

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122921\
 Data File : VX026145.D
 Acq On : 29 Dec 2021 17:40
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050750

Quant Time: Dec 30 02:43:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 30 02:39:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	193028	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	171503	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	81991	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	75851	50.628	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 101.260%	
7) Chloroethane-d5	1.672	69	59504	54.635	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 109.280%	
11) 1,1-Dichloroethene-d2	2.312	63	145587	53.237	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 106.480%	
21) 2-Butanone-d5	4.458	46	115656	111.719	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 111.720%	
24) Chloroform-d	5.068	84	137172	53.913	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	= 107.820%	
26) 1,2-Dichloroethane-d4	5.964	65	91251	55.327	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 110.660%	
32) Benzene-d6	5.983	84	265088	53.612	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 107.220%	
36) 1,2-Dichloropropane-d6	7.318	67	83972	54.898	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 109.800%	
41) Toluene-d8	8.653	98	238194	52.822	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 105.640%	
43) trans-1,3-Dichloroprop...	8.952	79	38476	51.529	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 103.060%	
47) 2-Hexanone-d5	9.384	63	78102	109.482	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 109.480%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	112015	55.024	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 110.040%	
66) 1,2-Dichlorobenzene-d4	12.323	152	90315	57.745	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 115.500%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	104699	56.257	ug/L	100
3) Chloromethane	1.294	50	90591	55.929	ug/L	97
5) Vinyl chloride	1.374	62	90759	55.823	ug/L	100
6) Bromomethane	1.611	94	52777	55.756	ug/L	96
8) Chloroethane	1.691	64	54244	56.661	ug/L	98
9) Trichlorofluoromethane	1.892	101	141167	56.630	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	71033	56.158	ug/L	98
12) 1,1-Dichloroethene	2.325	96	65646	55.783	ug/L	98
13) Acetone	2.386	43	97866	99.822	ug/L	99
14) Carbon disulfide	2.520	76	193030	52.239	ug/L	100
15) Methyl Acetate	2.709	43	86436	56.027	ug/L	100
16) Methylene chloride	2.794	84	72488	55.304	ug/L	93
17) trans-1,2-Dichloroethene	3.099	96	68103	54.976	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	218896	55.272	ug/L	99
19) 1,1-Dichloroethane	3.617	63	127884	56.090	ug/L	100
20) cis-1,2-Dichloroethene	4.495	96	75126	55.416	ug/L	98
22) 2-Butanone	4.562	43	132203	102.484	ug/L	99
23) Bromochloromethane	4.910	128	38588	56.113	ug/L	97
25) Chloroform	5.099	83	135969	57.996	ug/L	98

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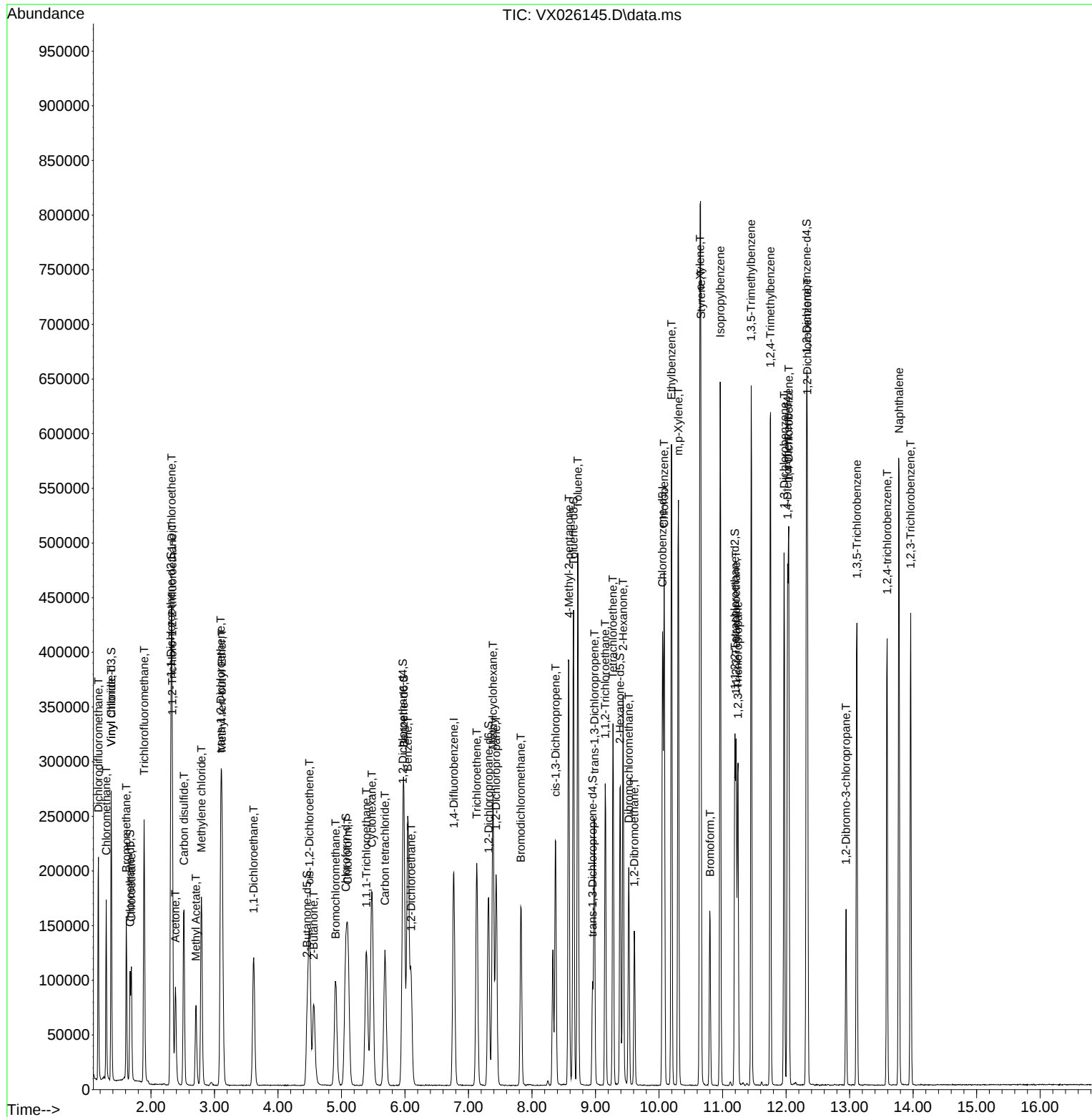
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.098	62	109649	57.574	ug/L	99
29) Cyclohexane	5.477	56	121966	56.509	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	116047	55.578	ug/L	99
31) Carbon tetrachloride	5.684	117	103026	54.855	ug/L	99
33) Benzene	6.044	78	283143	55.916	ug/L	100
34) Trichloroethene	7.129	95	75061	56.299	ug/L	97
35) Methylcyclohexane	7.385	83	115610	56.220	ug/L	98
37) 1,2-Dichloropropane	7.434	63	73703	56.536	ug/L	99
38) Bromodichloromethane	7.824	83	101217	55.884	ug/L	98
39) cis-1,3-Dichloropropene	8.372	75	111126	55.276	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	236329	112.349	ug/L	99
42) Toluene	8.720	91	300901	55.789	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	104321	54.160	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	68143	54.785	ug/L	98
46) Tetrachloroethene	9.275	164	56306	57.130	ug/L	95
48) 2-Hexanone	9.433	43	188208	108.640	ug/L	99
49) Dibromochloromethane	9.525	129	77101	54.309	ug/L	94
50) 1,2-Dibromoethane	9.610	107	73091	55.205	ug/L	99
51) Chlorobenzene	10.079	112	182364	54.844	ug/L	98
52) Ethylbenzene	10.195	91	318498	56.175	ug/L	100
53) m,p-Xylene	10.305	106	120372	55.627	ug/L	94
54) o-Xylene	10.646	106	117621	55.955	ug/L	98
55) Styrene	10.659	104	201789	55.922	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	107900	55.236	ug/L	99
59) Bromoform	10.805	173	55222	55.796	ug/L	98
60) Isopropylbenzene	10.963	105	312436	56.823	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	90619	58.160	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	260869	56.981	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	262271	56.817	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	140634	58.560	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	137574	55.908	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	140057	58.538	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	27425	58.681	ug/L	99
69) 1,3,5-Trichlorobenzene	13.115	180	95984	58.810	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	88402	60.176	ug/L	99
71) Naphthalene	13.780	128	338981	61.345	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	89994	60.370	ug/L	99

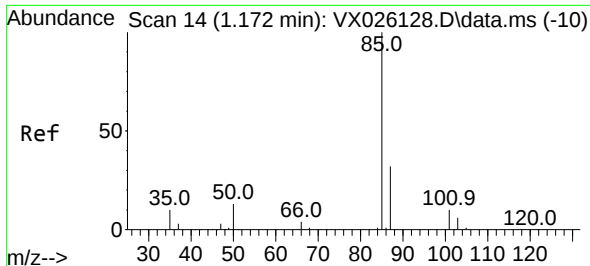
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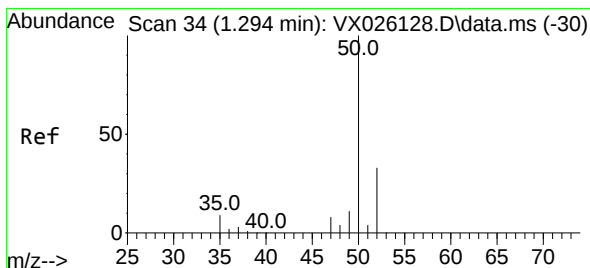
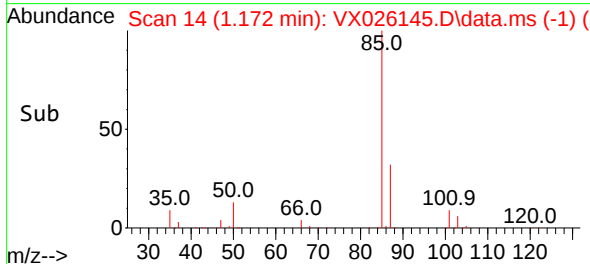
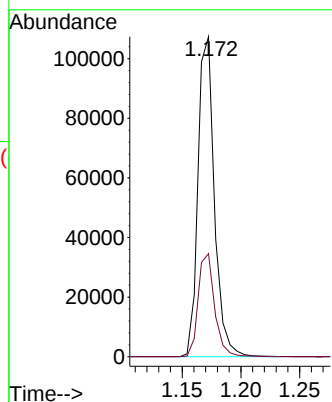
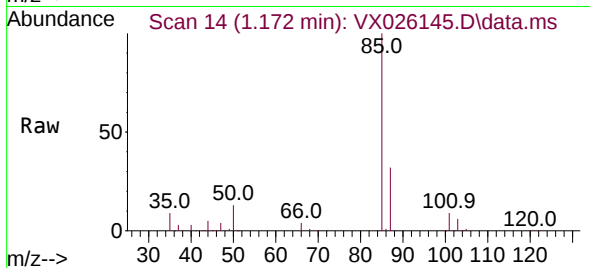




#2
 Dichlorodifluoromethane
 Concen: 56.257 ug/L
 RT: 1.172 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VX026145.D
 Acq: 29 Dec 2021 17:40

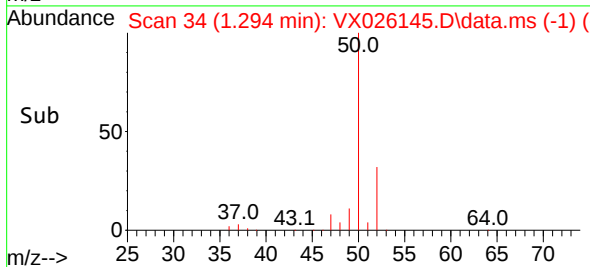
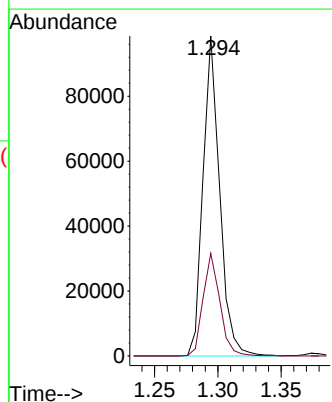
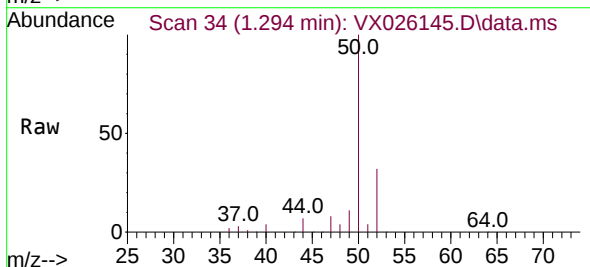
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050750

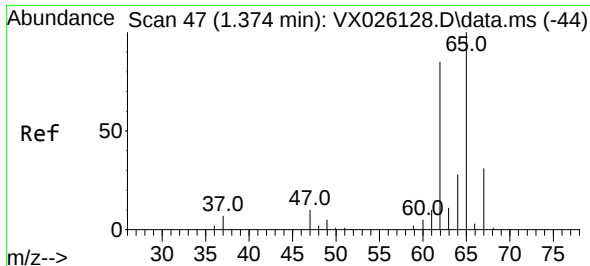
Tgt Ion: 85 Resp: 104699
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.7 38.5



#3
 Chloromethane
 Concen: 55.929 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX026145.D
 Acq: 29 Dec 2021 17:40

Tgt Ion: 50 Resp: 90591
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.7 43.9

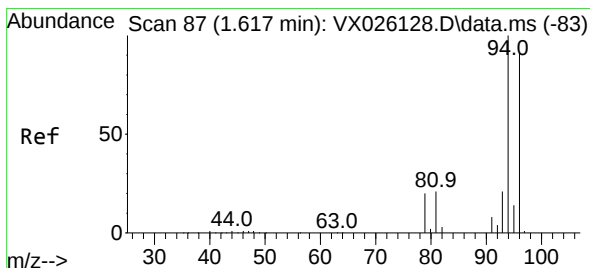
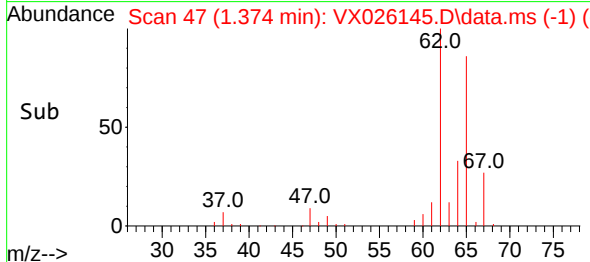
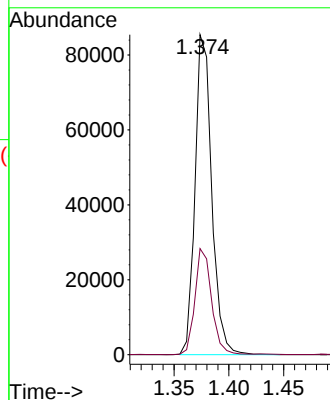
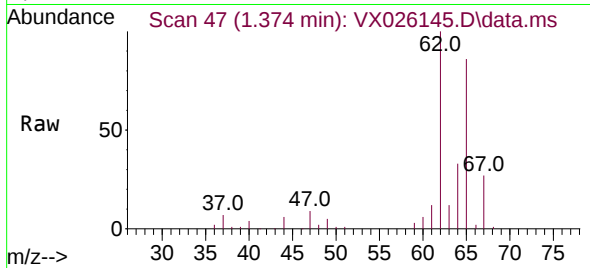




#5
 Vinyl chloride
 Concen: 55.823 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX026145.D
 Acq: 29 Dec 2021 17:40

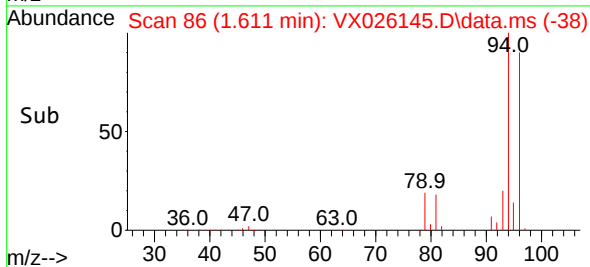
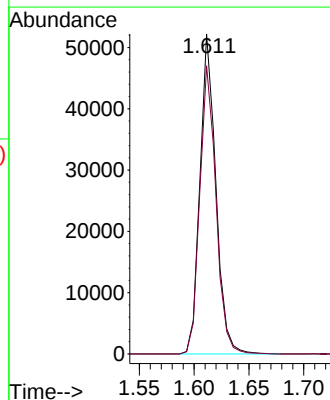
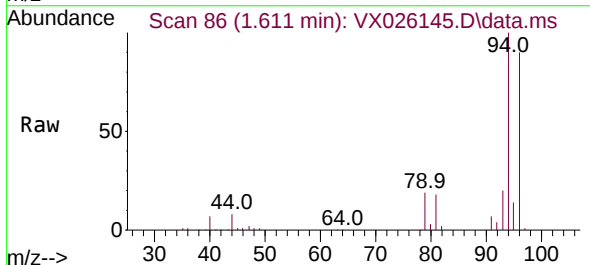
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050750

