT: 10.646 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX026043.D
Acq: 25 Dec 2021 18:51

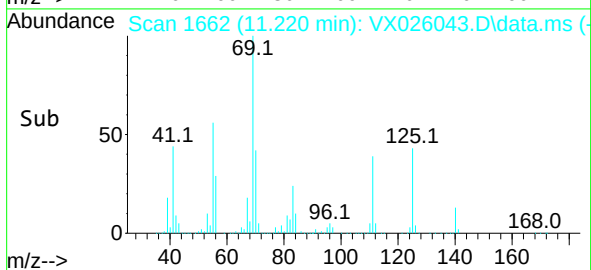
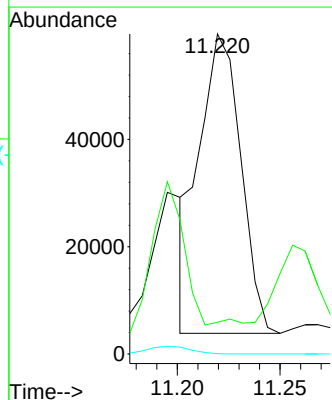
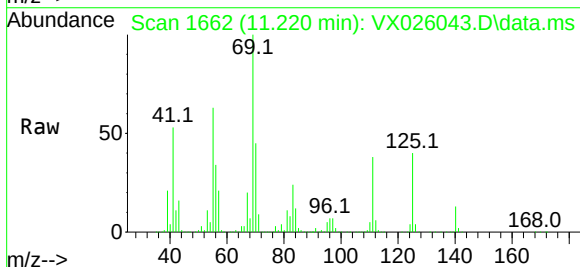
Instrument :
MSVOA_X
ClientSampleId :

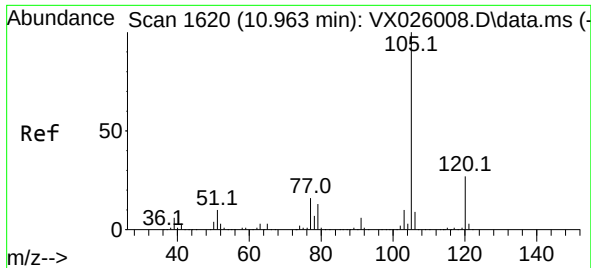
Tgt Ion:104 Resp: 104898
Ion Ratio Lower Upper
104 100
78 347.7 28.6 53.0#



#57
1,1,2,2-Tetrachloroethane
Concen: 25.090 ug/L
RT: 11.220 min Scan# 1662
Delta R.T. 0.006 min
Lab File: VX026043.D
Acq: 25 Dec 2021 18:51

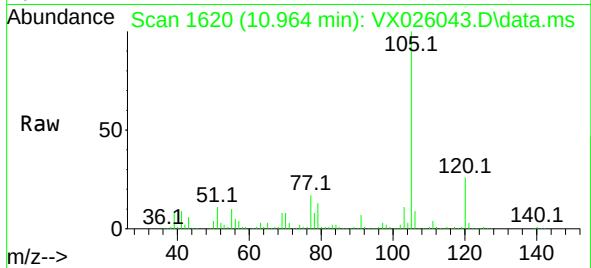
Tgt Ion: 83 Resp: 78612
Ion Ratio Lower Upper
83 100
85 9.9 47.0 87.2#
131 0.1 8.5 12.7#



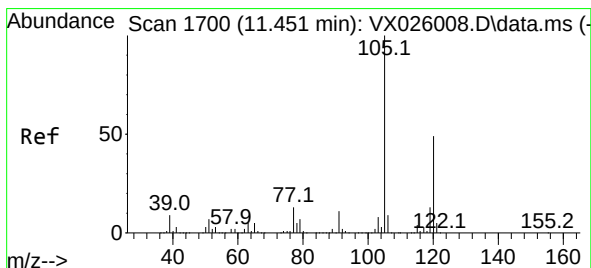
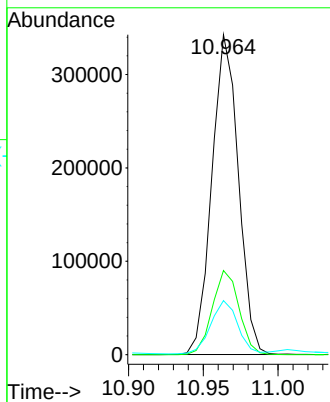
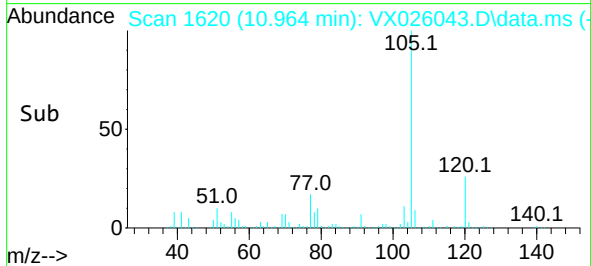


