

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122521\
 Data File : VX026031.D
 Acq On : 25 Dec 2021 12:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 27 05:14:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 23 21:00:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	241399	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	231682	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	125115	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	102119	59.654	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 119.300%	
7) Chloroethane-d5	1.666	69	75854	55.447	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 110.900%	
11) 1,1-Dichloroethene-d2	2.313	63	183314	54.038	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 108.080%	
21) 2-Butanone-d5	4.452	46	141252	95.173	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 95.170%	
24) Chloroform-d	5.056	84	158002	46.122	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	= 92.240%	
26) 1,2-Dichloroethane-d4	5.952	65	113819	49.072	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	= 98.140%	
32) Benzene-d6	5.970	84	346220	51.918	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 103.840%	
36) 1,2-Dichloropropane-d6	7.306	67	105571	50.929	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 101.860%	
41) Toluene-d8	8.647	98	322201	51.748	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 103.500%	
43) trans-1,3-Dichloroprop...	8.952	79	49483	54.867	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 109.740%	
47) 2-Hexanone-d5	9.384	63	105943	99.029	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 99.030%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	150587	49.267	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 98.540%	
66) 1,2-Dichlorobenzene-d4	12.323	152	124214	52.538	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 105.080%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	119092	49.361	ug/L	100
3) Chloromethane	1.294	50	111441	49.761	ug/L	99
5) Vinyl chloride	1.374	62	109169	49.114	ug/L	99
6) Bromomethane	1.605	94	66017	52.012	ug/L	96
8) Chloroethane	1.691	64	65568	48.854	ug/L	100
9) Trichlorofluoromethane	1.892	101	166104	49.383	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	87633	50.525	ug/L	93
12) 1,1-Dichloroethene	2.319	96	81260	50.092	ug/L #	72
13) Acetone	2.380	43	111573	137.508	ug/L	95
14) Carbon disulfide	2.514	76	217917	48.638	ug/L	99
15) Methyl Acetate	2.703	43	105137	47.016	ug/L #	90
16) Methylene chloride	2.788	84	89665	47.540	ug/L	91
17) trans-1,2-Dichloroethene	3.093	96	84924	49.162	ug/L	93
18) Methyl tert-butyl Ether	3.117	73	277077	49.375	ug/L	97
19) 1,1-Dichloroethane	3.611	63	157428	48.322	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	96528	50.069	ug/L	93
22) 2-Butanone	4.550	43	164896	109.148	ug/L	94
23) Bromochloromethane	4.897	128	48521	50.449	ug/L #	84
25) Chloroform	5.093	83	180230	53.024	ug/L	98

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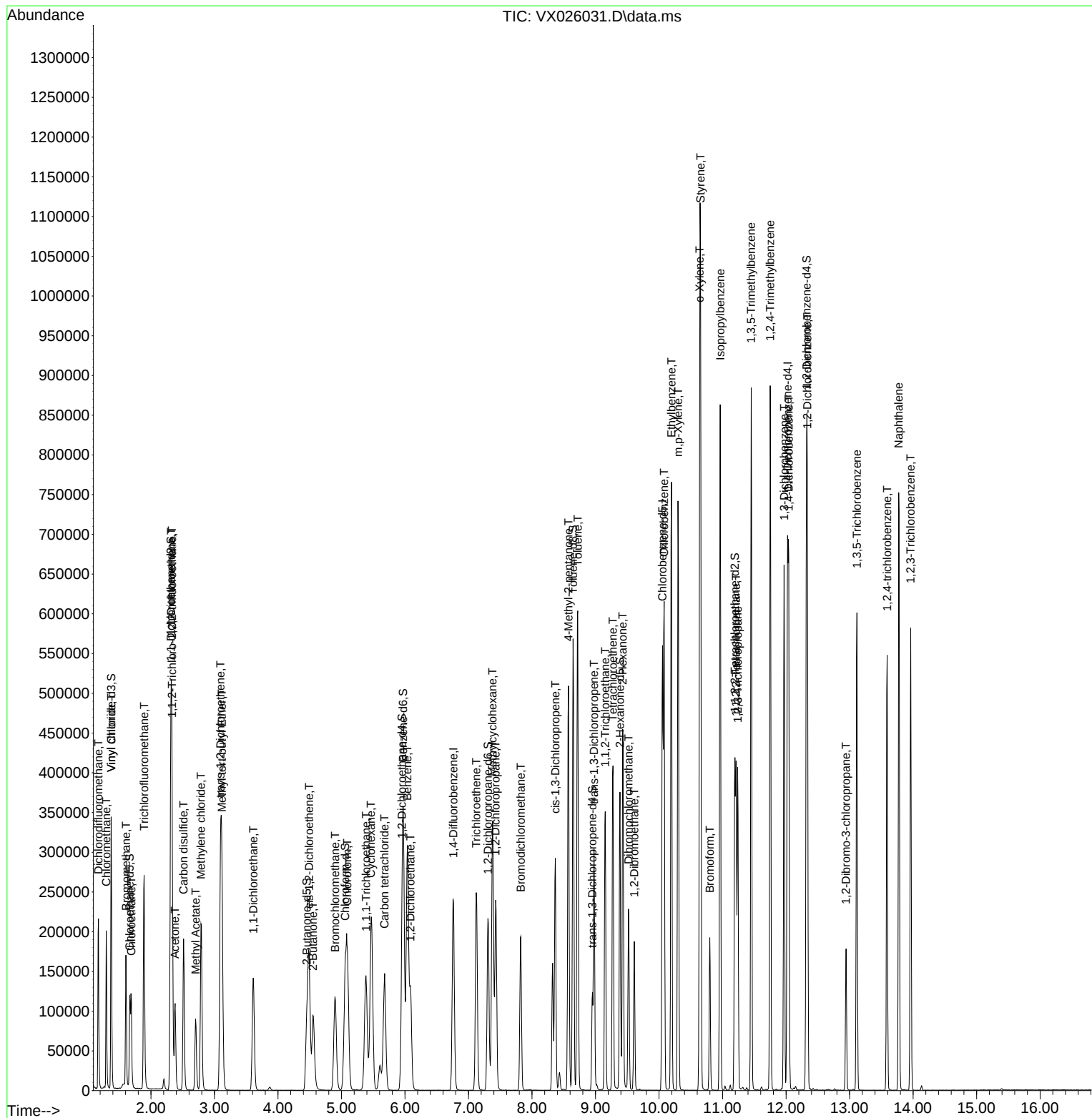
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	133687	47.682	ug/L	98
29) Cyclohexane	5.464	56	149504	49.130	ug/L	94
30) 1,1,1-Trichloroethane	5.385	97	140077	49.654	ug/L	96
31) Carbon tetrachloride	5.678	117	120801	49.408	ug/L	100
33) Benzene	6.037	78	359665	48.888	ug/L	100
34) Trichloroethene	7.123	95	93055	49.449	ug/L	93
35) Methylcyclohexane	7.379	83	150360	50.481	ug/L	95
37) 1,2-Dichloropropane	7.428	63	90515	48.472	ug/L	98
38) Bromodichloromethane	7.824	83	118329	48.351	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	140211	52.252	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	301083	95.903	ug/L	95
42) Toluene	8.720	91	389008	49.652	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	134634	52.871	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	88371	48.994	ug/L	98
46) Tetrachloroethene	9.275	164	72721	50.654	ug/L	99
48) 2-Hexanone	9.427	43	248787	104.189	ug/L	96
49) Dibromochloromethane	9.519	129	93391	50.135	ug/L	96
50) 1,2-Dibromoethane	9.610	107	95640	49.653	ug/L	97
51) Chlorobenzene	10.079	112	245632	49.808	ug/L	98
52) Ethylbenzene	10.195	91	427718	50.336	ug/L	97
53) m,p-Xylene	10.299	106	165565	51.043	ug/L	93
54) o-Xylene	10.640	106	160574	49.978	ug/L	88
55) Styrene	10.653	104	279034	51.445	ug/L	86
57) 1,1,2,2-Tetrachloroethane	11.213	83	148677	49.052	ug/L	96
59) Bromoform	10.799	173	63774	49.355	ug/L	99
60) Isopropylbenzene	10.963	105	426566	49.624	ug/L	97
61) 1,2,3-Trichloropropane	11.238	75	118737	47.497	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	363703	50.533	ug/L	96
63) 1,2,4-Trimethylbenzene	11.750	105	370330	51.362	ug/L #	81
64) 1,3-Dichlorobenzene	11.969	146	191401	49.904	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	192176	49.767	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	188014	49.579	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	31551	47.904	ug/L	84
69) 1,3,5-Trichlorobenzene	13.116	180	135673	52.693	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	118255	51.573	ug/L	98
71) Naphthalene	13.774	128	446572	51.518	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	121875	51.469	ug/L	98

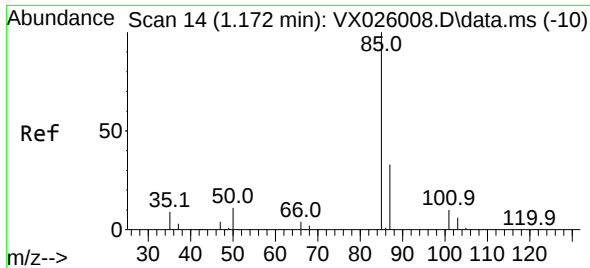
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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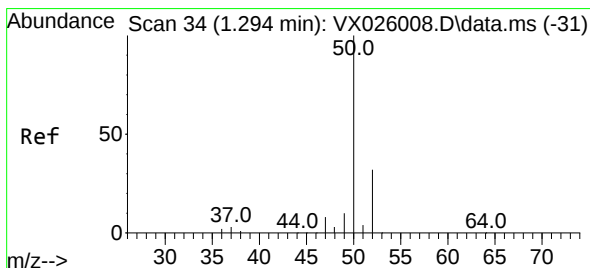
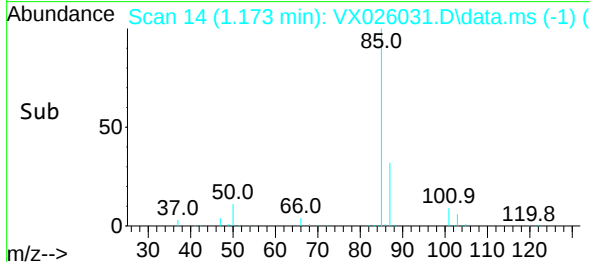
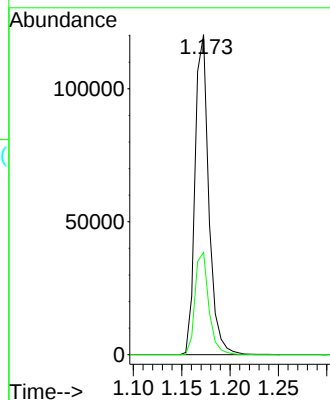
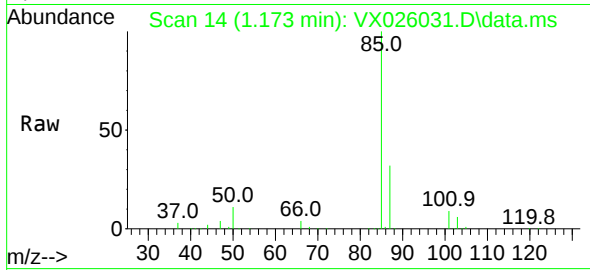




#2
 Dichlorodifluoromethane
 Concen: 49.361 ug/L
 RT: 1.173 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VX026031.D
 Acq: 25 Dec 2021 12:27

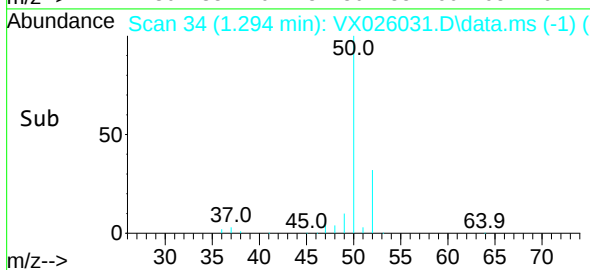
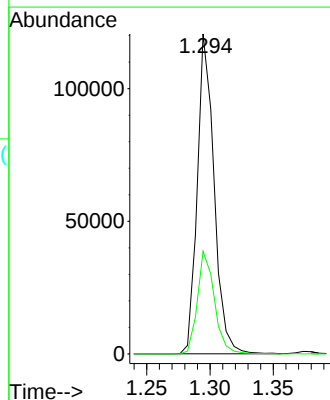
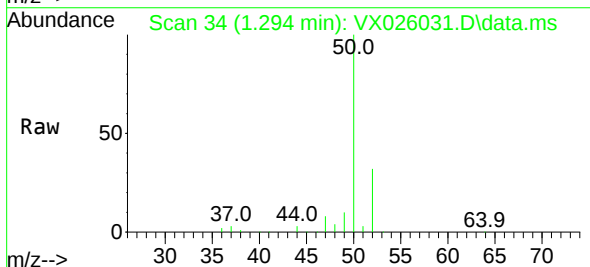
Instrument :
 MSVOA_X
 ClientSampleId :

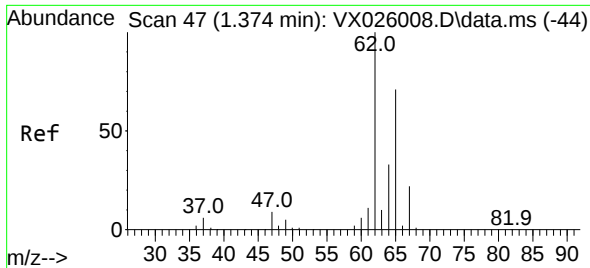
Tgt Ion: 85 Resp: 119092
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.8 38.6



#3
 Chloromethane
 Concen: 49.761 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX026031.D
 Acq: 25 Dec 2021 12:27

Tgt Ion: 50 Resp: 111441
 Ion Ratio Lower Upper
 50 100
 52 32.1 22.0 40.8

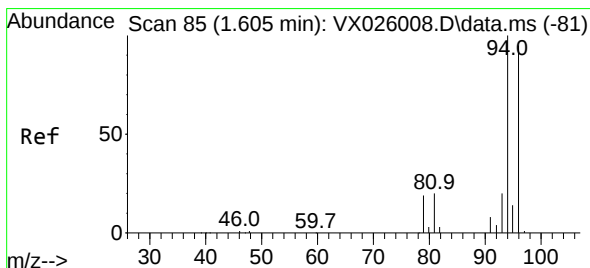
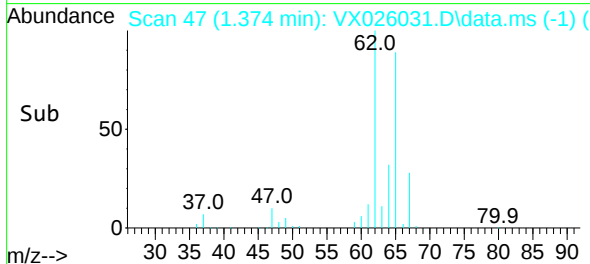
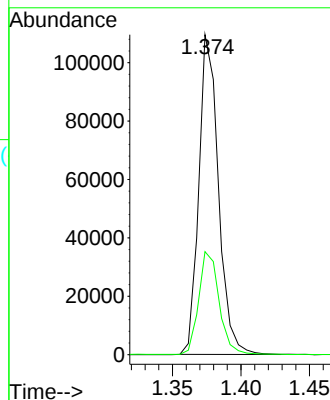
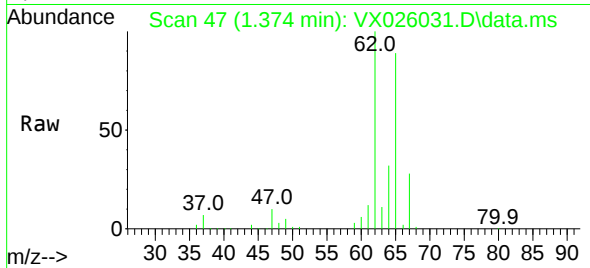




#5
 Vinyl chloride
 Concen: 49.114 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX026031.D
 Acq: 25 Dec 2021 12:27

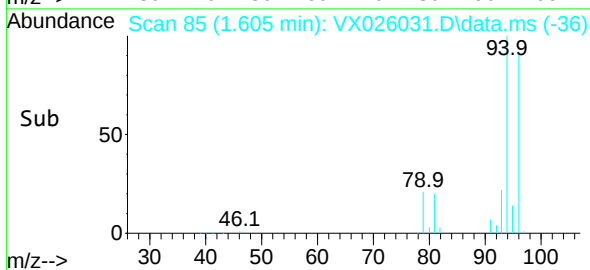
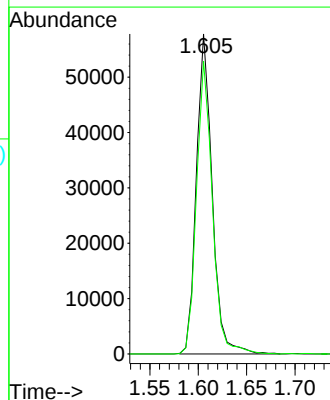
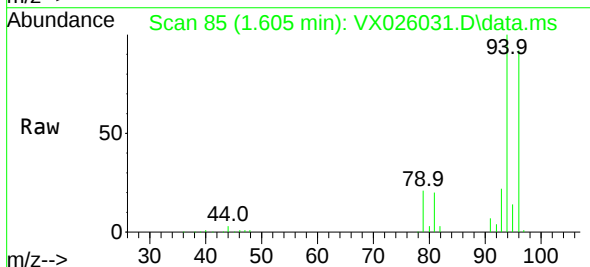
Instrument :
 MSVOA_X
 ClientSampleId :