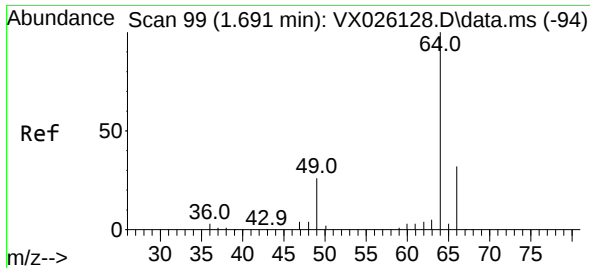
Tgt Ion: 62 Resp: 90759
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.2 43.2



#6
 Bromomethane
 Concen: 55.756 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. -0.006 min
 Lab File: VX026145.D
 Acq: 29 Dec 2021 17:40

Tgt Ion: 94 Resp: 52777
 Ion Ratio Lower Upper
 94 100
 96 90.1 65.8 122.2

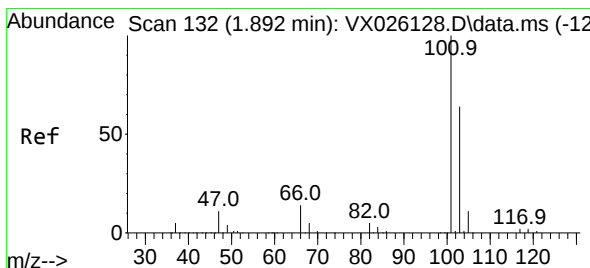
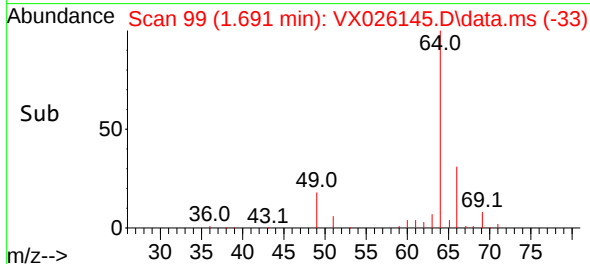
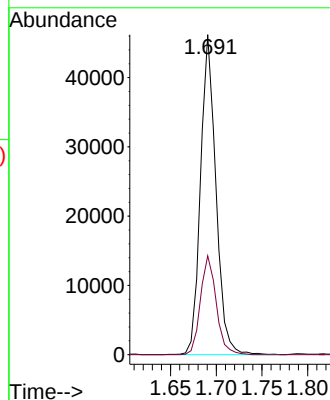
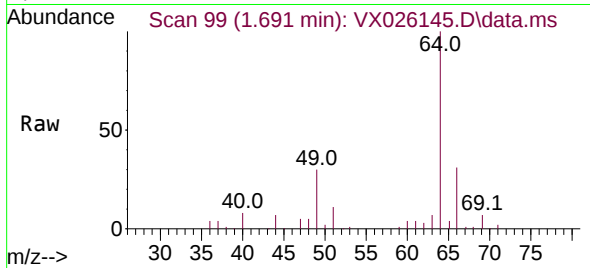




#8
 Chloroethane
 Concen: 56.661 ug/L
 RT: 1.691 min Scan# 99
 Delta R.T. 0.000 min
 Lab File: VX026145.D
 Acq: 29 Dec 2021 17:40

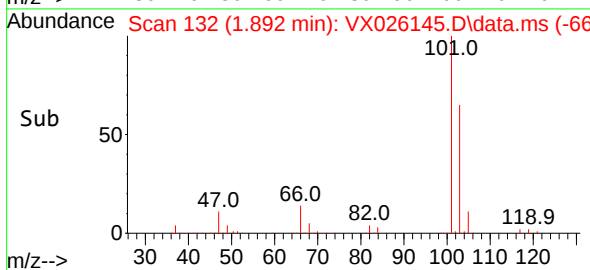
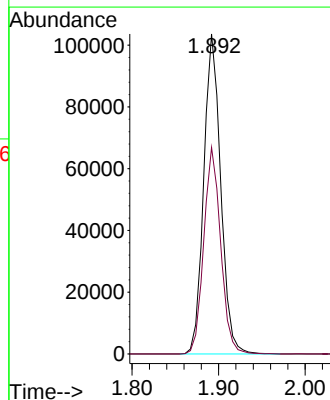
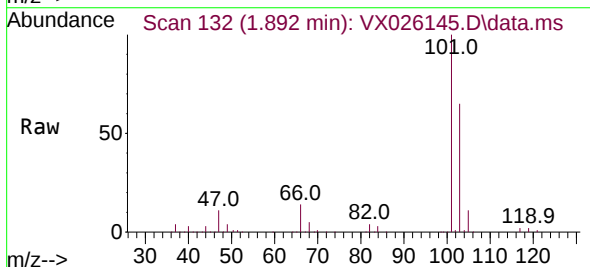
Instrument :
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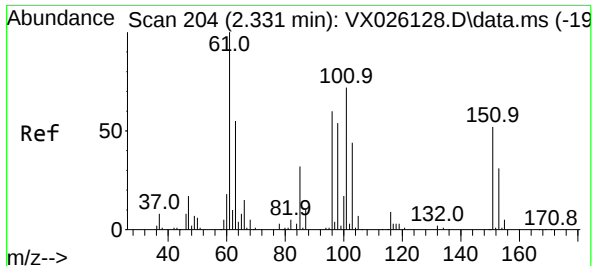
Tgt Ion: 64 Resp: 54244
 Ion Ratio Lower Upper
 64 100
 66 30.9 22.5 41.7



#9
 Trichlorofluoromethane
 Concen: 56.630 ug/L
 RT: 1.892 min Scan# 132
 Delta R.T. 0.000 min
 Lab File: VX026145.D
 Acq: 29 Dec 2021 17:40

Tgt Ion: 101 Resp: 141167
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.2 76.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 56.158 ug/L

RT: 2.337 min Scan# 204

Delta R.T. 0.006 min

Lab File: VX026145.D

Acq: 29 Dec 2021 17:40

Instrument :

MSVOA_X

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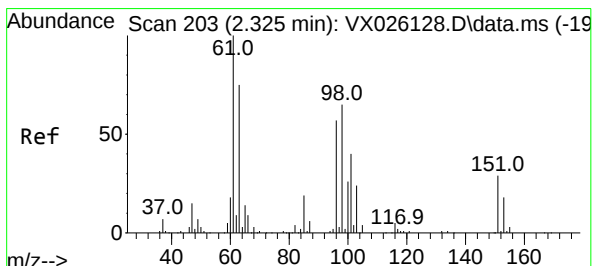
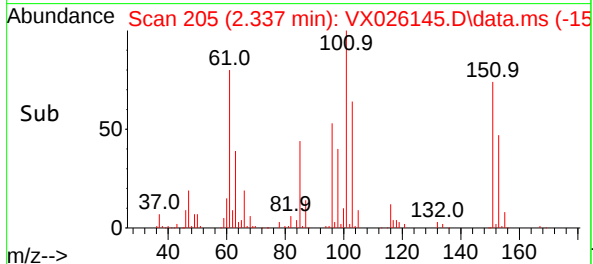
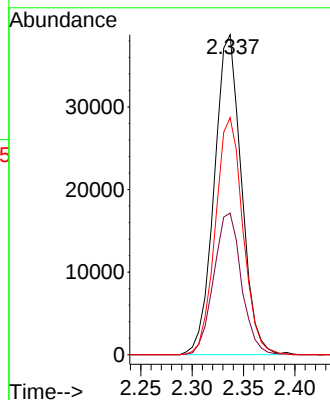
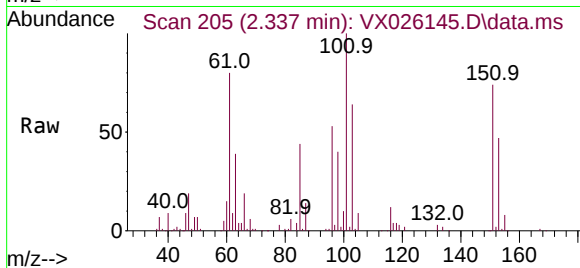
Tgt Ion:101 Resp: 71033

Ion Ratio Lower Upper

101 100

85 45.2 36.6 55.0

151 75.2 58.5 87.7



#12

1,1-Dichloroethene

Concen: 55.783 ug/L

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX026145.D

Acq: 29 Dec 2021 17:40

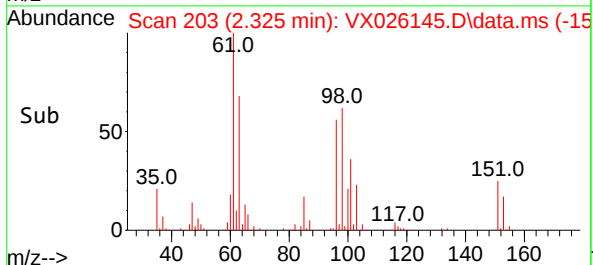
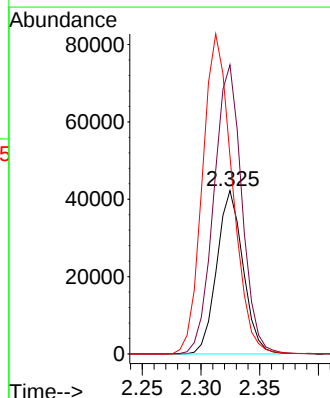
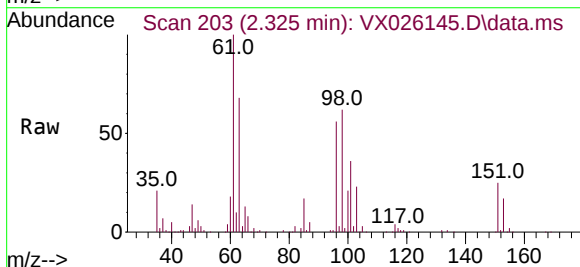
Tgt Ion: 96 Resp: 65646

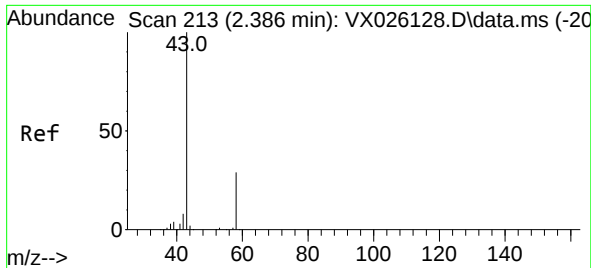
Ion Ratio Lower Upper

96 100

61 177.0 121.6 225.8

63 121.1 86.7 161.1





#13

Acetone

Concen: 99.822 ug/L

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX026145.D

Acq: 29 Dec 2021 17:40

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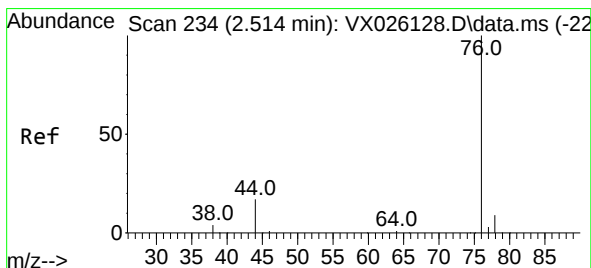
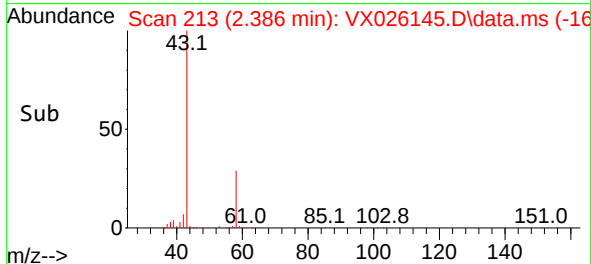
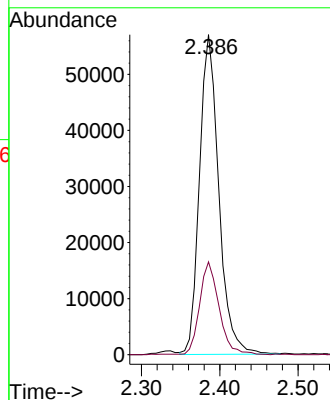
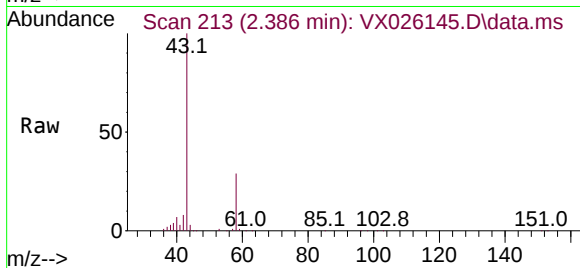
VSTD050750

Tgt Ion: 43 Resp: 97866

Ion Ratio Lower Upper

43 100

58 28.4 0.0 58.2



#14

Carbon disulfide

Concen: 52.239 ug/L

RT: 2.520 min Scan# 235

Delta R.T. 0.006 min

Lab File: VX026145.D

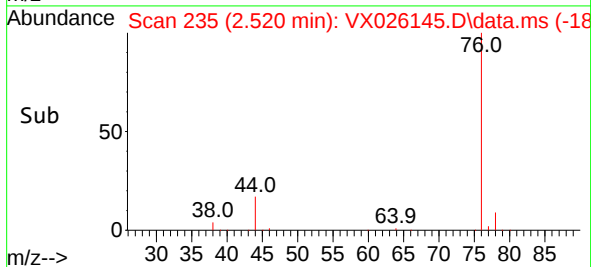
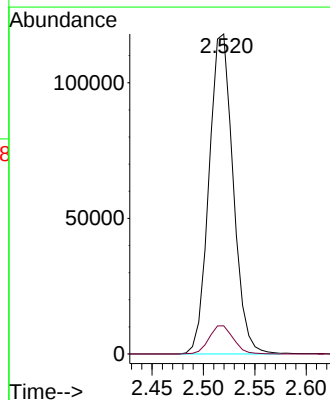
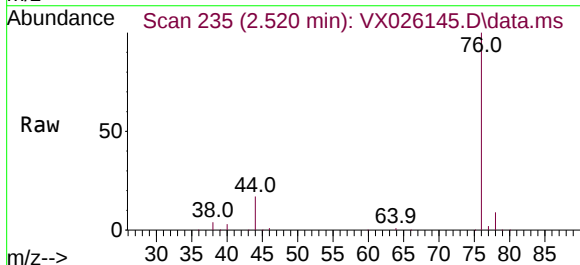
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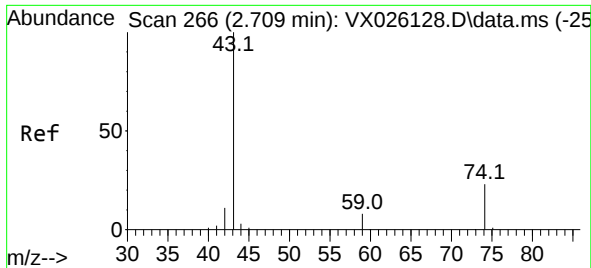
Tgt Ion: 76 Resp: 193030

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7

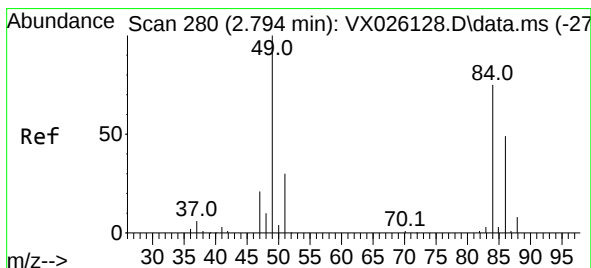
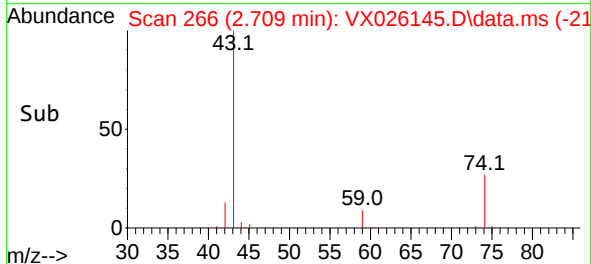
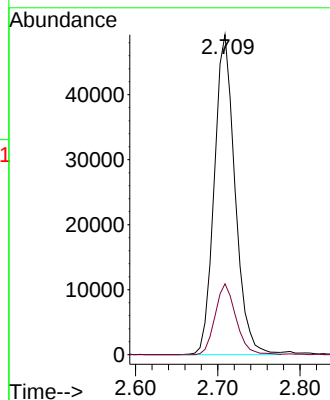
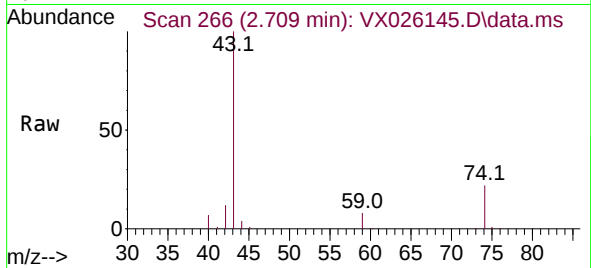




#15
Methyl Acetate
Concen: 56.027 ug/L
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX026145.D
Acq: 29 Dec 2021 17:40

