

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120821\
 Data File : VX025612.D
 Acq On : 08 Dec 2021 11:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 09 01:34:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 08 07:24:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	159862	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	149526	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	78137	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	54400	49.863	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.720%
7) Chloroethane-d5	1.666	69	44918	49.885	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.780%
11) 1,1-Dichloroethene-d2	2.306	63	96594	55.529	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.060%
21) 2-Butanone-d5	4.446	46	75206	92.604	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.600%
24) Chloroform-d	5.056	84	100121	52.509	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.020%
26) 1,2-Dichloroethane-d4	5.952	65	61508	51.753	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.500%
32) Benzene-d6	5.970	84	200750	50.657	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.320%
36) 1,2-Dichloropropane-d6	7.306	67	60198	49.063	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.120%
41) Toluene-d8	8.647	98	189936	50.778	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.560%
43) trans-1,3-Dichloroprop...	8.952	79	28732	46.577	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.160%
47) 2-Hexanone-d5	9.384	63	57492	90.016	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.020%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	84016	48.451	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.900%
66) 1,2-Dichlorobenzene-d4	12.323	152	76916	50.189	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	63972	68.193	ug/L	99
3) Chloromethane	1.294	50	57631	59.520	ug/L	97
5) Vinyl chloride	1.374	62	62445	55.242	ug/L	98
6) Bromomethane	1.599	94	37323	63.116	ug/L	100
8) Chloroethane	1.685	64	39855	52.927	ug/L	99
9) Trichlorofluoromethane	1.886	101	95272	54.010	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	54551	58.888	ug/L	100
12) 1,1-Dichloroethene	2.319	96	49520	57.686	ug/L	98
13) Acetone	2.380	43	76260	114.199	ug/L	98
14) Carbon disulfide	2.514	76	120899	57.277	ug/L	100
15) Methyl Acetate	2.703	43	55316	51.255	ug/L #	90
16) Methylene chloride	2.788	84	55349	55.747	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	52128	56.404	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	168758	53.725	ug/L	99
19) 1,1-Dichloroethane	3.605	63	91930	55.543	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	59898	54.998	ug/L	96
22) 2-Butanone	4.556	43	94309	106.788	ug/L	100
23) Bromochloromethane	4.897	128	31550	54.834	ug/L	98
25) Chloroform	5.086	83	99154	55.049	ug/L	99

