

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122921\
 Data File : VX026128.D
 Acq On : 29 Dec 2021 10:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050749

Quant Time: Dec 30 02:36:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 29 04:20:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	206256	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	181897	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	89532	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	88341	55.184	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 110.360%	
7) Chloroethane-d5	1.672	69	67733	58.202	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 116.400%	
11) 1,1-Dichloroethene-d2	2.312	63	158588	54.272	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 108.540%	
21) 2-Butanone-d5	4.458	46	128890	116.518	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 116.520%	
24) Chloroform-d	5.056	84	156808	57.678	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 115.360%	
26) 1,2-Dichloroethane-d4	5.958	65	104781	59.456	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 118.920%	
32) Benzene-d6	5.976	84	306901	58.522	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 117.040%	
36) 1,2-Dichloropropane-d6	7.312	67	95242	58.708	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 117.420%	
41) Toluene-d8	8.647	98	278969	58.329	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 116.660%	
43) trans-1,3-Dichloroprop...	8.952	79	47662	60.184	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 120.360%	
47) 2-Hexanone-d5	9.384	63	88725	117.266	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 117.270%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	126883	58.766	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 117.540%	
66) 1,2-Dichlorobenzene-d4	12.323	152	98921	57.921	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 115.840%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	91513	46.018	ug/L	100
3) Chloromethane	1.294	50	77161	44.582	ug/L	98
5) Vinyl chloride	1.374	62	77605	44.672	ug/L	100
6) Bromomethane	1.617	94	43935	43.438	ug/L	97
8) Chloroethane	1.691	64	45798	44.770	ug/L	100
9) Trichlorofluoromethane	1.892	101	121712	45.694	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	62416	46.180	ug/L	98
12) 1,1-Dichloroethene	2.325	96	56546	44.969	ug/L	95
13) Acetone	2.386	43	106359	101.527	ug/L	99
14) Carbon disulfide	2.514	76	177136	44.863	ug/L	100
15) Methyl Acetate	2.709	43	70626	42.843	ug/L	98
16) Methylene chloride	2.794	84	61445	43.872	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	58516	44.208	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	186758	44.133	ug/L	99
19) 1,1-Dichloroethane	3.617	63	109047	44.760	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	63789	44.035	ug/L	98
22) 2-Butanone	4.556	43	122293	88.722	ug/L	100
23) Bromochloromethane	4.903	128	32739	44.554	ug/L	98
25) Chloroform	5.099	83	118900	47.463	ug/L	100

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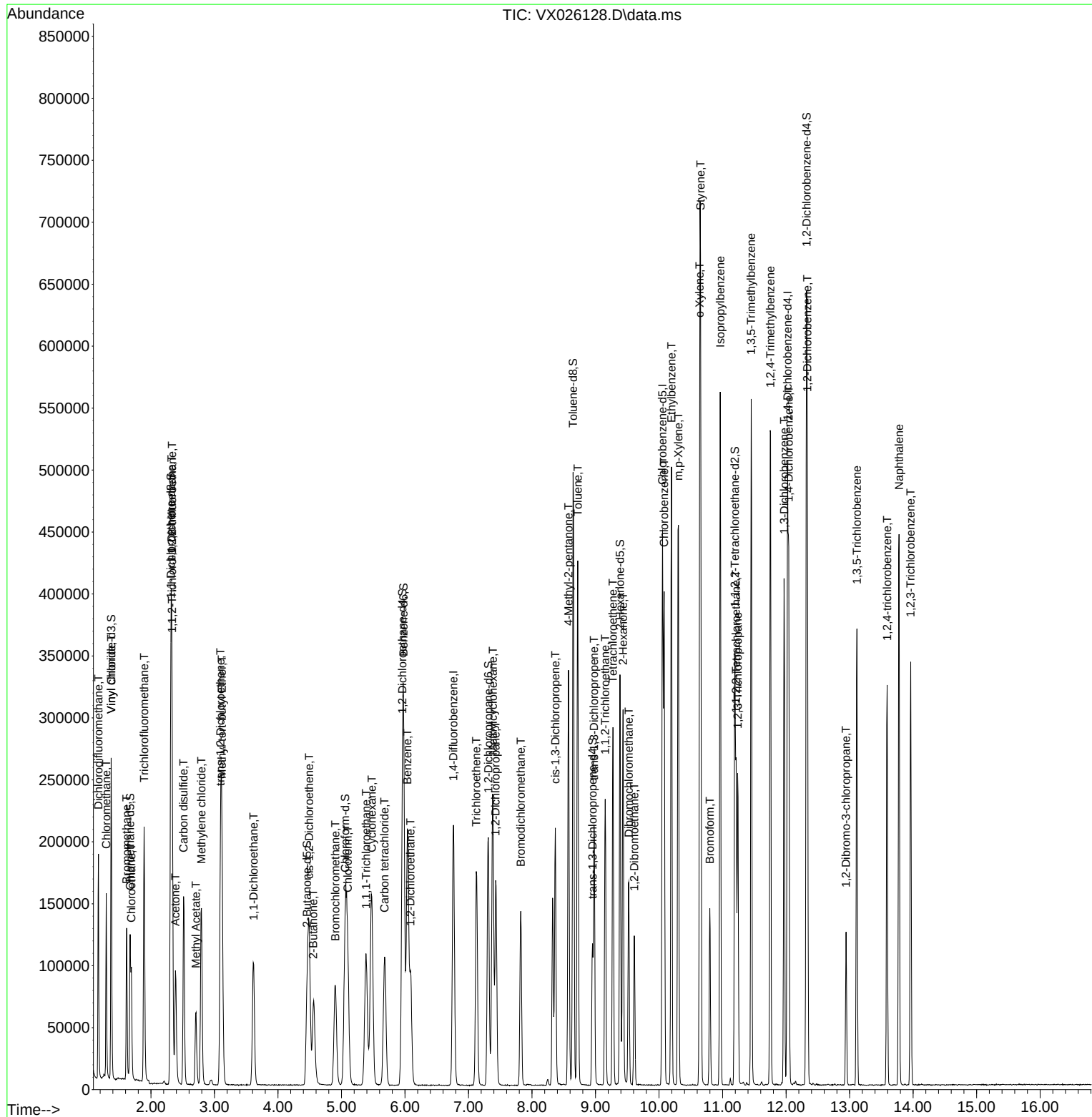
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	91750	45.086	ug/L	98
29) Cyclohexane	5.477	56	104660	45.720	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	99986	45.150	ug/L	99
31) Carbon tetrachloride	5.678	117	90329	45.346	ug/L	99
33) Benzene	6.037	78	241631	44.991	ug/L	100
34) Trichloroethene	7.123	95	64384	45.531	ug/L	97
35) Methylcyclohexane	7.385	83	102513	47.002	ug/L	99
37) 1,2-Dichloropropane	7.427	63	62419	45.144	ug/L	99
38) Bromodichloromethane	7.824	83	87976	45.798	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	96842	45.418	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	194077	86.991	ug/L	99
42) Toluene	8.720	91	259648	45.390	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	93287	45.664	ug/L	96
45) 1,1,2-Trichloroethane	9.153	97	58204	44.120	ug/L	99
46) Tetrachloroethene	9.275	164	48474	46.373	ug/L	99
48) 2-Hexanone	9.433	43	164600	89.583	ug/L	100
49) Dibromochloromethane	9.525	129	68011	45.168	ug/L	97
50) 1,2-Dibromoethane	9.610	107	62334	44.390	ug/L	95
51) Chlorobenzene	10.079	112	156957	44.506	ug/L	97
52) Ethylbenzene	10.195	91	273759	45.525	ug/L	99
53) m,p-Xylene	10.305	106	105634	46.027	ug/L	99
54) o-Xylene	10.640	106	100837	45.229	ug/L	95
55) Styrene	10.652	104	173327	45.289	ug/L	90
57) 1,1,2,2-Tetrachloroethane	11.213	83	90698	43.777	ug/L	99
59) Bromoform	10.799	173	47565	44.011	ug/L	100
60) Isopropylbenzene	10.963	105	270718	45.089	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	74714	43.913	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	228463	45.699	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	229146	45.460	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	118066	45.022	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	120175	44.724	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	118057	45.187	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	21657	42.436	ug/L	98
69) 1,3,5-Trichlorobenzene	13.115	180	81511	45.736	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	72869	45.425	ug/L	99
71) Naphthalene	13.780	128	266929	44.237	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	73101	44.908	ug/L	99

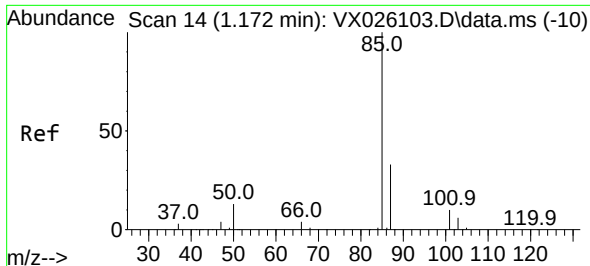
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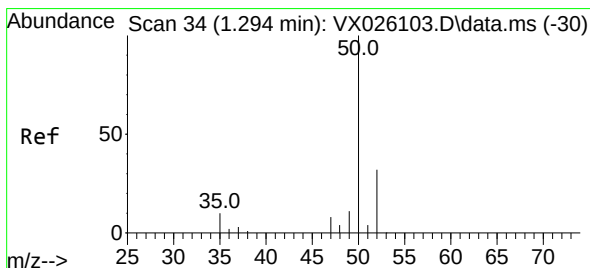
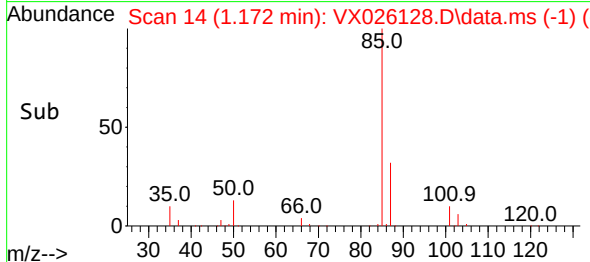
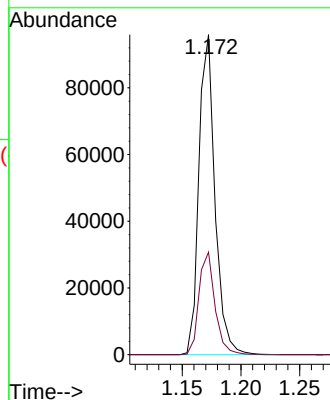
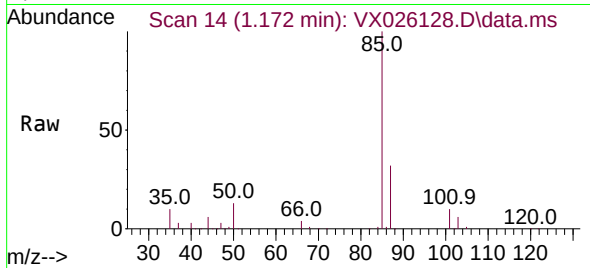




#2
 Dichlorodifluoromethane
 Concen: 46.018 ug/L
 RT: 1.172 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VX026128.D
 Acq: 29 Dec 2021 10:31

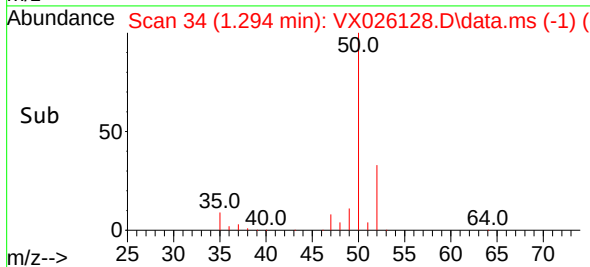
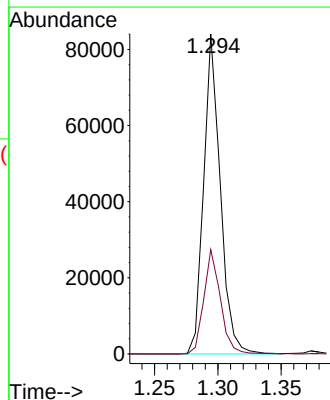
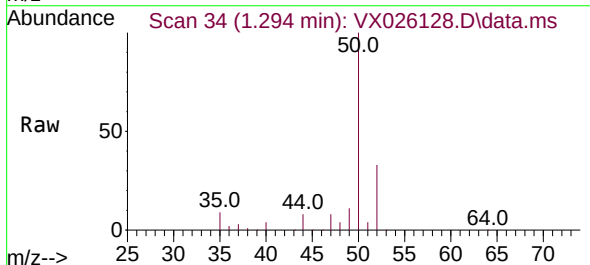
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050749

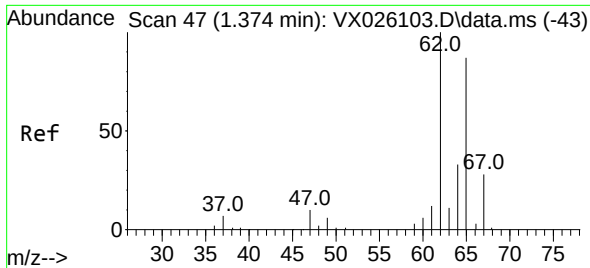
Tgt Ion: 85 Resp: 91513
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.7 38.5



#3
 Chloromethane
 Concen: 44.582 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX026128.D
 Acq: 29 Dec 2021 10:31

Tgt Ion: 50 Resp: 77161
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.7 43.9

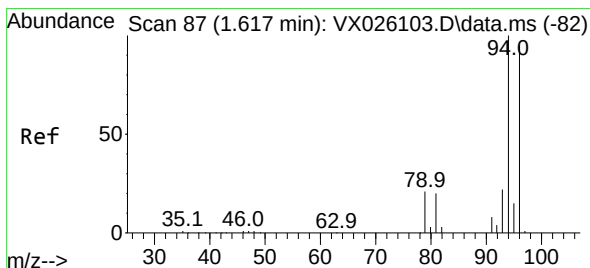
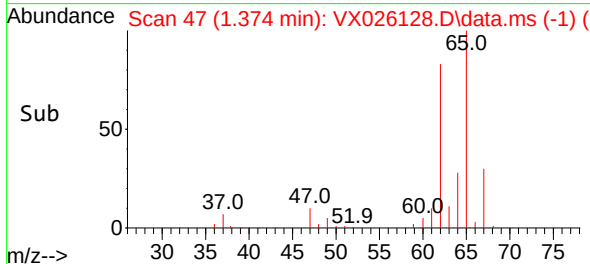
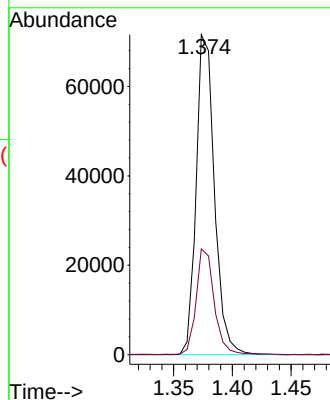
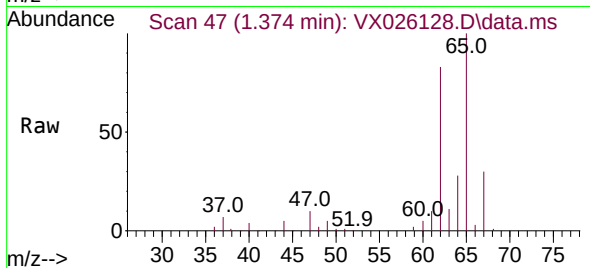




#5
 Vinyl chloride
 Concen: 44.672 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX026128.D
 Acq: 29 Dec 2021 10:31

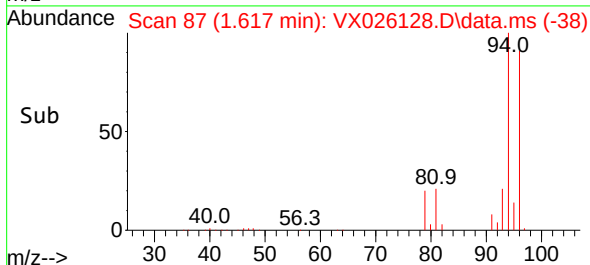
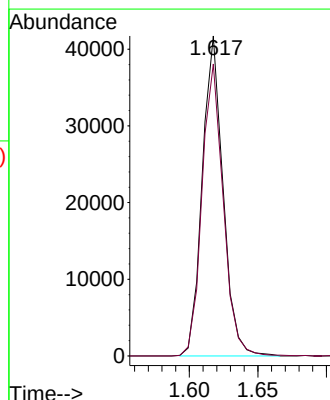
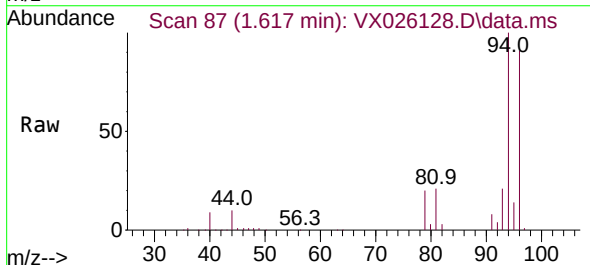
Instrument :
 MSVOA_X
 ClientSampleId :
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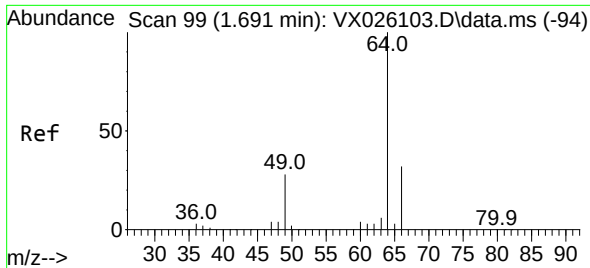
Tgt Ion: 62 Resp: 77605
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.2 43.2



