

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
 Data File : VX025225.D
 Acq On : 18 Nov 2021 21:31
 Operator : JC/MD
 Sample : M4677-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 19 05:30:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 19 05:25:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	174046	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	162110	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	81656	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	45559	38.746	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.500%
7) Chloroethane-d5	1.660	69	40064	59.785	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	119.560%
11) 1,1-Dichloroethene-d2	2.307	63	58193	28.775	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.560%#
21) 2-Butanone-d5	4.459	46	92624	104.241	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.240%
24) Chloroform-d	5.062	84	88719	42.890	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.780%
26) 1,2-Dichloroethane-d4	5.958	65	56606	45.147	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.300%
32) Benzene-d6	5.977	84	183318	41.433	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.860%
36) 1,2-Dichloropropane-d6	7.312	67	57054	42.232	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.460%
41) Toluene-d8	8.653	98	173467	41.055	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.100%
43) trans-1,3-Dichloroprop...	8.952	79	30039	40.960	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.920%
47) 2-Hexanone-d5	9.384	63	74755	103.045	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.050%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	87882	45.165	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.320%
66) 1,2-Dichlorobenzene-d4	12.323	152	71242	44.012	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.020%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	1874	1.234	ug/L #	1
8) Chloroethane	1.368	64	1465	1.921	ug/L	84
15) Methyl Acetate	2.697	43	7623	5.617	ug/L #	39
20) cis-1,2-Dichloroethene	4.489	96	4360	3.270	ug/L	96
27) 1,2-Dichloroethane	6.092	62	16669	10.880	ug/L #	84
29) Cyclohexane	5.471	56	178538	86.206	ug/L	87
33) Benzene	6.044	78	476846	95.741	ug/L	100
35) Methylcyclohexane	7.385	83	55506	25.220	ug/L #	80
37) 1,2-Dichloropropane	7.434	63	8917	7.147	ug/L	98
39) cis-1,3-Dichloropropene	8.324	75	2049	1.000	ug/L #	70
40) 4-Methyl-2-pentanone	8.604	43	4154	2.095	ug/L #	35
42) Toluene	8.720	91	6966	1.288	ug/L	96
44) trans-1,3-Dichloropropene	8.952	75	1425	0.715	ug/L	97
52) Ethylbenzene	10.195	91	40630	6.987	ug/L	92
53) m,p-Xylene	10.305	106	5389	2.292	ug/L	76
60) Isopropylbenzene	10.963	105	53862	9.225	ug/L	94
63) 1,2,4-Trimethylbenzene	11.616	105	94846	19.083	ug/L	89

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 19 05:30:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111121WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 19 05:25:45 2021
Response via : Initial Calibration

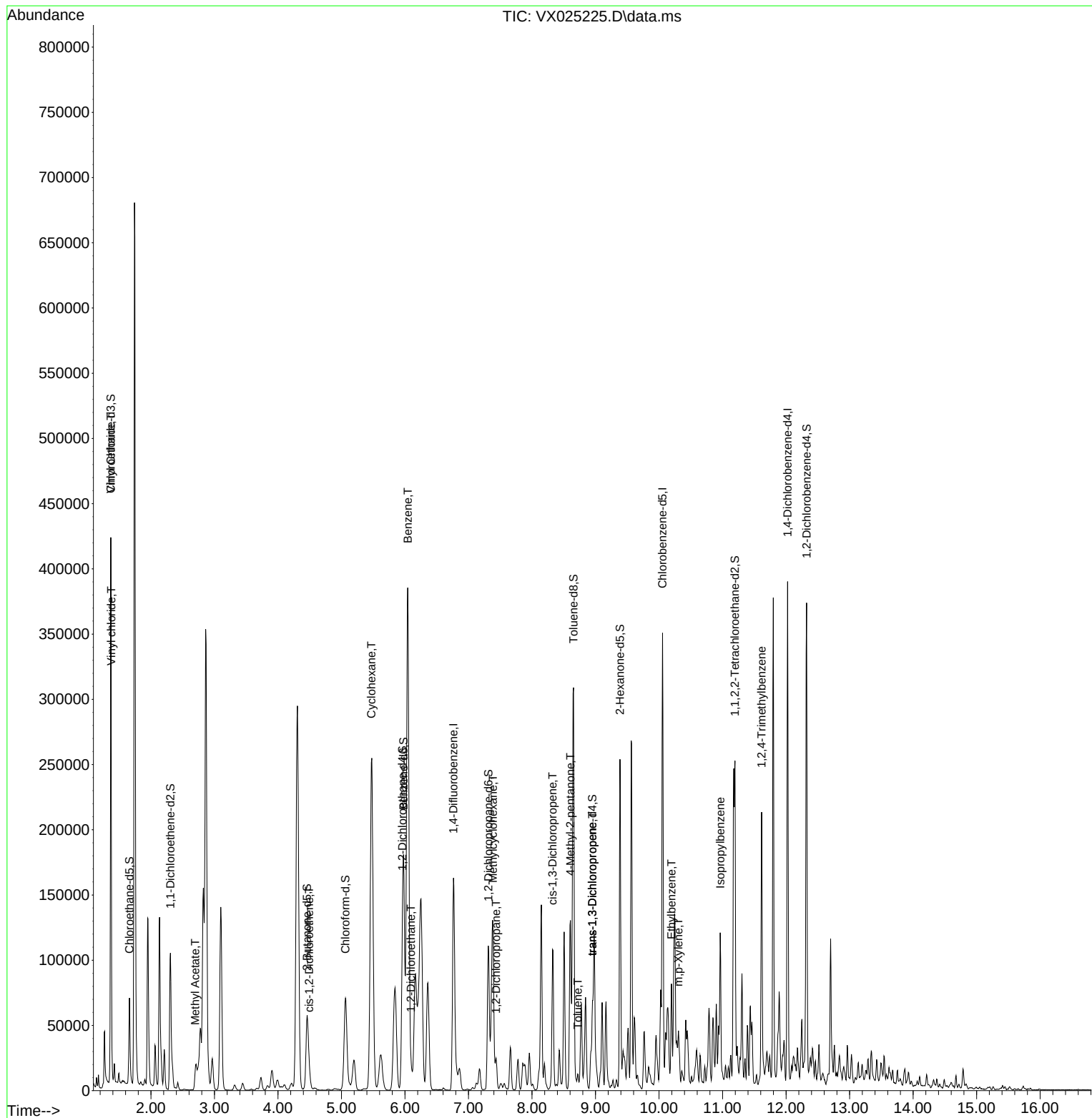
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

