

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122521\
 Data File : VX026044.D
 Acq On : 25 Dec 2021 19:14
 Operator : JC/MD
 Sample : M5213-06 10X
 Misc : 6.00G/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 27 05:17:02 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	262246	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	245415	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	143198	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	74644	40.138	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.280%
7) Chloroethane-d5	1.654	69	64632	43.488	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.980%
11) 1,1-Dichloroethene-d2	2.307	63	128741	34.934	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.860%
21) 2-Butanone-d5	4.465	46	140974	87.435	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.440%
24) Chloroform-d	5.062	84	143397	38.531	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.060%
26) 1,2-Dichloroethane-d4	5.958	65	119070	47.255	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.520%
32) Benzene-d6	5.977	84	343658	48.650	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.300%
36) 1,2-Dichloropropane-d6	7.312	67	107833	49.109	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.220%
41) Toluene-d8	8.653	98	309601	46.942	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.880%
43) trans-1,3-Dichloroprop...	8.952	79	39043	40.869	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.740%
47) 2-Hexanone-d5	9.384	63	119297	105.271	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.270%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	197940	61.135	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	122.280%#
66) 1,2-Dichlorobenzene-d4	12.323	152	145298	53.695	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.400%
Target Compounds						Qvalue
25) Chloroform	5.099	83	27807	7.530	ug/L	97
33) Benzene	6.044	78	15793	2.027	ug/L	100
35) Methylcyclohexane	7.385	83	4664	1.478	ug/L #	87
39) cis-1,3-Dichloropropene	8.324	75	3100	1.091	ug/L	87
42) Toluene	8.720	91	61316	7.388	ug/L	100
44) trans-1,3-Dichloropropene	8.952	75	2177	0.807	ug/L	98
52) Ethylbenzene	10.195	91	2914978	323.855	ug/L	97
53) m,p-Xylene	10.305	106	3896129	1133.945	ug/L	92
54) o-Xylene	10.646	106	1073412	315.398	ug/L	93
55) Styrene	10.646	104	52575	9.151	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	11.220	83	42150	13.128	ug/L #	35
60) Isopropylbenzene	10.963	105	205688	20.907	ug/L	95
62) 1,3,5-Trimethylbenzene	11.457	105	1370046	166.318	ug/L	95
63) 1,2,4-Trimethylbenzene	11.756	105	4133355	500.873	ug/L #	80
68) 1,2-Dibromo-3-chloropr...	12.927	75	2379	3.156	ug/L #	10
71) Naphthalene	13.780	128	1264087	127.415	ug/L	99

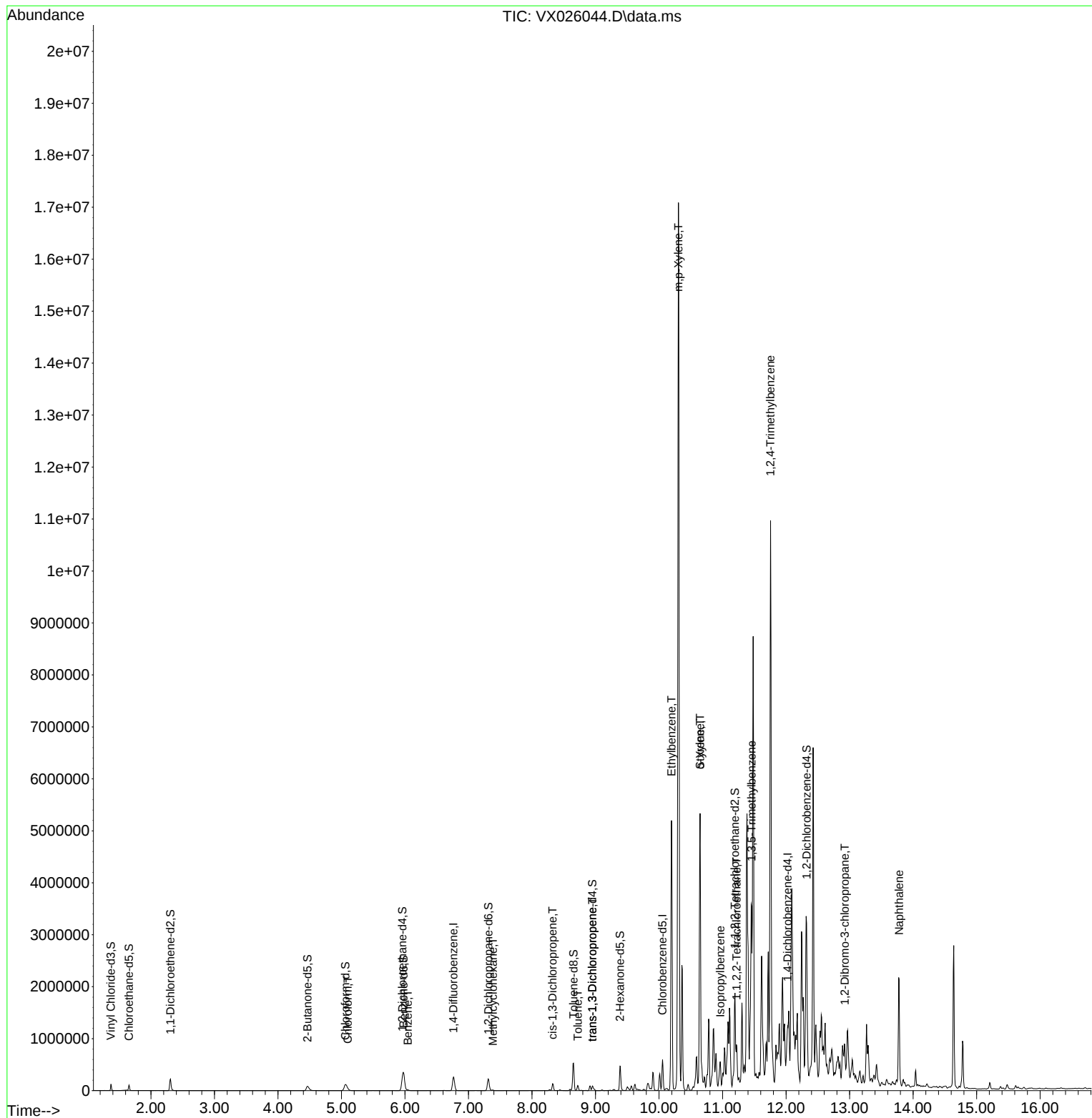
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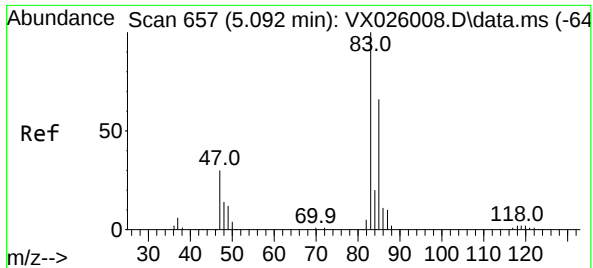
Instrument :
MSVOA_X
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122521\
Data File : VX026044.D
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 27 05:17:02 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