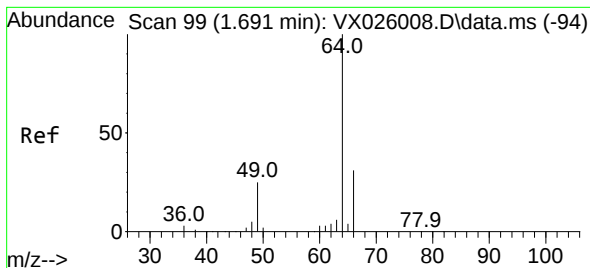
Tgt Ion: 62 Resp: 109169
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.9 42.5



#6
 Bromomethane
 Concen: 52.012 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VX026031.D
 Acq: 25 Dec 2021 12:27

Tgt Ion: 94 Resp: 66017
 Ion Ratio Lower Upper
 94 100
 96 91.5 66.7 123.9





#8

Chloroethane

Concen: 48.854 ug/L

RT: 1.691 min Scan# 99

Delta R.T. 0.006 min

Lab File: VX026031.D

Acq: 25 Dec 2021 12:27

Instrument :

MSVOA_X

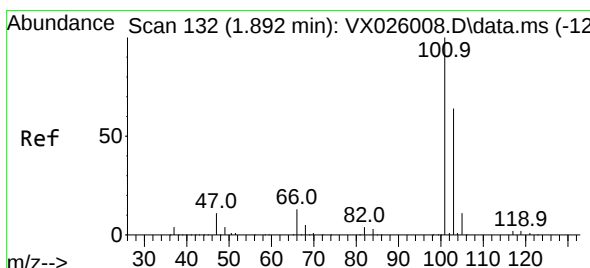
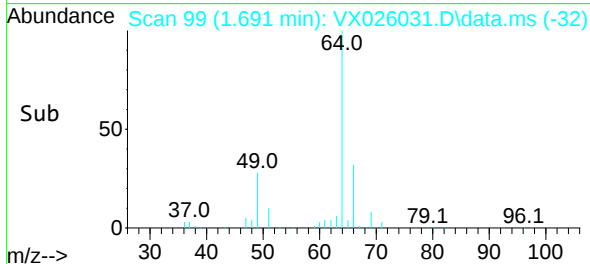
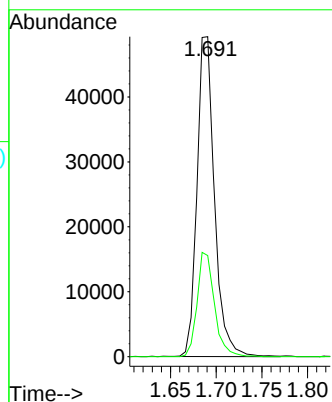
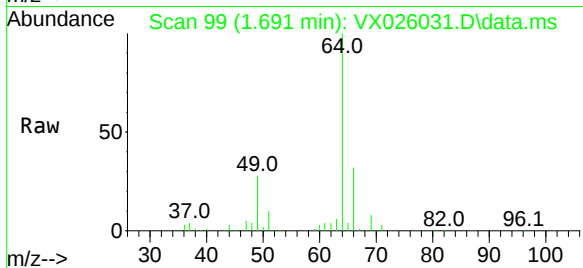
ClientSampleId :

Tgt Ion: 64 Resp: 65568

Ion Ratio Lower Upper

64 100

66 31.6 22.0 40.8



#9

Trichlorofluoromethane

Concen: 49.383 ug/L

RT: 1.892 min Scan# 132

Delta R.T. -0.000 min

Lab File: VX026031.D

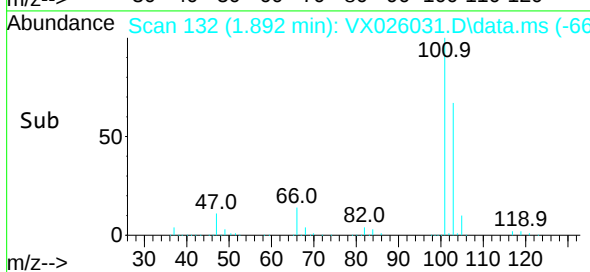
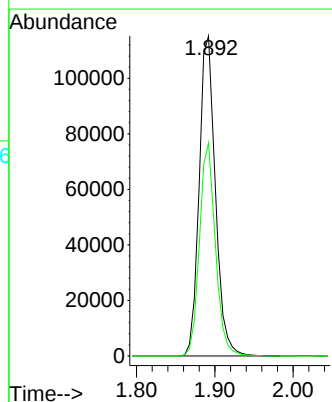
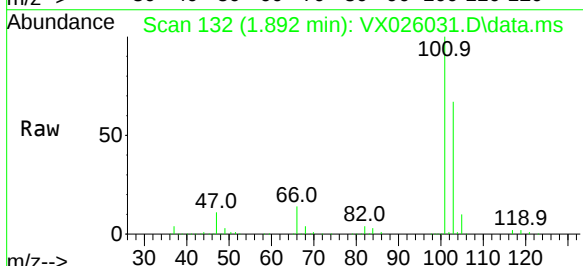
Acq: 25 Dec 2021 12:27

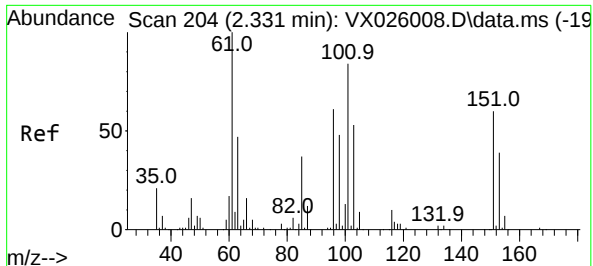
Tgt Ion:101 Resp: 166104

Ion Ratio Lower Upper

101 100

103 65.2 52.2 78.2





#10

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

Concen: 50.525 ug/L

RT: 2.331 min Scan# 204

Delta R.T. -0.000 min

Lab File: VX026031.D

Acq: 25 Dec 2021 12:27

Instrument :

MSVOA_X

ClientSampleId :

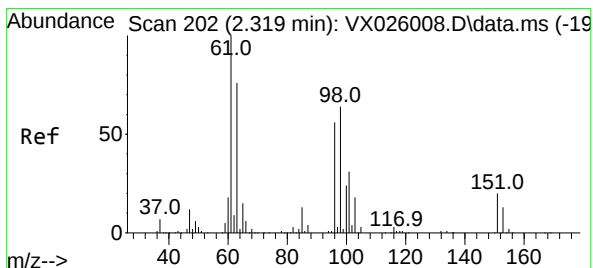
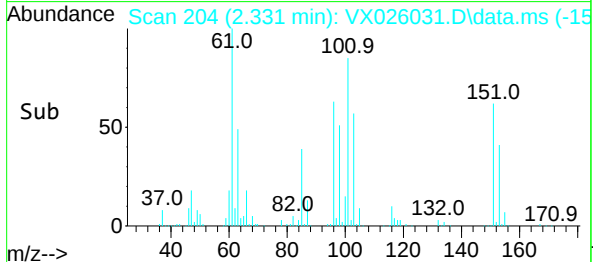
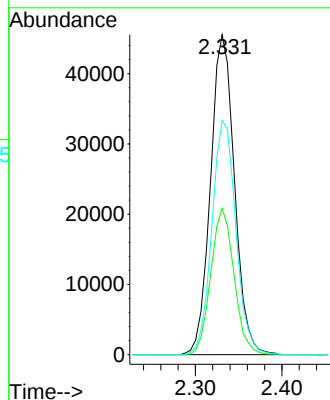
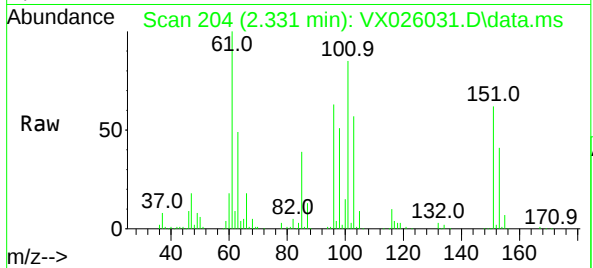
Tgt Ion:101 Resp: 87633

Ion Ratio Lower Upper

101 100

85 44.2 34.3 51.5

151 73.5 65.2 97.8



#12

1,1-Dichloroethene

Concen: 50.092 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.006 min

Lab File: VX026031.D

Acq: 25 Dec 2021 12:27

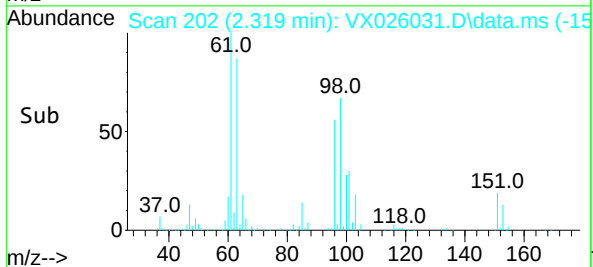
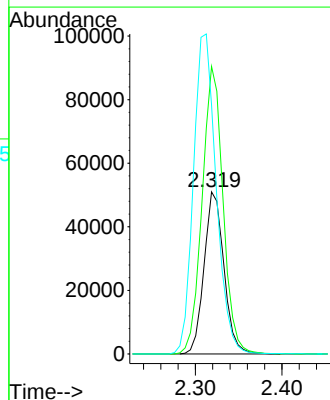
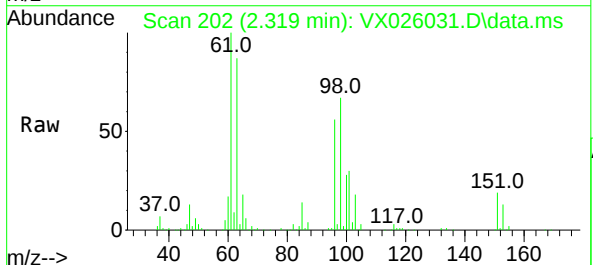
Tgt Ion: 96 Resp: 81260

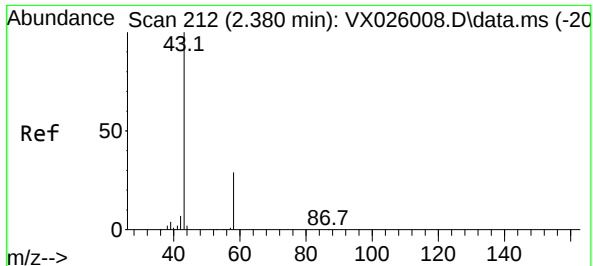
Ion Ratio Lower Upper

96 100

61 177.4 108.7 201.9

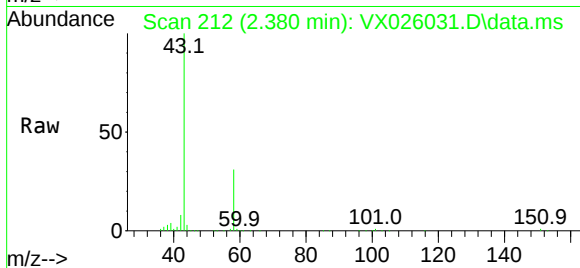
63 153.7 76.3 141.7#



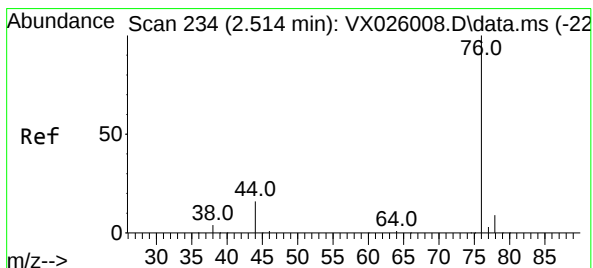
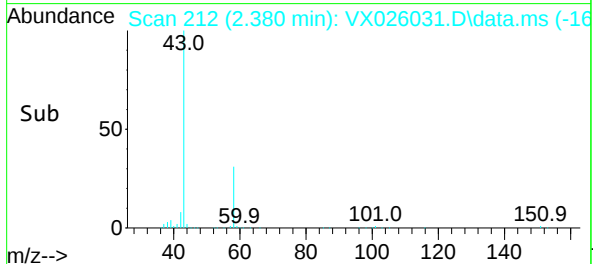
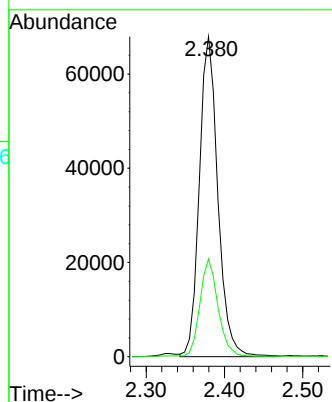


#13
Acetone
Concen: 137.508 ug/L
RT: 2.380 min Scan# 21
Delta R.T. -0.000 min
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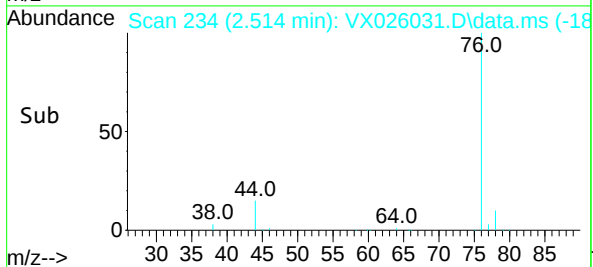
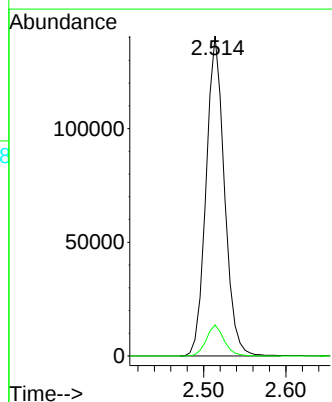
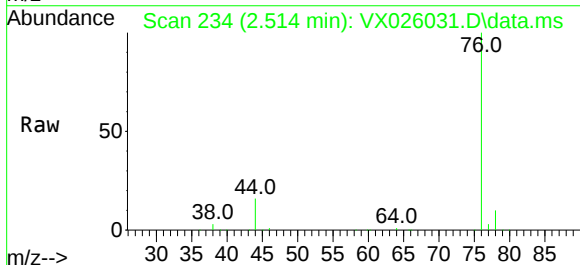


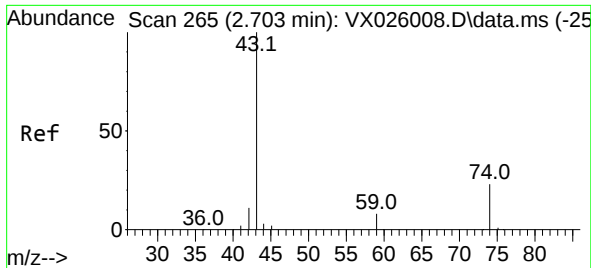
Tgt Ion: 43 Resp: 111573
Ion Ratio Lower Upper
43 100
58 29.9 0.0 65.6



#14
Carbon disulfide
Concen: 48.638 ug/L
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
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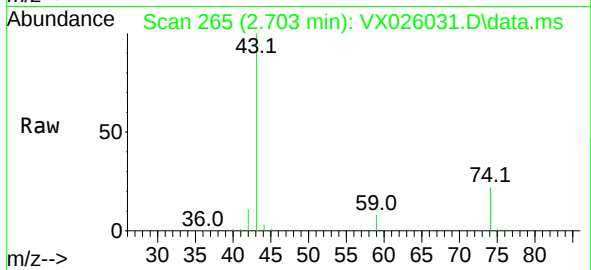
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Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2



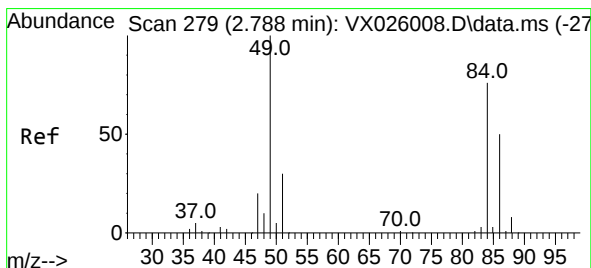
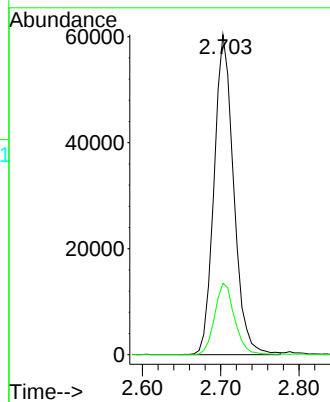
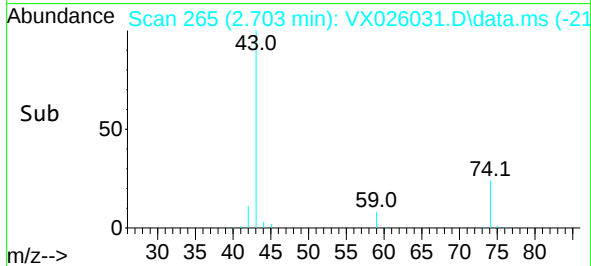