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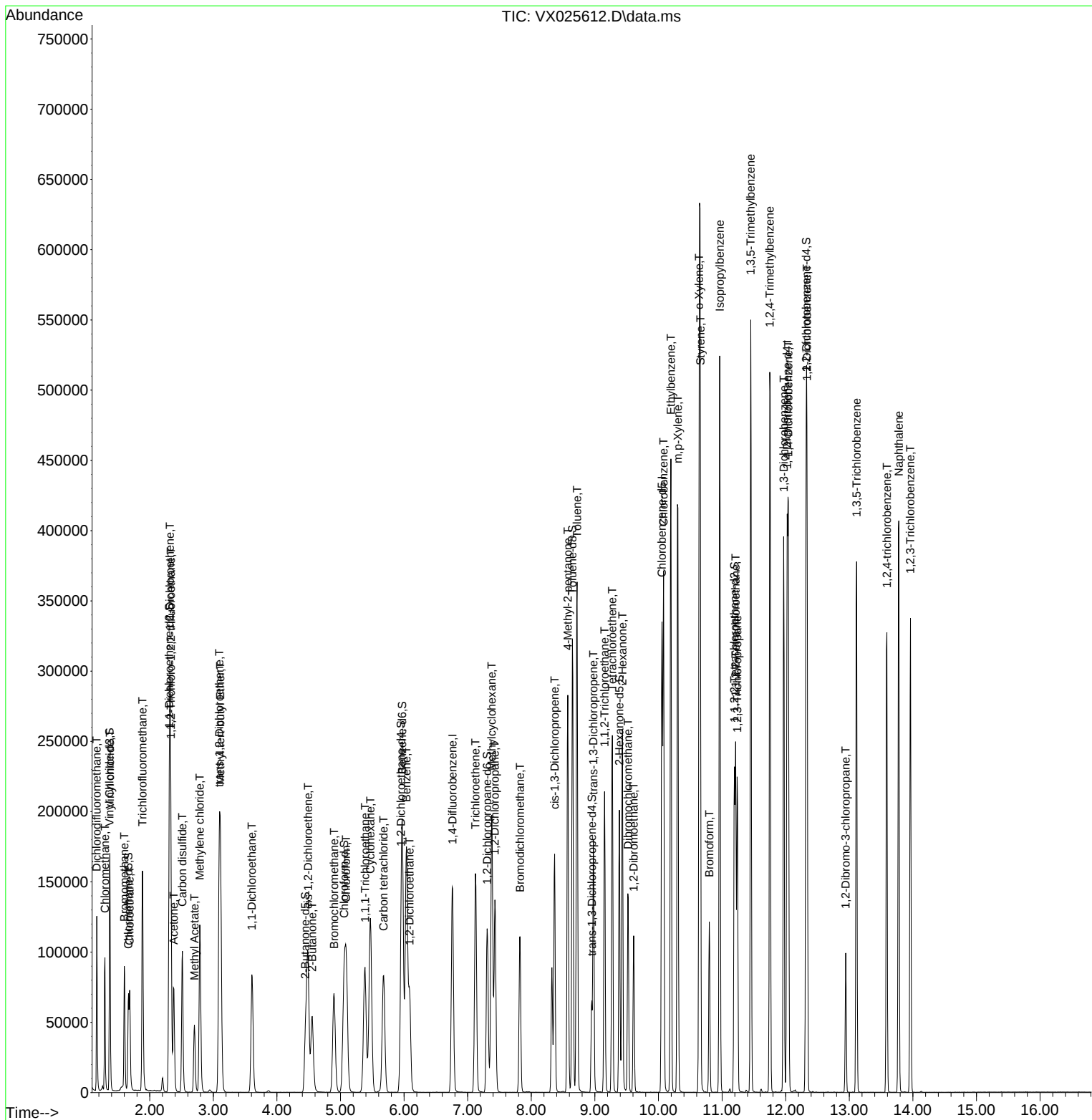
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 ClientSampleId :

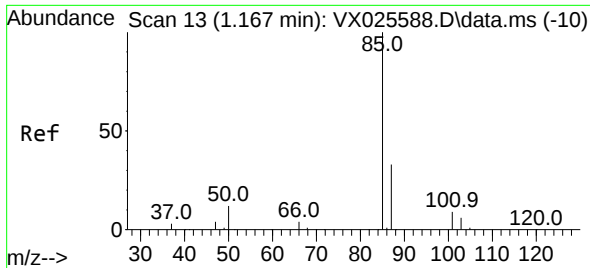
Quant Time: Dec 09 01:34:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 08 07:24:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	74193	56.634	ug/L	99
29) Cyclohexane	5.471	56	85715	55.954	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	88564	53.655	ug/L	100
31) Carbon tetrachloride	5.678	117	78038	52.943	ug/L	99
33) Benzene	6.037	78	212798	53.272	ug/L	100
34) Trichloroethene	7.123	95	58045	55.247	ug/L	98
35) Methylcyclohexane	7.379	83	94250	56.995	ug/L	99
37) 1,2-Dichloropropane	7.427	63	54063	53.959	ug/L	100
38) Bromodichloromethane	7.824	83	70870	50.792	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	84946	52.054	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	161827	101.148	ug/L	99
42) Toluene	8.720	91	239051	54.264	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	81420	51.911	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	56347	52.995	ug/L	97
46) Tetrachloroethene	9.275	164	49489	55.541	ug/L	99
48) 2-Hexanone	9.433	43	135858	105.728	ug/L	99
49) Dibromochloromethane	9.519	129	61720	50.364	ug/L	97
50) 1,2-Dibromoethane	9.610	107	59740	52.717	ug/L	98
51) Chlorobenzene	10.079	112	160253	55.148	ug/L	99
52) Ethylbenzene	10.195	91	262734	55.493	ug/L	99
53) m,p-Xylene	10.305	106	106697	55.636	ug/L	99
54) o-Xylene	10.640	106	104299	54.330	ug/L	95
55) Styrene	10.659	104	177018	55.493	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	85760	52.234	ug/L	98
59) Bromoform	10.799	173	42291	43.865	ug/L	98
60) Isopropylbenzene	10.963	105	272321	54.229	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	68282	51.084	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	232072	55.255	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	230257	54.259	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	129449	56.140	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	128224	55.052	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	126632	54.312	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	16745	45.076	ug/L	99
69) 1,3,5-Trichlorobenzene	13.115	180	93522	55.753	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	80707	57.239	ug/L	98
71) Naphthalene	13.780	128	263090	55.048	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	80374	55.643	ug/L	99