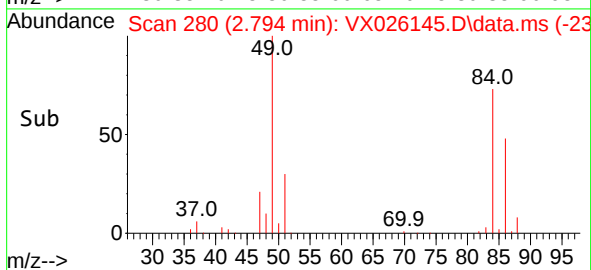
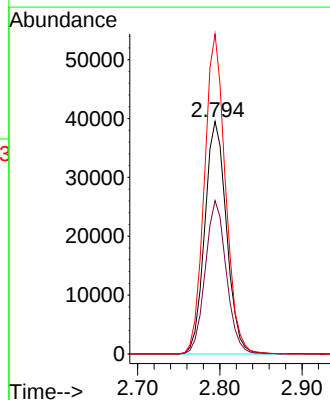
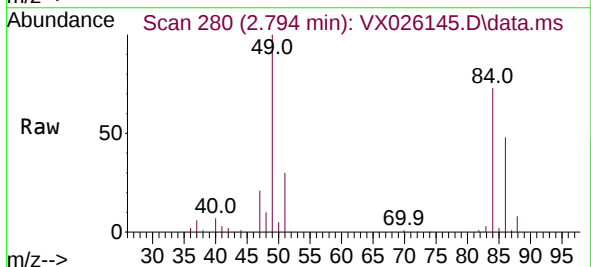
Instrument :
MSVOA_X
ClientSampleId :
VSTD050750

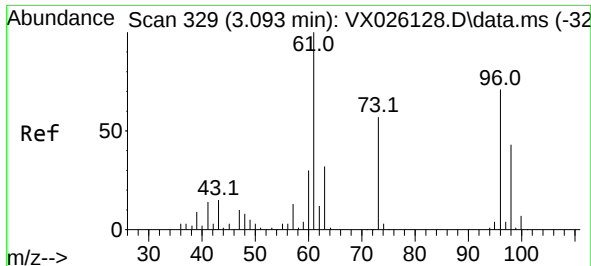
Tgt Ion: 43 Resp: 86436
Ion Ratio Lower Upper
43 100
74 22.3 17.8 26.6



#16
Methylene chloride
Concen: 55.304 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026145.D
Acq: 29 Dec 2021 17:40

Tgt Ion: 84 Resp: 72488
Ion Ratio Lower Upper
84 100
86 66.0 44.6 82.8
49 137.7 89.6 166.4



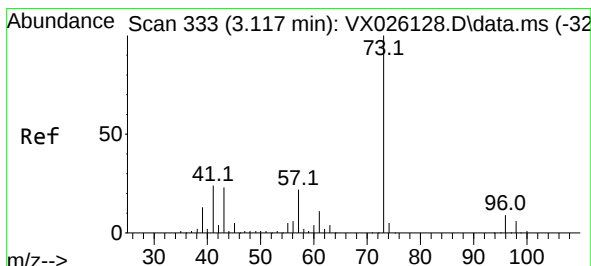
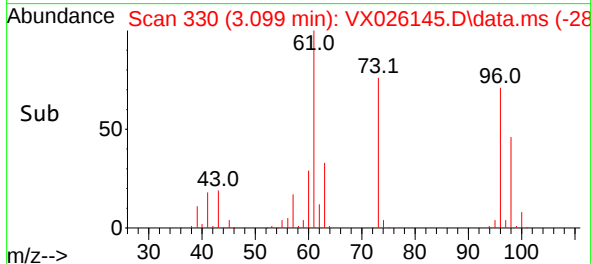
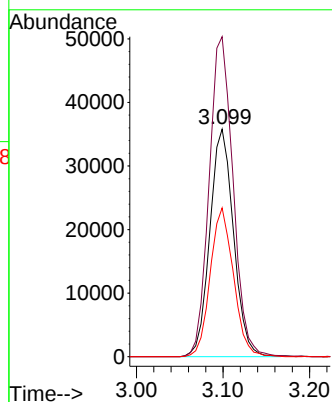
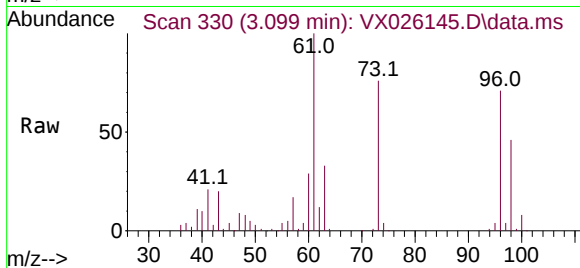


#17
 trans-1,2-Dichloroethene
 Concen: 54.976 ug/L
 RT: 3.099 min Scan# 311
 Delta R.T. 0.006 min
 Lab File: VX026145.D
 Acq: 29 Dec 2021 17:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050750

Tgt Ion: 96 Resp: 68103

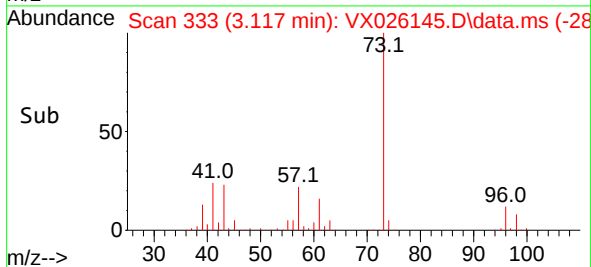
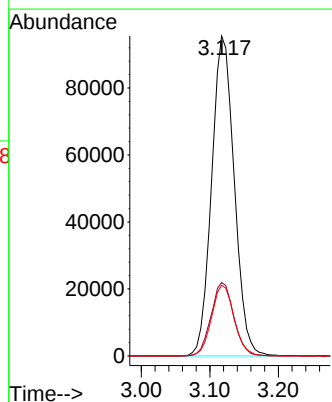
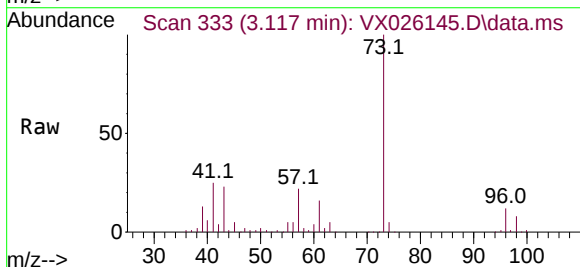
Ion	Ratio	Lower	Upper
96	100		
61	140.7	98.6	183.2
98	65.4	44.9	83.3

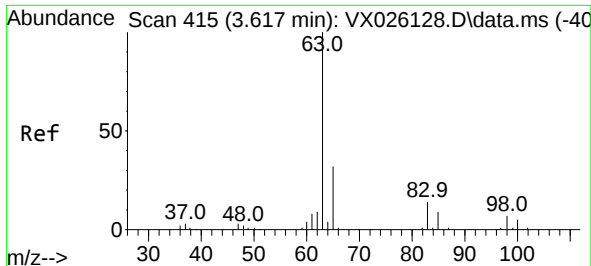


#18
 Methyl tert-butyl Ether
 Concen: 55.272 ug/L
 RT: 3.117 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VX026145.D
 Acq: 29 Dec 2021 17:40

Tgt Ion: 73 Resp: 218896

Ion	Ratio	Lower	Upper
73	100		
43	23.1	17.9	26.9
57	22.0	17.8	26.6





#19

1,1-Dichloroethane

Concen: 56.090 ug/L

RT: 3.617 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX026145.D

Acq: 29 Dec 2021 17:40

Instrument :

MSVOA_X

ClientSampleId :

VSTD050750

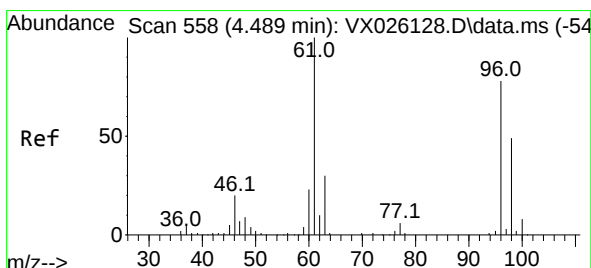
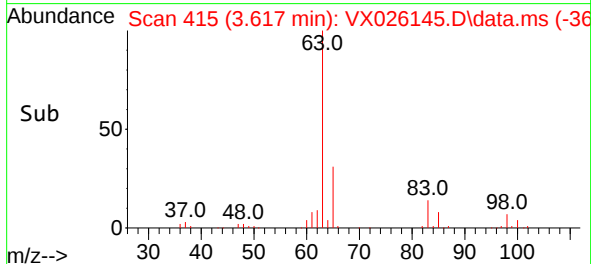
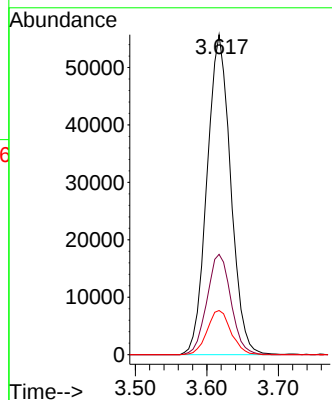
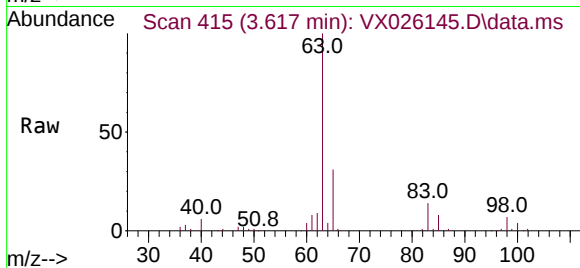
Tgt Ion: 63 Resp: 127884

Ion Ratio Lower Upper

63 100

65 31.4 21.8 40.6

83 13.8 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 55.416 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX026145.D

Acq: 29 Dec 2021 17:40

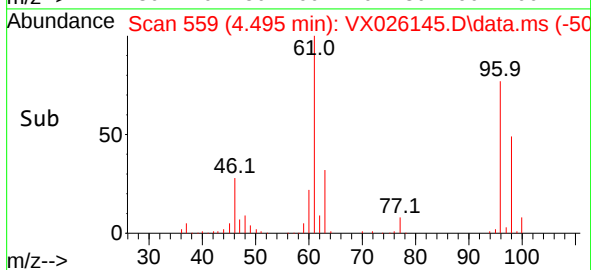
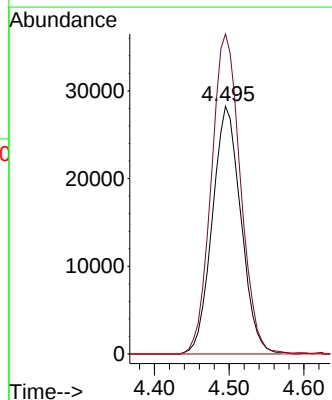
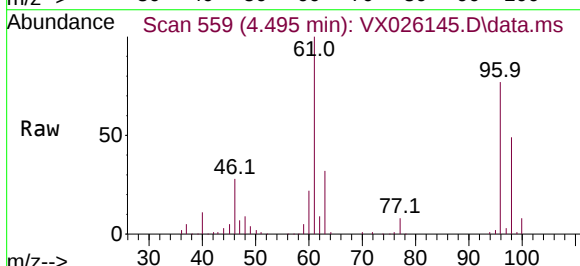
Tgt Ion: 96 Resp: 75126

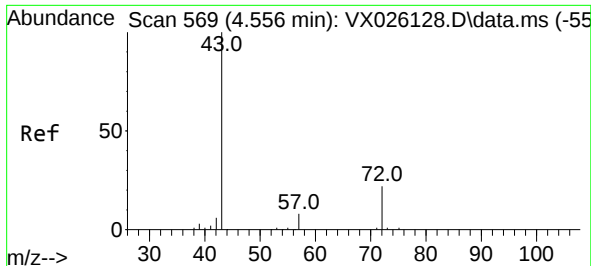
Ion Ratio Lower Upper

96 100

61 129.2 88.8 165.0

68 0.0 0.0 0.0

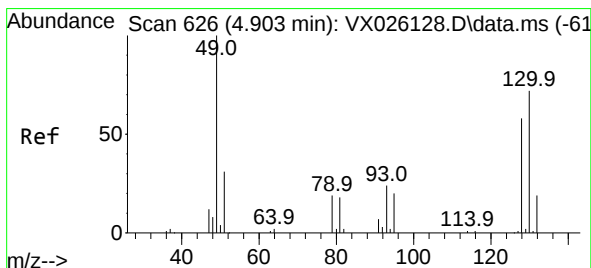
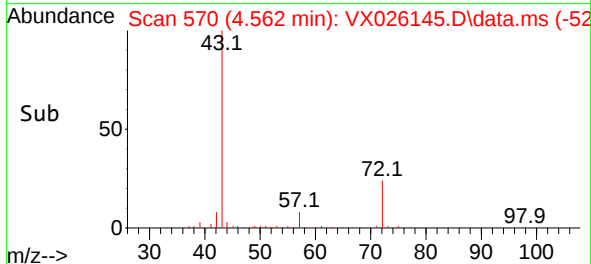
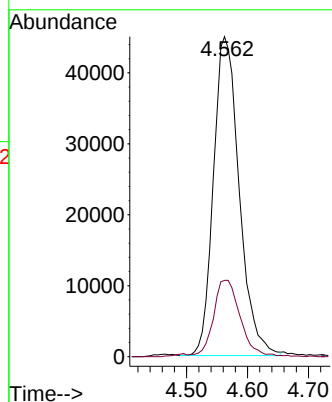
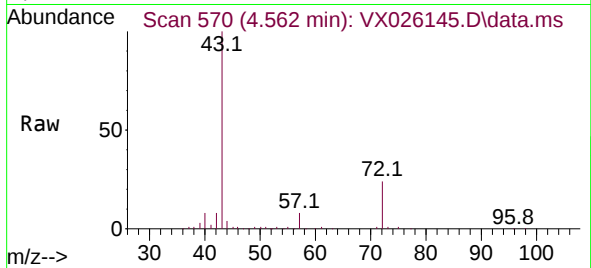




#22
2-Butanone
Concen: 102.484 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX026145.D
Acq: 29 Dec 2021 17:40

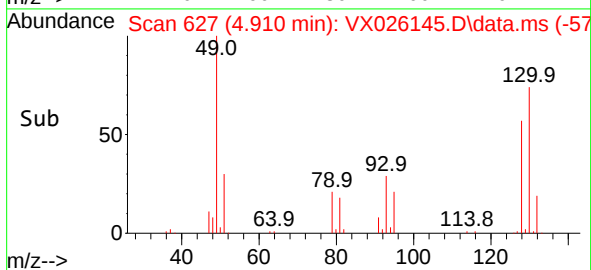
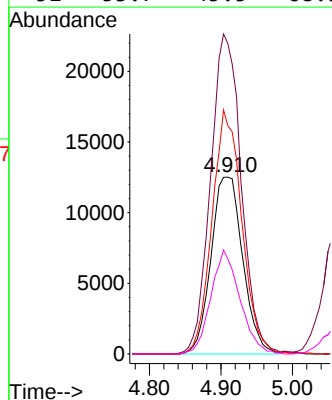
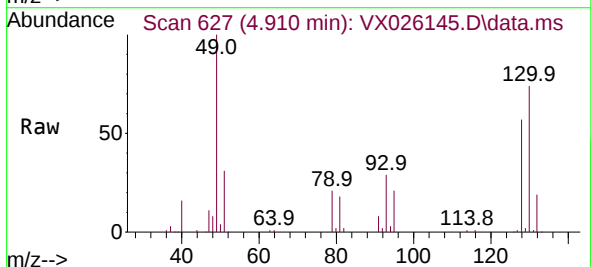
Instrument :
MSVOA_X
ClientSampleId :
VSTD050750

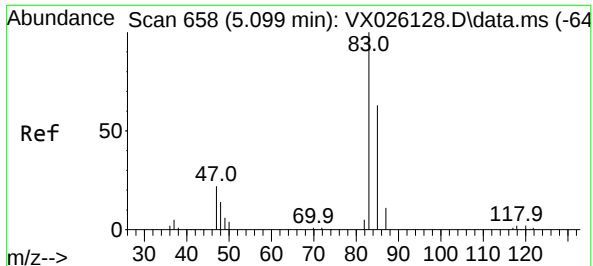
Tgt Ion: 43 Resp: 132203
Ion Ratio Lower Upper
43 100
72 24.5 12.0 36.1



#23
Bromochloromethane
Concen: 56.113 ug/L
RT: 4.910 min Scan# 627
Delta R.T. 0.006 min
Lab File: VX026145.D
Acq: 29 Dec 2021 17:40

Tgt Ion: 128 Resp: 38588
Ion Ratio Lower Upper
128 100
49 175.4 119.8 222.4
130 129.0 89.2 165.6
51 53.7 45.5 68.3





#25

Chloroform

Concen: 57.996 ug/L

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX026145.D

Acq: 29 Dec 2021 17:40

Instrument :

MSVOA_X

ClientSampleId :

