

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100721\
 Data File : VX024651.D
 Acq On : 07 Oct 2021 17:24
 Operator : JC/MD
 Sample : M4000-20ME
 Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW913ME

Quant Time: Oct 07 23:09:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML100721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 23:05:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	220143	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	219953	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	119459	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	60964	44.727	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.460%
7) Chloroethane-d5	1.648	69	24282	27.063	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	54.120%#
11) 1,1-Dichloroethene-d2	2.270	63	89997	33.629	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.260%
21) 2-Butanone-d5	4.507	46	66009	58.906	ug/L	0.05
Spiked Amount	100.000	Range	40 - 130	Recovery	=	58.910%
24) Chloroform-d	5.068	84	128255	46.460	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.920%
26) 1,2-Dichloroethane-d4	5.964	65	98209	50.303	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.600%
32) Benzene-d6	5.971	84	269159	43.440	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.880%
36) 1,2-Dichloropropane-d6	7.312	67	84803	43.760	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.520%
41) Toluene-d8	8.653	98	263443	43.640	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.280%
43) trans-1,3-Dichloroprop...	8.958	79	41351	43.063	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.120%
47) 2-Hexanone-d5	9.403	63	85372	93.837	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.840%
56) 1,1,2,2-Tetrachloroeth...	11.201	84	140415	52.610	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.220%
66) 1,2-Dichlorobenzene-d4	12.323	152	116856	49.995	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
15) Methyl Acetate	2.739	43	6382	3.616	ug/L #	75
16) Methylene chloride	2.776	84	2229	1.465	ug/L #	84
20) cis-1,2-Dichloroethene	4.495	96	2153	1.331	ug/L	89
27) 1,2-Dichloroethane	5.971	62	1697	0.722	ug/L	97
29) Cyclohexane	5.477	56	26844	9.833	ug/L	97
34) Trichloroethene	7.123	95	30668	16.393	ug/L	99
35) Methylcyclohexane	7.379	83	198953	66.895	ug/L	89
40) 4-Methyl-2-pentanone	8.604	43	16199	5.947	ug/L #	42
42) Toluene	8.726	91	14172	1.868	ug/L	90
44) trans-1,3-Dichloropropene	8.958	75	2363	0.901	ug/L #	71
52) Ethylbenzene	10.195	91	44180	5.656	ug/L	93
53) m,p-Xylene	10.305	106	9855	3.229	ug/L	84
54) o-Xylene	10.647	106	5428	1.781	ug/L	89
57) 1,1,2,2-Tetrachloroethane	11.220	83	25622	9.314	ug/L #	35
60) Isopropylbenzene	11.402	105	49648	6.035	ug/L	94
62) 1,3,5-Trimethylbenzene	11.457	105	21258	2.942	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	20583	2.914	ug/L	95
68) 1,2-Dibromo-3-chloropr...	13.177	75	1131	1.716	ug/L #	16
71) Naphthalene	13.780	128	56982	7.321	ug/L #	93

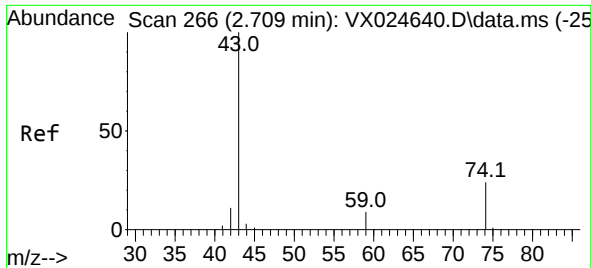
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100721\
Data File : VX024651.D
Acq On : 07 Oct 2021 17:24
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MSVOA_X
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Quant Time: Oct 07 23:09:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML100721WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 07 23:05:28 2021
Response via : Initial Calibration

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

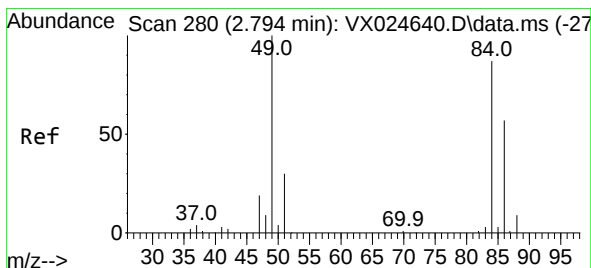
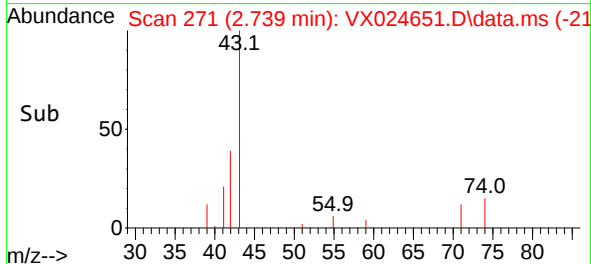
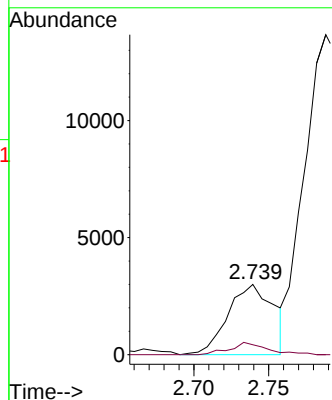
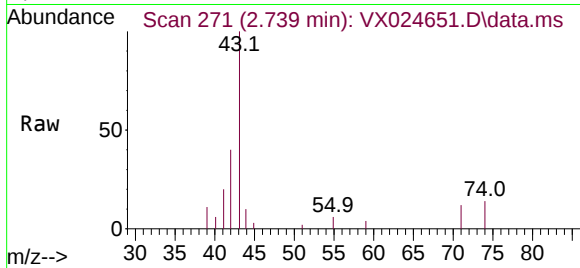
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#15
Methyl Acetate
Concen: 3.616 ug/L
RT: 2.739 min Scan# 271
Delta R.T. 0.031 min
Lab File: VX024651.D
Acq: 07 Oct 2021 17:24