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

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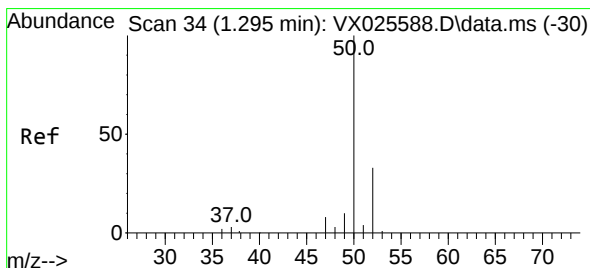
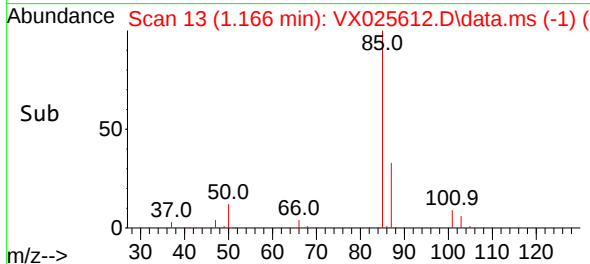
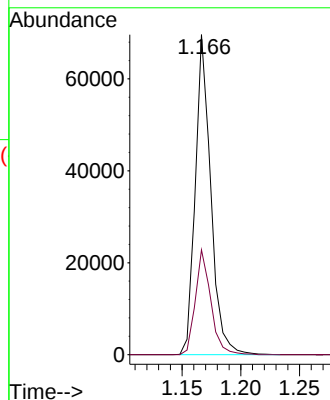
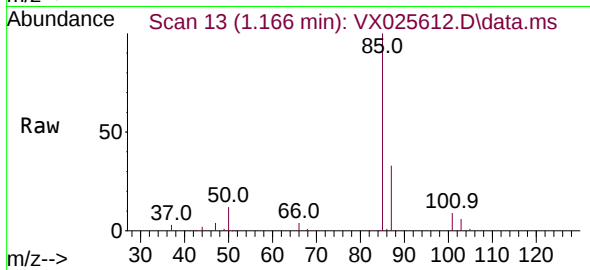




#2
 Dichlorodifluoromethane
 Concen: 68.193 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX025612.D
 Acq: 08 Dec 2021 11:34