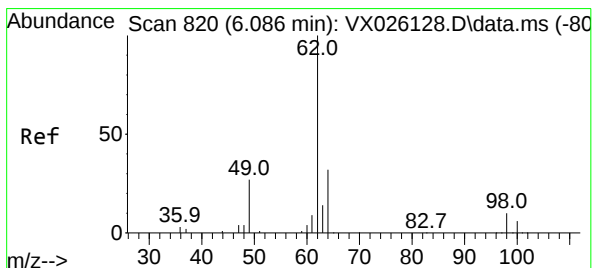
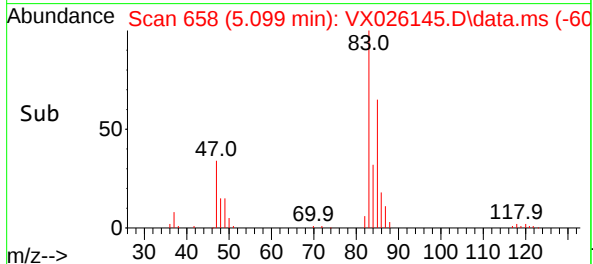
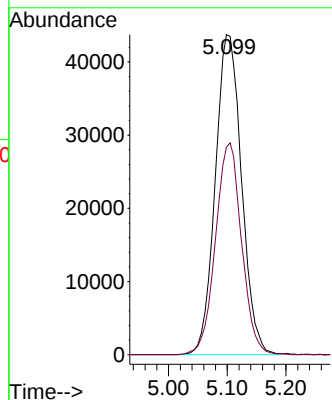
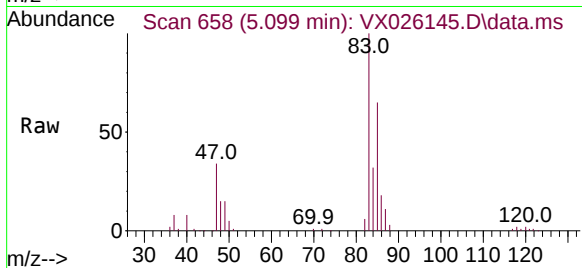
VSTD050750

Tgt Ion: 83 Resp: 135969

Ion Ratio Lower Upper

83 100

85 64.8 44.5 82.7



#27

1,2-Dichloroethane

Concen: 57.574 ug/L

RT: 6.098 min Scan# 822

Delta R.T. 0.012 min

Lab File: VX026145.D

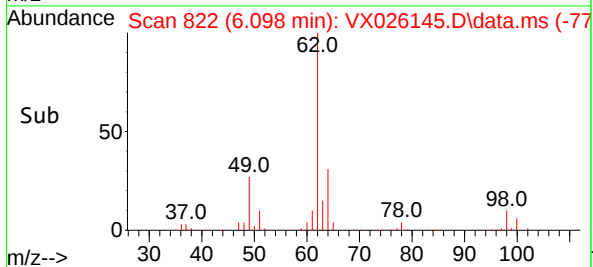
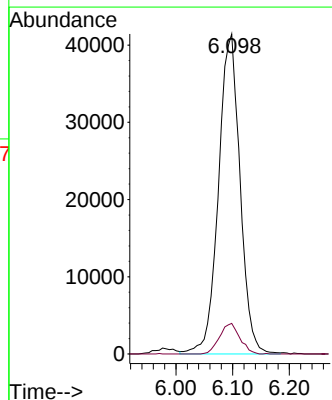
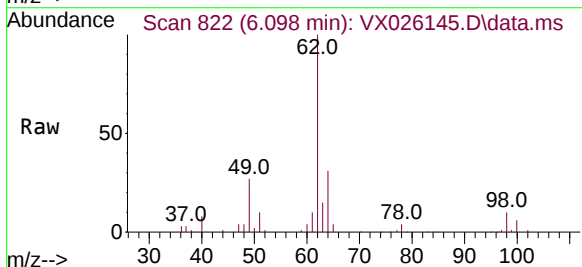
Acq: 29 Dec 2021 17:40

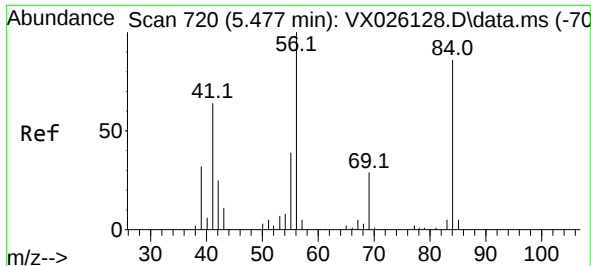
Tgt Ion: 62 Resp: 109649

Ion Ratio Lower Upper

62 100

98 9.5 8.1 12.1

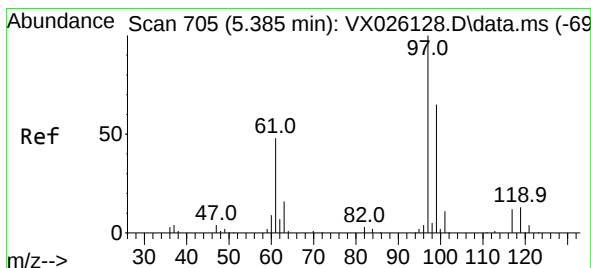
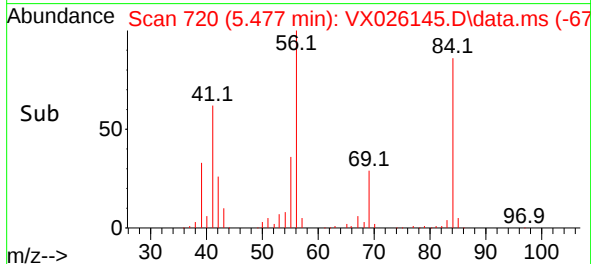
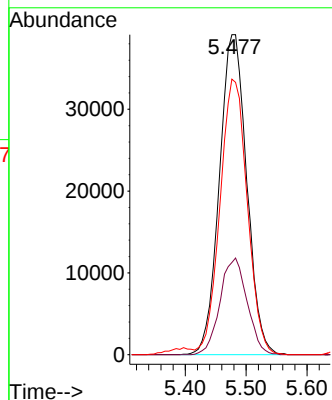
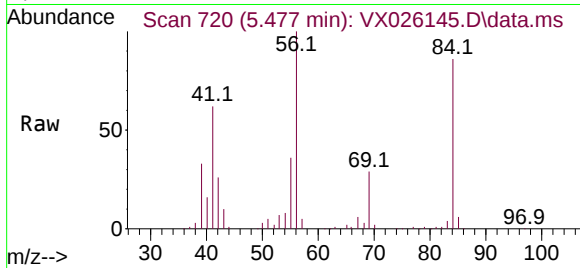




#29
Cyclohexane
Concen: 56.509 ug/L
RT: 5.477 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026145.D
Acq: 29 Dec 2021 17:40

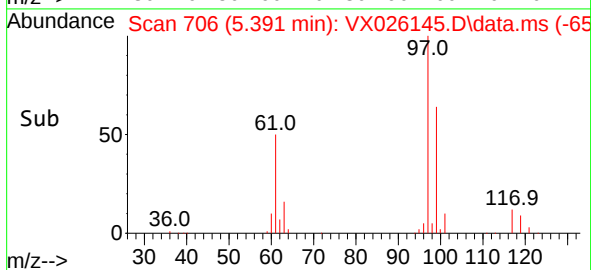
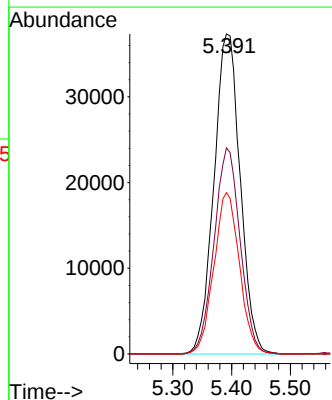
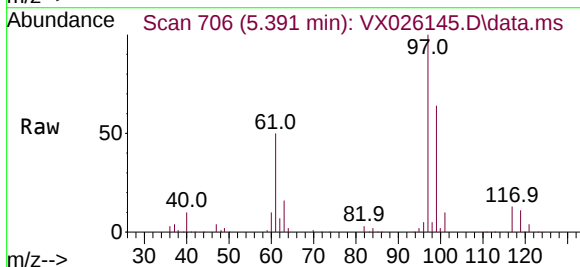
Instrument :
MSVOA_X
ClientSampleId :
VSTD050750

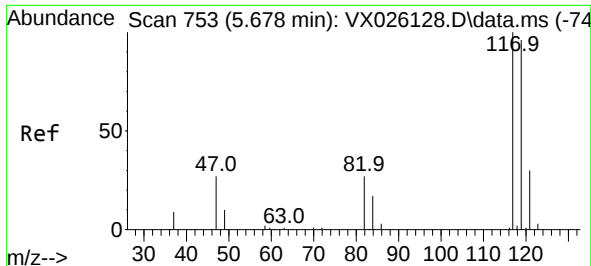
Tgt Ion: 56 Resp: 121966
Ion Ratio Lower Upper
56 100
69 29.8 23.9 35.9
84 85.8 69.4 104.2



#30
1,1,1-Trichloroethane
Concen: 55.578 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX026145.D
Acq: 29 Dec 2021 17:40

Tgt Ion: 97 Resp: 116047
Ion Ratio Lower Upper
97 100
99 63.7 51.6 77.4
61 49.1 38.3 57.5

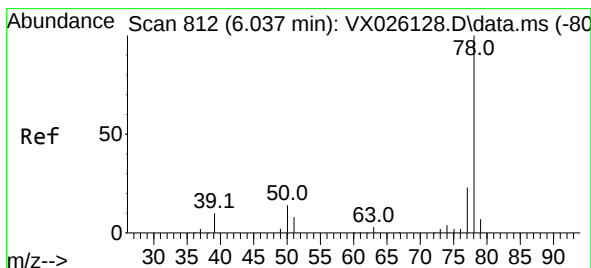
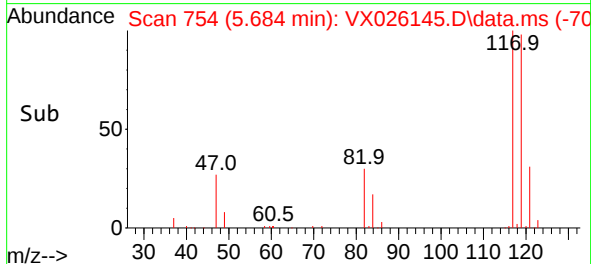
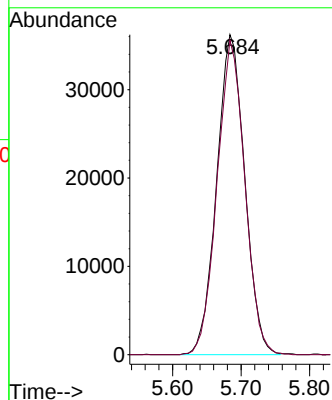
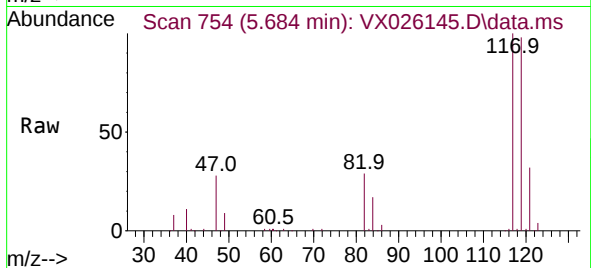




#31
Carbon tetrachloride
Concen: 54.855 ug/L
RT: 5.684 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026145.D
Acq: 29 Dec 2021 17:40

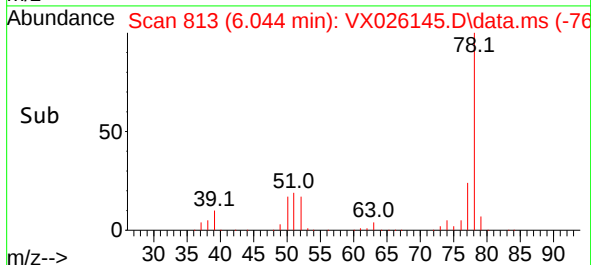
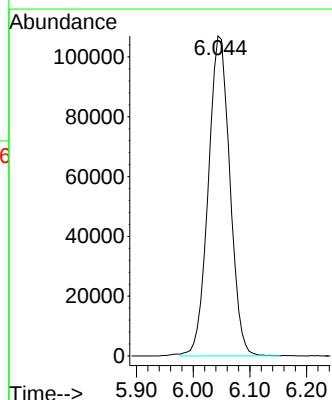
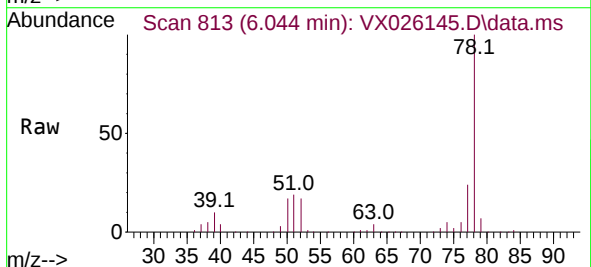
Instrument :
MSVOA_X
ClientSampleId :
VSTD050750

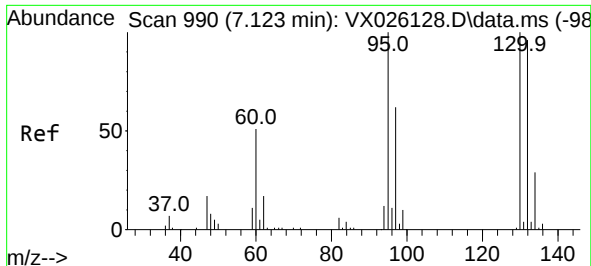
Tgt Ion:117 Resp: 103026
Ion Ratio Lower Upper
117 100
119 96.8 76.7 115.1



#33
Benzene
Concen: 55.916 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX026145.D
Acq: 29 Dec 2021 17:40

Tgt Ion: 78 Resp: 283143

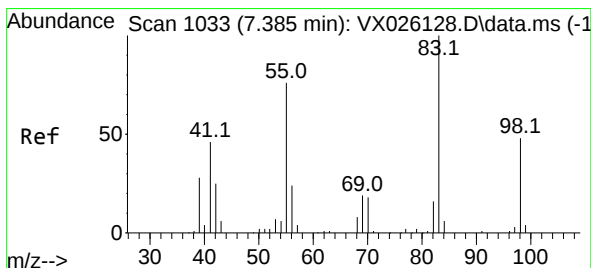
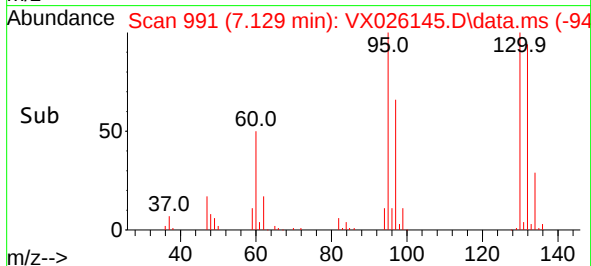
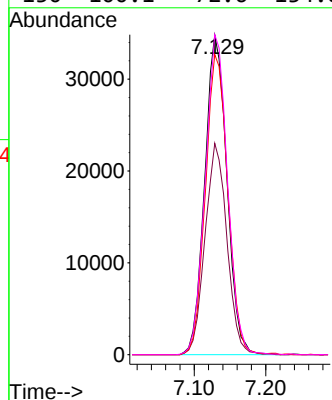
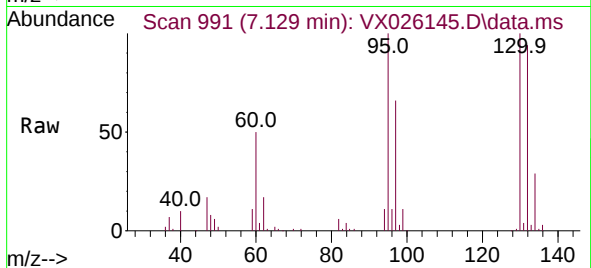




#34
Trichloroethene
Concen: 56.299 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX026145.D
Acq: 29 Dec 2021 17:40

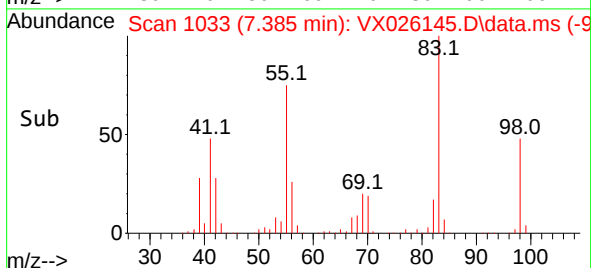
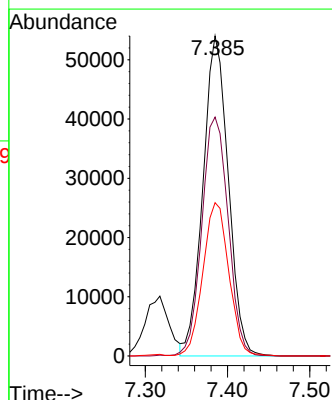
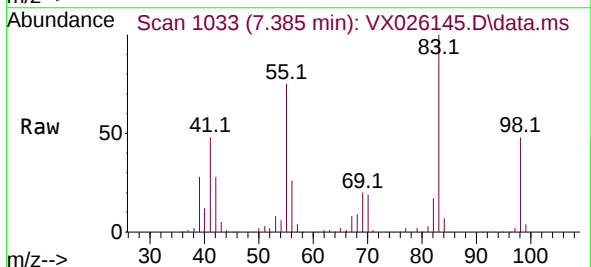
Instrument :
MSVOA_X
ClientSampleId :
VSTD050750