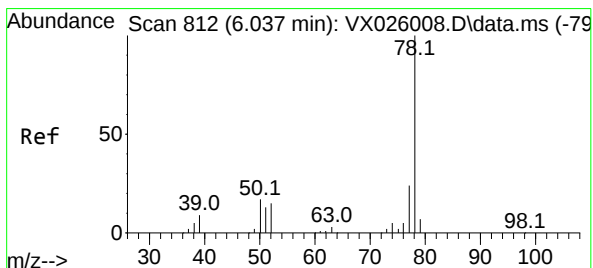
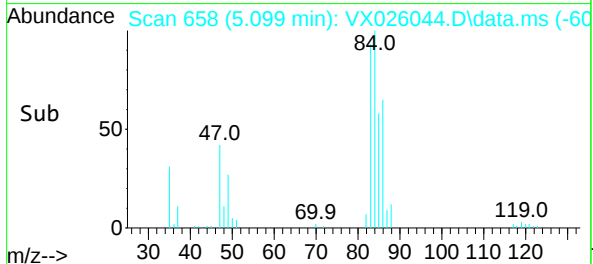
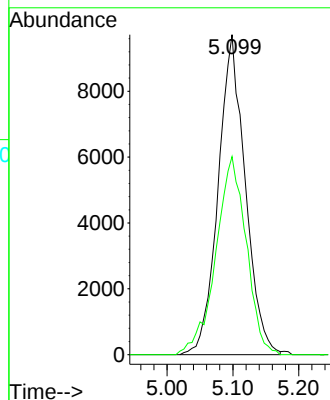
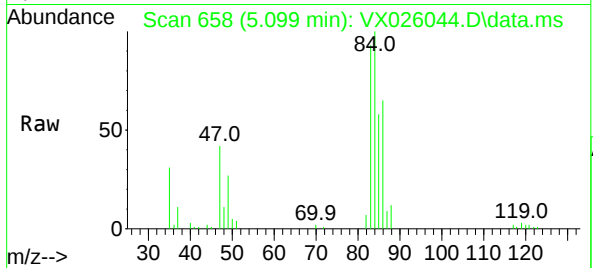




#25
Chloroform
Concen: 7.530 ug/L
RT: 5.099 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX026044.D
Acq: 25 Dec 2021 19:14

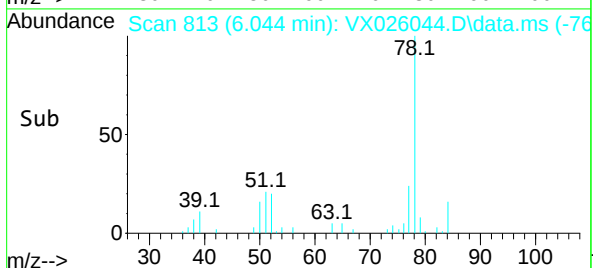
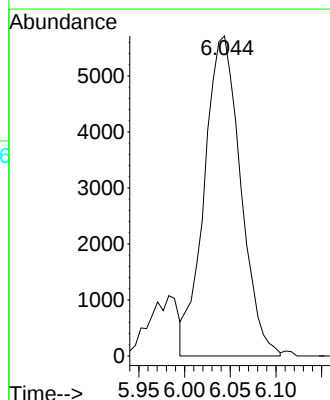
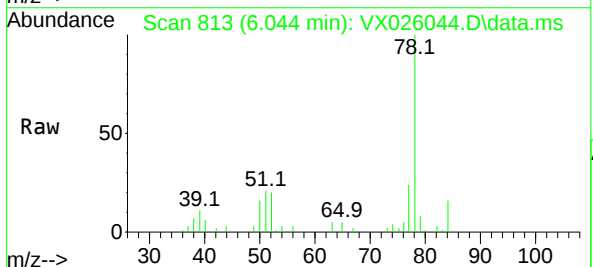
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MSVOA_X
ClientSampleId :