#15
Methyl Acetate
Concen: 47.016 ug/L
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX026031.D
Acq: 25 Dec 2021 12:27

Instrument :
MSVOA_X
ClientSampleId :

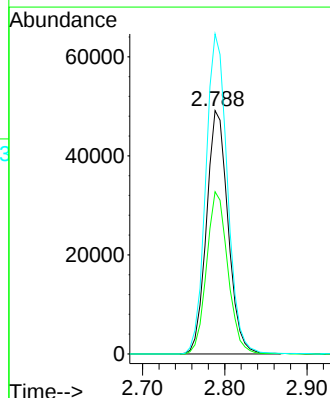
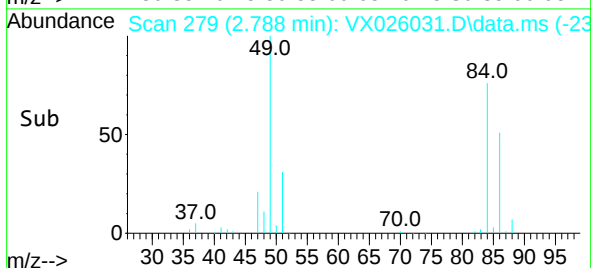
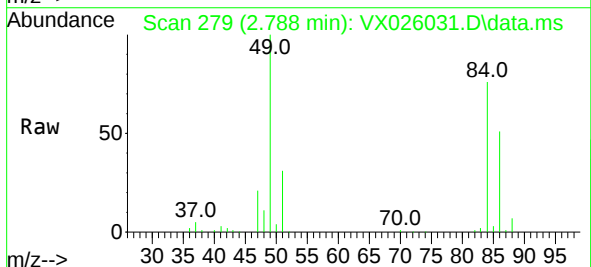


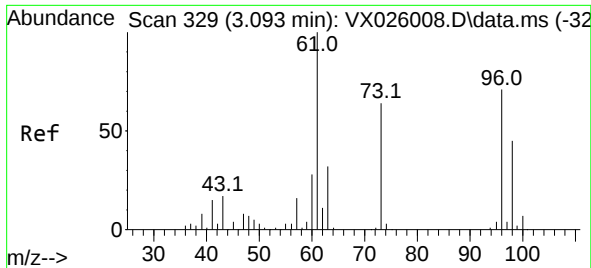
Tgt Ion: 43 Resp: 105137
Ion Ratio Lower Upper
43 100
74 22.6 0.1 0.1#



#16
Methylene chloride
Concen: 47.540 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX026031.D
Acq: 25 Dec 2021 12:27

Tgt Ion: 84 Resp: 89665
Ion Ratio Lower Upper
84 100
86 66.7 45.1 83.9
49 131.5 82.3 152.8





#17

trans-1,2-Dichloroethene

Concen: 49.162 ug/L

RT: 3.093 min Scan# 31

Delta R.T. -0.000 min

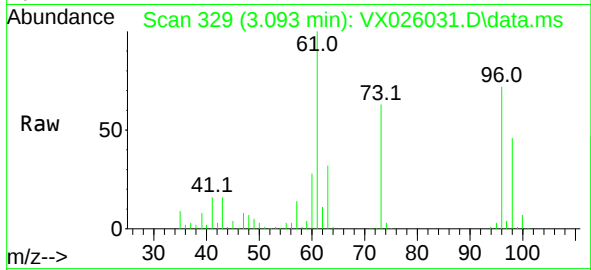
Lab File: VX026031.D

Acq: 25 Dec 2021 12:27

Instrument :

MSVOA_X

ClientSampleId :



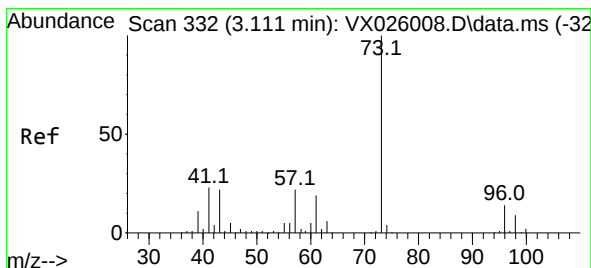
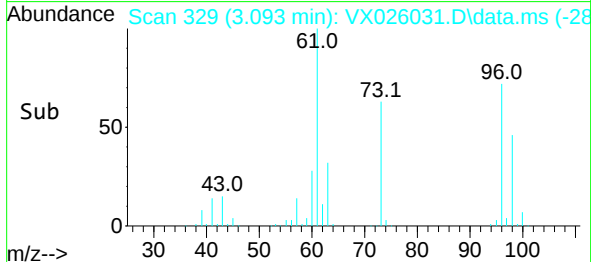
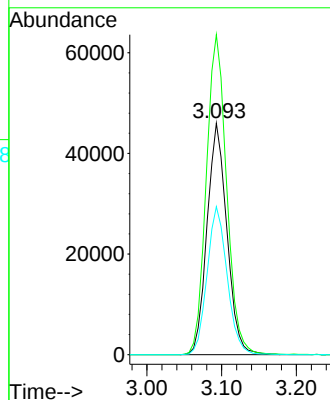
Tgt Ion: 96 Resp: 84924

Ion Ratio Lower Upper

96 100

61 138.2 88.5 164.4

98 63.9 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 49.375 ug/L

RT: 3.117 min Scan# 333

Delta R.T. -0.000 min

Lab File: VX026031.D

Acq: 25 Dec 2021 12:27

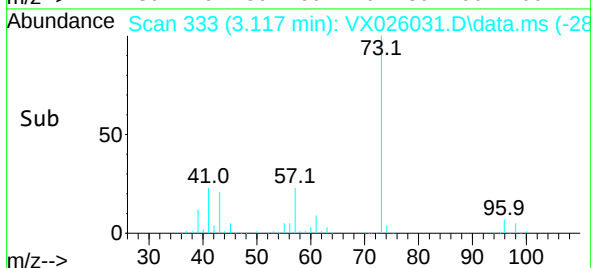
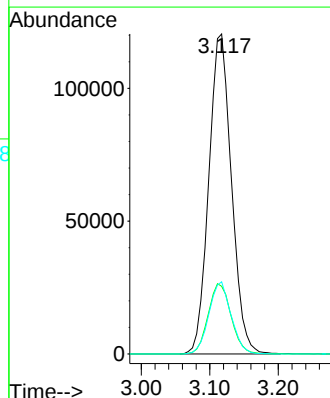
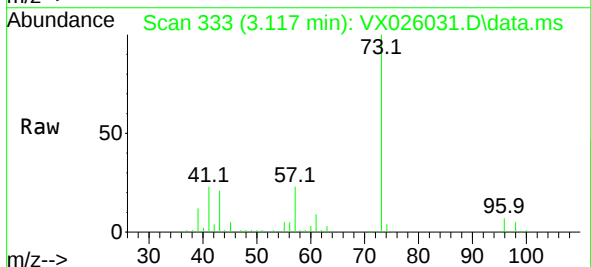
Tgt Ion: 73 Resp: 277077

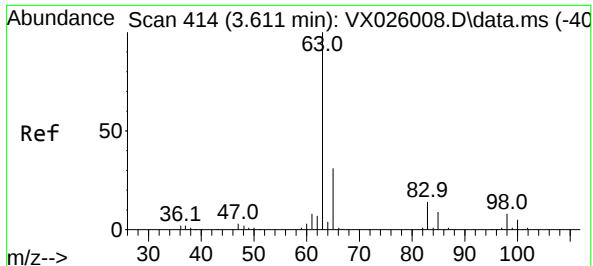
Ion Ratio Lower Upper

73 100

43 22.2 15.7 23.5

57 22.0 17.3 25.9





#19

1,1-Dichloroethane

Concen: 48.322 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX026031.D

Acq: 25 Dec 2021 12:27

Instrument :

MSVOA_X

ClientSampleId :

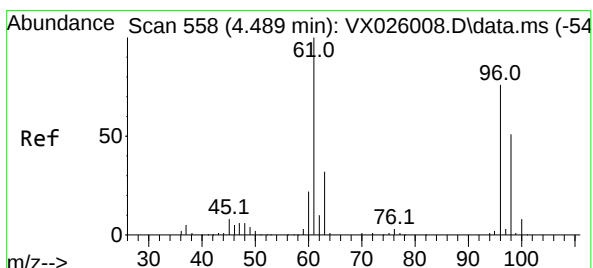
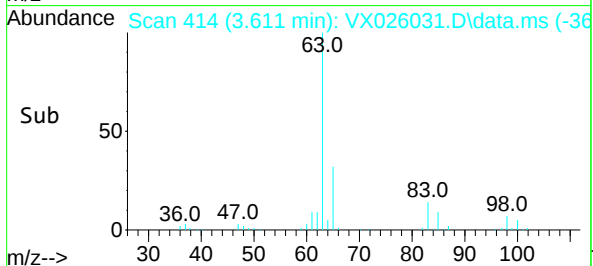
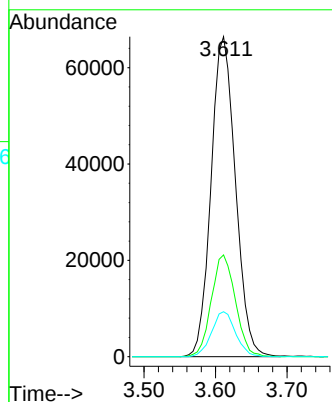
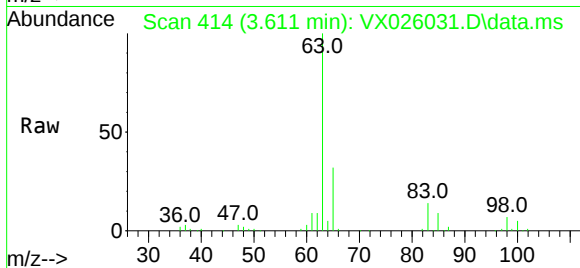
Tgt Ion: 63 Resp: 157428

Ion Ratio Lower Upper

63 100

65 31.8 22.2 41.2

83 14.0 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 50.069 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX026031.D

Acq: 25 Dec 2021 12:27

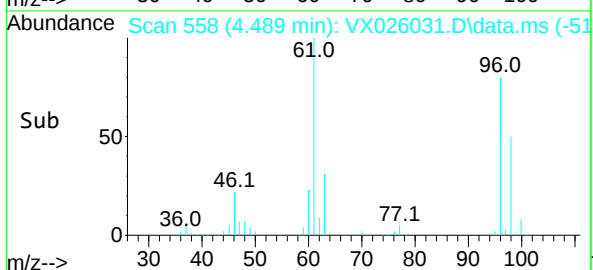
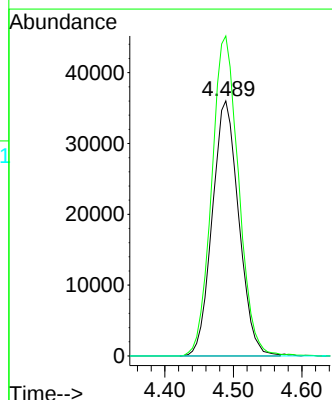
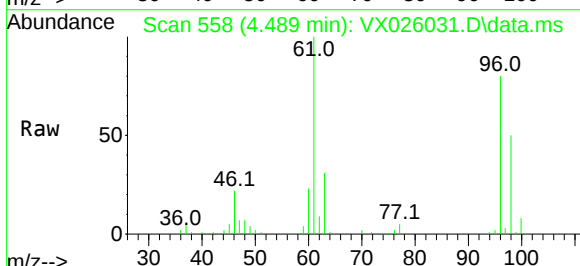
Tgt Ion: 96 Resp: 96528

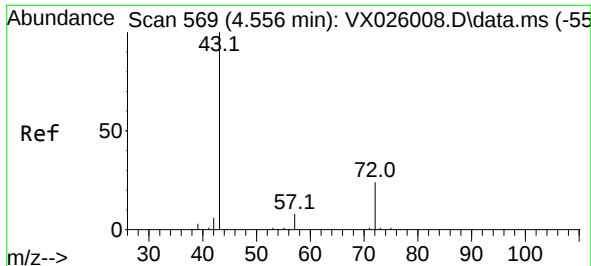
Ion Ratio Lower Upper

96 100

61 125.5 82.3 152.8

68 0.0 0.0 0.0

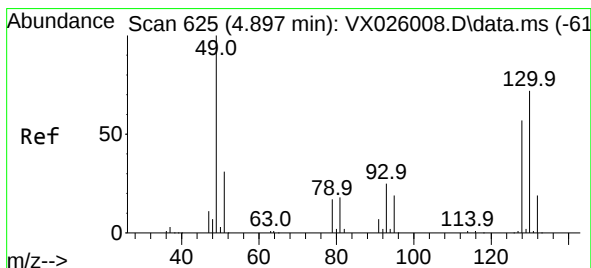
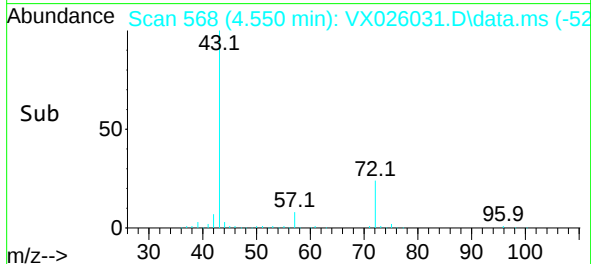
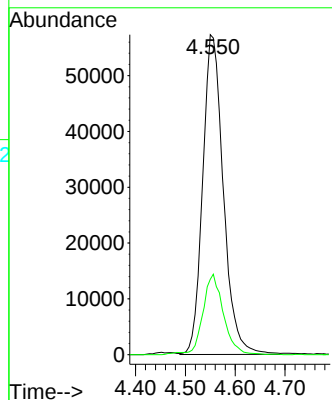
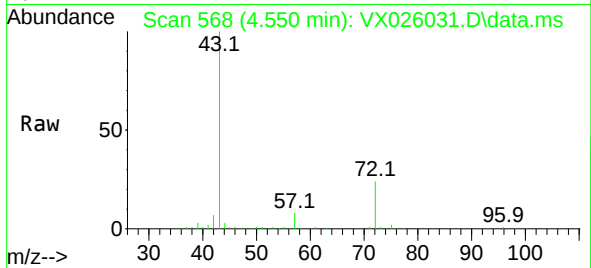




#22
2-Butanone
Concen: 109.148 ug/L
RT: 4.550 min Scan# 569
Delta R.T. -0.012 min
Lab File: VX026031.D
Acq: 25 Dec 2021 12:27

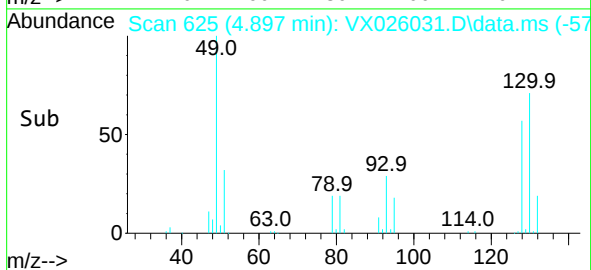
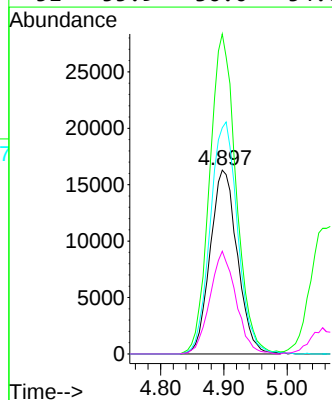
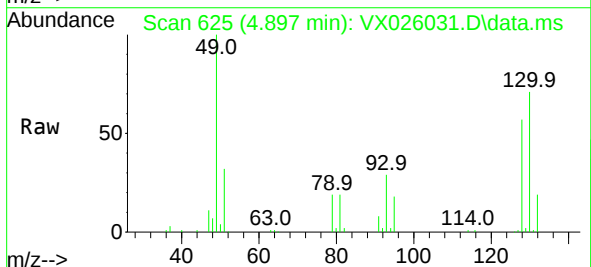
Instrument :
MSVOA_X
ClientSampleId :

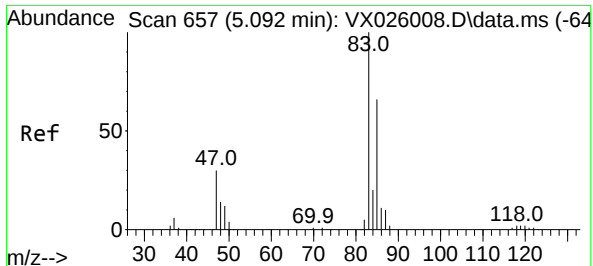
Tgt Ion: 43 Resp: 164896
Ion Ratio Lower Upper
43 100
72 24.6 13.8 41.3



#23
Bromochloromethane
Concen: 50.449 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX026031.D
Acq: 25 Dec 2021 12:27

Tgt Ion: 128 Resp: 48521
Ion Ratio Lower Upper
128 100
49 174.1 97.7 181.5
130 123.1 88.2 163.8
51 55.9 36.0 54.0#





#25

Chloroform

Concen: 53.024 ug/L

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX026031.D

Acq: 25 Dec 2021 12:27

Instrument :