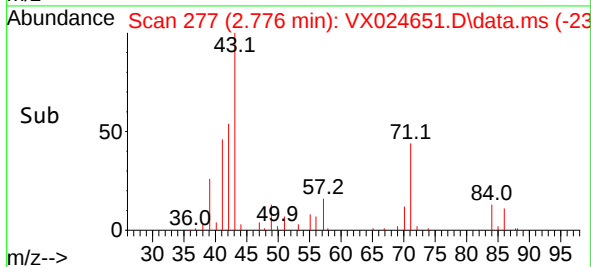
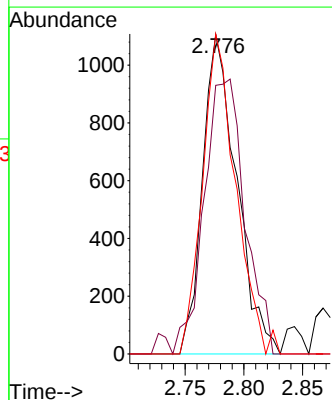
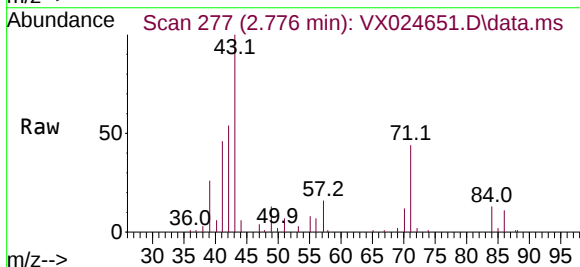
Instrument :
MSVOA_X
ClientSampleId :
EW913ME

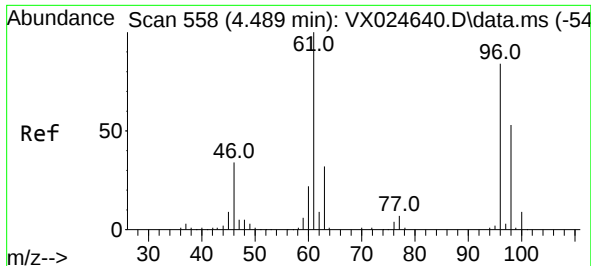
Tgt Ion: 43 Resp: 6382
Ion Ratio Lower Upper
43 100
74 14.2 21.7 32.5#



#16
Methylene chloride
Concen: 1.465 ug/L
RT: 2.776 min Scan# 277
Delta R.T. -0.018 min
Lab File: VX024651.D
Acq: 07 Oct 2021 17:24

Tgt Ion: 84 Resp: 2229
Ion Ratio Lower Upper
84 100
86 84.2 44.2 82.0#
49 100.3 77.8 144.6





#20

cis-1,2-Dichloroethene

Concen: 1.331 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

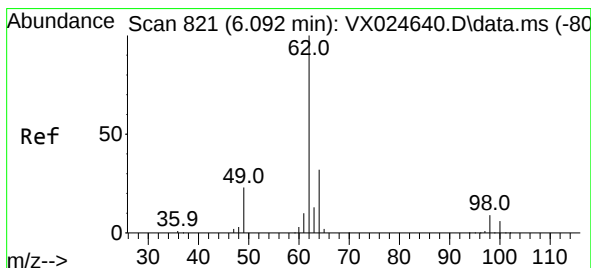
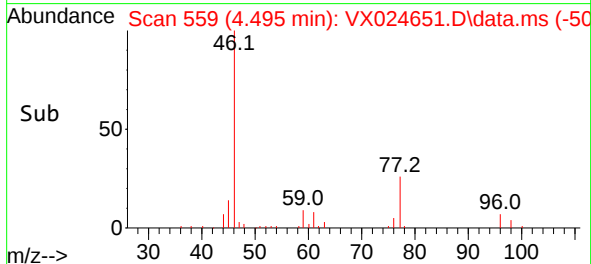
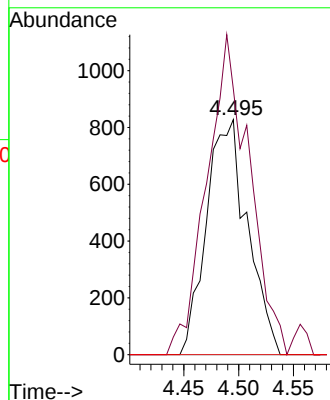
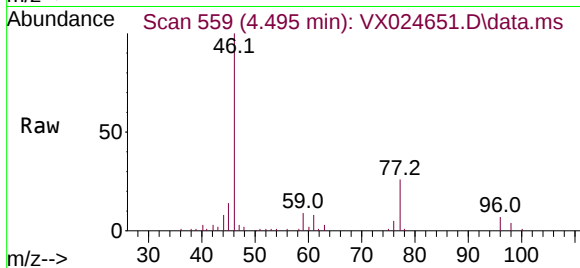
Lab File: VX024651.D

Acq: 07 Oct 2021 17:24

Tgt Ion: 96 Resp: 2153

Ion	Ratio	Lower	Upper
96	100		
61	113.0	87.8	163.0
68	0.0	0.0	0.0

Instrument :
MSVOA_X
ClientSampleId :
EW913ME



#27

1,2-Dichloroethane

Concen: 0.722 ug/L

RT: 5.971 min Scan# 801

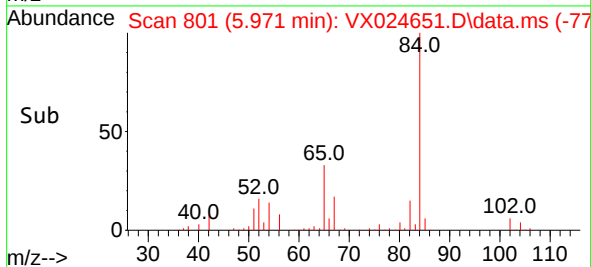
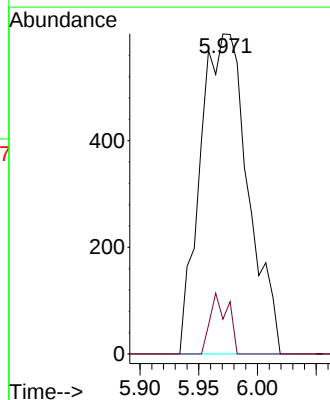
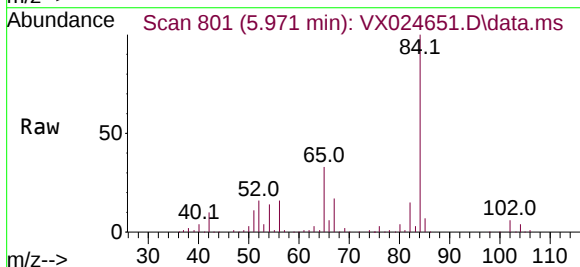
Delta R.T. -0.122 min

