

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120821\
 Data File : VX025642.D
 Acq On : 09 Dec 2021 00:09
 Operator : JC/MD
 Sample : M4975-07
 Misc : 6.14g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 09 03:32:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 09 03:12:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	150164	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	134937	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	70645	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	38663	37.727	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.460%
7) Chloroethane-d5	1.648	69	21367	25.262	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	50.520%#
11) 1,1-Dichloroethene-d2	2.282	63	70744	43.295	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.580%
21) 2-Butanone-d5	4.489	46	64029	83.933	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.930%
24) Chloroform-d	5.068	84	77821	43.450	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.900%
26) 1,2-Dichloroethane-d4	5.958	65	50757	45.465	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.940%
32) Benzene-d6	5.976	84	167981	46.971	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.940%
36) 1,2-Dichloropropane-d6	7.312	67	50785	45.866	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.740%
41) Toluene-d8	8.653	98	154469	45.761	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.520%
43) trans-1,3-Dichloroprop...	8.958	79	22082	39.667	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.340%
47) 2-Hexanone-d5	9.403	63	47576	82.544	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.540%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	66989	42.808	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.620%
66) 1,2-Dichlorobenzene-d4	12.323	152	63053	45.506	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.020%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.294	101	14021	16.113	ug/L	98
12) 1,1-Dichloroethene	2.294	96	28086	34.831	ug/L	86
19) 1,1-Dichloroethane	3.605	63	29348	18.877	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	2303210	1546.212	ug/L	99
34) Trichloroethene	7.129	95	579402	611.091	ug/L	98
35) Methylcyclohexane	7.312	83	12629	8.463	ug/L #	20
37) 1,2-Dichloropropane	7.312	63	5640	6.238	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1553	1.055	ug/L #	65
42) Toluene	8.720	91	126510	31.822	ug/L	100
44) trans-1,3-Dichloropropene	8.964	75	1037	0.733	ug/L	98
46) Tetrachloroethene	9.293	164	4114819	5117.320	ug/L	95
52) Ethylbenzene	10.201	91	6026	1.410	ug/L	96
53) m,p-Xylene	10.305	106	21505	12.426	ug/L	100
54) o-Xylene	10.646	106	6021	3.476	ug/L	90
63) 1,2,4-Trimethylbenzene	11.756	105	4243	1.106	ug/L #	78
67) 1,2-Dichlorobenzene	12.341	146	1923	0.912	ug/L	98

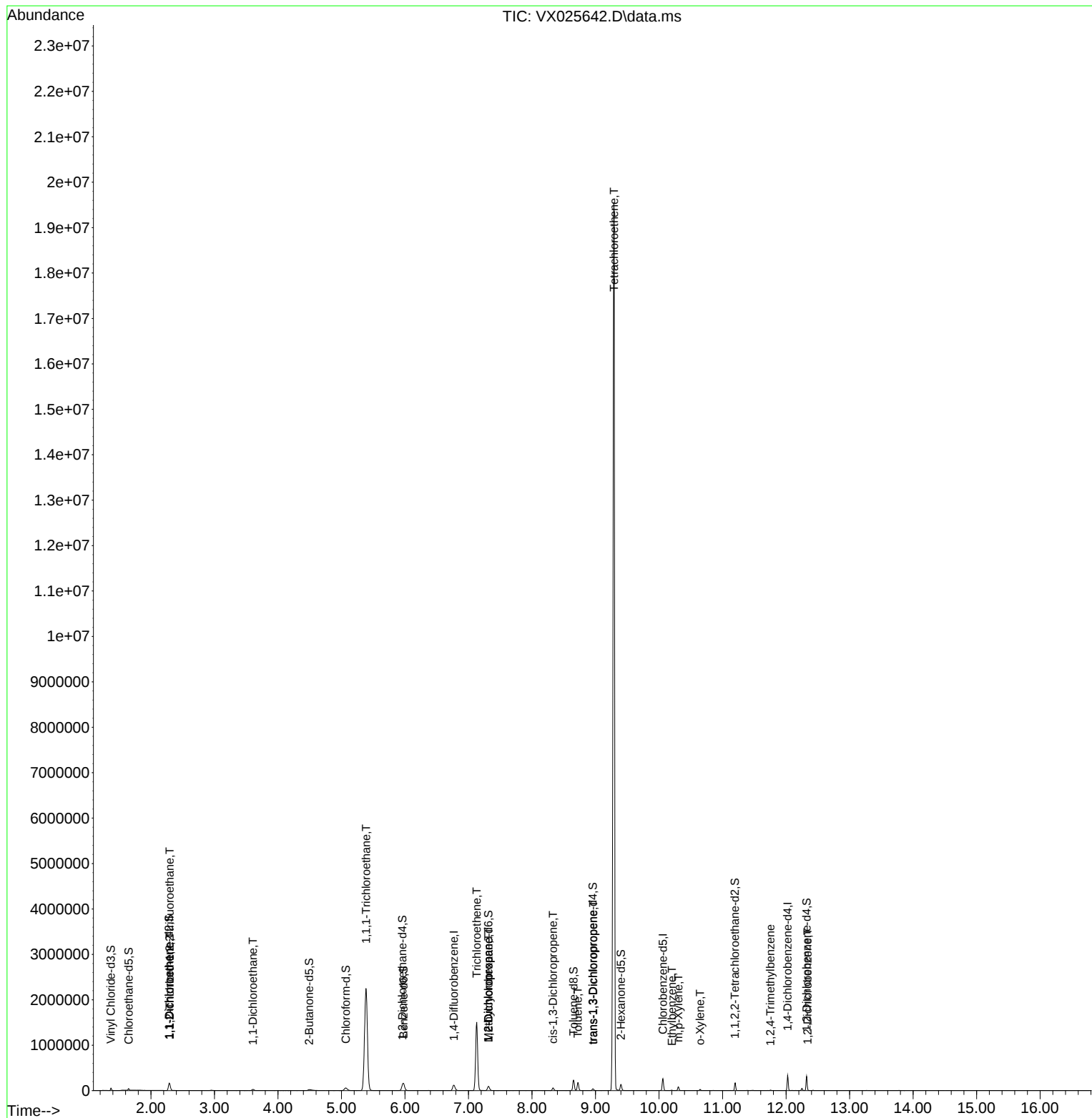
(#) = qualifier out of range (m) = manual integration (+) = signals summed