#60
Isopropylbenzene
Concen: 41.770 ug/L
RT: 10.964 min Scan# 110
Delta R.T. 0.000 min
Lab File: VX026043.D
Acq: 25 Dec 2021 18:51

Instrument :
MSVOA_X
ClientSampleId :

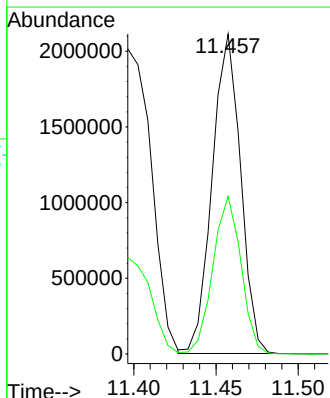
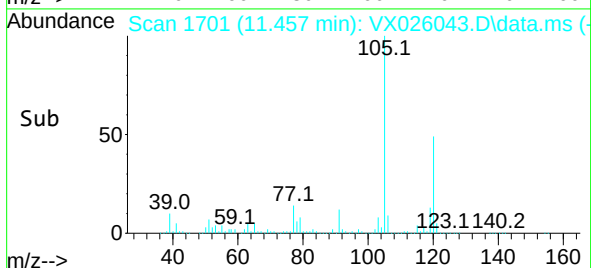
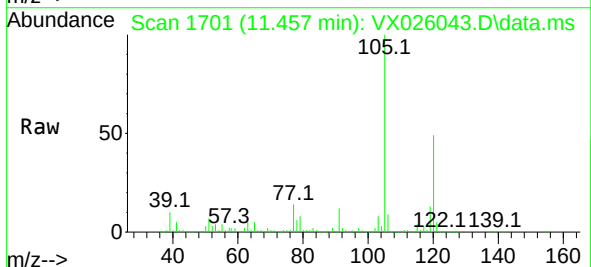


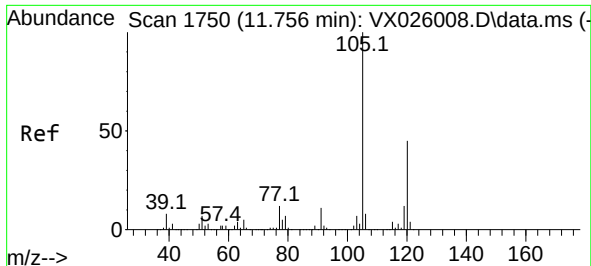
Tgt Ion:105 Resp: 422317
Ion Ratio Lower Upper
105 100
120 26.4 22.3 33.5
77 16.9 11.5 17.3



#62
1,3,5-Trimethylbenzene
Concen: 299.614 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX026043.D
Acq: 25 Dec 2021 18:51

Tgt Ion:105 Resp: 2536325
Ion Ratio Lower Upper
105 100
120 48.7 41.0 61.4

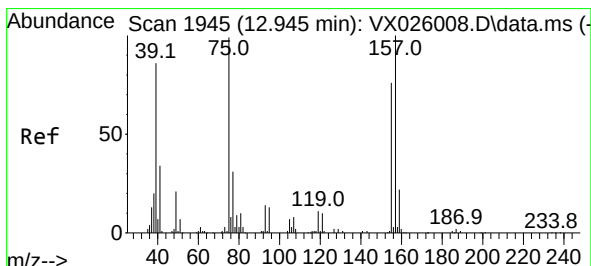
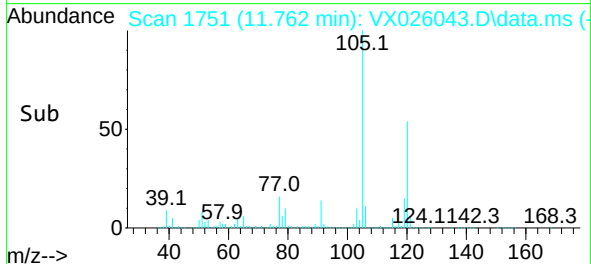
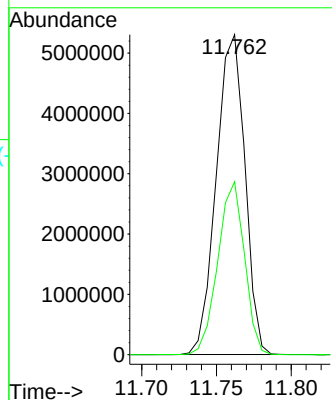
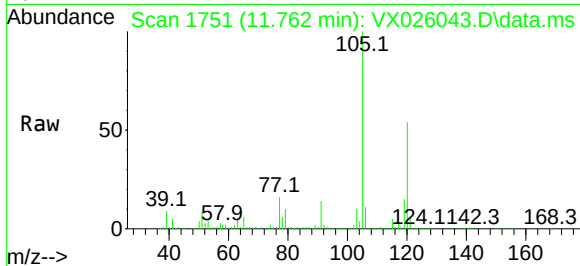




