

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110821\
 Data File : VX025098.D
 Acq On : 08 Nov 2021 16:21
 Operator : JC/MD
 Sample : M4464-01ME 10X
 Misc : 4.68g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GB7K1ME

Quant Time: Nov 09 04:15:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 09 03:59:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	203244	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	195505	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	75970	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	98203	53.435	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	106.880%	
7) Chloroethane-d5	1.666	69	66291	57.537	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	115.080%	
11) 1,1-Dichloroethene-d2	2.306	63	117479	33.187	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	66.380%	
21) 2-Butanone-d5	4.465	46	127120	100.646	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	100.650%	
24) Chloroform-d	5.062	84	175532	48.583	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	97.160%	
26) 1,2-Dichloroethane-d4	5.958	65	123576	52.283	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	104.560%	
32) Benzene-d6	5.976	84	296182	42.549	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	85.100%	
36) 1,2-Dichloropropane-d6	7.312	67	82310	40.129	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	80.260%	
41) Toluene-d8	8.653	98	293329	50.128	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	100.260%	
43) trans-1,3-Dichloroprop...	8.952	79	53735	49.084	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	98.160%	
47) 2-Hexanone-d5	9.390	63	94162	107.472	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	107.470%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	108055	38.058	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	76.120%	
66) 1,2-Dichlorobenzene-d4	12.323	152	76347	51.271	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	102.540%	
Target Compounds						
						Qvalue
5) Vinyl chloride	1.374	62	4183	2.389	ug/L	# 66
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	11670	7.073	ug/L	# 83
12) 1,1-Dichloroethene	2.325	96	2584	1.781	ug/L	# 1
13) Acetone	2.398	43	5785	4.655	ug/L	99
15) Methyl Acetate	2.709	43	3731	2.171	ug/L	# 73
19) 1,1-Dichloroethane	3.605	63	21749	7.071	ug/L	95
20) cis-1,2-Dichloroethene	4.489	96	234506	137.474	ug/L	82
30) 1,1,1-Trichloroethane	5.397	97	4100	1.158	ug/L	# 78
34) Trichloroethene	7.123	95	89558	47.793	ug/L	97
37) 1,2-Dichloropropane	7.312	63	10547	6.174	ug/L	# 85
39) cis-1,3-Dichloropropene	8.324	75	3202	1.161	ug/L	90
42) Toluene	8.720	91	1902027	271.588	ug/L	97
44) trans-1,3-Dichloropropene	8.945	75	2696	0.975	ug/L	# 70
46) Tetrachloroethene	9.269	164	2289	2.206	ug/L	86
49) Dibromochloromethane	9.275	129	2826	1.690	ug/L	# 11
52) Ethylbenzene	10.195	91	6281	0.834	ug/L	96
53) m,p-Xylene	10.305	106	8526	3.113	ug/L	84
54) o-Xylene	10.646	106	2597	1.002	ug/L	90

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Instrument :
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ClientSampleId :
GB7K1ME

Quant Time: Nov 09 04:15:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110821WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 09 03:59:51 2021
Response via : Initial Calibration

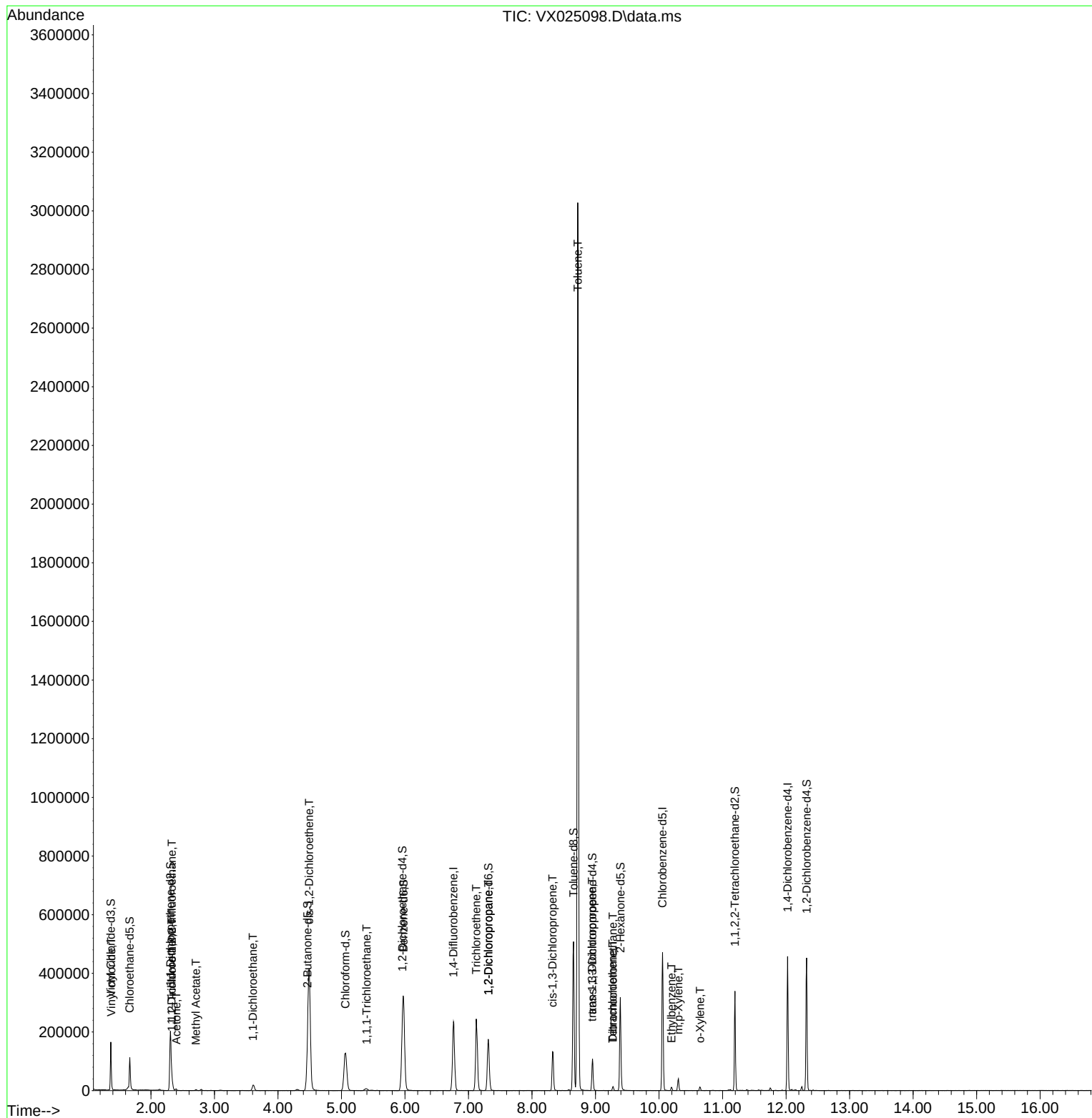
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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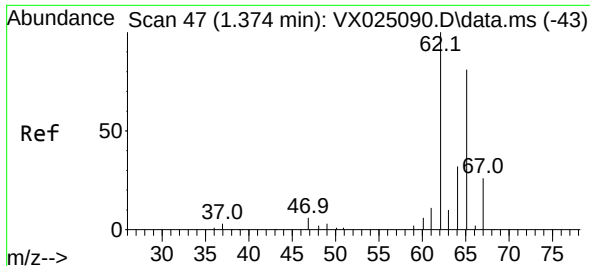
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 09 04:15:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110821WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 09 03:59:51 2021
Response via : Initial Calibration