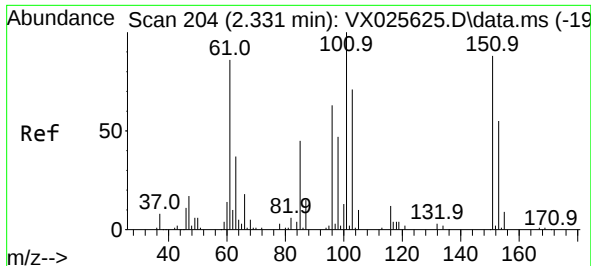
Instrument :
MSVOA_X
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120821\
Data File : VX025642.D
Acq On : 09 Dec 2021 00:09
Operator : JC/MD
Sample : M4975-07
Misc : 6.14g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 09 03:32:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 09 03:12:30 2021
Response via : Initial Calibration

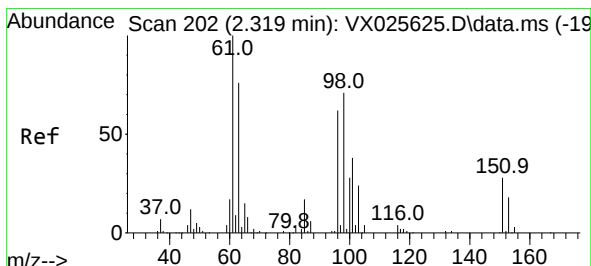
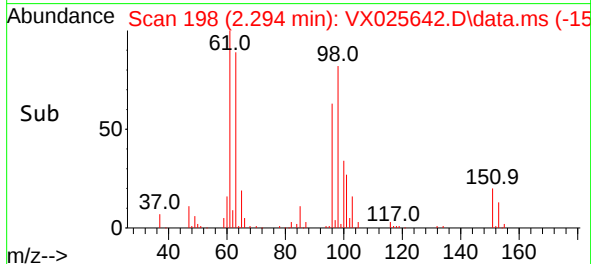
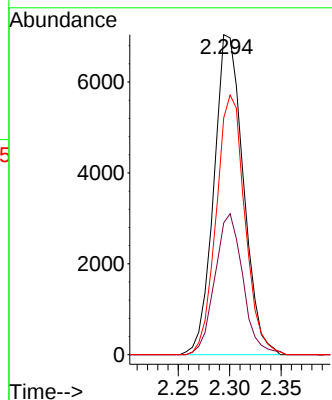
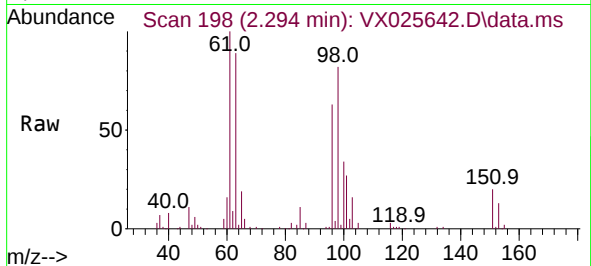




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 16.113 ug/L
 RT: 2.294 min Scan# 198
 Delta R.T. -0.037 min
 Lab File: VX025642.D
 Acq: 09 Dec 2021 00:09

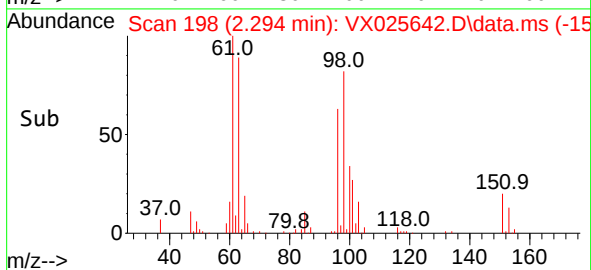
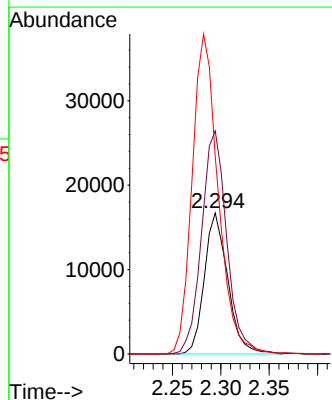
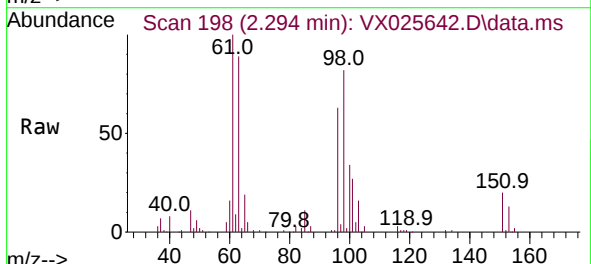
Instrument :
 MSVOA_X
 ClientSampleId :