#6
 Bromomethane
 Concen: 43.438 ug/L
 RT: 1.617 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX026128.D
 Acq: 29 Dec 2021 10:31

Tgt Ion: 94 Resp: 43935
 Ion Ratio Lower Upper
 94 100
 96 91.2 65.8 122.2

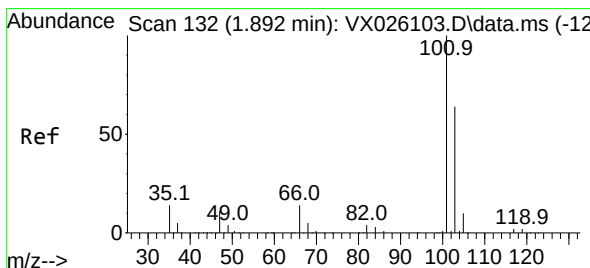
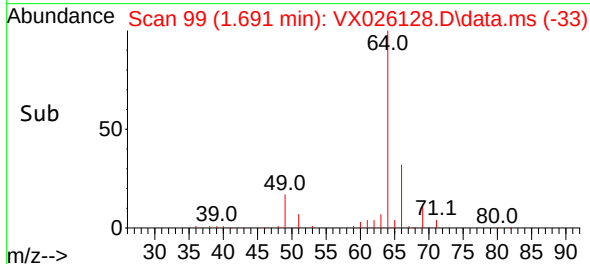
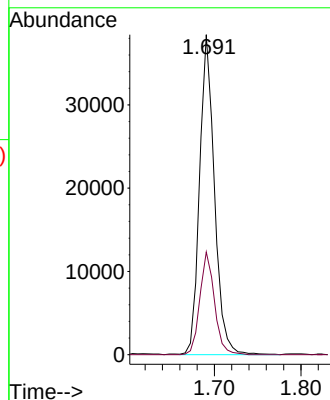
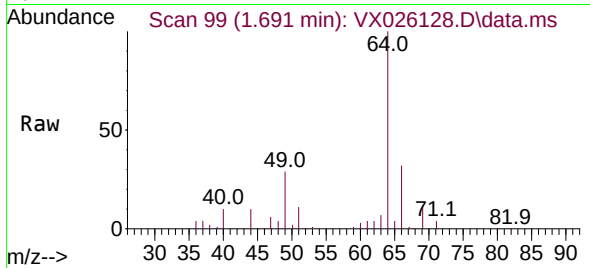




#8
Chloroethane
Concen: 44.770 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX026128.D
Acq: 29 Dec 2021 10:31

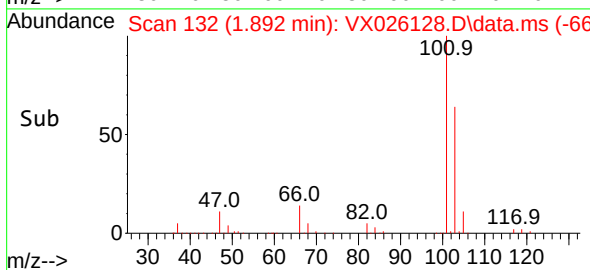
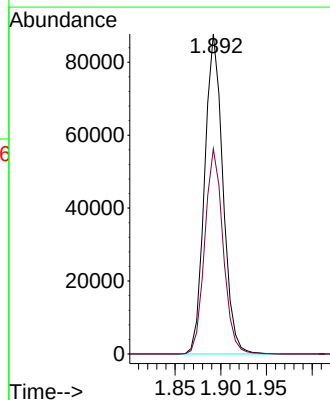
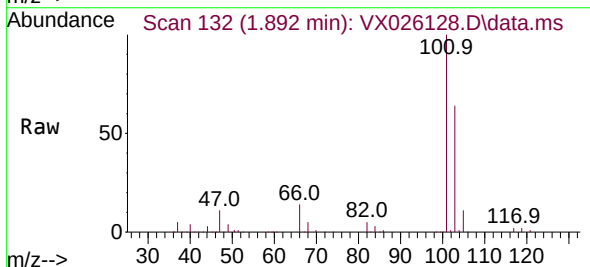
Instrument :
MSVOA_X
ClientSampleId :
VSTD050749

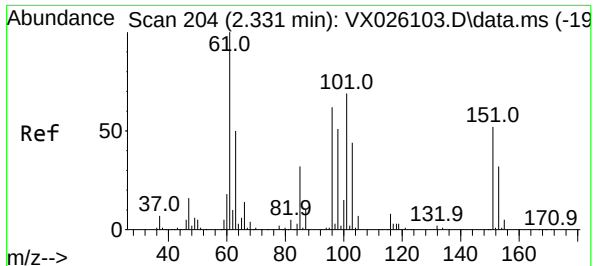
Tgt Ion: 64 Resp: 45798
Ion Ratio Lower Upper
64 100
66 32.1 22.5 41.7



#9
Trichlorofluoromethane
Concen: 45.694 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.000 min
Lab File: VX026128.D
Acq: 29 Dec 2021 10:31

Tgt Ion: 101 Resp: 121712
Ion Ratio Lower Upper
101 100
103 64.2 51.2 76.8





#10

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

Concen: 46.180 ug/L

RT: 2.331 min Scan# 204

Delta R.T. 0.000 min

Lab File: VX026128.D

Acq: 29 Dec 2021 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTD050749

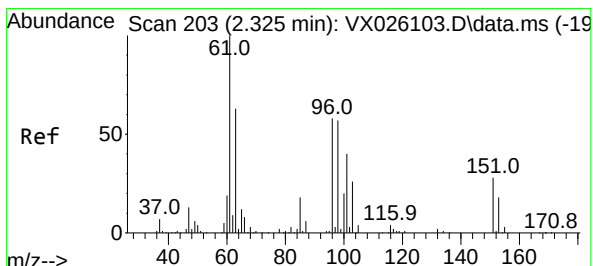
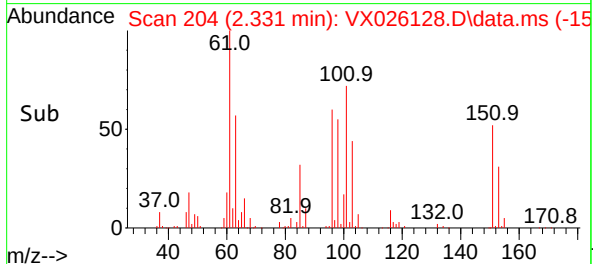
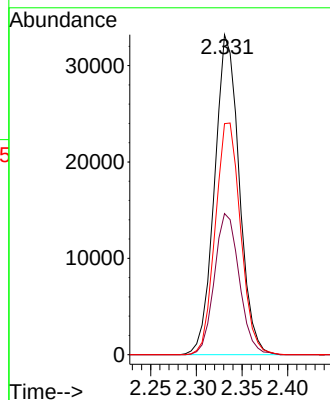
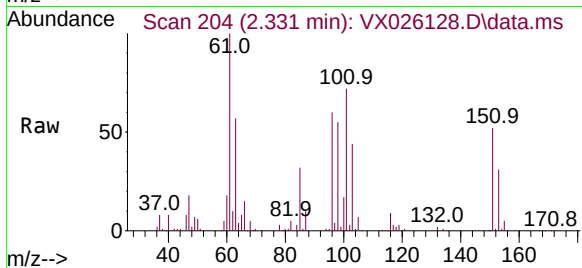
Tgt Ion:101 Resp: 62416

Ion Ratio Lower Upper

101 100

85 44.5 36.6 55.0

151 74.3 58.5 87.7



#12

1,1-Dichloroethene

Concen: 44.969 ug/L

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX026128.D

Acq: 29 Dec 2021 10:31

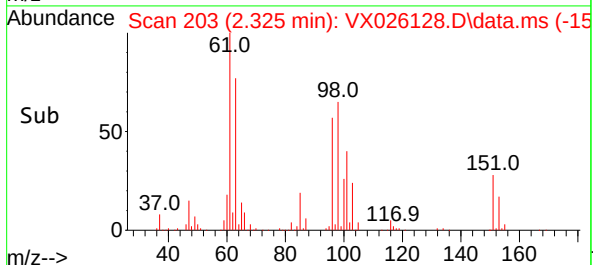
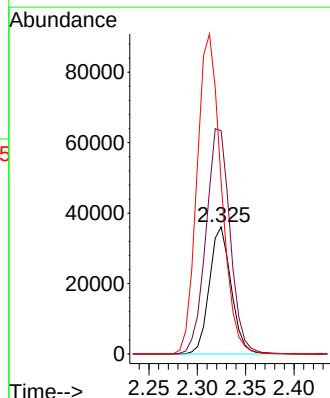
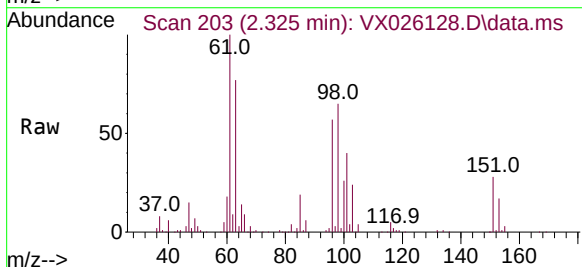
Tgt Ion: 96 Resp: 56546

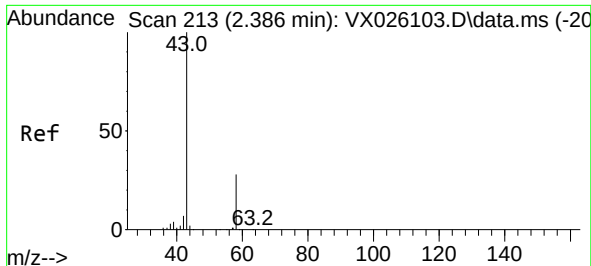
Ion Ratio Lower Upper

96 100

61 175.6 121.6 225.8

63 135.2 86.7 161.1





#13

Acetone

Concen: 101.527 ug/L

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

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Acq: 29 Dec 2021 10:31

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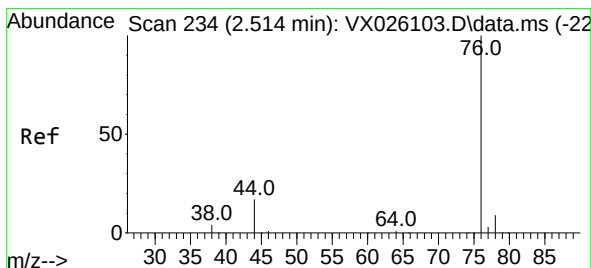
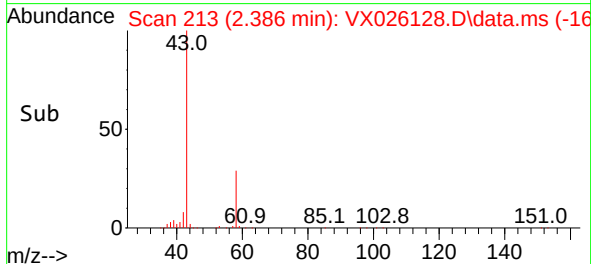
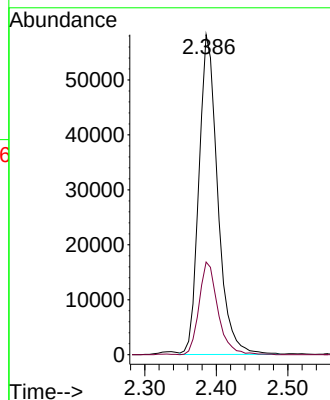
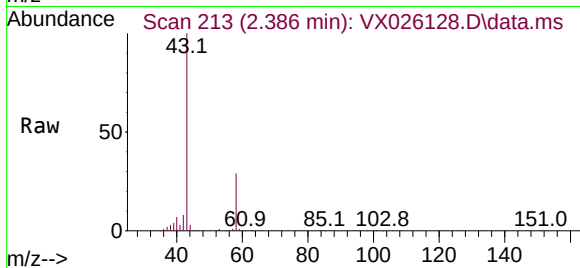
VSTD050749

Tgt Ion: 43 Resp: 106359

Ion Ratio Lower Upper

43 100

58 28.6 0.0 58.2



#14

Carbon disulfide

Concen: 44.863 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX026128.D

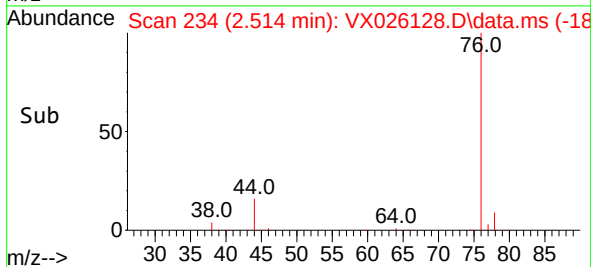
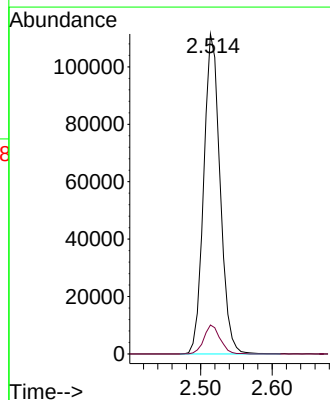
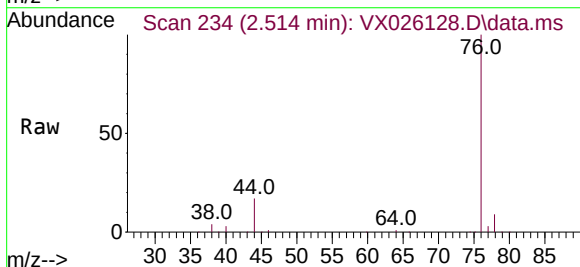
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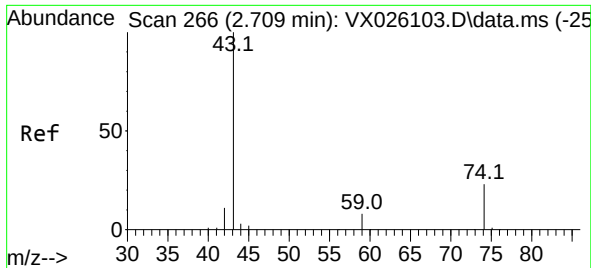
Tgt Ion: 76 Resp: 177136

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7

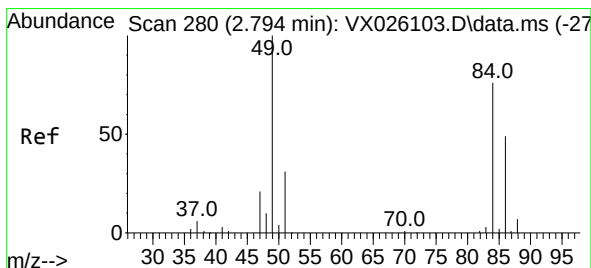
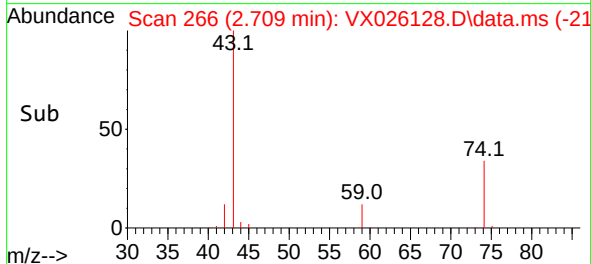
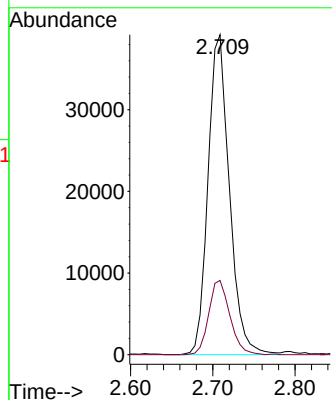
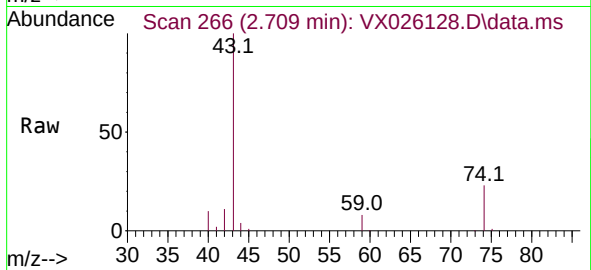




#15
Methyl Acetate
Concen: 42.843 ug/L
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX026128.D
Acq: 29 Dec 2021 10:31