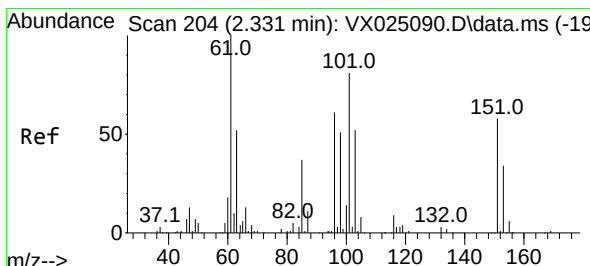
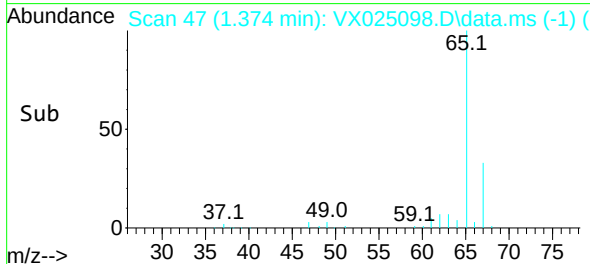
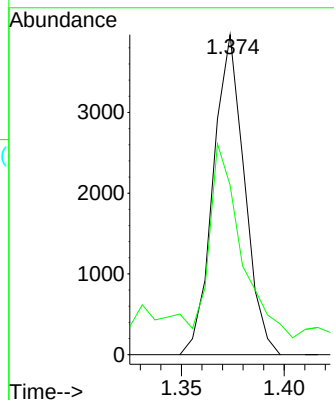
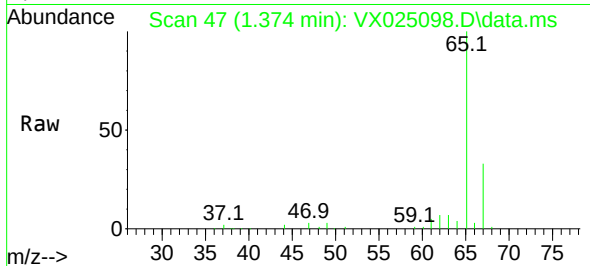




#5
 Vinyl chloride
 Concen: 2.389 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX025098.D
 Acq: 08 Nov 2021 16:21

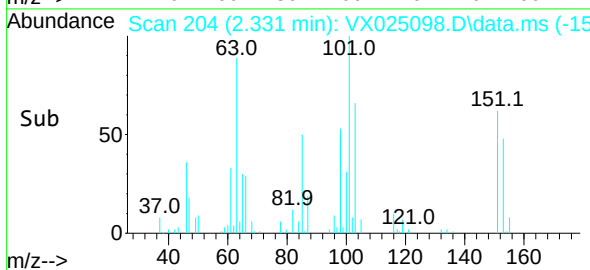
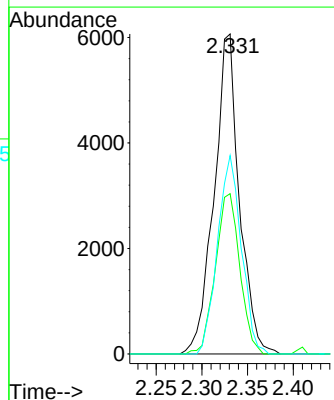
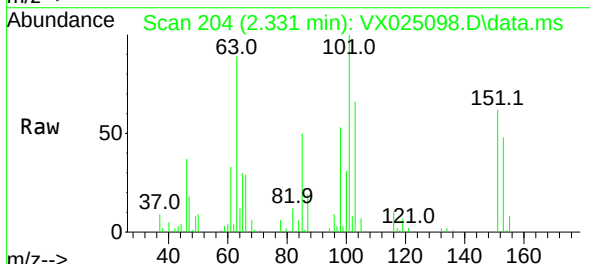
Instrument :
 MSVOA_X
 ClientSampleId :
 GB7K1ME

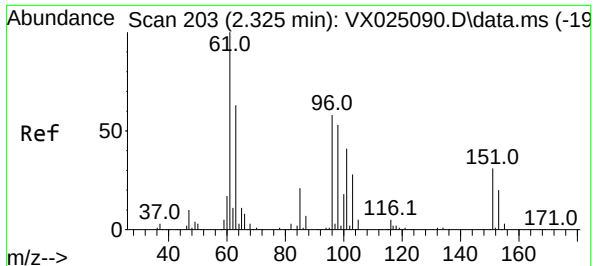
Tgt Ion: 62 Resp: 4183
 Ion Ratio Lower Upper
 62 100
 64 53.0 23.6 43.8#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 7.073 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX025098.D
 Acq: 08 Nov 2021 16:21