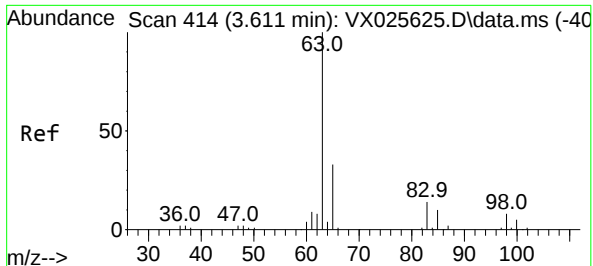
Tgt Ion:101 Resp: 14021
 Ion Ratio Lower Upper
 101 100
 85 41.8 34.3 51.5
 151 79.0 65.2 97.8



#12
 1,1-Dichloroethene
 Concen: 34.831 ug/L
 RT: 2.294 min Scan# 198
 Delta R.T. -0.024 min
 Lab File: VX025642.D
 Acq: 09 Dec 2021 00:09

Tgt Ion: 96 Resp: 28086
 Ion Ratio Lower Upper
 96 100
 61 158.3 108.7 201.9
 63 140.2 76.3 141.7





#19

1,1-Dichloroethane

Concen: 18.877 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX025642.D

Acq: 09 Dec 2021 00:09

Instrument :

MSVOA_X

ClientSampleId :

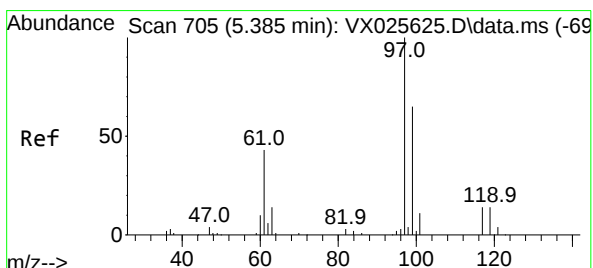
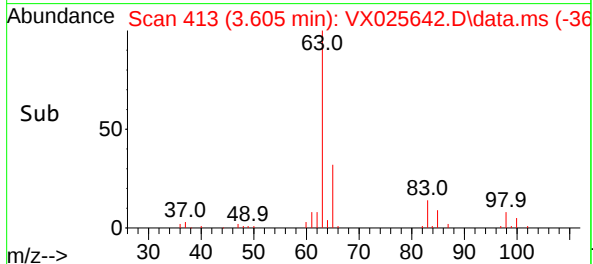
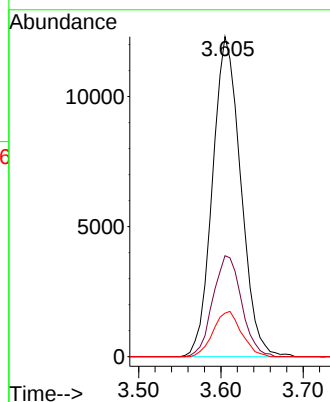
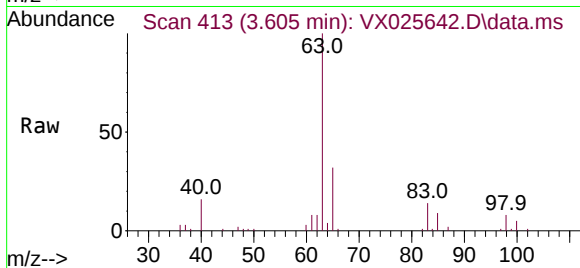
Tgt Ion: 63 Resp: 29348

Ion Ratio Lower Upper

63 100

65 31.5 22.2 41.2

83 13.6 10.2 19.0



#30

1,1,1-Trichloroethane

Concen: 1546.212 ug/L

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX025642.D

Acq: 09 Dec 2021 00:09

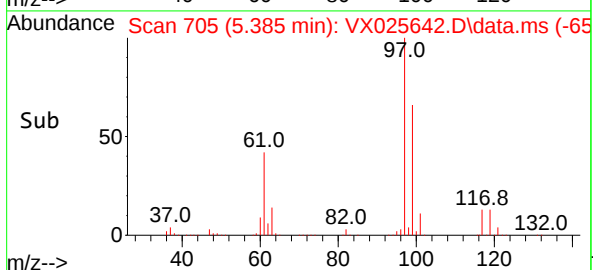
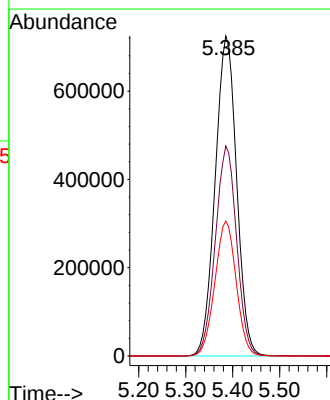
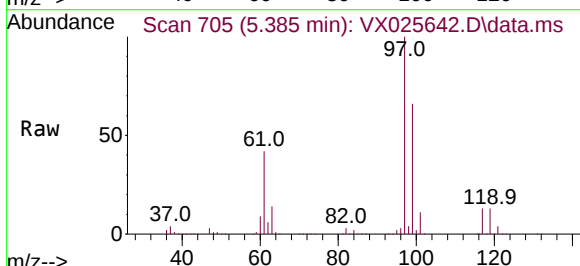
Tgt Ion: 97 Resp: 2303210