#63
 1,2,4-Trimethylbenzene
 Concen: 832.338 ug/L
 RT: 11.762 min Scan# 11750
 Delta R.T. 0.006 min
 Lab File: VX026043.D
 Acq: 25 Dec 2021 18:51

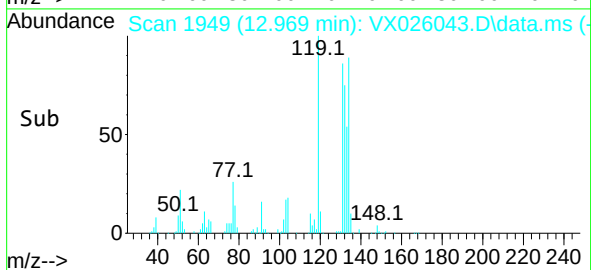
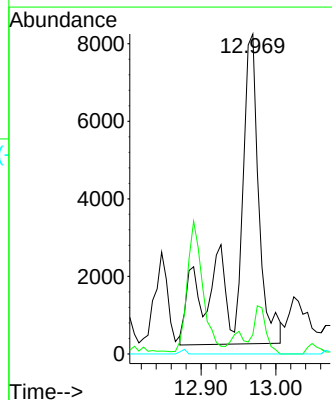
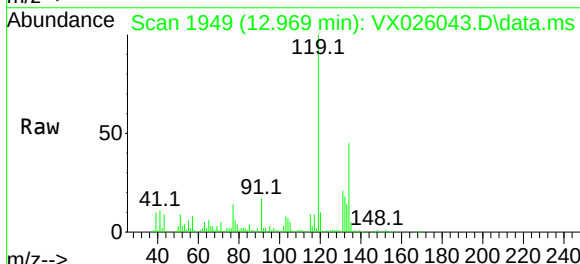
Instrument :
 MSVOA_X
 ClientSampleId :

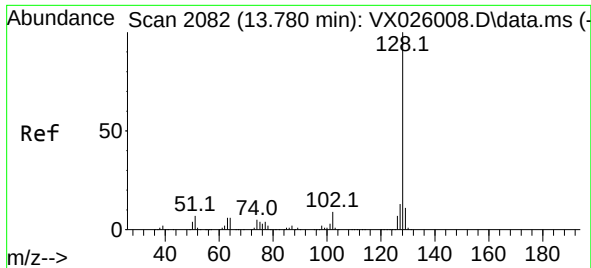
Tgt Ion:105 Resp: 7058655
 Ion Ratio Lower Upper
 105 100
 120 50.3 0.1 0.1#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 22.163 ug/L
 RT: 12.969 min Scan# 1949
 Delta R.T. 0.024 min
 Lab File: VX026043.D
 Acq: 25 Dec 2021 18:51

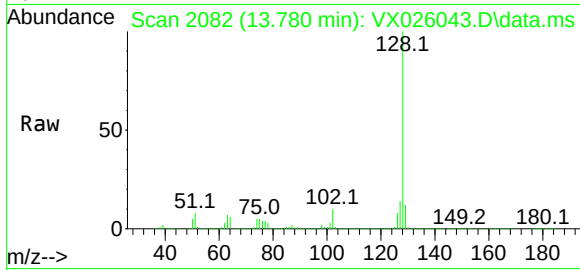
Tgt Ion: 75 Resp: 17169
 Ion Ratio Lower Upper
 75 100
 155 6.1 79.4 119.2#
 157 0.0 100.4 150.6#





#71
Naphthalene
Concen: 351.273 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX026043.D
Acq: 25 Dec 2021 18:51

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 3581359
Ion Ratio Lower Upper
128 100
127 13.5 10.1 15.1
129 11.7 8.7 13.1