MSVOA_X

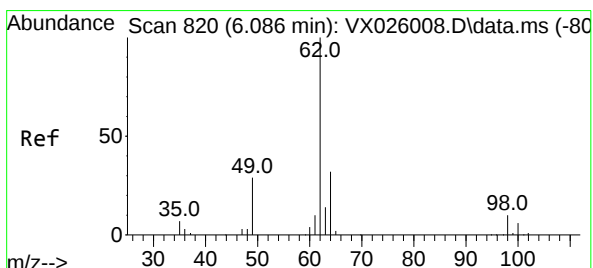
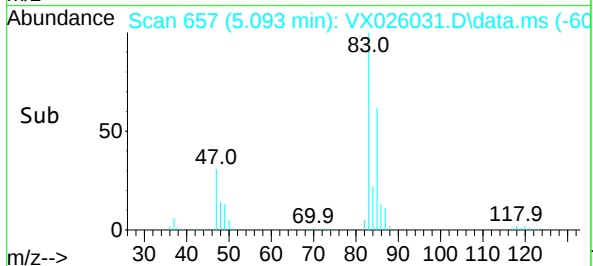
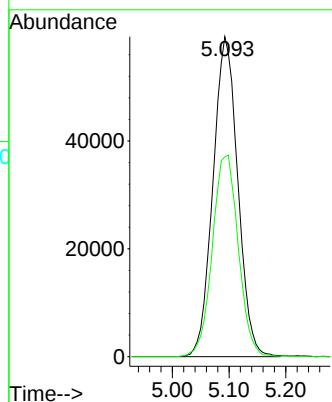
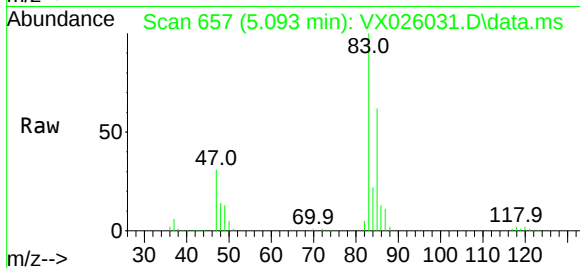
ClientSampleId :

Tgt Ion: 83 Resp: 180230

Ion Ratio Lower Upper

83 100

85 62.4 44.9 83.5



#27

1,2-Dichloroethane

Concen: 47.682 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.006 min

Lab File: VX026031.D

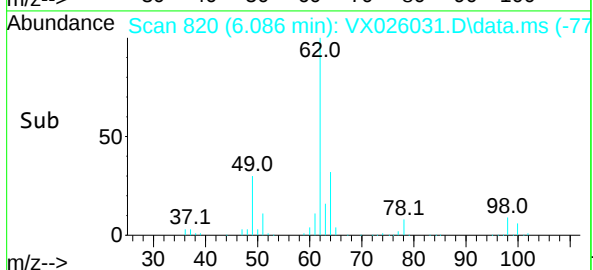
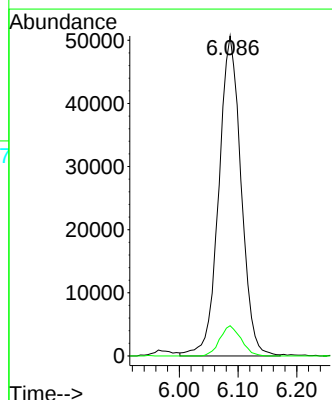
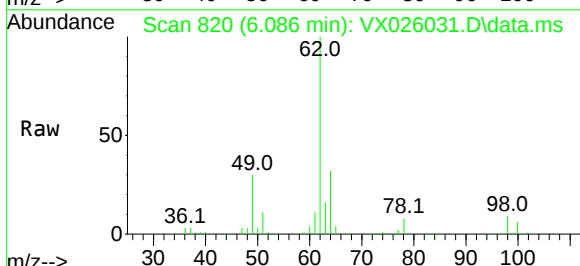
Acq: 25 Dec 2021 12:27

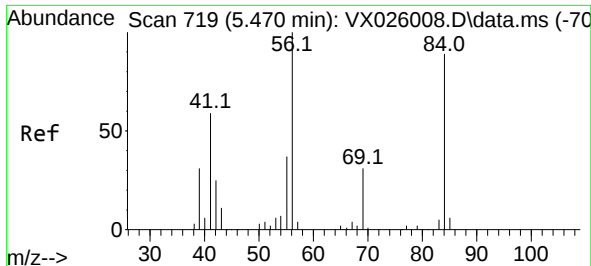
Tgt Ion: 62 Resp: 133687

Ion Ratio Lower Upper

62 100

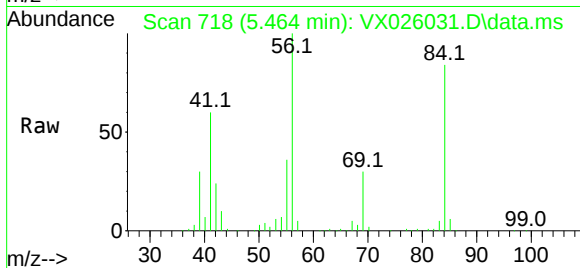
98 9.5 8.2 12.2



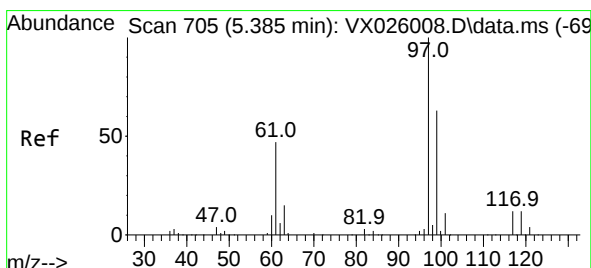
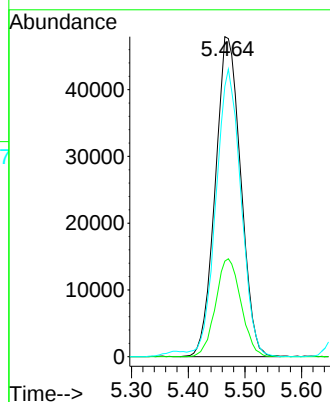
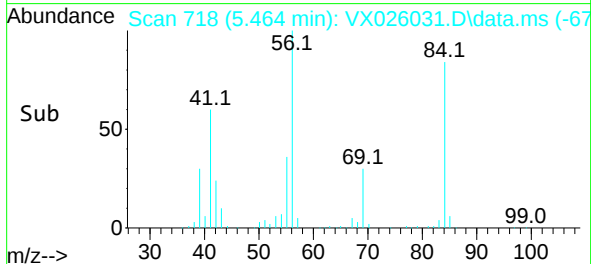


#29
Cyclohexane
Concen: 49.130 ug/L
RT: 5.464 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX026031.D
Acq: 25 Dec 2021 12:27

Instrument :
MSVOA_X
ClientSampleId :

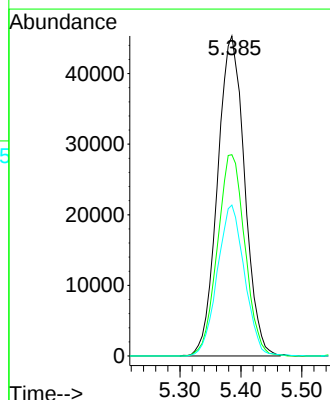
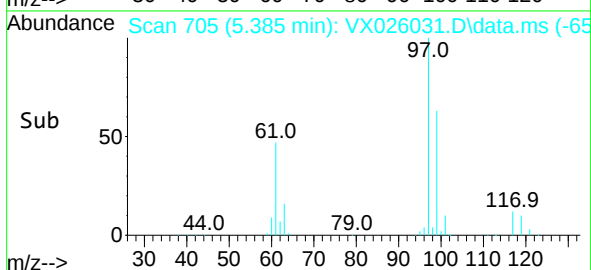
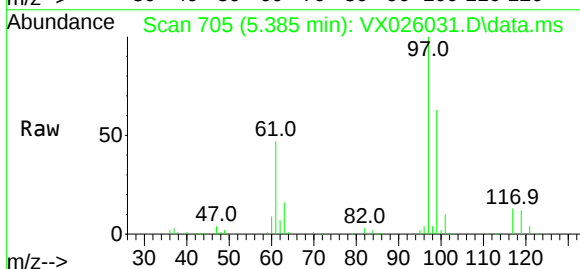


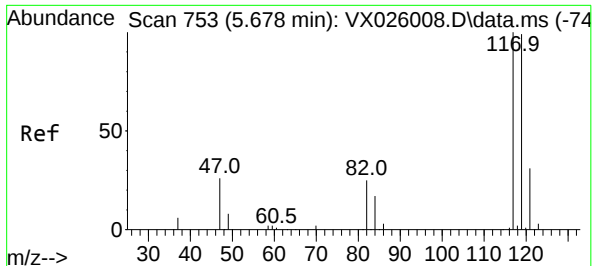
Tgt Ion: 56 Resp: 149504
Ion Ratio Lower Upper
56 100
69 30.4 25.4 38.2
84 88.4 76.6 114.8



#30
1,1,1-Trichloroethane
Concen: 49.654 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX026031.D
Acq: 25 Dec 2021 12:27

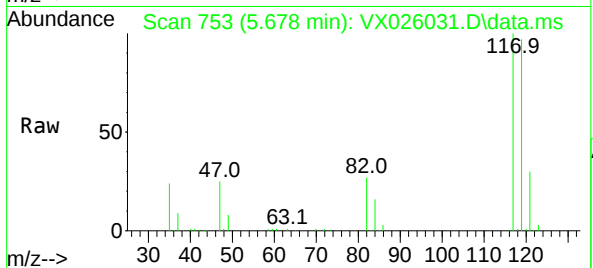
Tgt Ion: 97 Resp: 140077
Ion Ratio Lower Upper
97 100
99 63.8 51.5 77.3
61 47.3 33.1 49.7



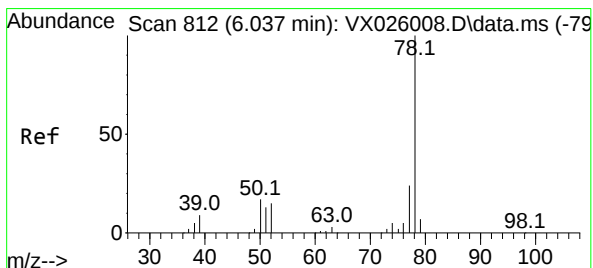
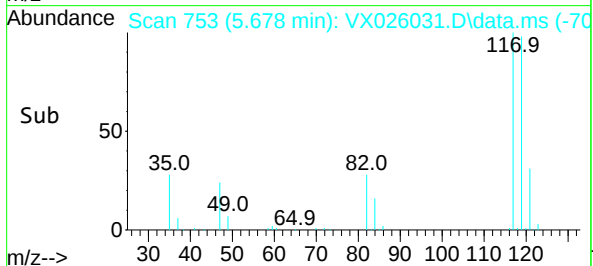
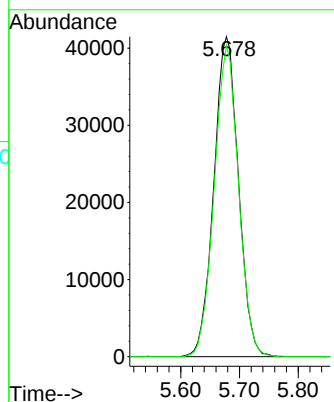


#31
Carbon tetrachloride
Concen: 49.408 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX026031.D
Acq: 25 Dec 2021 12:27

Instrument :
MSVOA_X
ClientSampleId :

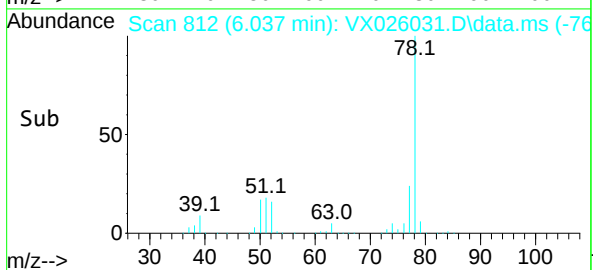
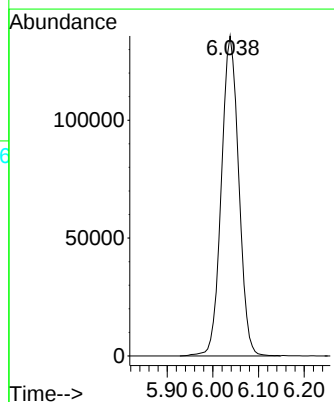
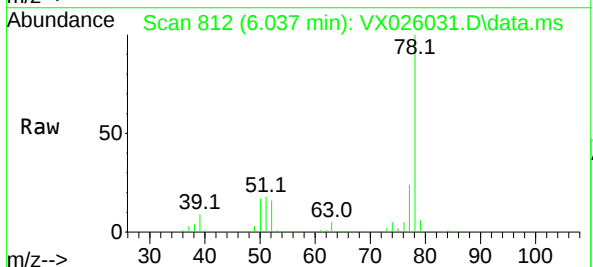


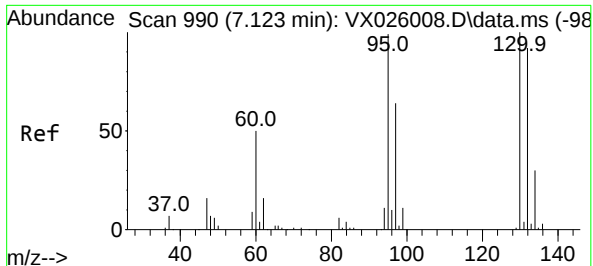
Tgt Ion:117 Resp: 120801
Ion Ratio Lower Upper
117 100
119 95.9 76.8 115.2



#33
Benzene
Concen: 48.888 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX026031.D
Acq: 25 Dec 2021 12:27

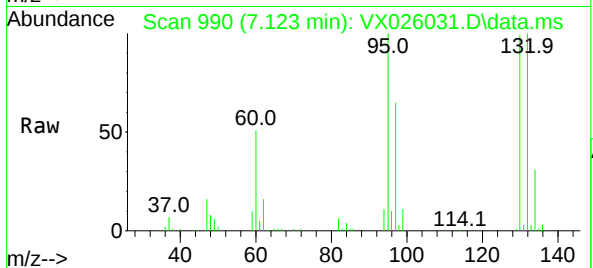
Tgt Ion: 78 Resp: 359665





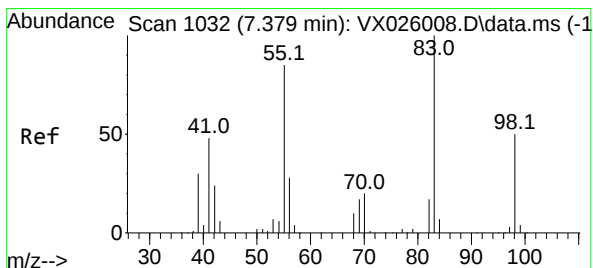
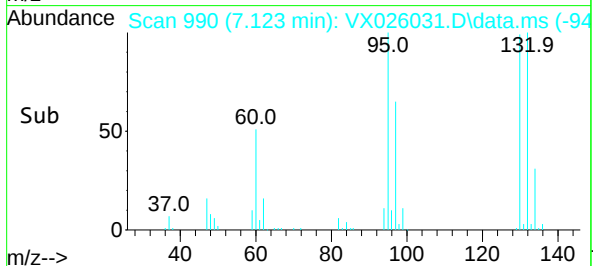
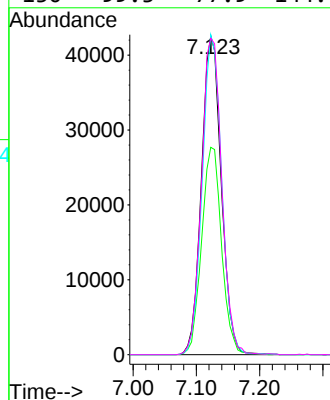
#34
Trichloroethene
Concen: 49.449 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX026031.D
Acq: 25 Dec 2021 12:27

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 93055

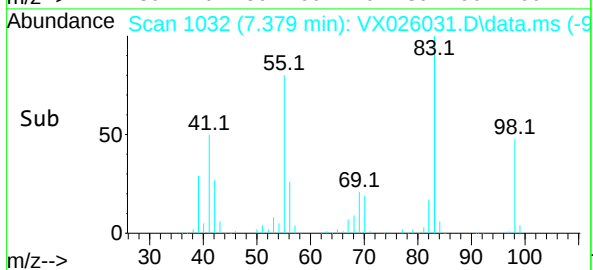
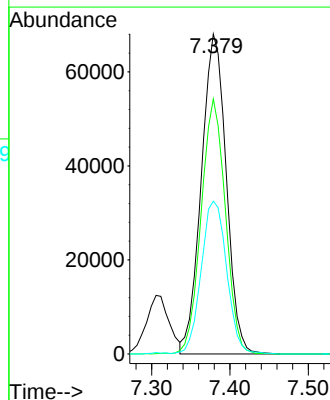
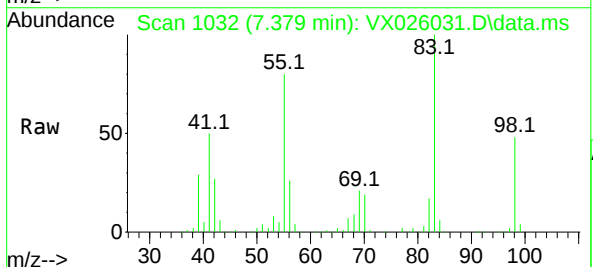
Ion	Ratio	Lower	Upper
95	100		
97	65.1	46.0	85.4
132	100.4	75.0	139.2
130	99.3	77.9	144.7