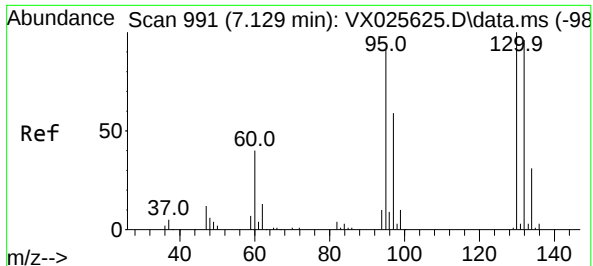
Ion Ratio Lower Upper

97 100

99 65.2 51.5 77.3

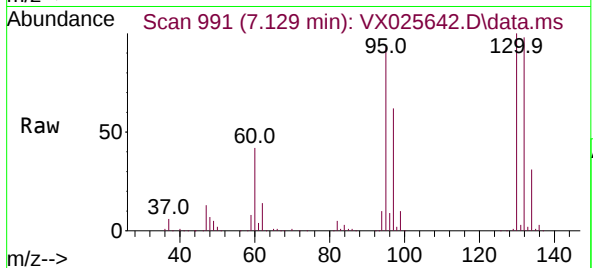
61 41.9 33.1 49.7





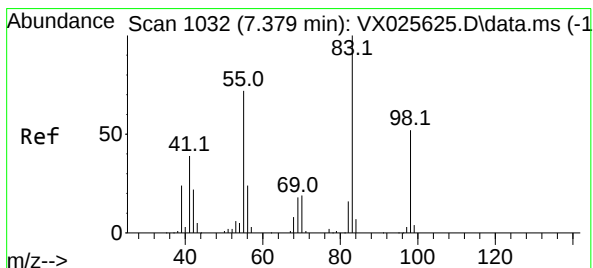
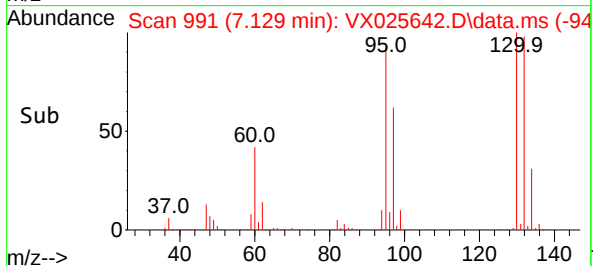
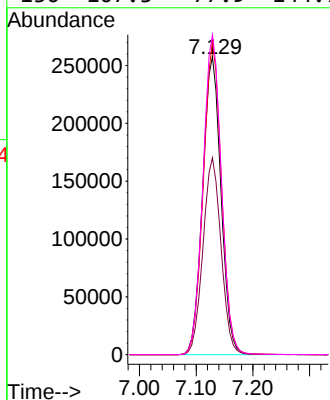
#34
Trichloroethene
Concen: 611.091 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025642.D
Acq: 09 Dec 2021 00:09

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 579402

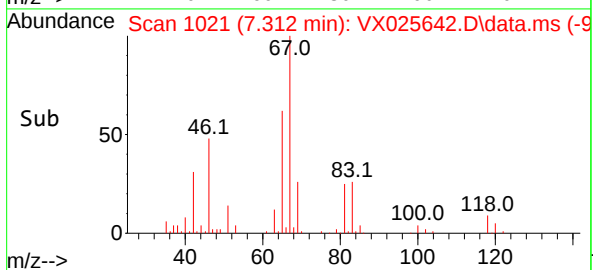
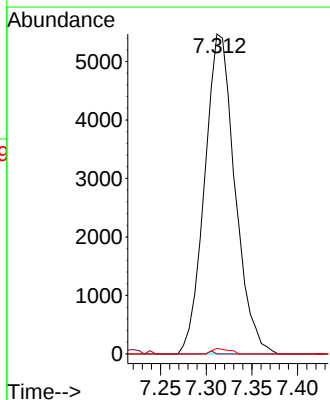
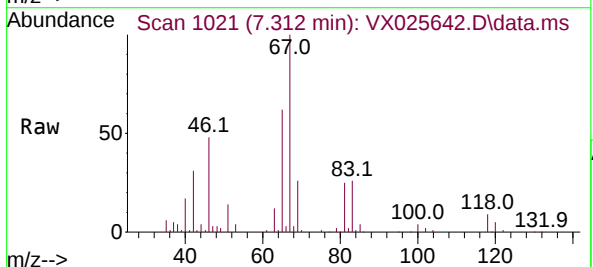
Ion	Ratio	Lower	Upper
95	100		
97	66.1	46.0	85.4
132	105.0	75.0	139.2
130	107.3	77.9	144.7

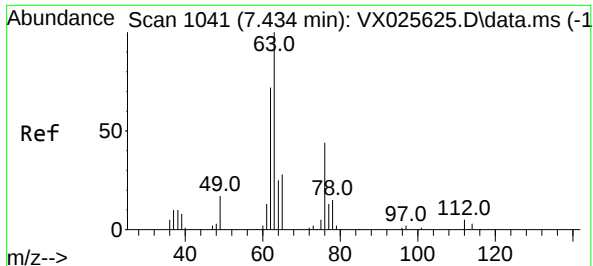


#35
Methylcyclohexane
Concen: 8.463 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.067 min
Lab File: VX025642.D
Acq: 09 Dec 2021 00:09