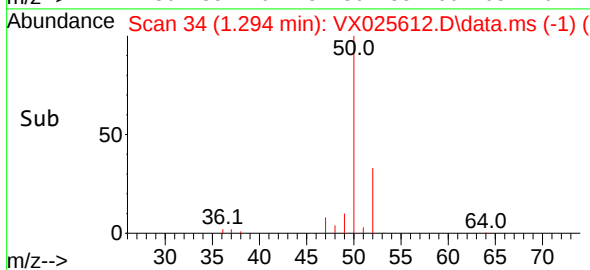
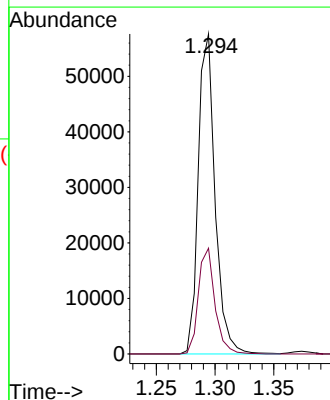
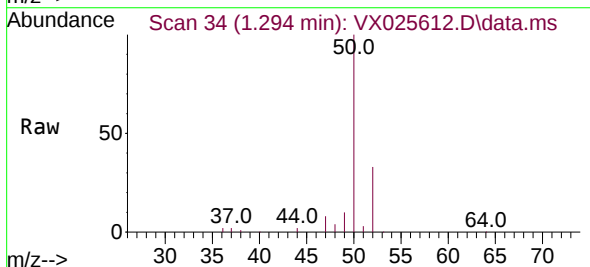
Instrument :
 MSVOA_X
 ClientSampleId :

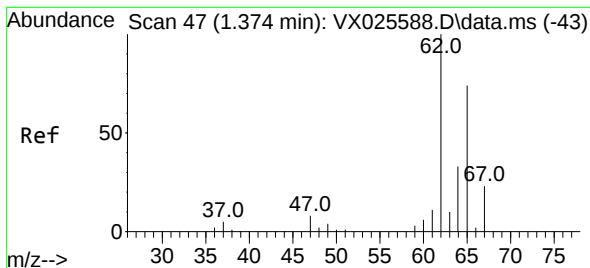
Tgt Ion: 85 Resp: 63972
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.8 38.6



#3
 Chloromethane
 Concen: 59.520 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX025612.D
 Acq: 08 Dec 2021 11:34

Tgt Ion: 50 Resp: 57631
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.0 40.8





#5

Vinyl chloride

Concen: 55.242 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX025612.D

Acq: 08 Dec 2021 11:34

Instrument :

MSVOA_X

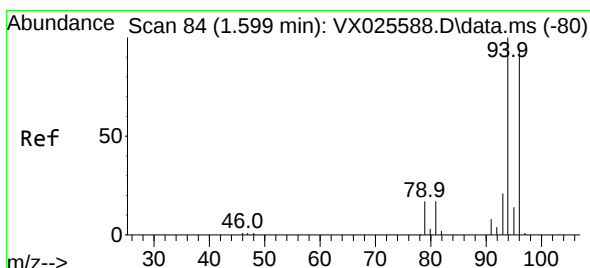
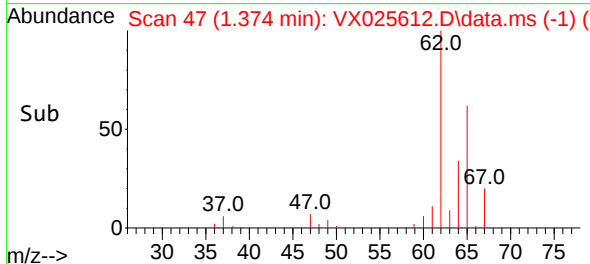
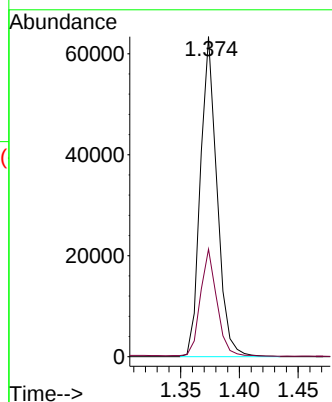
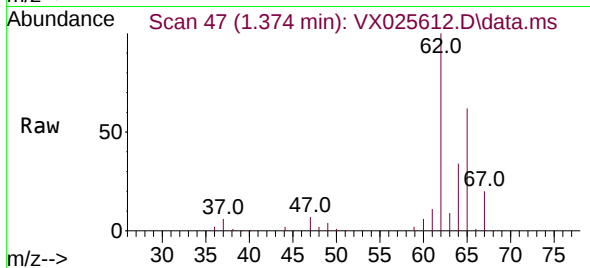
ClientSampleId :