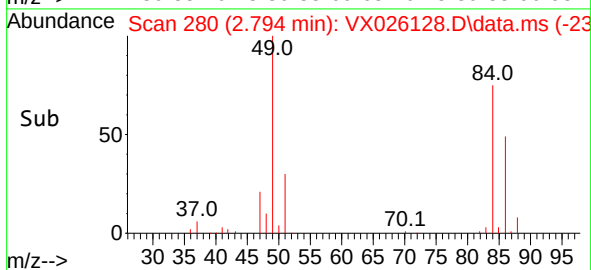
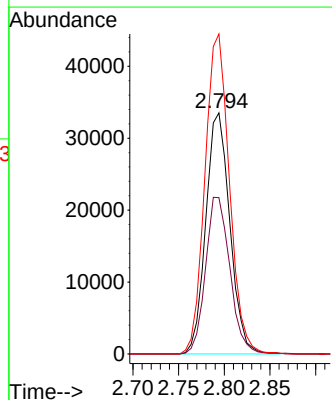
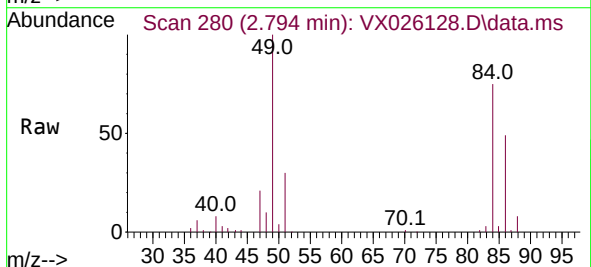
Instrument :
MSVOA_X
ClientSampleId :
VSTD050749

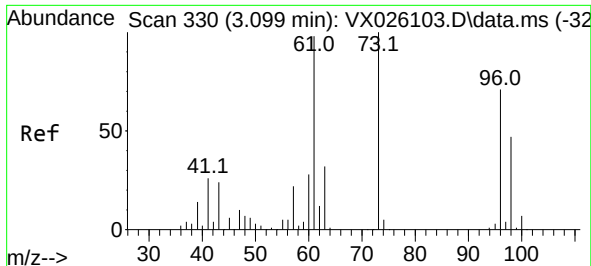
Tgt Ion: 43 Resp: 70626
Ion Ratio Lower Upper
43 100
74 23.0 17.8 26.6



#16
Methylene chloride
Concen: 43.872 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026128.D
Acq: 29 Dec 2021 10:31

Tgt Ion: 84 Resp: 61445
Ion Ratio Lower Upper
84 100
86 64.8 44.6 82.8
49 132.7 89.6 166.4

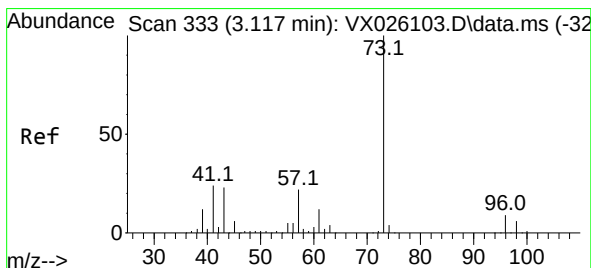
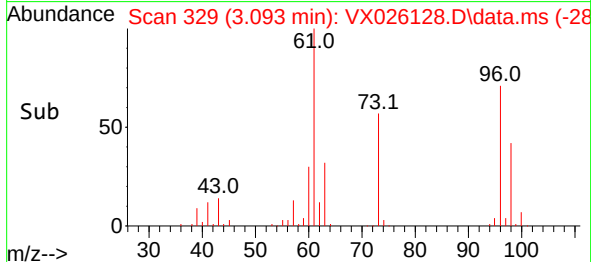
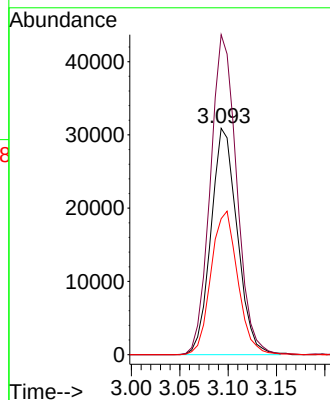
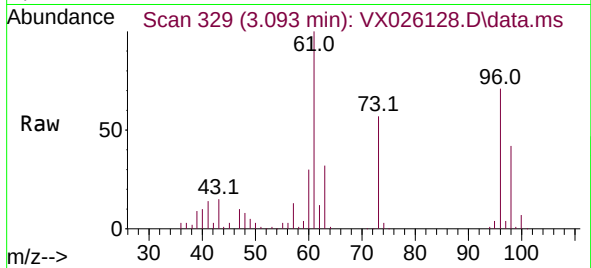




#17
trans-1,2-Dichloroethene
Concen: 44.208 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX026128.D
Acq: 29 Dec 2021 10:31

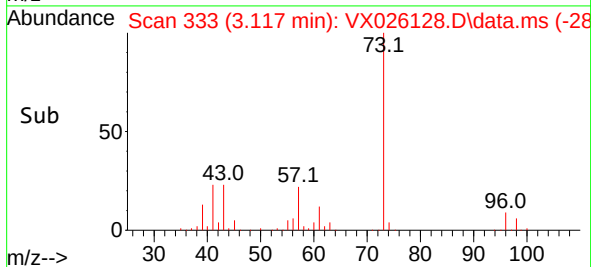
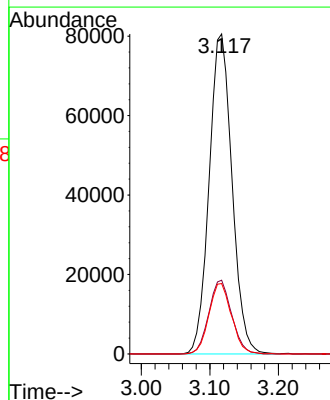
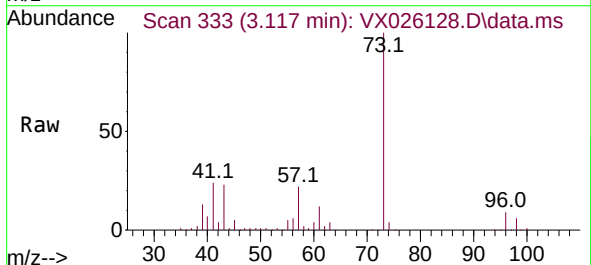
Instrument :
MSVOA_X
ClientSampleId :
VSTD050749

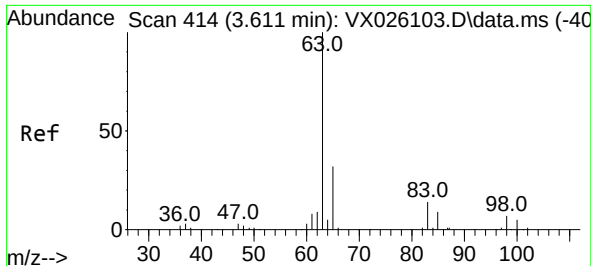
Tgt Ion: 96 Resp: 58516
Ion Ratio Lower Upper
96 100
61 141.3 98.6 183.2
98 60.0 44.9 83.3



#18
Methyl tert-butyl Ether
Concen: 44.133 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX026128.D
Acq: 29 Dec 2021 10:31

Tgt Ion: 73 Resp: 186758
Ion Ratio Lower Upper
73 100
43 23.0 17.9 26.9
57 21.8 17.8 26.6





#19

1,1-Dichloroethane

Concen: 44.760 ug/L

RT: 3.617 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX026128.D

Acq: 29 Dec 2021 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTD050749

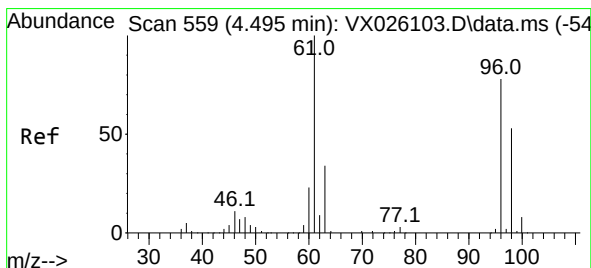
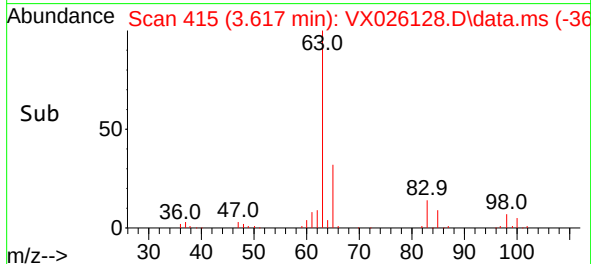
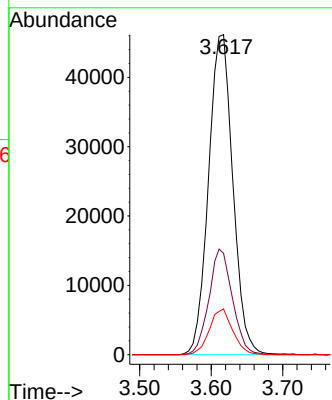
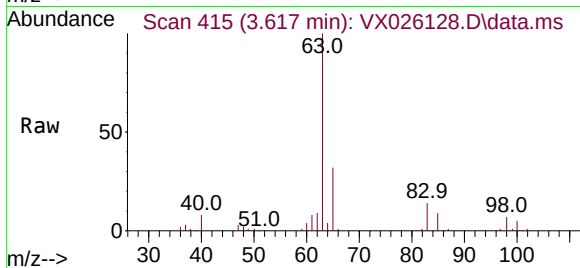
Tgt Ion: 63 Resp: 109047

Ion Ratio Lower Upper

63 100

65 31.7 21.8 40.6

83 14.3 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 44.035 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX026128.D

Acq: 29 Dec 2021 10:31

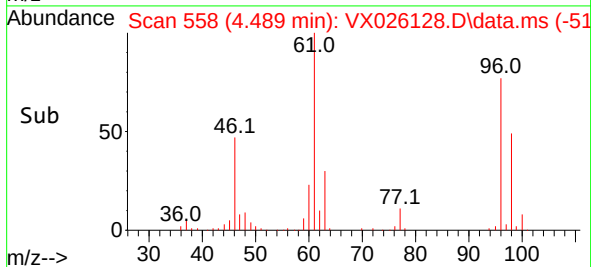
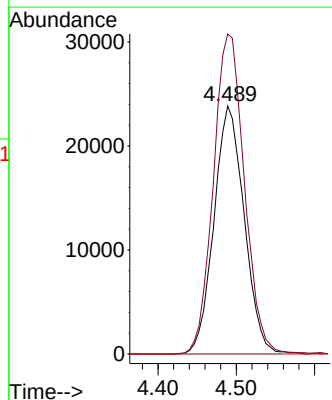
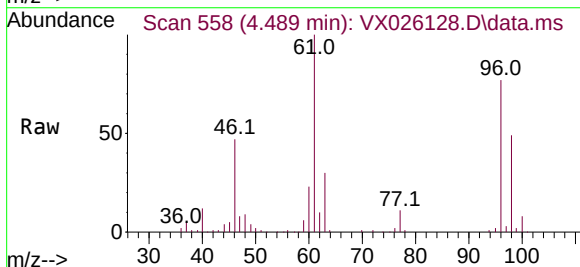
Tgt Ion: 96 Resp: 63789

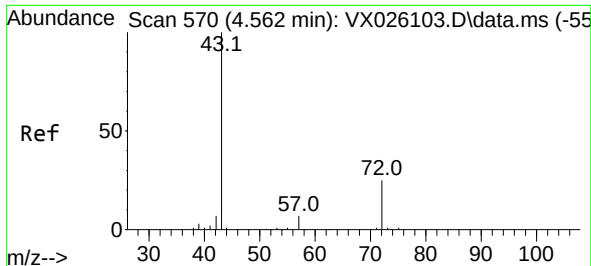
Ion Ratio Lower Upper

96 100

61 129.1 88.8 165.0

68 0.0 0.0 0.0

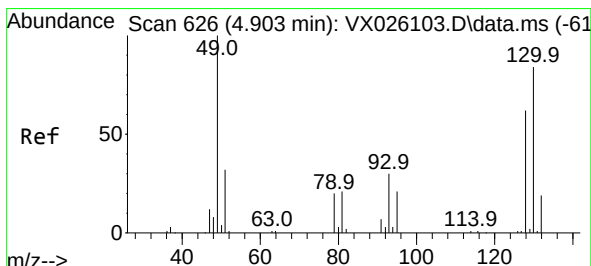
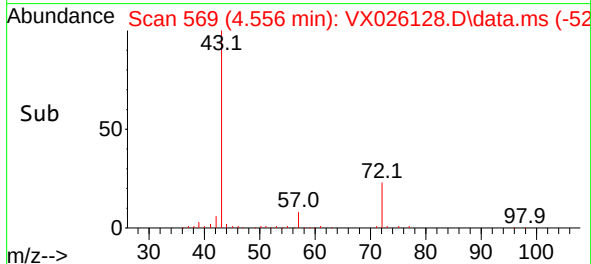
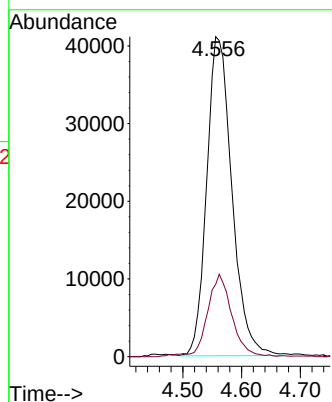
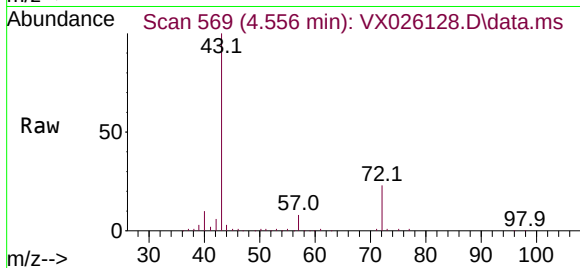




#22
2-Butanone
Concen: 88.722 ug/L
RT: 4.556 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX026128.D
Acq: 29 Dec 2021 10:31

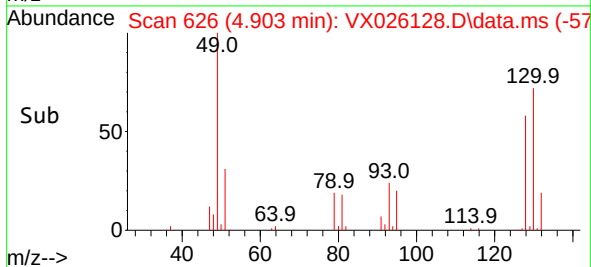
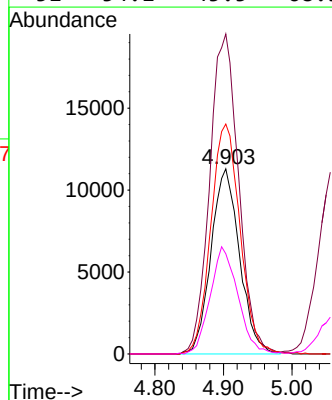
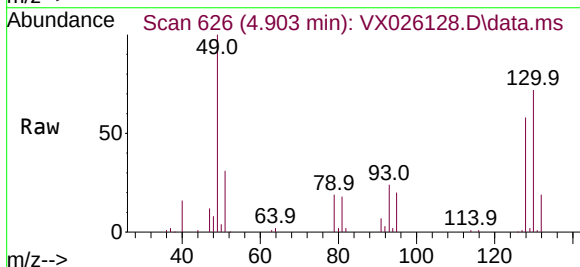
Instrument :
MSVOA_X
ClientSampleId :
VSTD050749

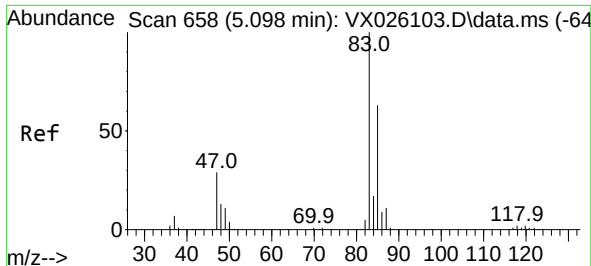
Tgt Ion: 43 Resp: 122293
Ion Ratio Lower Upper
43 100
72 24.1 12.0 36.1



#23
Bromochloromethane
Concen: 44.554 ug/L
RT: 4.903 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX026128.D
Acq: 29 Dec 2021 10:31

Tgt Ion:128 Resp: 32739
Ion Ratio Lower Upper
128 100
49 172.8 119.8 222.4
130 124.2 89.2 165.6
51 54.1 45.5 68.3





#25

Chloroform

Concen: 47.463 ug/L

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX026128.D

Acq: 29 Dec 2021 10:31

Instrument :

MSVOA_X

ClientSampleId :