Tgt Ion: 83 Resp: 12629

Ion	Ratio	Lower	Upper
83	100		
55	0.2	57.3	85.9#
98	1.0	41.1	61.7#





#37

1,2-Dichloropropane

Concen: 6.238 ug/L

RT: 7.312 min Scan# 1188

Delta R.T. -0.122 min

Lab File: VX025642.D

Acq: 09 Dec 2021 00:09

Instrument :

MSVOA_X

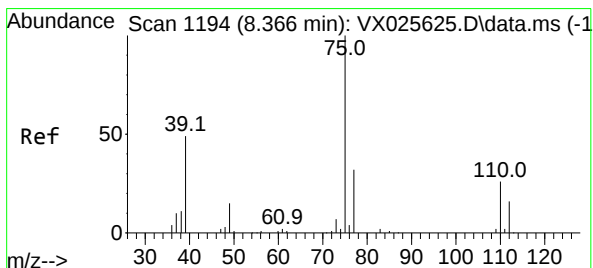
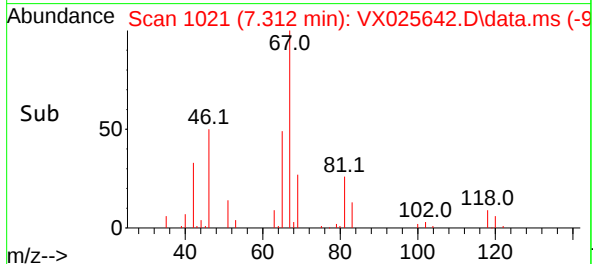
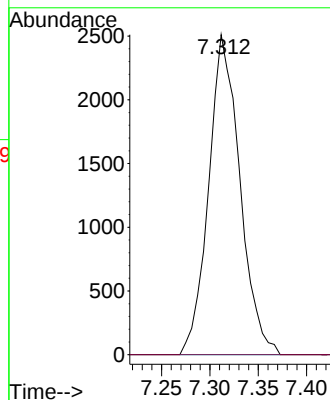
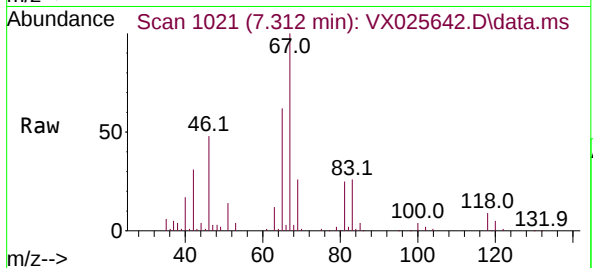
ClientSampleId :

Tgt Ion: 63 Resp: 5640

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 1.055 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX025642.D

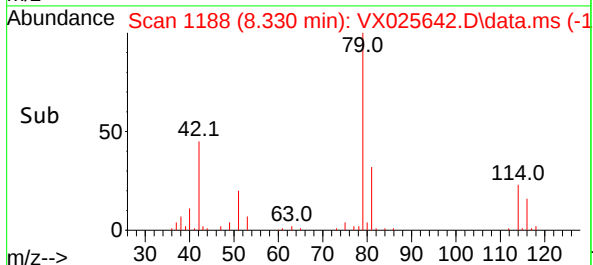
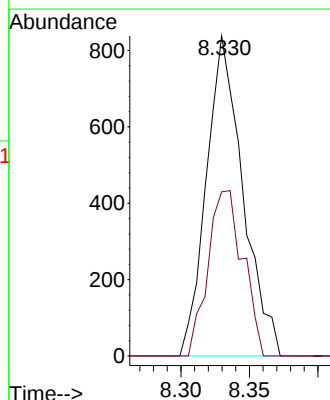
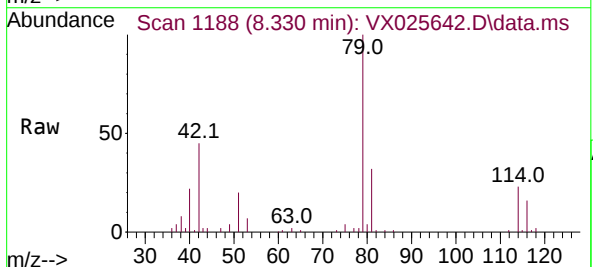
Acq: 09 Dec 2021 00:09