Tgt Ion: 62 Resp: 62445

Ion Ratio Lower Upper

62 100

64 33.6 22.9 42.5



#6

Bromomethane

Concen: 63.116 ug/L

RT: 1.599 min Scan# 84

Delta R.T. -0.000 min

Lab File: VX025612.D

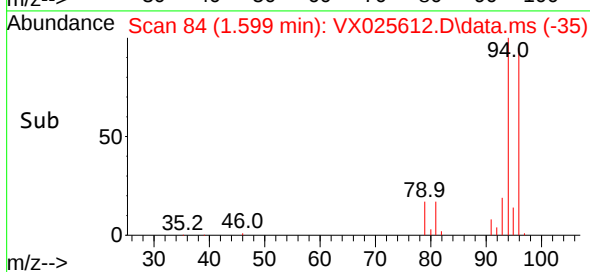
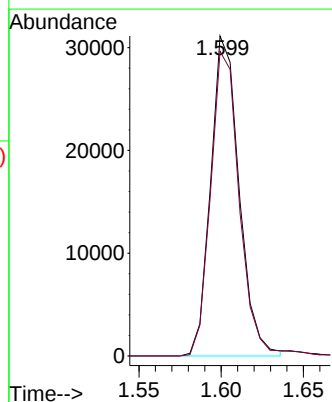
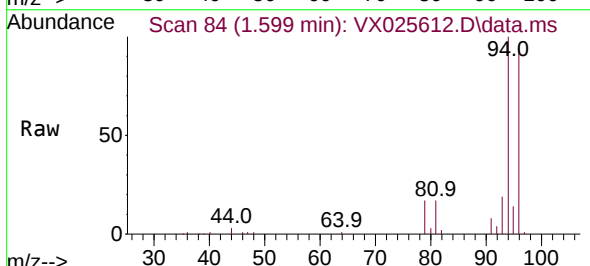
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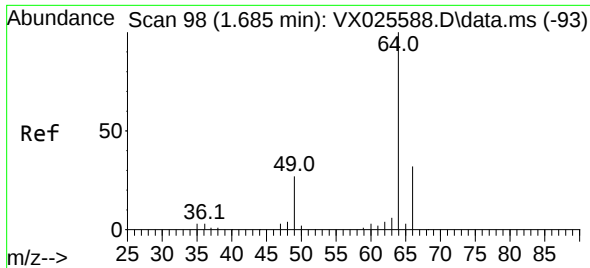
Tgt Ion: 94 Resp: 37323