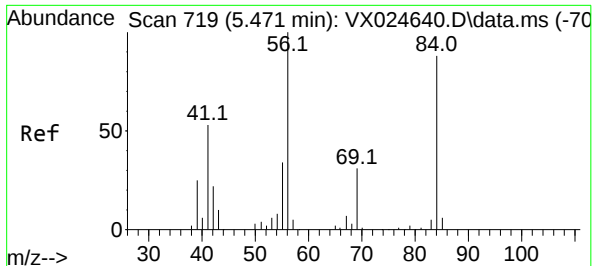
Lab File: VX024651.D

Acq: 07 Oct 2021 17:24

Tgt Ion: 62 Resp: 1697

Ion	Ratio	Lower	Upper
62	100		
98	10.8	7.9	11.9





#29

Cyclohexane

Concen: 9.833 ug/L

RT: 5.477 min Scan# 720

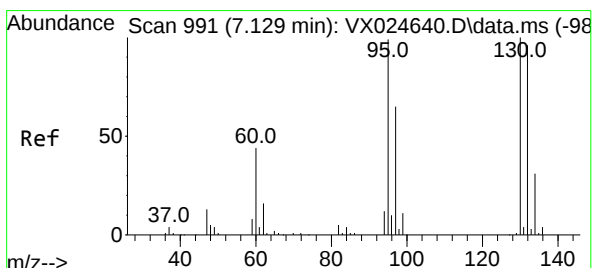
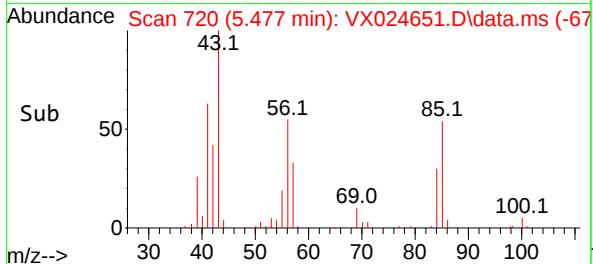
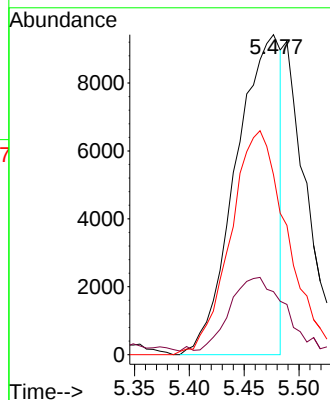
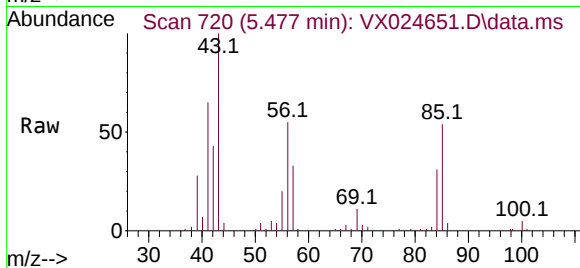
Delta R.T. 0.006 min

Lab File: VX024651.D

Acq: 07 Oct 2021 17:24

Tgt Ion: 56 Resp: 26844

Ion	Ratio	Lower	Upper
56	100		
69	30.6	25.7	38.5
84	88.1	72.4	108.6



#34

Trichloroethene

Concen: 16.393 ug/L

RT: 7.123 min Scan# 990

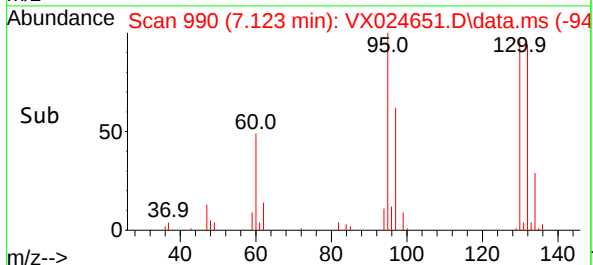
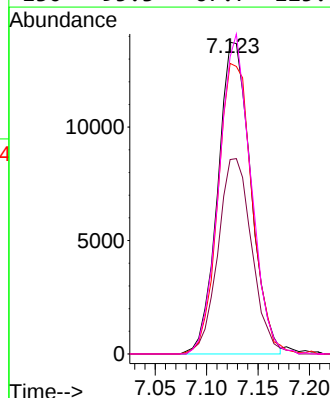
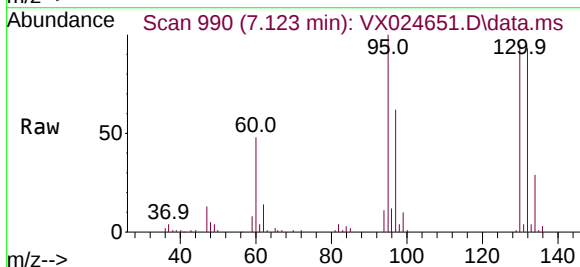
Delta R.T. -0.006 min