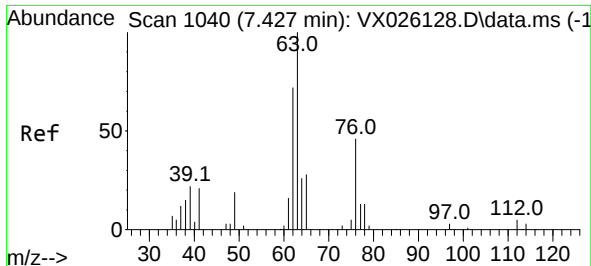
Tgt Ion: 95 Resp: 75061
Ion Ratio Lower Upper
95 100
97 66.1 46.3 85.9
132 93.9 68.7 127.7
130 100.1 72.6 134.8



#35
Methylcyclohexane
Concen: 56.220 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX026145.D
Acq: 29 Dec 2021 17:40

Tgt Ion: 83 Resp: 115610
Ion Ratio Lower Upper
83 100
55 77.6 62.9 94.3
98 49.2 40.6 61.0





#37

1,2-Dichloropropane

Concen: 56.536 ug/L

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX026145.D

Acq: 29 Dec 2021 17:40

Instrument :

MSVOA_X

ClientSampleId :

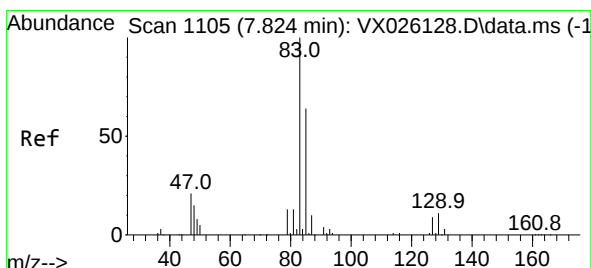
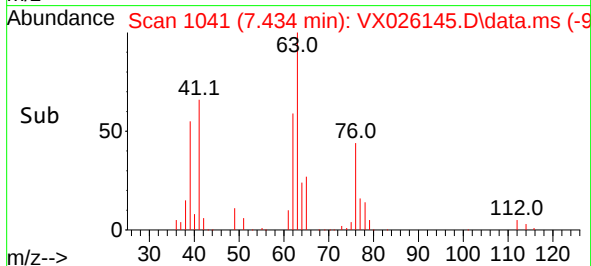
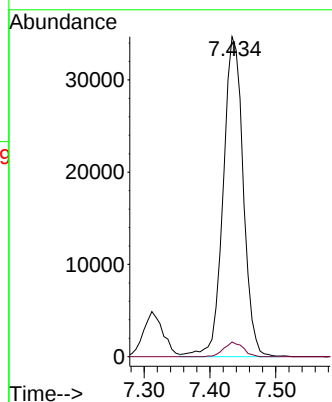
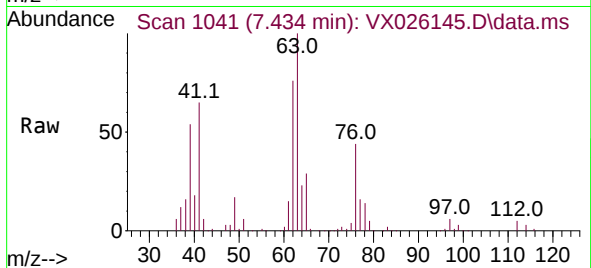
VSTD050750

Tgt Ion: 63 Resp: 73703

Ion Ratio Lower Upper

63 100

112 4.4 3.7 5.5



#38

Bromodichloromethane

Concen: 55.884 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX026145.D

Acq: 29 Dec 2021 17:40

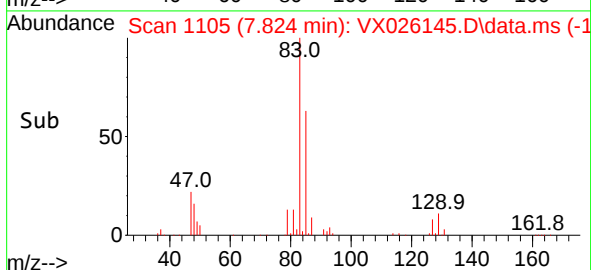
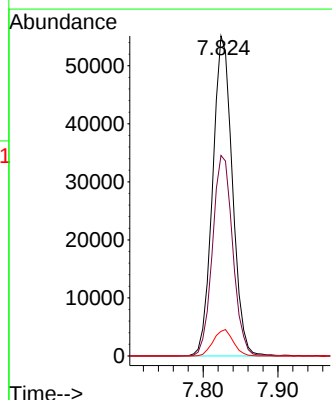
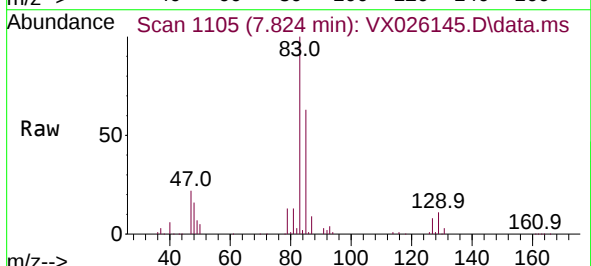
Tgt Ion: 83 Resp: 101217

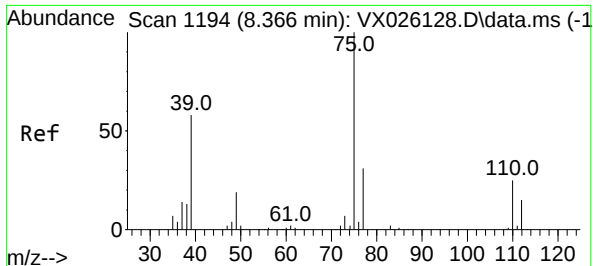
Ion Ratio Lower Upper

83 100

85 62.6 44.8 83.2

127 7.7 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 55.276 ug/L

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX026145.D

Acq: 29 Dec 2021 17:40

Instrument :

MSVOA_X

ClientSampleId :

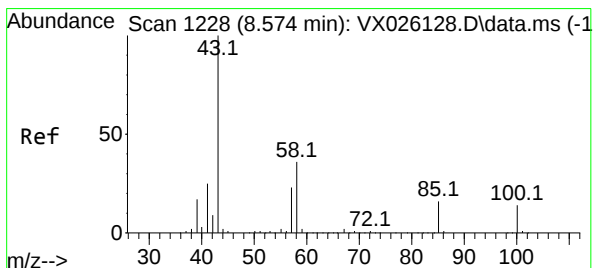
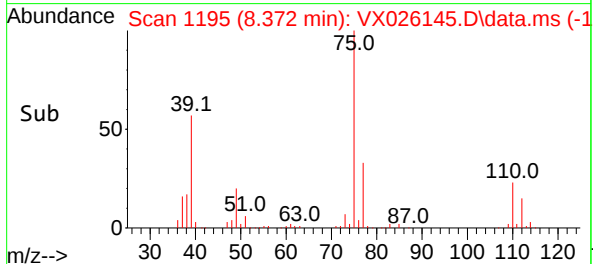
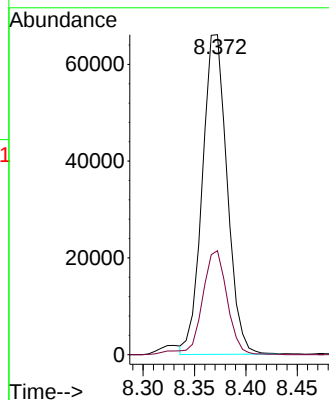
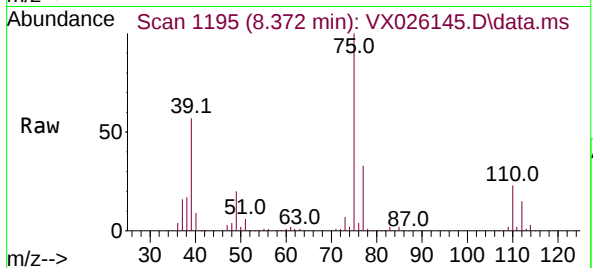
VSTD050750

Tgt Ion: 75 Resp: 111126

Ion Ratio Lower Upper

75 100

77 32.5 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 112.349 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX026145.D

Acq: 29 Dec 2021 17:40

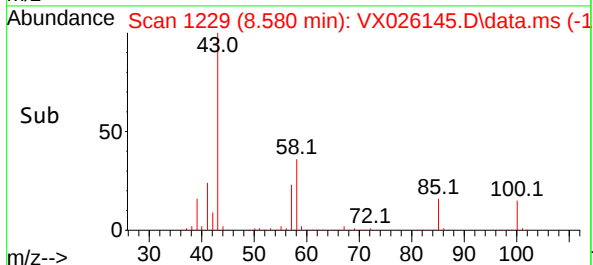
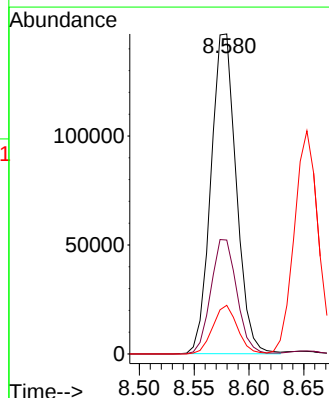
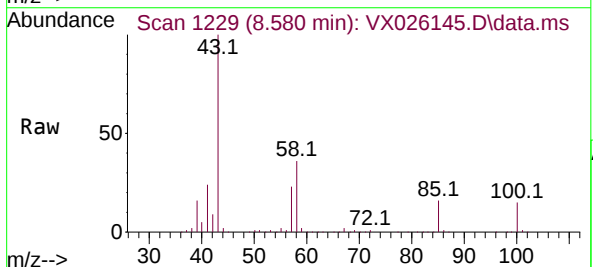
Tgt Ion: 43 Resp: 236329

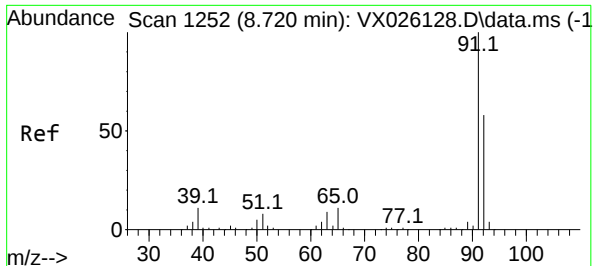
Ion Ratio Lower Upper

43 100

58 36.6 29.5 44.3

100 14.9 11.6 17.4





#42

Toluene

Concen: 55.789 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX026145.D

Acq: 29 Dec 2021 17:40

Instrument :

MSVOA_X

ClientSampleId :

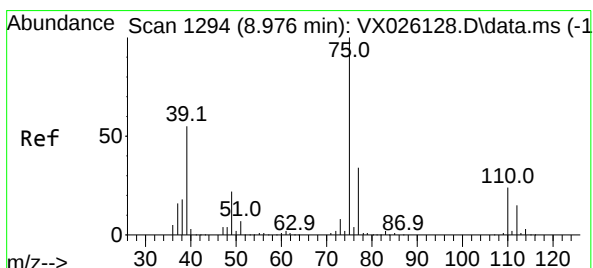
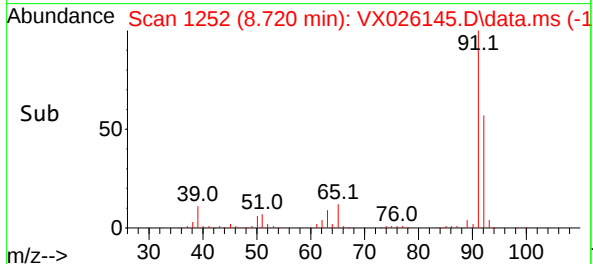
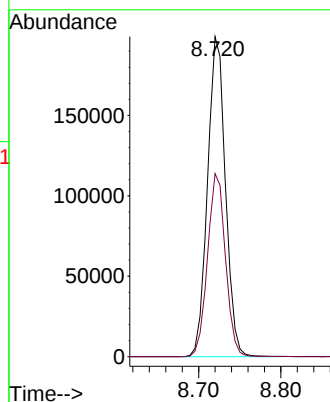
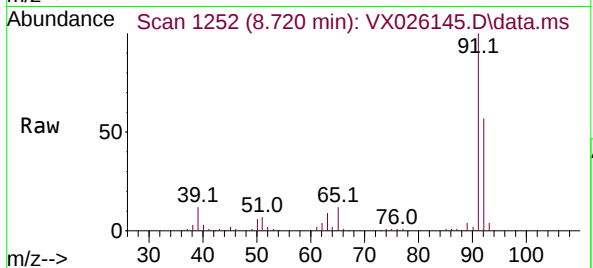
VSTD050750

Tgt Ion: 91 Resp: 300901

Ion Ratio Lower Upper

91 100

92 57.2 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 54.160 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX026145.D

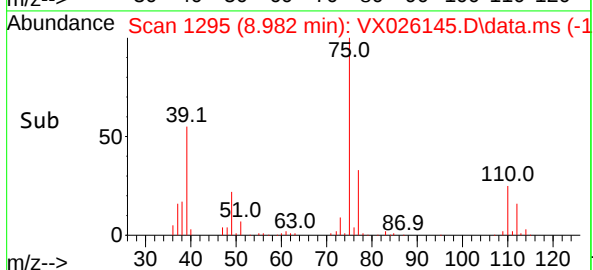
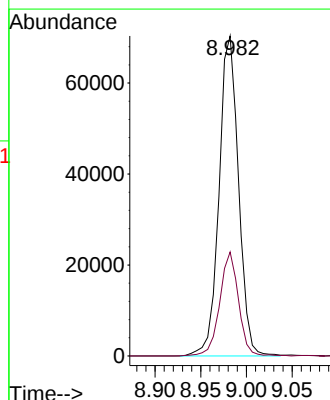
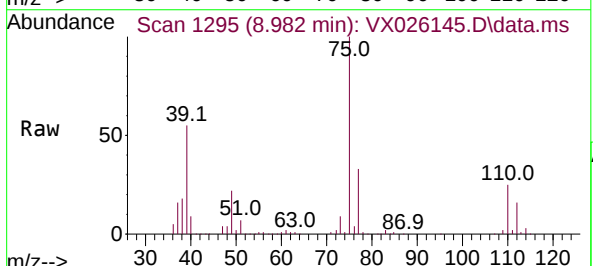
Acq: 29 Dec 2021 17:40

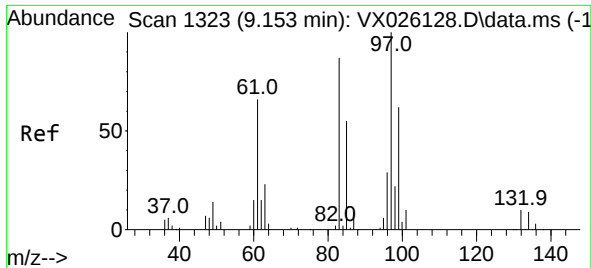
Tgt Ion: 75 Resp: 104321

Ion Ratio Lower Upper

75 100

77 32.5 22.5 41.7

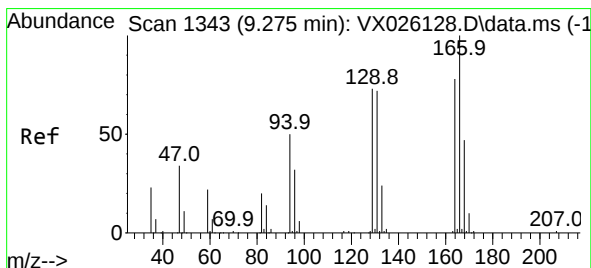
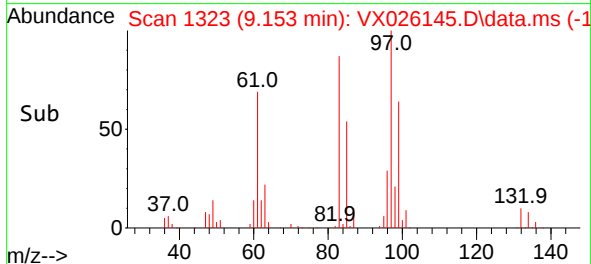
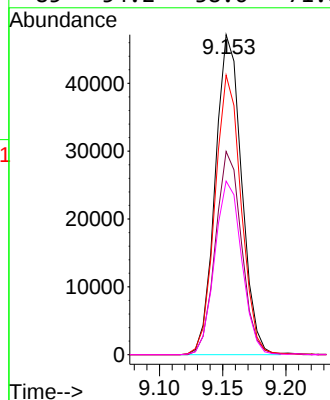
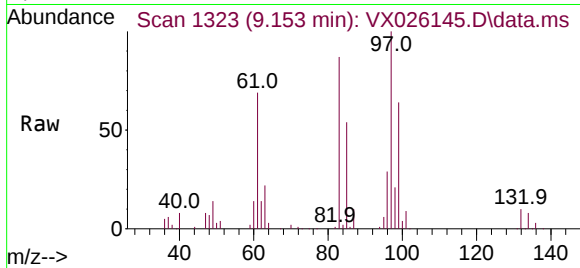




#45
1,1,2-Trichloroethane
Concen: 54.785 ug/L
RT: 9.153 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026145.D
Acq: 29 Dec 2021 17:40