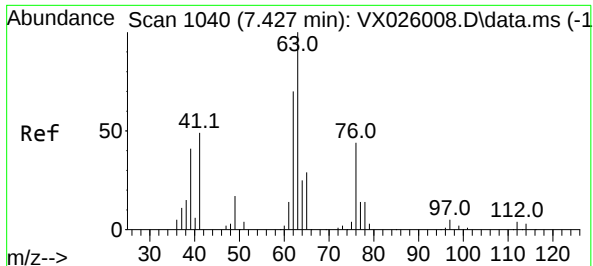


#35
Methylcyclohexane
Concen: 50.481 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX026031.D
Acq: 25 Dec 2021 12:27

Tgt Ion: 83 Resp: 150360

Ion	Ratio	Lower	Upper
83	100		
55	77.3	57.3	85.9
98	48.9	41.1	61.7





#37

1,2-Dichloropropane

Concen: 48.472 ug/L

RT: 7.428 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VX026031.D

Acq: 25 Dec 2021 12:27

Instrument :

MSVOA_X

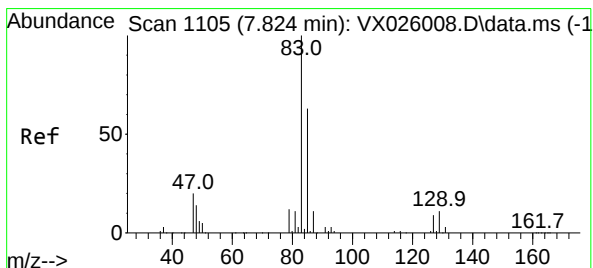
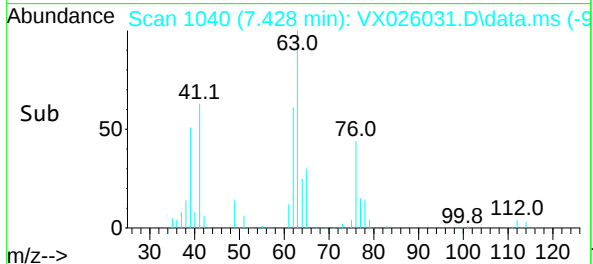
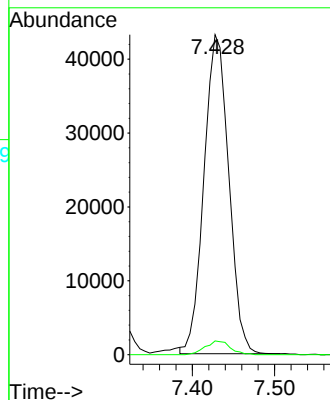
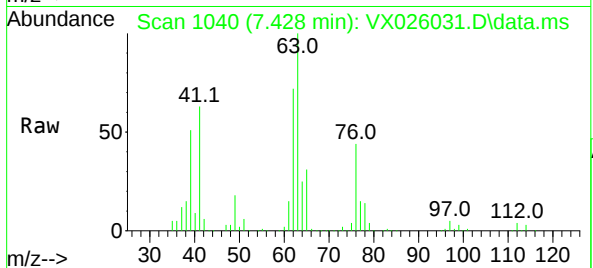
ClientSampleId :

Tgt Ion: 63 Resp: 90515

Ion Ratio Lower Upper

63 100

112 4.3 4.0 6.0



#38

Bromodichloromethane

Concen: 48.351 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX026031.D

Acq: 25 Dec 2021 12:27

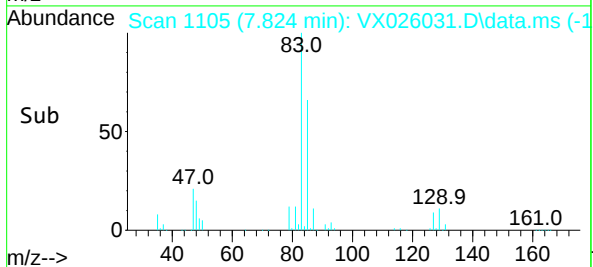
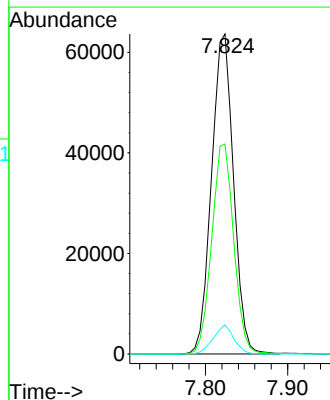
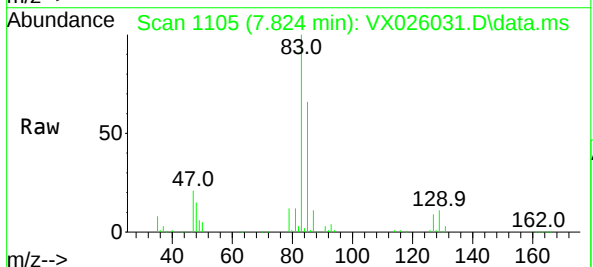
Tgt Ion: 83 Resp: 118329

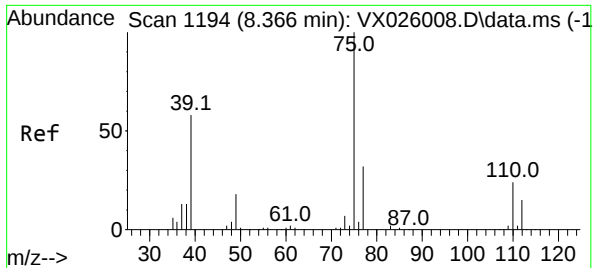
Ion Ratio Lower Upper

83 100

85 65.6 45.3 84.1

127 9.0 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 52.252 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX026031.D

Acq: 25 Dec 2021 12:27

Instrument :

MSVOA_X

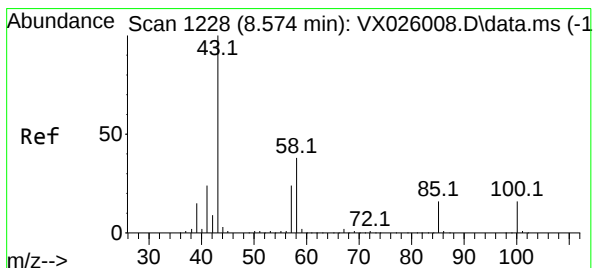
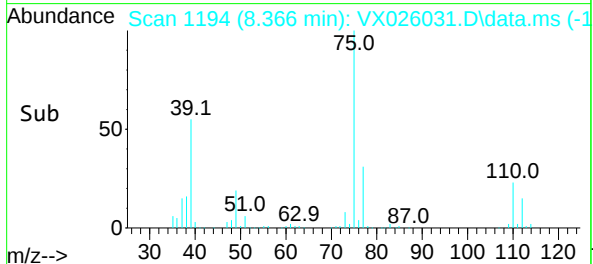
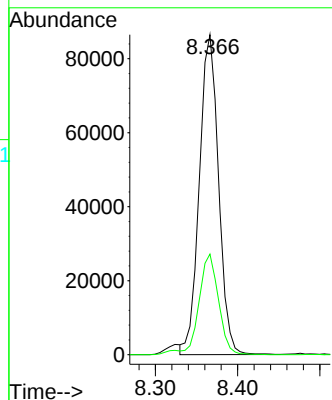
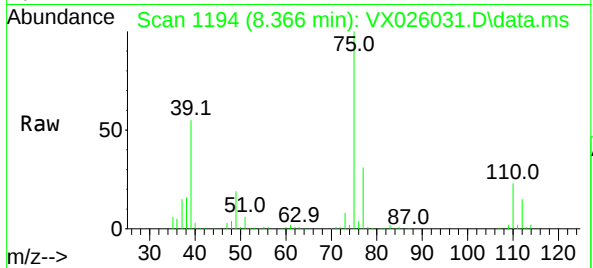
ClientSampleId :

Tgt Ion: 75 Resp: 140211

Ion Ratio Lower Upper

75 100

77 31.5 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 95.903 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX026031.D

Acq: 25 Dec 2021 12:27

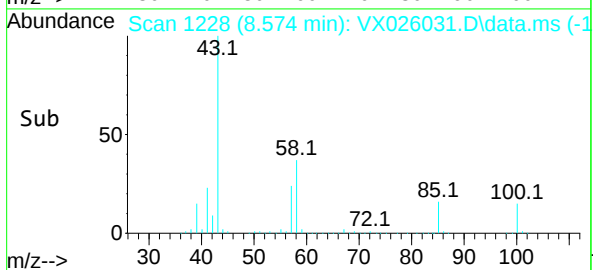
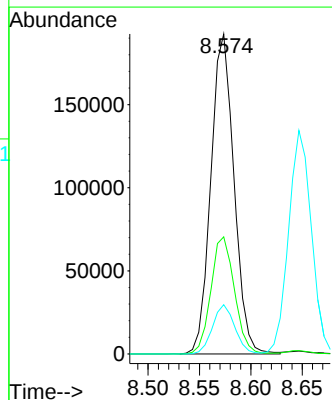
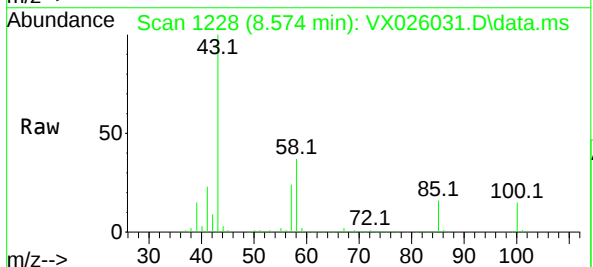
Tgt Ion: 43 Resp: 301083

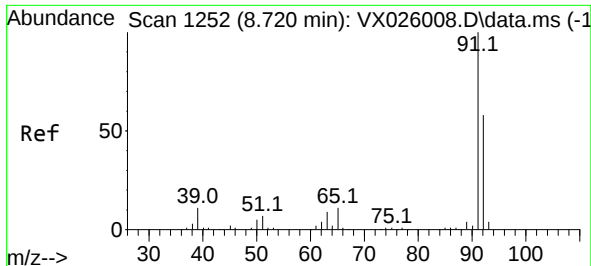
Ion Ratio Lower Upper

43 100

58 37.2 32.2 48.2

100 14.9 14.2 21.2

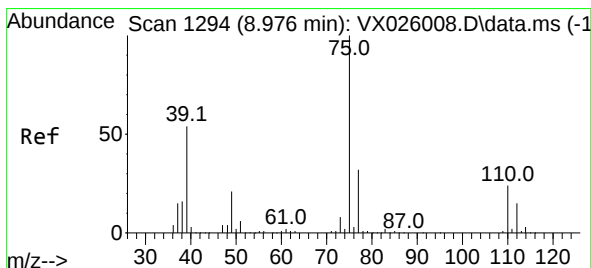
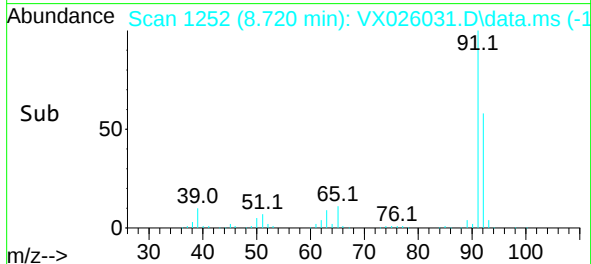
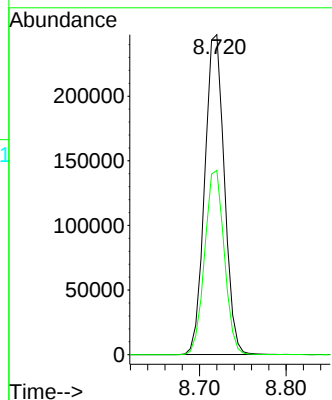
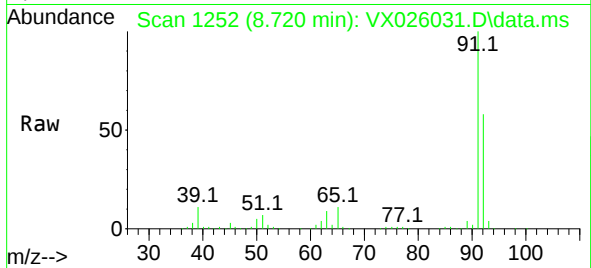




#42
Toluene
Concen: 49.652 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX026031.D
Acq: 25 Dec 2021 12:27

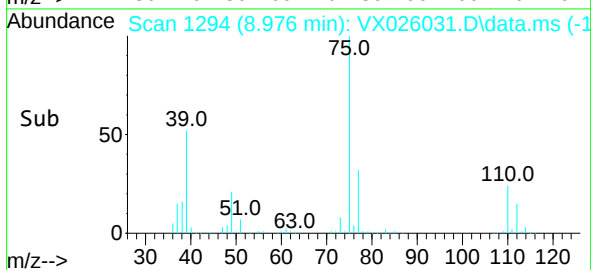
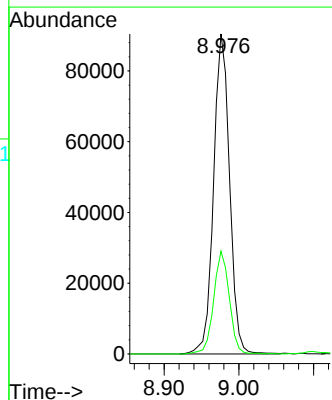
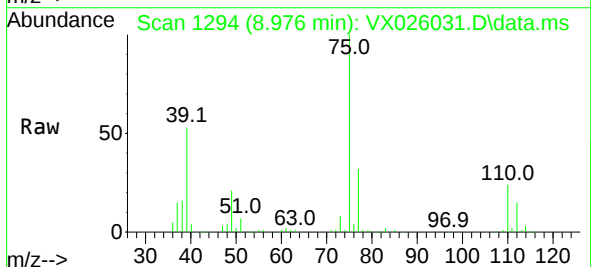
Instrument :
MSVOA_X
ClientSampleId :

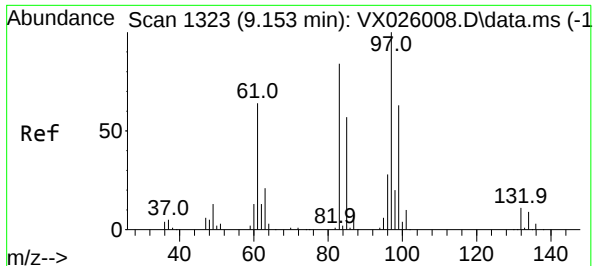
Tgt Ion: 91 Resp: 389008
Ion Ratio Lower Upper
91 100
92 57.6 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 52.871 ug/L
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX026031.D
Acq: 25 Dec 2021 12:27

Tgt Ion: 75 Resp: 134634
Ion Ratio Lower Upper
75 100
77 32.1 23.0 42.8





#45

1,1,2-Trichloroethane

Concen: 48.994 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX026031.D

Acq: 25 Dec 2021 12:27

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 88371

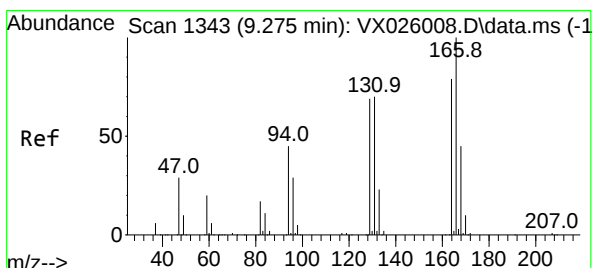
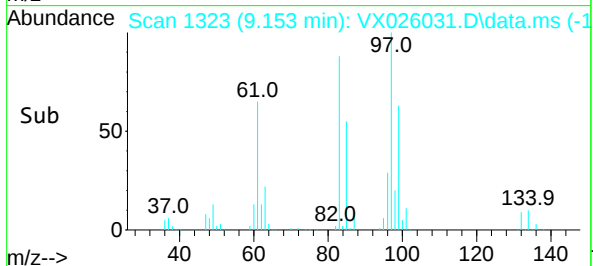
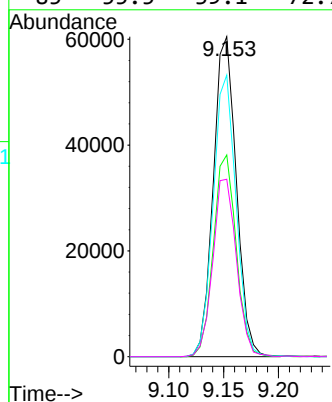
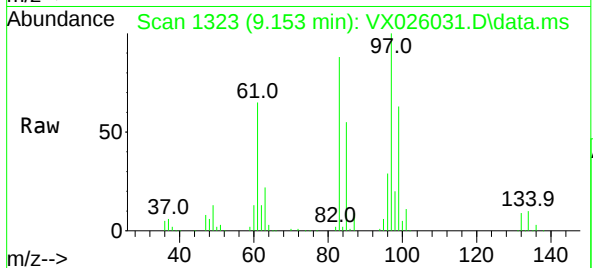
Ion Ratio Lower Upper