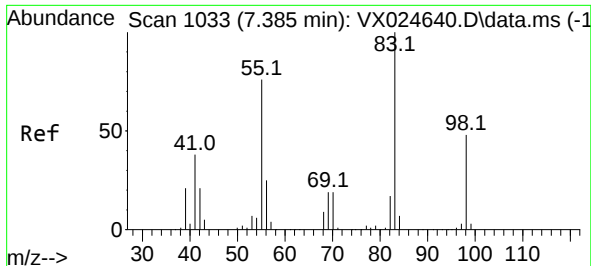
Lab File: VX024651.D

Acq: 07 Oct 2021 17:24

Tgt Ion: 95 Resp: 30668

Ion	Ratio	Lower	Upper
95	100		
97	62.3	44.5	82.7
132	93.2	65.2	121.0
130	95.3	67.7	125.7

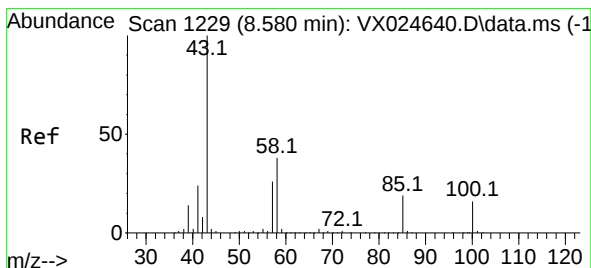
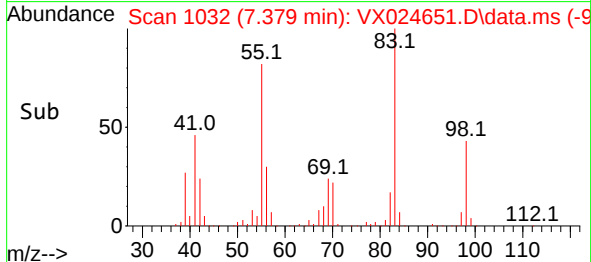
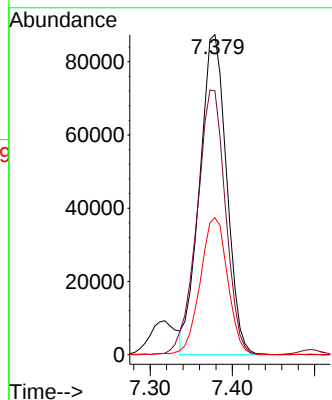
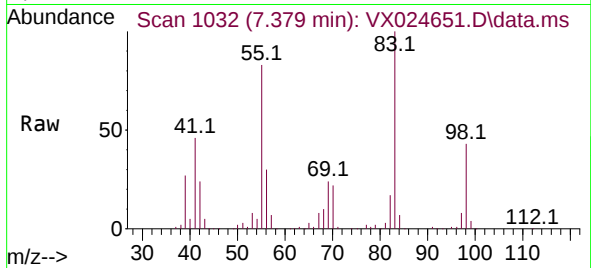




#35
Methylcyclohexane
Concen: 66.895 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX024651.D
Acq: 07 Oct 2021 17:24

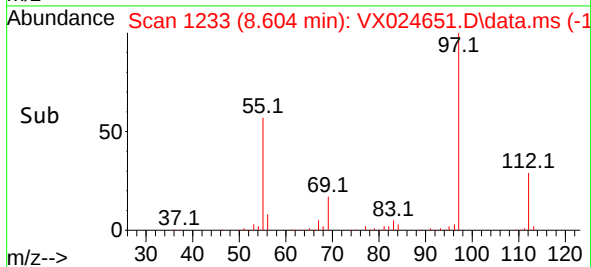
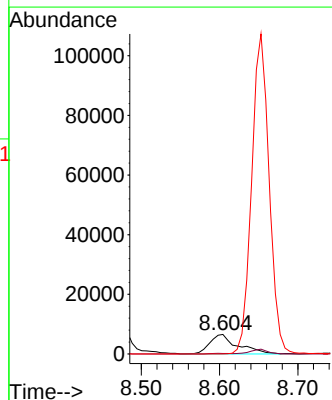
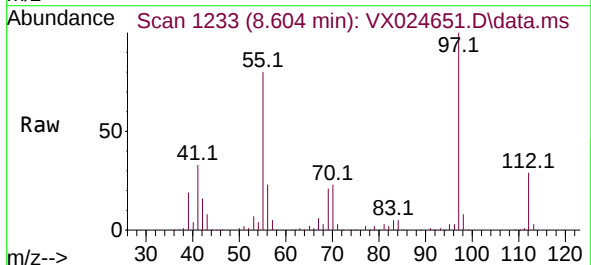
Instrument :
MSVOA_X
ClientSampleId :
EW913ME

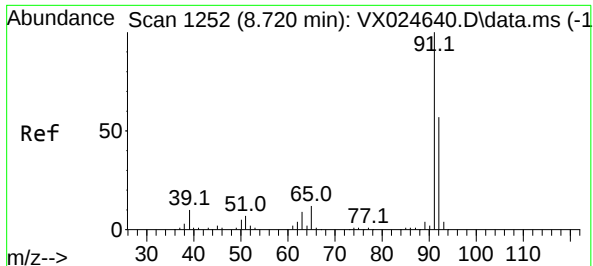
Tgt Ion: 83 Resp: 198953
Ion Ratio Lower Upper
83 100
55 87.5 61.2 91.8
98 43.4 38.7 58.1



#40
4-Methyl-2-pentanone
Concen: 5.947 ug/L
RT: 8.604 min Scan# 1233
Delta R.T. 0.024 min
Lab File: VX024651.D
Acq: 07 Oct 2021 17:24

Tgt Ion: 43 Resp: 16199
Ion Ratio Lower Upper
43 100
58 2.0 35.0 52.4#
100 0.0 14.2 21.4#