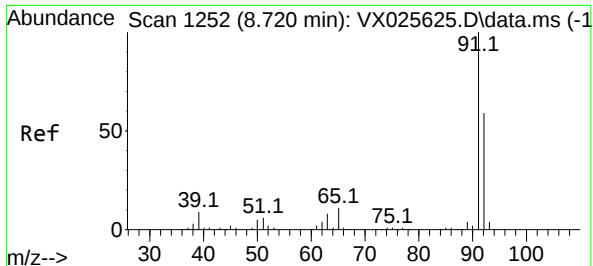
Tgt Ion: 75 Resp: 1553

Ion Ratio Lower Upper

75 100

77 51.3 22.3 41.3#

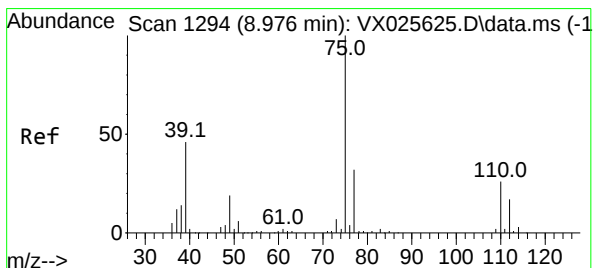
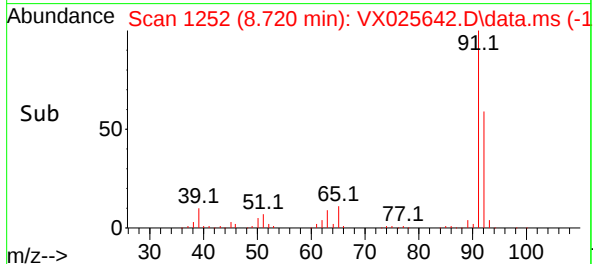
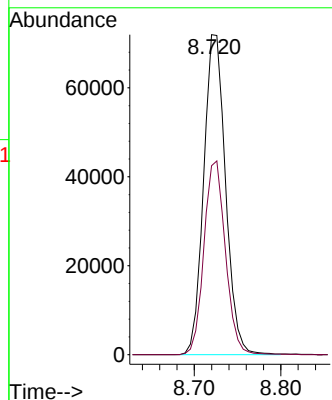
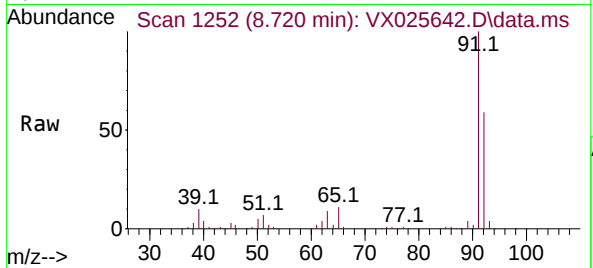




#42
Toluene
Concen: 31.822 ug/L
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025642.D
Acq: 09 Dec 2021 00:09

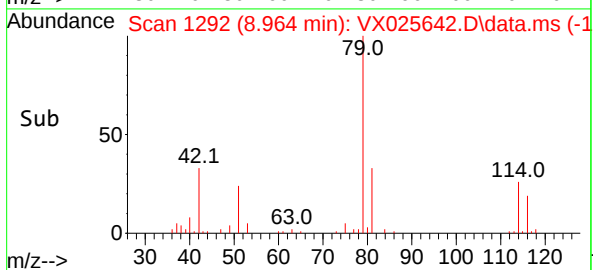
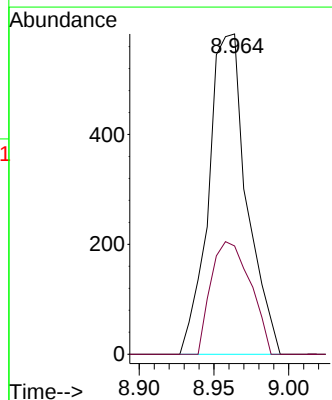
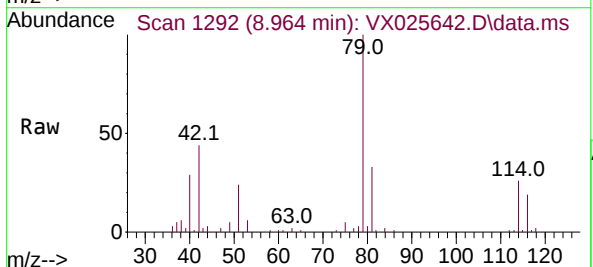
Instrument :
MSVOA_X
ClientSampleId :

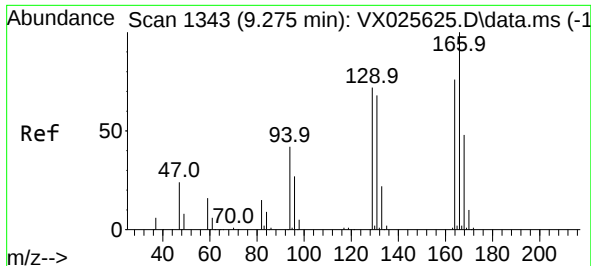
Tgt Ion: 91 Resp: 126510
Ion Ratio Lower Upper
91 100
92 59.1 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 0.733 ug/L
RT: 8.964 min Scan# 1292
Delta R.T. -0.012 min
Lab File: VX025642.D
Acq: 09 Dec 2021 00:09

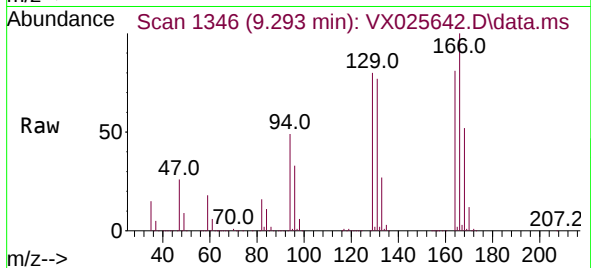
Tgt Ion: 75 Resp: 1037
Ion Ratio Lower Upper
75 100
77 33.8 23.0 42.8



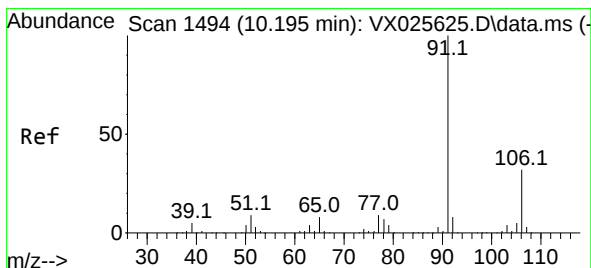
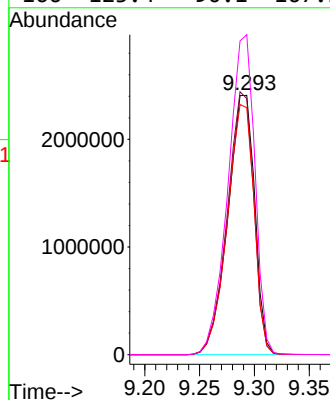
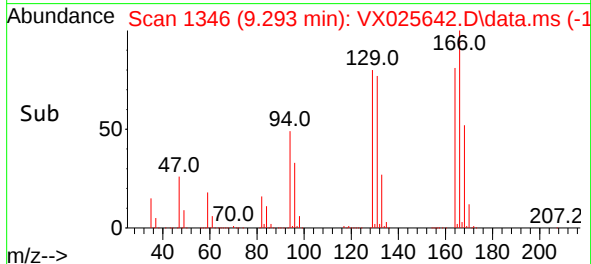


