

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012622\
 Data File : VX026577.D
 Acq On : 25 Jan 2022 19:15
 Operator : JC/MD
 Sample : VSTD005
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005626

Quant Time: Jan 26 01:16:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 26 01:15:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	54602	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	54310	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	30293	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	21171	10.206	ug/L	0.00
7) Chloroethane-d5	1.672	69	17197	9.341	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	45268	6.869	ug/L	0.00
20) 2-Butanone-d5	4.477	46	55240	80.393	ug/L	0.00
24) Chloroform-d	5.062	84	46999	5.893	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	23617	5.410	ug/L	0.00
32) Benzene-d6	5.977	84	94026	6.793	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	27359	6.291	ug/L	0.00
41) Toluene-d8	8.653	98	87497	6.418	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	8536	4.651	ug/L	0.00
46) 2-Hexanone-d5	9.384	63	45310	63.759	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	18306	5.758	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	30351	5.707	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	30564	4.952	ug/L	96
3) Chloromethane	1.294	50	22414	8.574	ug/L	95
5) Vinyl chloride	1.374	62	22783	7.570	ug/L	99
6) Bromomethane	1.618	94	11948	5.511	ug/L	88
8) Chloroethane	1.691	64	13133	7.212	ug/L	98
9) Trichlorofluoromethane	1.892	101	31112	4.066	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	20437	4.920	ug/L	97
12) 1,1-Dichloroethene	2.325	96	19190	5.554	ug/L	88
13) Acetone	2.404	43	29502	62.512	ug/L	97
14) Carbon disulfide	2.514	76	59253	6.099	ug/L	98
15) Methyl Acetate	2.715	43	7375	6.663	ug/L #	81
16) Methylene chloride	2.794	84	19245	4.954	ug/L #	77
17) Methyl tert-butyl Ether	3.117	73	41356	4.401	ug/L #	92
18) trans-1,2-Dichloroethene	3.093	96	19912	5.017	ug/L	96
19) 1,1-Dichloroethane	3.611	63	34907	5.053	ug/L	98
21) 2-Butanone	4.580	43	48300	67.706	ug/L	79
22) cis-1,2-Dichloroethene	4.489	96	21201	5.026	ug/L	96
23) Bromochloromethane	4.910	128	8927	4.707	ug/L #	80
25) Chloroform	5.099	83	39502	4.525	ug/L	99
27) 1,2-Dichloroethane	6.092	62	22541	4.254	ug/L #	87
29) 1,1,1-Trichloroethane	5.391	97	31490	3.573	ug/L #	90
30) Cyclohexane	5.477	56	35289	5.766	ug/L	89
31) Carbon tetrachloride	5.684	117	27848	3.639	ug/L	98
33) Benzene	6.044	78	81538	5.091	ug/L	100
34) Trichloroethene	7.129	95	22219	4.398	ug/L	83
35) Methylcyclohexane	7.385	83	35742	4.961	ug/L	92
37) 1,2-Dichloropropane	7.434	63	19745	5.016	ug/L	99
38) Bromodichloromethane	7.824	83	24276	3.936	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	25782	4.117	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	112624	60.978	ug/L #	84
42) Toluene	8.720	91	87103	4.735	ug/L	94
44) trans-1,3-Dichloropropene	8.982	75	20251	3.624	ug/L	100

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 ALS Vial : 6 Sample Multiplier: 1

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 ClientSampleId :
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Quant Time: Jan 26 01:16:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 26 01:15:32 2022
 Response via : Initial Calibration

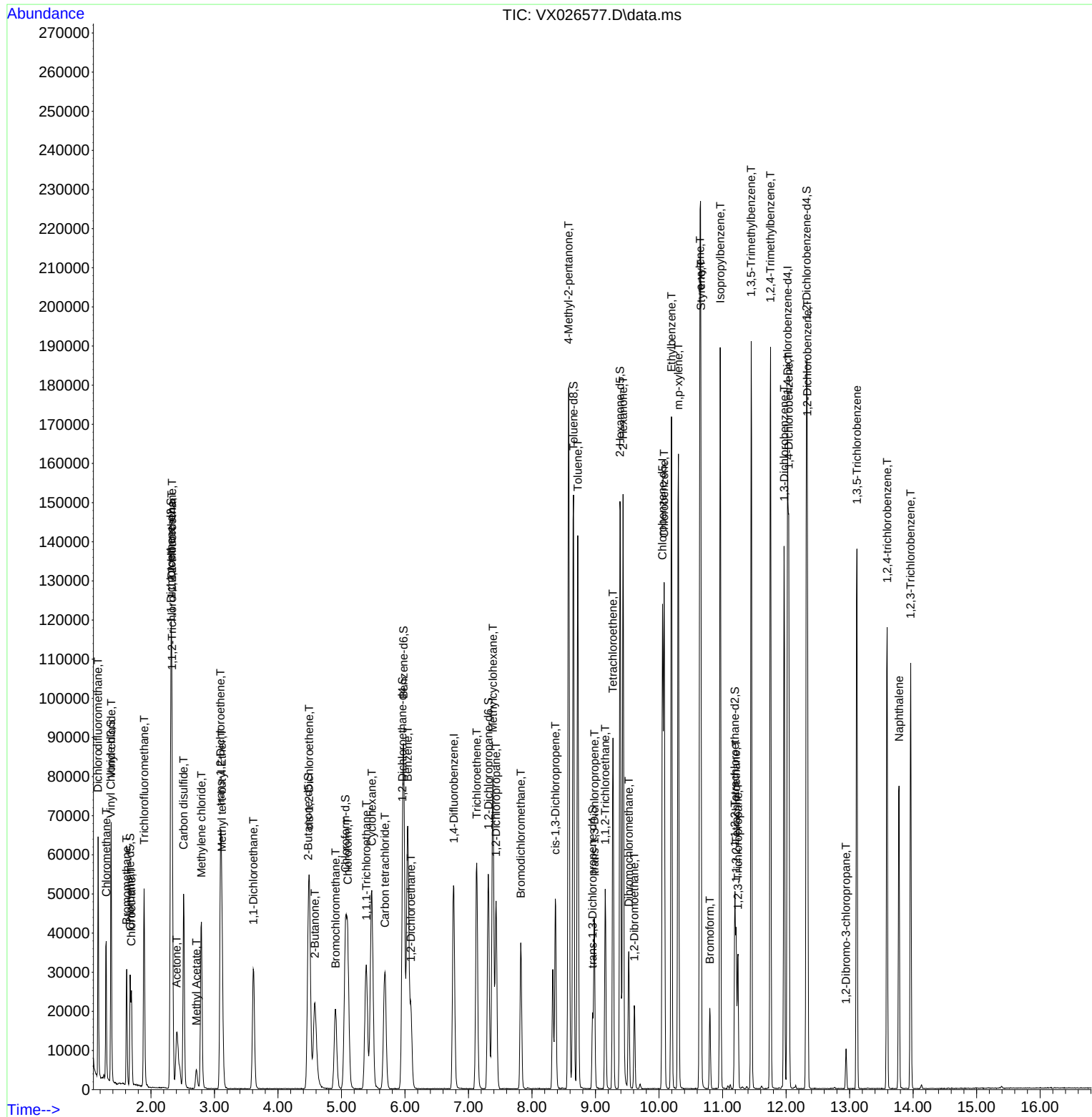
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	13197	4.296	ug/L	94
47) Tetrachloroethene	9.275	164	16791	4.643	ug/L	85
48) 2-Hexanone	9.433	43	80765	60.134	ug/L #	86
49) Dibromochloromethane	9.525	129	15240	3.915	ug/L	96
50) 1,2-Dibromoethane	9.610	107	11962	3.999	ug/L	93
51) Chlorobenzene	10.079	112	54734	4.694	ug/L	94
52) Ethylbenzene	10.195	91	96068	4.491	ug/L	97
53) m,p-xylene	10.305	106	37169	4.826	ug/L	82
54) o-xylene	10.646	106	35258	4.682	ug/L	78
55) Styrene	10.659	104	60183	4.792	ug/L	88
57) 1,1,2,2-Tetrachloroethane	11.213	83	14227	4.078	ug/L	98
59) Bromoform	10.799	173	7296	3.659	ug/L #	98
60) Isopropylbenzene	10.963	105	95076	4.112	ug/L	96
61) 1,2,3-Trichloropropane	11.244	75	11257	3.969	ug/L	94
62) 1,3,5-Trimethylbenzene	11.451	105	81232	4.030	ug/L	91
63) 1,2,4-Trimethylbenzene	11.756	105	83718	4.043	ug/L	94
64) 1,3-Dichlorobenzene	11.969	146	43007	4.385	ug/L	94
65) 1,4-Dichlorobenzene	12.043	146	42452	4.340	ug/L	94
67) 1,2-Dichlorobenzene	12.335	146	38901	4.327	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	2176	3.281	ug/L #	92
69) 1,3,5-Trichlorobenzene	13.116	180	32710	4.382	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	26909	4.584	ug/L	95
71) Naphthalene	13.780	128	48669	4.599	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	24105	4.576	ug/L	98

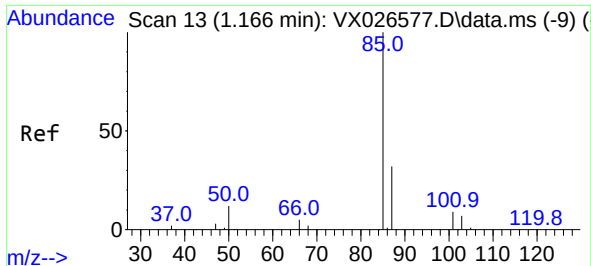
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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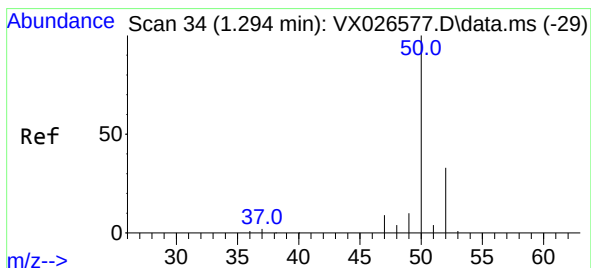
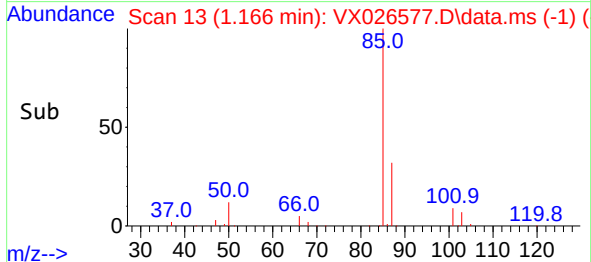
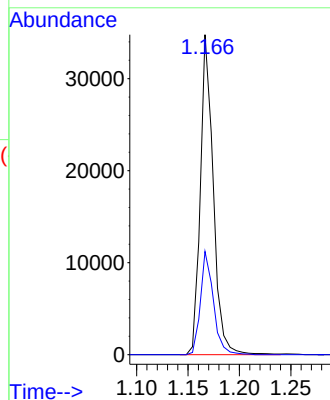
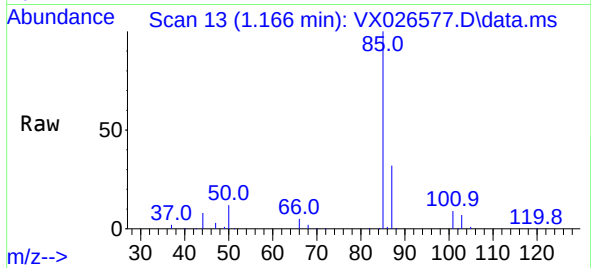




#2
Dichlorodifluoromethane
Concen: 4.952 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

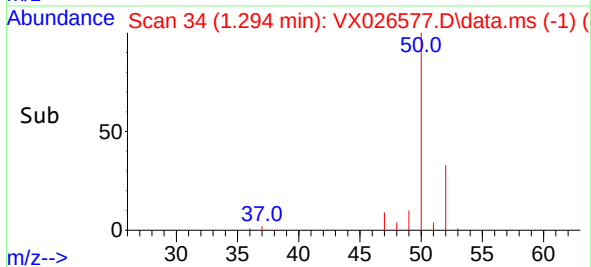
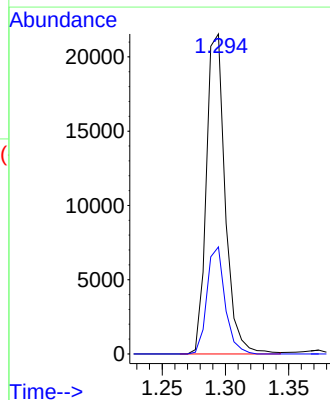
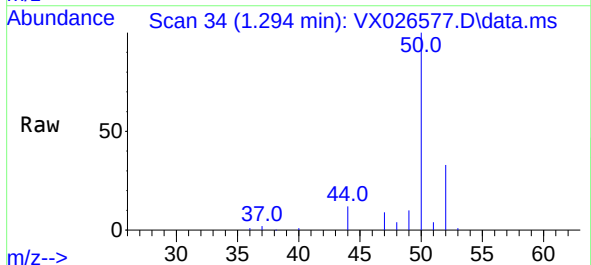
Instrument :
MSVOA_X
ClientSampleId :
VSTD005626

Tgt Ion: 85 Resp: 30564
Ion Ratio Lower Upper
85 100
87 32.3 24.1 36.1

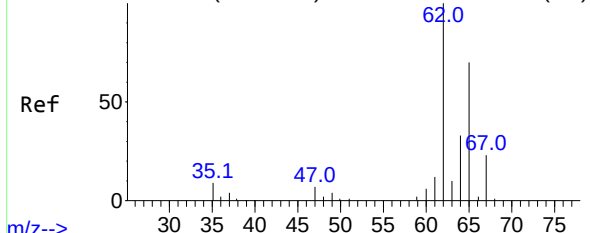


#3
Chloromethane
Concen: 8.574 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

Tgt Ion: 50 Resp: 22414
Ion Ratio Lower Upper
50 100
52 33.4 25.5 47.3

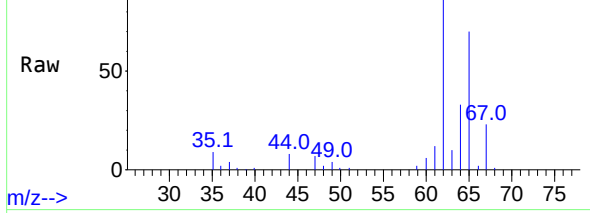


Abundance Scan 47 (1.374 min): VX026577.D\data.ms (-42)



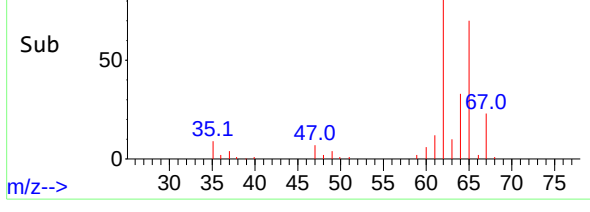
m/z-->

Abundance Scan 47 (1.374 min): VX026577.D\data.ms



m/z-->

Abundance Scan 47 (1.374 min): VX026577.D\data.ms (-1)



m/z-->

#5

Vinyl chloride

Concen: 7.570 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX026577.D

Acq: 25 Jan 2022 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTD005626

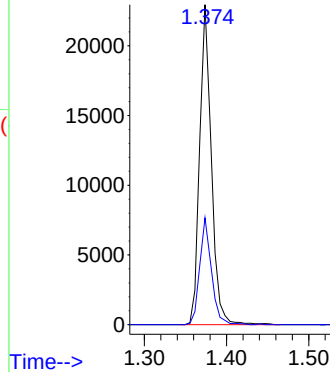
Tgt Ion: 62 Resp: 22783

Ion Ratio Lower Upper

62 100

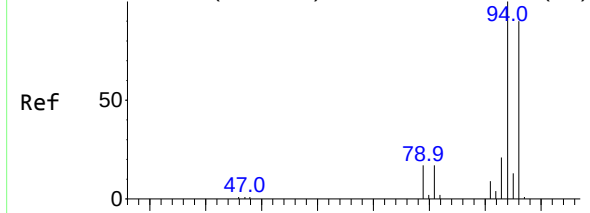
64 33.4 23.7 44.1

Abundance



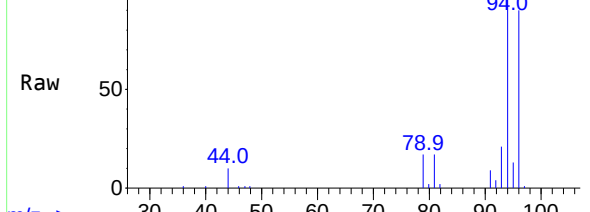
Time-->

Abundance Scan 87 (1.618 min): VX026577.D\data.ms (-82)