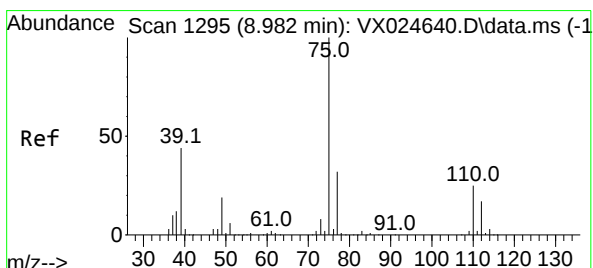
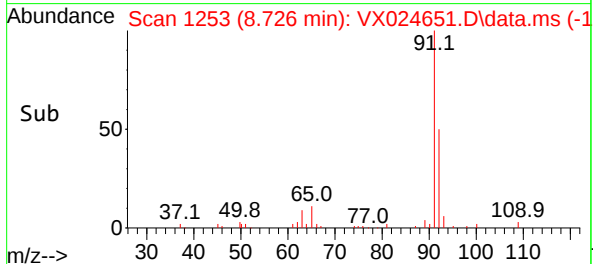
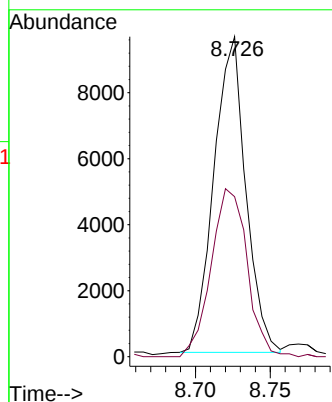
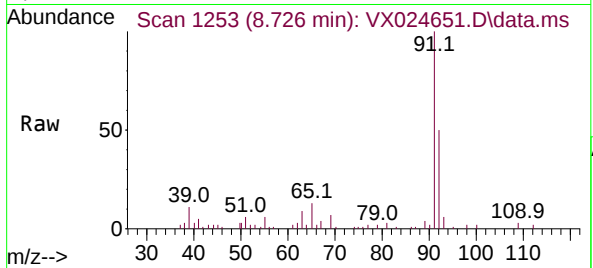




#42
Toluene
Concen: 1.868 ug/L
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX024651.D
Acq: 07 Oct 2021 17:24

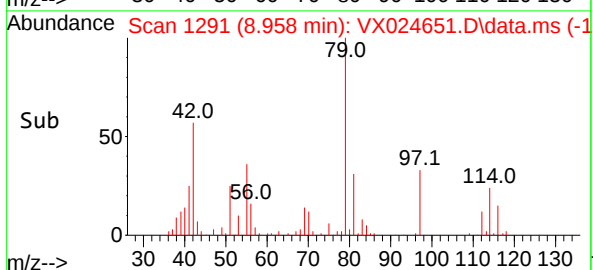
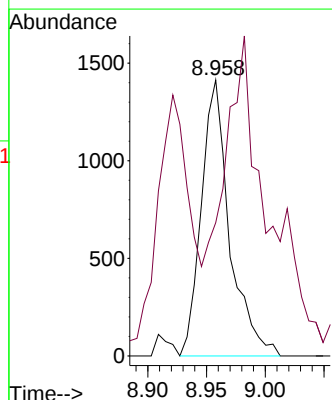
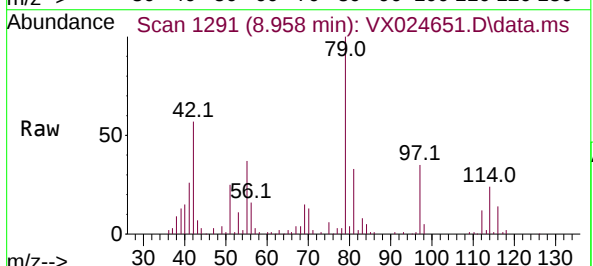
Instrument :
MSVOA_X
ClientSampleId :
EW913ME

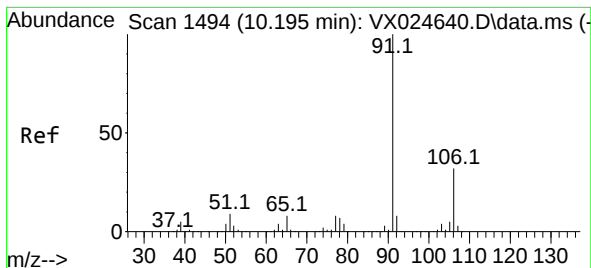
Tgt Ion: 91 Resp: 14172
Ion Ratio Lower Upper
91 100
92 50.0 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.901 ug/L
RT: 8.958 min Scan# 1291
Delta R.T. -0.024 min
Lab File: VX024651.D
Acq: 07 Oct 2021 17:24

Tgt Ion: 75 Resp: 2363
Ion Ratio Lower Upper
75 100
77 48.3 22.4 41.6#

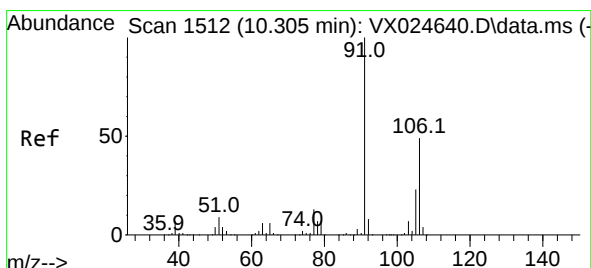
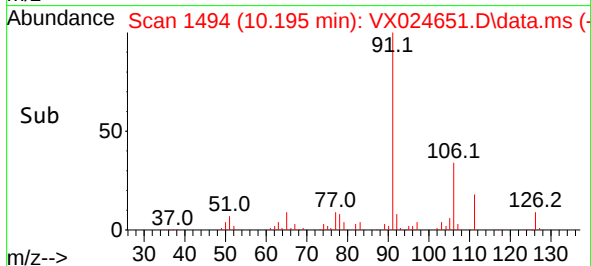
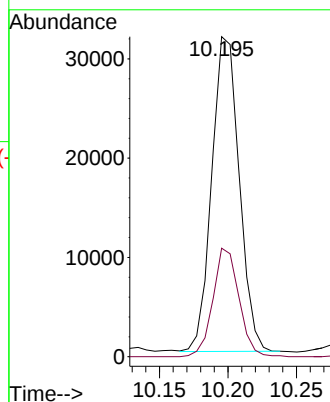
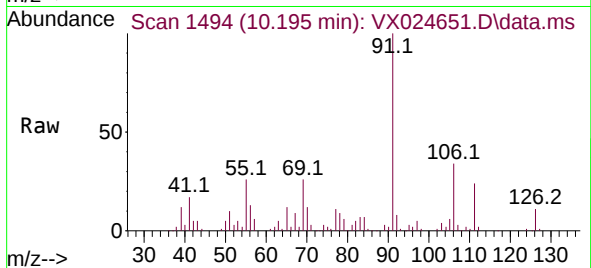