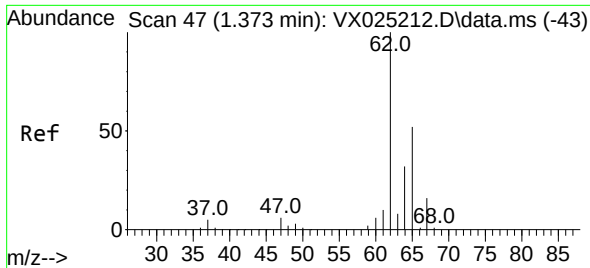
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 19 05:30:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 19 05:25:45 2021
Response via : Initial Calibration

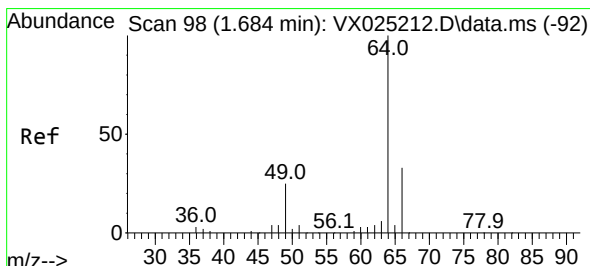
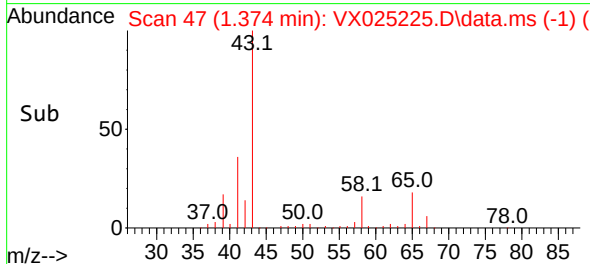
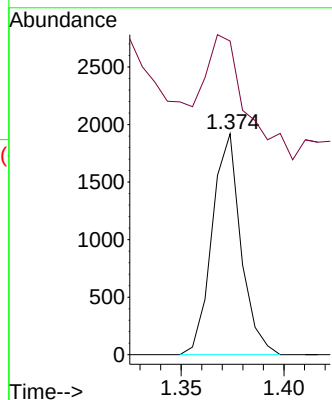
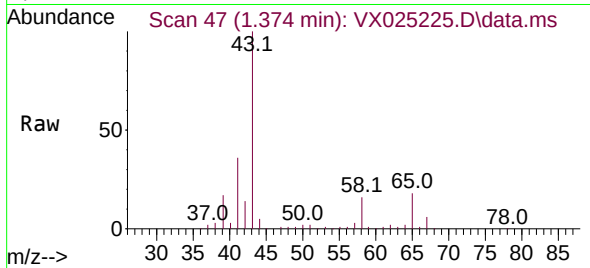




#5
 Vinyl chloride
 Concen: 1.234 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX025225.D
 Acq: 18 Nov 2021 21:31

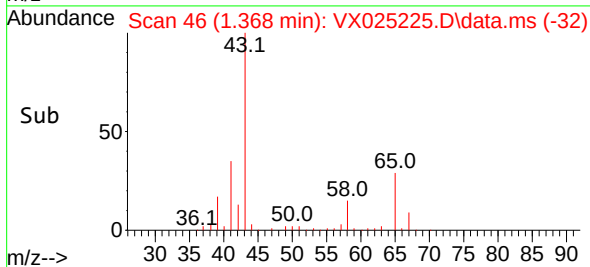
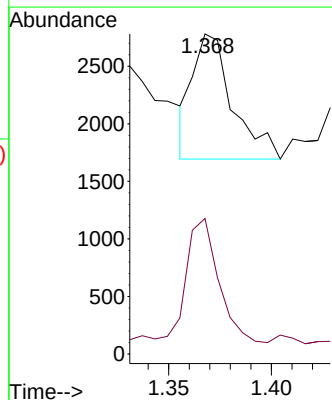
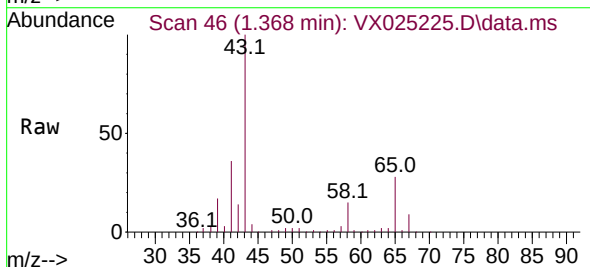
Instrument :
 MSVOA_X
 ClientSampleId :

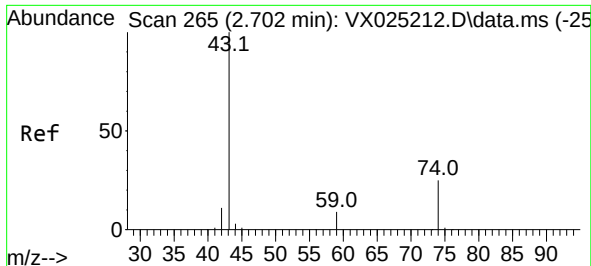
Tgt Ion: 62 Resp: 1874
 Ion Ratio Lower Upper
 62 100
 64 142.0 23.6 43.8#