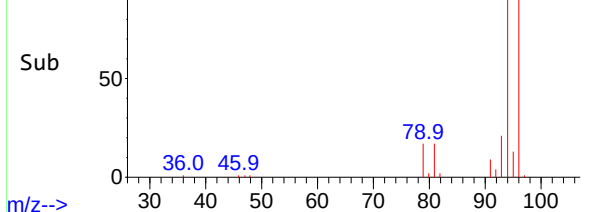
m/z-->

Abundance Scan 87 (1.618 min): VX026577.D\data.ms



m/z-->

Abundance Scan 87 (1.618 min): VX026577.D\data.ms (-38)



m/z-->

#6

Bromomethane

Concen: 5.511 ug/L

RT: 1.618 min Scan# 87

Delta R.T. 0.000 min

Lab File: VX026577.D

Acq: 25 Jan 2022 19:15

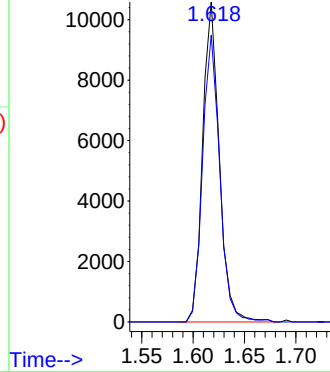
Tgt Ion: 94 Resp: 11948

Ion Ratio Lower Upper

94 100

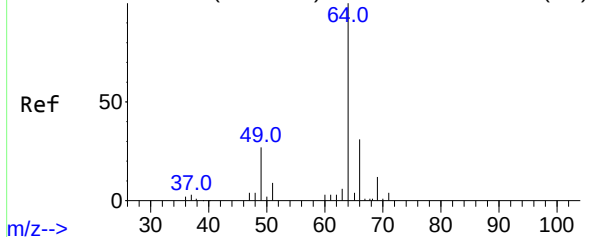
96 89.7 70.9 131.7

Abundance



Time-->

Abundance Scan 99 (1.691 min): VX026577.D\data.ms (-93)



#8

Chloroethane

Concen: 7.212 ug/L

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX026577.D

Acq: 25 Jan 2022 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTD005626

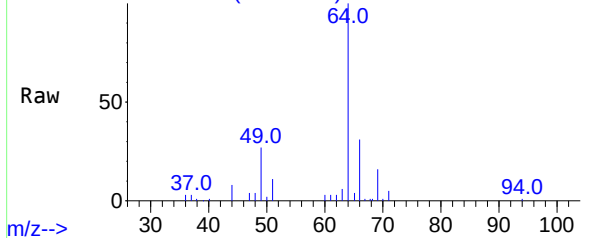
Tgt Ion: 64 Resp: 13133

Ion Ratio Lower Upper

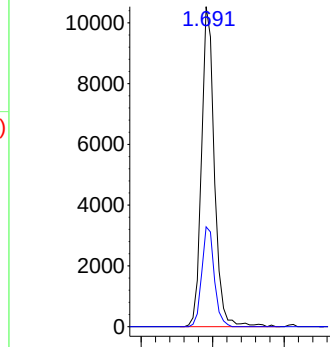
64 100

66 31.2 22.6 42.0

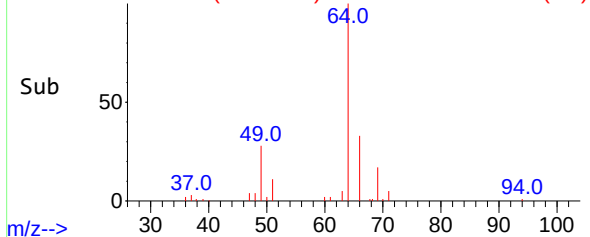
Abundance Scan 99 (1.691 min): VX026577.D\data.ms



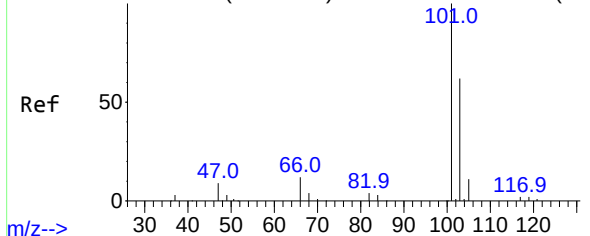
Abundance



Abundance Scan 99 (1.691 min): VX026577.D\data.ms (-50)



Abundance Scan 132 (1.892 min): VX026577.D\data.ms (-12)



#9

Trichlorofluoromethane

Concen: 4.066 ug/L

RT: 1.892 min Scan# 132

Delta R.T. 0.000 min

Lab File: VX026577.D

Acq: 25 Jan 2022 19:15

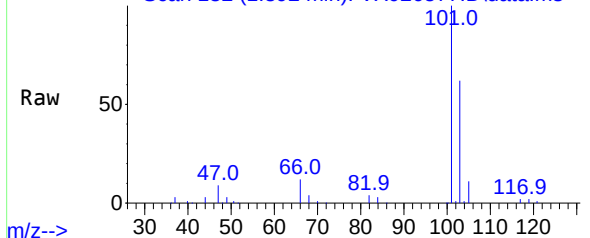
Tgt Ion: 101 Resp: 31112

Ion Ratio Lower Upper

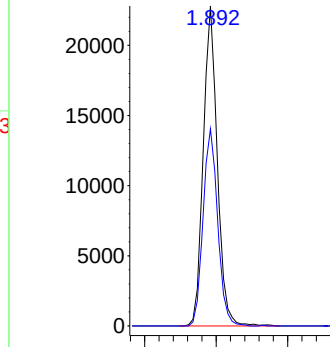
101 100

103 64.0 51.2 76.8

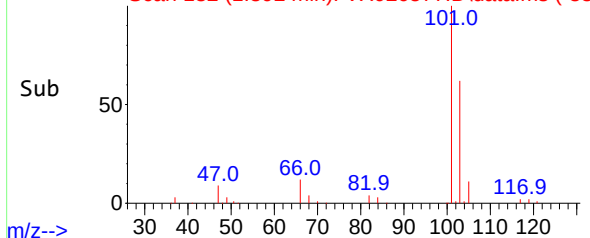
Abundance Scan 132 (1.892 min): VX026577.D\data.ms

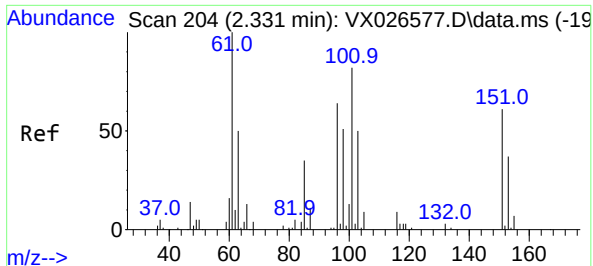


Abundance



Abundance Scan 132 (1.892 min): VX026577.D\data.ms (-83)



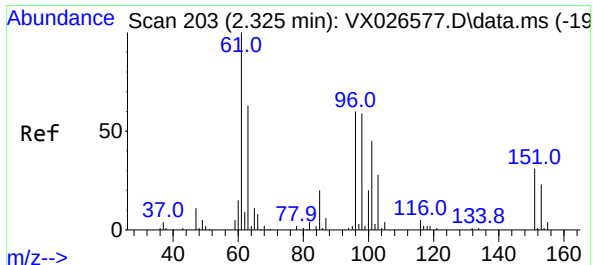
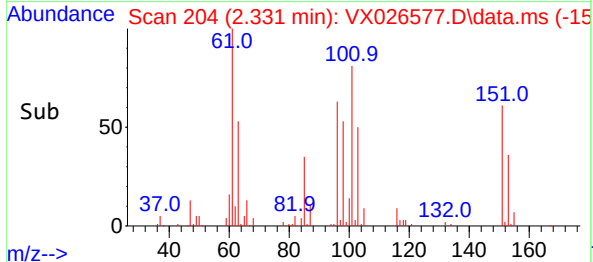
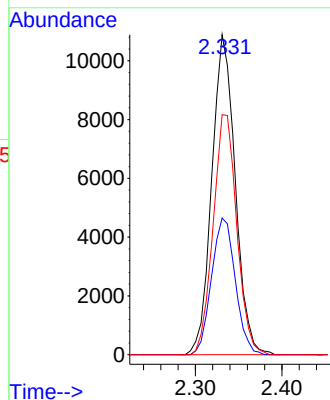
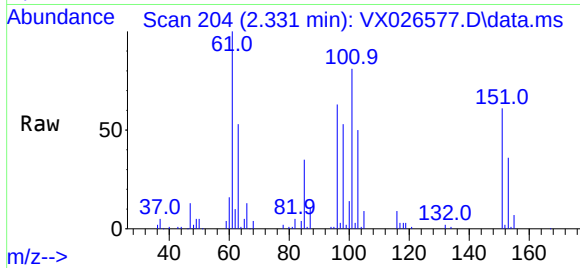


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.920 ug/L
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTD005626

Tgt Ion:101 Resp: 20437

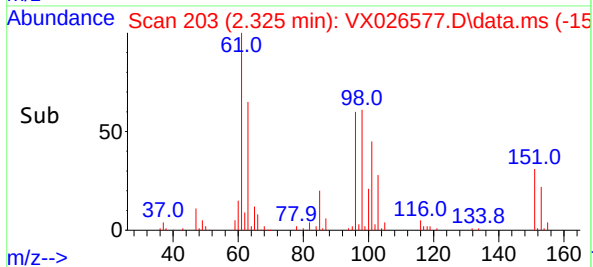
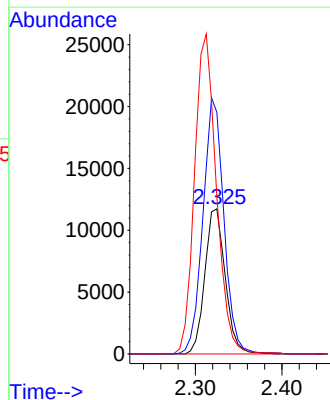
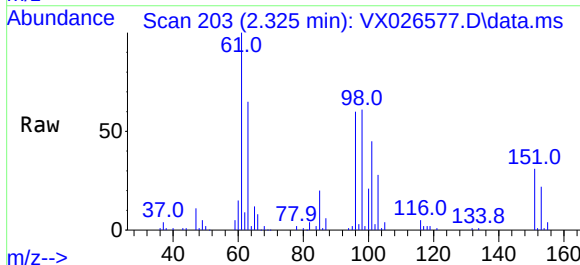
Ion	Ratio	Lower	Upper
101	100		
85	43.4	34.3	51.5
151	75.9	58.3	87.5

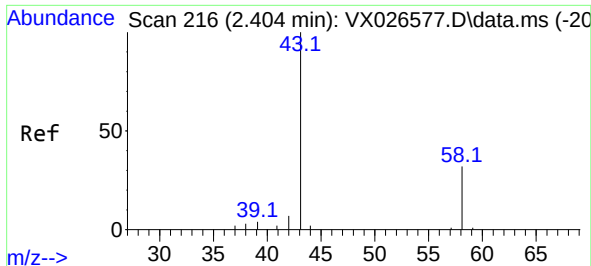


#12
1,1-Dichloroethene
Concen: 5.554 ug/L
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

Tgt Ion: 96 Resp: 19190

Ion	Ratio	Lower	Upper
96	100		
61	166.7	110.2	204.8
63	108.4	63.1	117.1





#13

Acetone

Concen: 62.512 ug/L

RT: 2.404 min Scan# 216

Delta R.T. 0.000 min

Lab File: VX026577.D

Acq: 25 Jan 2022 19:15

Instrument :

MSVOA_X

ClientSampleId :

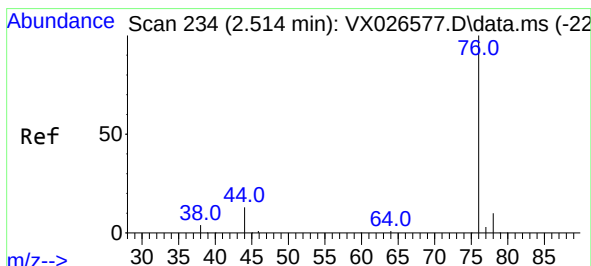
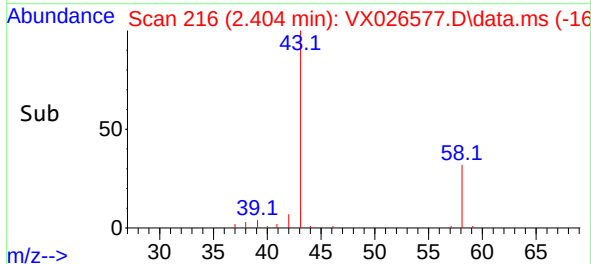
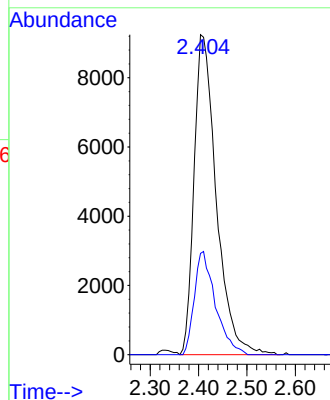
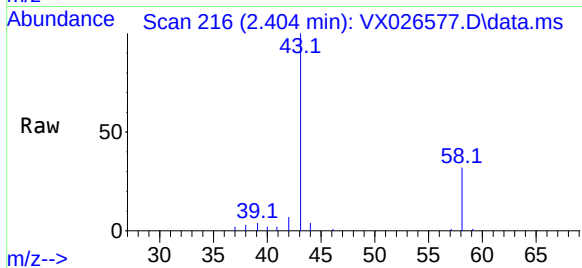
VSTD005626

Tgt Ion: 43 Resp: 29502

Ion Ratio Lower Upper

43 100

58 30.7 0.0 64.2



#14

Carbon disulfide

Concen: 6.099 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX026577.D

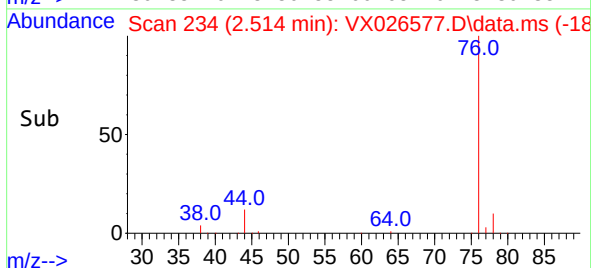
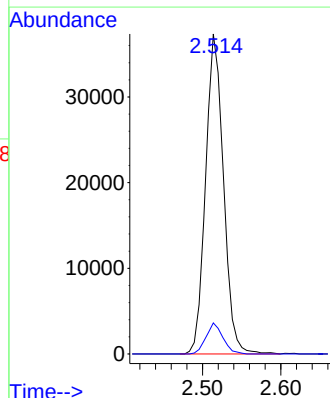
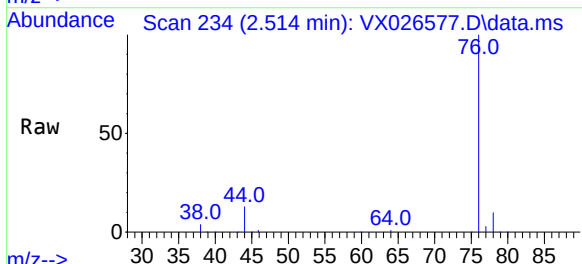
Acq: 25 Jan 2022 19:15

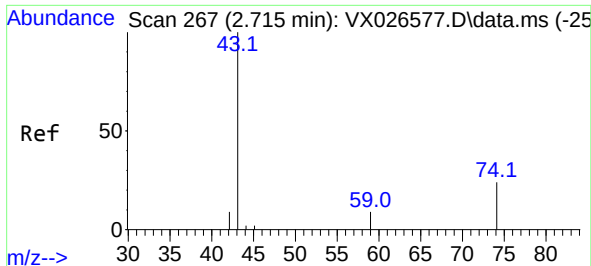
Tgt Ion: 76 Resp: 59253

Ion Ratio Lower Upper

76 100

78 9.7 7.1 10.7

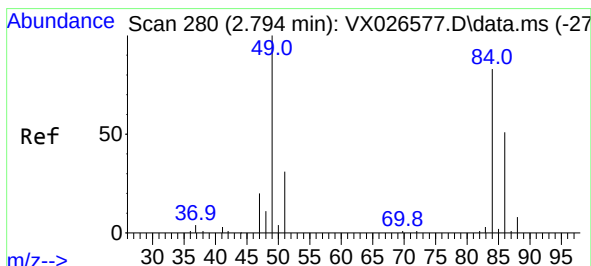
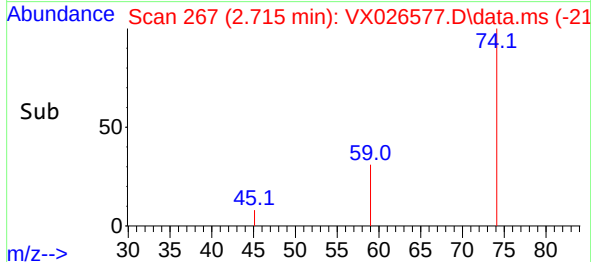
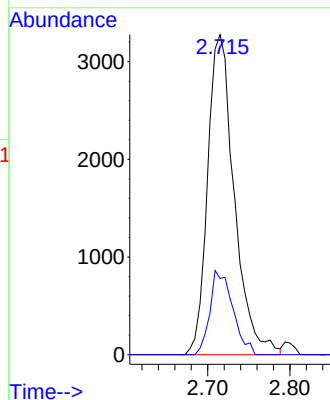
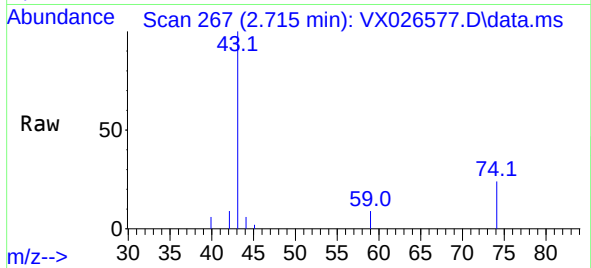