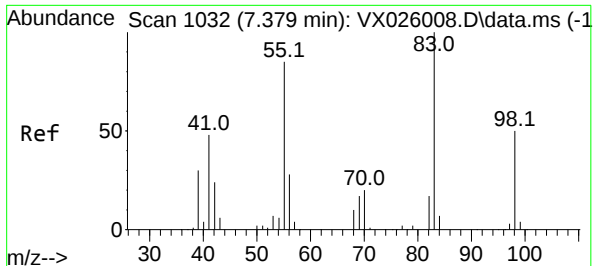
Tgt Ion: 83 Resp: 27807
Ion Ratio Lower Upper
83 100
85 61.9 44.9 83.5



#33
Benzene
Concen: 2.027 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX026044.D
Acq: 25 Dec 2021 19:14

Tgt Ion: 78 Resp: 15793

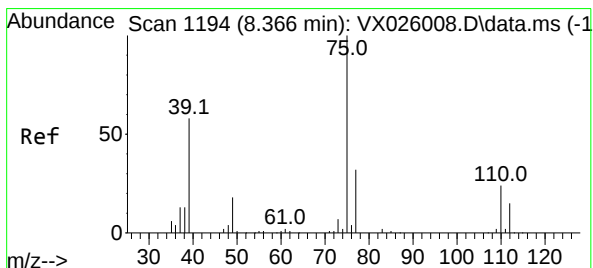
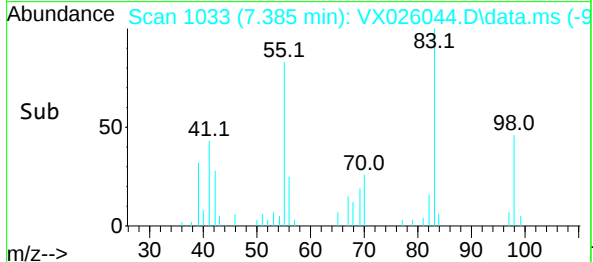
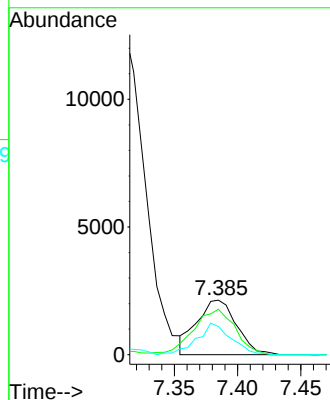
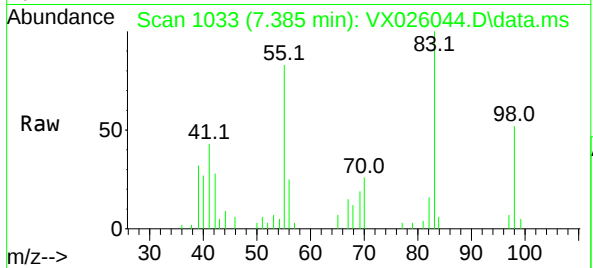




#35
Methylcyclohexane
Concen: 1.478 ug/L
RT: 7.385 min Scan# 1187
Delta R.T. 0.000 min
Lab File: VX026044.D
Acq: 25 Dec 2021 19:14

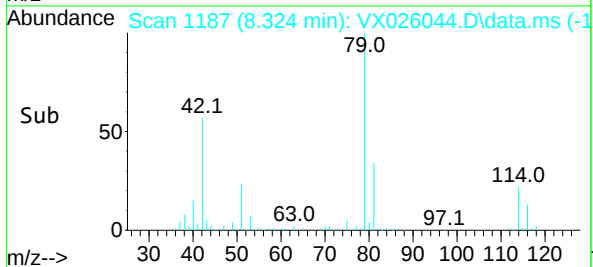
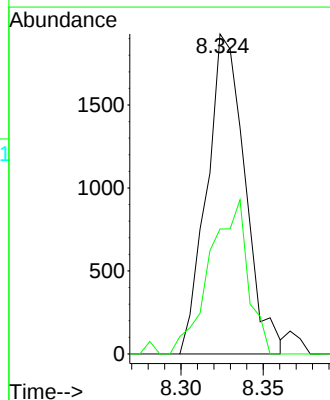
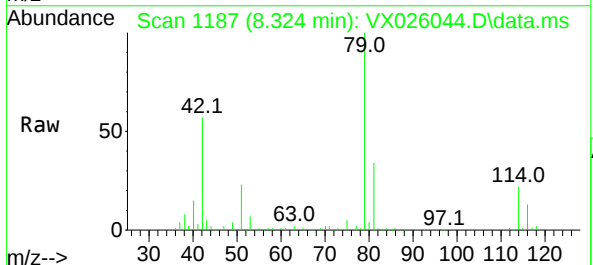
Instrument :
MSVOA_X
ClientSampleId :

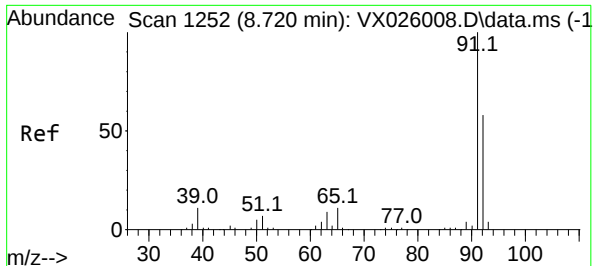
Tgt Ion: 83 Resp: 4664
Ion Ratio Lower Upper
83 100
55 87.9 57.3 85.9#
98 49.4 41.1 61.7