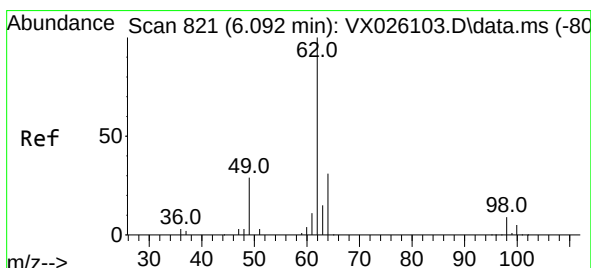
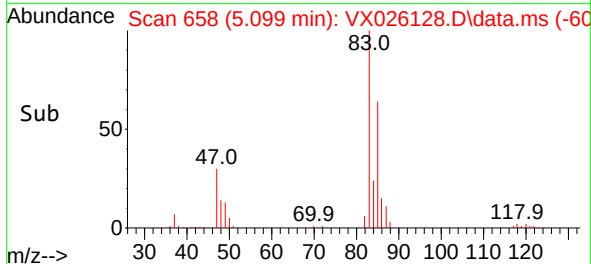
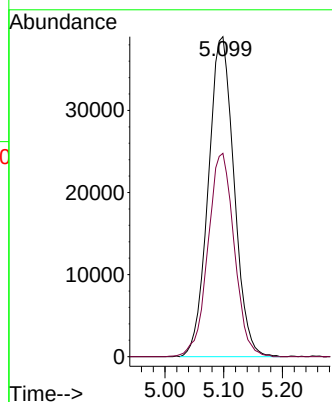
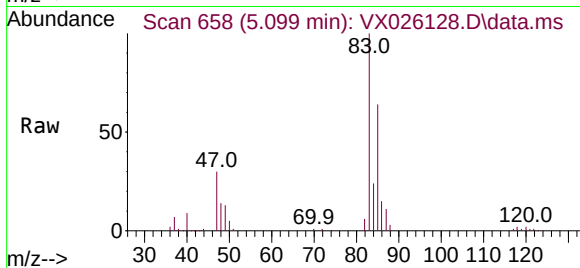
VSTD050749

Tgt Ion: 83 Resp: 118900

Ion Ratio Lower Upper

83 100

85 63.6 44.5 82.7



#27

1,2-Dichloroethane

Concen: 45.086 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.006 min

Lab File: VX026128.D

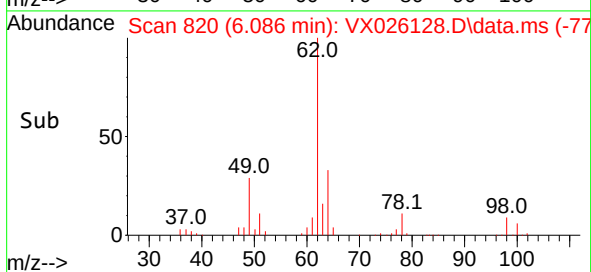
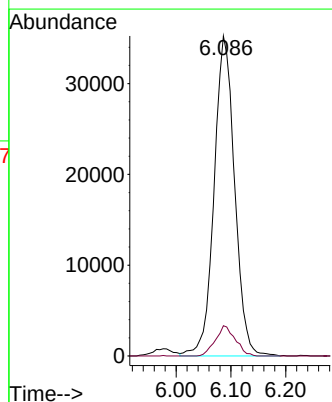
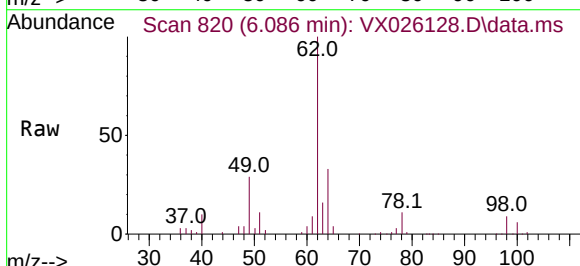
Acq: 29 Dec 2021 10:31

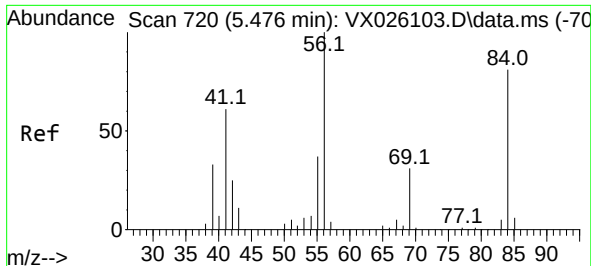
Tgt Ion: 62 Resp: 91750

Ion Ratio Lower Upper

62 100

98 9.5 8.1 12.1

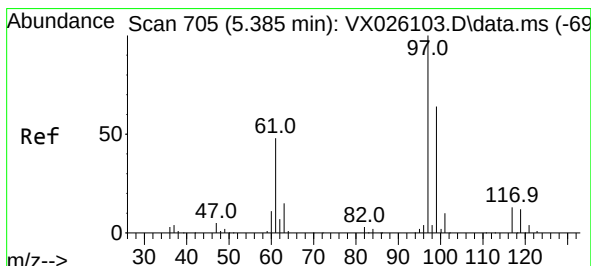
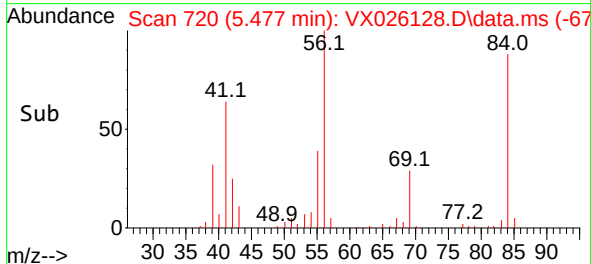
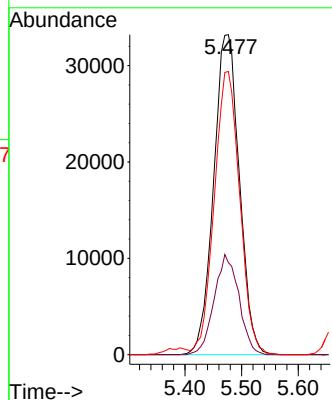
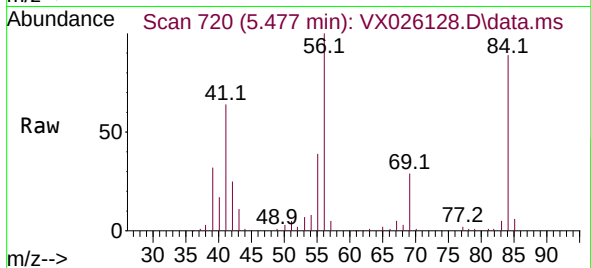




#29
Cyclohexane
Concen: 45.720 ug/L
RT: 5.477 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX026128.D
Acq: 29 Dec 2021 10:31

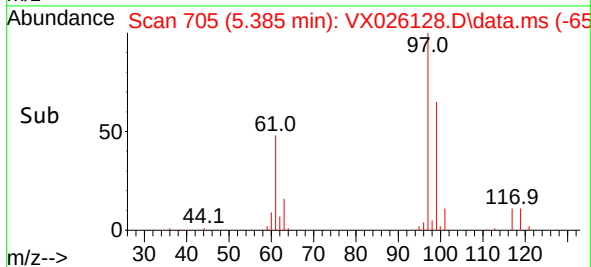
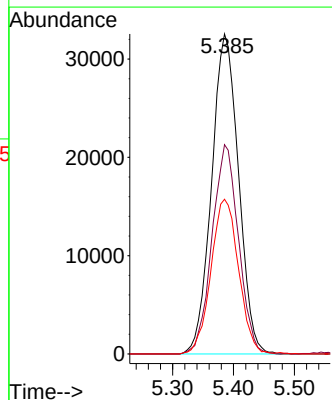
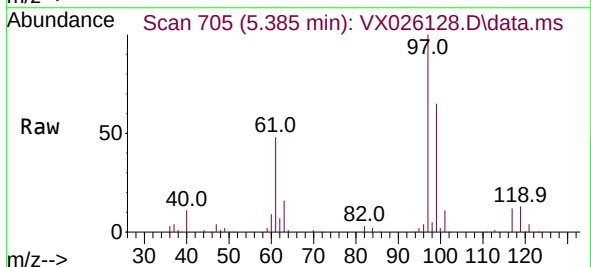
Instrument :
MSVOA_X
ClientSampleId :
VSTD050749

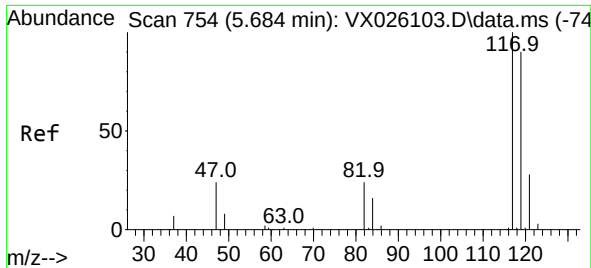
Tgt Ion: 56 Resp: 104660
Ion Ratio Lower Upper
56 100
69 30.0 23.9 35.9
84 86.6 69.4 104.2



#30
1,1,1-Trichloroethane
Concen: 45.150 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX026128.D
Acq: 29 Dec 2021 10:31

Tgt Ion: 97 Resp: 99986
Ion Ratio Lower Upper
97 100
99 64.1 51.6 77.4
61 49.5 38.3 57.5

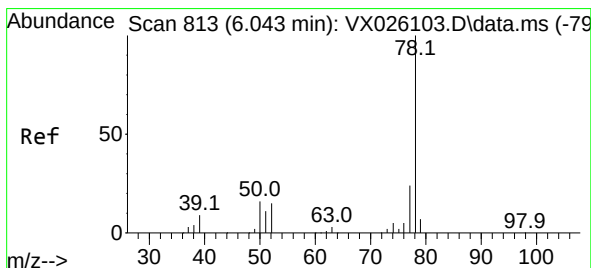
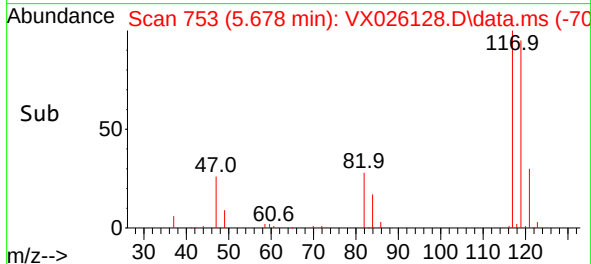
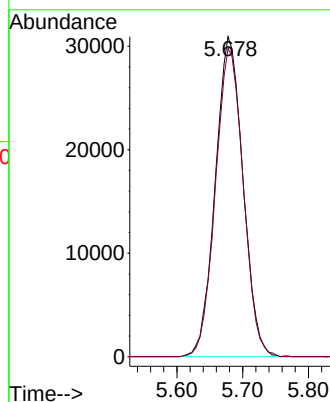
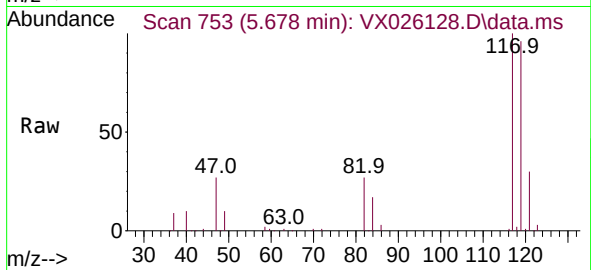




#31
Carbon tetrachloride
Concen: 45.346 ug/L
RT: 5.678 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026128.D
Acq: 29 Dec 2021 10:31

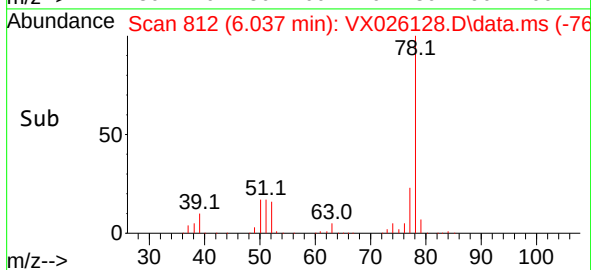
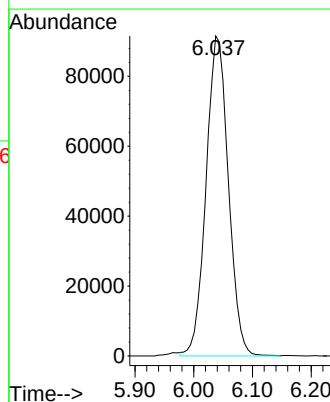
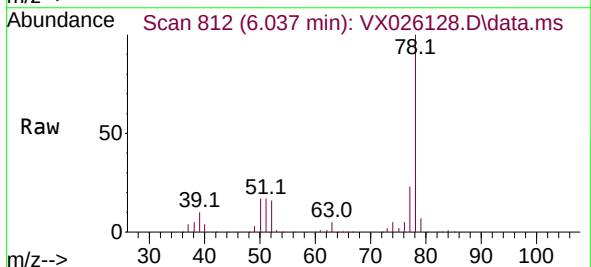
Instrument :
MSVOA_X
ClientSampleId :
VSTD050749

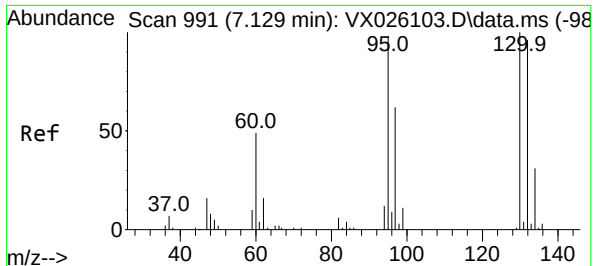
Tgt Ion:117 Resp: 90329
Ion Ratio Lower Upper
117 100
119 96.9 76.7 115.1



#33
Benzene
Concen: 44.991 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX026128.D
Acq: 29 Dec 2021 10:31

Tgt Ion: 78 Resp: 241631

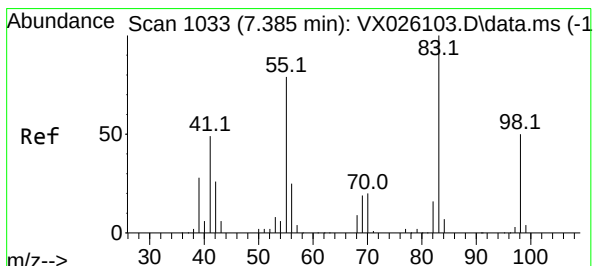
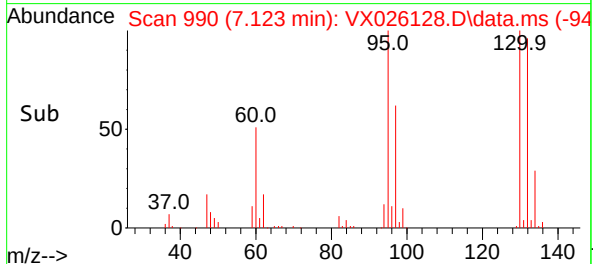
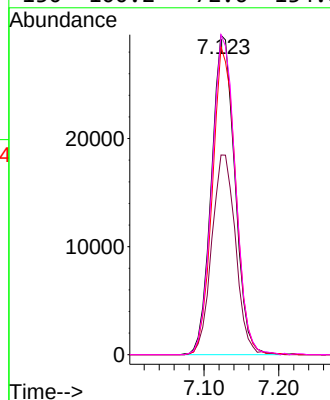
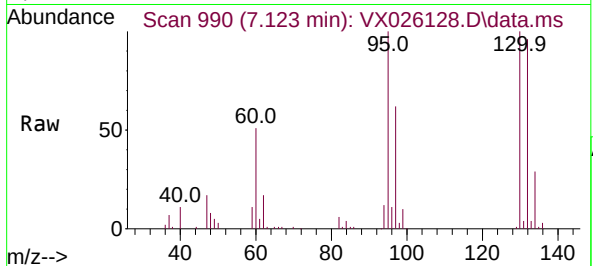




#34
Trichloroethene
Concen: 45.531 ug/L
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX026128.D
Acq: 29 Dec 2021 10:31

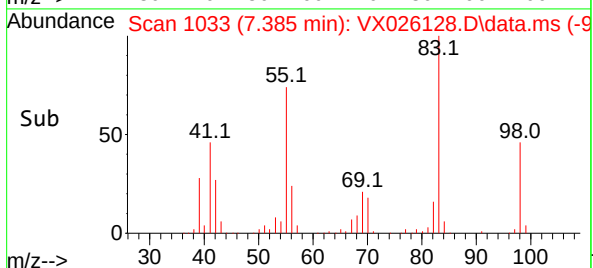
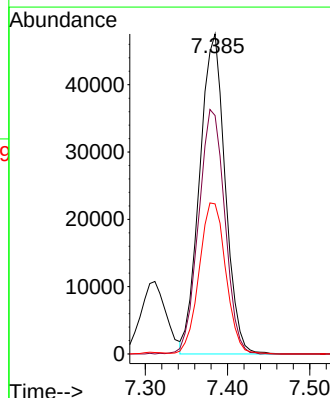
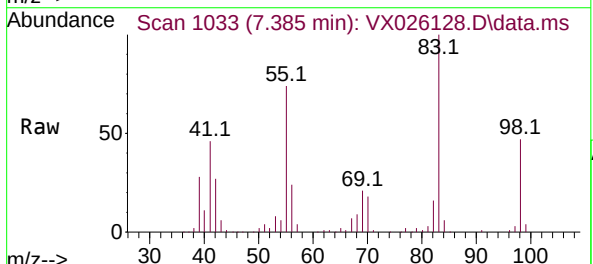
Instrument :
MSVOA_X
ClientSampleId :
VSTD050749