Tgt Ion: 101 Resp: 11670
 Ion Ratio Lower Upper
 101 100
 85 48.4 35.3 52.9
 151 58.6 62.3 93.5#





#12

1,1-Dichloroethene

Concen: 1.781 ug/L

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX025098.D

Acq: 08 Nov 2021 16:21

Instrument :

MSVOA_X

ClientSampleId :

GB7K1ME

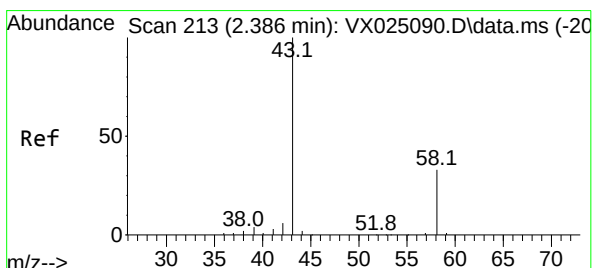
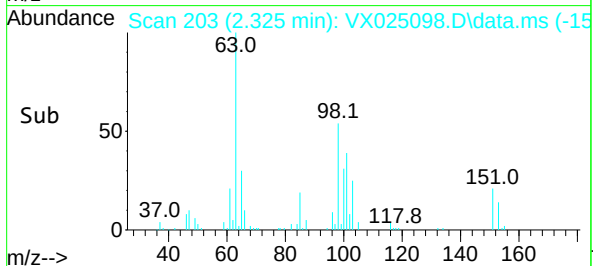
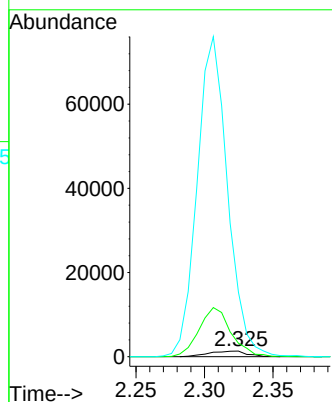
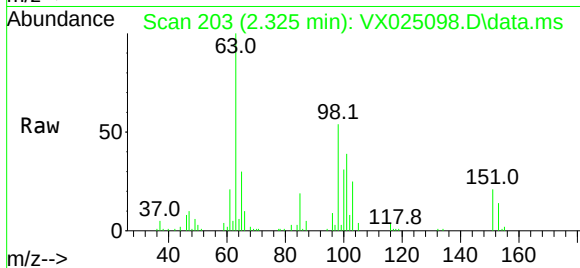
Tgt Ion: 96 Resp: 2584

Ion Ratio Lower Upper

96 100

61 241.7 109.9 204.1#

63 1153.3 92.4 171.6#



#13

Acetone

Concen: 4.655 ug/L

RT: 2.398 min Scan# 215

Delta R.T. 0.012 min

Lab File: VX025098.D

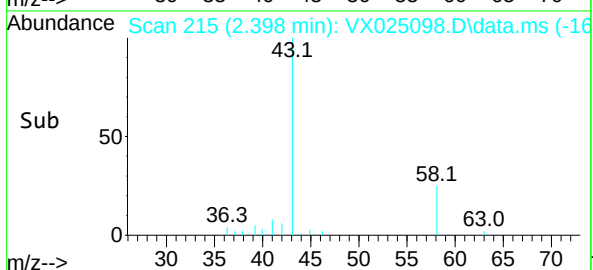
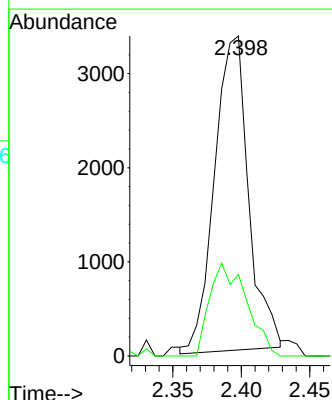
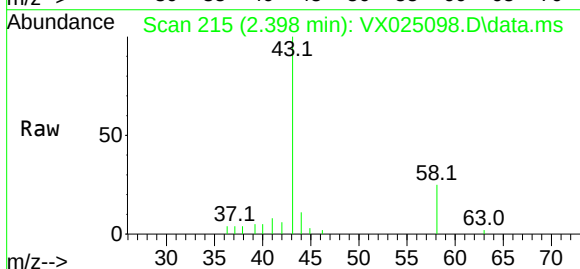
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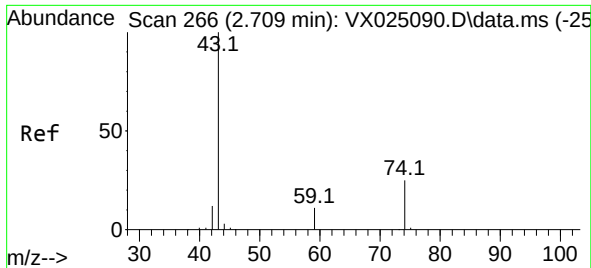
Tgt Ion: 43 Resp: 5785

Ion Ratio Lower Upper

43 100

58 31.9 0.0 64.8

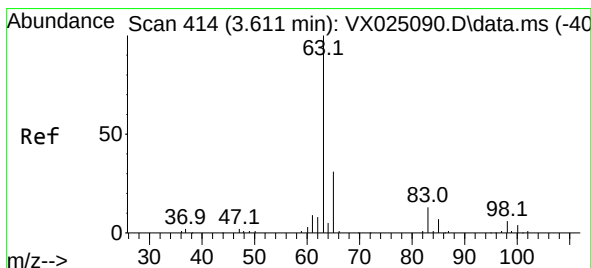
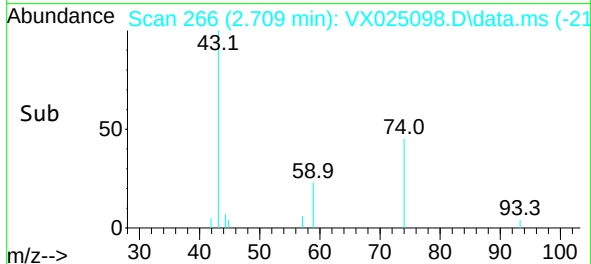
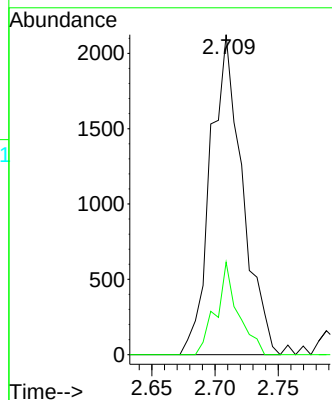
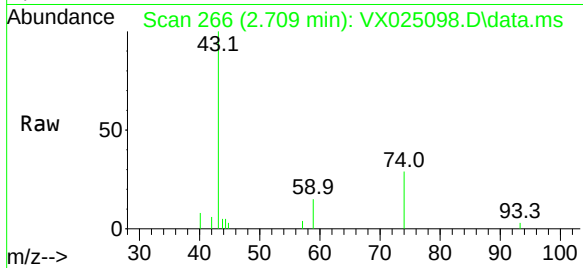