97 100

99 63.0 46.0 85.4

83 88.0 59.6 110.8

85 55.5 39.1 72.7



#46

Tetrachloroethene

Concen: 50.654 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX026031.D

Acq: 25 Dec 2021 12:27

Tgt Ion:164 Resp: 72721

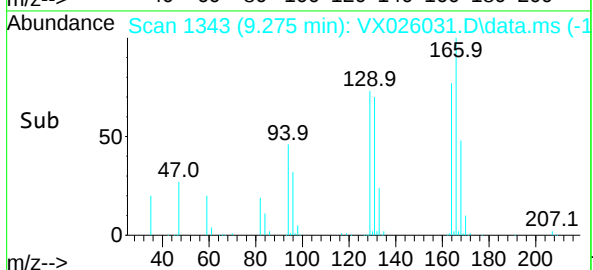
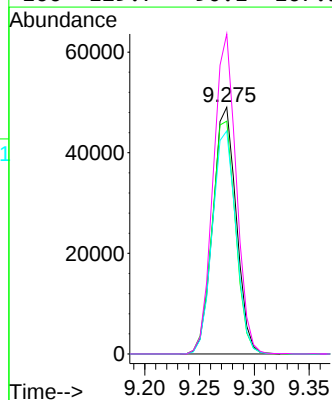
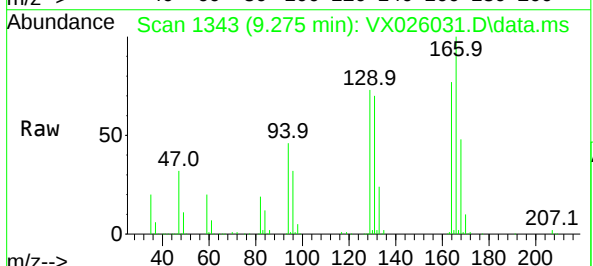
Ion Ratio Lower Upper

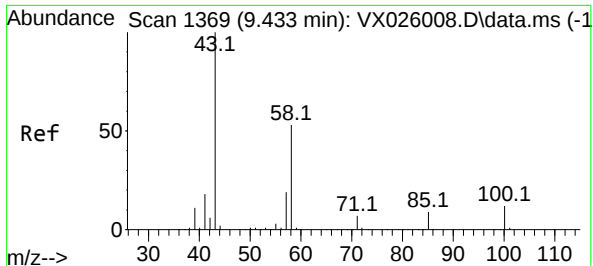
164 100

129 94.3 64.7 120.1

131 90.4 63.2 117.4

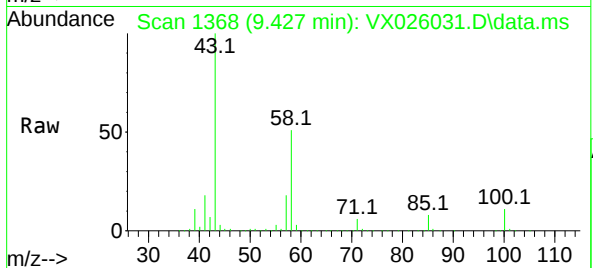
166 129.7 90.1 167.3



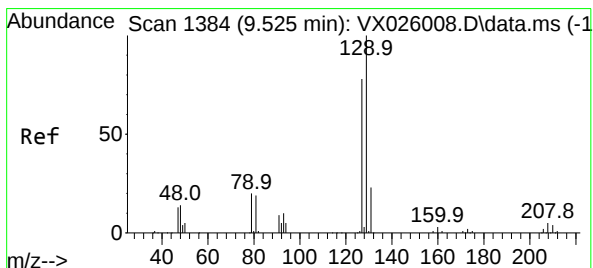
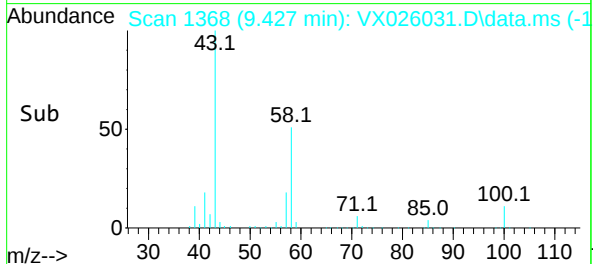
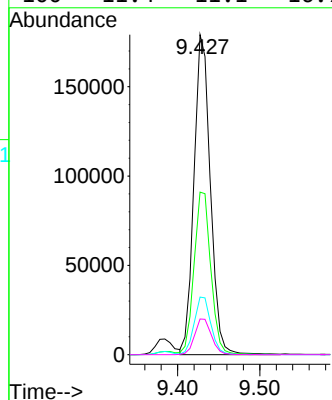


#48
2-Hexanone
Concen: 104.189 ug/L
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX026031.D
Acq: 25 Dec 2021 12:27

Instrument :
MSVOA_X
ClientSampleId :

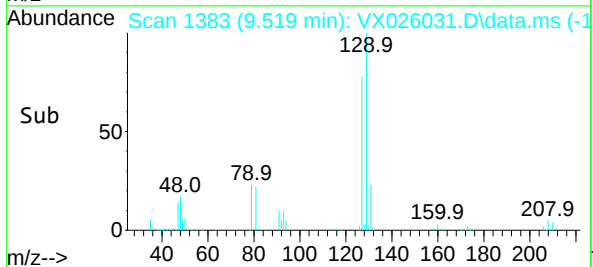
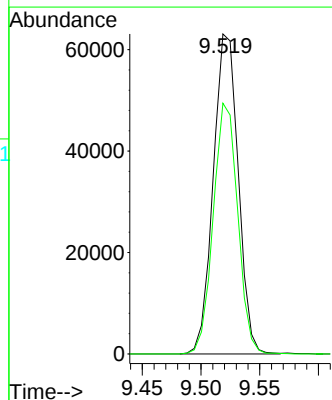
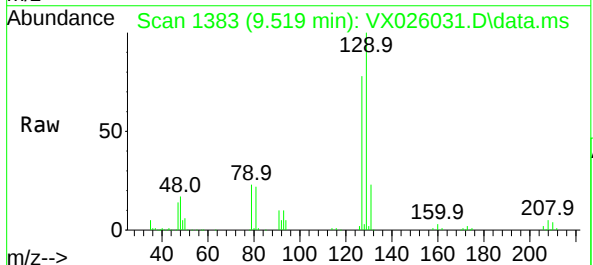


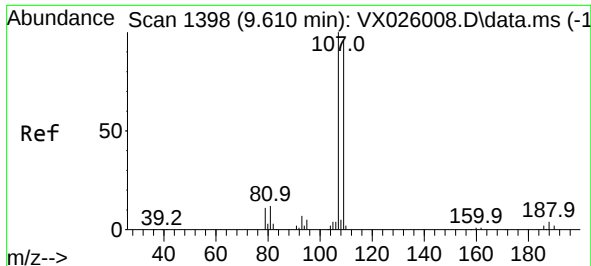
Tgt Ion: 43 Resp: 248787
Ion Ratio Lower Upper
43 100
58 51.7 44.2 66.4
57 18.2 15.1 22.7
100 11.4 11.1 16.7



#49
Dibromochloromethane
Concen: 50.135 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX026031.D
Acq: 25 Dec 2021 12:27

Tgt Ion: 129 Resp: 93391
Ion Ratio Lower Upper
129 100
127 78.3 52.4 97.2

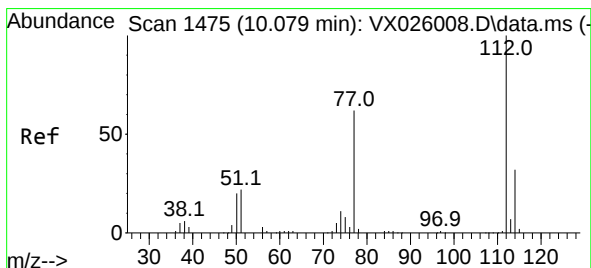
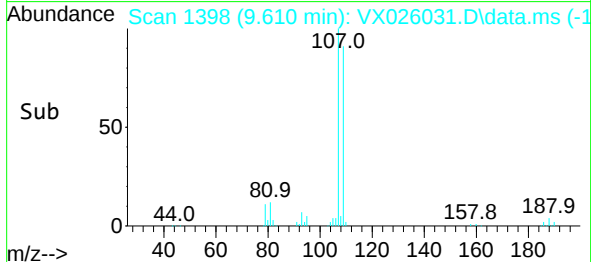
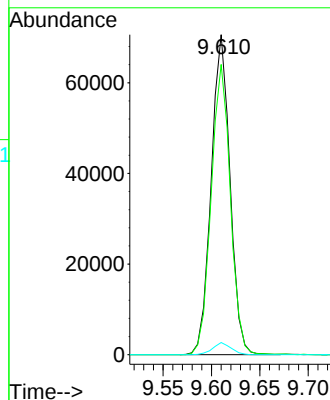
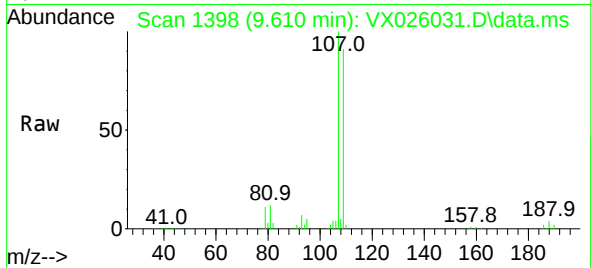




#50
1,2-Dibromoethane
Concen: 49.653 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX026031.D
Acq: 25 Dec 2021 12:27

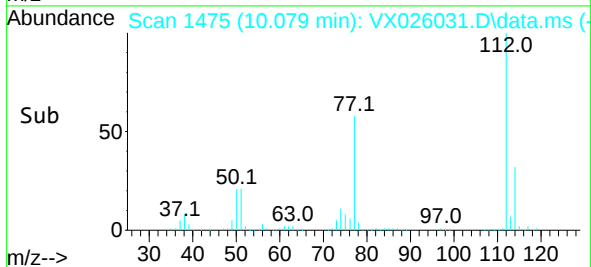
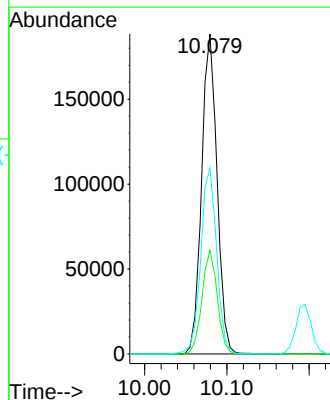
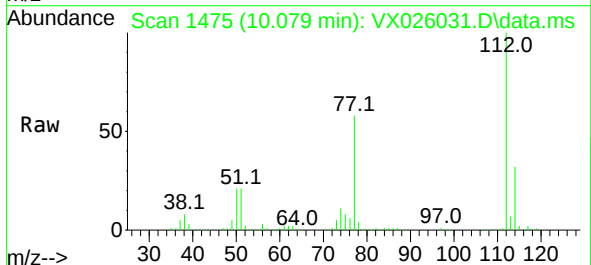
Instrument :
MSVOA_X
ClientSampleId :

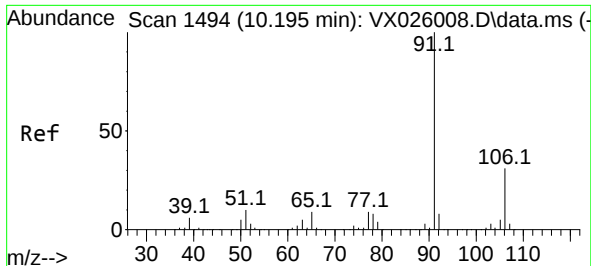
Tgt Ion:107 Resp: 95640
Ion Ratio Lower Upper
107 100
109 90.7 65.3 121.3
188 3.8 2.9 4.3



#51
Chlorobenzene
Concen: 49.808 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX026031.D
Acq: 25 Dec 2021 12:27

Tgt Ion:112 Resp: 245632
Ion Ratio Lower Upper
112 100
114 32.3 22.5 41.9
77 58.1 44.5 66.7

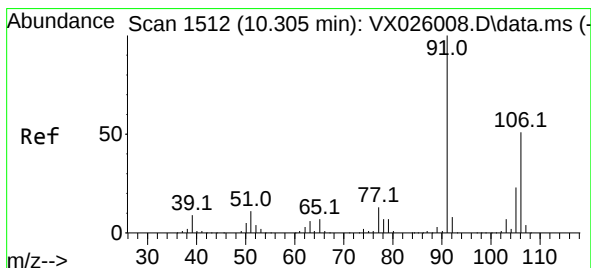
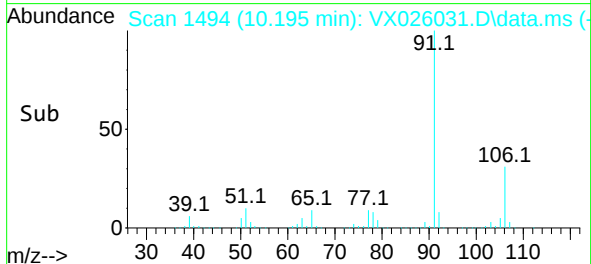
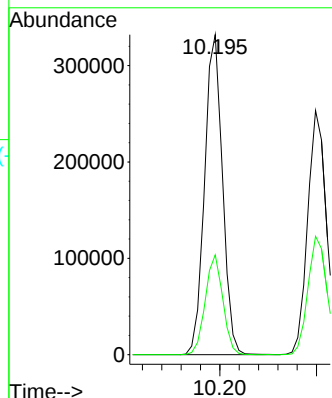
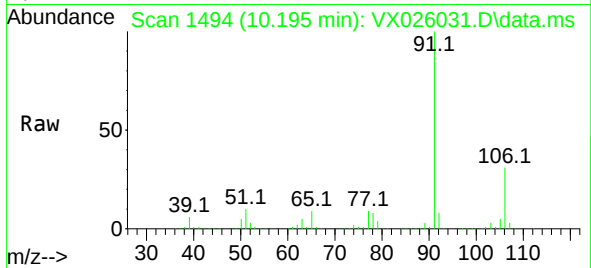




#52
Ethylbenzene
Concen: 50.336 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX026031.D
Acq: 25 Dec 2021 12:27

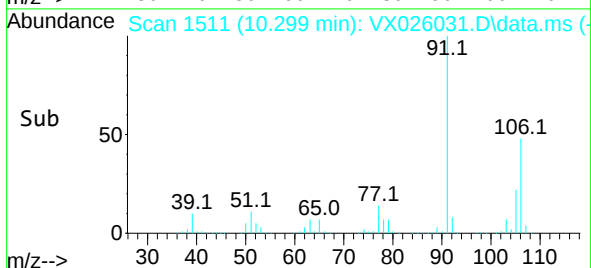
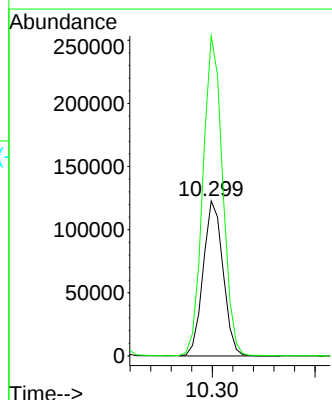
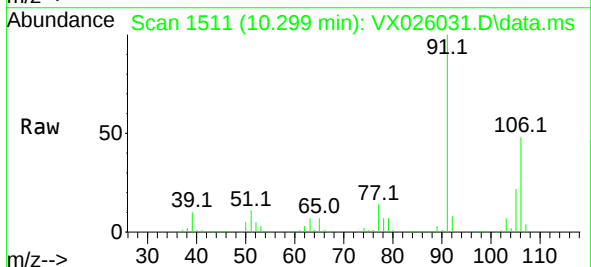
Instrument :
MSVOA_X
ClientSampleId :

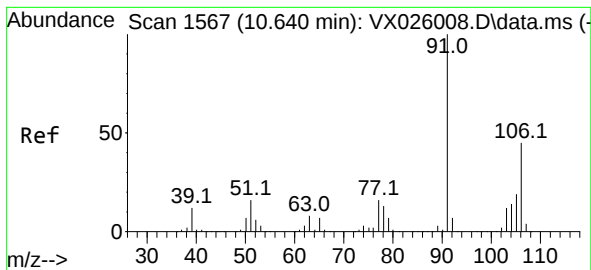
Tgt Ion: 91 Resp: 427718
Ion Ratio Lower Upper
91 100
106 31.2 23.1 42.9



#53
m,p-Xylene
Concen: 51.043 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX026031.D
Acq: 25 Dec 2021 12:27

Tgt Ion: 106 Resp: 165565
Ion Ratio Lower Upper
106 100
91 206.3 136.8 254.2





#54

o-Xylene

Concen: 49.978 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX026031.D

Acq: 25 Dec 2021 12:27

Instrument :