#39
cis-1,3-Dichloropropene
Concen: 1.091 ug/L
RT: 8.324 min Scan# 1187
Delta R.T. -0.043 min
Lab File: VX026044.D
Acq: 25 Dec 2021 19:14

Tgt Ion: 75 Resp: 3100
Ion Ratio Lower Upper
75 100
77 39.1 22.3 41.3





#42

Toluene

Concen: 7.388 ug/L

RT: 8.720 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX026044.D

Acq: 25 Dec 2021 19:14

Instrument :

MSVOA_X

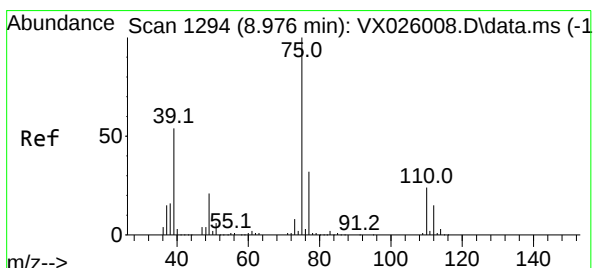
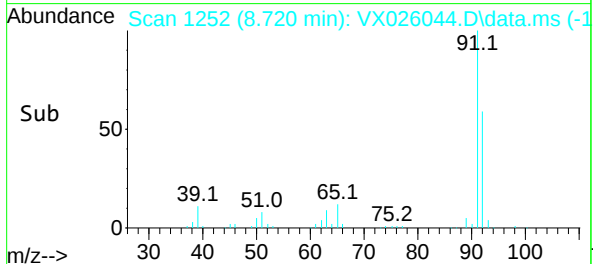
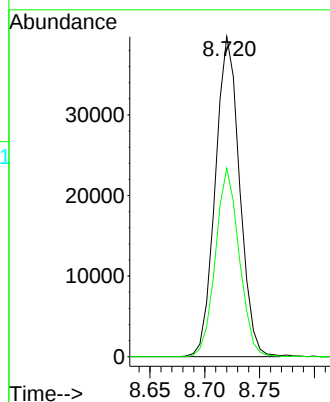
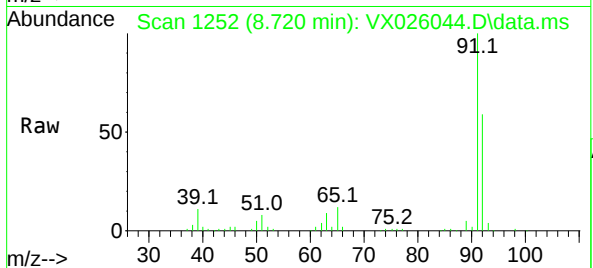
ClientSampleId :

Tgt Ion: 91 Resp: 61316

Ion Ratio Lower Upper

91 100

92 58.9 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 0.807 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.030 min

Lab File: VX026044.D

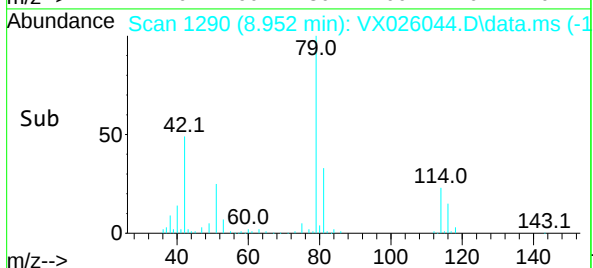
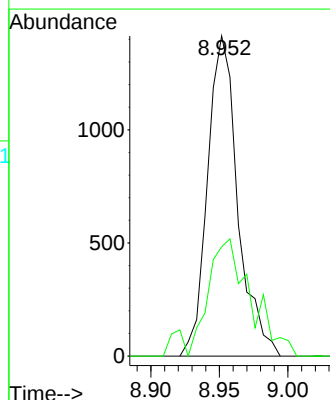
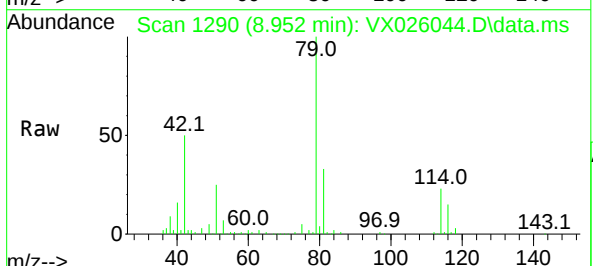
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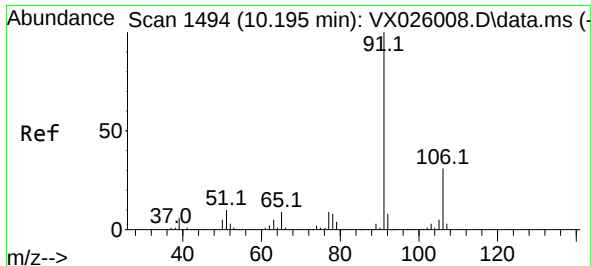
Tgt Ion: 75 Resp: 2177

Ion Ratio Lower Upper

75 100

77 34.1 23.0 42.8





#52

Ethylbenzene

Concen: 323.855 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX026044.D

Acq: 25 Dec 2021 19:14

Instrument :