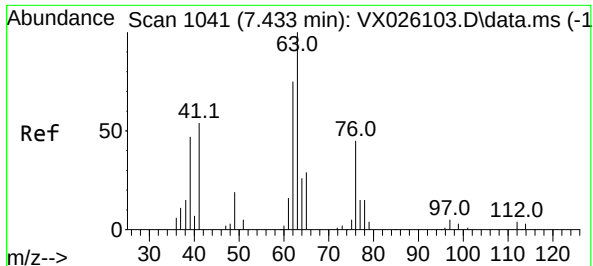
Tgt Ion: 95 Resp: 64384
Ion Ratio Lower Upper
95 100
97 62.5 46.3 85.9
132 96.4 68.7 127.7
130 100.2 72.6 134.8



#35
Methylcyclohexane
Concen: 47.002 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX026128.D
Acq: 29 Dec 2021 10:31

Tgt Ion: 83 Resp: 102513
Ion Ratio Lower Upper
83 100
55 78.4 62.9 94.3
98 49.3 40.6 61.0





#37

1,2-Dichloropropane

Concen: 45.144 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VX026128.D

Acq: 29 Dec 2021 10:31

Instrument :

MSVOA_X

ClientSampleId :

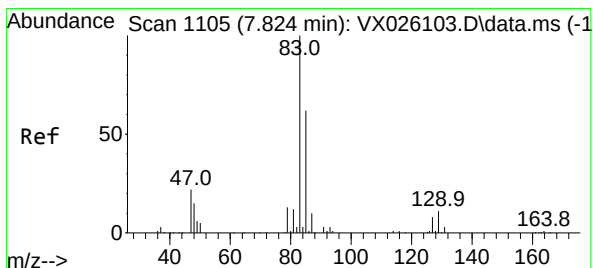
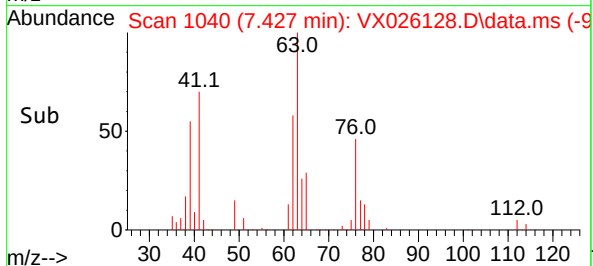
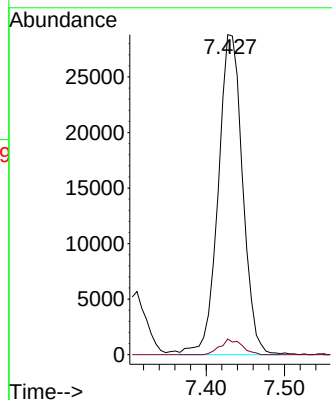
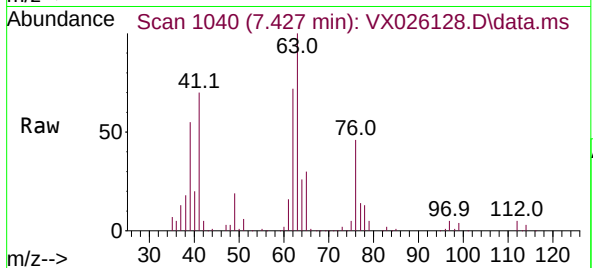
VSTD050749

Tgt Ion: 63 Resp: 62419

Ion Ratio Lower Upper

63 100

112 4.3 3.7 5.5



#38

Bromodichloromethane

Concen: 45.798 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX026128.D

Acq: 29 Dec 2021 10:31

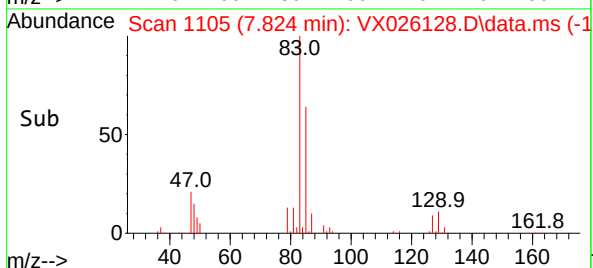
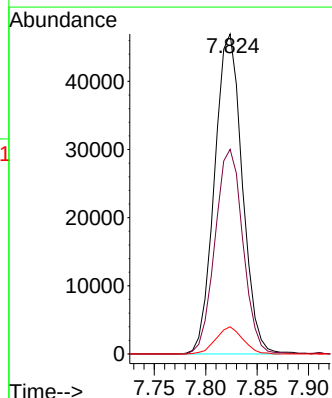
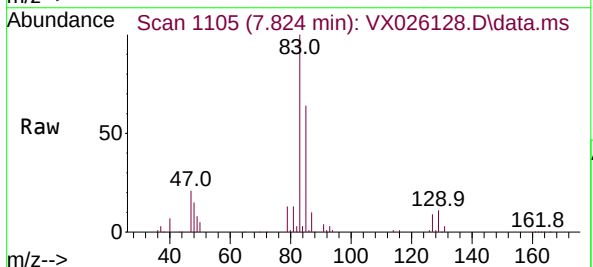
Tgt Ion: 83 Resp: 87976

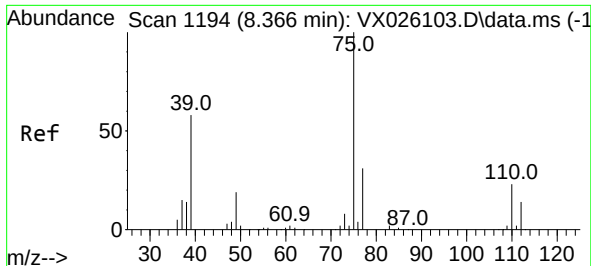
Ion Ratio Lower Upper

83 100

85 64.0 44.8 83.2

127 8.5 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 45.418 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX026128.D

Acq: 29 Dec 2021 10:31

Instrument :

MSVOA_X

ClientSampleId :

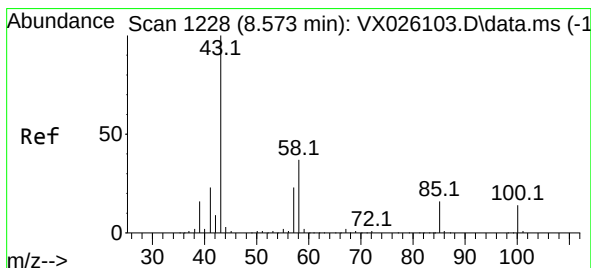
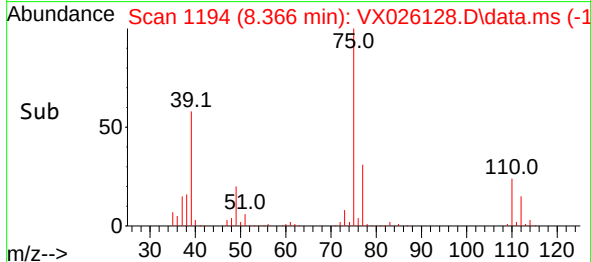
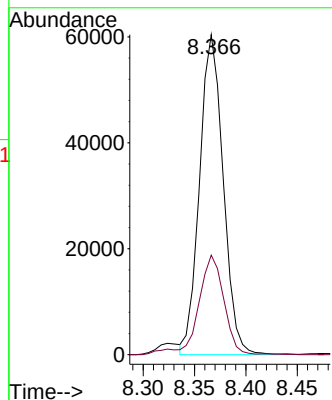
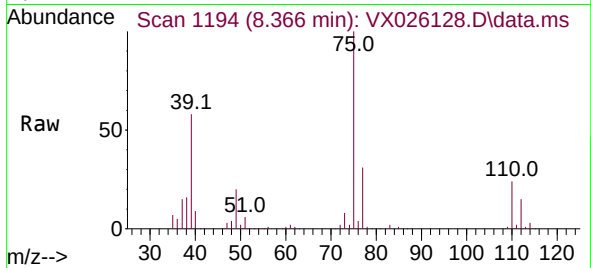
VSTD050749

Tgt Ion: 75 Resp: 96842

Ion Ratio Lower Upper

75 100

77 31.1 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 86.991 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX026128.D

Acq: 29 Dec 2021 10:31

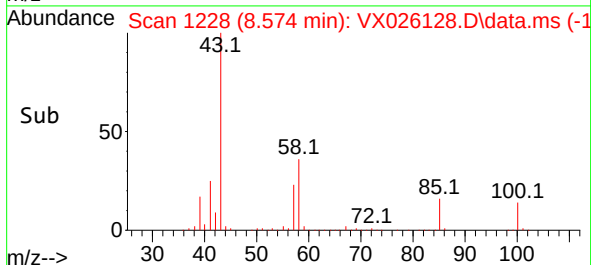
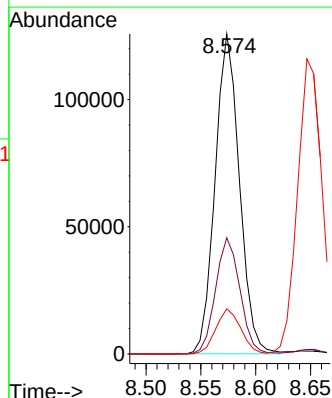
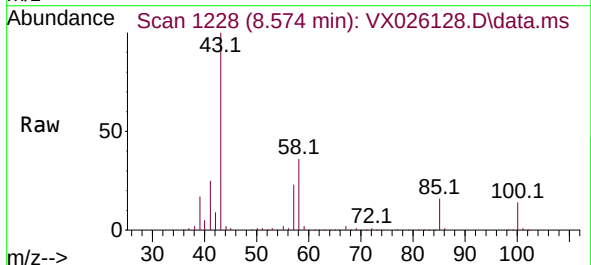
Tgt Ion: 43 Resp: 194077

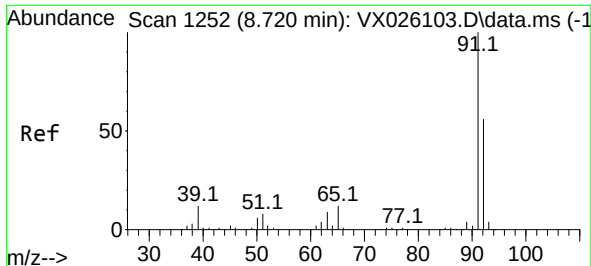
Ion Ratio Lower Upper

43 100

58 36.5 29.5 44.3

100 14.5 11.6 17.4





#42

Toluene

Concen: 45.390 ug/L

RT: 8.720 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX026128.D

Acq: 29 Dec 2021 10:31

Instrument :

MSVOA_X

ClientSampleId :

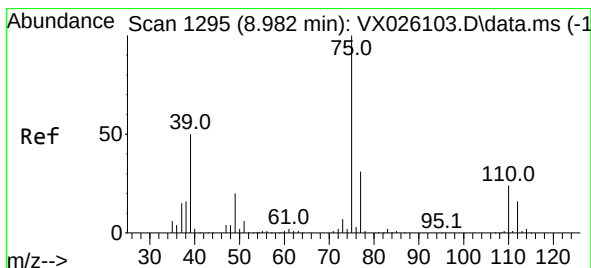
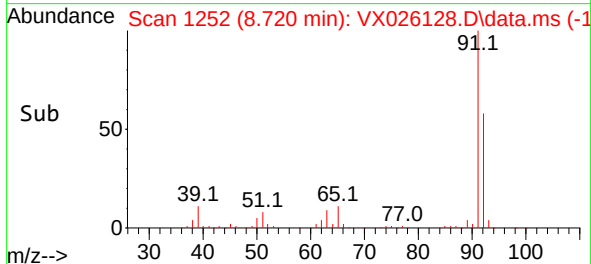
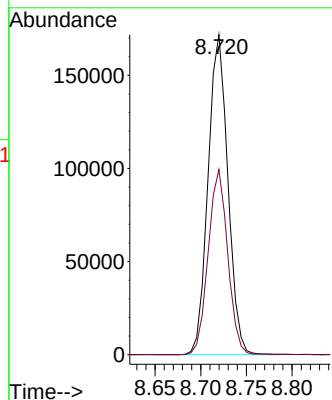
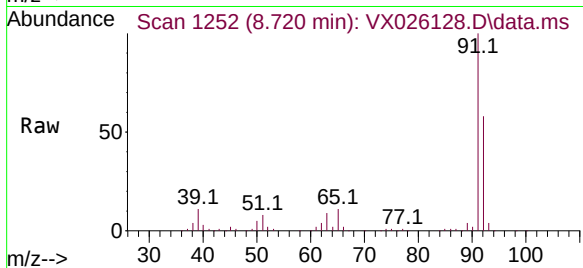
VSTD050749

Tgt Ion: 91 Resp: 259648

Ion Ratio Lower Upper

91 100

92 57.8 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 45.664 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VX026128.D

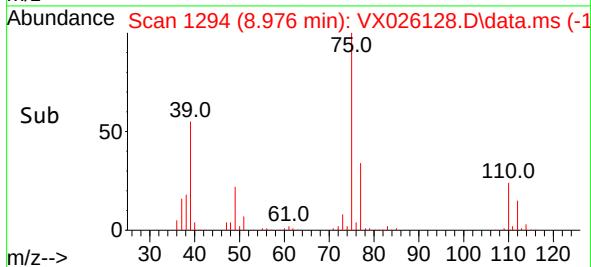
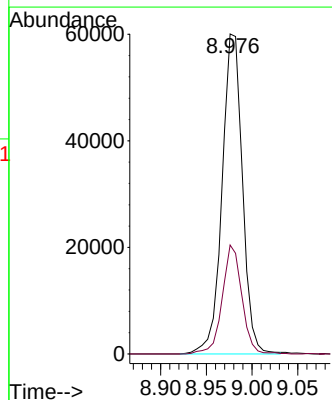
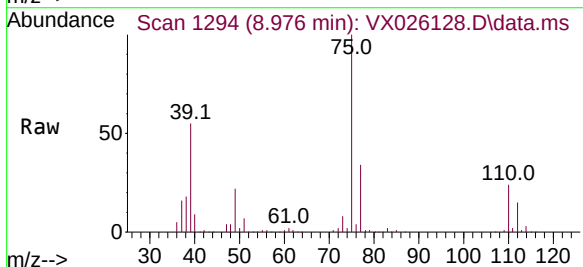
Acq: 29 Dec 2021 10:31

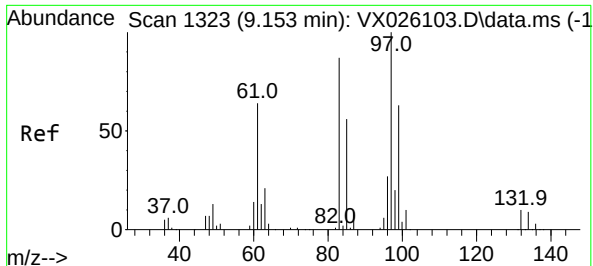
Tgt Ion: 75 Resp: 93287

Ion Ratio Lower Upper

75 100

77 34.1 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 44.120 ug/L

RT: 9.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX026128.D

Acq: 29 Dec 2021 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTD050749

Tgt Ion: 97 Resp: 58204

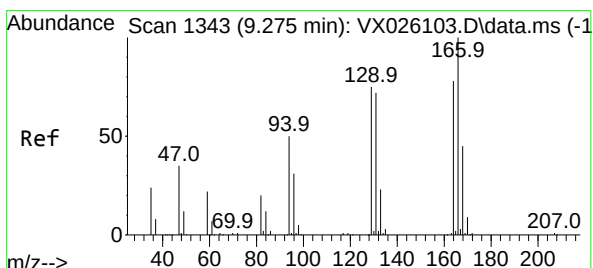
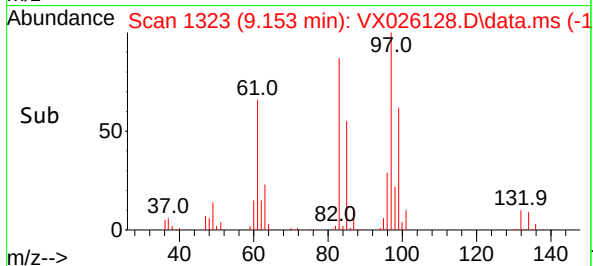
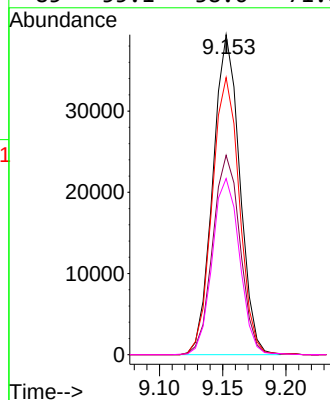
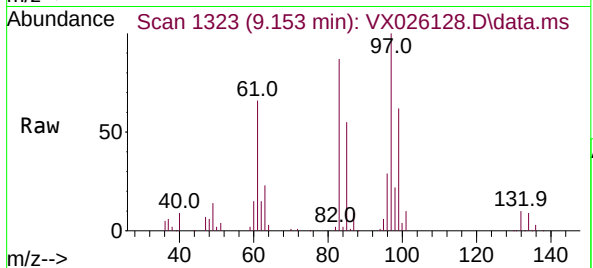
Ion Ratio Lower Upper