#8
 Chloroethane
 Concen: 1.921 ug/L
 RT: 1.368 min Scan# 46
 Delta R.T. -0.317 min
 Lab File: VX025225.D
 Acq: 18 Nov 2021 21:31

Tgt Ion: 64 Resp: 1465
 Ion Ratio Lower Upper
 64 100
 66 42.4 23.3 43.3

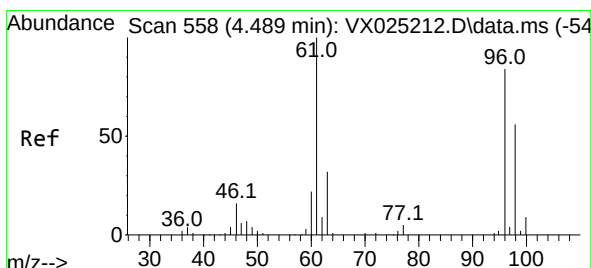
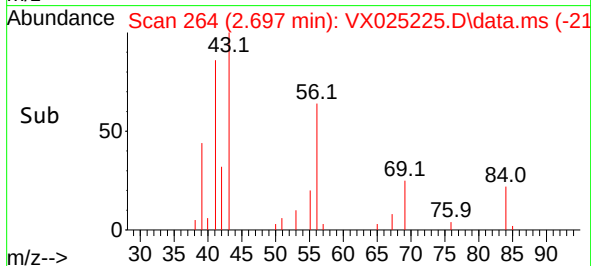
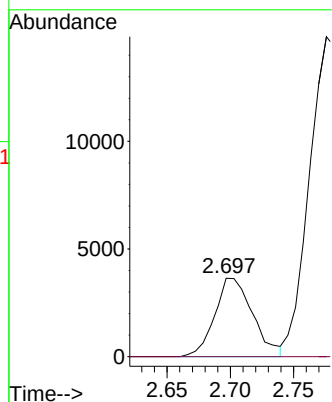
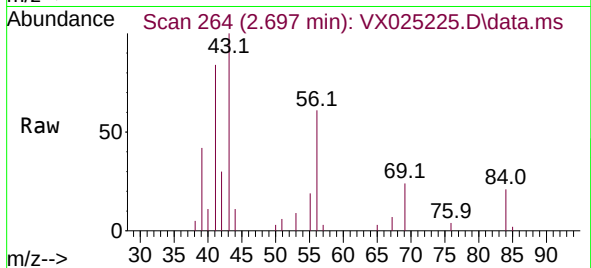




#15
Methyl Acetate
Concen: 5.617 ug/L
RT: 2.697 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX025225.D
Acq: 18 Nov 2021 21:31

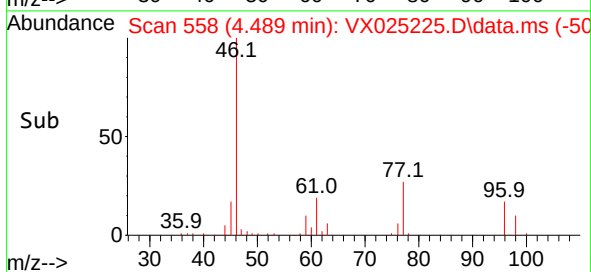
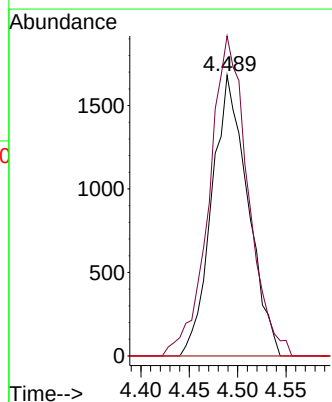
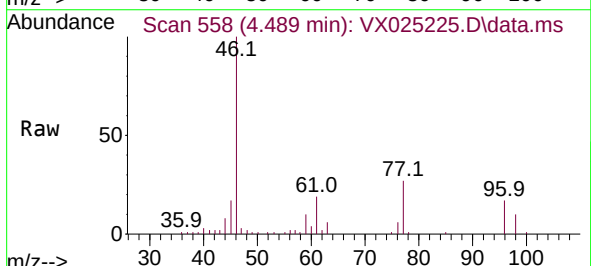
Instrument :
MSVOA_X
ClientSampleId :

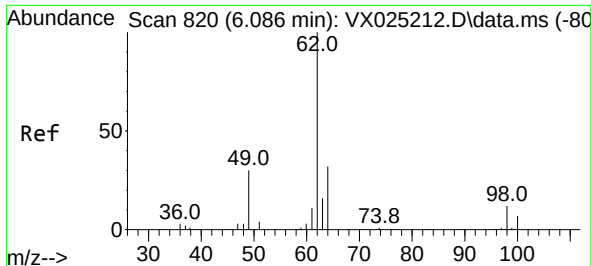
Tgt Ion: 43 Resp: 7623
Ion Ratio Lower Upper
43 100
74 0.0 28.6 42.8#



#20
cis-1,2-Dichloroethene
Concen: 3.270 ug/L
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX025225.D
Acq: 18 Nov 2021 21:31

Tgt Ion: 96 Resp: 4360
Ion Ratio Lower Upper
96 100
61 114.0 82.6 153.4
68 0.0 0.0 0.0