MSVOA_X

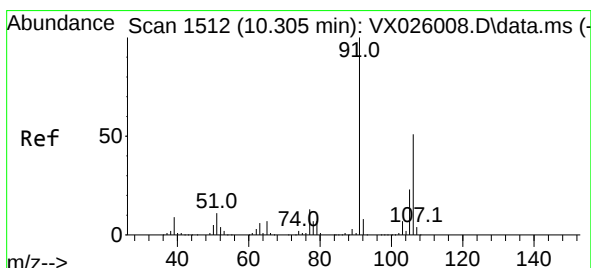
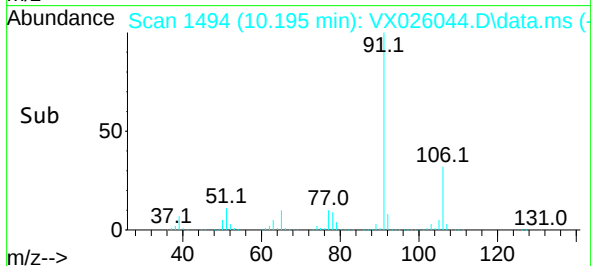
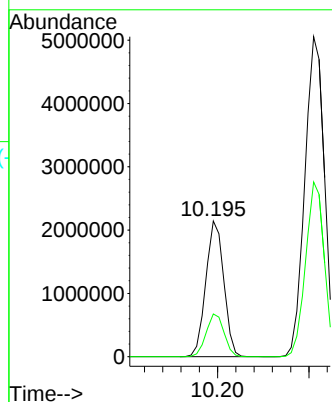
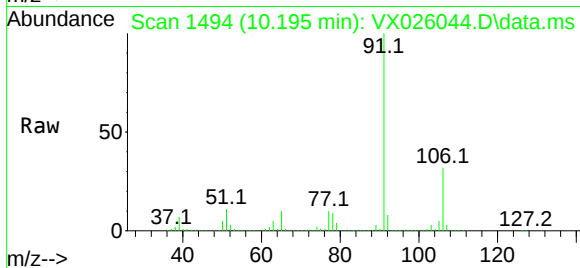
ClientSampleId :

Tgt Ion: 91 Resp: 2914978

Ion Ratio Lower Upper

91 100

106 31.5 23.1 42.9



#53

m,p-Xylene

Concen: 1133.945 ug/L

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX026044.D

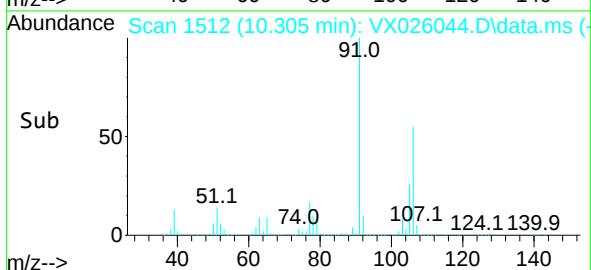
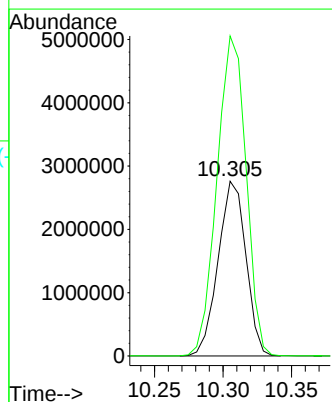
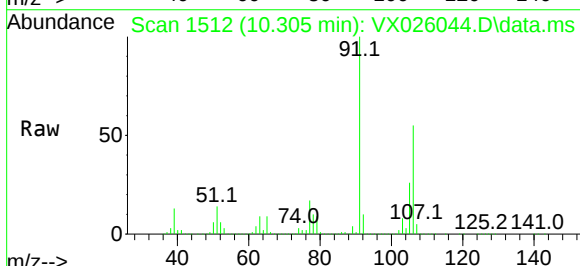
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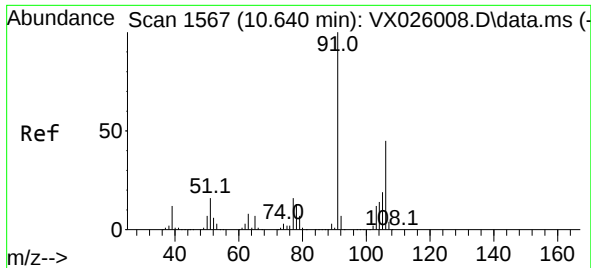
Tgt Ion:106 Resp: 3896129