MSVOA_X

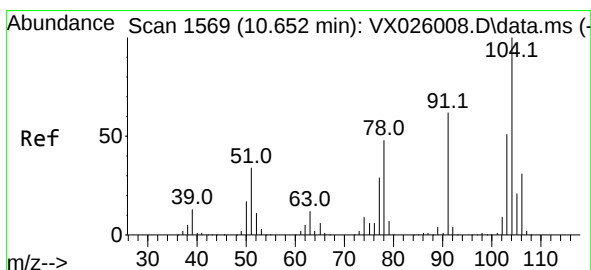
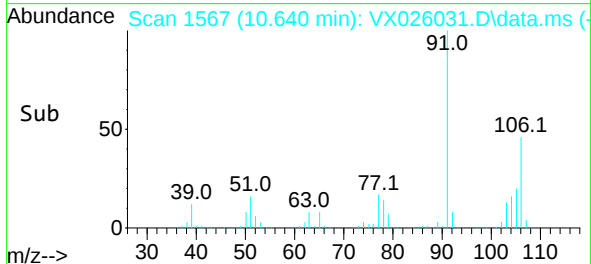
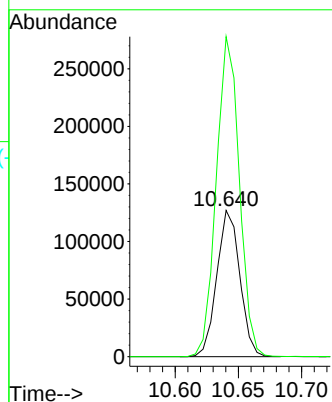
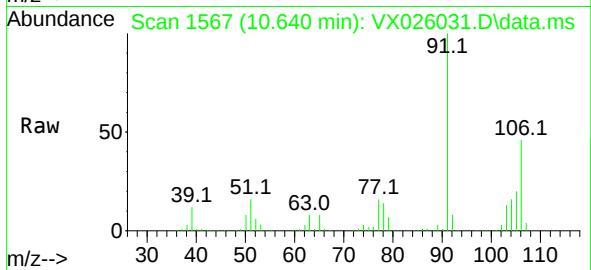
ClientSampleId :

Tgt Ion:106 Resp: 160574

Ion Ratio Lower Upper

106 100

91 218.9 140.5 260.9



#55

Styrene

Concen: 51.445 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX026031.D

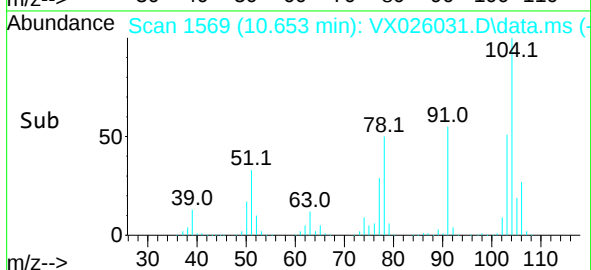
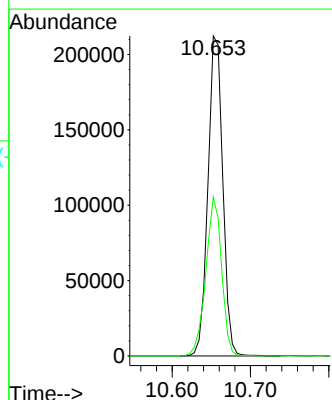
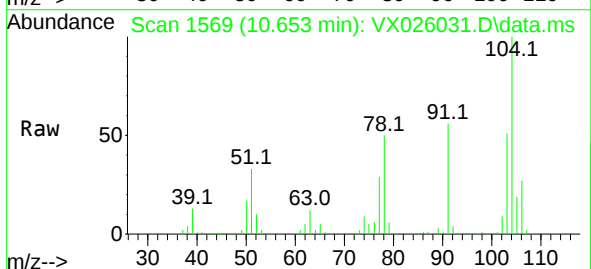
Acq: 25 Dec 2021 12:27

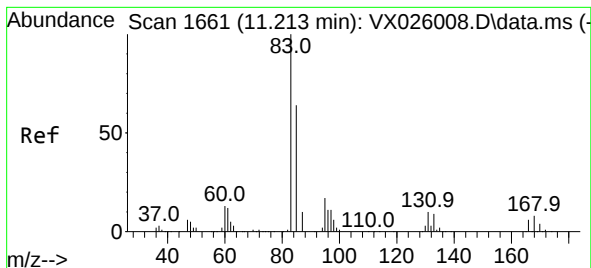
Tgt Ion:104 Resp: 279034

Ion Ratio Lower Upper

104 100

78 49.7 28.6 53.0

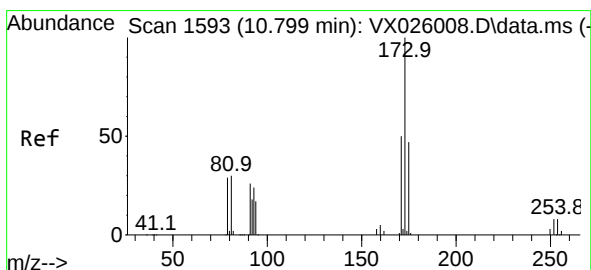
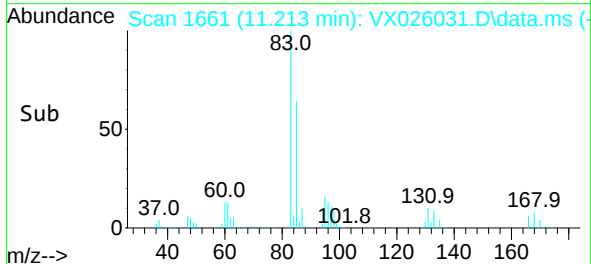
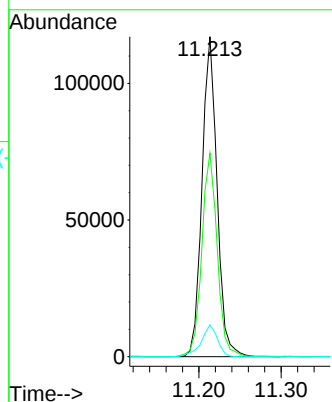
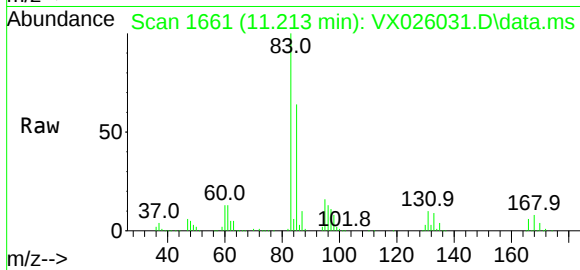




#57
1,1,2,2-Tetrachloroethane
Concen: 49.052 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX026031.D
Acq: 25 Dec 2021 12:27

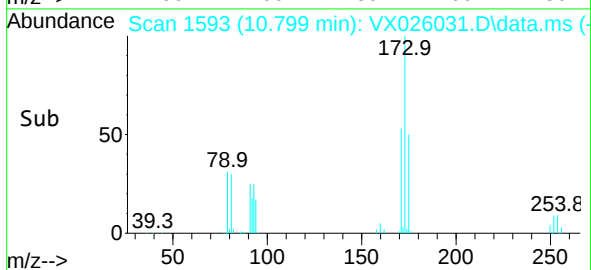
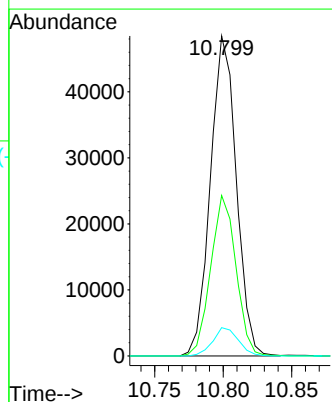
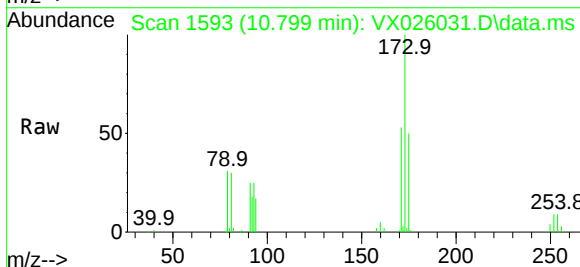
Instrument :
MSVOA_X
ClientSampleId :

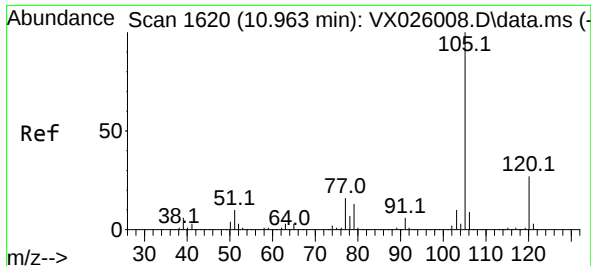
Tgt Ion: 83 Resp: 148677
Ion Ratio Lower Upper
83 100
85 63.6 47.0 87.2
131 10.0 8.5 12.7



#59
Bromoform
Concen: 49.355 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX026031.D
Acq: 25 Dec 2021 12:27

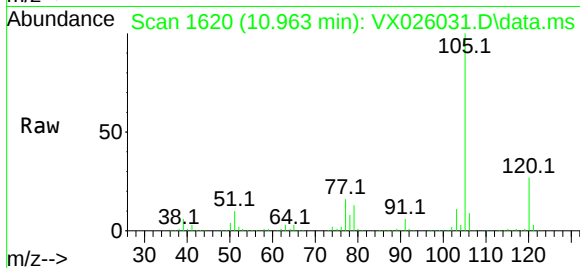
Tgt Ion:173 Resp: 63774
Ion Ratio Lower Upper
173 100
175 48.9 38.6 58.0
254 8.7 7.7 11.5



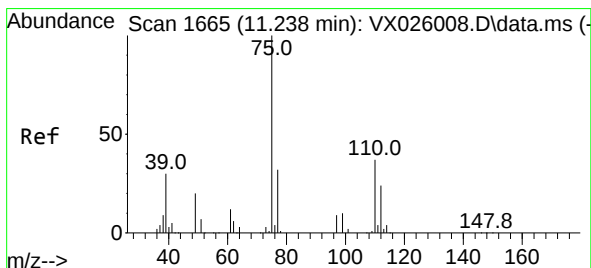
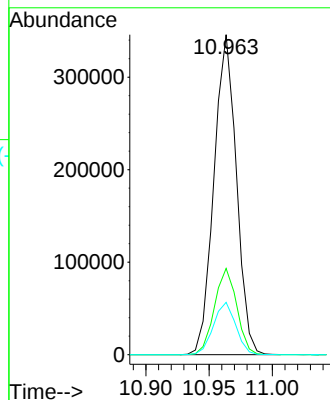
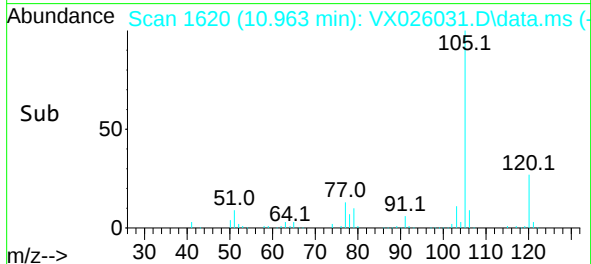


#60
Isopropylbenzene
Concen: 49.624 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX026031.D
Acq: 25 Dec 2021 12:27

Instrument :
MSVOA_X
ClientSampleId :

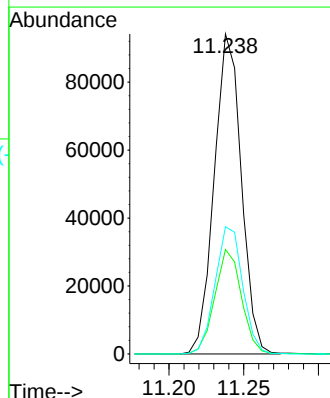
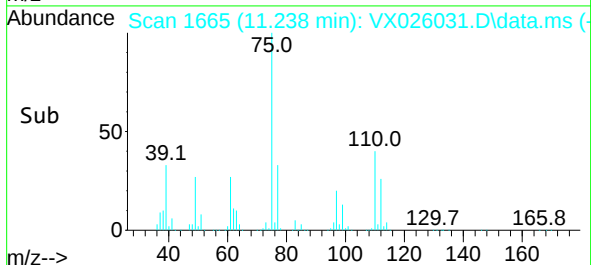
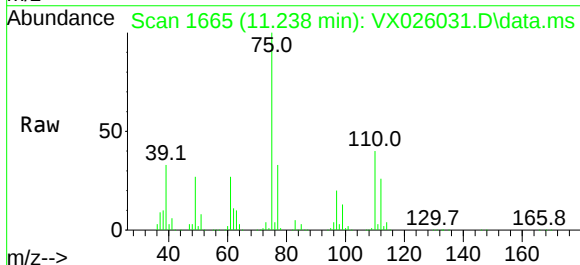


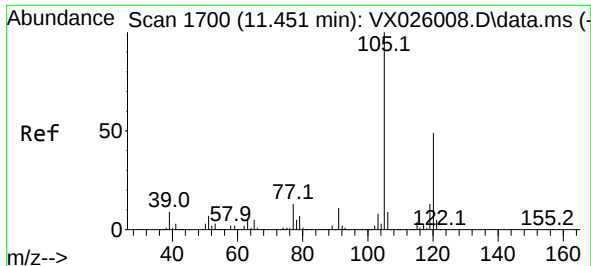
Tgt Ion:105 Resp: 426566
Ion Ratio Lower Upper
105 100
120 26.7 22.3 33.5
77 16.3 11.5 17.3



#61
1,2,3-Trichloropropane
Concen: 47.497 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX026031.D
Acq: 25 Dec 2021 12:27

Tgt Ion: 75 Resp: 118737
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.8
110 40.4 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 50.533 ug/L

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX026031.D

Acq: 25 Dec 2021 12:27

Instrument :

MSVOA_X

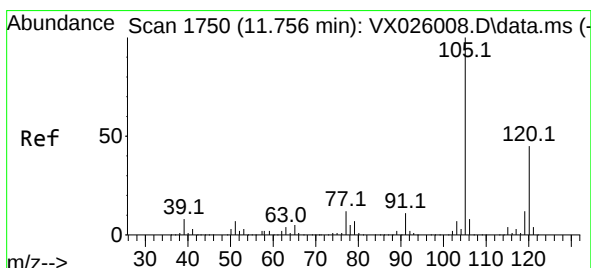
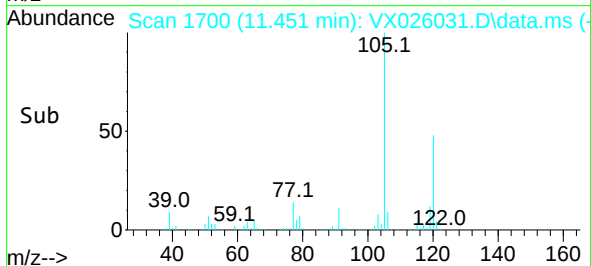
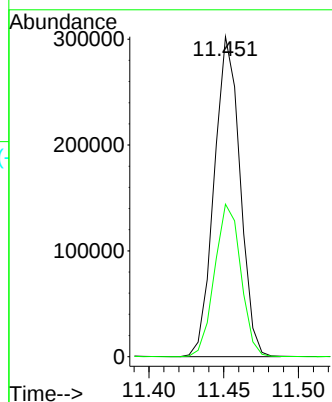
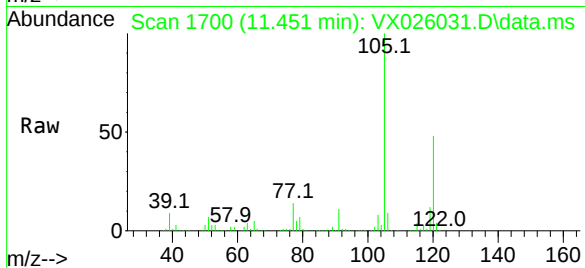
ClientSampleId :

Tgt Ion:105 Resp: 363703

Ion Ratio Lower Upper

105 100

120 48.4 41.0 61.4



#63

1,2,4-Trimethylbenzene

Concen: 51.362 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX026031.D

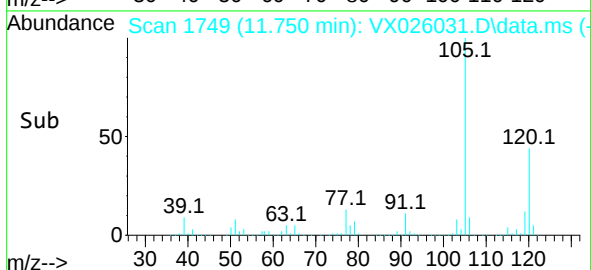
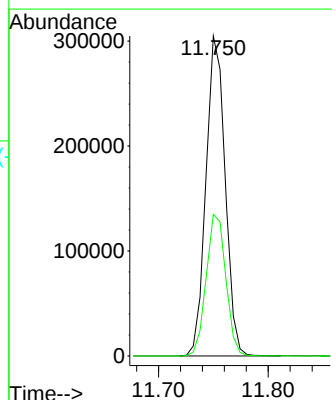
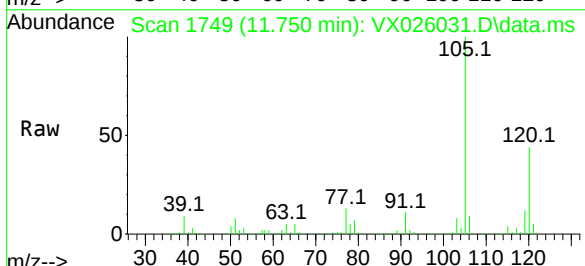
Acq: 25 Dec 2021 12:27

