

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
 Data File : VX025576.D
 Acq On : 07 Dec 2021 13:57
 Operator : JC/MD
 Sample : M4881-18ME
 Misc : 3.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 08 05:34:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 08 05:26:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	95810	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	82668	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	39145	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	25374	38.806	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.620%
7) Chloroethane-d5	1.648	69	13853	25.670	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	51.340%#
11) 1,1-Dichloroethene-d2	2.276	63	38535	36.962	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.920%
21) 2-Butanone-d5	4.489	46	44660	91.755	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.750%
24) Chloroform-d	5.068	84	54391	47.596	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.958	65	36493	51.233	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.460%
32) Benzene-d6	5.971	84	117179	53.483	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.960%
36) 1,2-Dichloropropane-d6	7.312	67	36651	54.030	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.060%
41) Toluene-d8	8.653	98	106099	51.305	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.600%
43) trans-1,3-Dichloroprop...	8.958	79	12191	35.746	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.500%
47) 2-Hexanone-d5	9.403	63	31655	89.647	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.650%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	47037	49.064	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.120%
66) 1,2-Dichlorobenzene-d4	12.323	152	41001	53.403	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						
					Qvalue	
15) Methyl Acetate	2.752	43	1882	2.910	ug/L #	98
29) Cyclohexane	5.458	56	3144	3.712	ug/L	94
34) Trichloroethene	7.129	95	2774	4.776	ug/L	98
35) Methylcyclohexane	7.379	83	12419	13.584	ug/L	98
39) cis-1,3-Dichloropropene	8.336	75	926	1.026	ug/L #	45
42) Toluene	8.720	91	6947	2.852	ug/L	99
44) trans-1,3-Dichloropropene	8.958	75	607	0.700	ug/L #	73
45) 1,1,2-Trichloroethane	9.104	97	640	1.089	ug/L #	15
46) Tetrachloroethene	9.275	164	6573	13.343	ug/L	97
49) Dibromochloromethane	9.275	129	6204	9.157	ug/L #	12
52) Ethylbenzene	10.195	91	1993	0.761	ug/L	99
53) m,p-Xylene	10.305	106	3676	3.467	ug/L	98
54) o-Xylene	10.647	106	3336	3.143	ug/L	93
60) Isopropylbenzene	10.970	105	1986	0.789	ug/L	95
61) 1,2,3-Trichloropropane	12.024	75	4342	6.484	ug/L #	62
63) 1,2,4-Trimethylbenzene	11.756	105	4997	2.350	ug/L #	81
71) Naphthalene	13.780	128	9144	3.819	ug/L	99

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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 08 05:34:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 08 05:26:42 2021
Response via : Initial Calibration

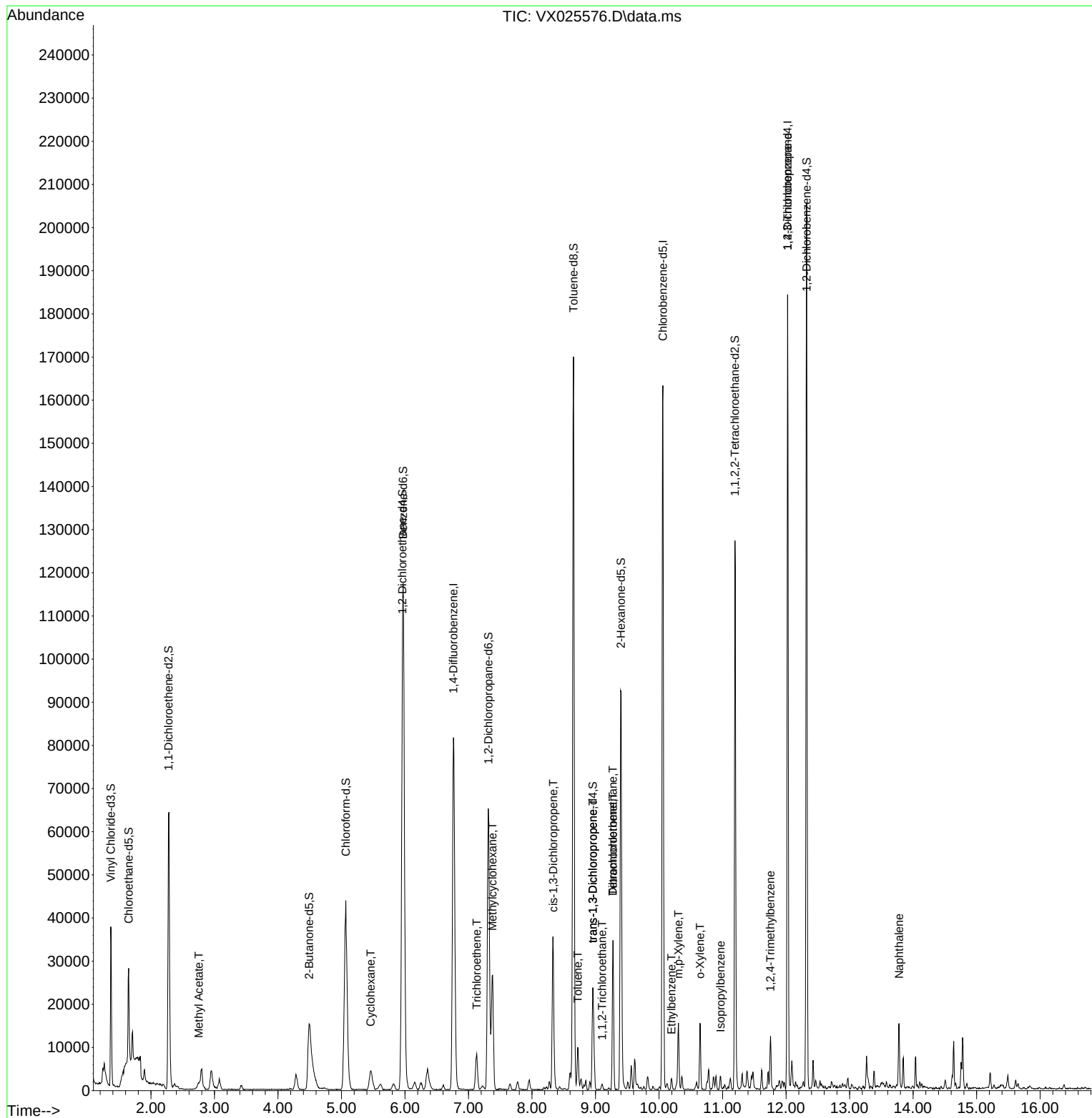
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