#15
Methyl Acetate
Concen: 6.663 ug/L
RT: 2.715 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

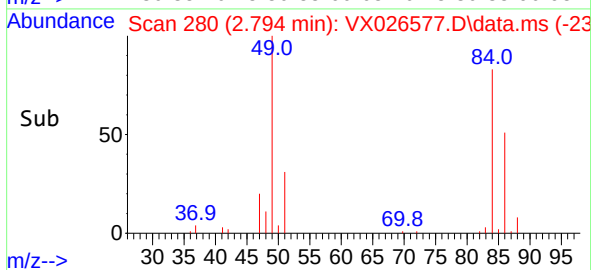
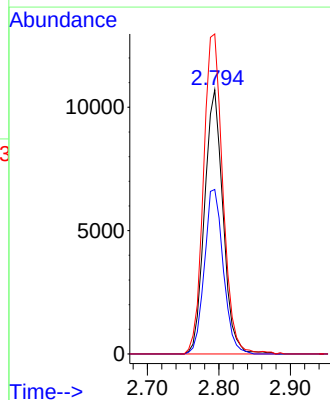
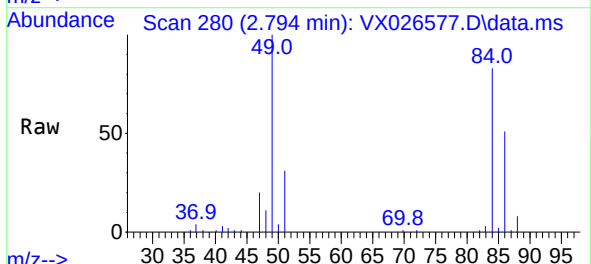
Instrument :
MSVOA_X
ClientSampleId :
VSTD005626

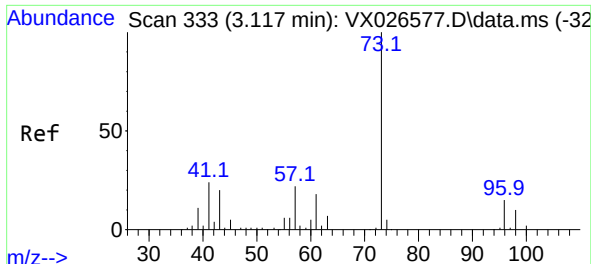
Tgt Ion: 43 Resp: 7375
Ion Ratio Lower Upper
43 100
74 22.5 26.8 40.2#



#16
Methylene chloride
Concen: 4.954 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

Tgt Ion: 84 Resp: 19245
Ion Ratio Lower Upper
84 100
86 62.3 49.5 91.9
49 121.2 62.7 116.5#

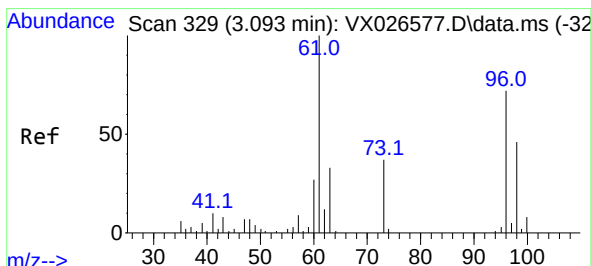
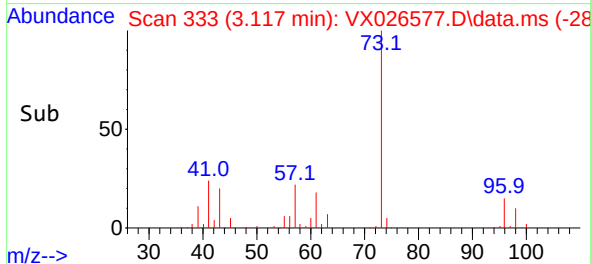
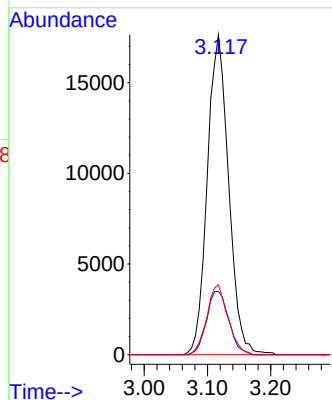
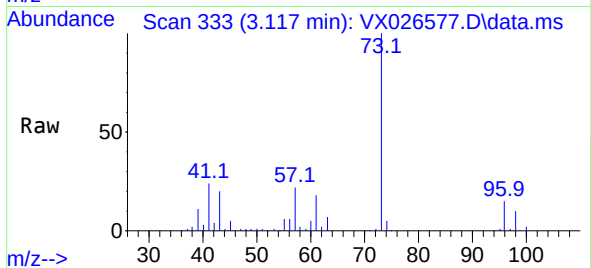




#17
Methyl tert-butyl Ether
Concen: 4.401 ug/L
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

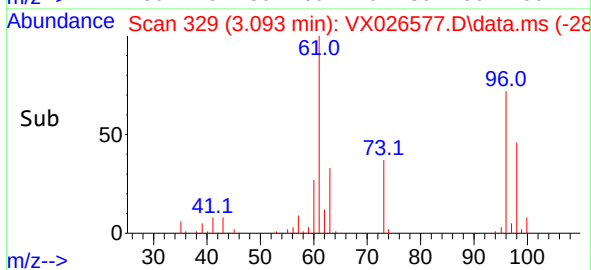
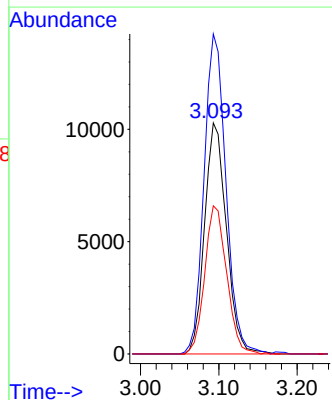
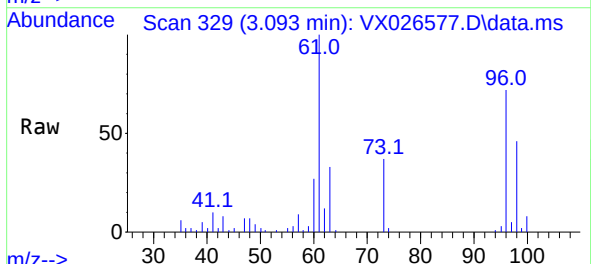
Instrument :
MSVOA_X
ClientSampleId :
VSTD005626

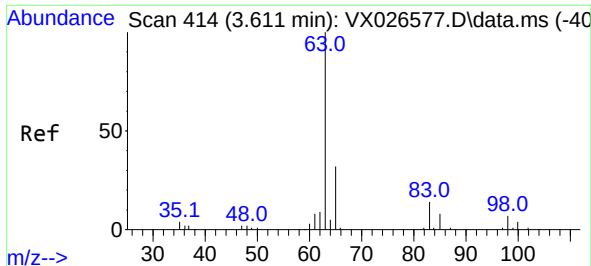
Tgt Ion: 73 Resp: 41356
Ion Ratio Lower Upper
73 100
43 20.5 13.6 20.4#
57 21.7 14.5 21.7



#18
trans-1,2-Dichloroethene
Concen: 5.017 ug/L
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

Tgt Ion: 96 Resp: 19912
Ion Ratio Lower Upper
96 100
61 138.5 92.7 172.3
98 64.1 46.6 86.6





#19

1,1-Dichloroethane

Concen: 5.053 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX026577.D

Acq: 25 Jan 2022 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTD005626

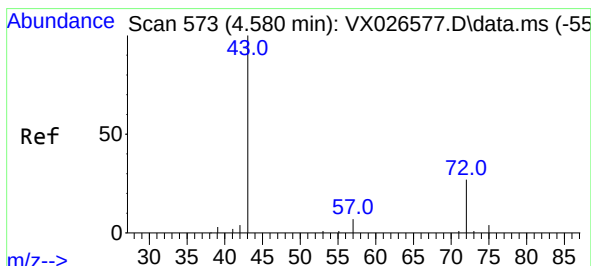
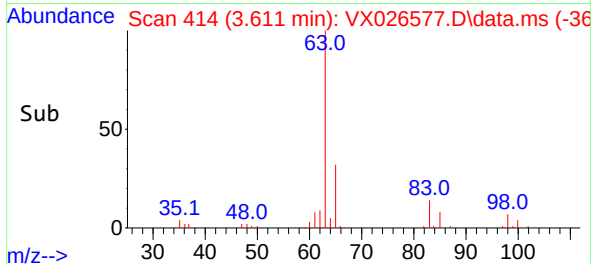
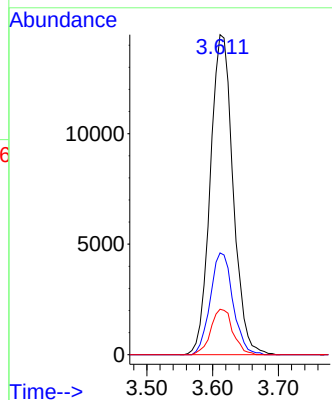
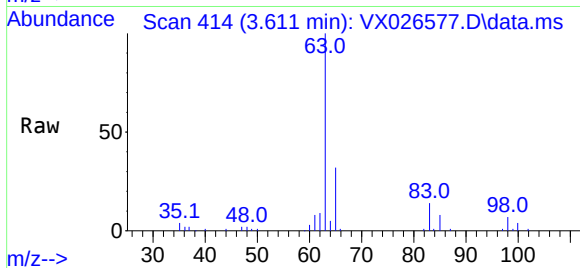
Tgt Ion: 63 Resp: 34907

Ion Ratio Lower Upper

63 100

65 31.8 22.3 41.3

83 14.2 11.5 21.3



#21

2-Butanone

Concen: 67.706 ug/L

RT: 4.580 min Scan# 573

Delta R.T. 0.000 min

Lab File: VX026577.D

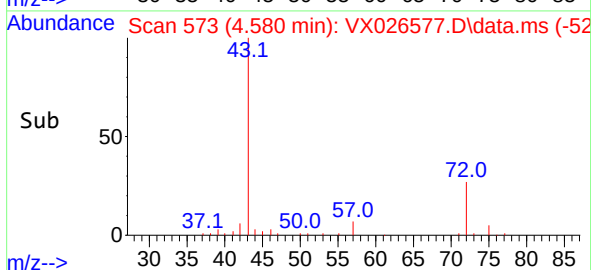
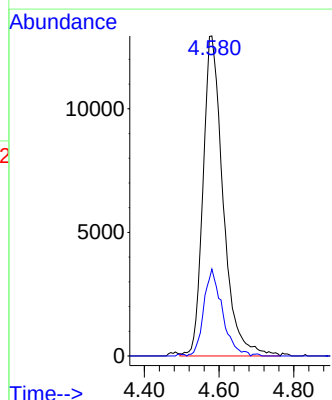
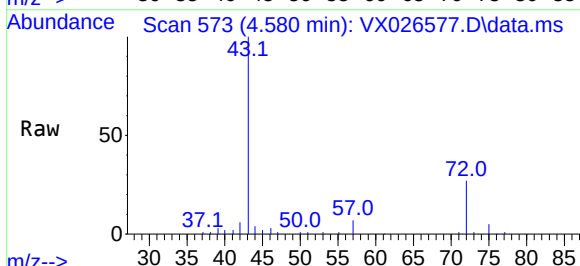
Acq: 25 Jan 2022 19:15

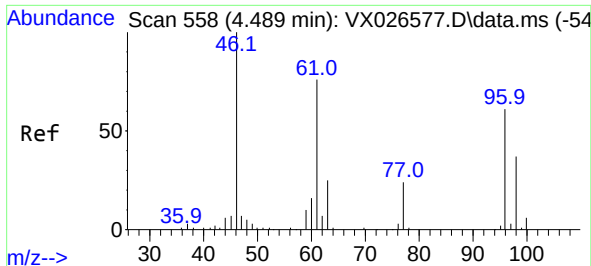
Tgt Ion: 43 Resp: 48300

Ion Ratio Lower Upper

43 100

72 25.0 18.9 56.9

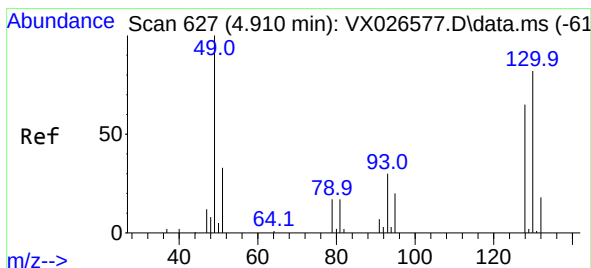
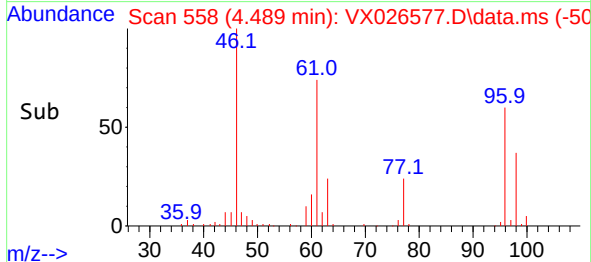
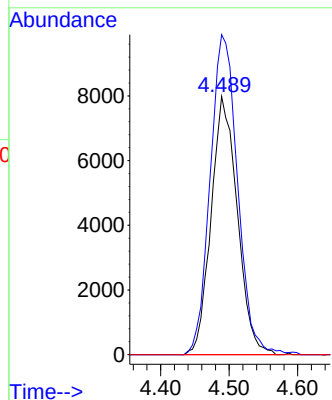
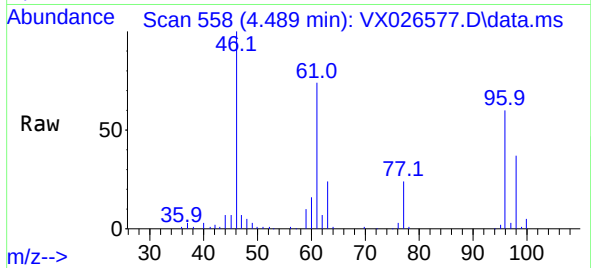




#22
cis-1,2-Dichloroethene
Concen: 5.026 ug/L
RT: 4.489 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

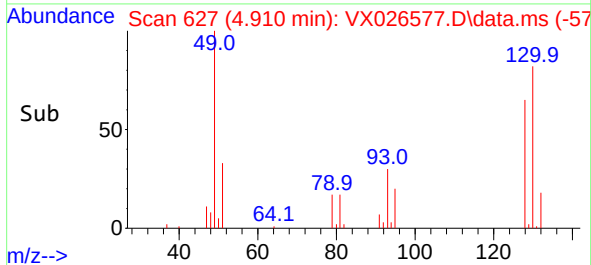
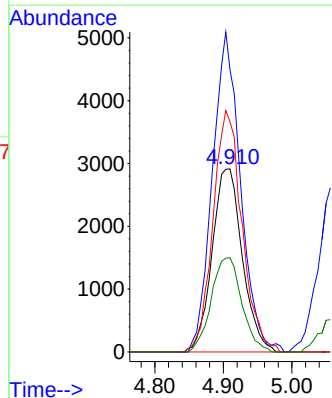
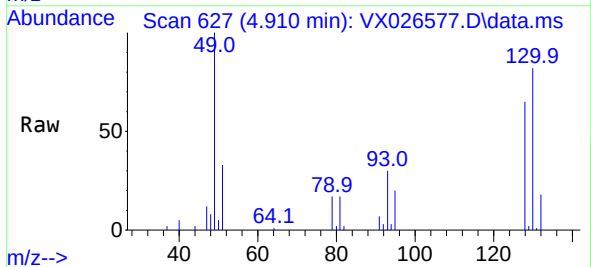
Instrument :
MSVOA_X
ClientSampleId :
VSTD005626

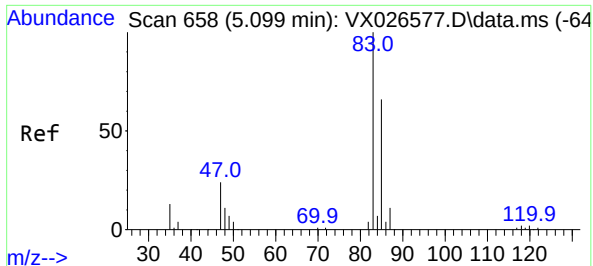
Tgt Ion: 96 Resp: 21201
Ion Ratio Lower Upper
96 100
61 123.9 90.3 167.7
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 4.707 ug/L
RT: 4.910 min Scan# 627
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

Tgt Ion: 128 Resp: 8927
Ion Ratio Lower Upper
128 100
49 154.4 85.8 159.3
130 125.9 81.4 151.2
51 51.5 28.8 43.2#