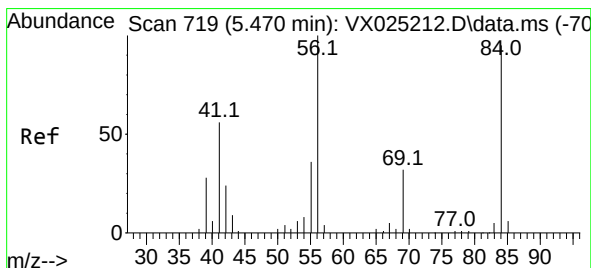
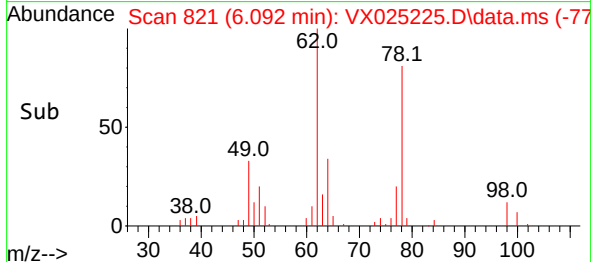
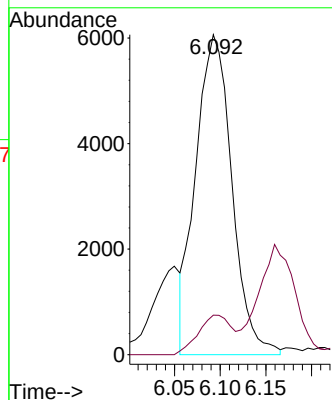
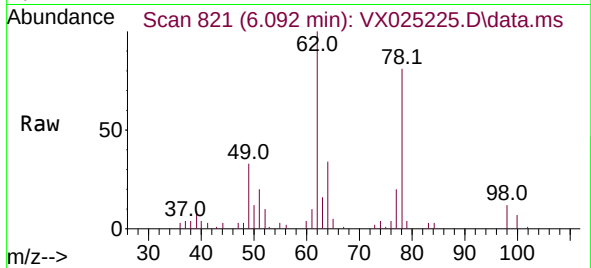




#27
1,2-Dichloroethane
Concen: 10.880 ug/L
RT: 6.092 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX025225.D
Acq: 18 Nov 2021 21:31

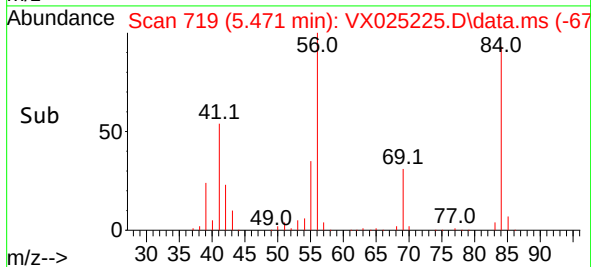
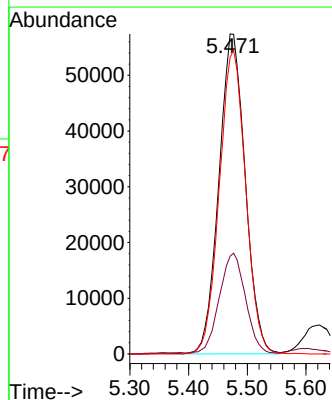
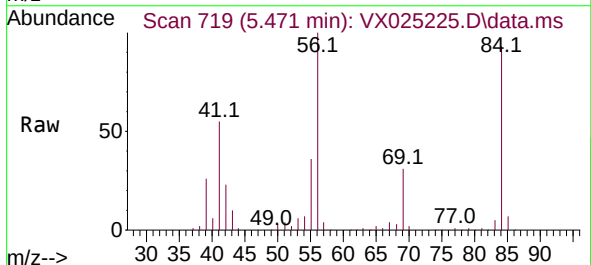
Instrument :
MSVOA_X
ClientSampleId :

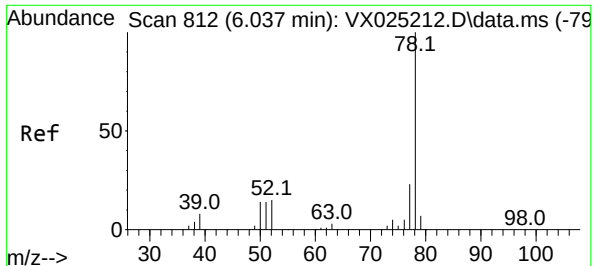
Tgt Ion: 62 Resp: 16669
Ion Ratio Lower Upper
62 100
98 12.3 5.5 8.3#



#29
Cyclohexane
Concen: 86.206 ug/L
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX025225.D
Acq: 18 Nov 2021 21:31

Tgt Ion: 56 Resp: 178538
Ion Ratio Lower Upper
56 100
69 31.5 30.8 46.2
84 94.7 86.8 130.2

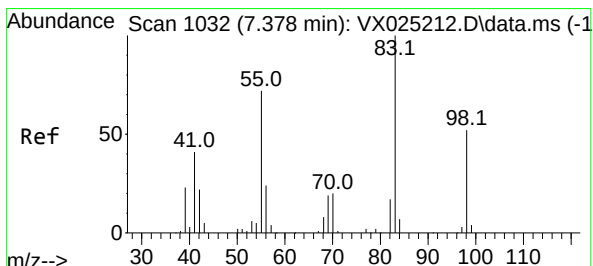
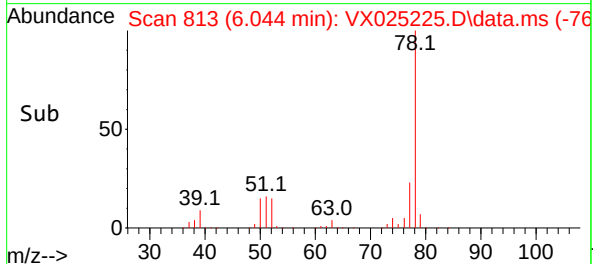
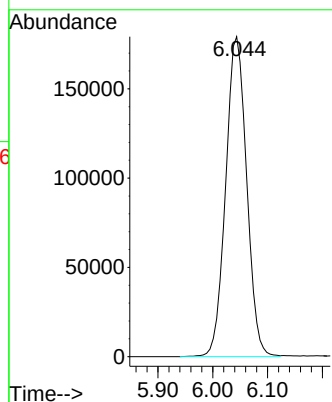
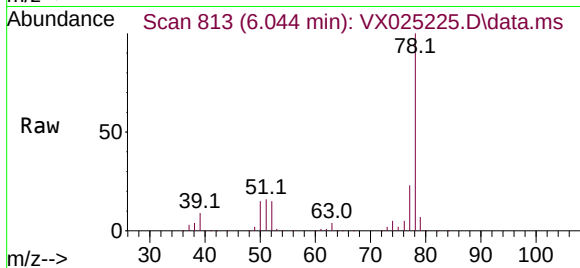