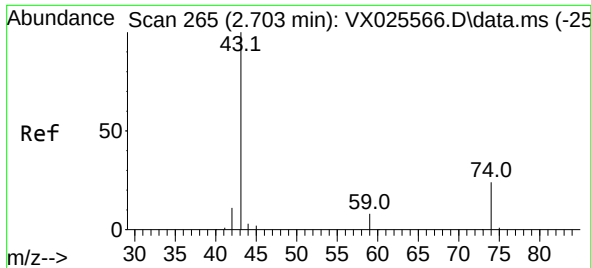
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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Data File : VX025576.D
Acq On : 07 Dec 2021 13:57
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Misc : 3.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
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Instrument :
MSVOA_X
ClientSampleId :

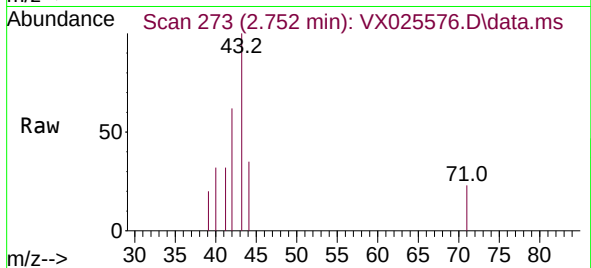
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 08 05:26:42 2021
Response via : Initial Calibration



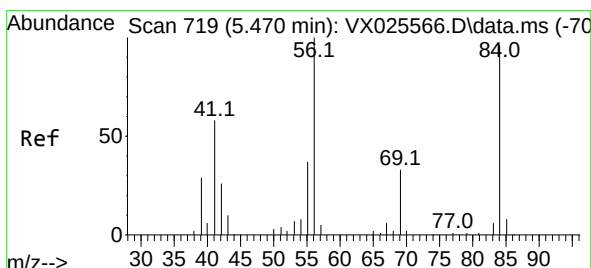
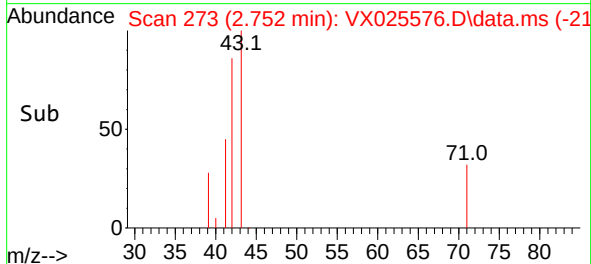
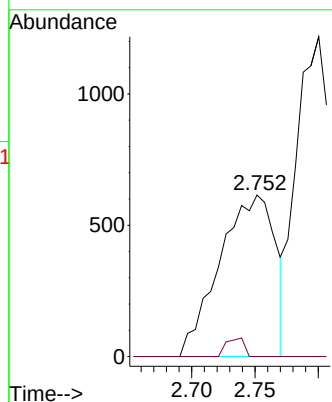


#15
Methyl Acetate
Concen: 2.910 ug/L
RT: 2.752 min Scan# 21
Delta R.T. 0.049 min
Lab File: VX025576.D
Acq: 07 Dec 2021 13:57

Instrument :
MSVOA_X
ClientSampleId :

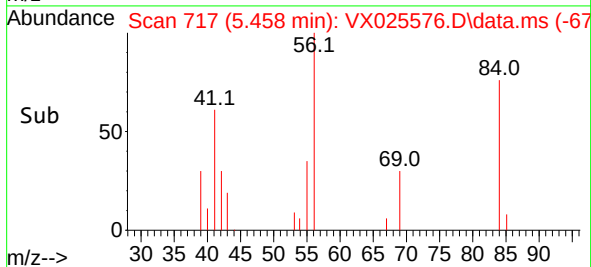
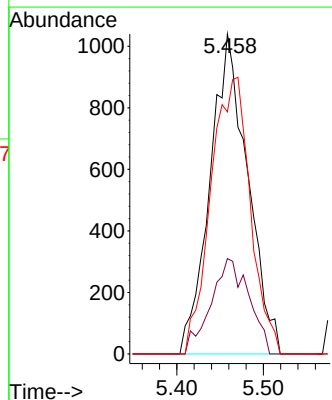
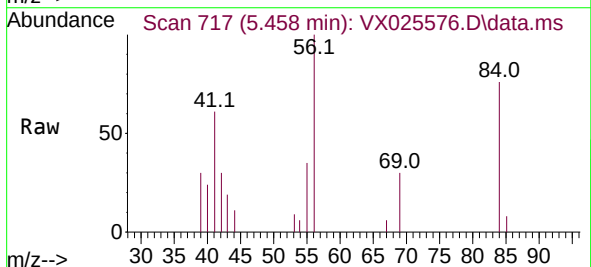


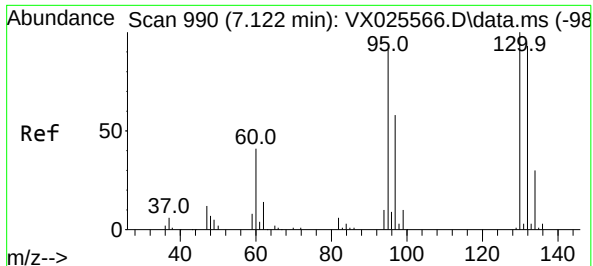
Tgt Ion: 43 Resp: 1882
Ion Ratio Lower Upper
43 100
74 3.7 0.1 0.1#