#25

Chloroform

Concen: 4.525 ug/L

RT: 5.099 min Scan# 6

Delta R.T. 0.000 min

Lab File: VX026577.D

Acq: 25 Jan 2022 19:15

Instrument :

MSVOA_X

ClientSampleId :

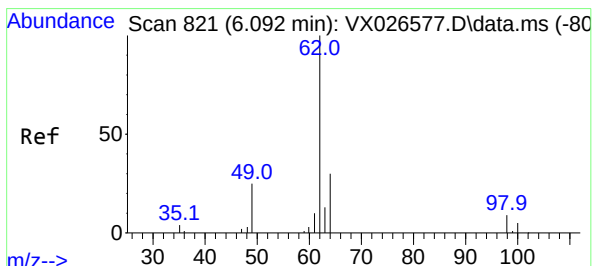
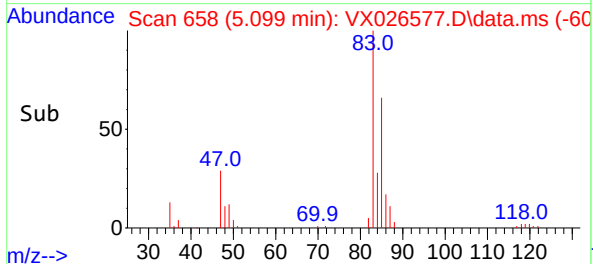
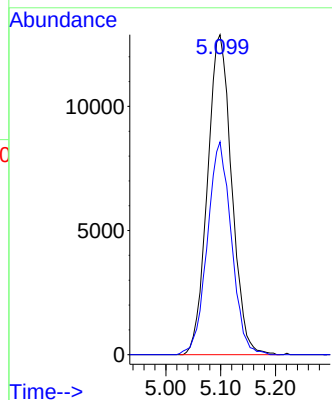
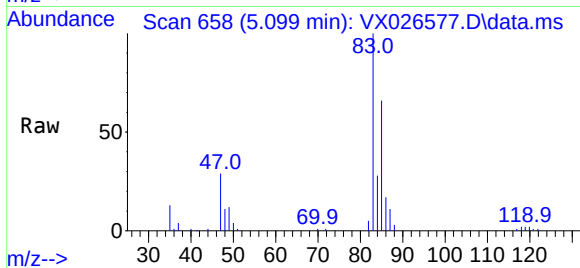
VSTD005626

Tgt Ion: 83 Resp: 39502

Ion Ratio Lower Upper

83 100

85 66.5 47.0 87.4



#27

1,2-Dichloroethane

Concen: 4.254 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX026577.D

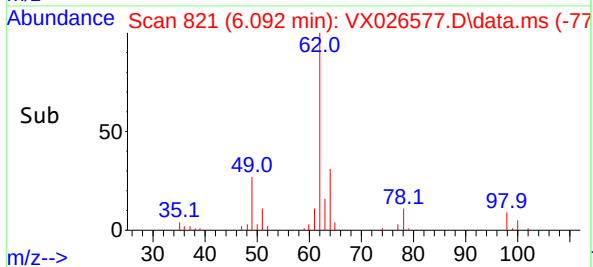
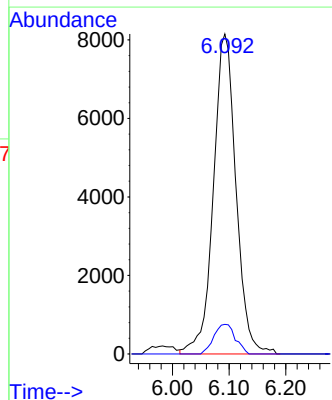
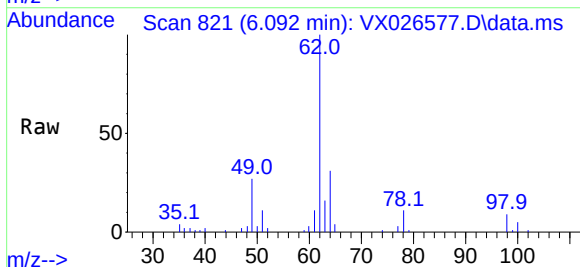
Acq: 25 Jan 2022 19:15

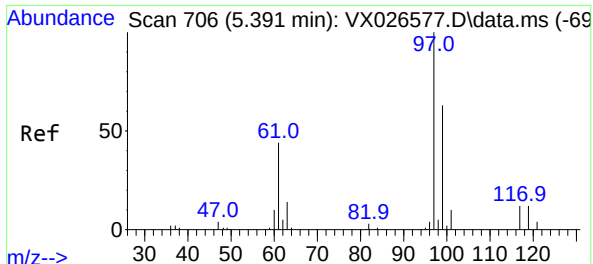
Tgt Ion: 62 Resp: 22541

Ion Ratio Lower Upper

62 100

98 9.3 4.1 6.1#

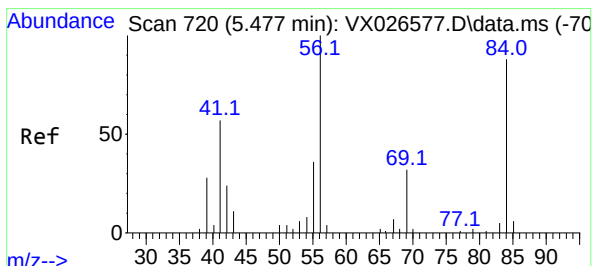
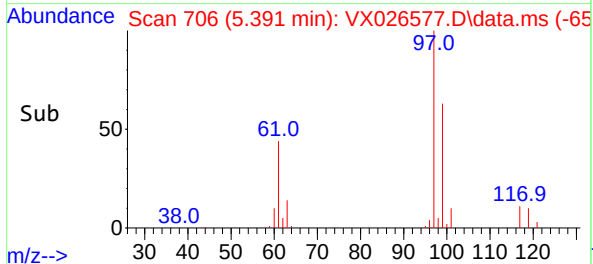
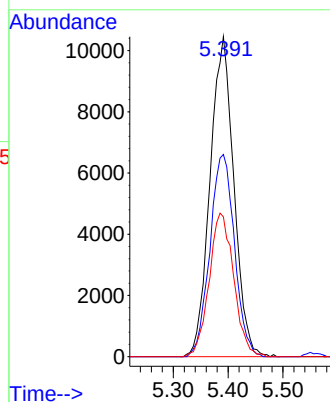
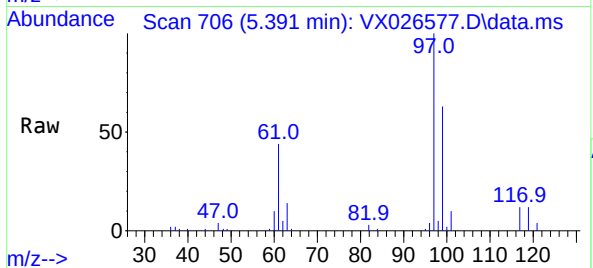




#29
1,1,1-Trichloroethane
Concen: 3.573 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

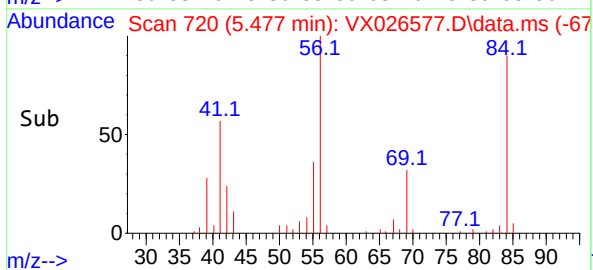
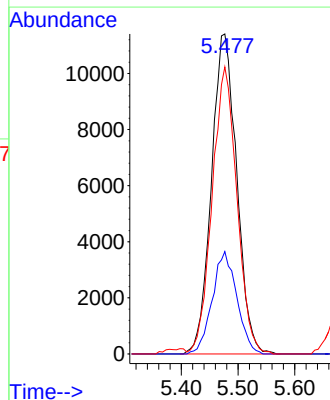
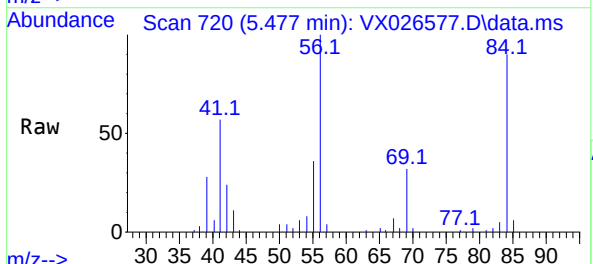
Instrument :
MSVOA_X
ClientSampleId :
VSTD005626

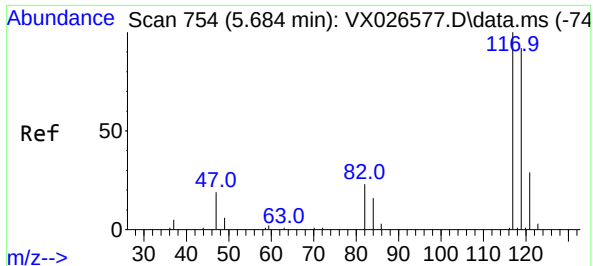
Tgt Ion:	97	Resp:	31490
Ion	Ratio	Lower	Upper
97	100		
99	65.3	50.2	75.4
61	46.2	27.0	40.6



#30
Cyclohexane
Concen: 5.766 ug/L
RT: 5.477 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

Tgt Ion:	56	Resp:	35289
Ion	Ratio	Lower	Upper
56	100		
69	31.1	27.1	40.7
84	87.9	81.0	121.4

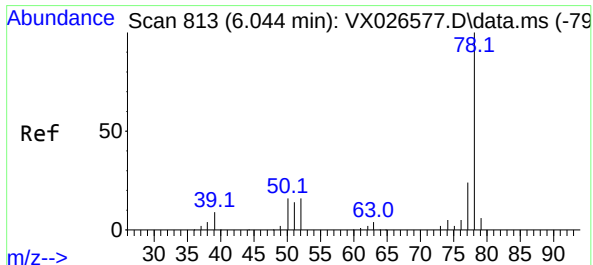
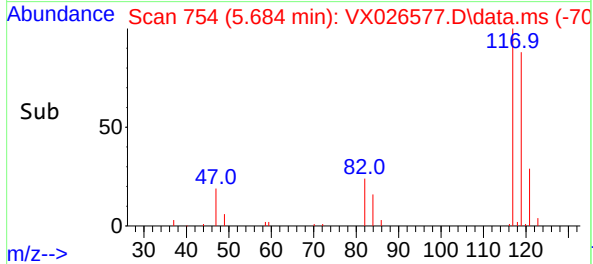
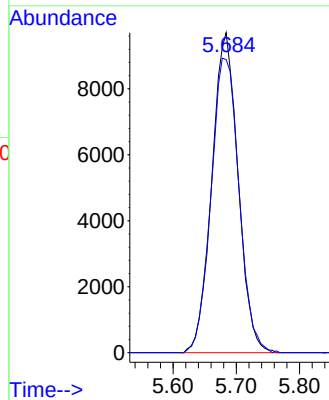
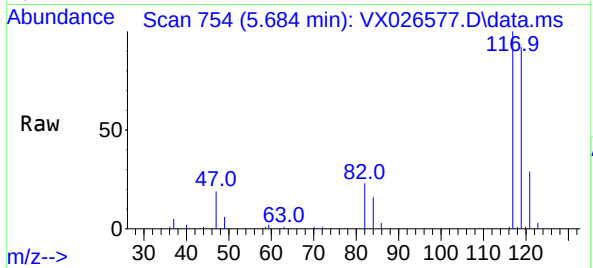




#31
Carbon tetrachloride
Concen: 3.639 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

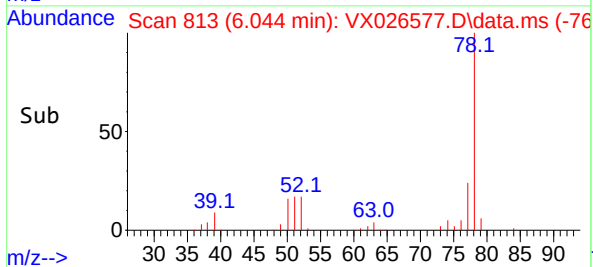
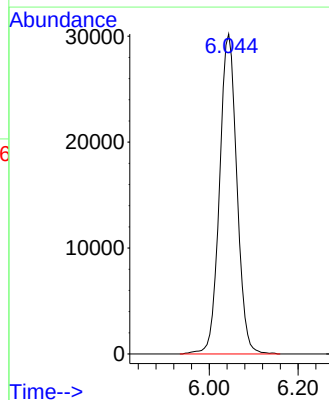
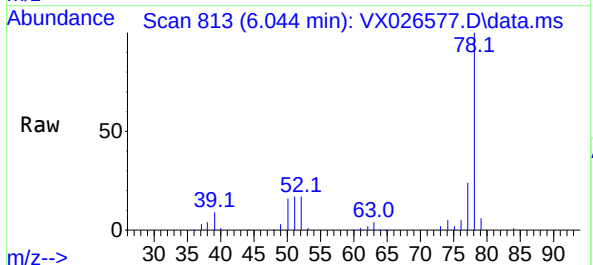
Instrument :
MSVOA_X
ClientSampleId :
VSTD005626

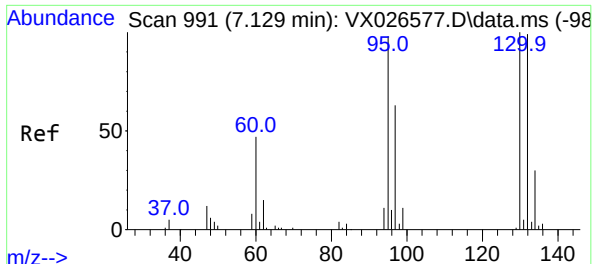
Tgt Ion:117 Resp: 27848
Ion Ratio Lower Upper
117 100
119 98.3 76.9 115.3



#33
Benzene
Concen: 5.091 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

Tgt Ion: 78 Resp: 81538



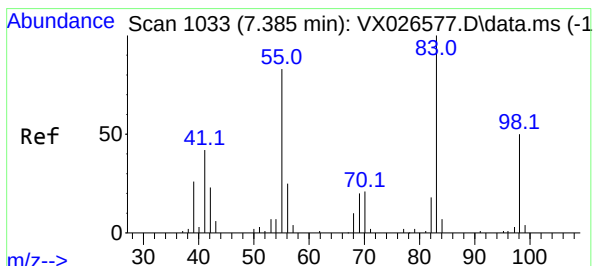
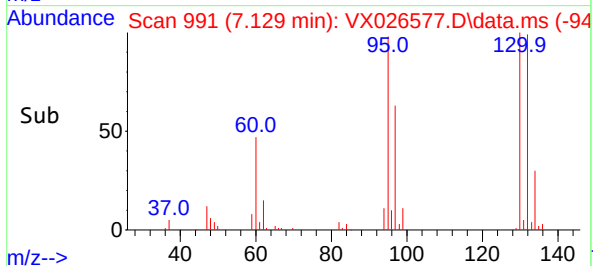
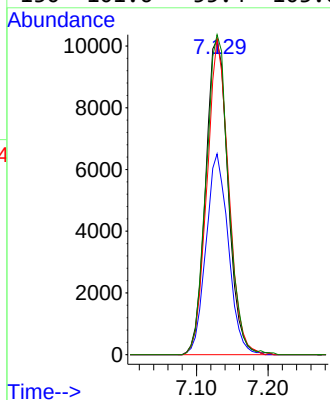
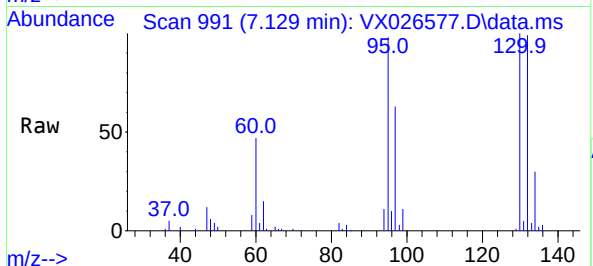


#34
Trichloroethene
Concen: 4.398 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTD005626

Tgt Ion: 95 Resp: 22219

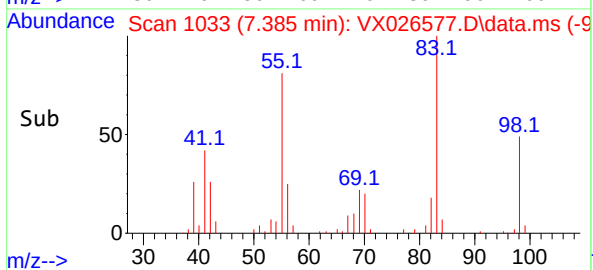
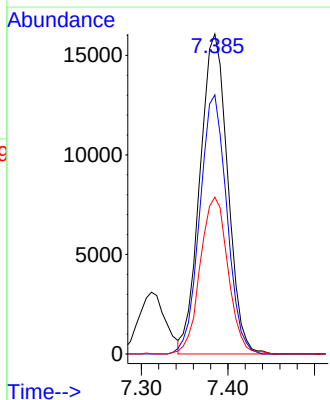
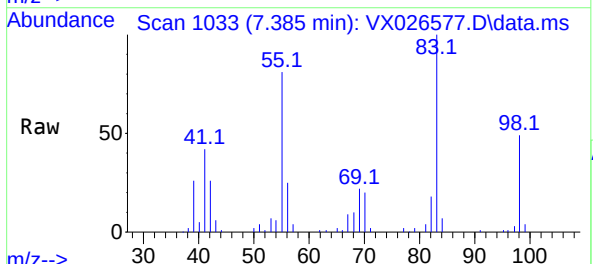
Ion	Ratio	Lower	Upper
95	100		
97	63.8	46.6	86.6
132	100.4	58.4	108.6
130	101.6	55.4	103.0