Ion Ratio Lower Upper

106 100

91 183.2 136.8 254.2

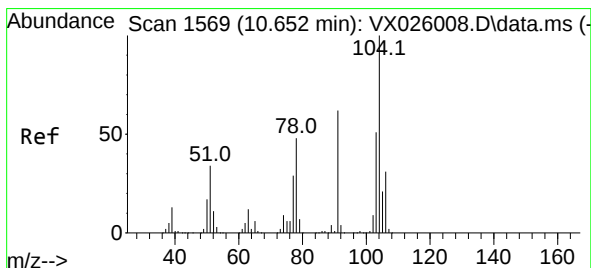
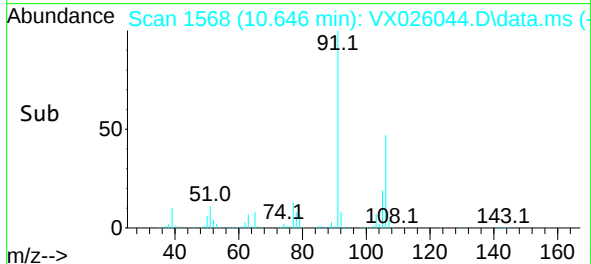
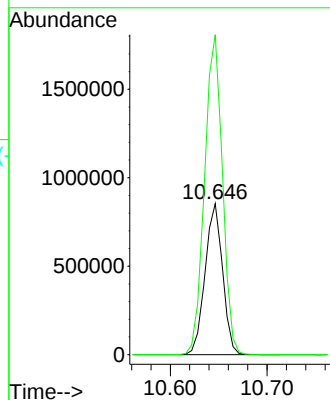
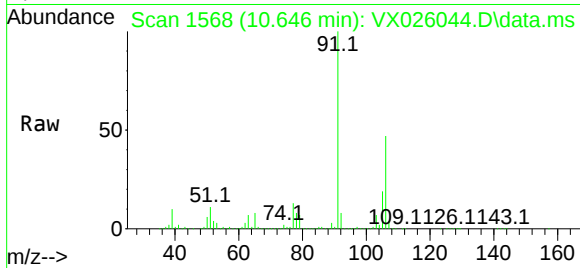




#54
o-Xylene
Concen: 315.398 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX026044.D
Acq: 25 Dec 2021 19:14

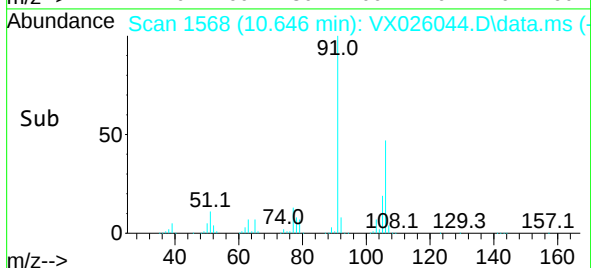
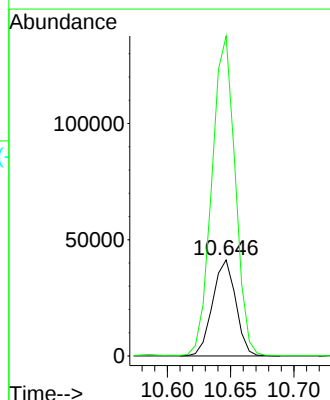
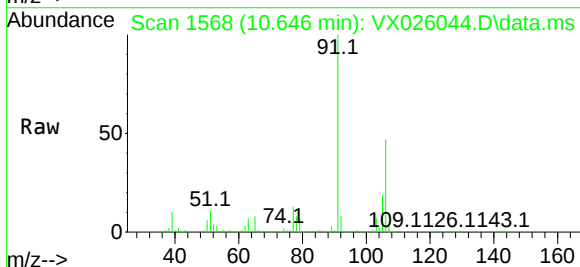
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ClientSampleId :

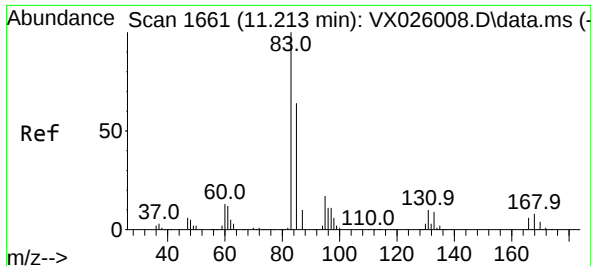
Tgt Ion:106 Resp: 1073412
Ion Ratio Lower Upper
106 100
91 211.8 140.5 260.9



#55
Styrene
Concen: 9.151 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. -0.012 min
Lab File: VX026044.D
Acq: 25 Dec 2021 19:14

Tgt Ion:104 Resp: 52575
Ion Ratio Lower Upper
104 100
78 333.6 28.6 53.0#

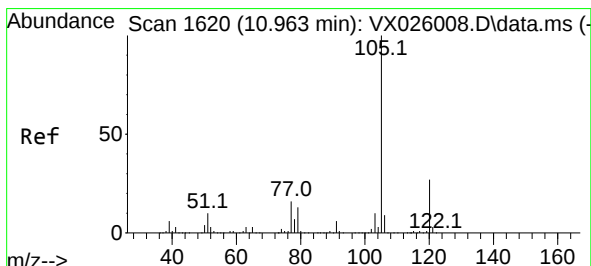
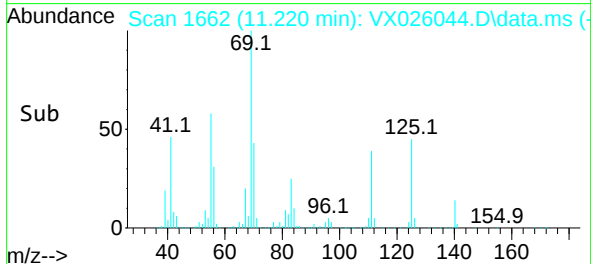
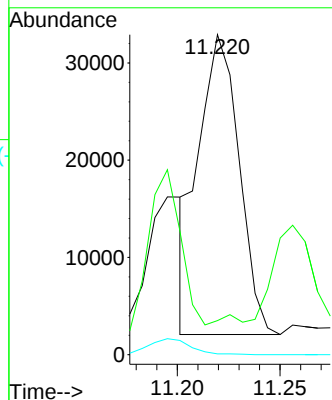
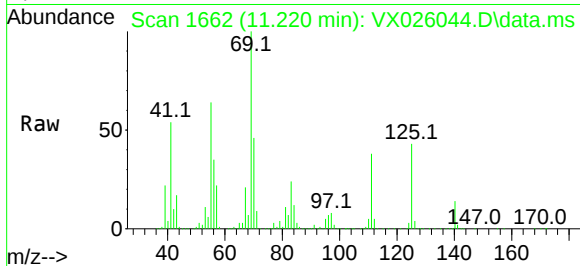