#15
Methyl Acetate
Concen: 2.171 ug/L
RT: 2.709 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX025098.D
Acq: 08 Nov 2021 16:21

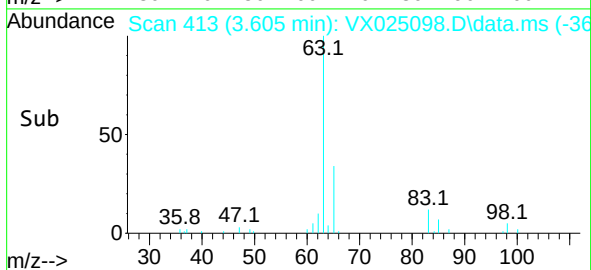
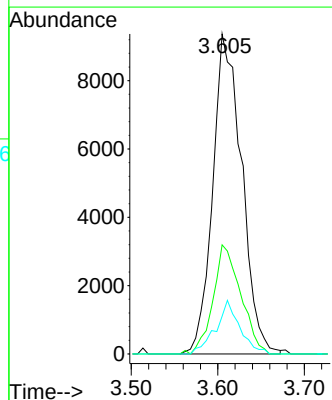
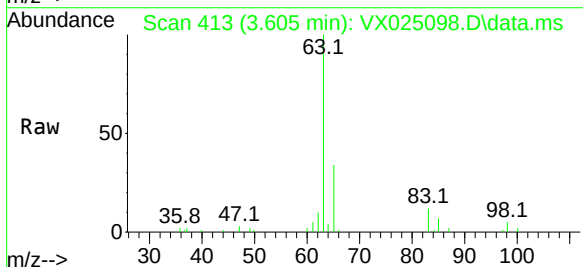
Instrument :
MSVOA_X
ClientSampleId :
GB7K1ME

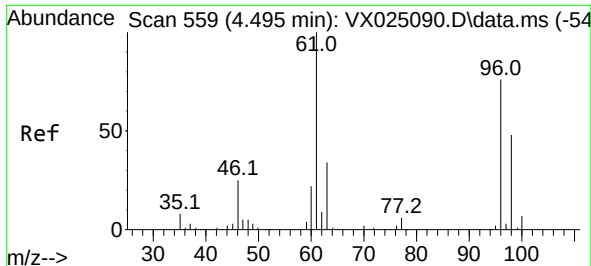
Tgt Ion: 43 Resp: 3731
Ion Ratio Lower Upper
43 100
74 19.8 28.6 42.8#



#19
1,1-Dichloroethane
Concen: 7.071 ug/L
RT: 3.605 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX025098.D
Acq: 08 Nov 2021 16:21

Tgt Ion: 63 Resp: 21749
Ion Ratio Lower Upper
63 100
65 34.1 24.5 45.5
83 11.8 11.7 21.7

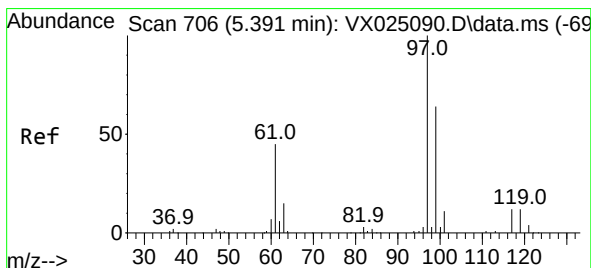
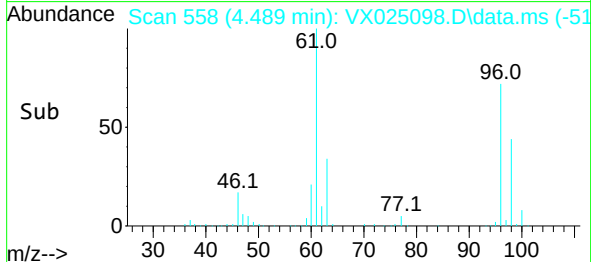
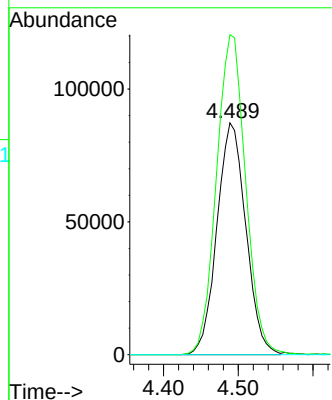
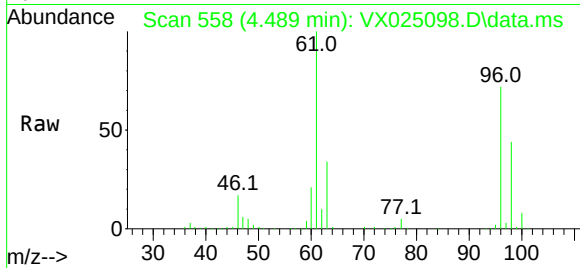




#20
 cis-1,2-Dichloroethene
 Concen: 137.474 ug/L
 RT: 4.489 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX025098.D
 Acq: 08 Nov 2021 16:21