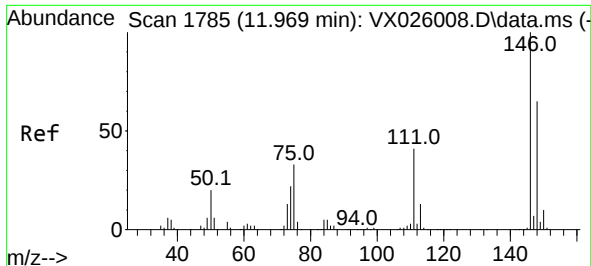
Tgt Ion:105 Resp: 370330

Ion Ratio Lower Upper

105 100

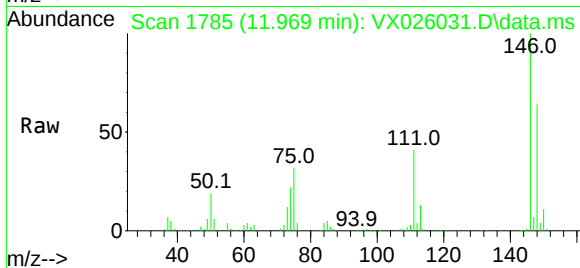
120 45.3 0.1 0.1#



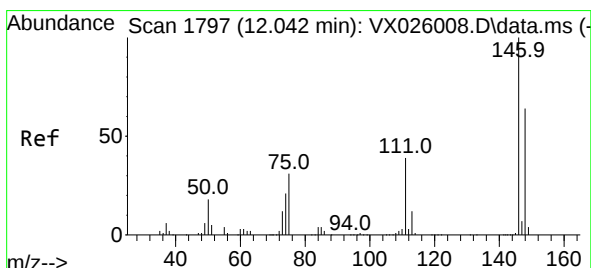
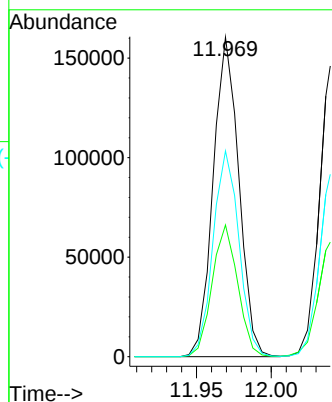
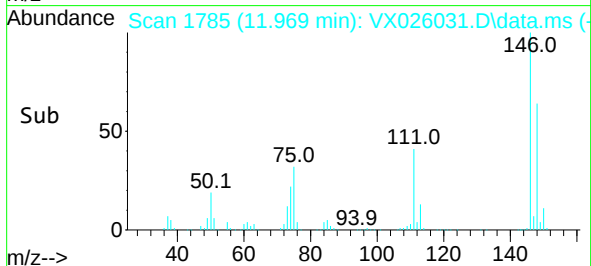


#64
1,3-Dichlorobenzene
Concen: 49.904 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX026031.D
Acq: 25 Dec 2021 12:27

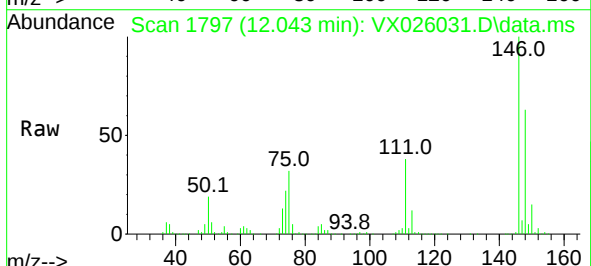
Instrument :
MSVOA_X
ClientSampleId :



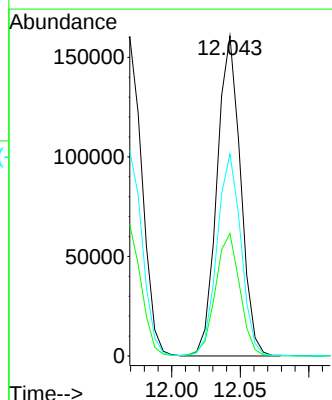
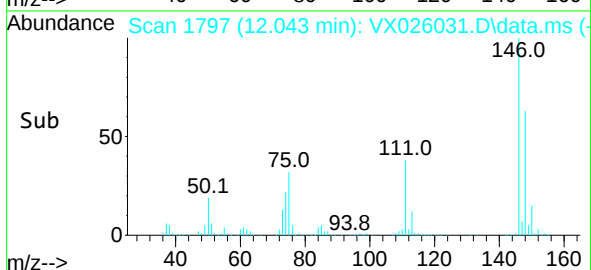
Tgt Ion:146 Resp: 191401
Ion Ratio Lower Upper
146 100
111 41.2 27.6 51.2
148 64.4 45.2 84.0

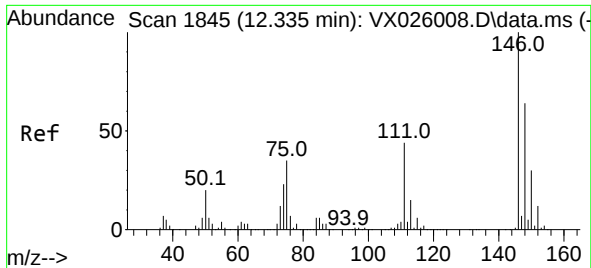


#65
1,4-Dichlorobenzene
Concen: 49.767 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX026031.D
Acq: 25 Dec 2021 12:27



Tgt Ion:146 Resp: 192176
Ion Ratio Lower Upper
146 100
111 38.3 26.5 49.3
148 63.1 45.5 84.5





#67

1,2-Dichlorobenzene

Concen: 49.579 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX026031.D

Acq: 25 Dec 2021 12:27

Instrument :

MSVOA_X

ClientSampleId :

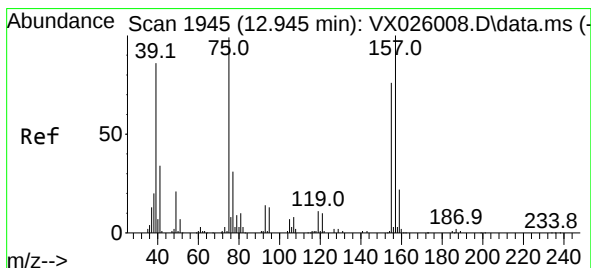
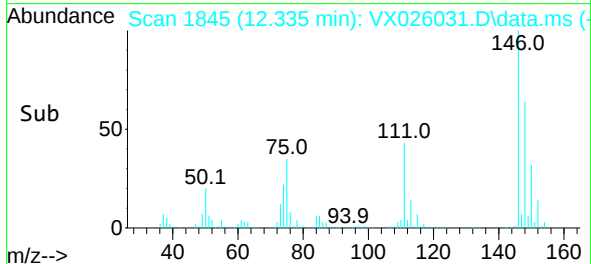
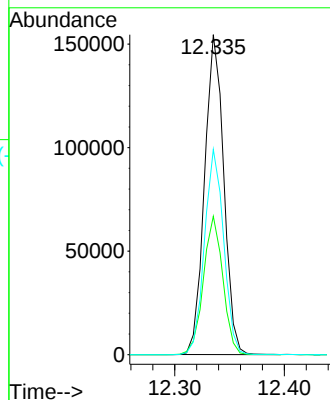
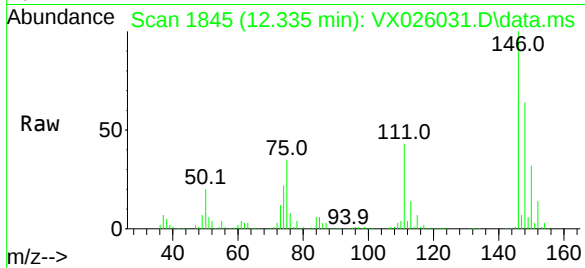
Tgt Ion:146 Resp: 188014

Ion Ratio Lower Upper

146 100

111 43.2 32.3 48.5

148 64.1 50.3 75.5



#68

1,2-Dibromo-3-chloropropane

Concen: 47.904 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX026031.D

Acq: 25 Dec 2021 12:27

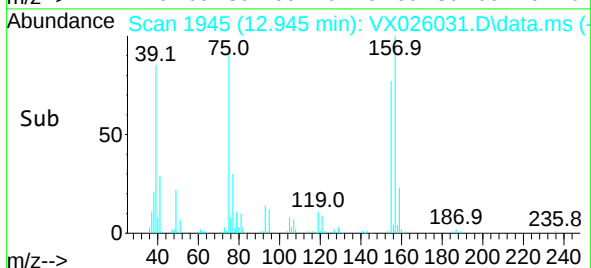
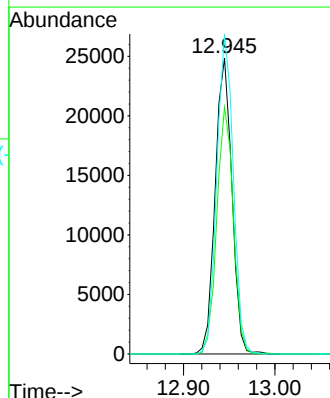
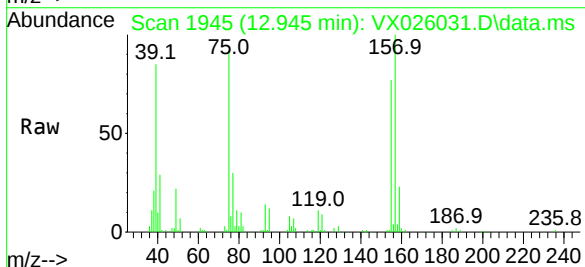
Tgt Ion: 75 Resp: 31551

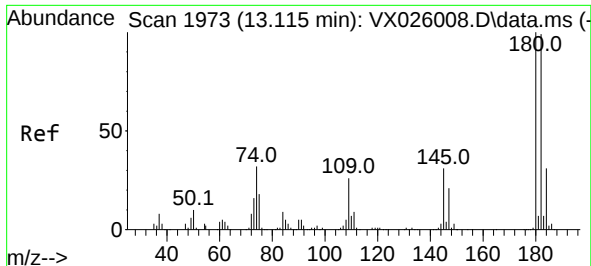
Ion Ratio Lower Upper

75 100

155 83.5 79.4 119.2

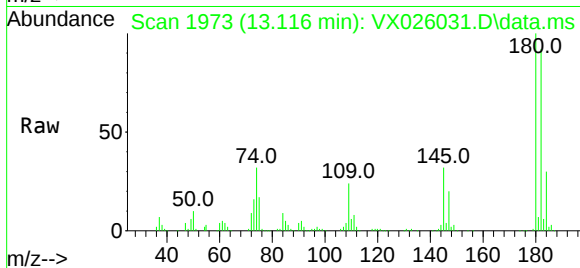
157 108.2 100.4 150.6



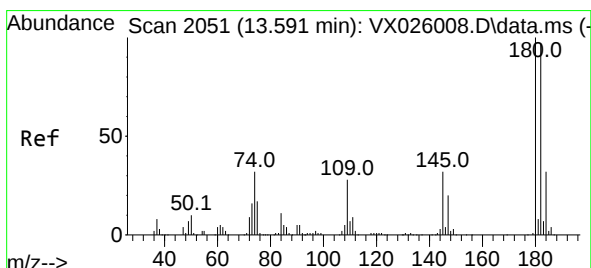
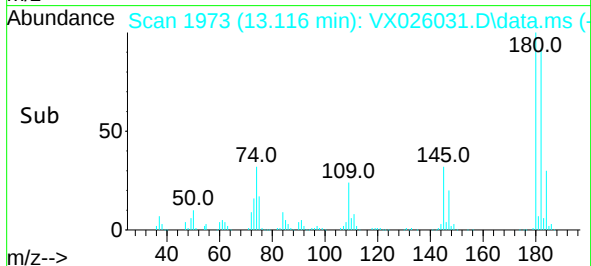
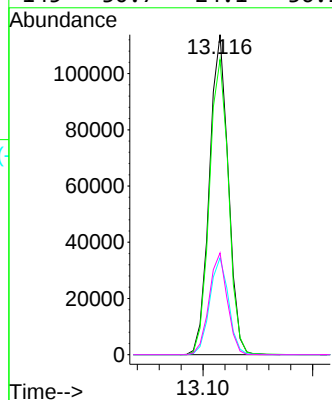


#69
 1,3,5-Trichlorobenzene
 Concen: 52.693 ug/L
 RT: 13.116 min Scan# 1973
 Delta R.T. -0.000 min
 Lab File: VX026031.D
 Acq: 25 Dec 2021 12:27

Instrument :
 MSVOA_X
 ClientSampleId :

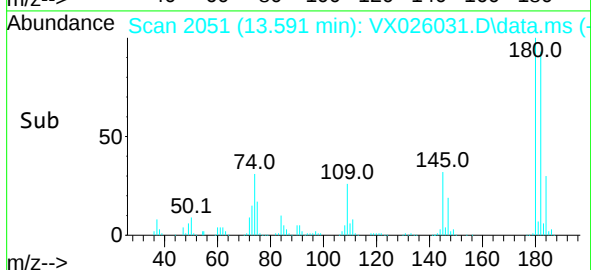
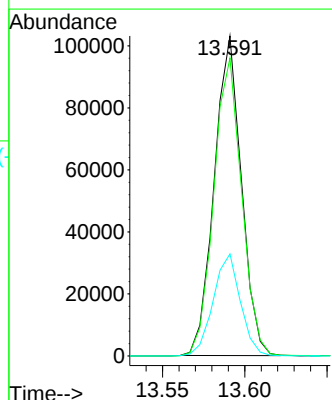
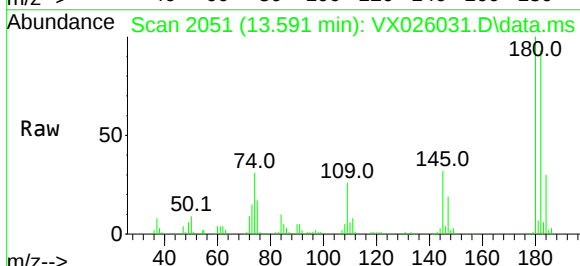


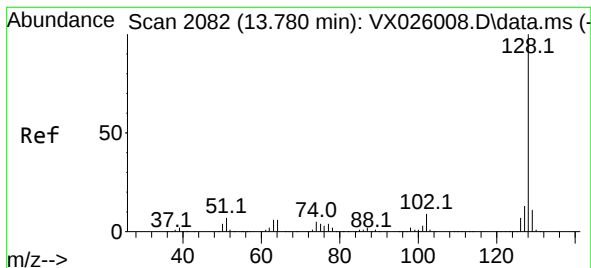
Tgt Ion:180 Resp: 135673
 Ion Ratio Lower Upper
 180 100
 182 93.6 75.3 112.9
 184 30.1 24.6 37.0
 145 30.7 24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 51.573 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: VX026031.D
 Acq: 25 Dec 2021 12:27

Tgt Ion:180 Resp: 118255
 Ion Ratio Lower Upper
 180 100
 182 95.4 78.2 117.4
 145 32.1 24.7 37.1





#71

Naphthalene

Concen: 51.518 ug/L

RT: 13.774 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX026031.D

Acq: 25 Dec 2021 12:27

Instrument :

MSVOA_X

ClientSampleId :

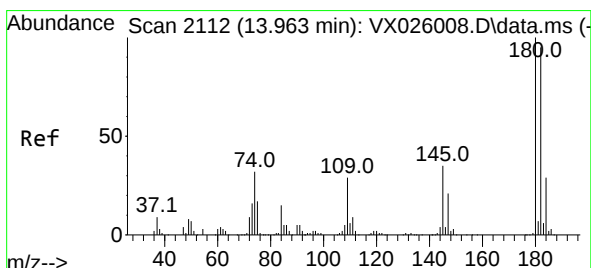
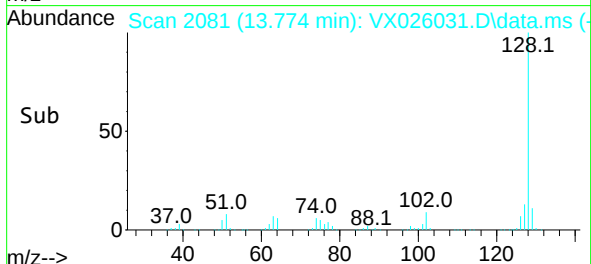
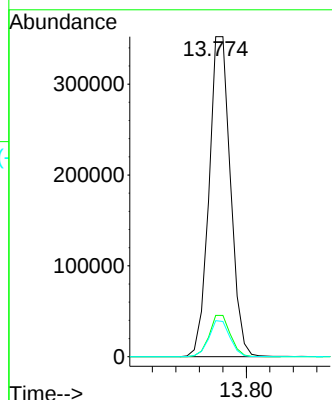
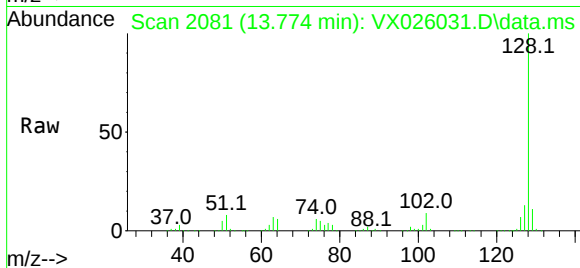
Tgt Ion:128 Resp: 446572

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 51.469 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX026031.D

Acq: 25 Dec 2021 12:27

Tgt Ion:180 Resp: 121875

Ion Ratio Lower Upper

180 100

182 96.0 75.2 112.8

145 33.6 25.8 38.6