97 100

99 62.3 43.2 80.2

83 86.6 60.3 111.9

85 55.1 38.6 71.8



#46

Tetrachloroethene

Concen: 46.373 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX026128.D

Acq: 29 Dec 2021 10:31

Tgt Ion:164 Resp: 48474

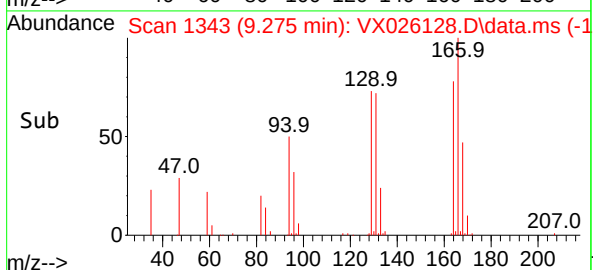
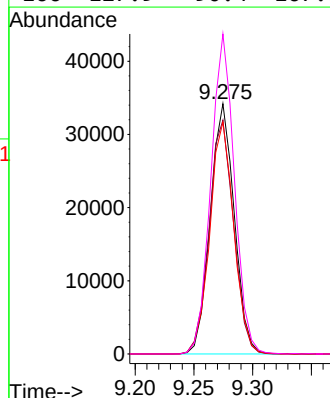
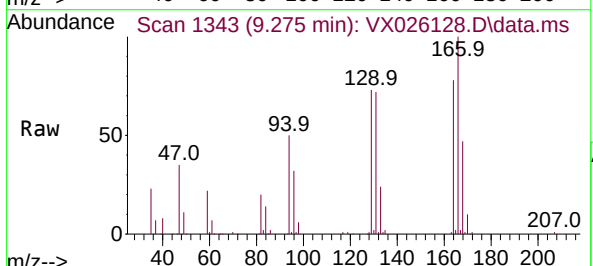
Ion Ratio Lower Upper

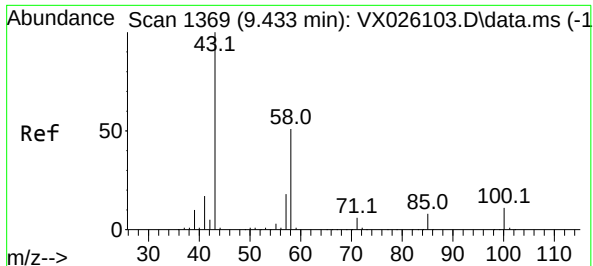
164 100

129 93.4 66.3 123.1

131 92.7 63.6 118.0

166 127.9 90.4 167.8

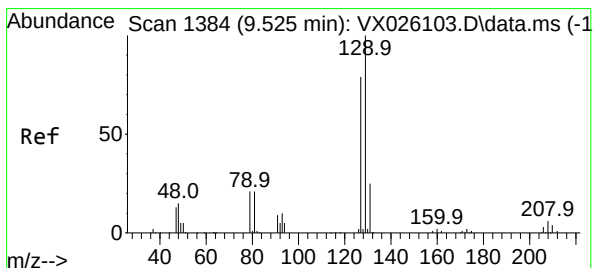
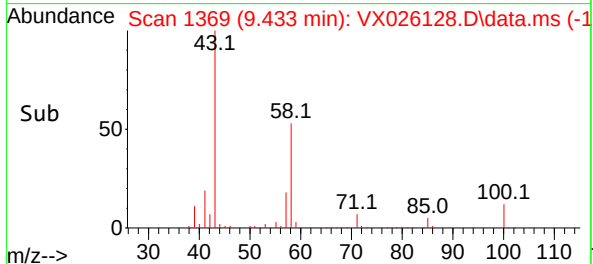
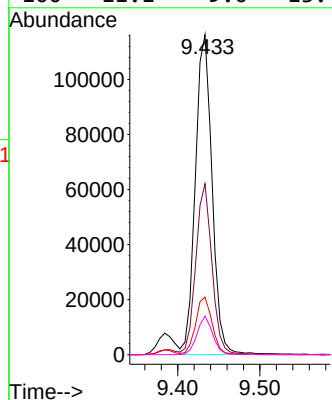
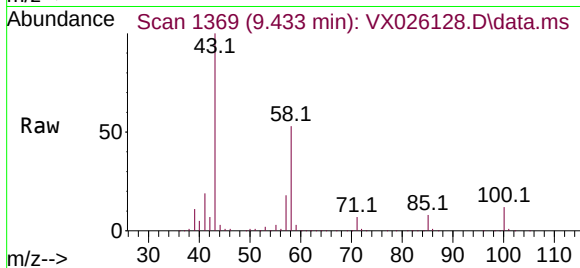




#48
2-Hexanone
Concen: 89.583 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX026128.D
Acq: 29 Dec 2021 10:31

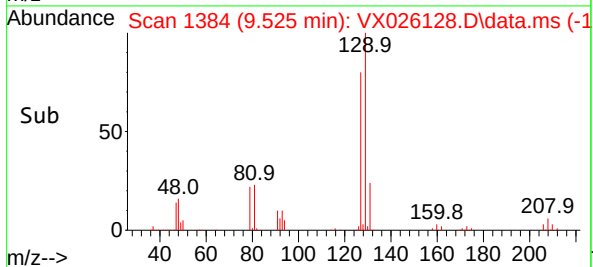
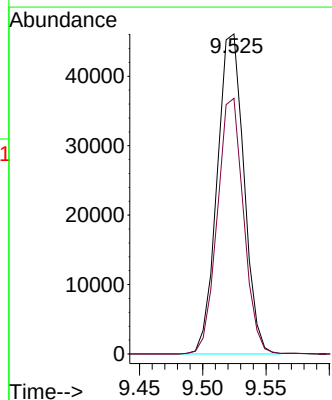
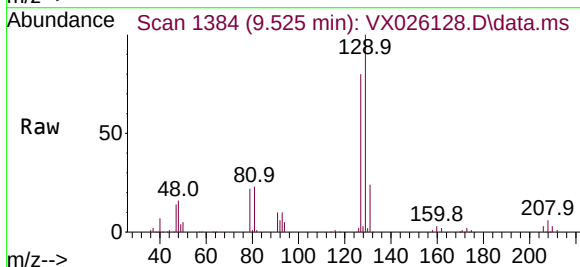
Instrument :
MSVOA_X
ClientSampleId :
VSTD050749

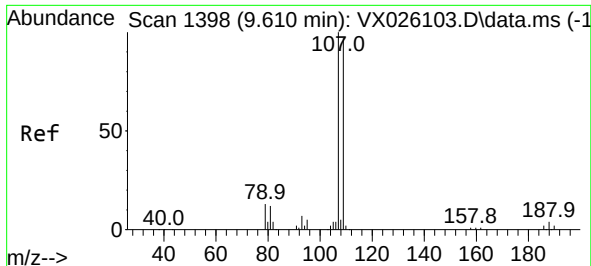
Tgt Ion: 43 Resp: 164600
Ion Ratio Lower Upper
43 100
58 51.2 40.8 61.2
57 17.9 14.3 21.5
100 11.1 9.0 13.4



#49
Dibromochloromethane
Concen: 45.168 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX026128.D
Acq: 29 Dec 2021 10:31

Tgt Ion: 129 Resp: 68011
Ion Ratio Lower Upper
129 100
127 79.9 54.0 100.2

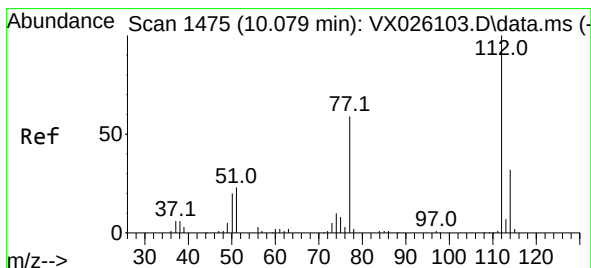
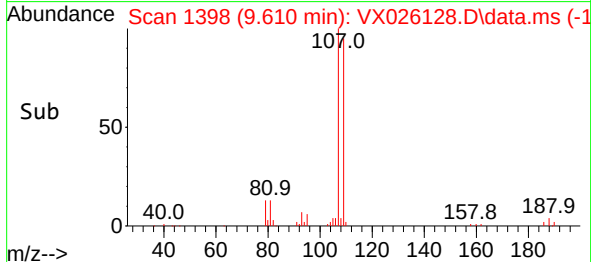
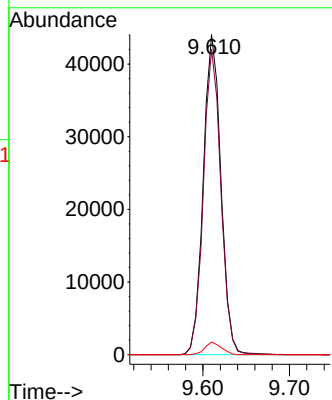
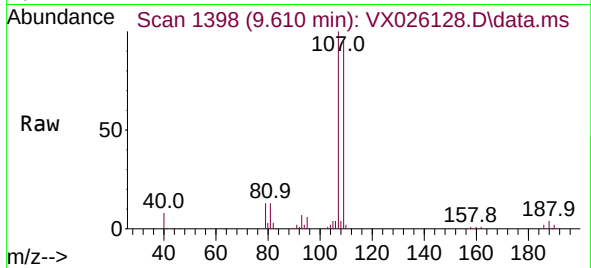




#50
1,2-Dibromoethane
Concen: 44.390 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX026128.D
Acq: 29 Dec 2021 10:31

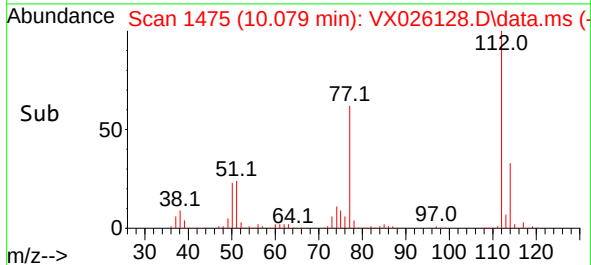
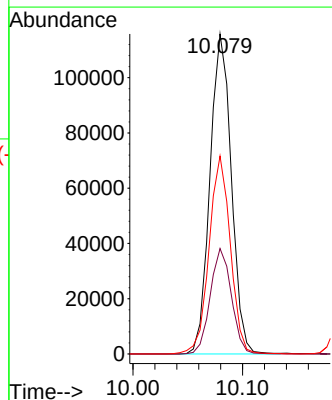
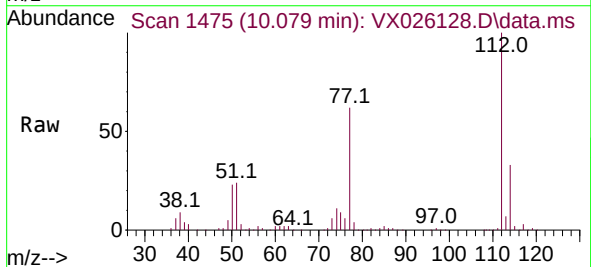
Instrument :
MSVOA_X
ClientSampleId :
VSTD050749

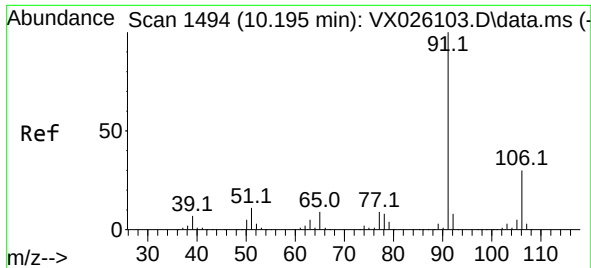
Tgt Ion:107 Resp: 62334
Ion Ratio Lower Upper
107 100
109 95.4 63.5 117.9
188 3.9 2.9 4.3



#51
Chlorobenzene
Concen: 44.506 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX026128.D
Acq: 29 Dec 2021 10:31

Tgt Ion:112 Resp: 156957
Ion Ratio Lower Upper
112 100
114 32.9 22.2 41.2
77 61.8 47.8 71.8

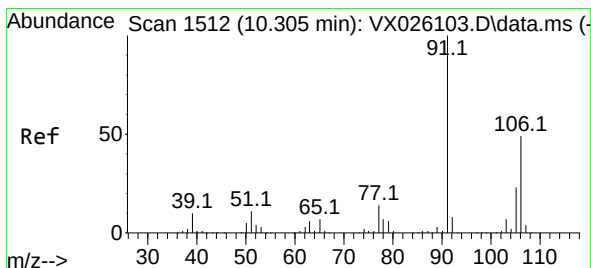
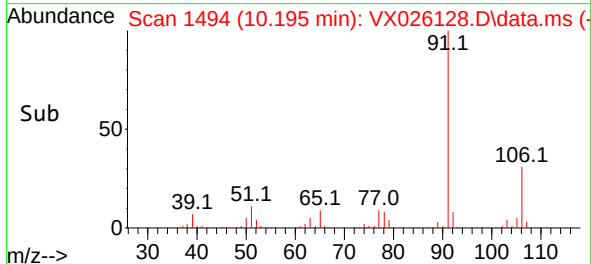
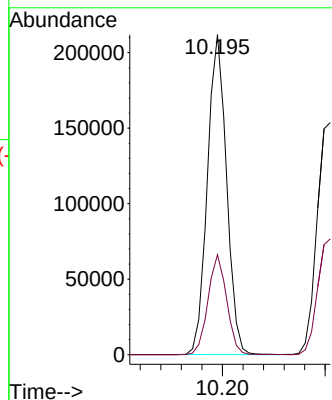
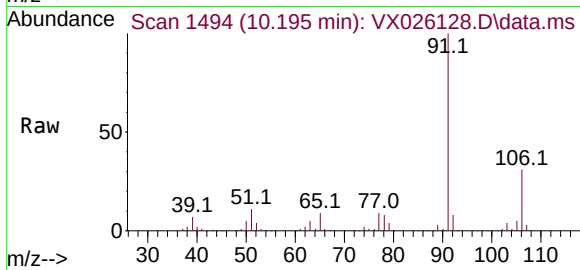




#52
Ethylbenzene
Concen: 45.525 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026128.D
Acq: 29 Dec 2021 10:31

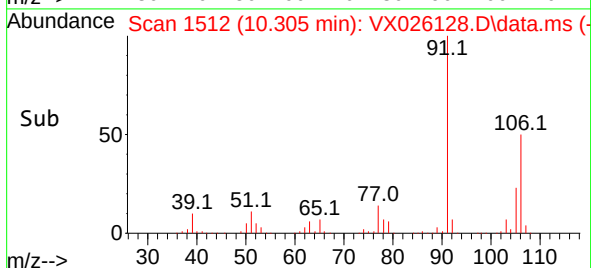
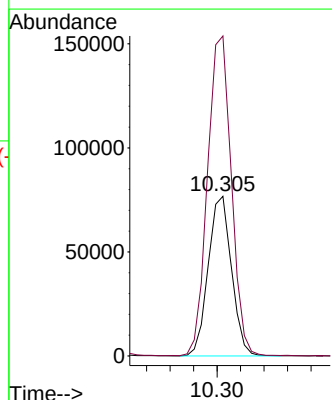
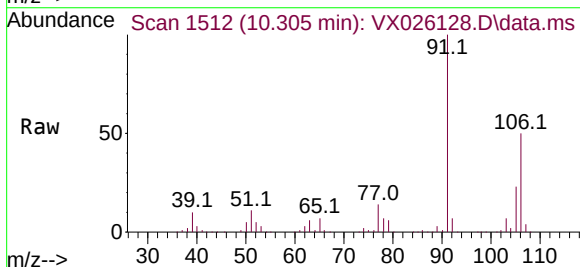
Instrument :
MSVOA_X
ClientSampleId :
VSTD050749

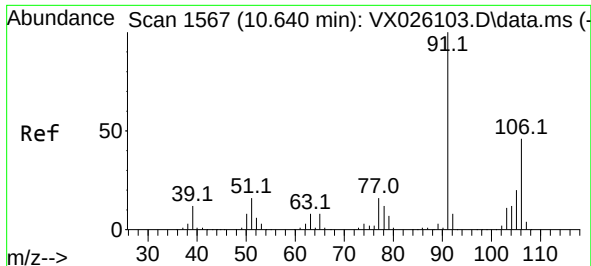
Tgt Ion: 91 Resp: 273759
Ion Ratio Lower Upper
91 100
106 31.3 21.5 39.9



#53
m,p-Xylene
Concen: 46.027 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX026128.D
Acq: 29 Dec 2021 10:31

Tgt Ion: 106 Resp: 105634
Ion Ratio Lower Upper
106 100
91 200.4 139.7 259.5

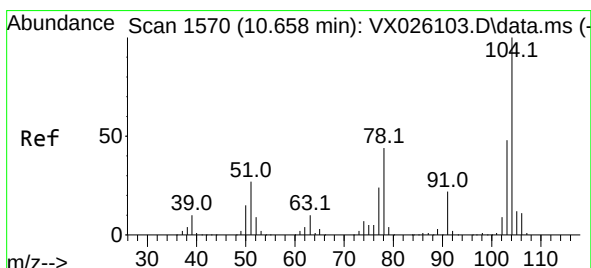
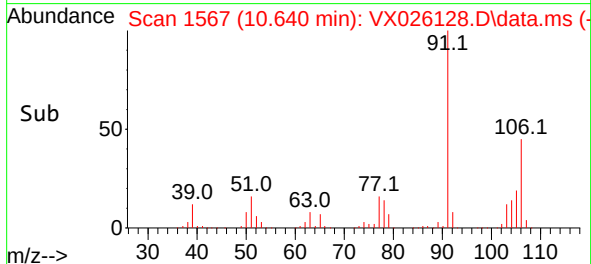
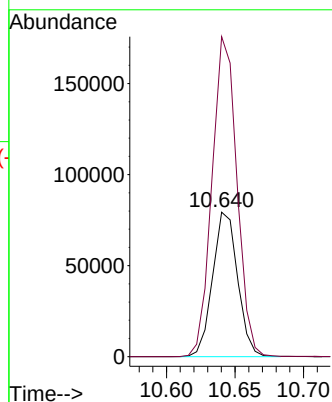
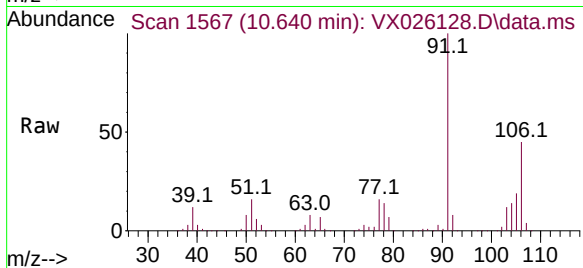