#29
Cyclohexane
Concen: 3.712 ug/L
RT: 5.458 min Scan# 717
Delta R.T. -0.012 min
Lab File: VX025576.D
Acq: 07 Dec 2021 13:57

Tgt Ion: 56 Resp: 3144
Ion Ratio Lower Upper
56 100
69 28.6 25.4 38.2
84 90.3 76.6 114.8



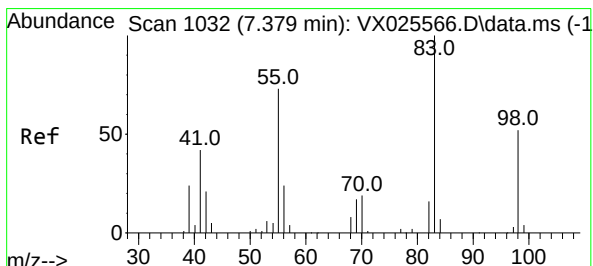
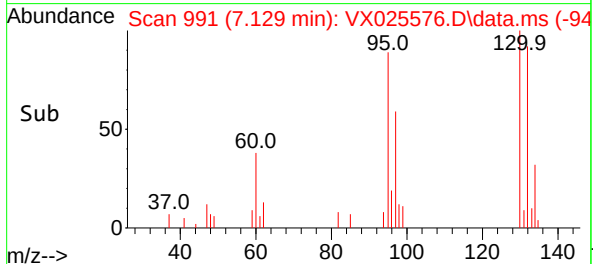
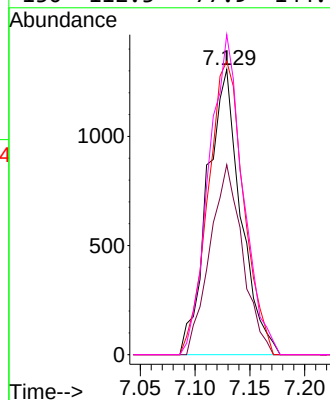
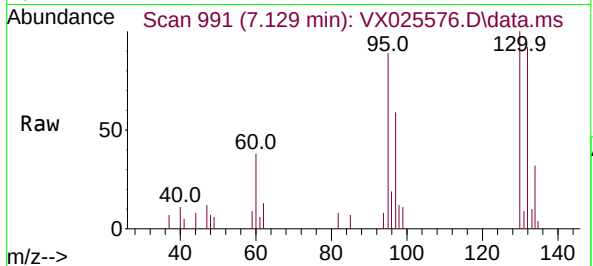


#34
Trichloroethene
Concen: 4.776 ug/L
RT: 7.129 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX025576.D
Acq: 07 Dec 2021 13:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 2774

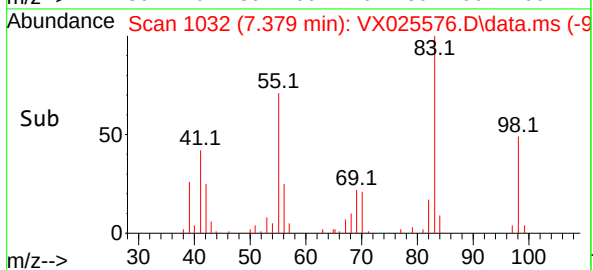
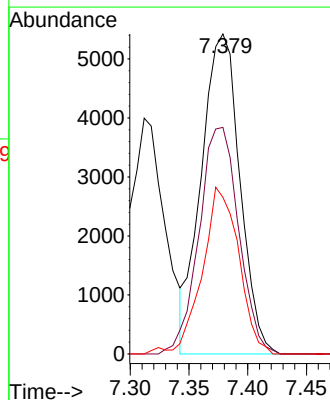
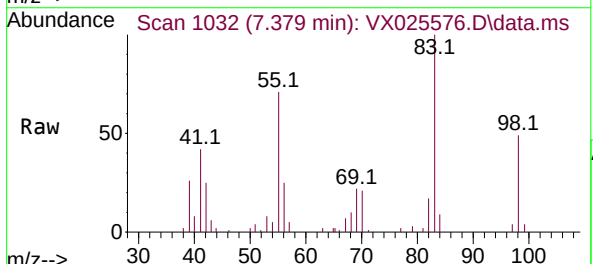
Ion	Ratio	Lower	Upper
95	100		
97	66.6	46.0	85.4
132	102.9	75.0	139.2
130	112.3	77.9	144.7

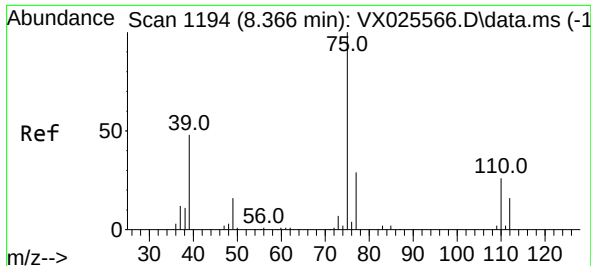


#35
Methylcyclohexane
Concen: 13.584 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX025576.D
Acq: 07 Dec 2021 13:57

Tgt Ion: 83 Resp: 12419

Ion	Ratio	Lower	Upper
83	100		
55	72.6	57.3	85.9
98	48.7	41.1	61.7





#39

cis-1,3-Dichloropropene

Concen: 1.026 ug/L

RT: 8.336 min Scan# 1189

Delta R.T. -0.030 min

Lab File: VX025576.D

Acq: 07 Dec 2021 13:57

Instrument :