#52
Ethylbenzene
Concen: 5.656 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX024651.D
Acq: 07 Oct 2021 17:24

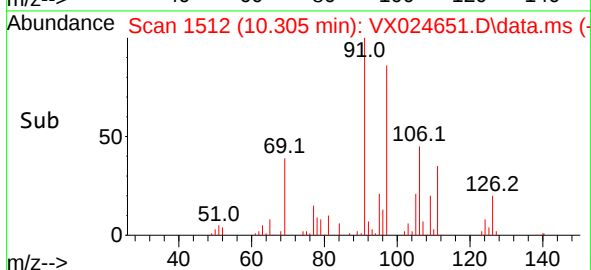
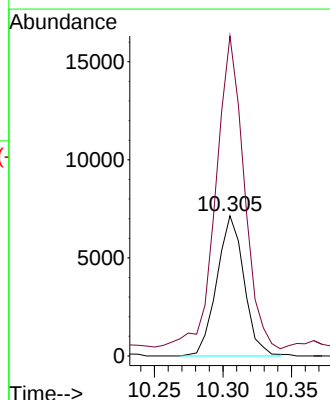
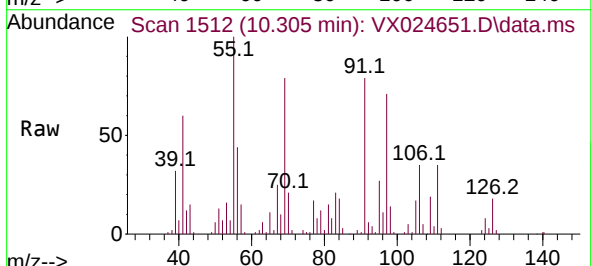
Instrument :
MSVOA_X
ClientSampleId :
EW913ME

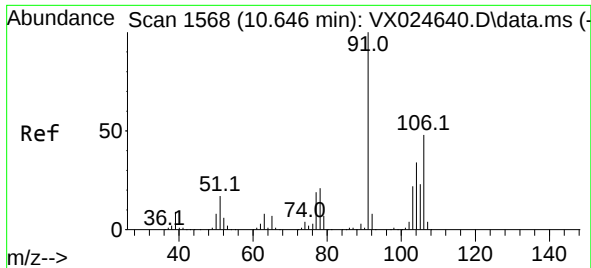
Tgt Ion: 91 Resp: 44180
Ion Ratio Lower Upper
91 100
106 33.9 21.0 39.0



#53
m,p-Xylene
Concen: 3.229 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX024651.D
Acq: 07 Oct 2021 17:24

Tgt Ion: 106 Resp: 9855
Ion Ratio Lower Upper
106 100
91 228.2 142.5 264.6

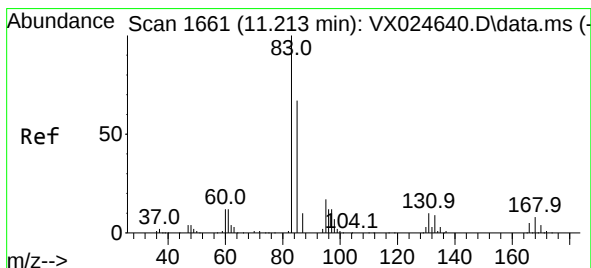
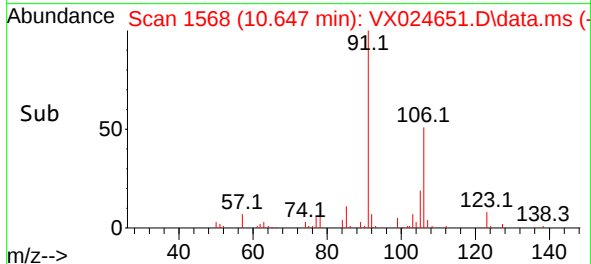
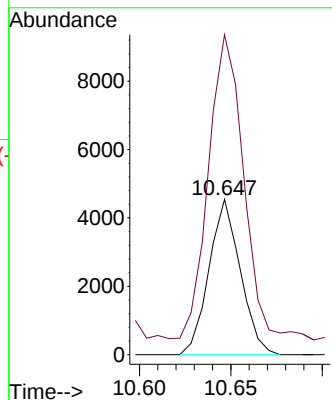
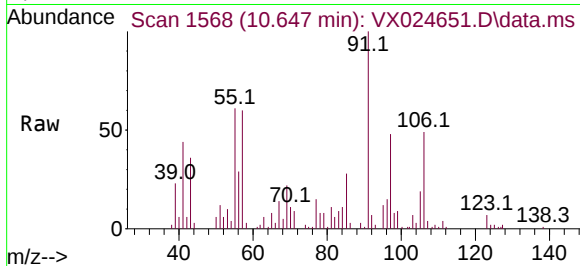




#54
o-Xylene
Concen: 1.781 ug/L
RT: 10.647 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX024651.D
Acq: 07 Oct 2021 17:24