#54
o-Xylene
Concen: 45.229 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX026128.D
Acq: 29 Dec 2021 10:31

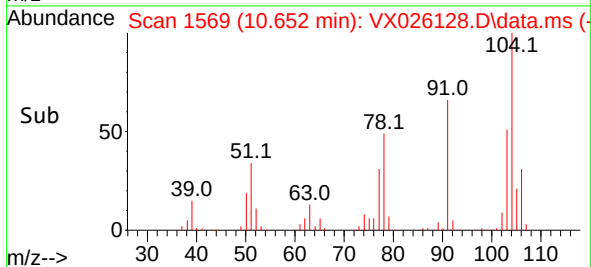
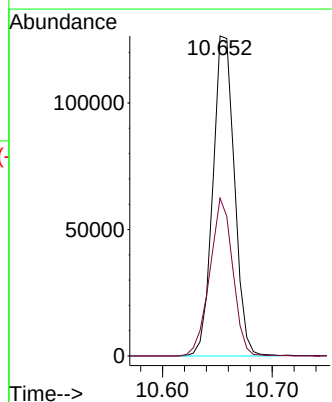
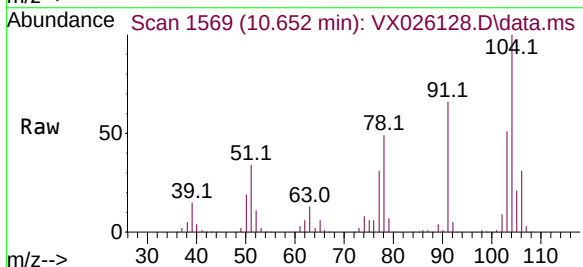
Instrument :
MSVOA_X
ClientSampleId :
VSTD050749

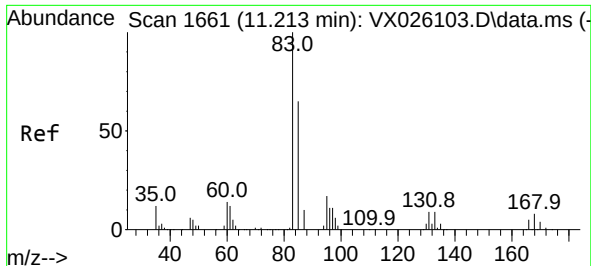
Tgt Ion:106 Resp: 100837
Ion Ratio Lower Upper
106 100
91 221.5 149.1 276.9



#55
Styrene
Concen: 45.289 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX026128.D
Acq: 29 Dec 2021 10:31

Tgt Ion:104 Resp: 173327
Ion Ratio Lower Upper
104 100
78 49.3 30.2 56.0





#57

1,1,2,2-Tetrachloroethane

Concen: 43.777 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX026128.D

Acq: 29 Dec 2021 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTD050749

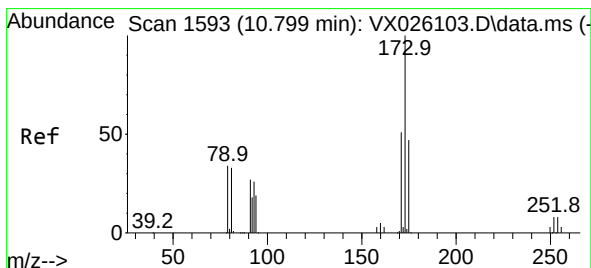
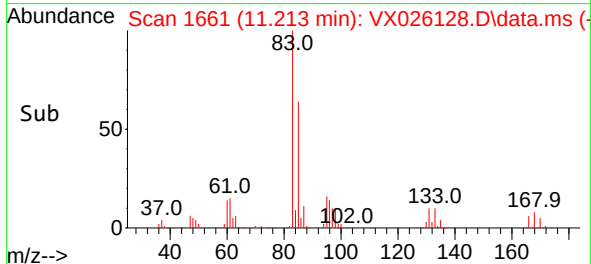
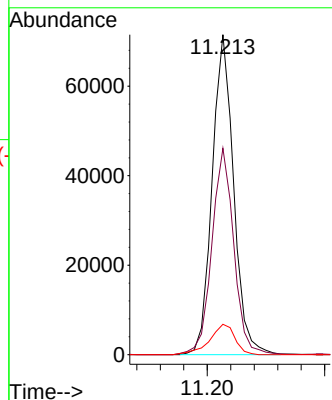
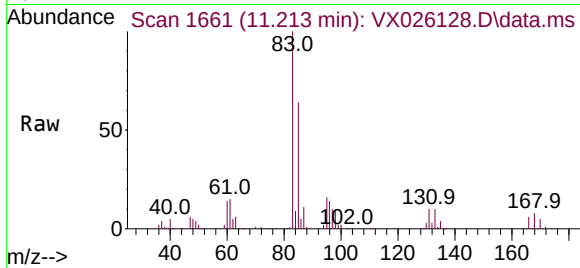
Tgt Ion: 83 Resp: 90698

Ion Ratio Lower Upper

83 100

85 64.5 45.5 84.5

131 9.5 7.9 11.9



#59

Bromoform

Concen: 44.011 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX026128.D

Acq: 29 Dec 2021 10:31

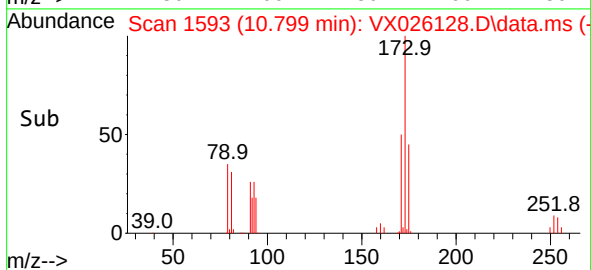
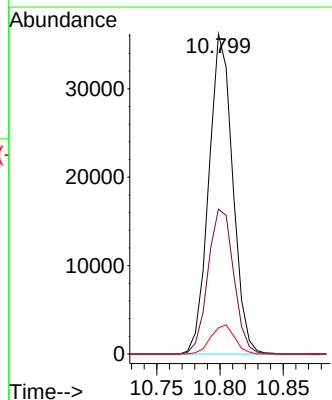
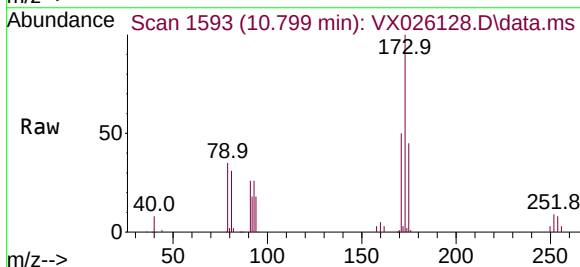
Tgt Ion:173 Resp: 47565

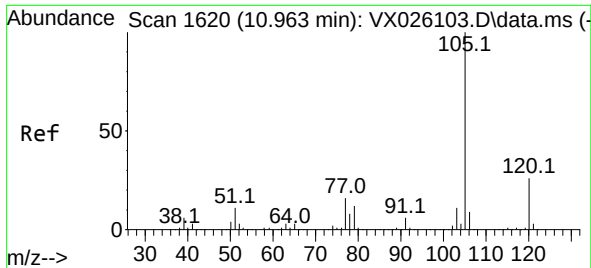
Ion Ratio Lower Upper

173 100

175 48.7 38.8 58.2

254 9.0 7.0 10.6

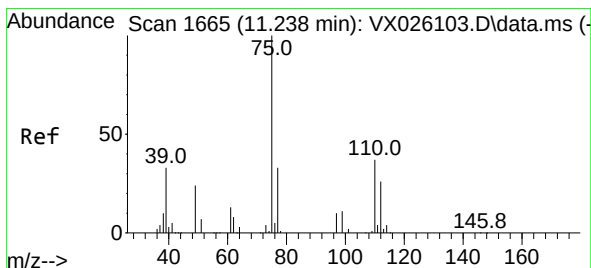
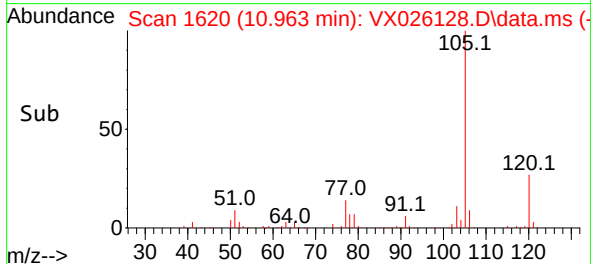
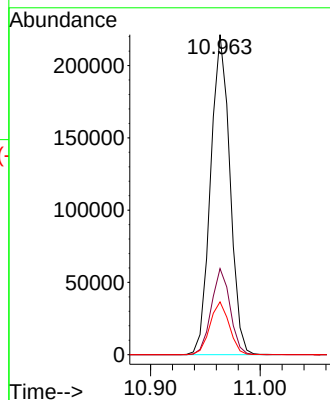
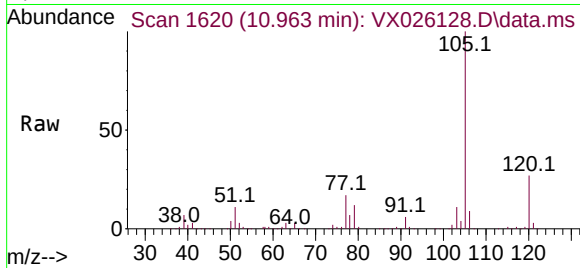




#60
Isopropylbenzene
Concen: 45.089 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026128.D
Acq: 29 Dec 2021 10:31

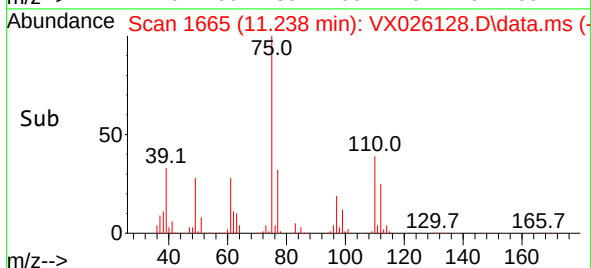
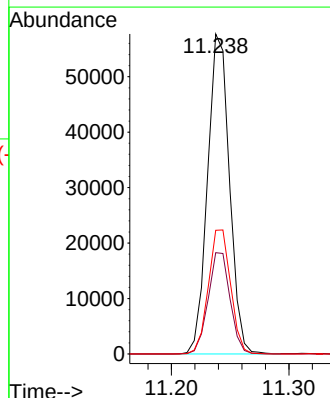
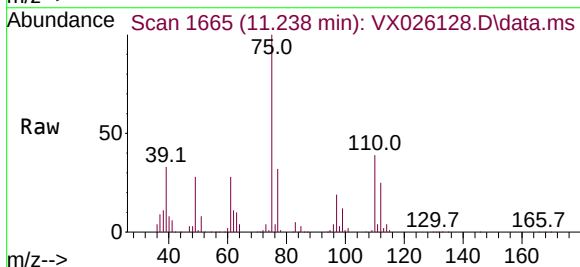
Instrument :
MSVOA_X
ClientSampleId :
VSTD050749

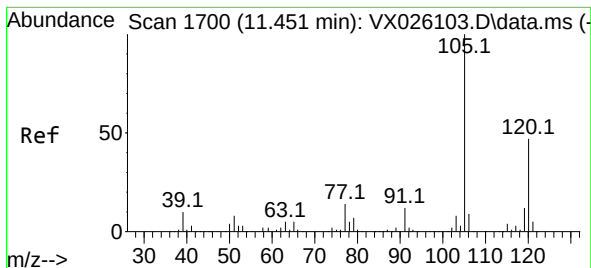
Tgt Ion:105 Resp: 270718
Ion Ratio Lower Upper
105 100
120 26.1 21.2 31.8
77 16.5 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 43.913 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX026128.D
Acq: 29 Dec 2021 10:31

Tgt Ion: 75 Resp: 74714
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: 45.699 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX026128.D

Acq: 29 Dec 2021 10:31

Instrument :

MSVOA_X

ClientSampleId :

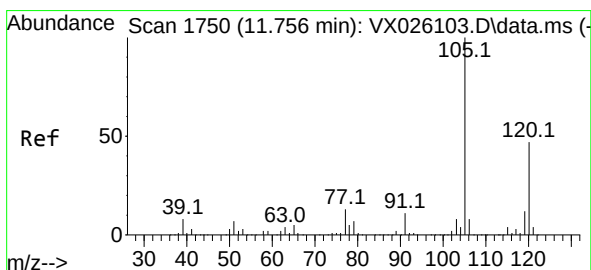
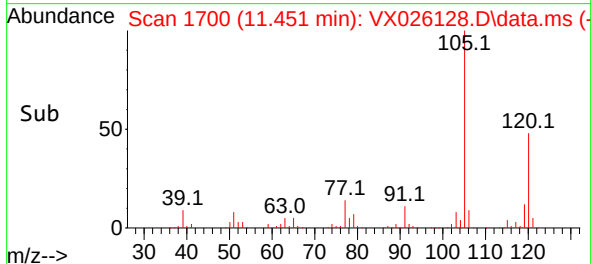
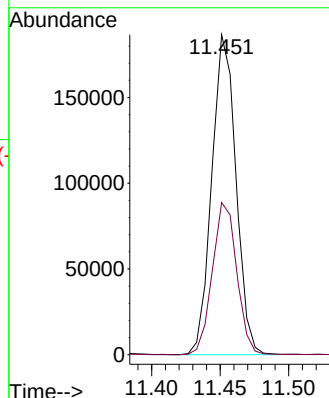
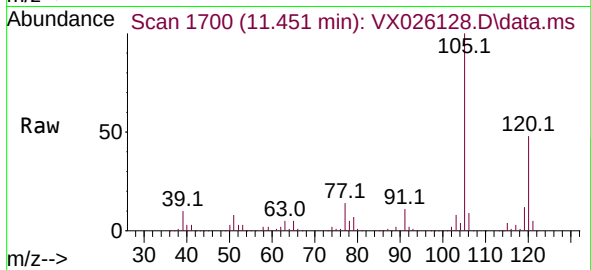
VSTD050749

Tgt Ion:105 Resp: 228463

Ion Ratio Lower Upper

105 100

120 48.1 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 45.460 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX026128.D

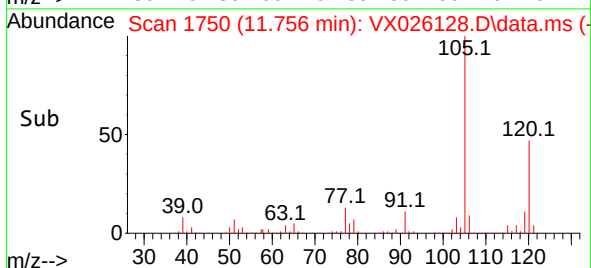
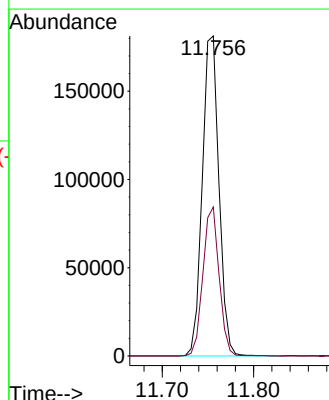
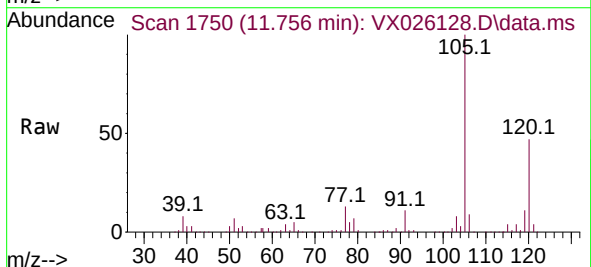
Acq: 29 Dec 2021 10:31