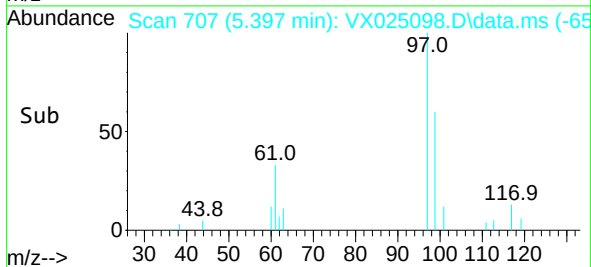
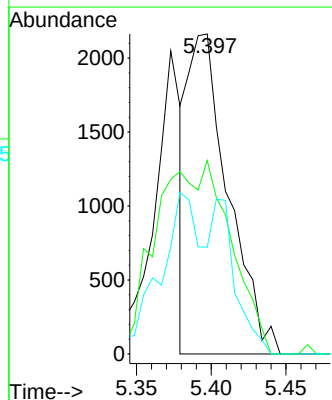
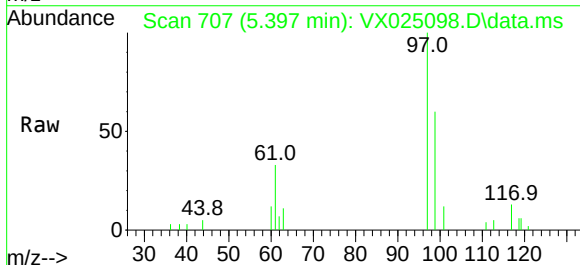
Instrument :
 MSVOA_X
 ClientSampleId :
 GB7K1ME

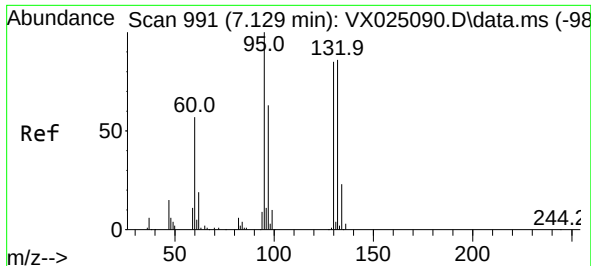
Tgt Ion: 96 Resp: 234506
 Ion Ratio Lower Upper
 96 100
 61 138.1 82.6 153.4
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 1.158 ug/L
 RT: 5.397 min Scan# 707
 Delta R.T. 0.006 min
 Lab File: VX025098.D
 Acq: 08 Nov 2021 16:21

Tgt Ion: 97 Resp: 4100
 Ion Ratio Lower Upper
 97 100
 99 44.6 53.1 79.7#
 61 27.1 26.3 39.5



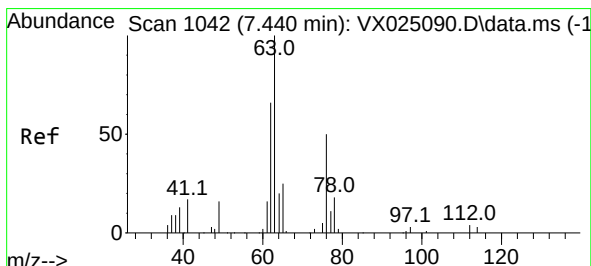
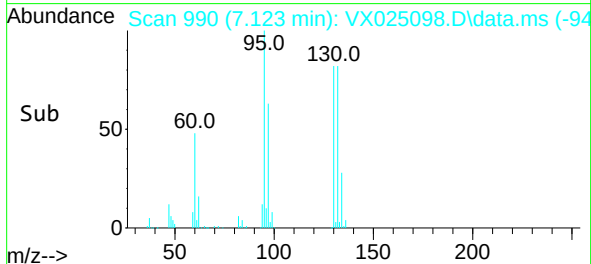
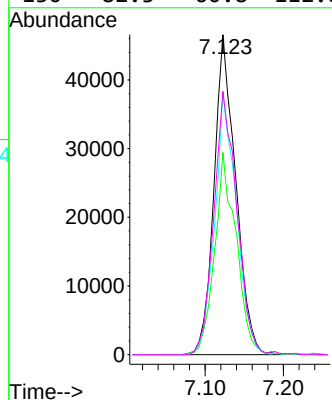
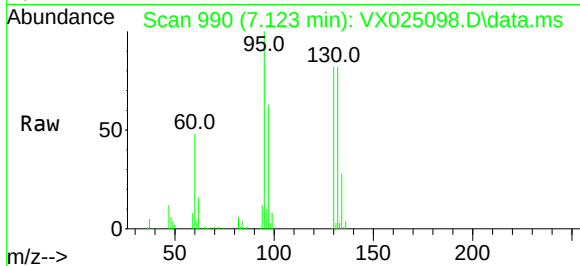


#34
 Trichloroethene
 Concen: 47.793 ug/L
 RT: 7.123 min Scan# 991
 Delta R.T. -0.006 min
 Lab File: VX025098.D
 Acq: 08 Nov 2021 16:21

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion: 95 Resp: 89558

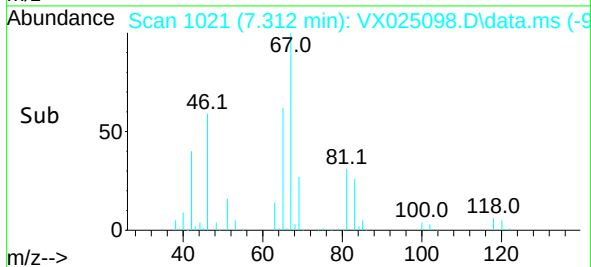
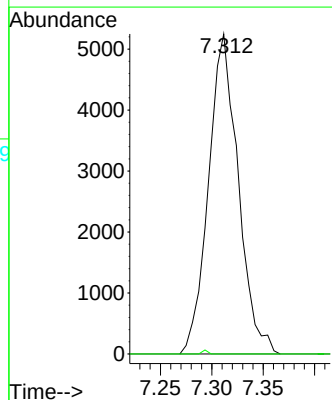
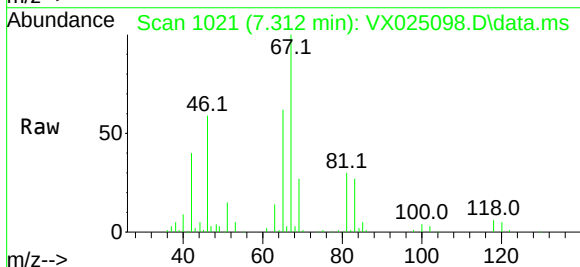
Ion	Ratio	Lower	Upper
95	100		
97	63.2	44.2	82.2
132	81.8	60.1	111.5
130	82.3	60.8	112.8