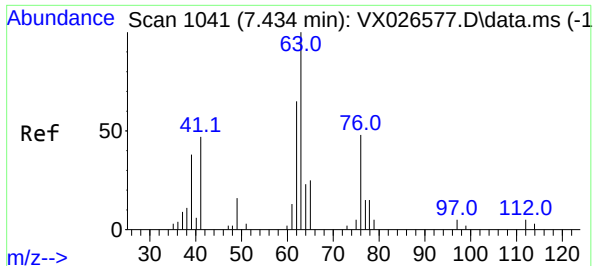


#35
Methylcyclohexane
Concen: 4.961 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

Tgt Ion: 83 Resp: 35742

Ion	Ratio	Lower	Upper
83	100		
55	78.9	55.7	83.5
98	49.2	38.3	57.5

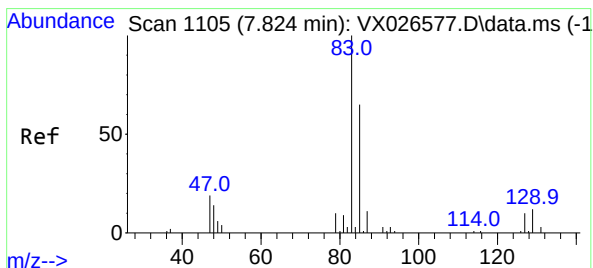
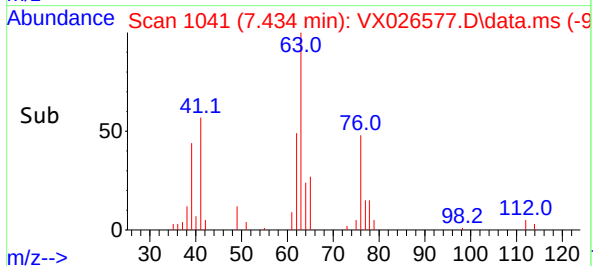
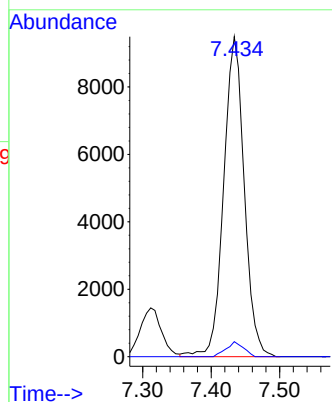
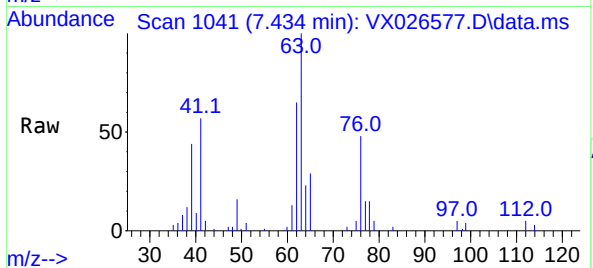




#37
1,2-Dichloropropane
Concen: 5.016 ug/L
RT: 7.434 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

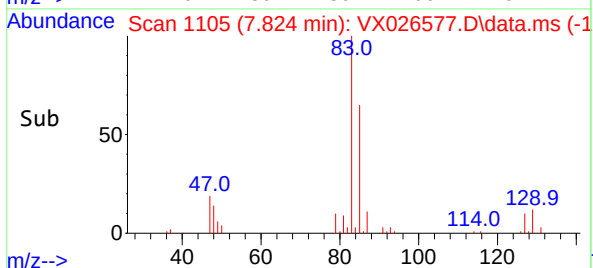
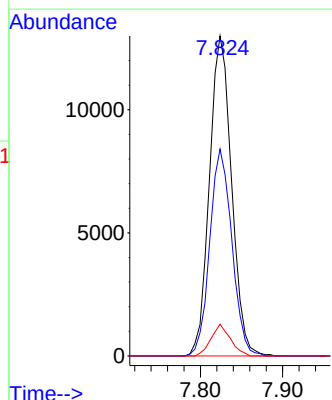
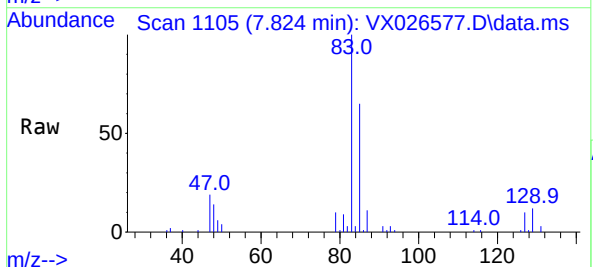
Instrument :
MSVOA_X
ClientSampleId :
VSTD005626

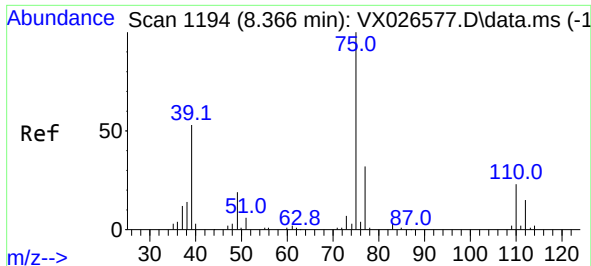
Tgt Ion: 63 Resp: 19745
Ion Ratio Lower Upper
63 100
112 3.9 3.5 5.3



#38
Bromodichloromethane
Concen: 3.936 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

Tgt Ion: 83 Resp: 24276
Ion Ratio Lower Upper
83 100
85 64.7 43.5 80.9
127 9.9 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.117 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX026577.D

Acq: 25 Jan 2022 19:15

Instrument :

MSVOA_X

ClientSampleId :

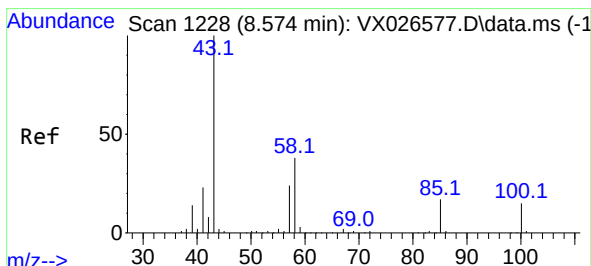
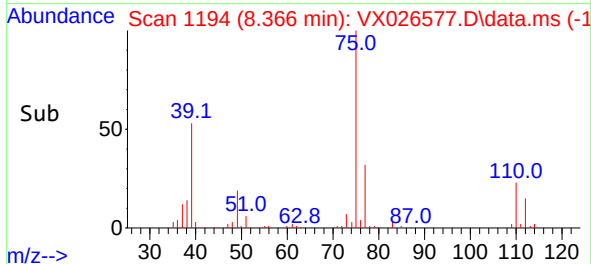
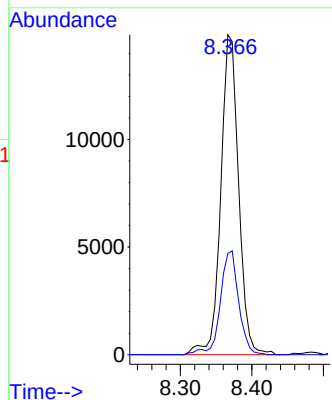
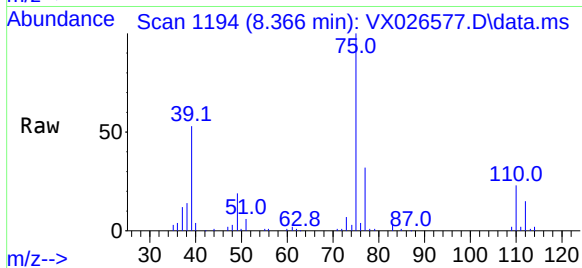
VSTD005626

Tgt Ion: 75 Resp: 25782

Ion Ratio Lower Upper

75 100

77 31.6 20.9 38.9



#40

4-Methyl-2-pentanone

Concen: 60.978 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX026577.D

Acq: 25 Jan 2022 19:15

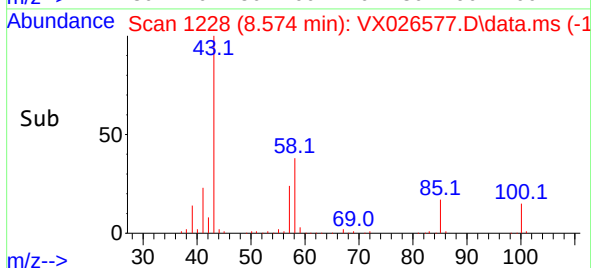
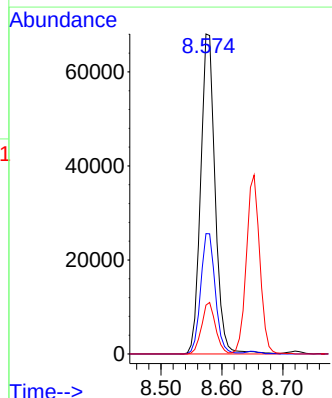
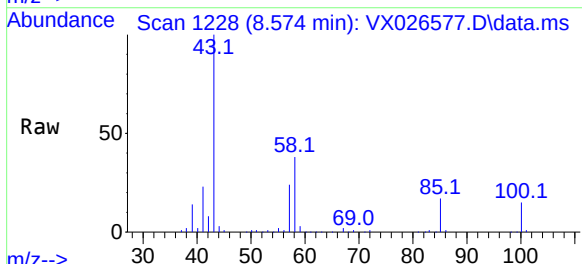
Tgt Ion: 43 Resp: 112624

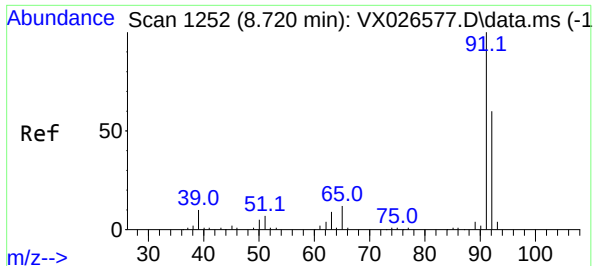
Ion Ratio Lower Upper

43 100

58 37.9 40.1 60.1#

100 15.5 17.4 26.0#





#42

Toluene

Concen: 4.735 ug/L

RT: 8.720 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX026577.D

Acq: 25 Jan 2022 19:15

Instrument :

MSVOA_X

ClientSampleId :

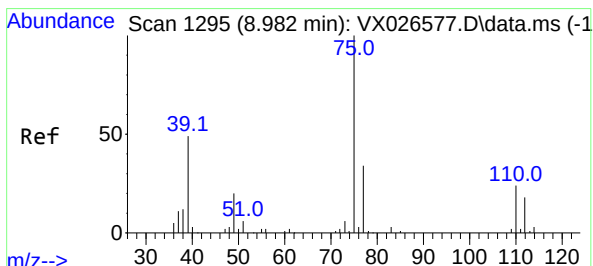
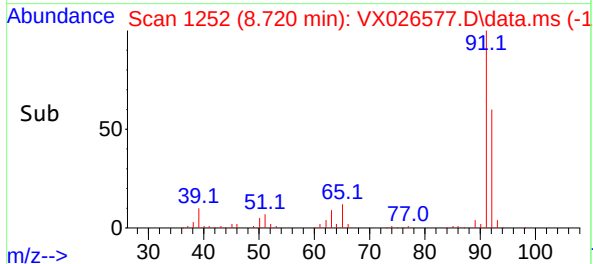
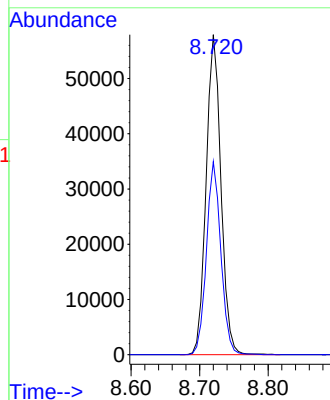
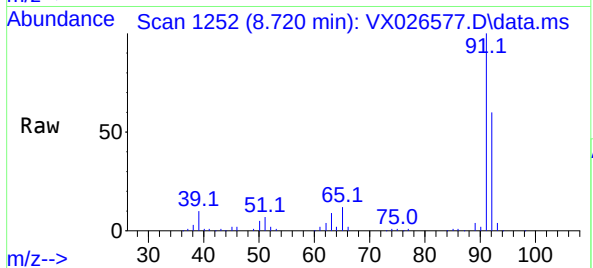
VSTD005626

Tgt Ion: 91 Resp: 87103

Ion Ratio Lower Upper

91 100

92 60.3 39.1 72.5



#44

trans-1,3-Dichloropropene

Concen: 3.624 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX026577.D

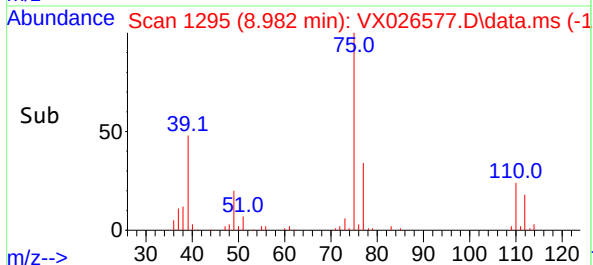
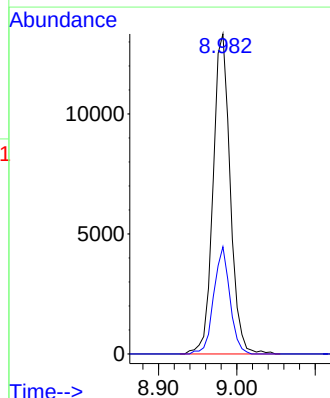
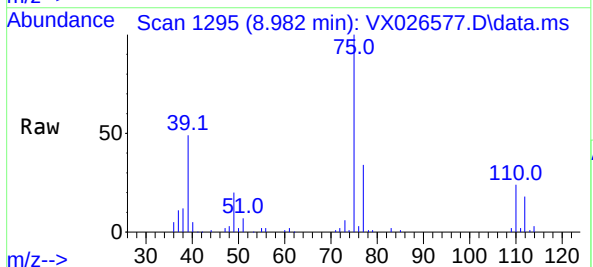
Acq: 25 Jan 2022 19:15

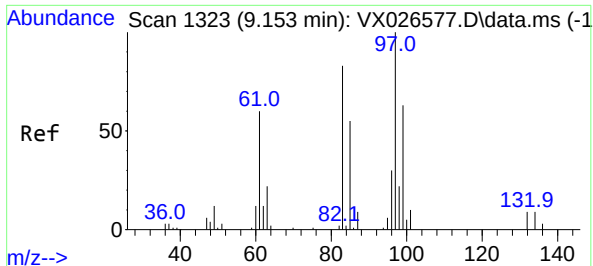
Tgt Ion: 75 Resp: 20251

Ion Ratio Lower Upper

75 100

77 33.5 23.4 43.4





#45

1,1,2-Trichloroethane

Concen: 4.296 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX026577.D

Acq: 25 Jan 2022 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTD005626

Tgt Ion: 97 Resp: 13197

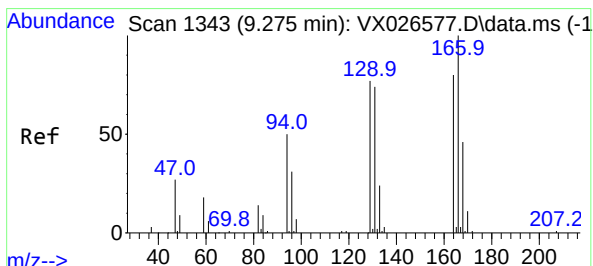
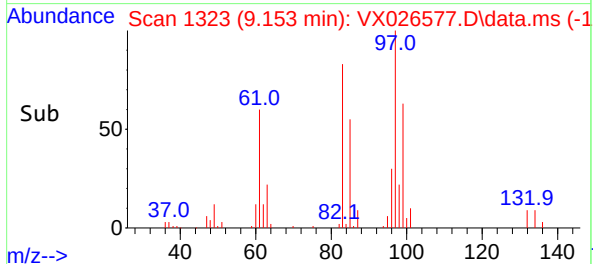
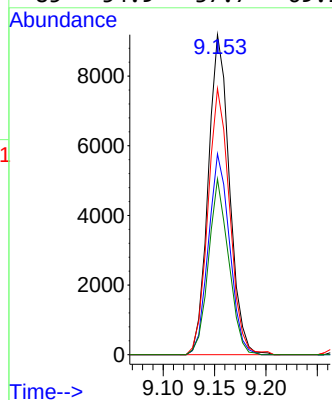
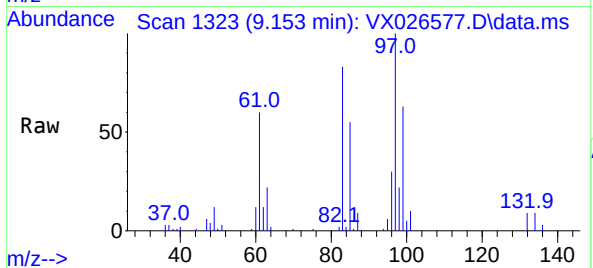
Ion Ratio Lower Upper