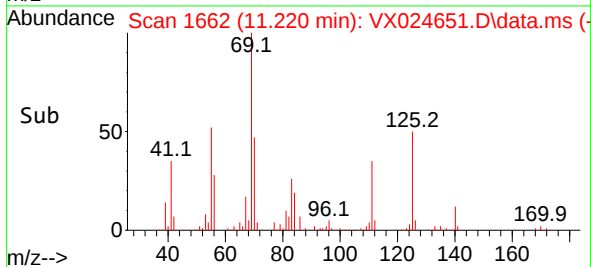
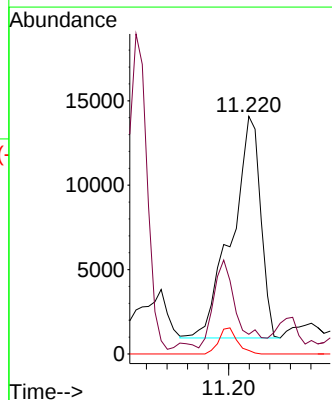
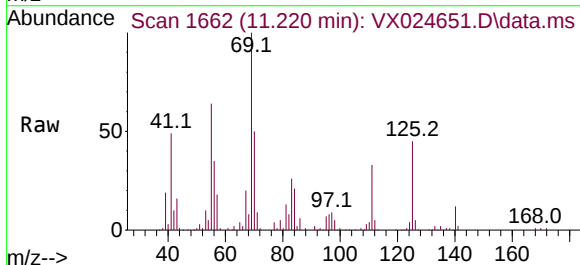
Instrument :
MSVOA_X
ClientSampleID :
EW913ME

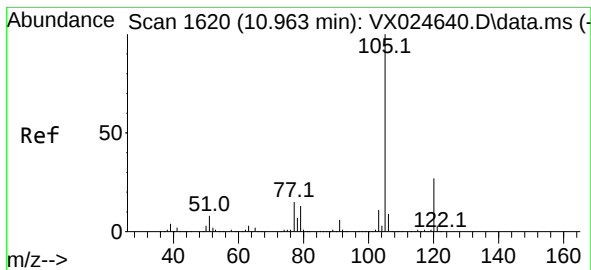
Tgt Ion:106 Resp: 5428
Ion Ratio Lower Upper
106 100
91 206.1 156.2 290.0



#57
1,1,2,2-Tetrachloroethane
Concen: 9.314 ug/L
RT: 11.220 min Scan# 1662
Delta R.T. 0.006 min
Lab File: VX024651.D
Acq: 07 Oct 2021 17:24

Tgt Ion: 83 Resp: 25622
Ion Ratio Lower Upper
83 100
85 8.3 44.7 82.9#
131 1.5 7.8 11.8#





#60

Isopropylbenzene

Concen: 6.035 ug/L

RT: 11.402 min Scan# 1692

Delta R.T. 0.439 min

Lab File: VX024651.D

Acq: 07 Oct 2021 17:24

Tgt Ion:105 Resp: 49648

Ion Ratio Lower Upper

105 100

120 31.1 21.2 31.8

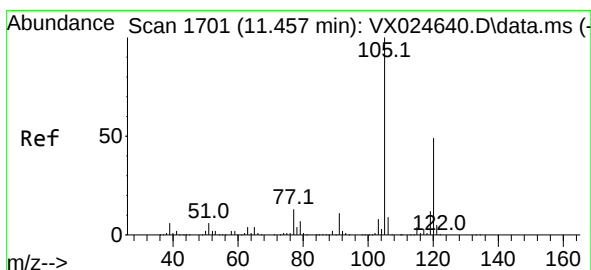
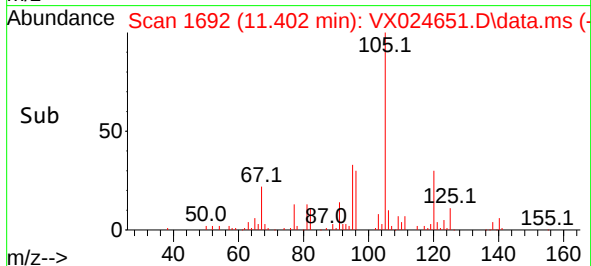
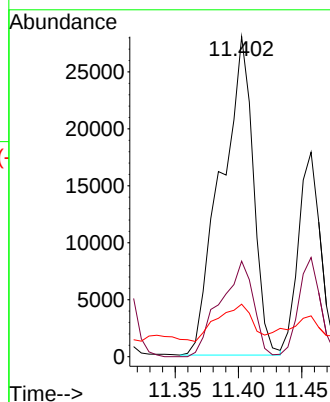
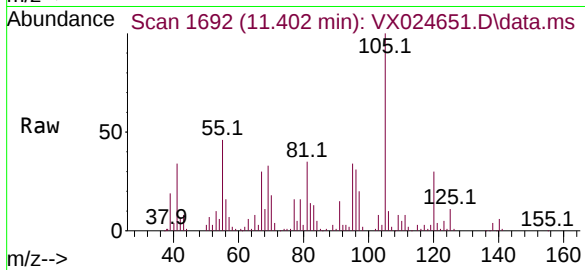
77 15.5 12.6 18.8

Instrument :

MSVOA_X

ClientSampleId :

EW913ME



#62

1,3,5-Trimethylbenzene

Concen: 2.942 ug/L

RT: 11.457 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VX024651.D

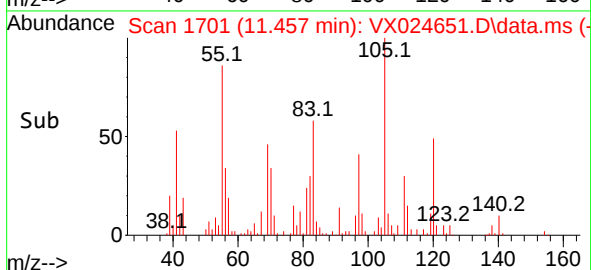
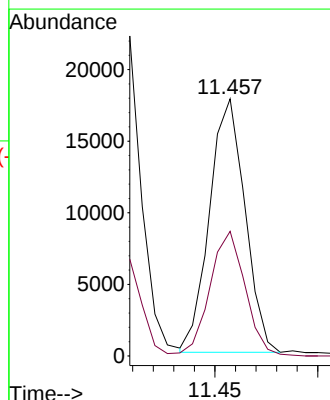
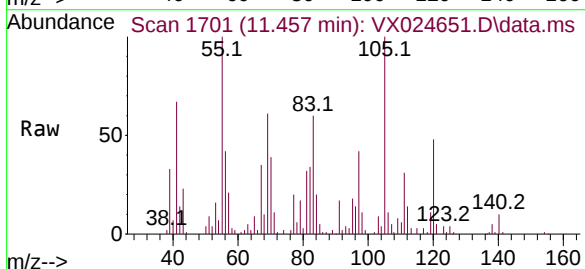
Acq: 07 Oct 2021 17:24