#46
Tetrachloroethene
Concen: 5117.320 ug/L
RT: 9.293 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX025642.D
Acq: 09 Dec 2021 00:09

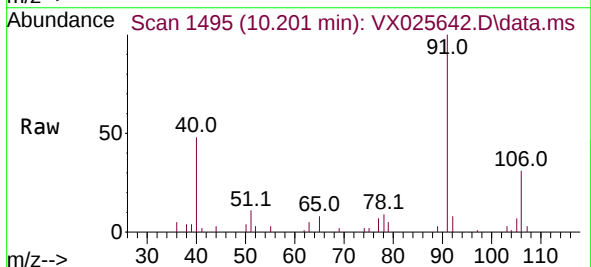
Instrument :
MSVOA_X
ClientSampleId :



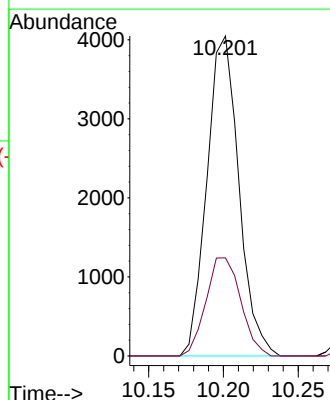
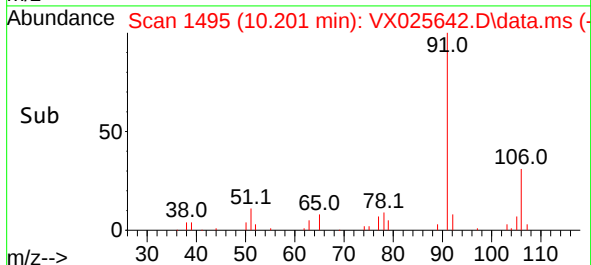
Tgt Ion:164 Resp: 4114819
Ion Ratio Lower Upper
164 100
129 98.7 64.7 120.1
131 95.3 63.2 117.4
166 123.4 90.1 167.3

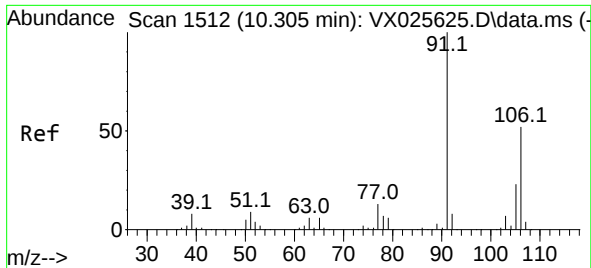


#52
Ethylbenzene
Concen: 1.410 ug/L
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX025642.D
Acq: 09 Dec 2021 00:09



Tgt Ion: 91 Resp: 6026
Ion Ratio Lower Upper
91 100
106 30.6 23.1 42.9

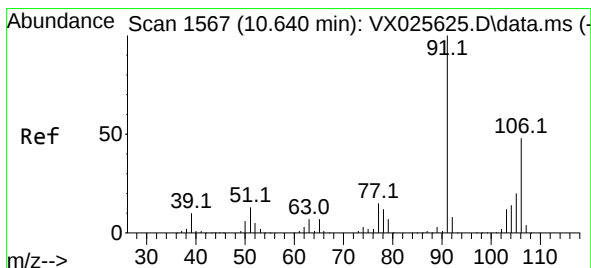
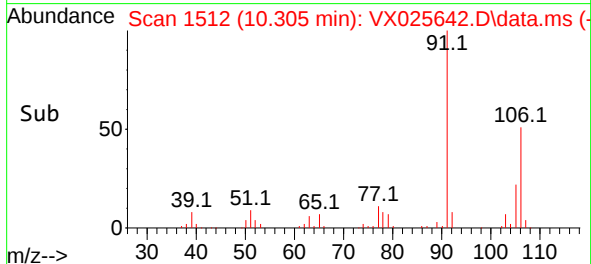
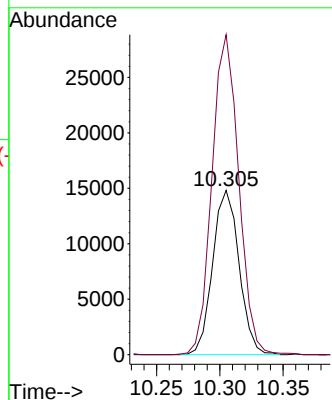
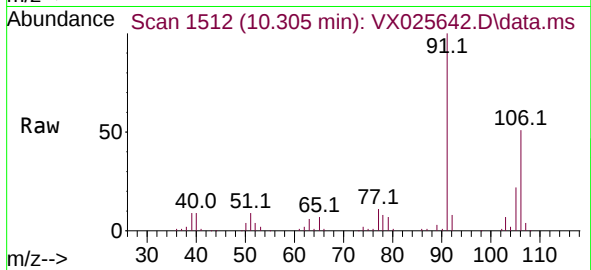