Ion Ratio Lower Upper

94 100

96 95.2 66.7 123.9

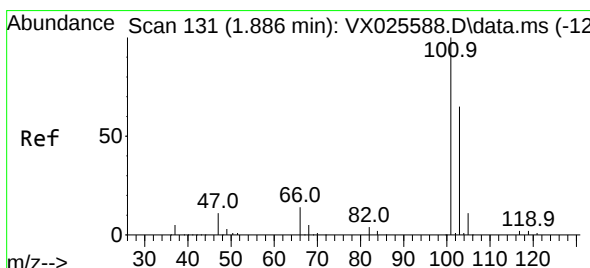
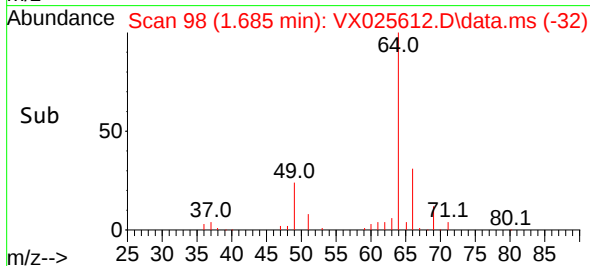
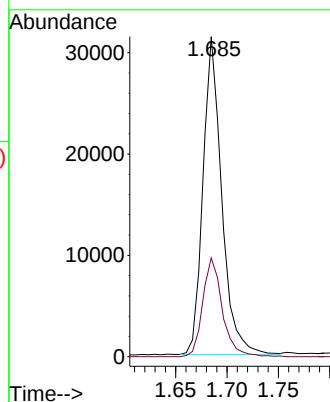
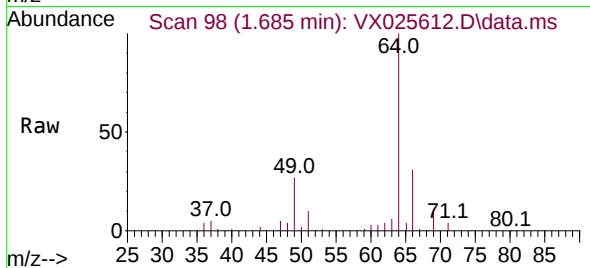




#8
Chloroethane
Concen: 52.927 ug/L
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX025612.D
Acq: 08 Dec 2021 11:34

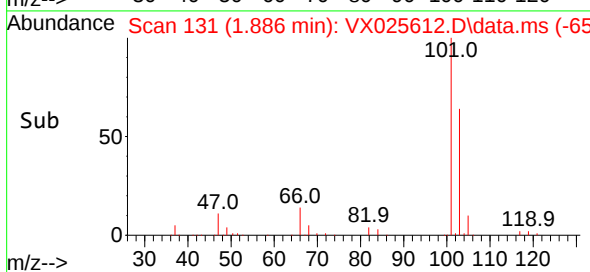
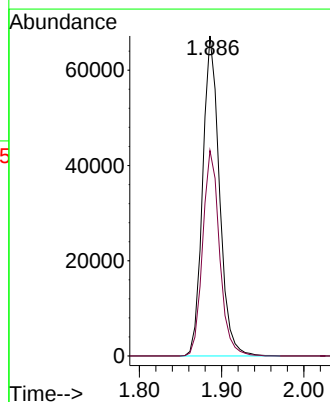
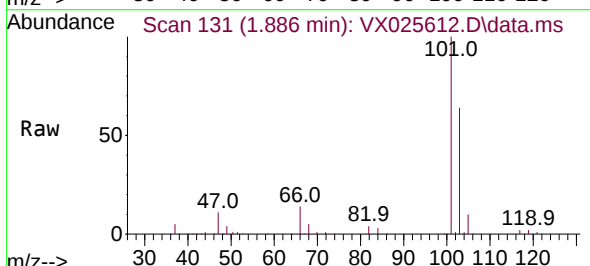
Instrument :
MSVOA_X
ClientSampleId :

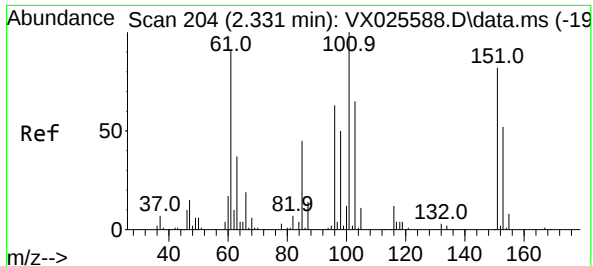
Tgt Ion: 64 Resp: 39855
Ion Ratio Lower Upper
64 100
66 30.9 22.0 40.8



#9
Trichlorofluoromethane
Concen: 54.010 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX025612.D
Acq: 08 Dec 2021 11:34

Tgt Ion:101 Resp: 95272
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.2





#10

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

Concen: 58.888 ug/L

RT: 2.331 min Scan# 204

Delta R.T. -0.000 min

Lab File: VX025612.D

Acq: 08 Dec 2021 11:34

Instrument :