MSVOA_X

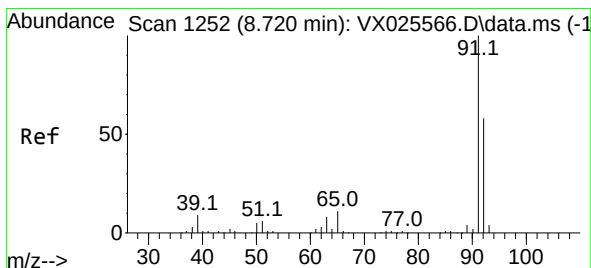
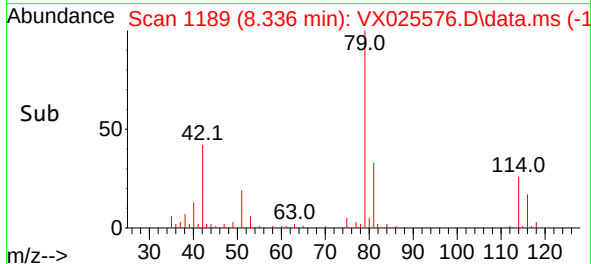
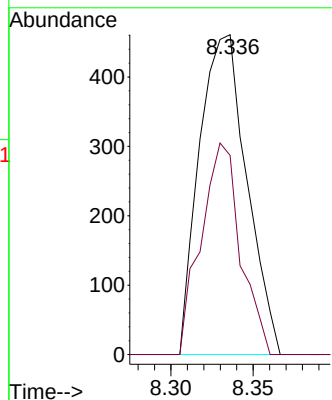
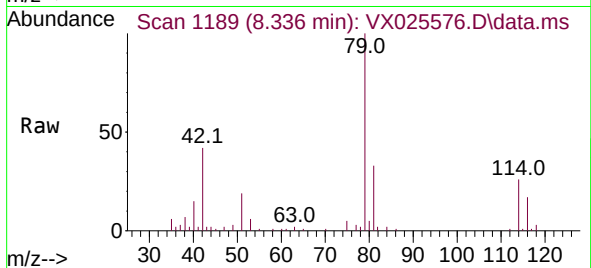
ClientSampleId :

Tgt Ion: 75 Resp: 926

Ion Ratio Lower Upper

75 100

77 62.3 22.3 41.3#



#42

Toluene

Concen: 2.852 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX025576.D

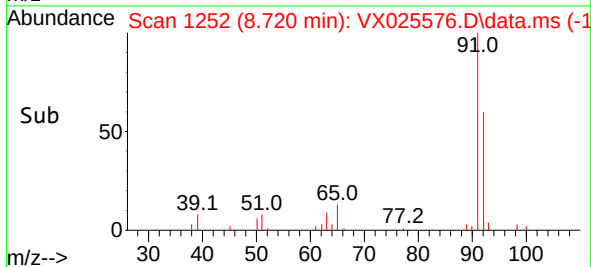
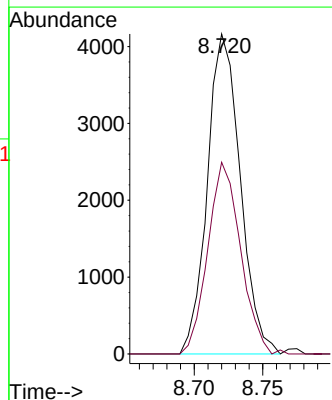
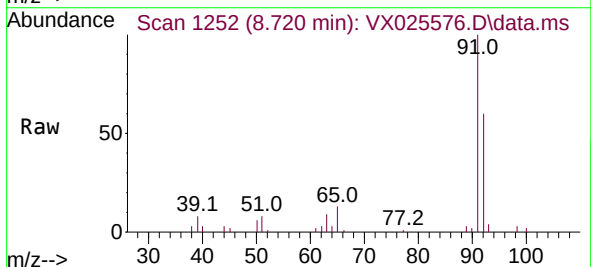
Acq: 07 Dec 2021 13:57

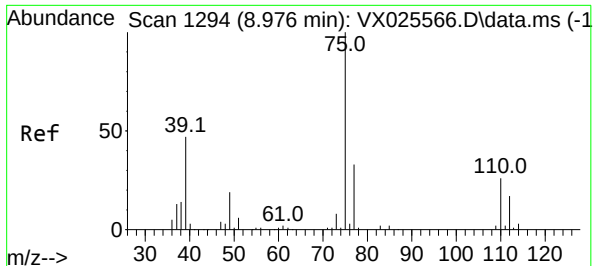
Tgt Ion: 91 Resp: 6947

Ion Ratio Lower Upper

91 100

92 59.9 41.2 76.6

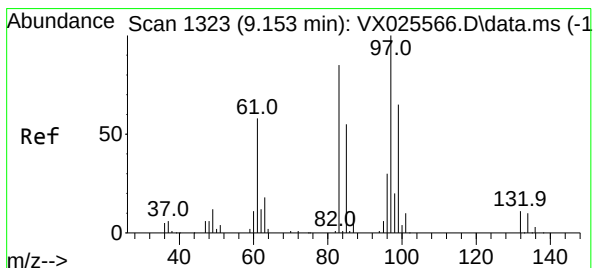
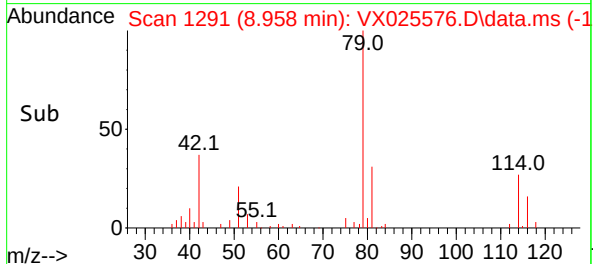
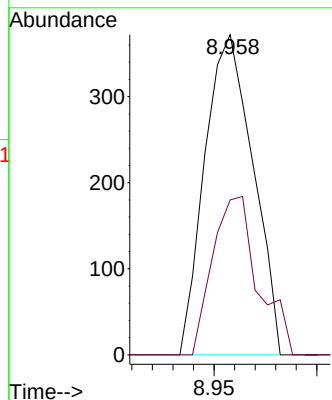
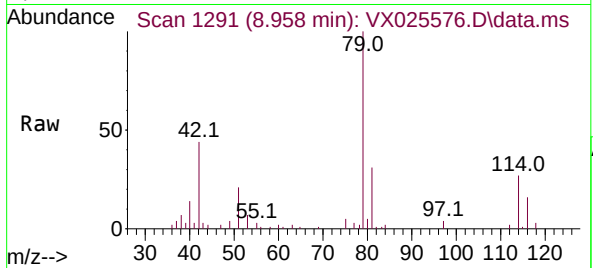