#53
m,p-Xylene
Concen: 12.426 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025642.D
Acq: 09 Dec 2021 00:09

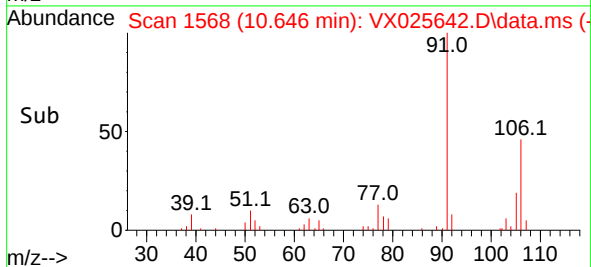
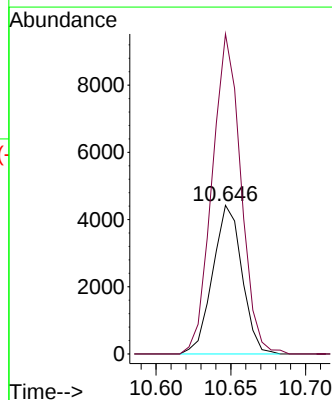
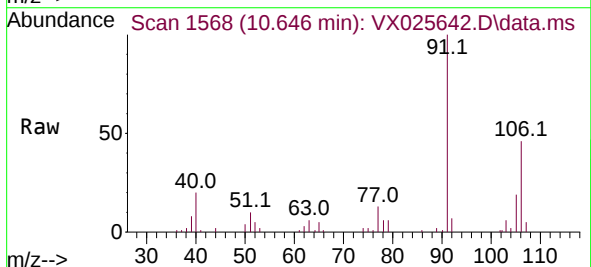
Instrument :
MSVOA_X
ClientSampleId :

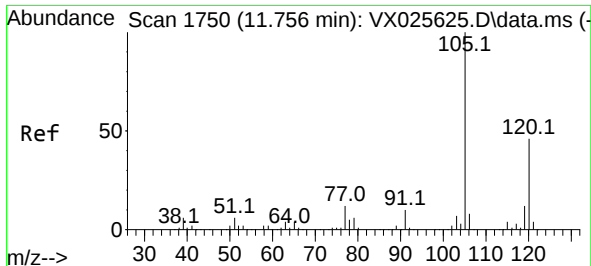
Tgt Ion:106 Resp: 21505
Ion Ratio Lower Upper
106 100
91 194.8 136.8 254.2



#54
o-Xylene
Concen: 3.476 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX025642.D
Acq: 09 Dec 2021 00:09

Tgt Ion:106 Resp: 6021
Ion Ratio Lower Upper
106 100
91 215.3 140.5 260.9

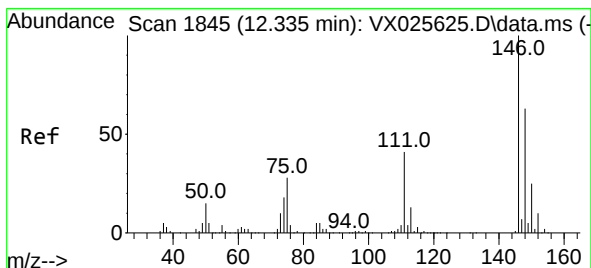
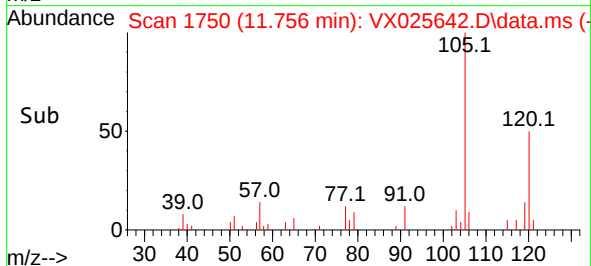
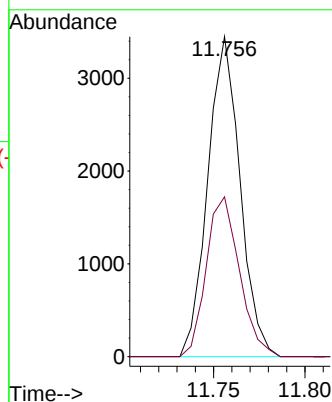
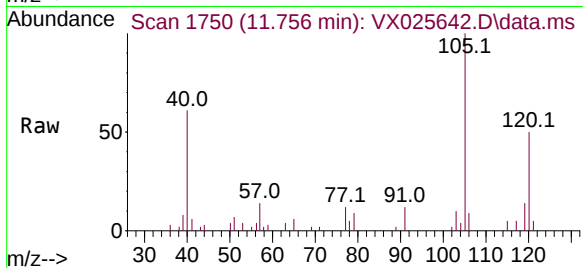




#63
1,2,4-Trimethylbenzene
Concen: 1.106 ug/L
RT: 11.756 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025642.D
Acq: 09 Dec 2021 00:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 4243
Ion Ratio Lower Upper
105 100
120 51.4 0.1 0.1#



#67
1,2-Dichlorobenzene
Concen: 0.912 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX025642.D
Acq: 09 Dec 2021 00:09

Tgt Ion:146 Resp: 1923
Ion Ratio Lower Upper
146 100
111 38.5 32.3 48.5
148 62.1 50.3 75.5