MSVOA_X

ClientSampleId :

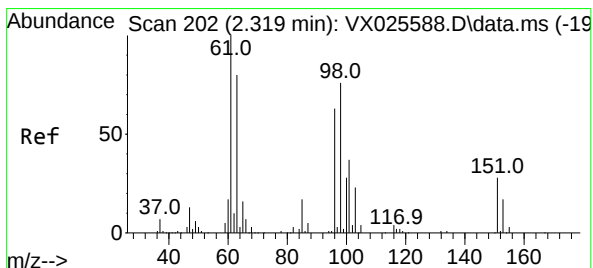
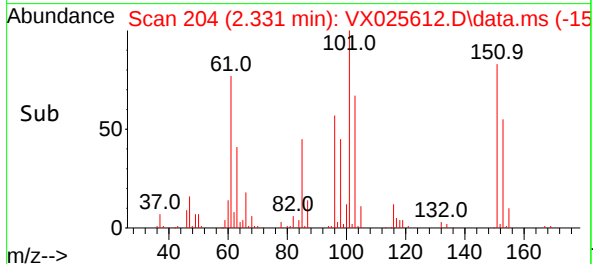
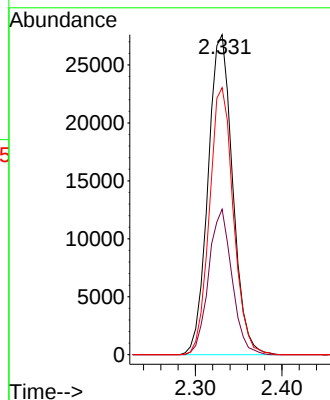
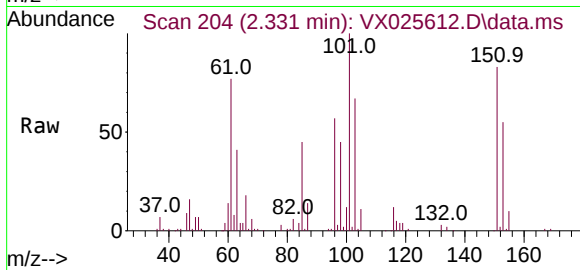
Tgt Ion:101 Resp: 54551

Ion Ratio Lower Upper

101 100

85 43.0 34.3 51.5

151 81.1 65.2 97.8



#12

1,1-Dichloroethene

Concen: 57.686 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX025612.D

Acq: 08 Dec 2021 11:34

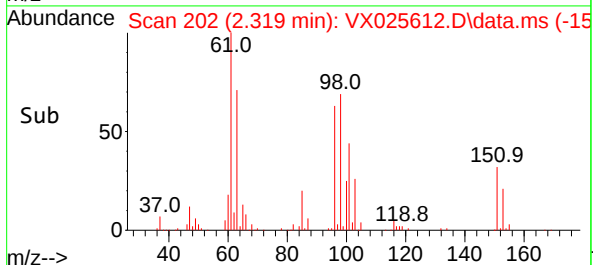
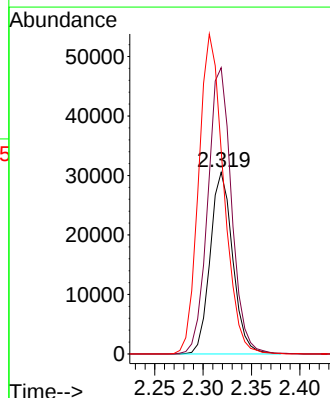
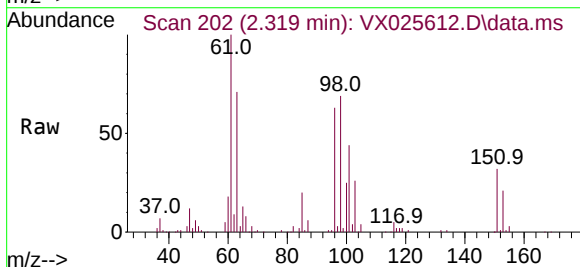
Tgt Ion: 96 Resp: 49520