#44
trans-1,3-Dichloropropene
Concen: 0.700 ug/L
RT: 8.958 min Scan# 1315
Delta R.T. -0.018 min
Lab File: VX025576.D
Acq: 07 Dec 2021 13:57

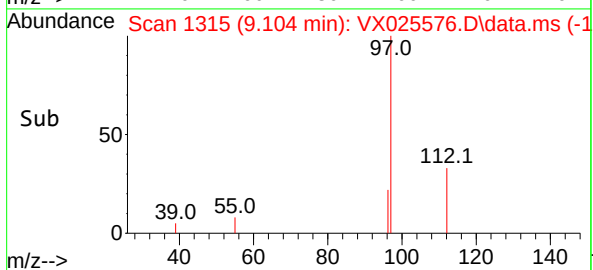
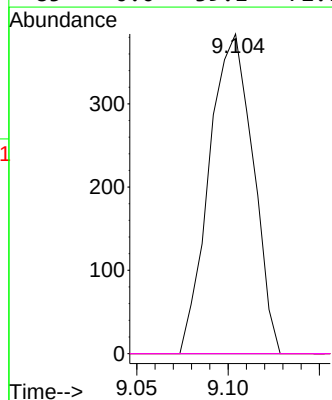
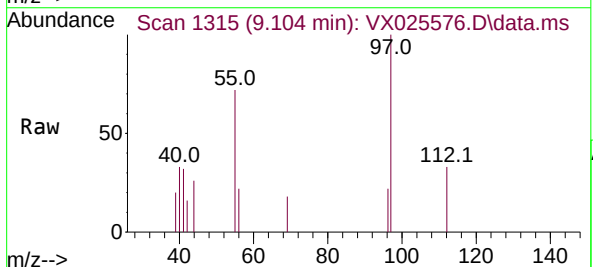
Instrument :
MSVOA_X
ClientSampleId :

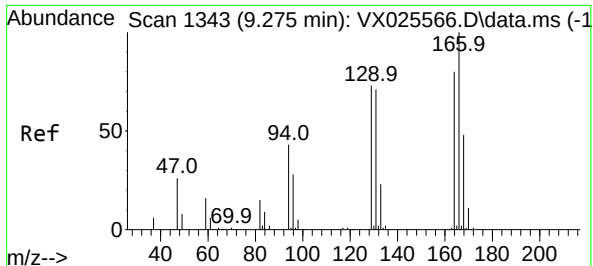
Tgt Ion: 75 Resp: 607
Ion Ratio Lower Upper
75 100
77 48.4 23.0 42.8#



#45
1,1,2-Trichloroethane
Concen: 1.089 ug/L
RT: 9.104 min Scan# 1315
Delta R.T. -0.049 min
Lab File: VX025576.D
Acq: 07 Dec 2021 13:57

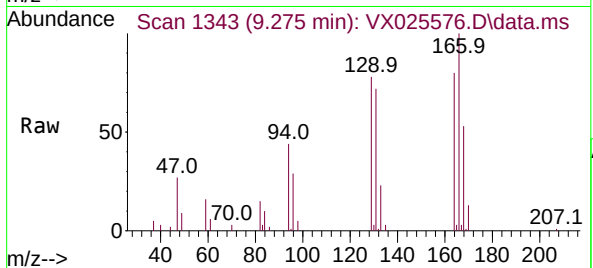
Tgt Ion: 97 Resp: 640
Ion Ratio Lower Upper
97 100
99 0.0 46.0 85.4#
83 0.0 59.6 110.8#
85 0.0 39.1 72.7#



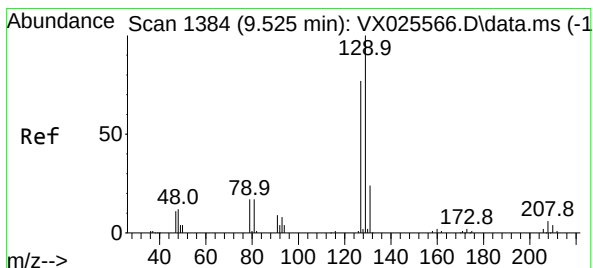
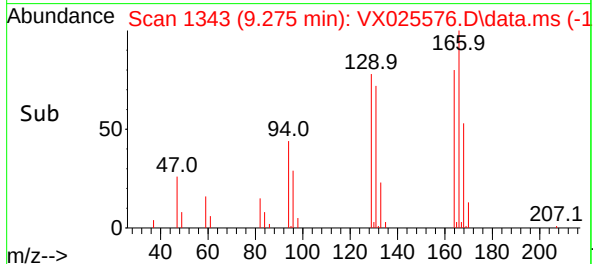
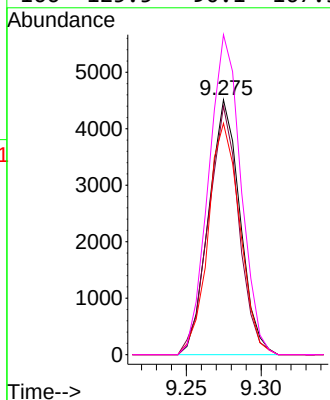


#46
Tetrachloroethene
Concen: 13.343 ug/L
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025576.D
Acq: 07 Dec 2021 13:57

Instrument :
MSVOA_X
ClientSampleId :