#33
Benzene
Concen: 95.741 ug/L
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX025225.D
Acq: 18 Nov 2021 21:31

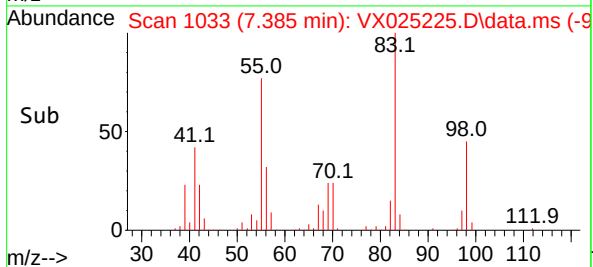
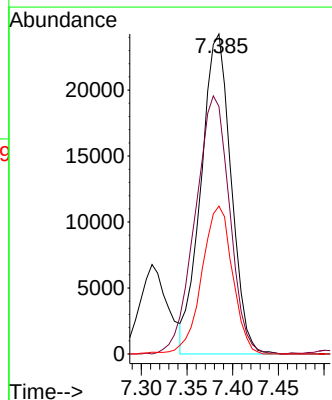
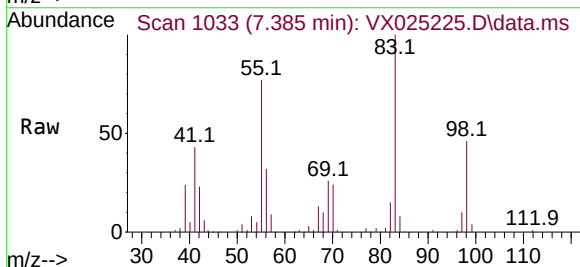
Instrument :
MSVOA_X
ClientSampleId :

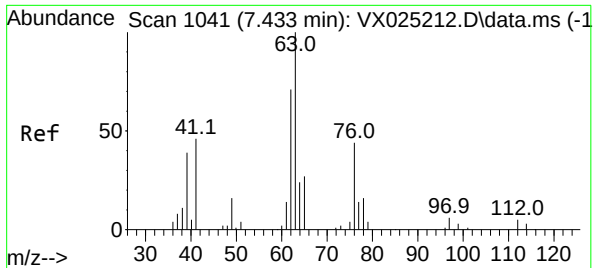
Tgt Ion: 78 Resp: 476846



#35
Methylcyclohexane
Concen: 25.220 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX025225.D
Acq: 18 Nov 2021 21:31

Tgt Ion: 83 Resp: 55506
Ion Ratio Lower Upper
83 100
55 92.2 52.6 79.0#
98 47.1 37.9 56.9





#37

1,2-Dichloropropane

Concen: 7.147 ug/L

RT: 7.434 min Scan# 1187

Delta R.T. 0.000 min

Lab File: VX025225.D

Acq: 18 Nov 2021 21:31

Instrument :

MSVOA_X

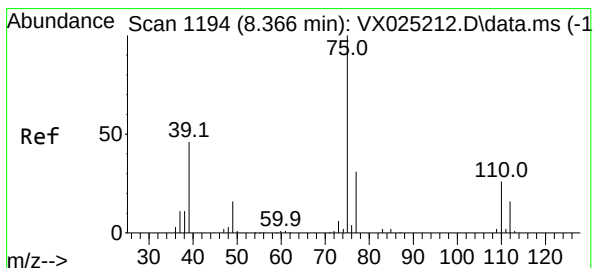
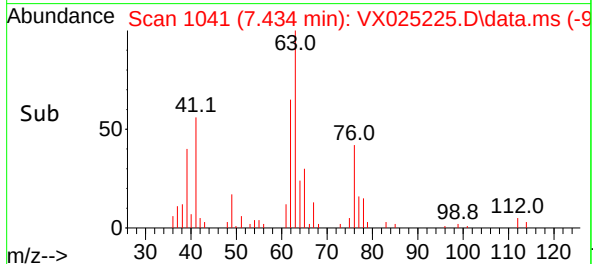
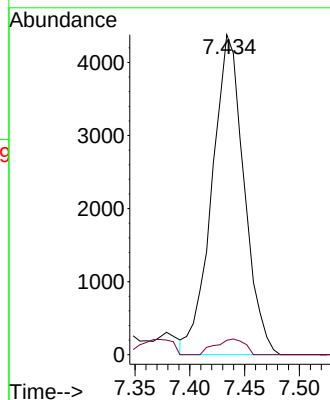
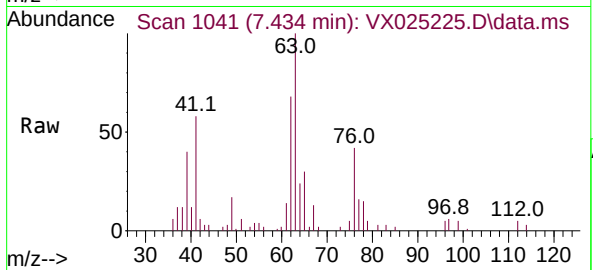
ClientSampleId :