97 100

99 62.7 46.8 86.8

83 83.2 63.6 118.2

85 54.9 37.7 69.9



#47

Tetrachloroethene

Concen: 4.643 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX026577.D

Acq: 25 Jan 2022 19:15

Tgt Ion:164 Resp: 16791

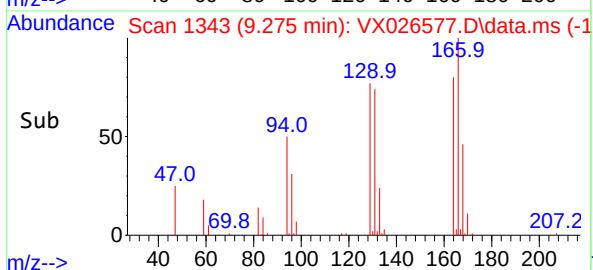
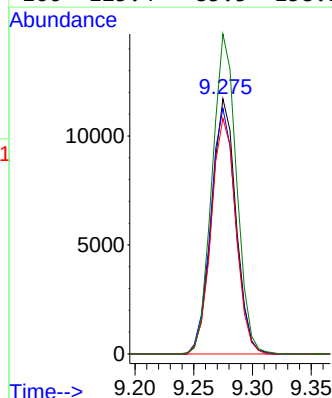
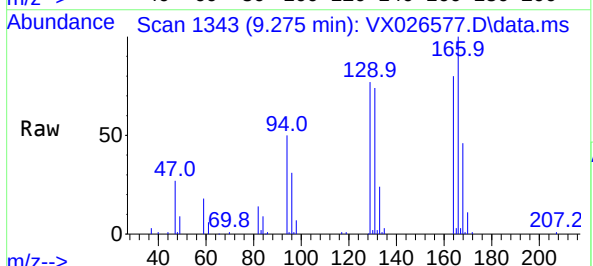
Ion Ratio Lower Upper

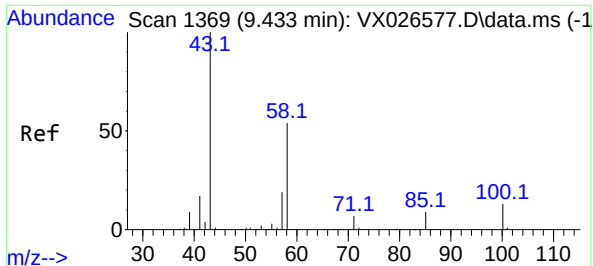
164 100

129 96.3 81.8 152.0

131 92.3 82.9 153.9

166 125.4 85.5 158.9

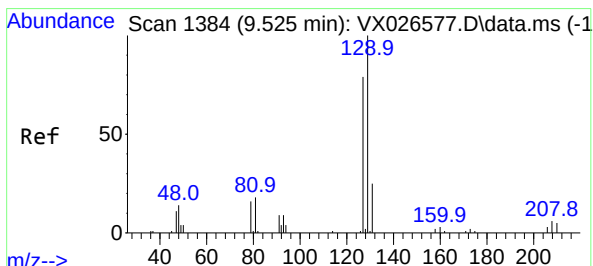
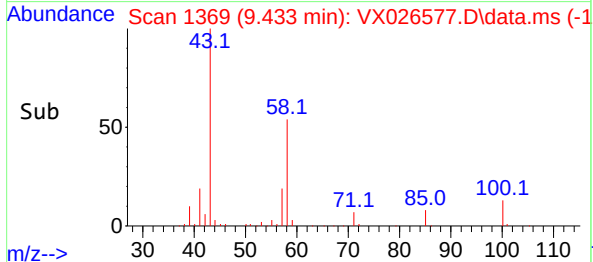
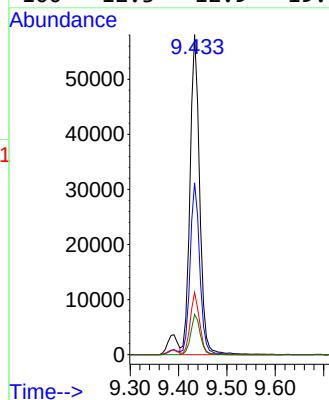
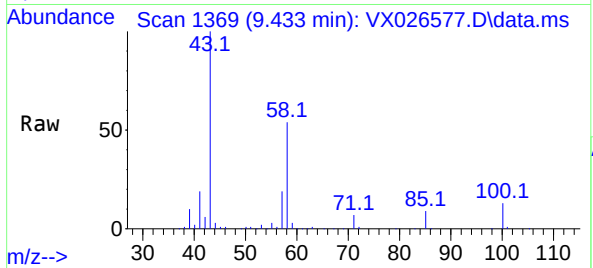




#48
2-Hexanone
Concen: 60.134 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

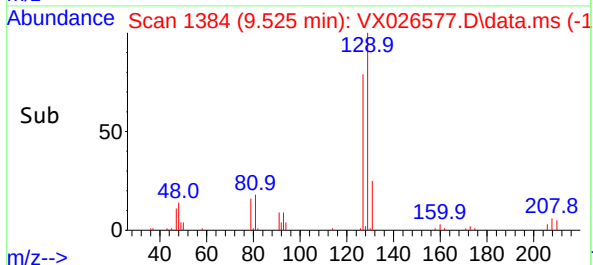
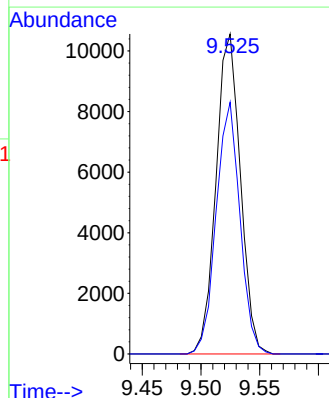
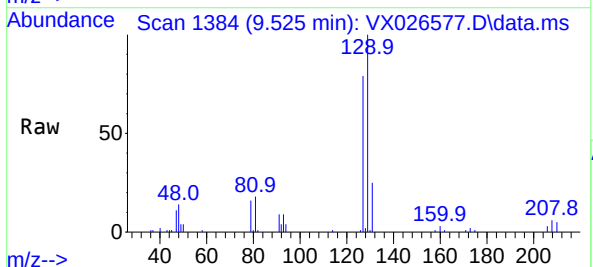
Instrument :
MSVOA_X
ClientSampleId :
VSTD005626

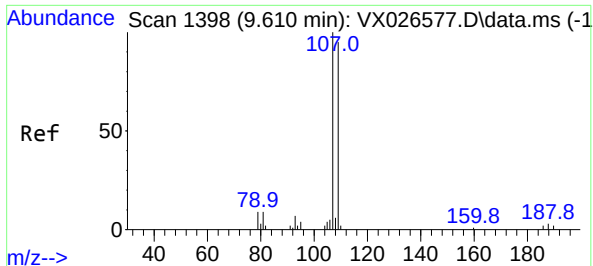
Tgt Ion:	43	Resp:	80765
Ion	Ratio	Lower	Upper
43	100		
58	53.6	52.7	79.1
57	18.7	21.2	31.8#
100	12.3	12.9	19.3#



#49
Dibromochloromethane
Concen: 3.915 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

Tgt Ion:	129	Resp:	15240
Ion	Ratio	Lower	Upper
129	100		
127	78.6	52.5	97.5

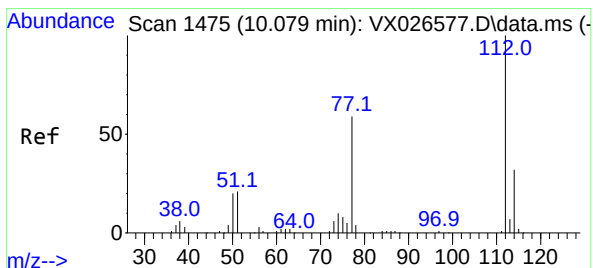
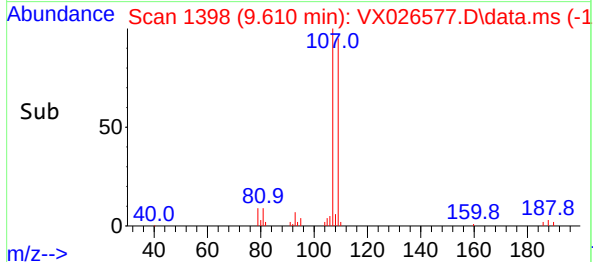
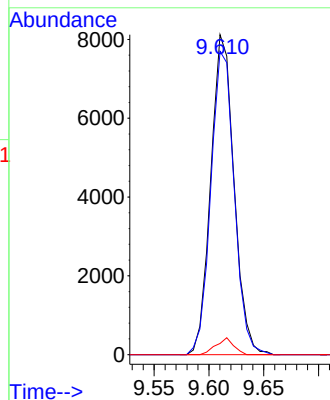
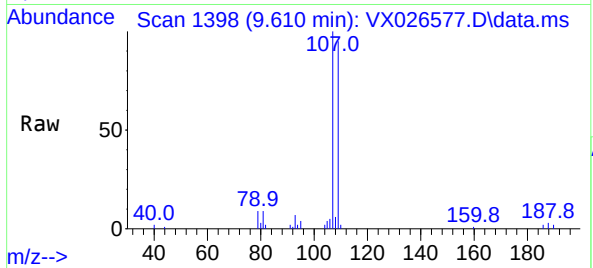




#50
1,2-Dibromoethane
Concen: 3.999 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

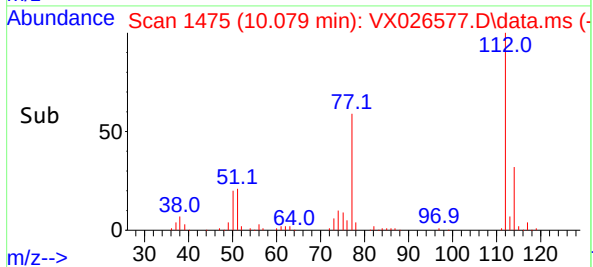
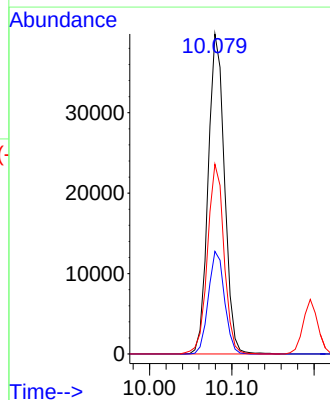
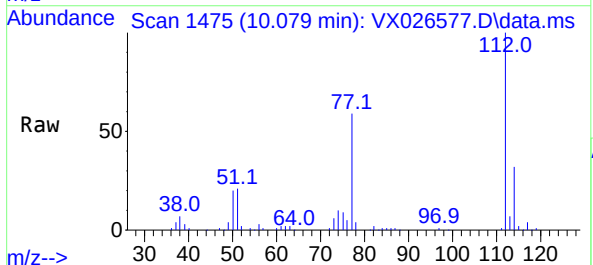
Instrument :
MSVOA_X
ClientSampleId :
VSTD005626

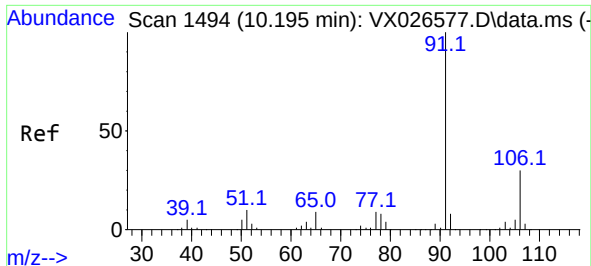
Tgt Ion:	107	Resp:	11962
Ion	Ratio	Lower	Upper
107	100		
109	94.8	61.7	114.7
188	3.5	2.6	4.0



#51
Chlorobenzene
Concen: 4.694 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

Tgt Ion:	112	Resp:	54734
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.8	42.4
77	59.3	52.7	79.1

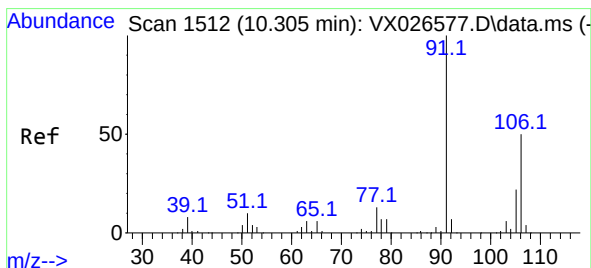
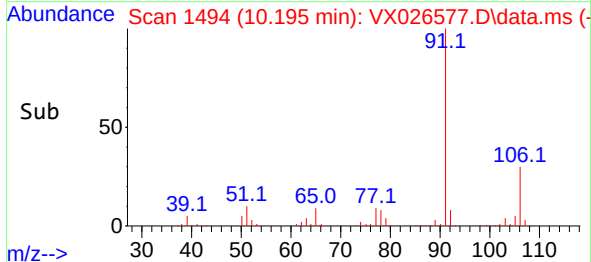
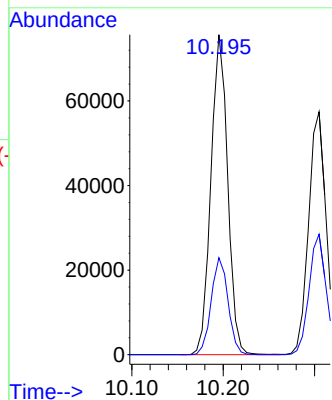
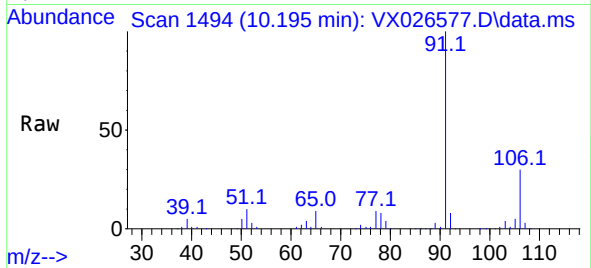




#52
Ethylbenzene
Concen: 4.491 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

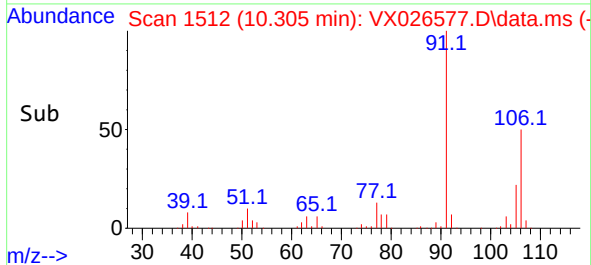
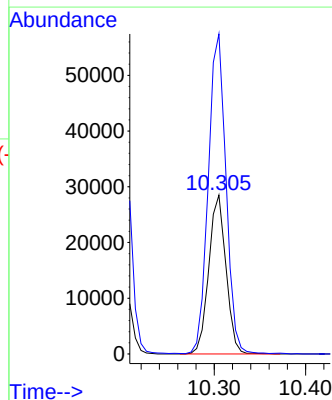
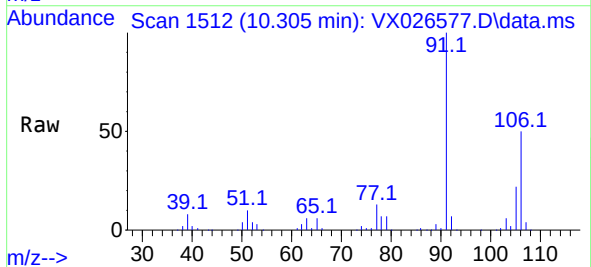
Instrument :
MSVOA_X
ClientSampleId :
VSTD005626

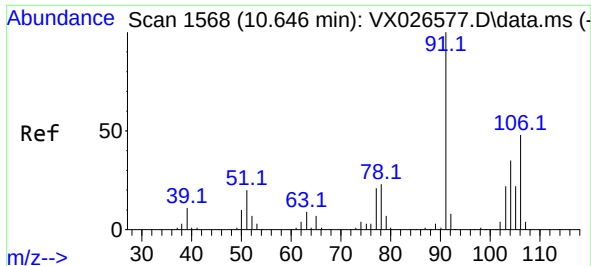
Tgt Ion: 91 Resp: 96068
Ion Ratio Lower Upper
91 100
106 30.3 20.1 37.3



#53
m,p-xylene
Concen: 4.826 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