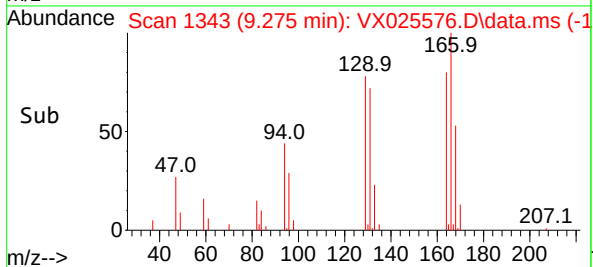
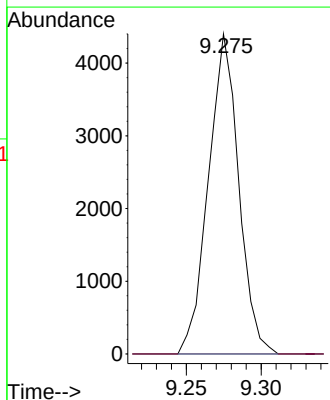
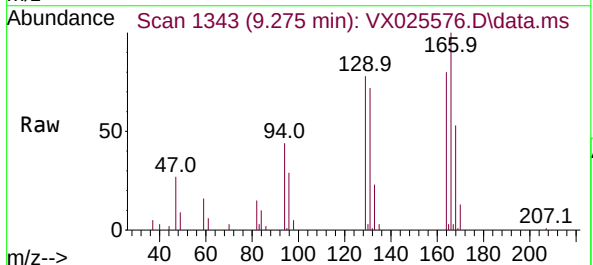


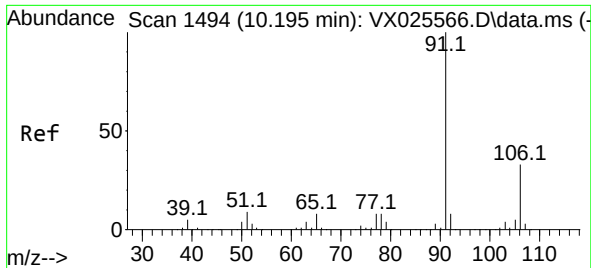
Tgt Ion:164 Resp: 6573
Ion Ratio Lower Upper
164 100
129 97.5 64.7 120.1
131 90.8 63.2 117.4
166 125.5 90.1 167.3



#49
Dibromochloromethane
Concen: 9.157 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX025576.D
Acq: 07 Dec 2021 13:57

Tgt Ion:129 Resp: 6204
Ion Ratio Lower Upper
129 100
127 0.0 52.4 97.2#

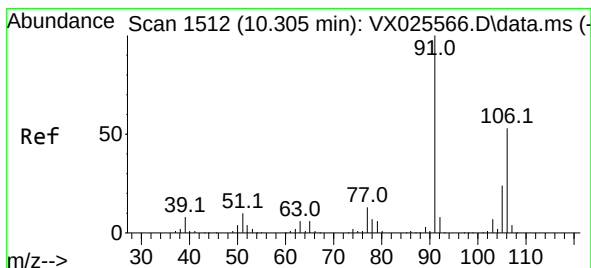
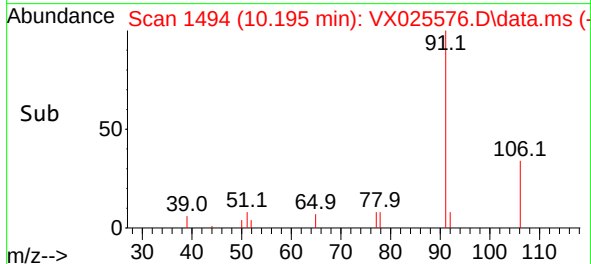
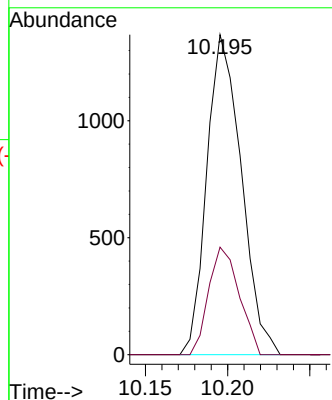
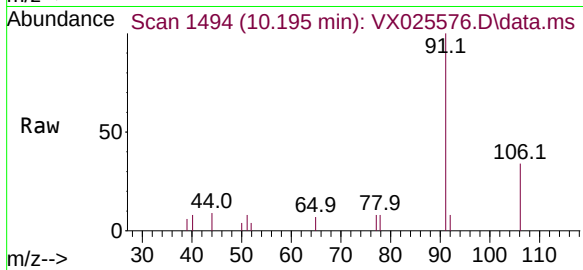




#52
Ethylbenzene
Concen: 0.761 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025576.D
Acq: 07 Dec 2021 13:57

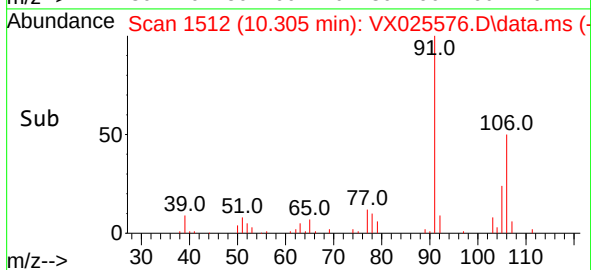
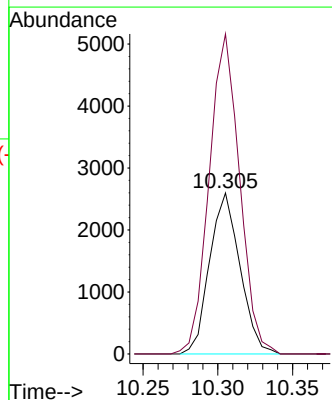
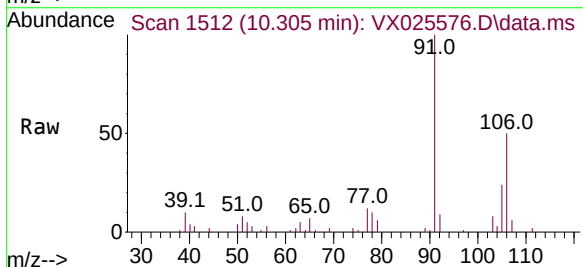
Instrument :
MSVOA_X
ClientSampleId :