Tgt Ion: 63 Resp: 8917

Ion Ratio Lower Upper

63 100

112 4.5 4.0 6.0



#39

cis-1,3-Dichloropropene

Concen: 1.000 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.042 min

Lab File: VX025225.D

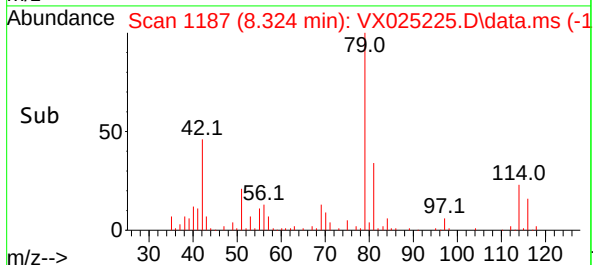
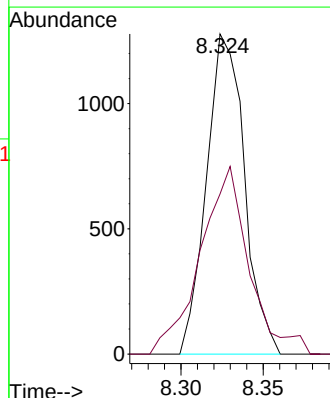
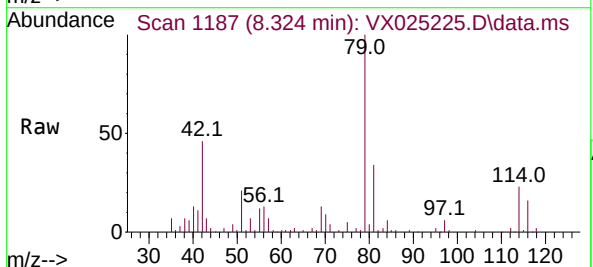
Acq: 18 Nov 2021 21:31

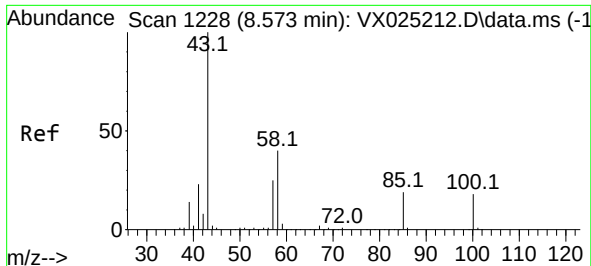
Tgt Ion: 75 Resp: 2049

Ion Ratio Lower Upper

75 100

77 50.0 23.1 42.9#

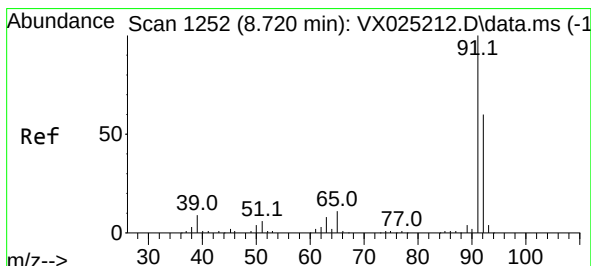
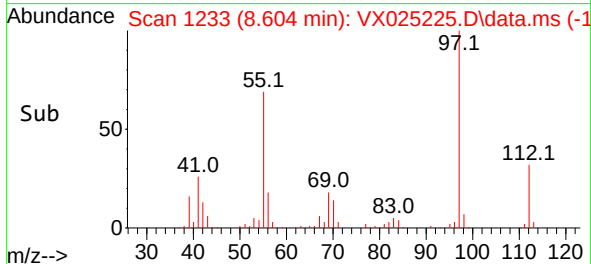
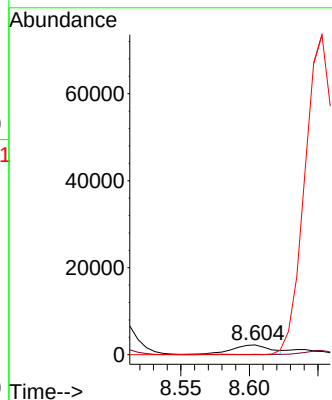
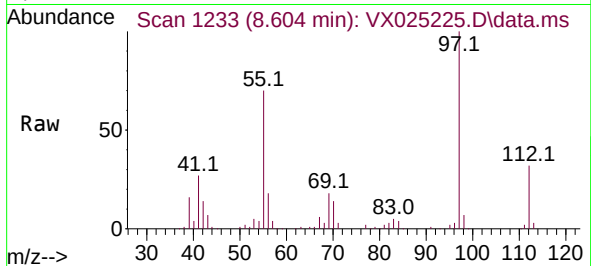




#40
4-Methyl-2-pentanone
Concen: 2.095 ug/L
RT: 8.604 min Scan# 11
Delta R.T. 0.031 min
Lab File: VX025225.D
Acq: 18 Nov 2021 21:31

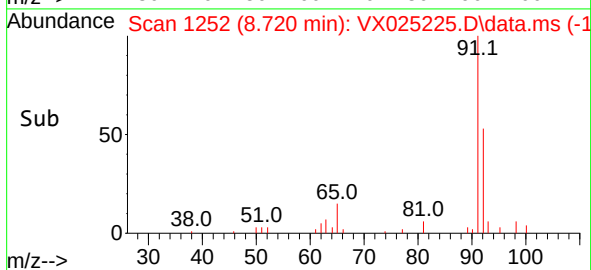
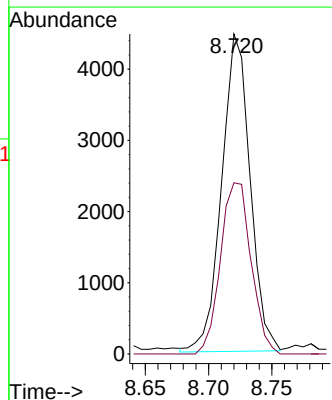
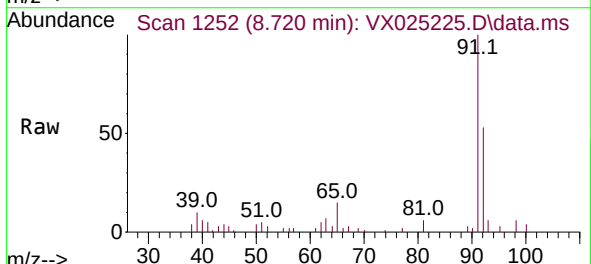
Instrument :
MSVOA_X
ClientSampleId :