Tgt Ion: 106 Resp: 37169
Ion Ratio Lower Upper
106 100
91 201.4 161.7 300.3

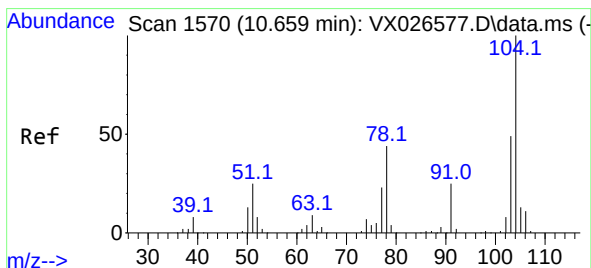
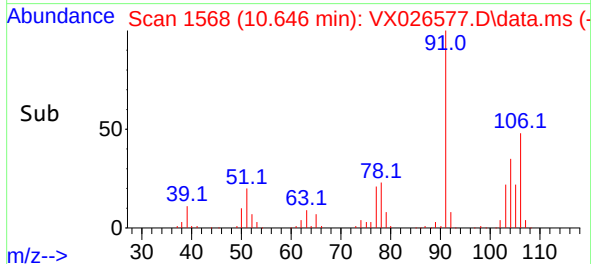
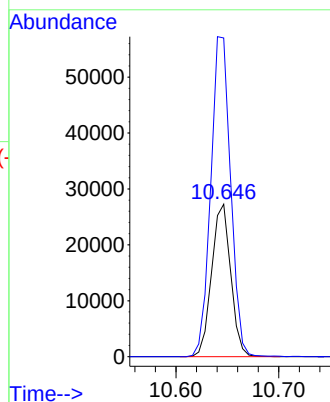
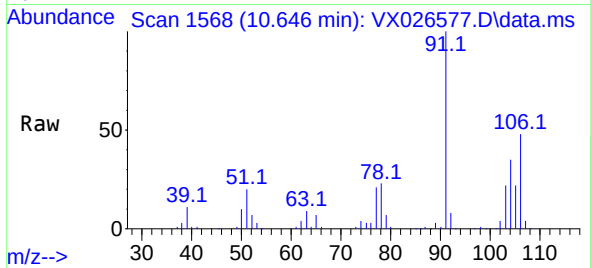




#54
o-xylene
Concen: 4.682 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

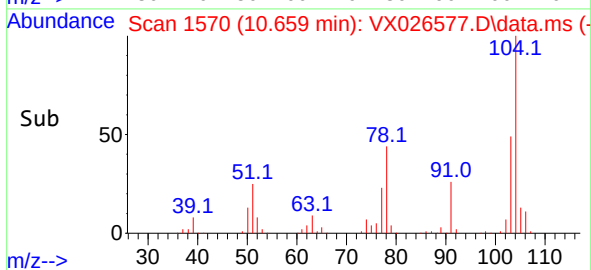
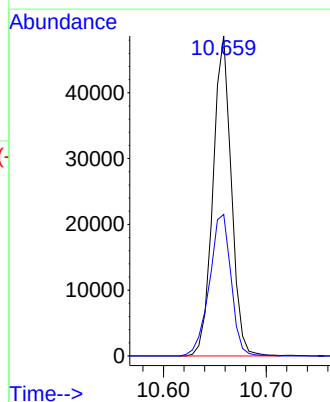
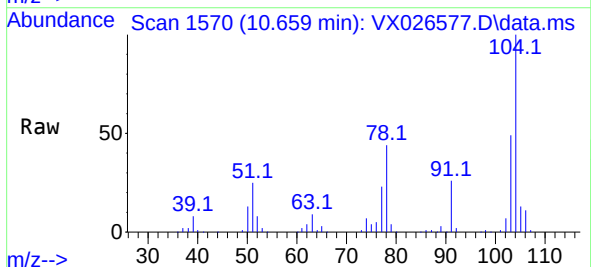
Instrument :
MSVOA_X
ClientSampleId :
VSTD005626

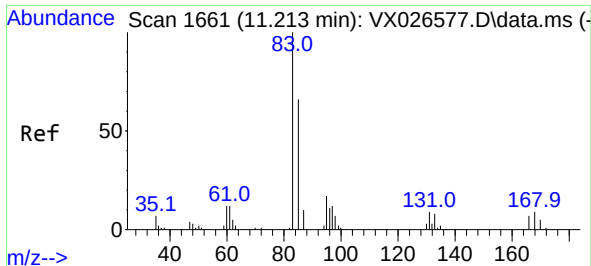
Tgt Ion:106 Resp: 35258
Ion Ratio Lower Upper
106 100
91 208.9 172.9 321.1



#55
Styrene
Concen: 4.792 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

Tgt Ion:104 Resp: 60183
Ion Ratio Lower Upper
104 100
78 44.3 37.1 68.9

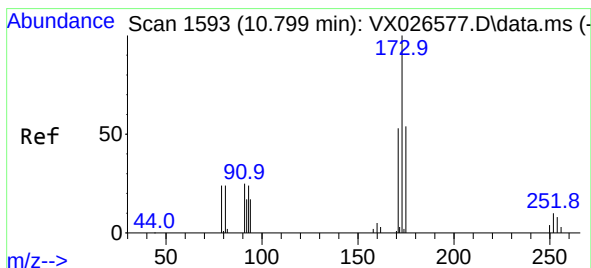
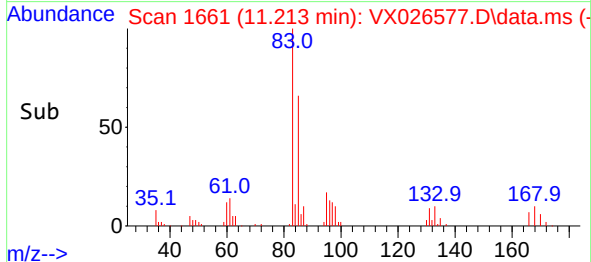
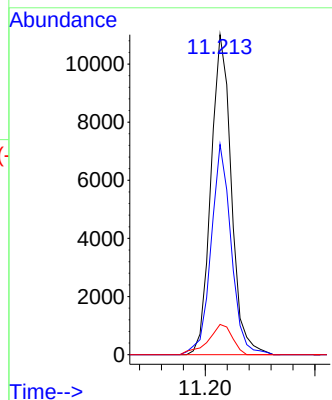
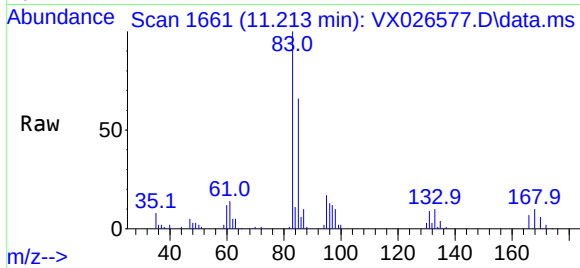




#57
1,1,2,2-Tetrachloroethane
Concen: 4.078 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

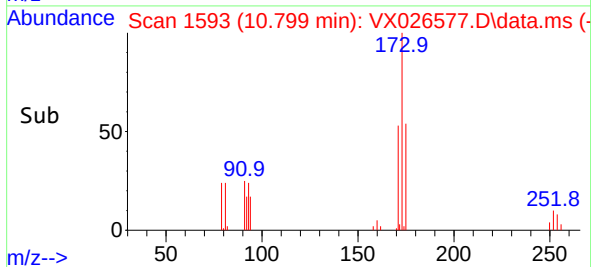
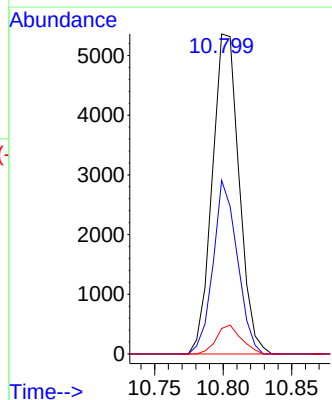
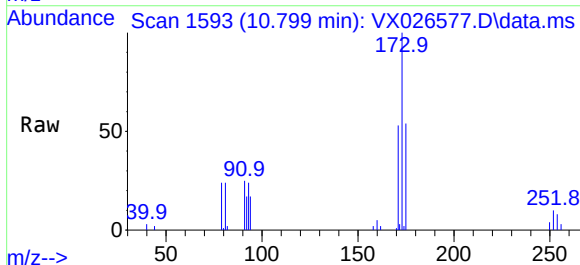
Instrument :
MSVOA_X
ClientSampleId :
VSTD005626

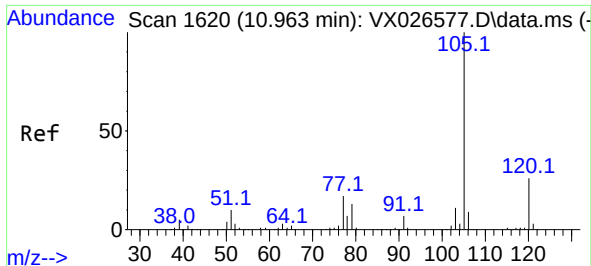
Tgt Ion:	83	Resp:	14227
Ion	Ratio	Lower	Upper
83	100		
85	65.7	44.9	83.5
131	9.4	7.7	11.5



#59
Bromoform
Concen: 3.659 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

Tgt Ion:	173	Resp:	7296
Ion	Ratio	Lower	Upper
173	100		
175	48.9	38.4	57.6
254	8.4	4.6	7.0#

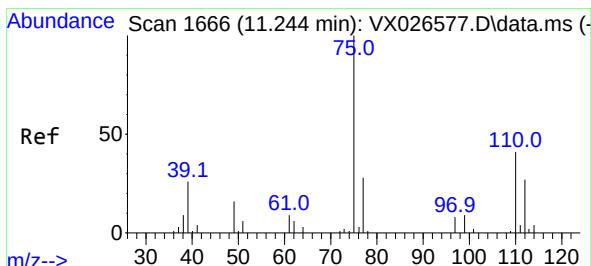
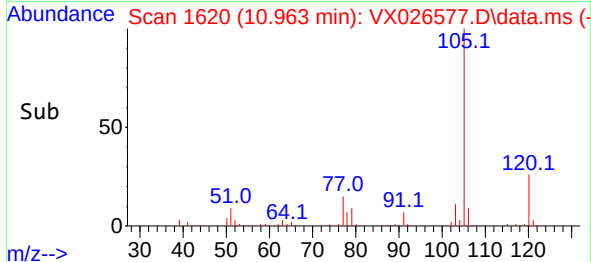
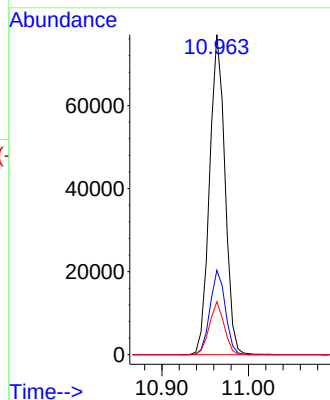
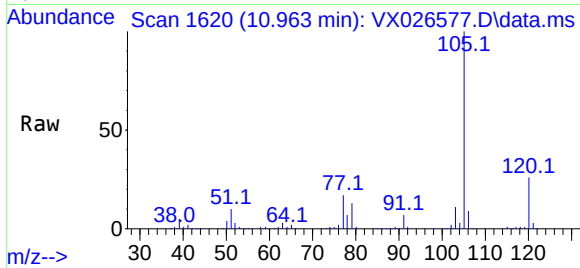




#60
Isopropylbenzene
Concen: 4.112 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

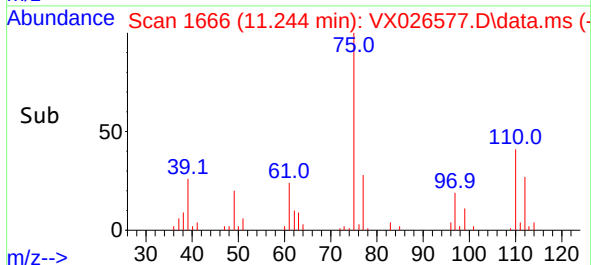
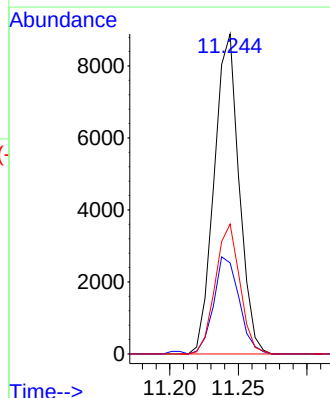
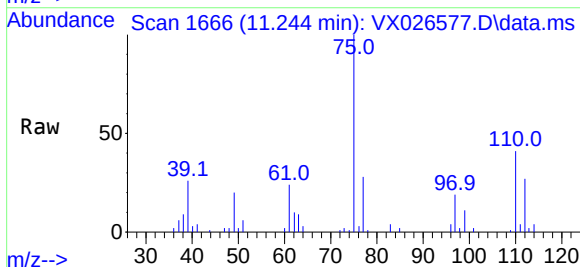
Instrument :
MSVOA_X
ClientSampleId :
VSTD005626

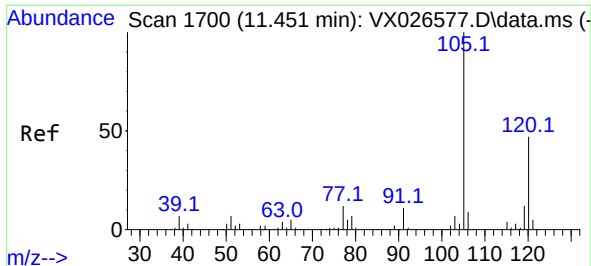
Tgt Ion:	105	Resp:	95076
Ion Ratio	Lower	Upper	
105	100		
120	26.2	19.0	28.6
77	15.9	13.7	20.5



#61
1,2,3-Trichloropropane
Concen: 3.969 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

Tgt Ion:	75	Resp:	11257
Ion Ratio	Lower	Upper	
75	100		
77	31.4	28.1	42.1
110	39.8	34.7	52.1

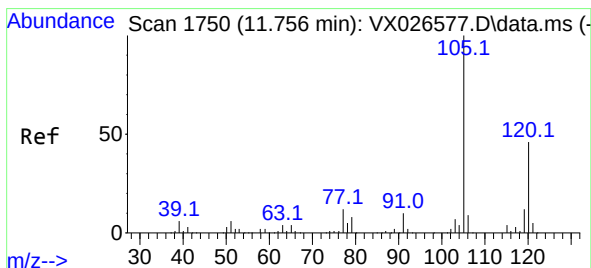
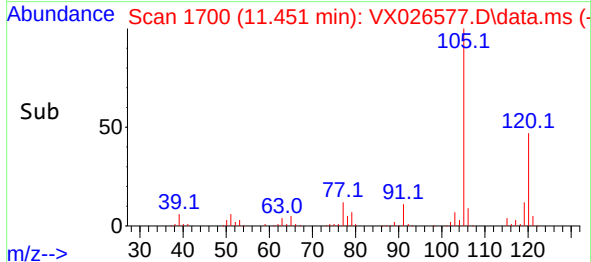
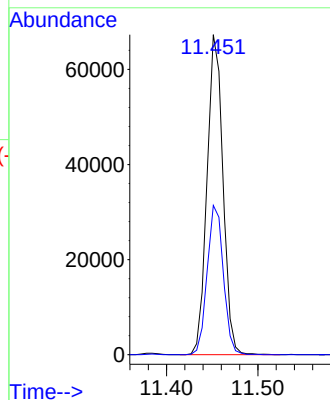
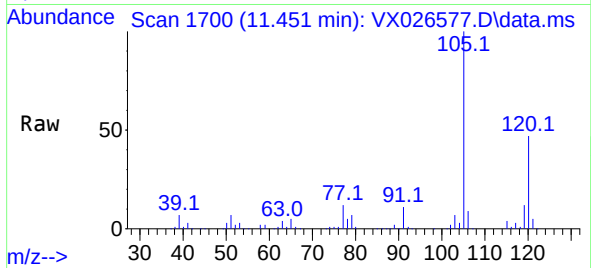




#62
1,3,5-Trimethylbenzene
Concen: 4.030 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

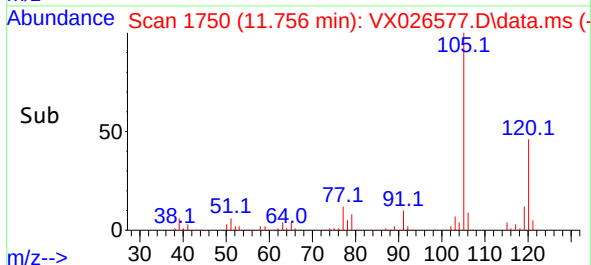
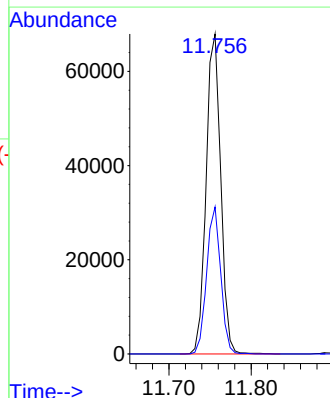
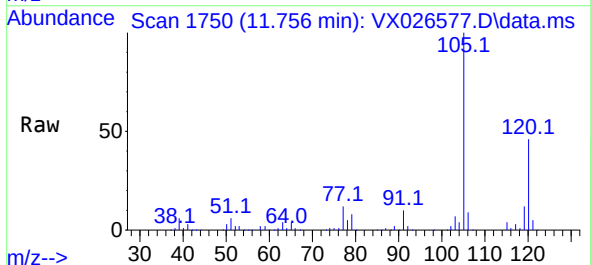
Instrument :
MSVOA_X
ClientSampleId :
VSTD005626