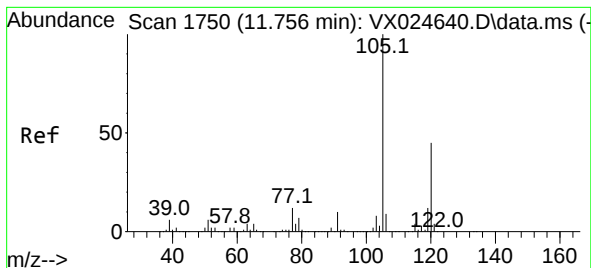
Tgt Ion:105 Resp: 21258

Ion Ratio Lower Upper

105 100

120 49.1 38.0 57.0

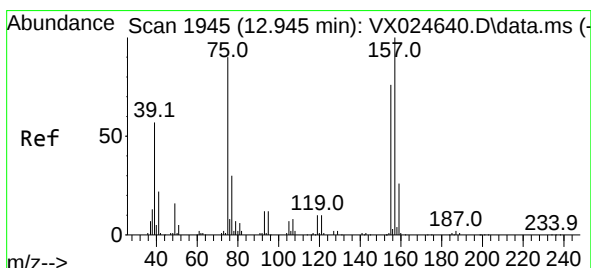
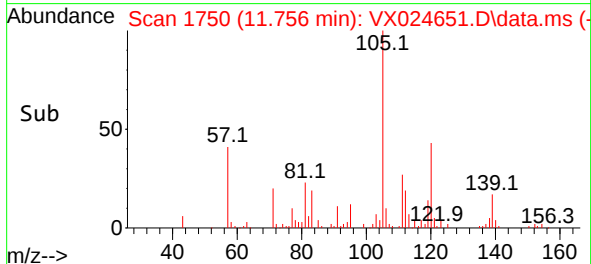
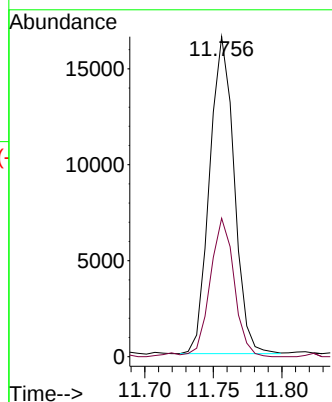
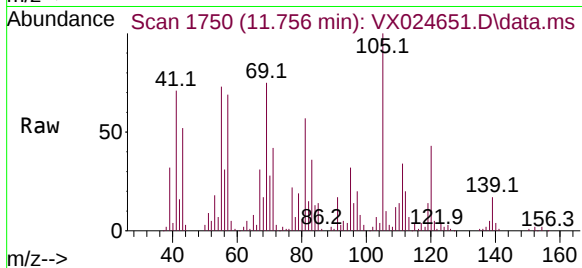




#63
1,2,4-Trimethylbenzene
Concen: 2.914 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX024651.D
Acq: 07 Oct 2021 17:24

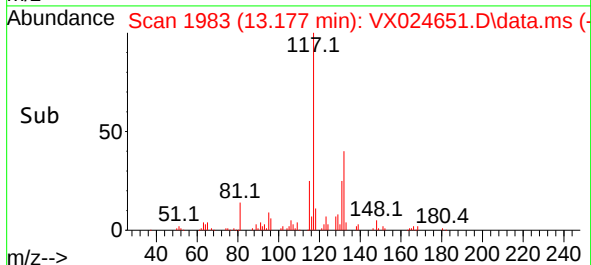
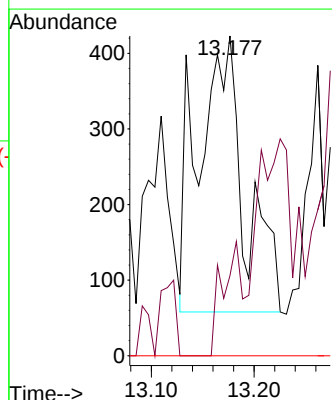
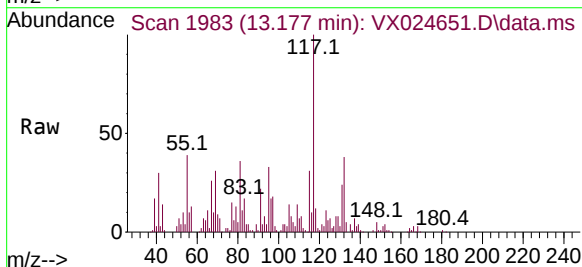
Instrument :
MSVOA_X
ClientSampleId :
EW913ME

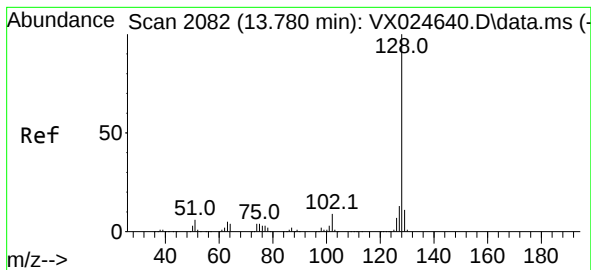
Tgt Ion:105 Resp: 20583
Ion Ratio Lower Upper
105 100
120 42.5 36.4 54.6



#68
1,2-Dibromo-3-chloropropane
Concen: 1.716 ug/L
RT: 13.177 min Scan# 1983
Delta R.T. 0.232 min
Lab File: VX024651.D
Acq: 07 Oct 2021 17:24

Tgt Ion: 75 Resp: 1131
Ion Ratio Lower Upper
75 100
155 25.1 65.3 97.9#
157 0.0 80.5 120.7#





#71
Naphthalene
Concen: 7.321 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024651.D
Acq: 07 Oct 2021 17:24

Instrument :
MSVOA_X
ClientSampleId :
EW913ME

Tgt Ion:128 Resp: 56982
Ion Ratio Lower Upper
128 100
127 14.1 10.2 15.2
129 15.0 8.6 13.0#