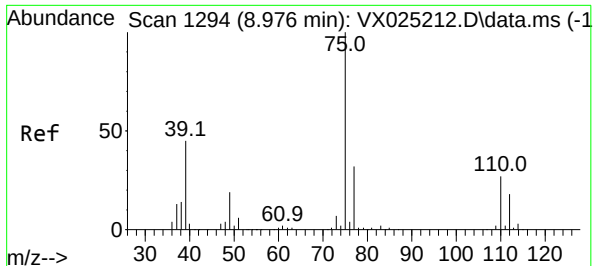
Tgt Ion: 43 Resp: 4154
Ion Ratio Lower Upper
43 100
58 1.1 41.3 61.9#
100 0.0 19.6 29.4#



#42
Toluene
Concen: 1.288 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX025225.D
Acq: 18 Nov 2021 21:31

Tgt Ion: 91 Resp: 6966
Ion Ratio Lower Upper
91 100
92 53.5 39.3 72.9

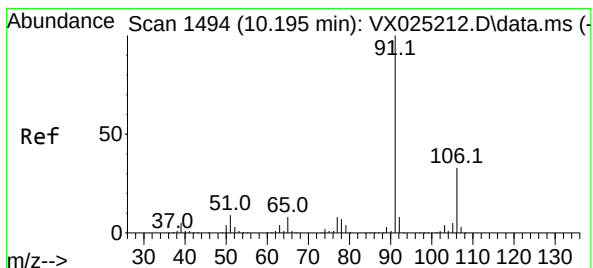
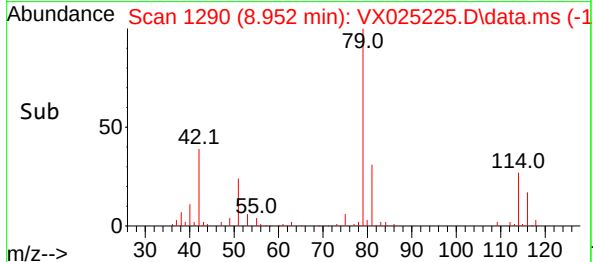
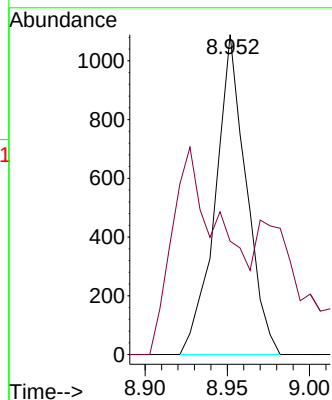
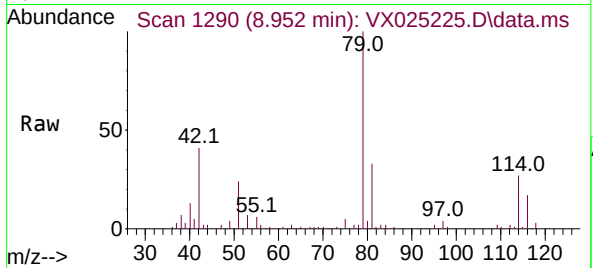




#44
trans-1,3-Dichloropropene
Concen: 0.715 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX025225.D
Acq: 18 Nov 2021 21:31

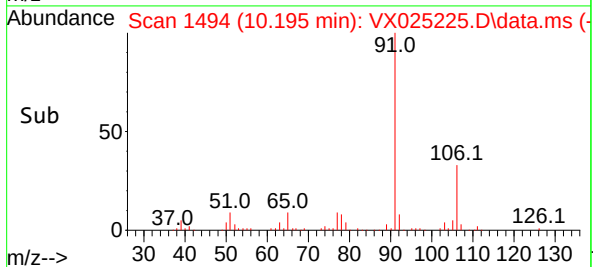
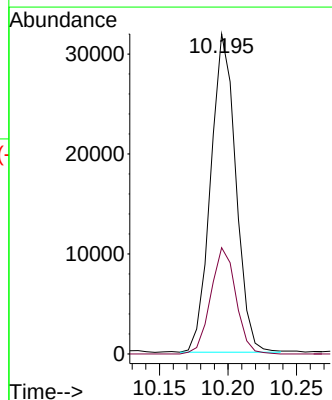
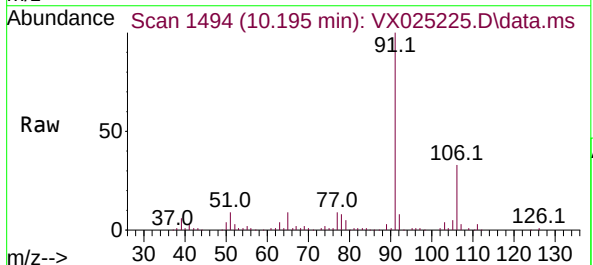
Instrument :
MSVOA_X
ClientSampleId :

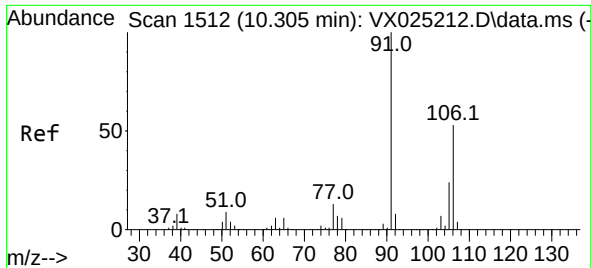
Tgt Ion: 75 Resp: 1425
Ion Ratio Lower Upper
75 100
77 35.4 23.4 43.6



#52
Ethylbenzene
Concen: 6.987 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025225.D
Acq: 18 Nov 2021 21:31