#57
1,1,2,2-Tetrachloroethane
Concen: 13.128 ug/L
RT: 11.220 min Scan# 1662
Delta R.T. 0.006 min
Lab File: VX026044.D
Acq: 25 Dec 2021 19:14

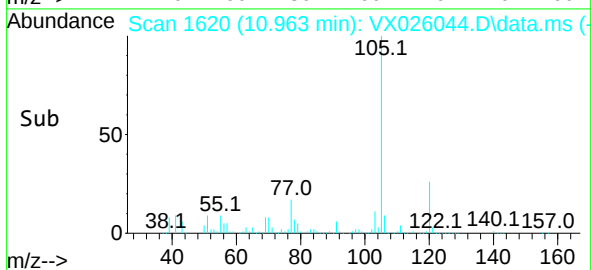
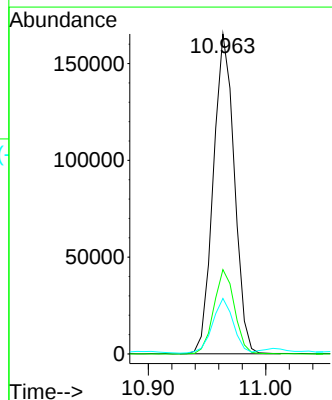
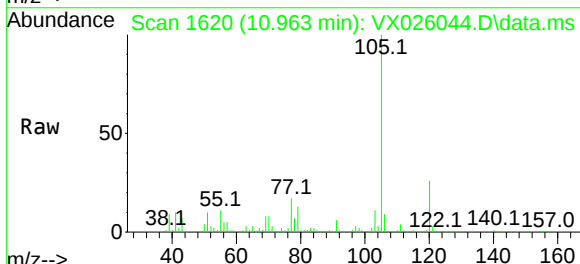
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MSVOA_X
ClientSampleId :

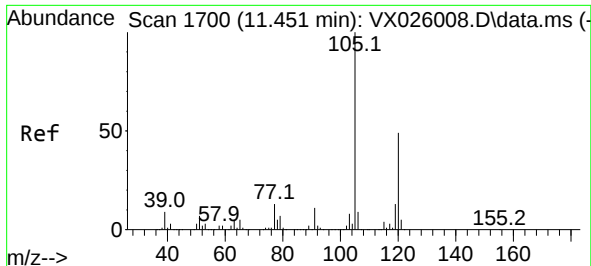
Tgt Ion: 83 Resp: 42150
Ion Ratio Lower Upper
83 100
85 10.6 47.0 87.2#
131 0.3 8.5 12.7#



#60
Isopropylbenzene
Concen: 20.907 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026044.D
Acq: 25 Dec 2021 19:14

Tgt Ion: 105 Resp: 205688
Ion Ratio Lower Upper
105 100
120 25.8 22.3 33.5
77 16.9 11.5 17.3

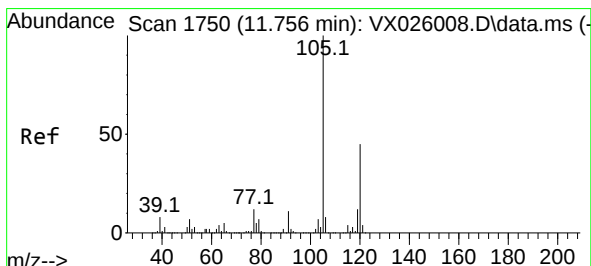
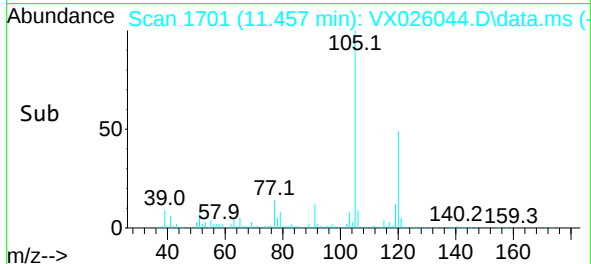
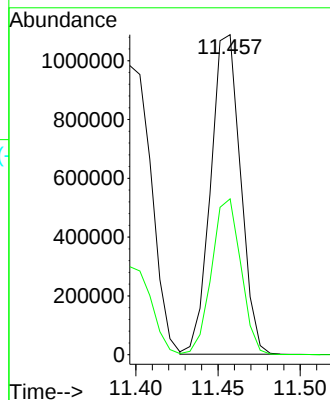
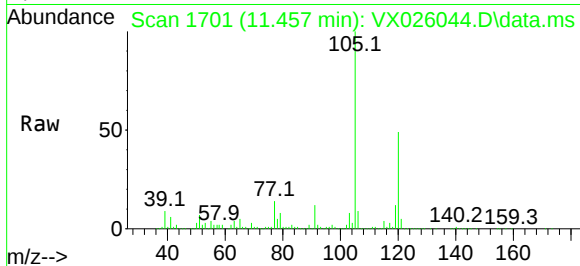