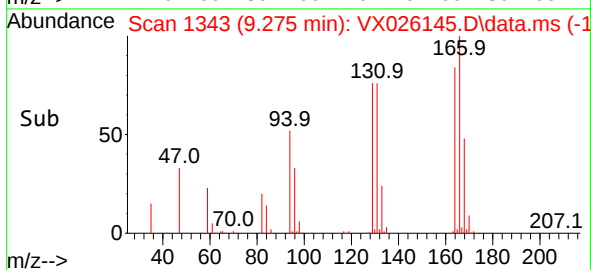
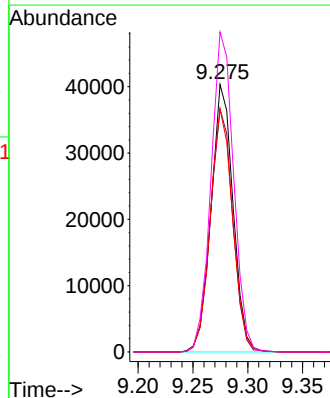
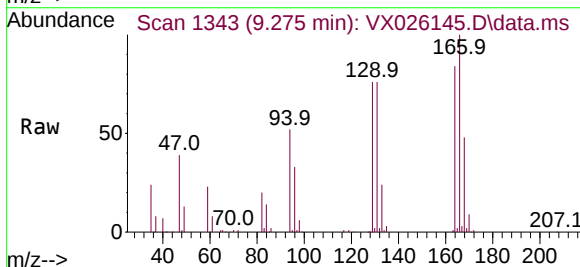
Instrument :
MSVOA_X
ClientSampleId :
VSTD050750

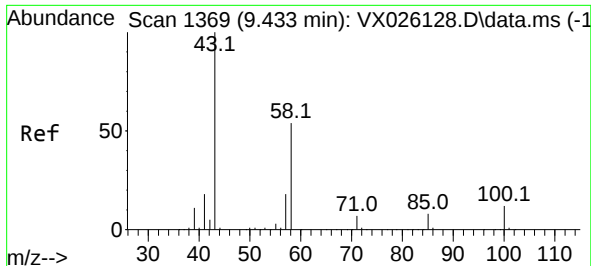
Tgt Ion: 97	Resp: 68143
Ion Ratio	Lower Upper
97 100	
99 63.5	43.2 80.2
83 87.3	60.3 111.9
85 54.2	38.6 71.8



#46
Tetrachloroethene
Concen: 57.130 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX026145.D
Acq: 29 Dec 2021 17:40

Tgt	Ion:164	Resp:	56306
Ion	Ratio	Lower	Upper
164	100		
129	90.8	66.3	123.1
131	90.8	63.6	118.0
166	119.6	90.4	167.8

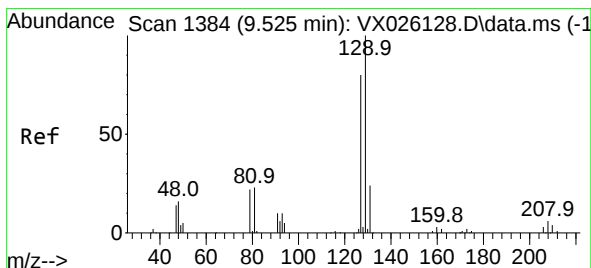
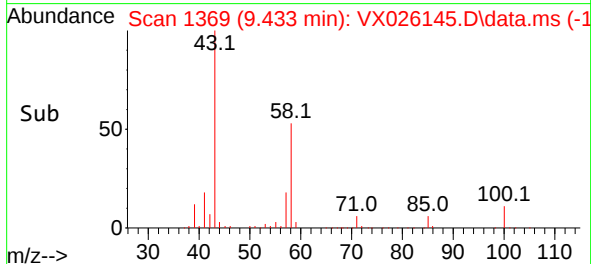
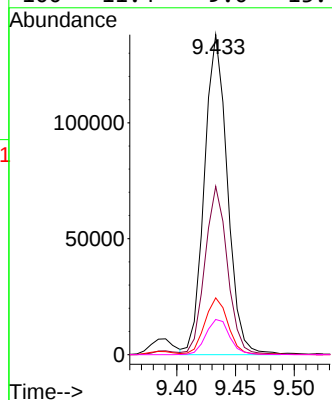
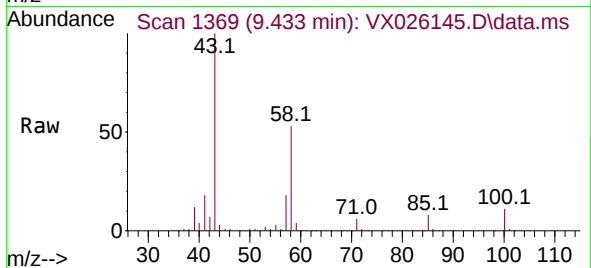




#48
2-Hexanone
Concen: 108.640 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX026145.D
Acq: 29 Dec 2021 17:40

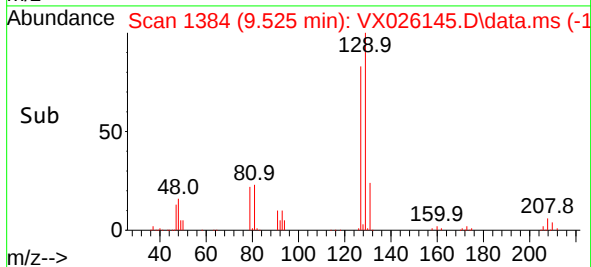
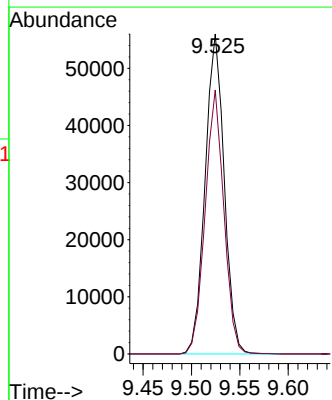
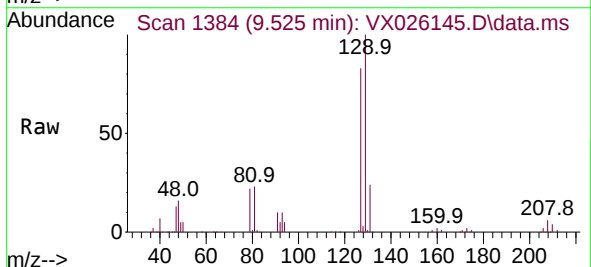
Instrument :
MSVOA_X
ClientSampleId :
VSTD050750

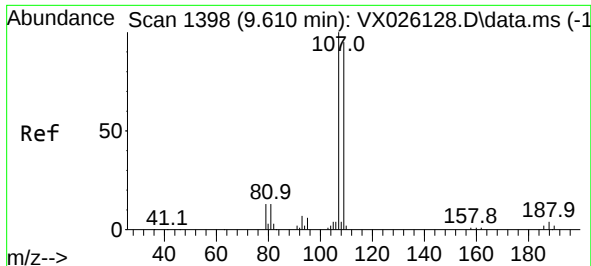
Tgt Ion: 43 Resp: 188208
Ion Ratio Lower Upper
43 100
58 51.6 40.8 61.2
57 17.6 14.3 21.5
100 11.4 9.0 13.4



#49
Dibromochloromethane
Concen: 54.309 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX026145.D
Acq: 29 Dec 2021 17:40

Tgt Ion: 129 Resp: 77101
Ion Ratio Lower Upper
129 100
127 82.5 54.0 100.2

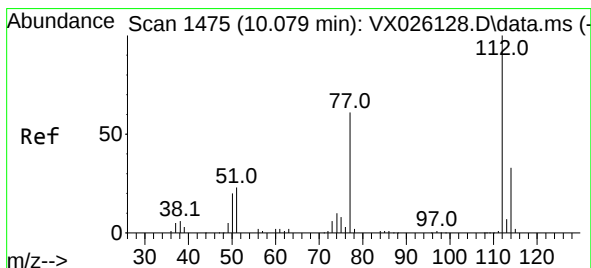
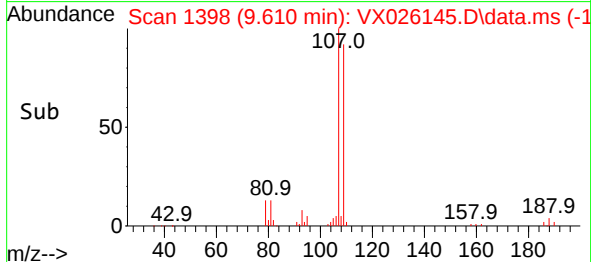
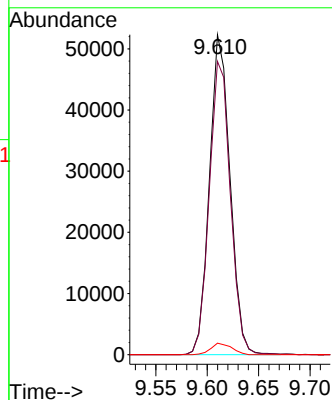
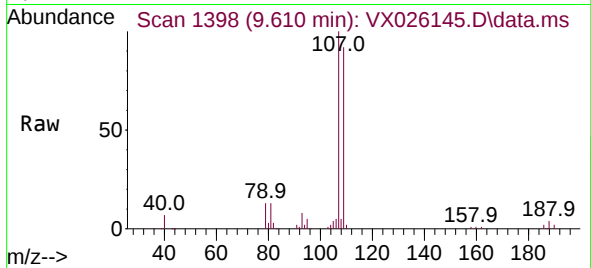




#50
1,2-Dibromoethane
Concen: 55.205 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX026145.D
Acq: 29 Dec 2021 17:40

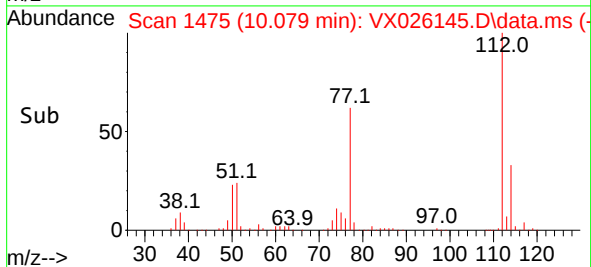
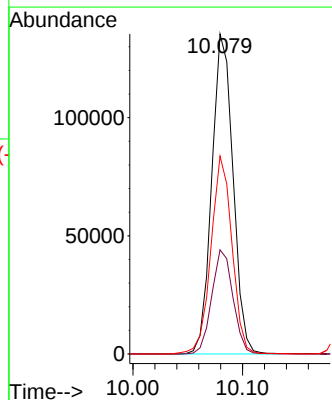
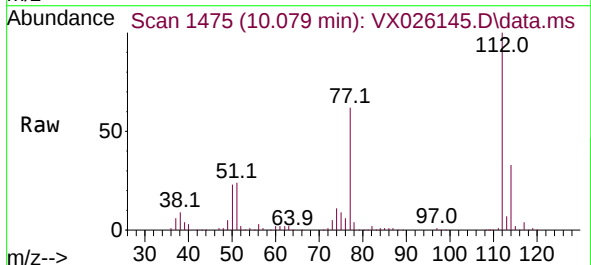
Instrument :
MSVOA_X
ClientSampleId :
VSTD050750

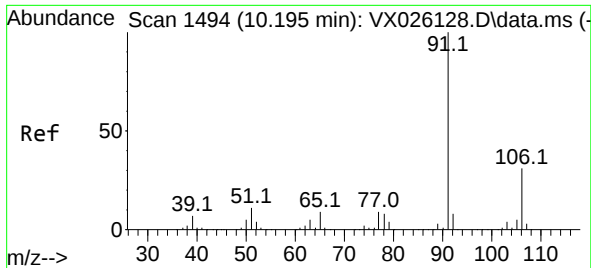
Tgt Ion:	107	Resp:	73091
Ion	Ratio	Lower	Upper
107	100		
109	91.7	63.5	117.9
188	3.6	2.9	4.3



#51
Chlorobenzene
Concen: 54.844 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX026145.D
Acq: 29 Dec 2021 17:40

Tgt Ion:	112	Resp:	182364
Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.2	41.2
77	61.8	47.8	71.8

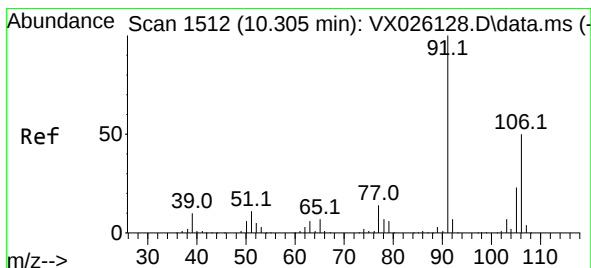
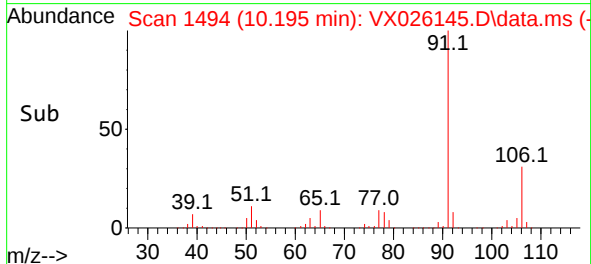
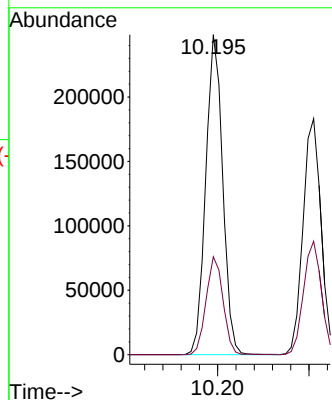
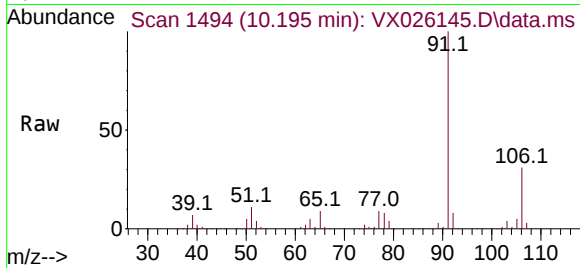




#52
Ethylbenzene
Concen: 56.175 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026145.D
Acq: 29 Dec 2021 17:40

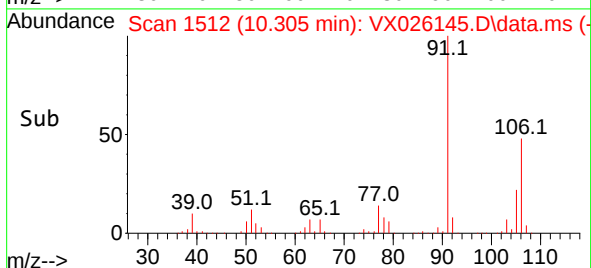
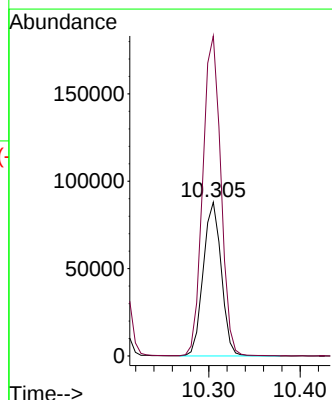
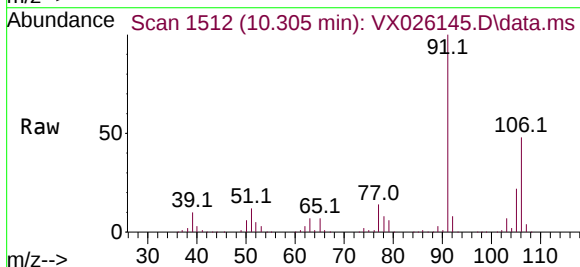
Instrument :
MSVOA_X
ClientSampleId :
VSTD050750

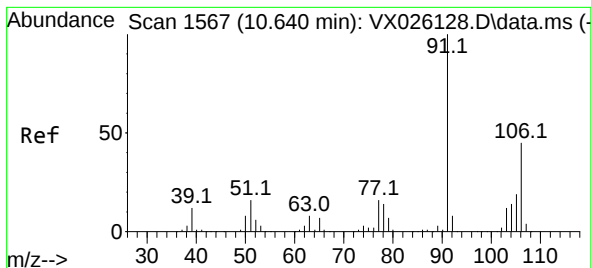
Tgt Ion: 91 Resp: 318498
Ion Ratio Lower Upper
91 100
106 30.6 21.5 39.9



#53
m,p-Xylene
Concen: 55.627 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX026145.D
Acq: 29 Dec 2021 17:40

Tgt Ion: 106 Resp: 120372
Ion Ratio Lower Upper
106 100
91 208.1 139.7 259.5





#54

o-Xylene

Concen: 55.955 ug/L

RT: 10.646 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX026145.D

Acq: 29 Dec 2021 17:40

Instrument :

MSVOA_X

ClientSampleId :