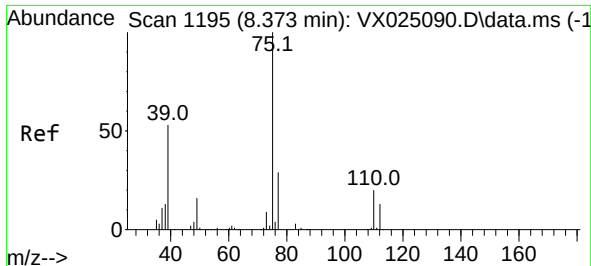


#37
 1,2-Dichloropropane
 Concen: 6.174 ug/L
 RT: 7.312 min Scan# 1021
 Delta R.T. -0.128 min
 Lab File: VX025098.D
 Acq: 08 Nov 2021 16:21

Tgt Ion: 63 Resp: 10547

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.0	6.0#





#39

cis-1,3-Dichloropropene

Concen: 1.161 ug/L

RT: 8.324 min Scan# 1195

Delta R.T. -0.049 min

Lab File: VX025098.D

Acq: 08 Nov 2021 16:21

Instrument :

MSVOA_X

ClientSampleId :

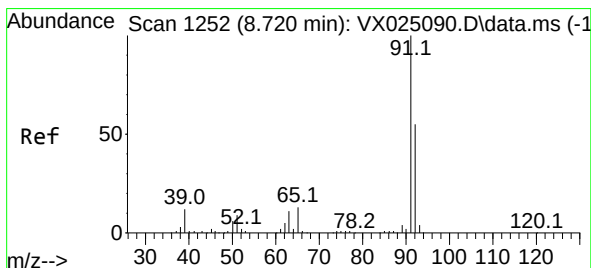
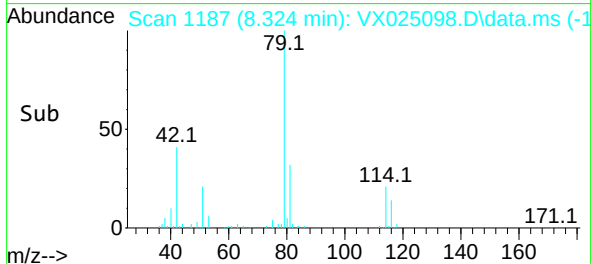
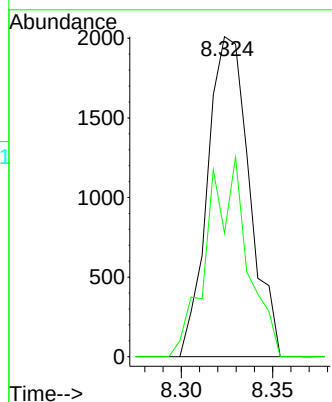
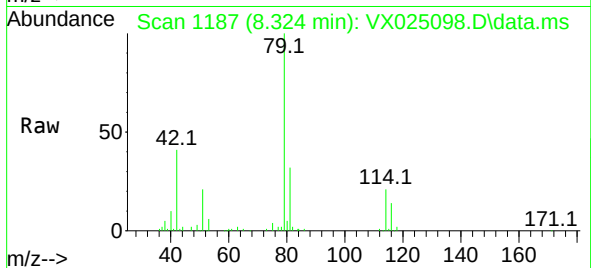
GB7K1ME

Tgt Ion: 75 Resp: 3202

Ion Ratio Lower Upper

75 100

77 38.6 23.1 42.9



#42

Toluene

Concen: 271.588 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX025098.D

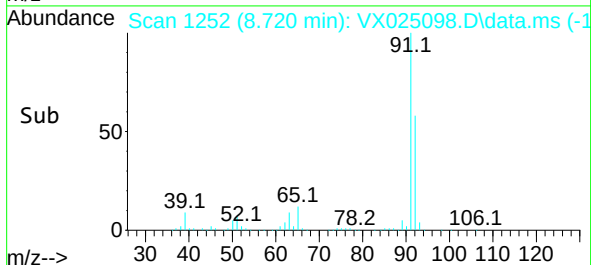
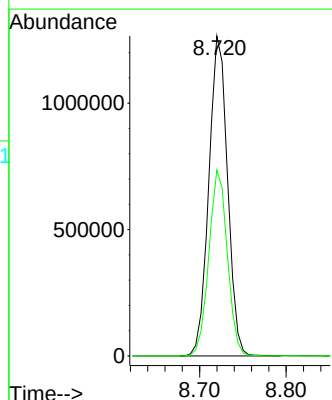
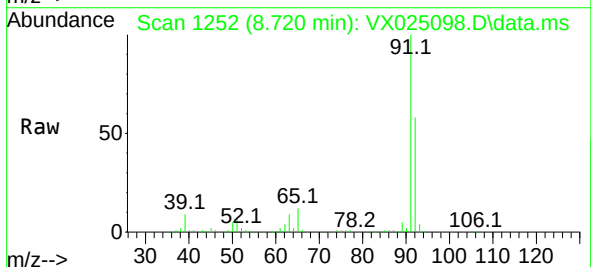
Acq: 08 Nov 2021 16:21