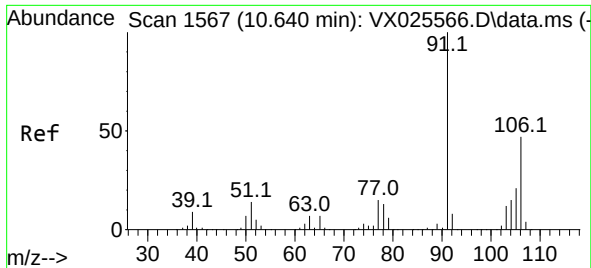
Tgt Ion: 91 Resp: 1993
Ion Ratio Lower Upper
91 100
106 33.6 23.1 42.9



#53
m,p-Xylene
Concen: 3.467 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025576.D
Acq: 07 Dec 2021 13:57

Tgt Ion: 106 Resp: 3676
Ion Ratio Lower Upper
106 100
91 198.9 136.8 254.2

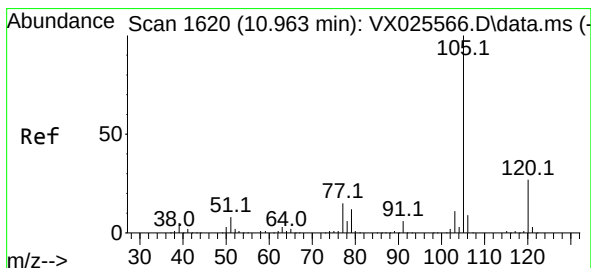
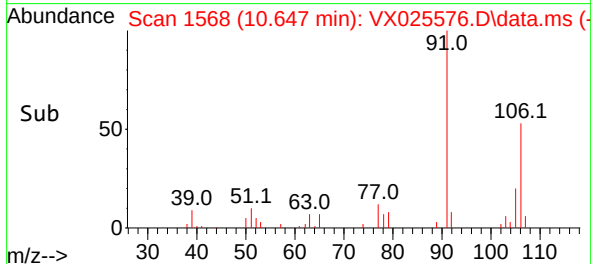
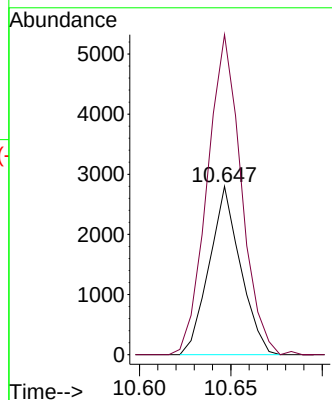
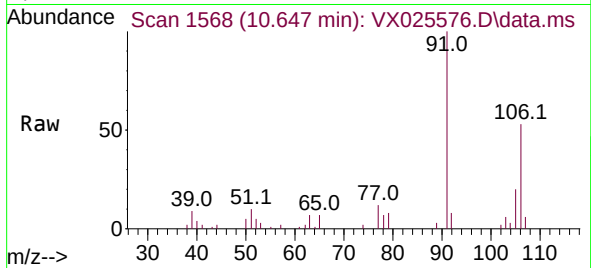




#54
o-Xylene
Concen: 3.143 ug/L
RT: 10.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX025576.D
Acq: 07 Dec 2021 13:57

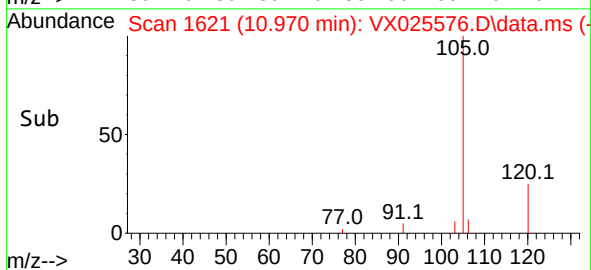
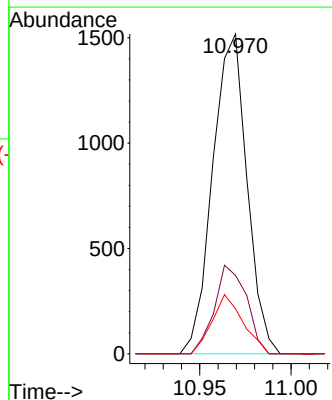
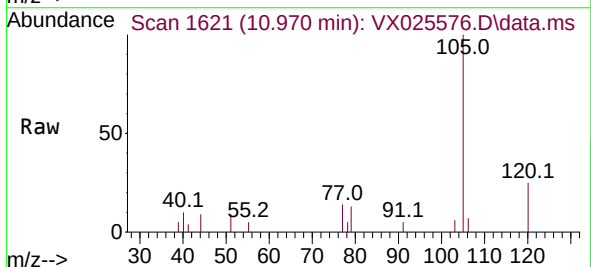
Instrument :
MSVOA_X
ClientSampleId :

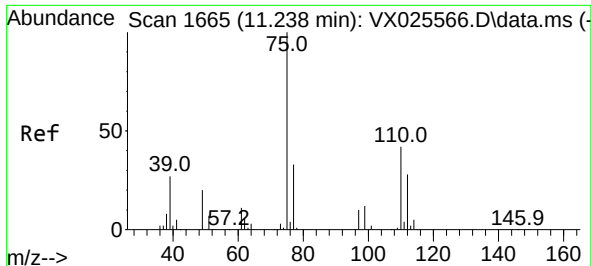
Tgt Ion:106 Resp: 3336
Ion Ratio Lower Upper
106 100
91 190.2 140.5 260.9