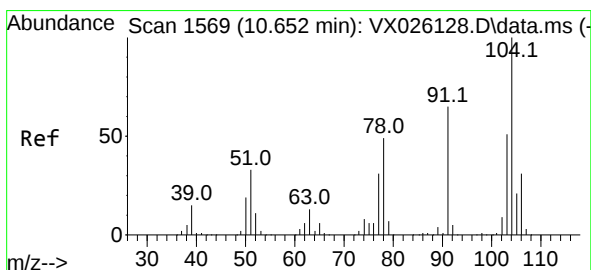
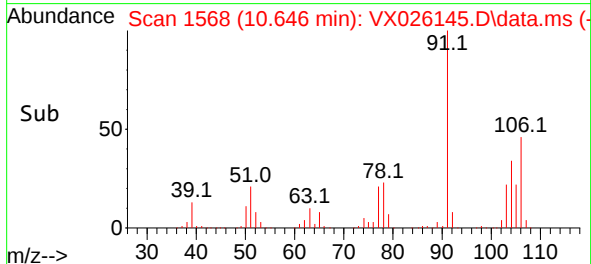
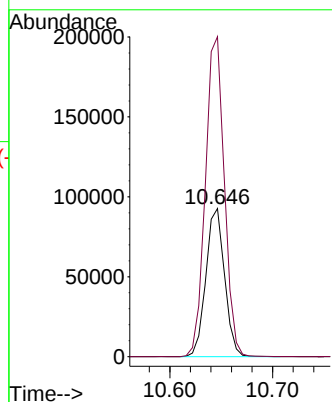
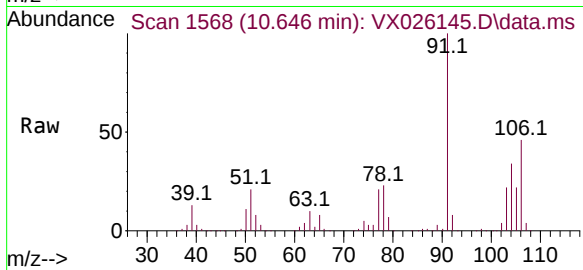
VSTD050750

Tgt Ion:106 Resp: 117621

Ion Ratio Lower Upper

106 100

91 216.1 149.1 276.9



#55

Styrene

Concen: 55.922 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX026145.D

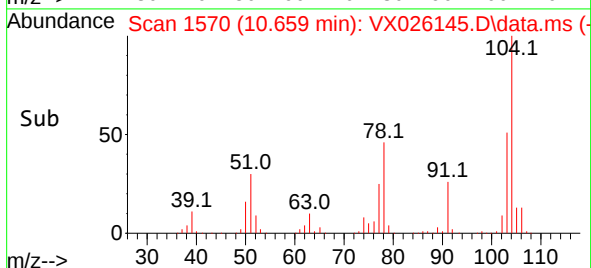
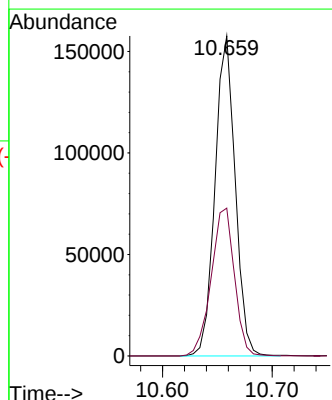
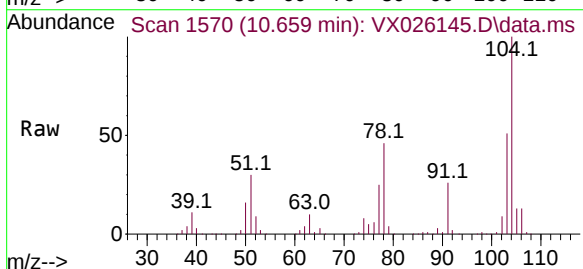
Acq: 29 Dec 2021 17:40

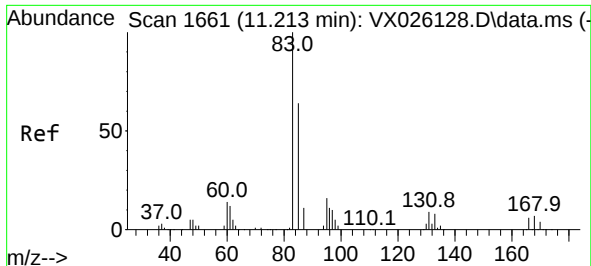
Tgt Ion:104 Resp: 201789

Ion Ratio Lower Upper

104 100

78 46.2 30.2 56.0

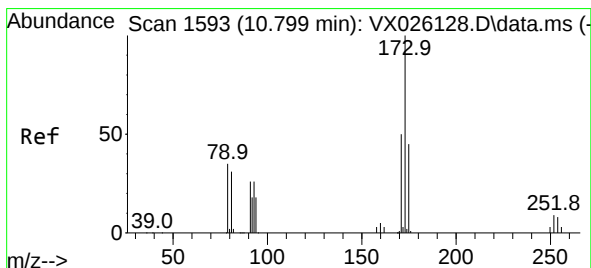
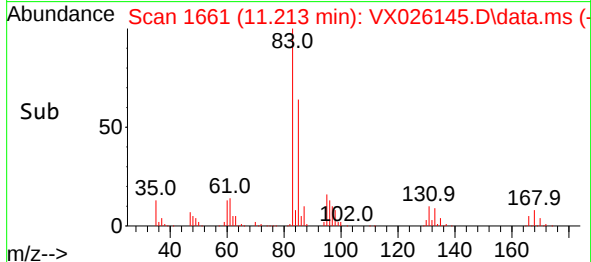
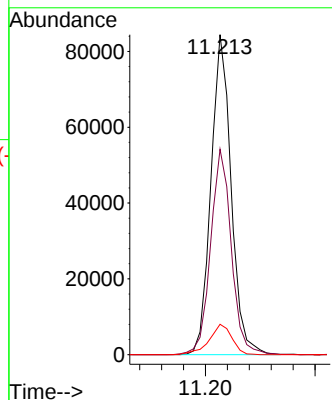
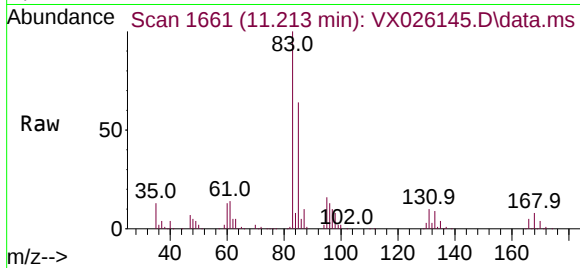




#57
1,1,2,2-Tetrachloroethane
Concen: 55.236 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX026145.D
Acq: 29 Dec 2021 17:40

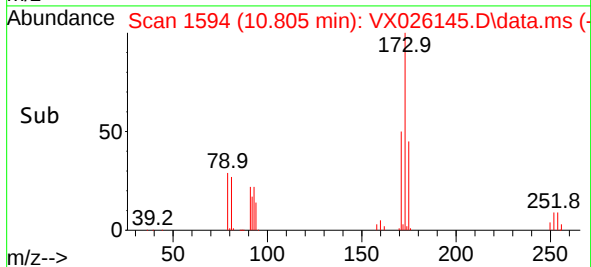
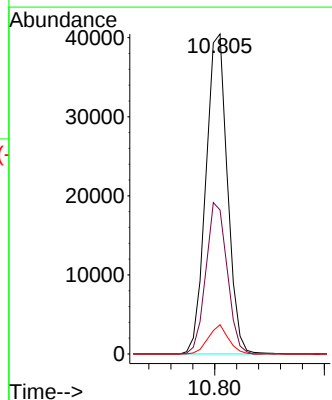
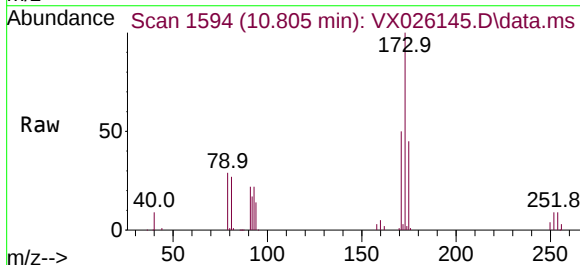
Instrument :
MSVOA_X
ClientSampleId :
VSTD050750

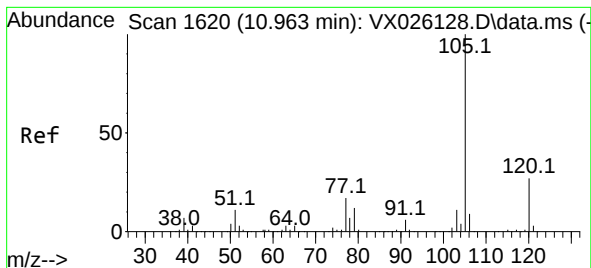
Tgt Ion: 83 Resp: 107900
Ion Ratio Lower Upper
83 100
85 64.2 45.5 84.5
131 9.5 7.9 11.9



#59
Bromoform
Concen: 55.796 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX026145.D
Acq: 29 Dec 2021 17:40

Tgt Ion: 173 Resp: 55222
Ion Ratio Lower Upper
173 100
175 46.7 38.8 58.2
254 8.5 7.0 10.6





#60

Isopropylbenzene

Concen: 56.823 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX026145.D

Acq: 29 Dec 2021 17:40

Instrument :

MSVOA_X

ClientSampleId :

VSTD050750

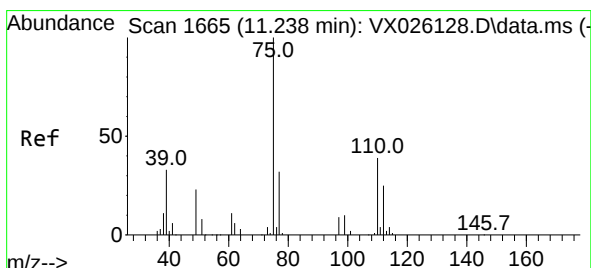
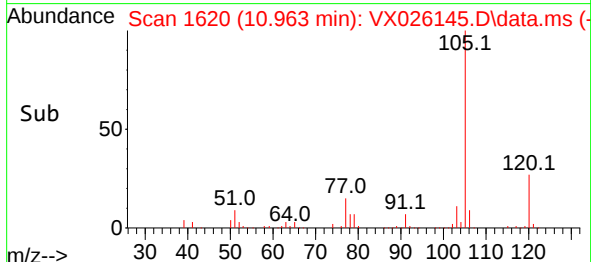
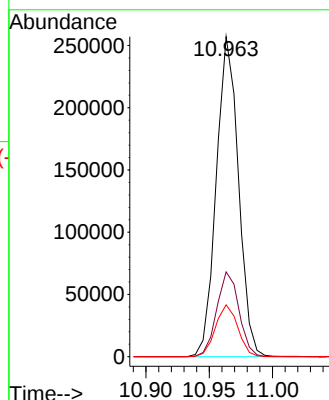
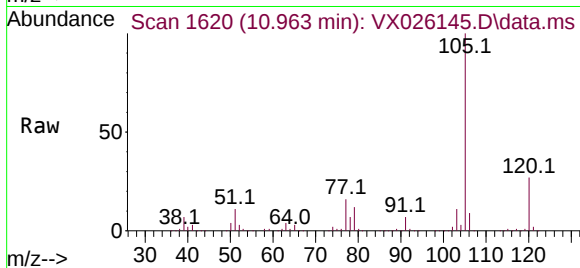
Tgt Ion:105 Resp: 312436

Ion Ratio Lower Upper

105 100

120 26.6 21.2 31.8

77 16.3 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 58.160 ug/L

RT: 11.244 min Scan# 1666

Delta R.T. 0.006 min

Lab File: VX026145.D

Acq: 29 Dec 2021 17:40

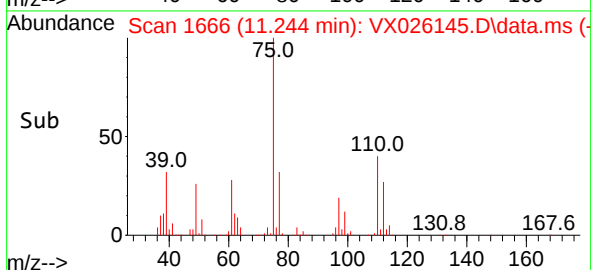
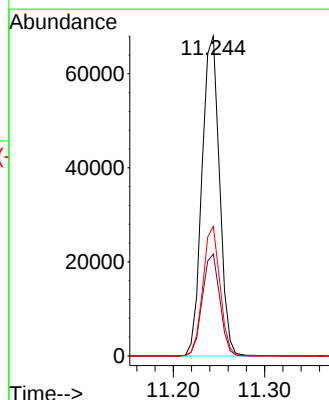
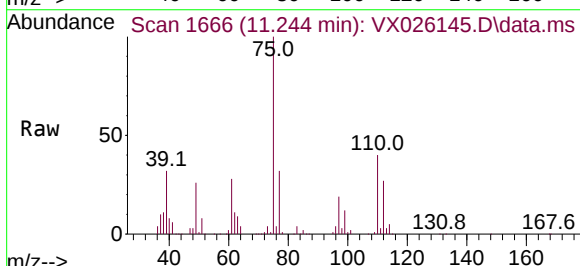
Tgt Ion: 75 Resp: 90619

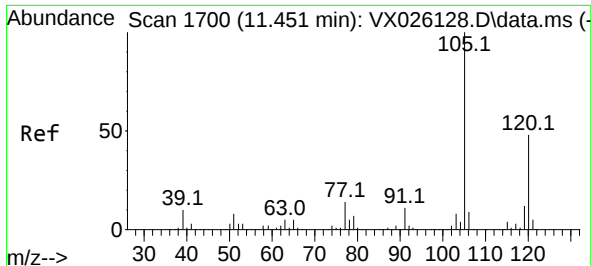
Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2

110 39.4 33.2 49.8





#62

1,3,5-Trimethylbenzene

Concen: 56.981 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX026145.D

Acq: 29 Dec 2021 17:40

Instrument :

MSVOA_X

ClientSampleId :

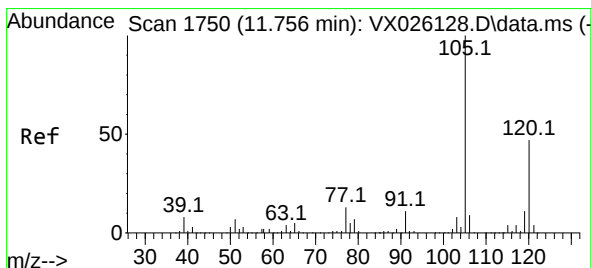
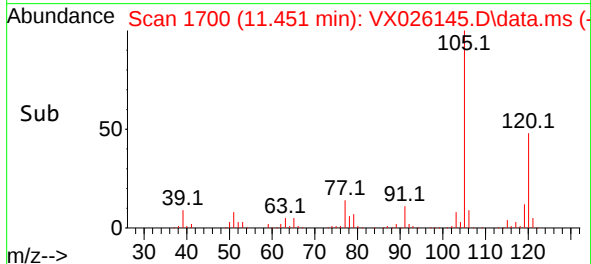
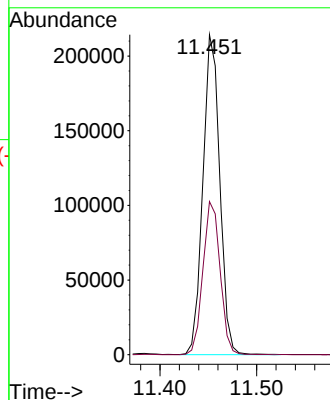
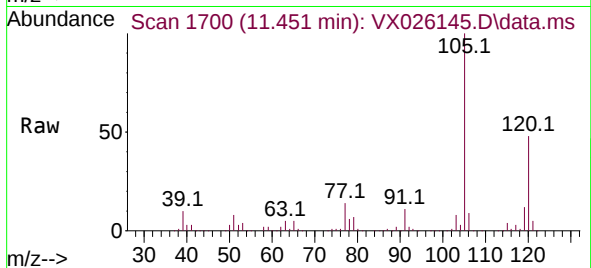
VSTD050750

Tgt Ion:105 Resp: 260869

Ion Ratio Lower Upper

105 100

120 48.7 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 56.817 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX026145.D

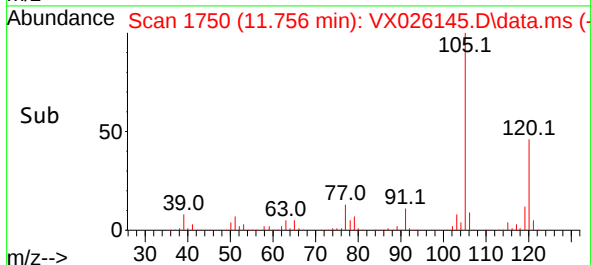
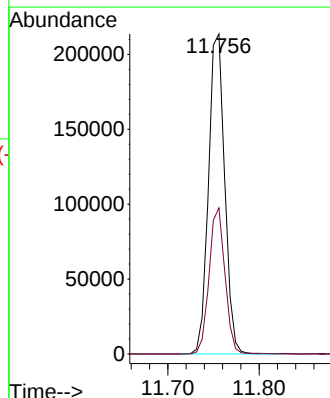
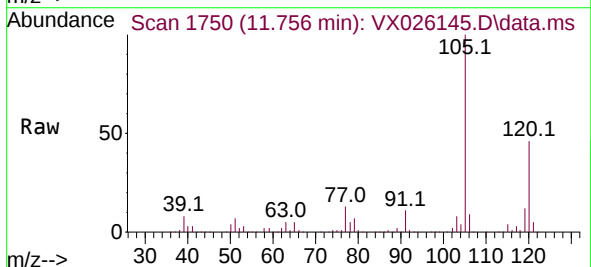
Acq: 29 Dec 2021 17:40