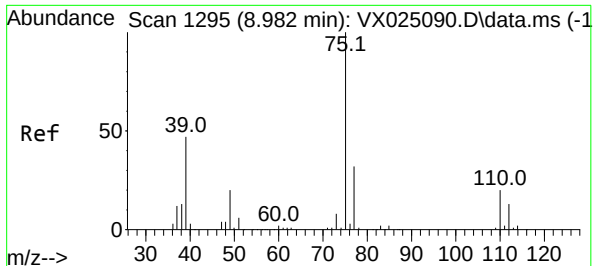
Tgt Ion: 91 Resp: 1902027

Ion Ratio Lower Upper

91 100

92 58.1 39.3 72.9

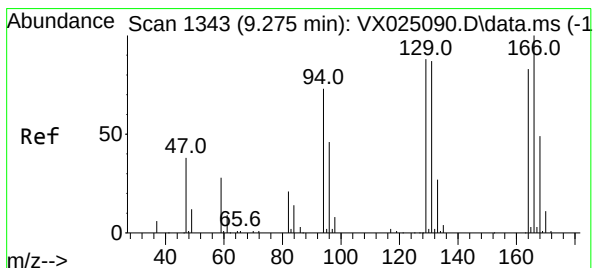
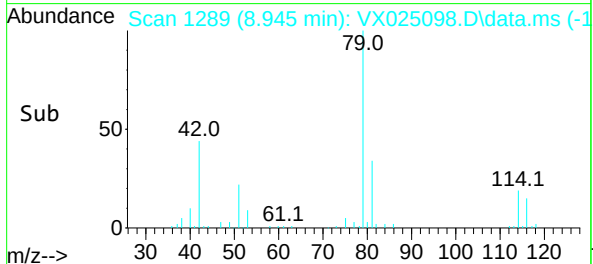
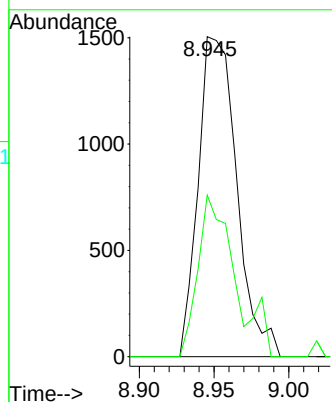
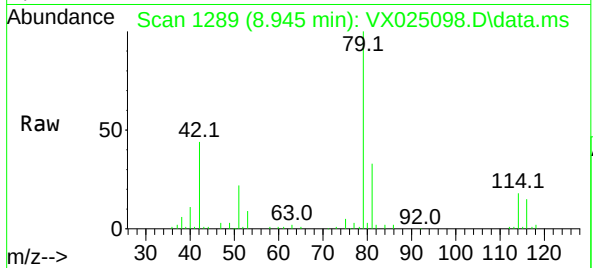




#44
trans-1,3-Dichloropropene
Concen: 0.975 ug/L
RT: 8.945 min Scan# 1289
Delta R.T. -0.037 min
Lab File: VX025098.D
Acq: 08 Nov 2021 16:21

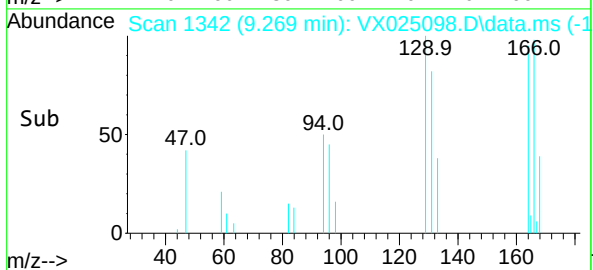
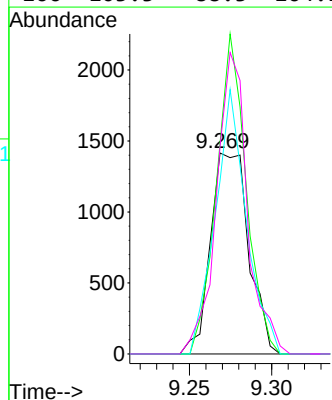
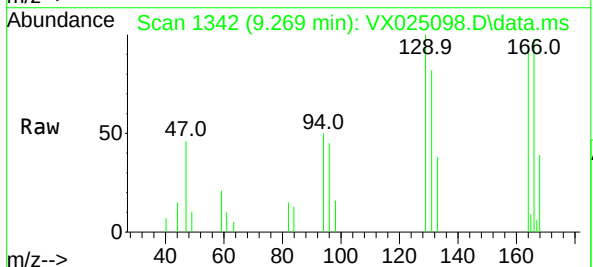
Instrument :
MSVOA_X
ClientSampleId :
GB7K1ME

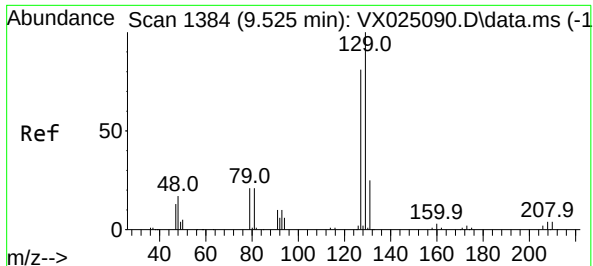
Tgt Ion: 75 Resp: 2696
Ion Ratio Lower Upper
75 100
77 50.5 23.4 43.6#



#46
Tetrachloroethene
Concen: 2.206 ug/L
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX025098.D
Acq: 08 Nov 2021 16:21

Tgt Ion: 164 Resp: 2289
Ion Ratio Lower Upper
164 100
129 104.9 78.5 145.7
131 86.1 70.5 130.9
166 103.3 88.3 164.1





#49

Dibromochloromethane

Concen: 1.690 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.250 min

Lab File: VX025098.D

Acq: 08 Nov 2021 16:21

Instrument :

MSVOA_X

ClientSampleId :