#60
Isopropylbenzene
Concen: 0.789 ug/L
RT: 10.970 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX025576.D
Acq: 07 Dec 2021 13:57

Tgt Ion:105 Resp: 1986
Ion Ratio Lower Upper
105 100
120 25.8 22.3 33.5
77 16.8 11.5 17.3

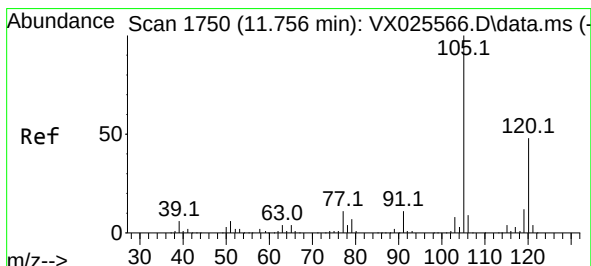
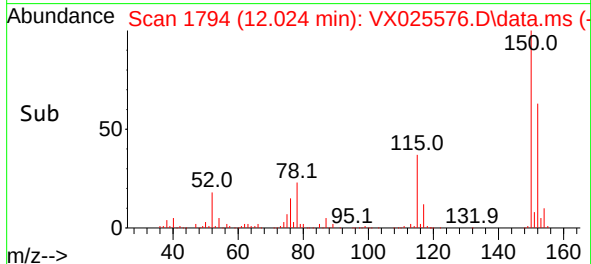
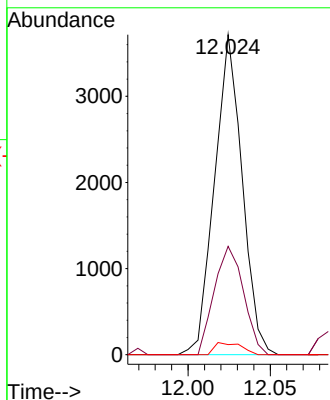
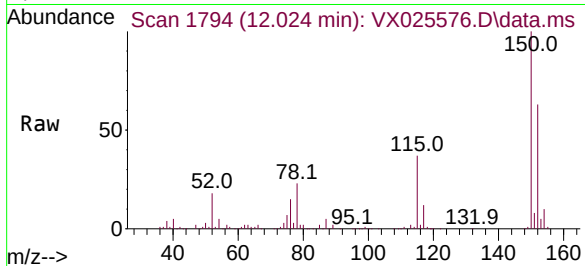




#61
1,2,3-Trichloropropane
Concen: 6.484 ug/L
RT: 12.024 min Scan# 11
Delta R.T. 0.787 min
Lab File: VX025576.D
Acq: 07 Dec 2021 13:57

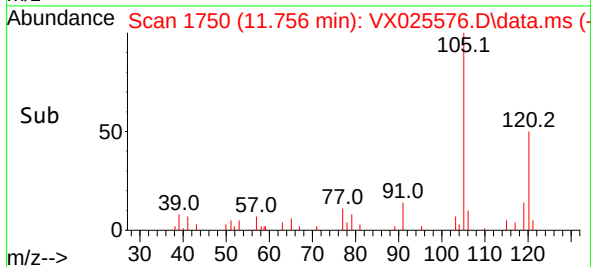
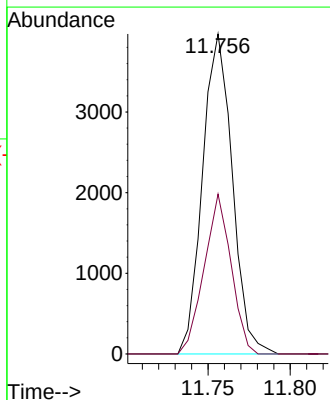
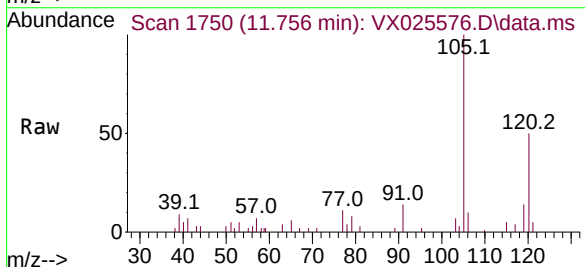
Instrument :
MSVOA_X
ClientSampleId :

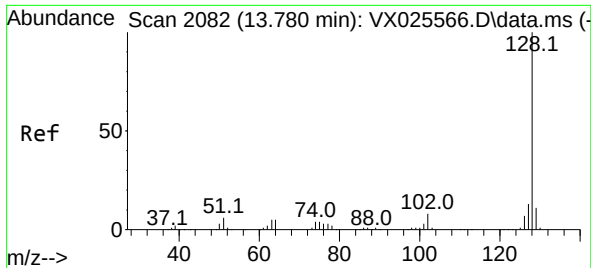
Tgt Ion: 75 Resp: 4342
Ion Ratio Lower Upper
75 100
77 35.9 25.8 38.8
110 3.6 34.7 52.1#



#63
1,2,4-Trimethylbenzene
Concen: 2.350 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX025576.D
Acq: 07 Dec 2021 13:57

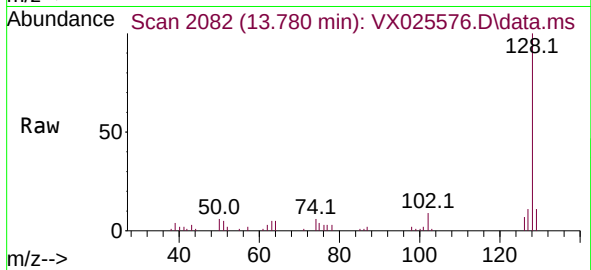
Tgt Ion: 105 Resp: 4997
Ion Ratio Lower Upper
105 100
120 45.2 0.1 0.1#





#71
Naphthalene
Concen: 3.819 ug/L
RT: 13.780 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX025576.D
Acq: 07 Dec 2021 13:57

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	9144
Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.1	15.1
129	11.3	8.7	13.1