Tgt Ion: 91 Resp: 40630
Ion Ratio Lower Upper
91 100
106 33.2 20.2 37.6

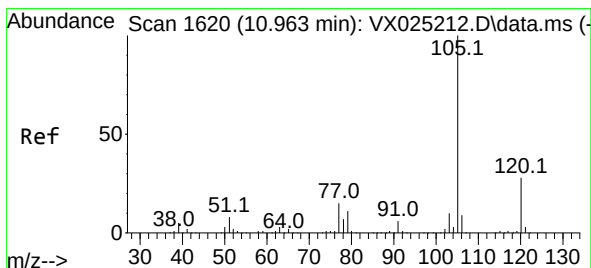
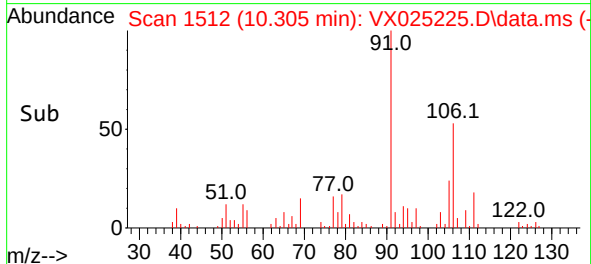
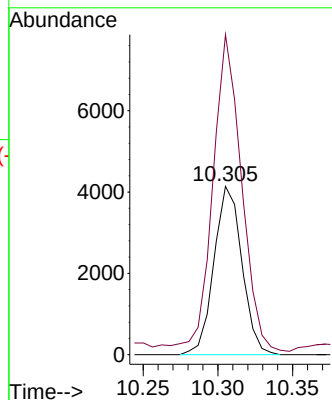
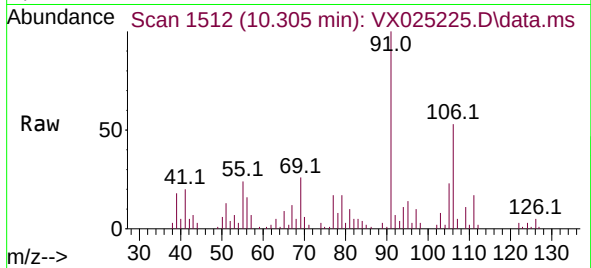




#53
m,p-Xylene
Concen: 2.292 ug/L
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025225.D
Acq: 18 Nov 2021 21:31

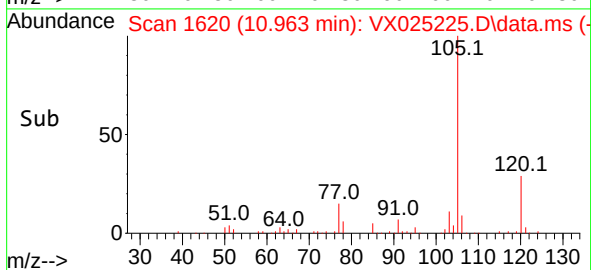
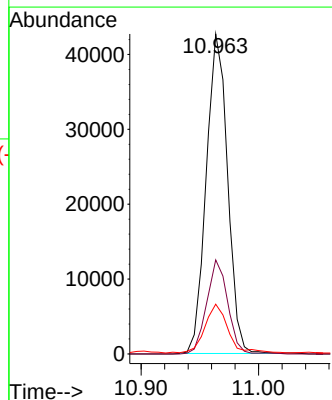
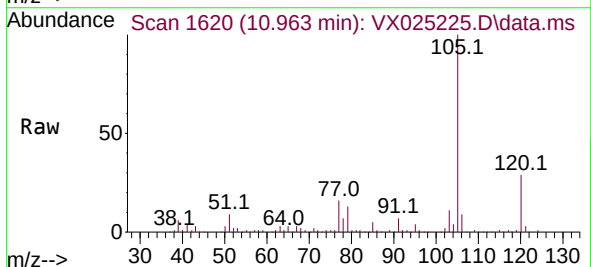
Instrument :
MSVOA_X
ClientSampleId :

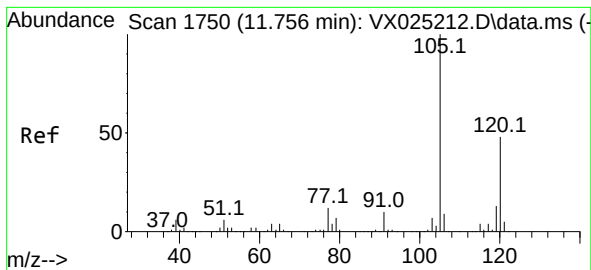
Tgt Ion:106 Resp: 5389
Ion Ratio Lower Upper
106 100
91 190.1 160.2 297.6



#60
Isopropylbenzene
Concen: 9.225 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX025225.D
Acq: 18 Nov 2021 21:31

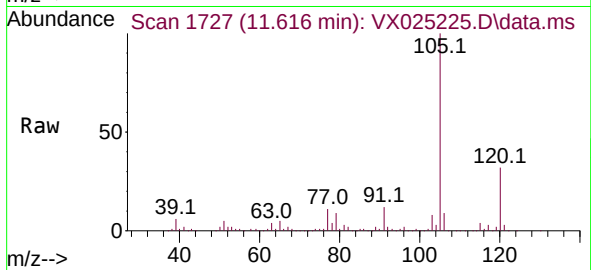
Tgt Ion:105 Resp: 53862
Ion Ratio Lower Upper
105 100
120 28.8 19.8 29.6
77 15.6 13.2 19.8





#63
 1,2,4-Trimethylbenzene
 Concen: 19.083 ug/L
 RT: 11.616 min Scan# 11
 Delta R.T. -0.140 min
 Lab File: VX025225.D
 Acq: 18 Nov 2021 21:31

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:105 Resp: 94846
 Ion Ratio Lower Upper
 105 100
 120 32.2 31.0 46.6