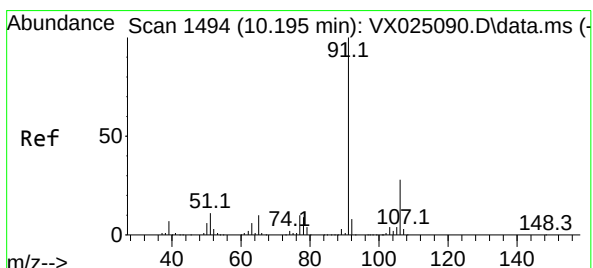
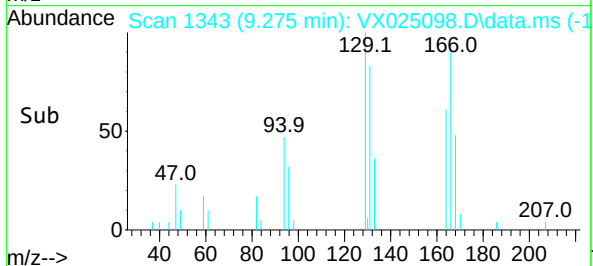
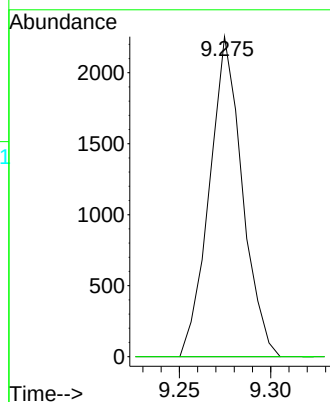
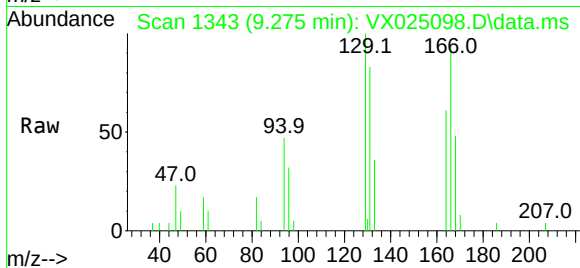
GB7K1ME

Tgt Ion:129 Resp: 2826

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



#52

Ethylbenzene

Concen: 0.834 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX025098.D

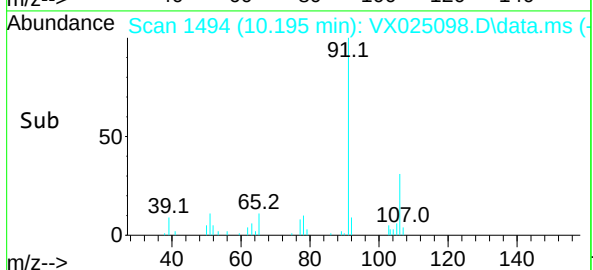
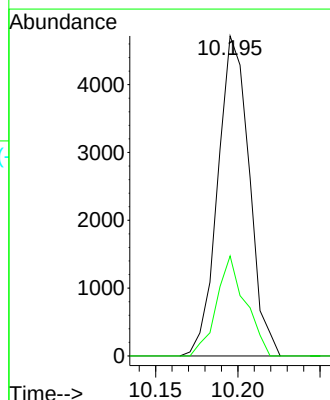
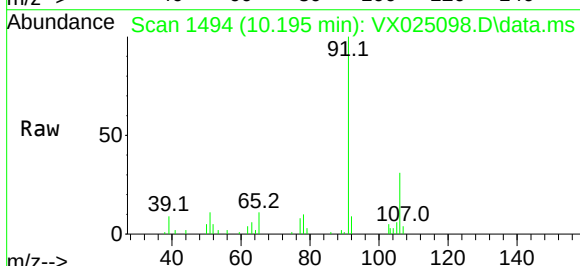
Acq: 08 Nov 2021 16:21

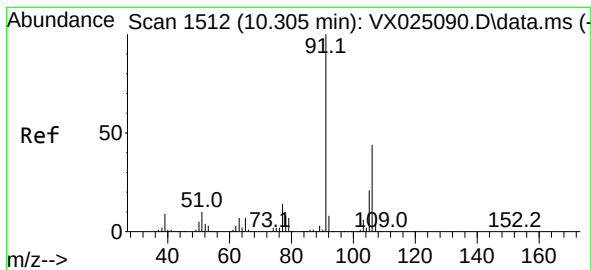
Tgt Ion: 91 Resp: 6281

Ion Ratio Lower Upper

91 100

106 31.3 20.2 37.6

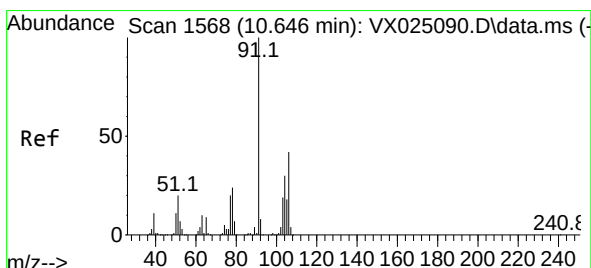
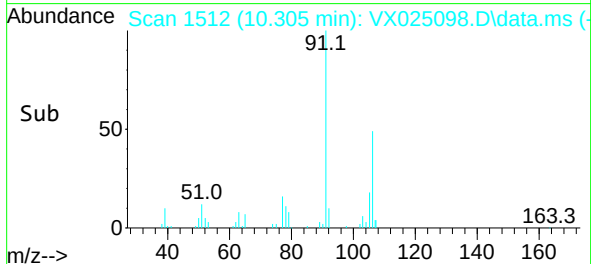
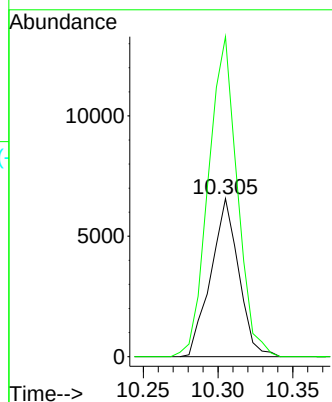
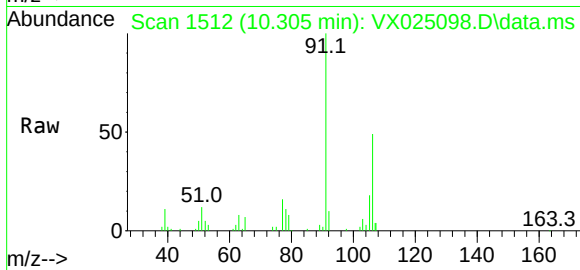




#53
m,p-Xylene
Concen: 3.113 ug/L
RT: 10.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025098.D
Acq: 08 Nov 2021 16:21

Instrument :
MSVOA_X
ClientSampleId :
GB7K1ME

Tgt Ion:106 Resp: 8526
Ion Ratio Lower Upper
106 100
91 202.4 160.2 297.6



#54
o-Xylene
Concen: 1.002 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX025098.D
Acq: 08 Nov 2021 16:21

Tgt Ion:106 Resp: 2597
Ion Ratio Lower Upper
106 100
91 218.9 164.4 305.4