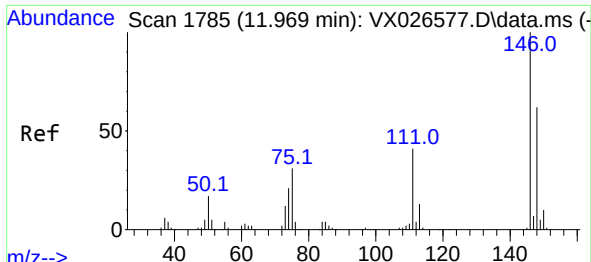
Tgt Ion:105 Resp: 81232
Ion Ratio Lower Upper
105 100
120 47.4 33.6 50.4



#63
1,2,4-Trimethylbenzene
Concen: 4.043 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

Tgt Ion:105 Resp: 83718
Ion Ratio Lower Upper
105 100
120 44.3 32.3 48.5

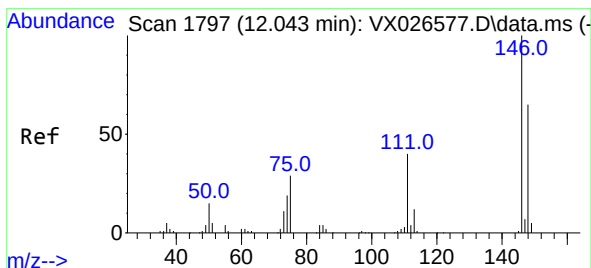
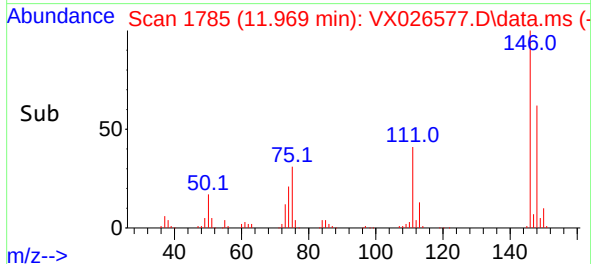
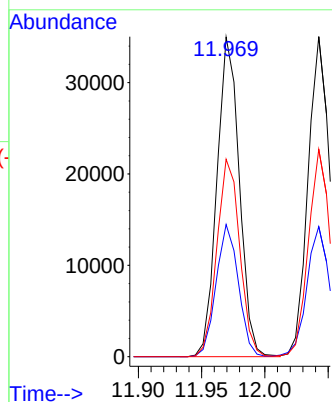
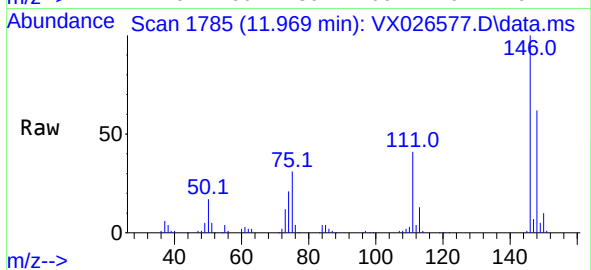




#64
1,3-Dichlorobenzene
Concen: 4.385 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

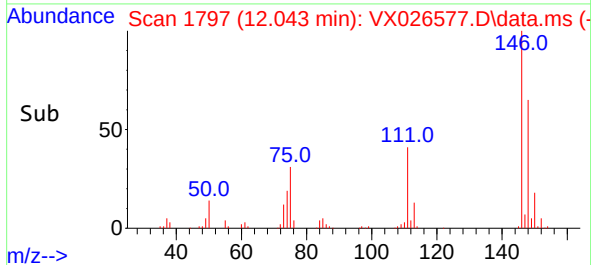
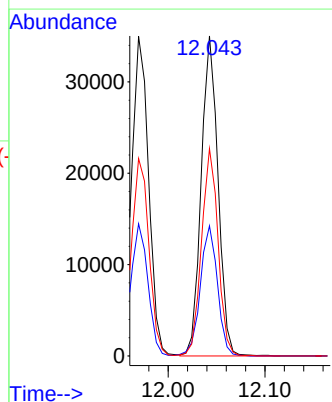
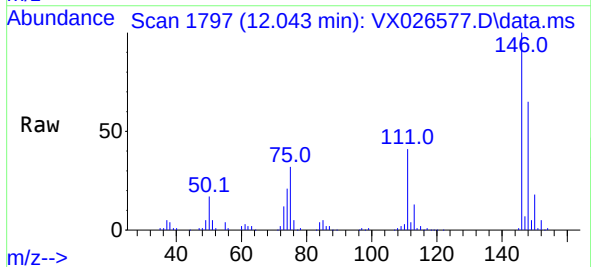
Instrument :
MSVOA_X
ClientSampleId :
VSTD005626

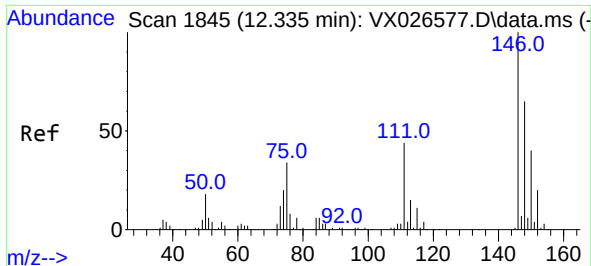
Tgt Ion:146 Resp: 43007
Ion Ratio Lower Upper
146 100
111 41.3 34.2 63.4
148 61.8 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 4.340 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

Tgt Ion:146 Resp: 42452
Ion Ratio Lower Upper
146 100
111 40.6 32.6 60.6
148 64.8 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 4.327 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX026577.D

Acq: 25 Jan 2022 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTD005626

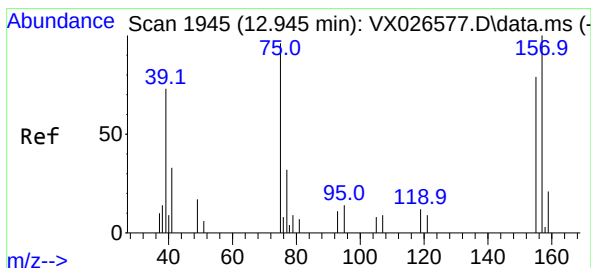
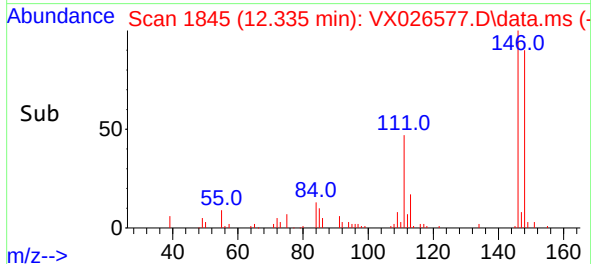
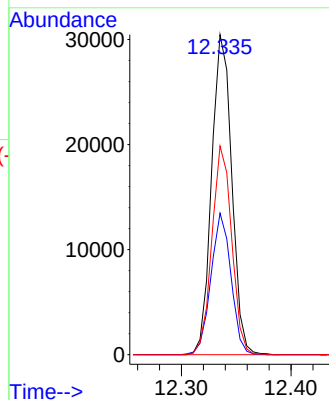
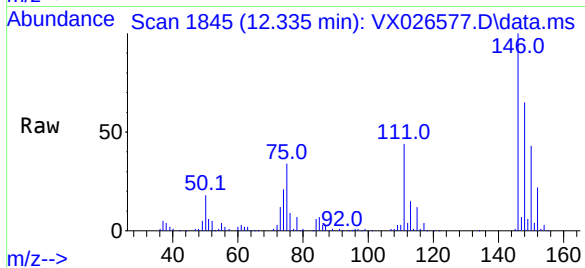
Tgt Ion:146 Resp: 38901

Ion Ratio Lower Upper

146 100

111 44.2 35.9 53.9

148 65.2 53.1 79.7



#68

1,2-Dibromo-3-chloropropane

Concen: 3.281 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX026577.D

Acq: 25 Jan 2022 19:15

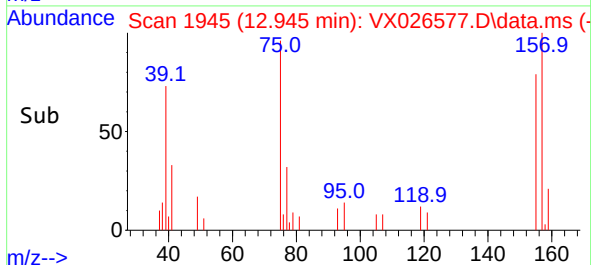
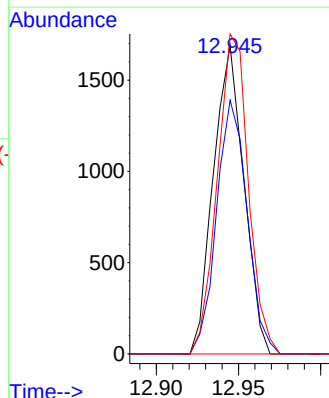
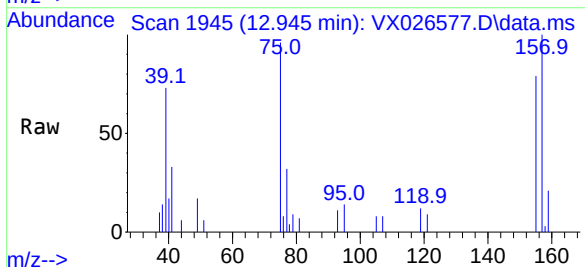
Tgt Ion: 75 Resp: 2176

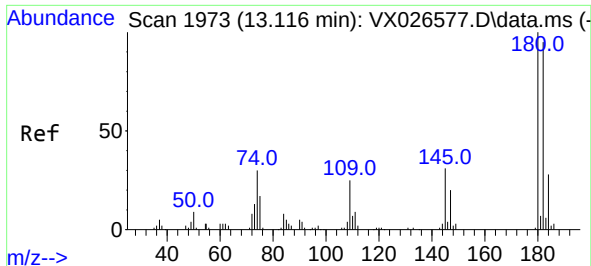
Ion Ratio Lower Upper

75 100

155 82.2 53.6 80.4#

157 103.7 82.2 123.4

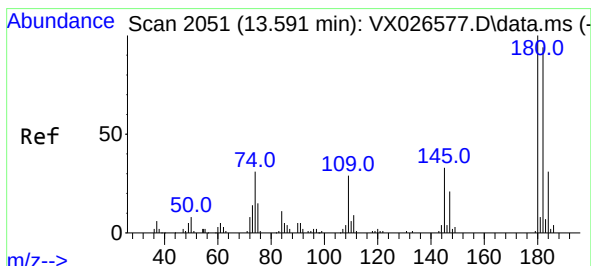
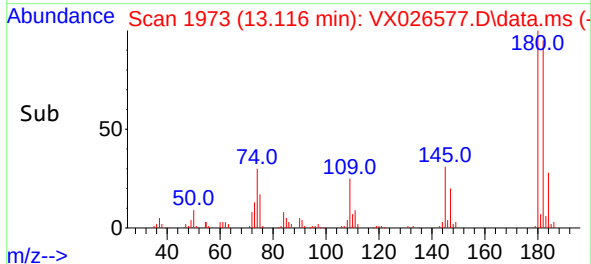
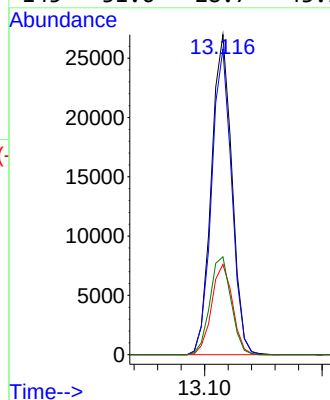
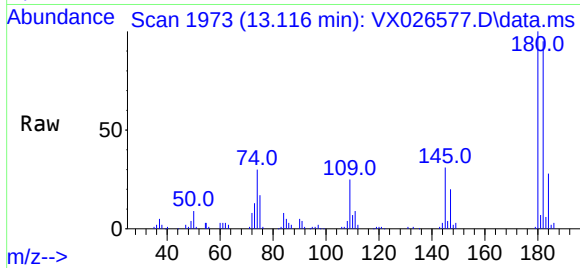




#69
 1,3,5-Trichlorobenzene
 Concen: 4.382 ug/L
 RT: 13.116 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VX026577.D
 Acq: 25 Jan 2022 19:15

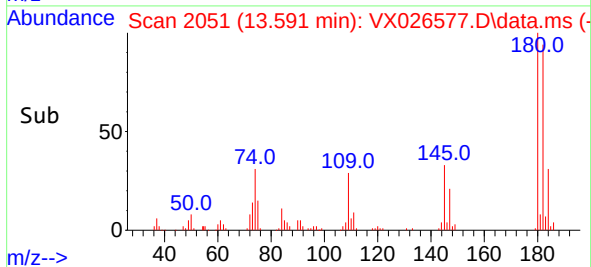
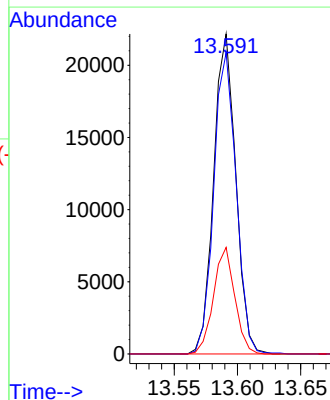
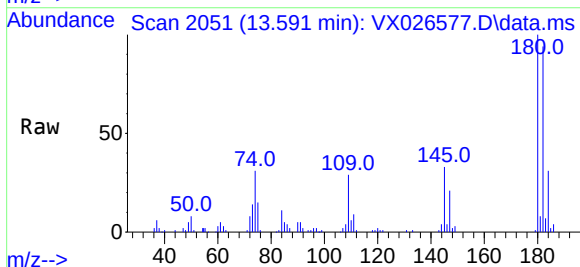
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005626

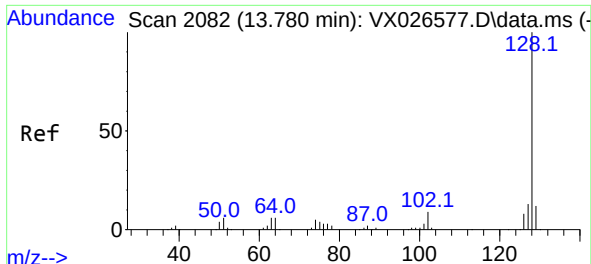
Tgt Ion:	180	Resp:	32710
Ion	Ratio	Lower	Upper
180	100		
182	93.5	74.6	111.8
184	28.8	24.0	36.0
145	31.6	28.7	43.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.584 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX026577.D
 Acq: 25 Jan 2022 19:15

Tgt Ion:	180	Resp:	26909
Ion	Ratio	Lower	Upper
180	100		
182	95.4	72.1	108.1
145	32.1	27.1	40.7

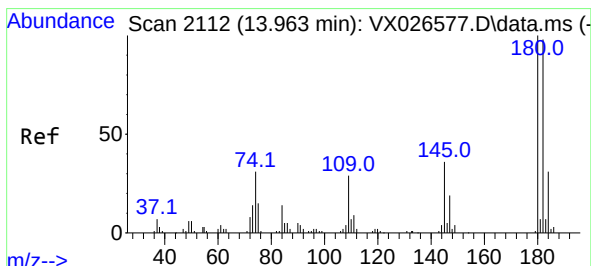
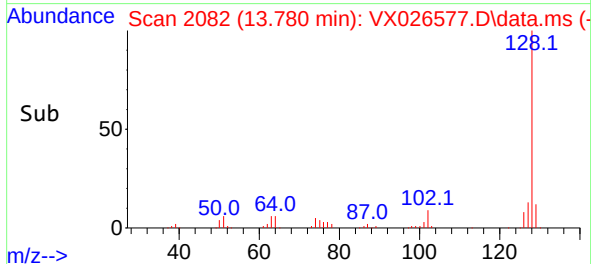
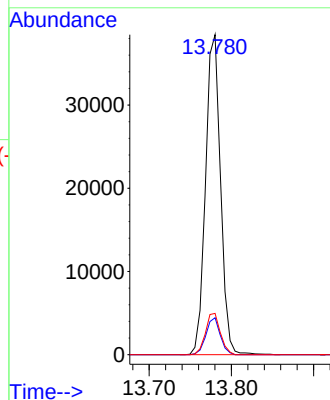
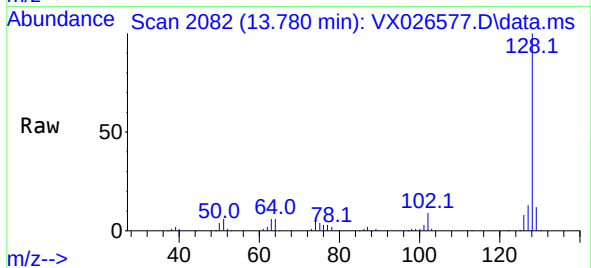




#71
Naphthalene
Concen: 4.599 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTD005626

Tgt Ion:128 Resp: 48669
Ion Ratio Lower Upper
128 100
129 11.0 9.7 14.5
127 12.8 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 4.576 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX026577.D
Acq: 25 Jan 2022 19:15

Tgt Ion:180 Resp: 24105
Ion Ratio Lower Upper
180 100
182 95.0 77.1 115.7
145 34.2 29.4 44.0