#62
 1,3,5-Trimethylbenzene
 Concen: 166.318 ug/L
 RT: 11.457 min Scan# 1701
 Delta R.T. 0.006 min
 Lab File: VX026044.D
 Acq: 25 Dec 2021 19:14

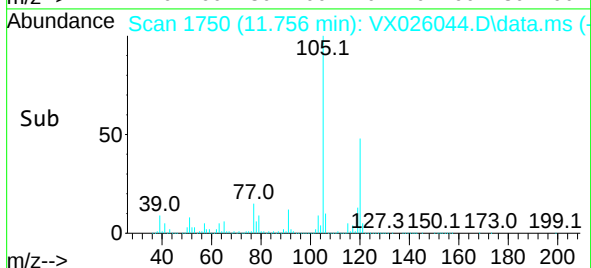
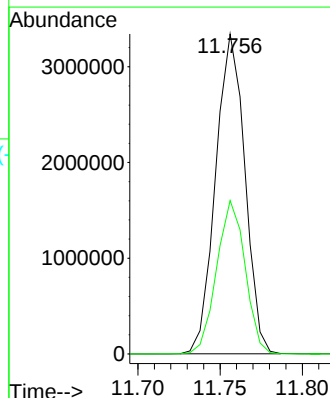
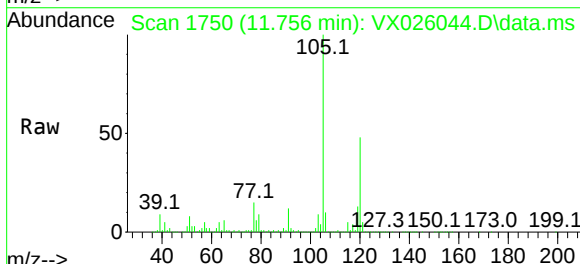
Instrument :
 MSVOA_X
 ClientSampleId :

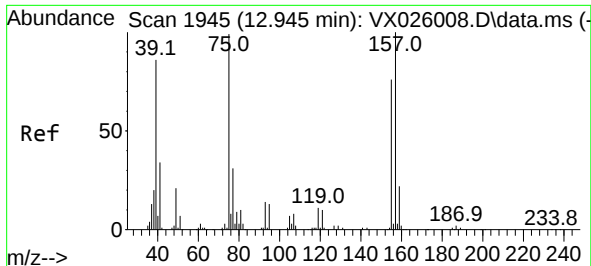
Tgt Ion:105 Resp: 1370046
 Ion Ratio Lower Upper
 105 100
 120 48.0 41.0 61.4



#63
 1,2,4-Trimethylbenzene
 Concen: 500.873 ug/L
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.000 min
 Lab File: VX026044.D
 Acq: 25 Dec 2021 19:14

Tgt Ion:105 Resp: 4133355
 Ion Ratio Lower Upper
 105 100
 120 46.5 0.1 0.1#

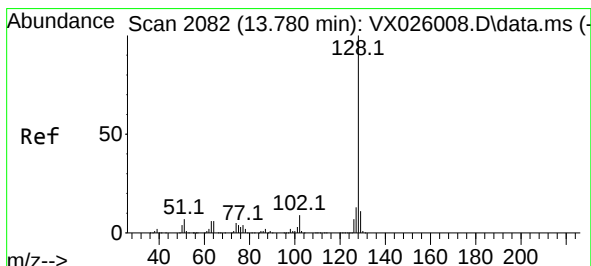
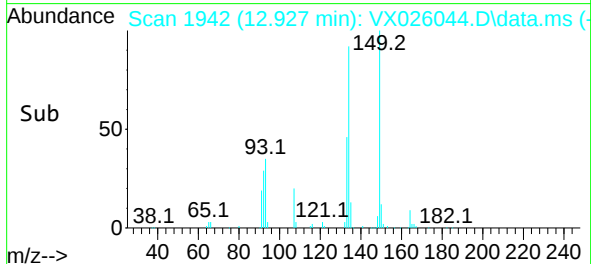
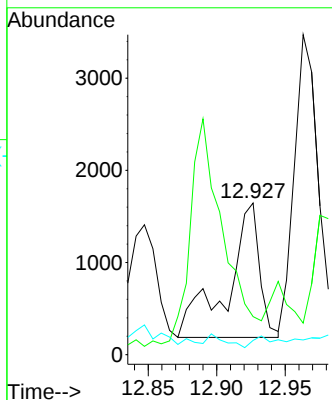
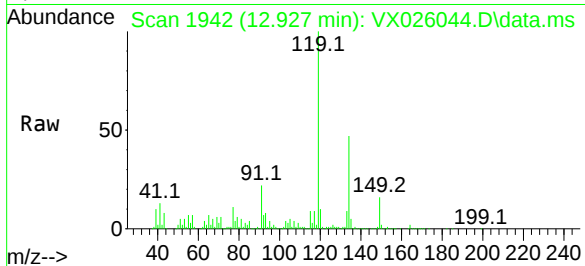




#68
1,2-Dibromo-3-chloropropane
Concen: 3.156 ug/L
RT: 12.927 min Scan# 1945
Delta R.T. -0.018 min
Lab File: VX026044.D
Acq: 25 Dec 2021 19:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 2379
Ion Ratio Lower Upper
75 100
155 25.1 79.4 119.2#
157 9.4 100.4 150.6#



#71
Naphthalene
Concen: 127.415 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX026044.D
Acq: 25 Dec 2021 19:14

Tgt Ion:128 Resp: 1264087
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 11.2 8.7 13.1