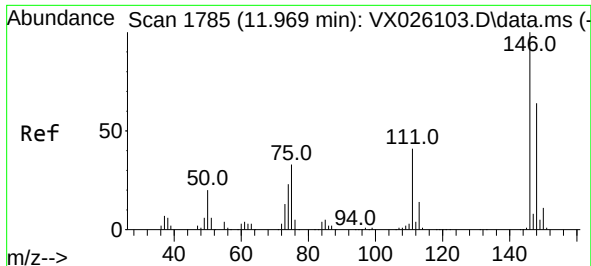
Tgt Ion:105 Resp: 229146

Ion Ratio Lower Upper

105 100

120 45.0 36.5 54.7

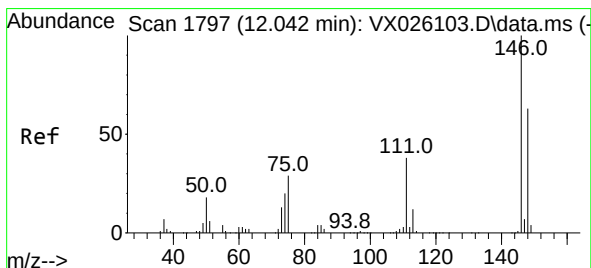
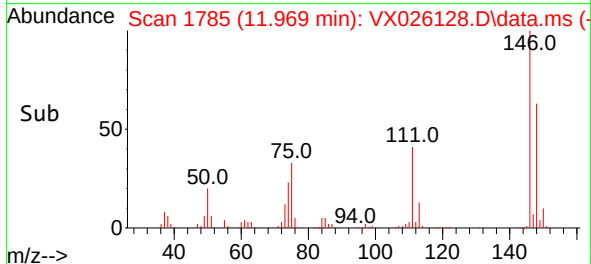
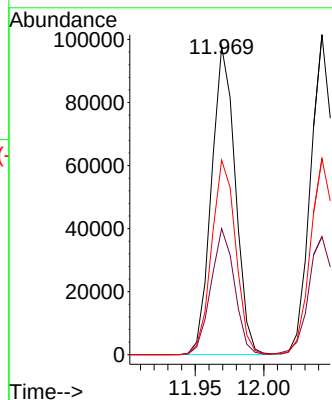
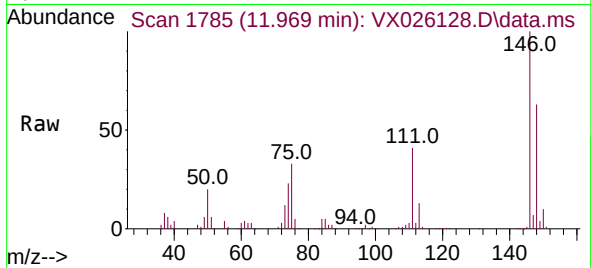




#64
1,3-Dichlorobenzene
Concen: 45.022 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX026128.D
Acq: 29 Dec 2021 10:31

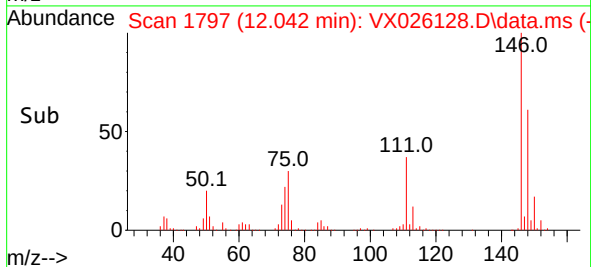
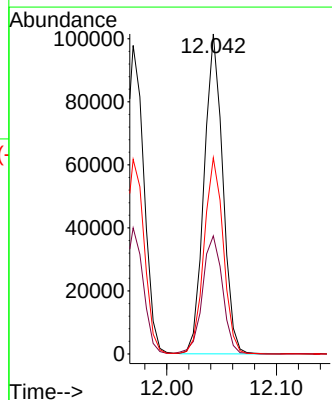
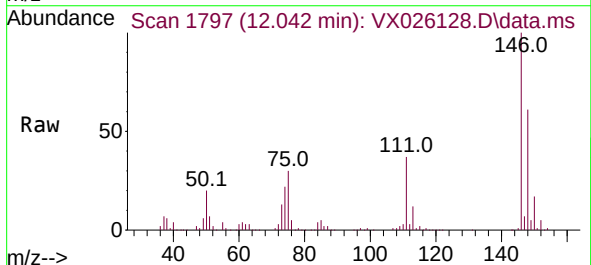
Instrument :
MSVOA_X
ClientSampleId :
VSTD050749

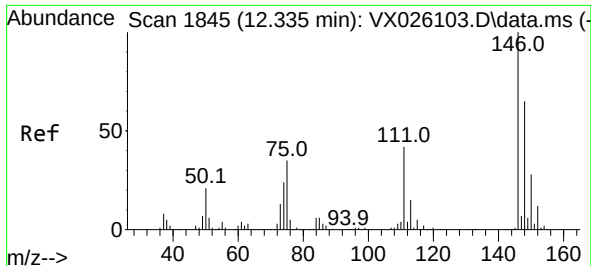
Tgt Ion:146 Resp: 118066
Ion Ratio Lower Upper
146 100
111 40.9 29.4 54.6
148 63.1 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 44.724 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX026128.D
Acq: 29 Dec 2021 10:31

Tgt Ion:146 Resp: 120175
Ion Ratio Lower Upper
146 100
111 36.9 27.4 51.0
148 61.3 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 45.187 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX026128.D

Acq: 29 Dec 2021 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTD050749

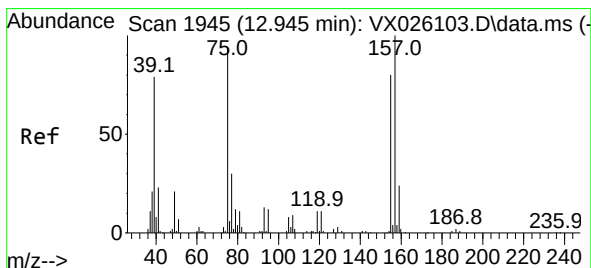
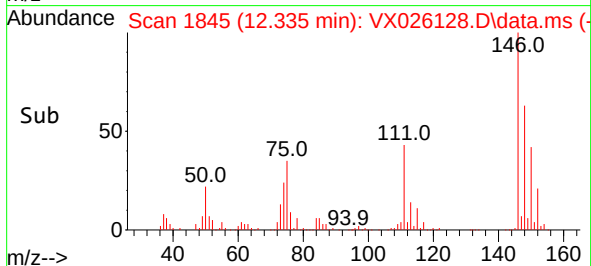
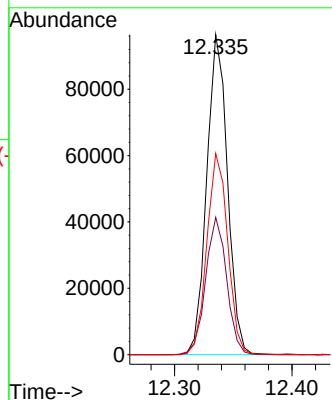
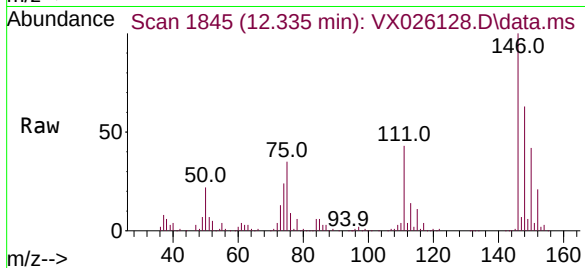
Tgt Ion:146 Resp: 118057

Ion Ratio Lower Upper

146 100

111 42.9 33.1 49.7

148 62.9 49.6 74.4



#68

1,2-Dibromo-3-chloropropane

Concen: 42.436 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX026128.D

Acq: 29 Dec 2021 10:31

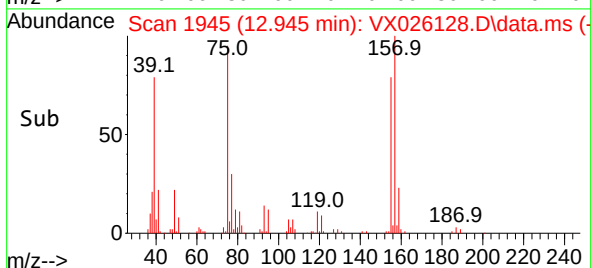
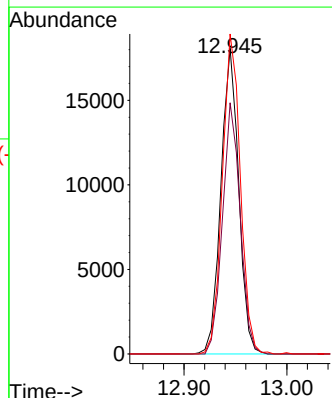
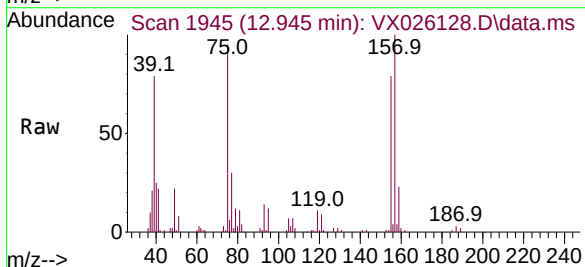
Tgt Ion: 75 Resp: 21657

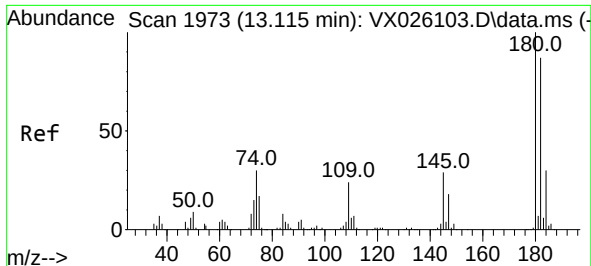
Ion Ratio Lower Upper

75 100

155 82.2 65.5 98.3

157 104.7 85.9 128.9

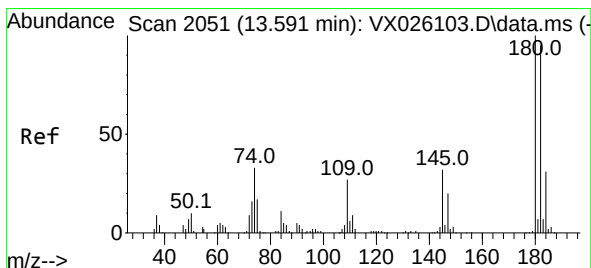
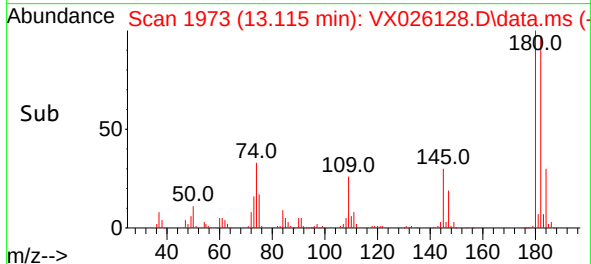
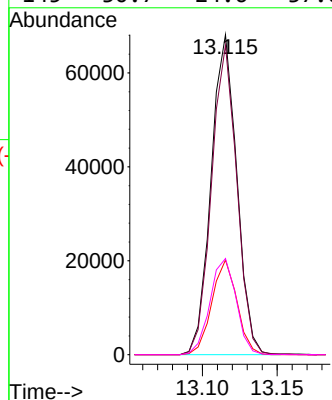
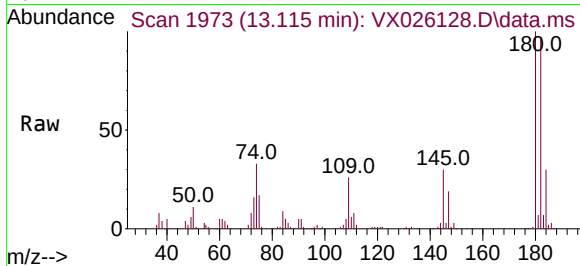




#69
1,3,5-Trichlorobenzene
Concen: 45.736 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX026128.D
Acq: 29 Dec 2021 10:31

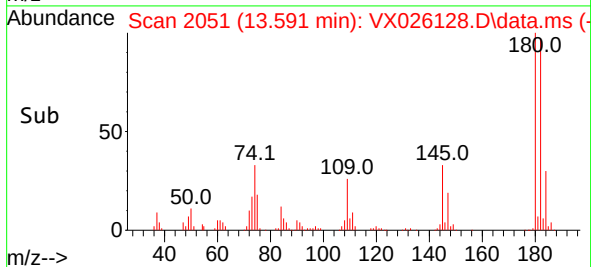
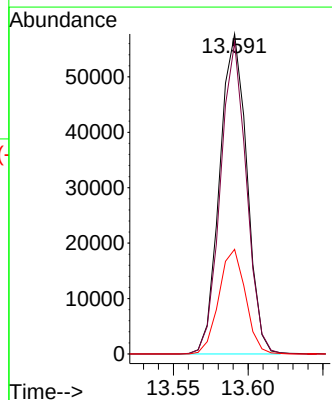
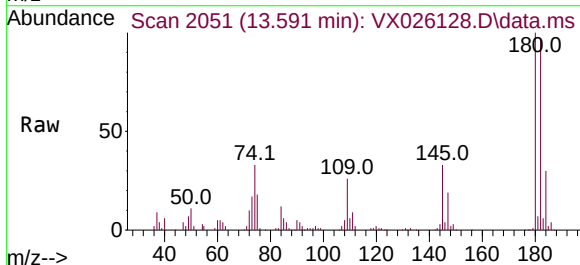
Instrument :
MSVOA_X
ClientSampleId :
VSTD050749

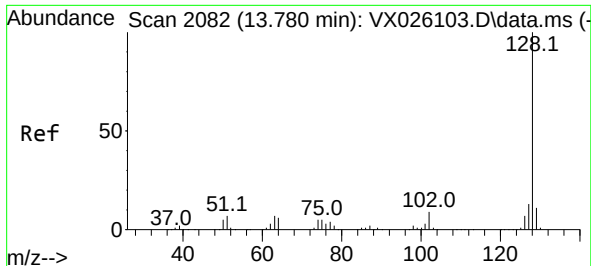
Tgt Ion:180 Resp: 81511
Ion Ratio Lower Upper
180 100
182 95.0 75.4 113.2
184 28.9 24.1 36.1
145 30.7 24.6 37.0



#70
1,2,4-trichlorobenzene
Concen: 45.425 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX026128.D
Acq: 29 Dec 2021 10:31

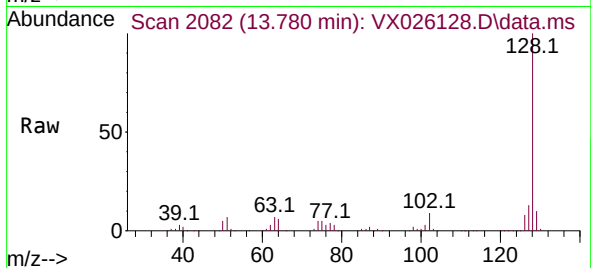
Tgt Ion:180 Resp: 72869
Ion Ratio Lower Upper
180 100
182 93.0 74.8 112.2
145 32.0 24.9 37.3



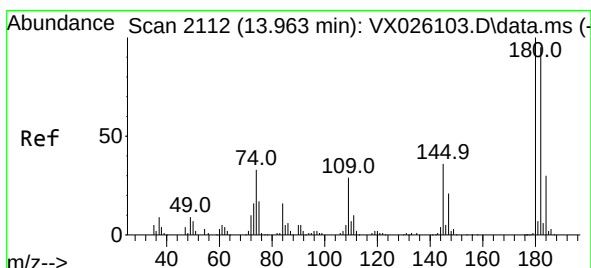
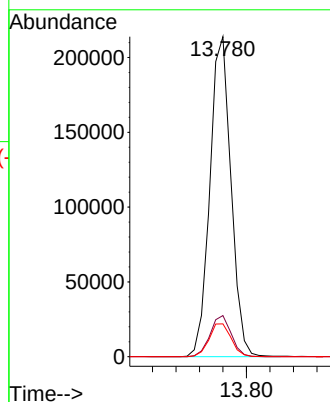
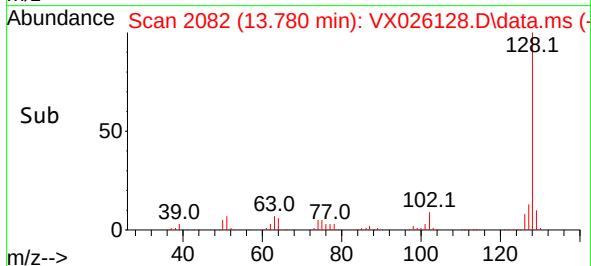


#71
Naphthalene
Concen: 44.237 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX026128.D
Acq: 29 Dec 2021 10:31

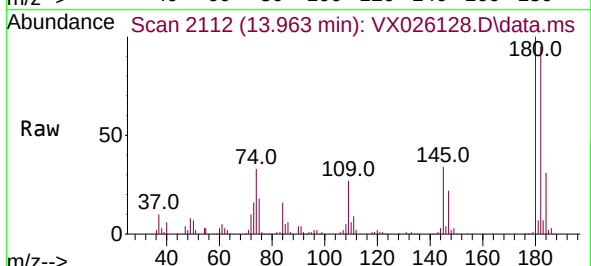
Instrument :
MSVOA_X
ClientSampleId :
VSTD050749



Tgt Ion:128 Resp: 266929
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 44.908 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX026128.D
Acq: 29 Dec 2021 10:31



Tgt Ion:180 Resp: 73101
Ion Ratio Lower Upper
180 100
182 95.4 76.6 115.0
145 34.0 26.6 39.8