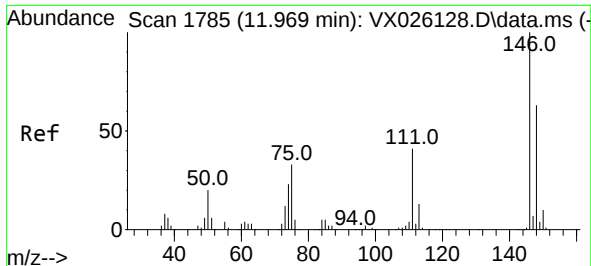
Tgt Ion:105 Resp: 262271

Ion Ratio Lower Upper

105 100

120 44.6 36.5 54.7

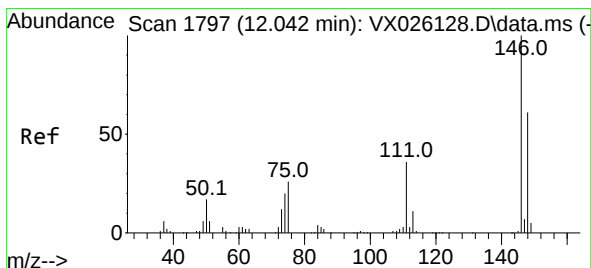
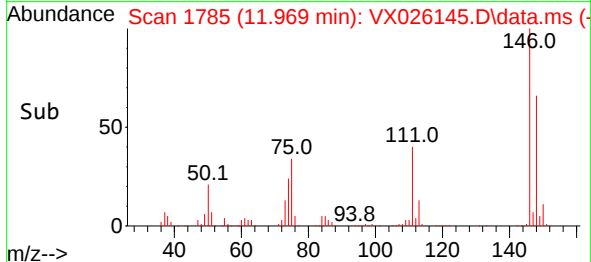
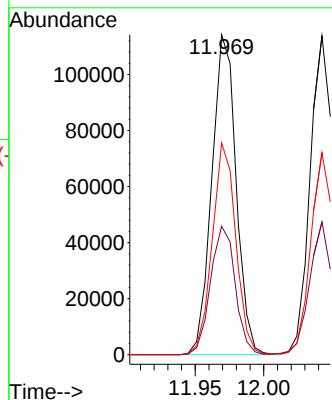
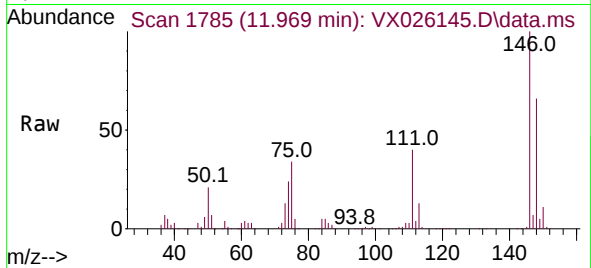




#64
1,3-Dichlorobenzene
Concen: 58.560 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX026145.D
Acq: 29 Dec 2021 17:40

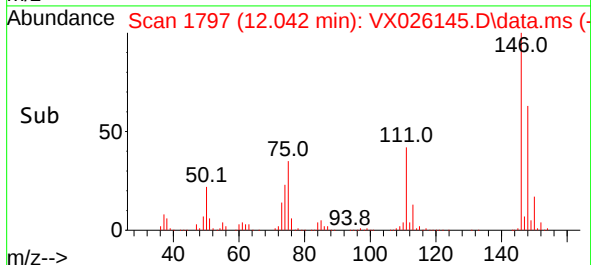
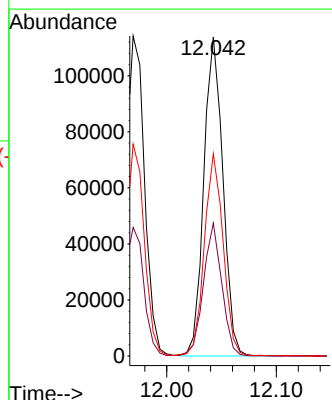
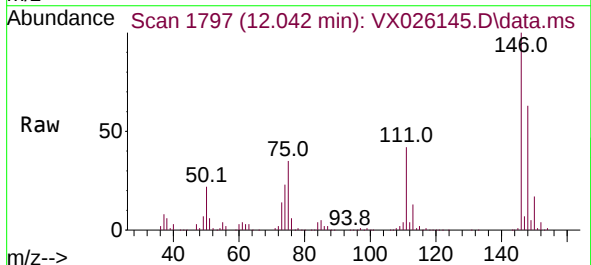
Instrument :
MSVOA_X
ClientSampleId :
VSTD050750

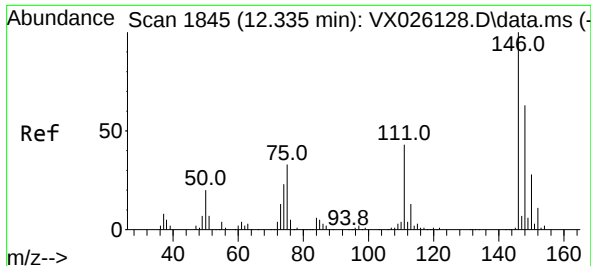
Tgt Ion:146 Resp: 140634
Ion Ratio Lower Upper
146 100
111 40.1 29.4 54.6
148 66.2 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 55.908 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX026145.D
Acq: 29 Dec 2021 17:40

Tgt Ion:146 Resp: 137574
Ion Ratio Lower Upper
146 100
111 41.7 27.4 51.0
148 63.4 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 58.538 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX026145.D

Acq: 29 Dec 2021 17:40

Instrument :

MSVOA_X

ClientSampleId :

VSTD050750

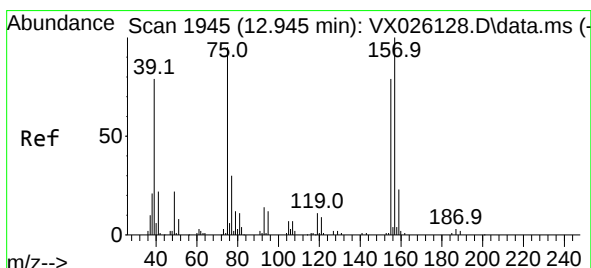
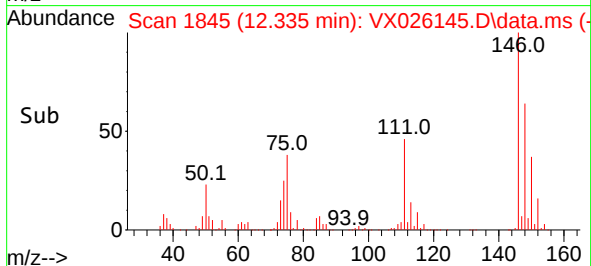
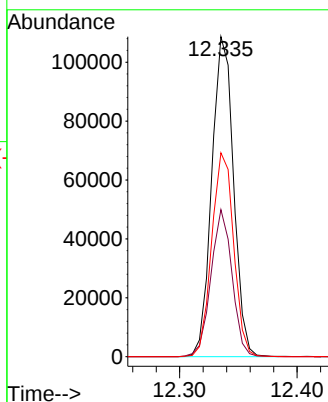
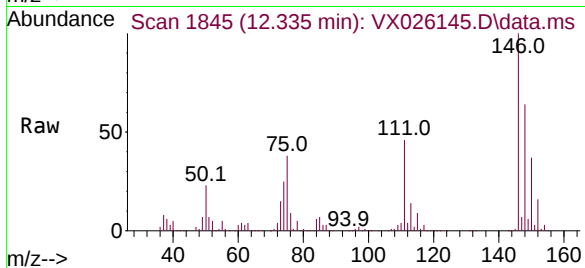
Tgt Ion:146 Resp: 140057

Ion Ratio Lower Upper

146 100

111 45.9 33.1 49.7

148 63.7 49.6 74.4



#68

1,2-Dibromo-3-chloropropane

Concen: 58.681 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX026145.D

Acq: 29 Dec 2021 17:40

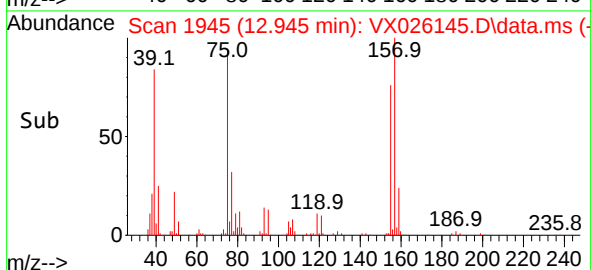
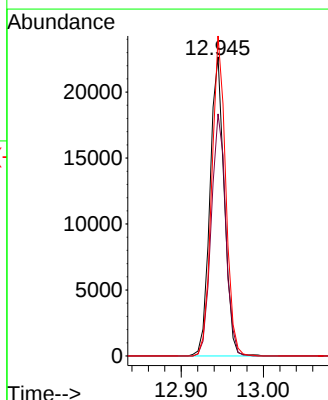
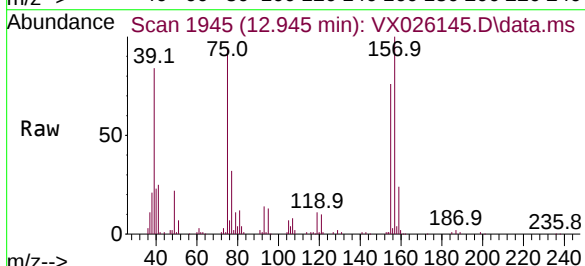
Tgt Ion: 75 Resp: 27425

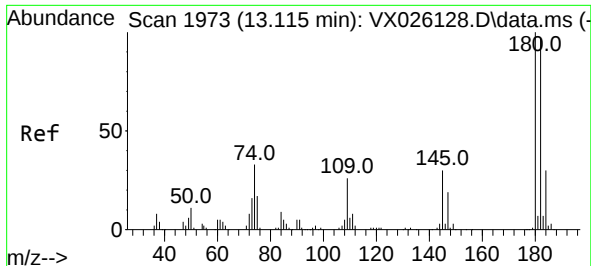
Ion Ratio Lower Upper

75 100

155 80.9 65.5 98.3

157 106.9 85.9 128.9

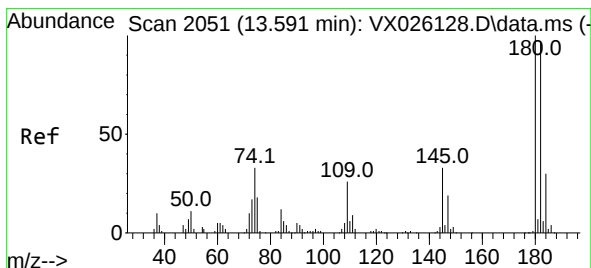
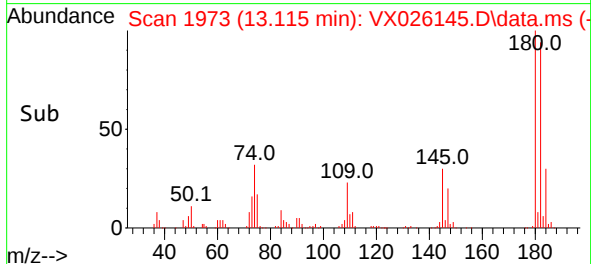
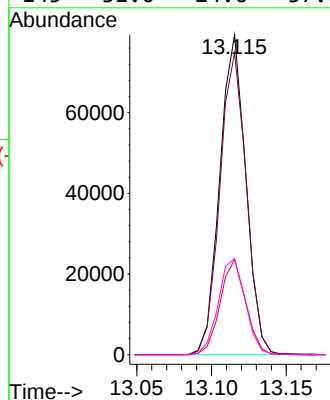
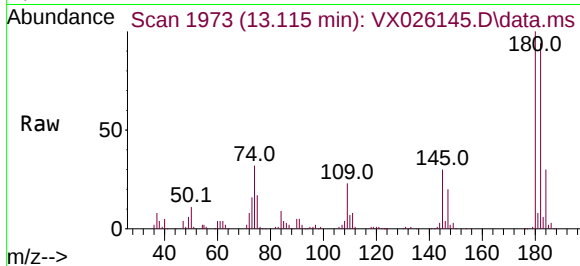




#69
 1,3,5-Trichlorobenzene
 Concen: 58.810 ug/L
 RT: 13.115 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VX026145.D
 Acq: 29 Dec 2021 17:40

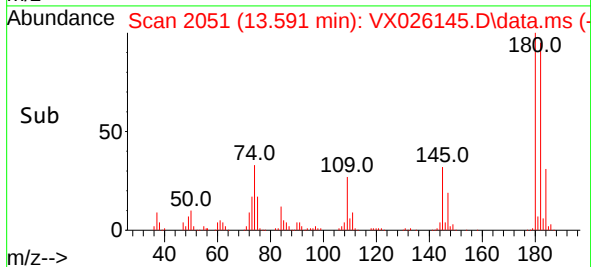
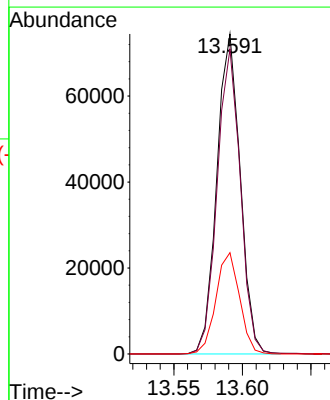
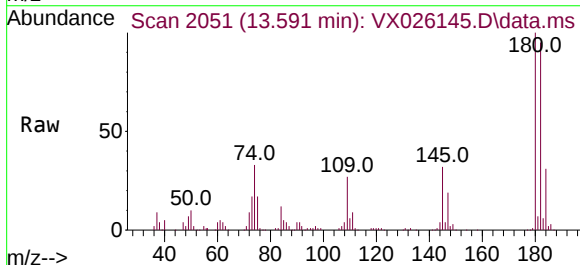
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050750

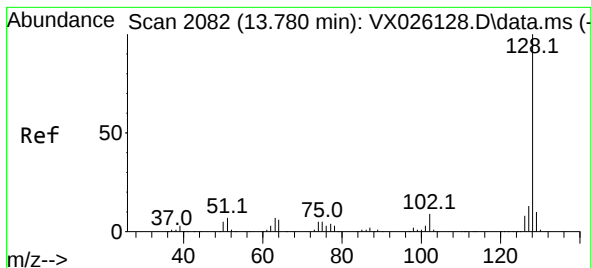
Tgt Ion:180 Resp: 95984
 Ion Ratio Lower Upper
 180 100
 182 95.6 75.4 113.2
 184 29.2 24.1 36.1
 145 31.0 24.6 37.0



#70
 1,2,4-trichlorobenzene
 Concen: 60.176 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX026145.D
 Acq: 29 Dec 2021 17:40

Tgt Ion:180 Resp: 88402
 Ion Ratio Lower Upper
 180 100
 182 94.3 74.8 112.2
 145 32.0 24.9 37.3





#71

Naphthalene

Concen: 61.345 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX026145.D

Acq: 29 Dec 2021 17:40

Instrument :

MSVOA_X

ClientSampleId :

VSTD050750

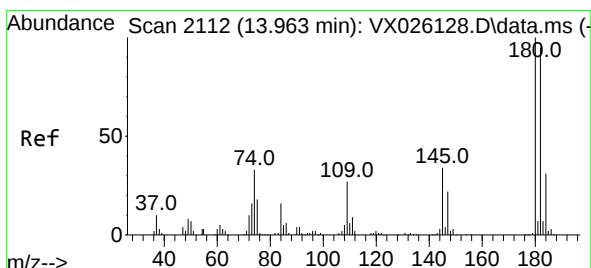
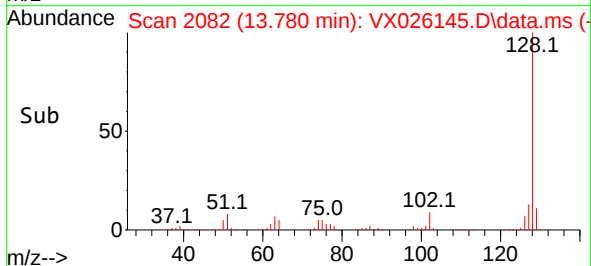
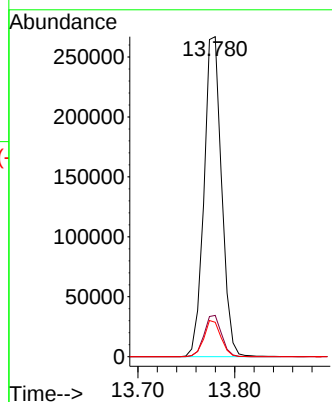
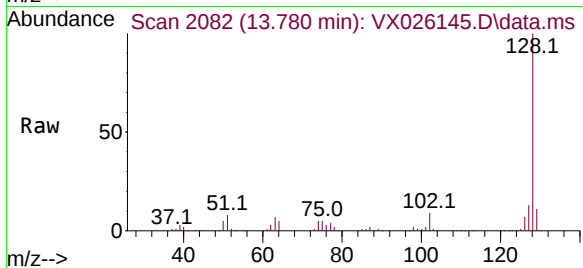
Tgt Ion:128 Resp: 338981

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 11.0 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 60.370 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX026145.D

Acq: 29 Dec 2021 17:40

Tgt Ion:180 Resp: 89994

Ion Ratio Lower Upper

180 100

182 95.1 76.6 115.0

145 34.3 26.6 39.8