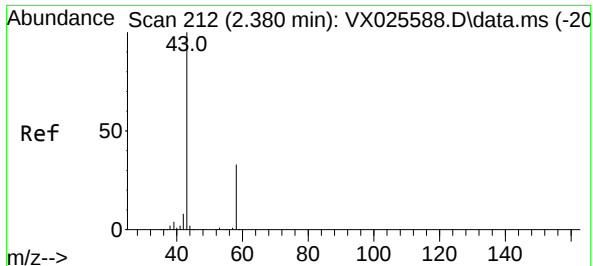
Ion Ratio Lower Upper

96 100

61 157.6 108.7 201.9

63 112.1 76.3 141.7





#13

Acetone

Concen: 114.199 ug/L

RT: 2.380 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX025612.D

Acq: 08 Dec 2021 11:34

Instrument :

MSVOA_X

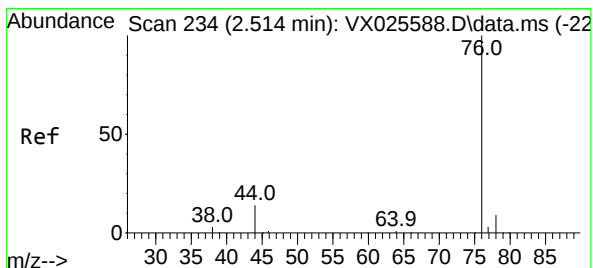
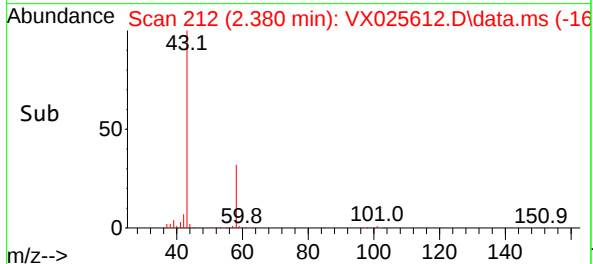
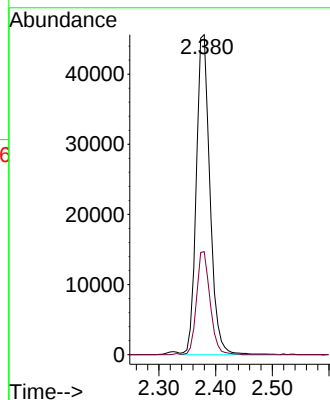
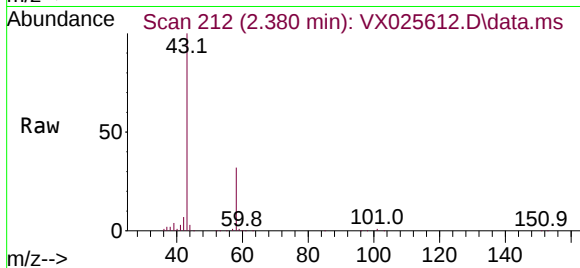
ClientSampleId :

Tgt Ion: 43 Resp: 76260

Ion Ratio Lower Upper

43 100

58 31.9 0.0 65.6



#14

Carbon disulfide

Concen: 57.277 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX025612.D

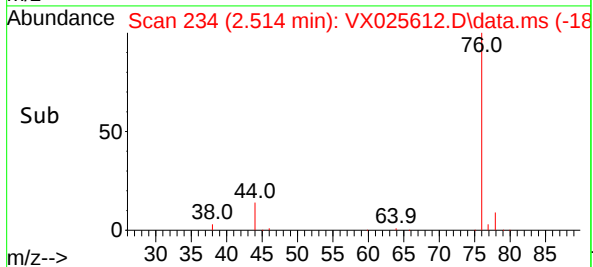
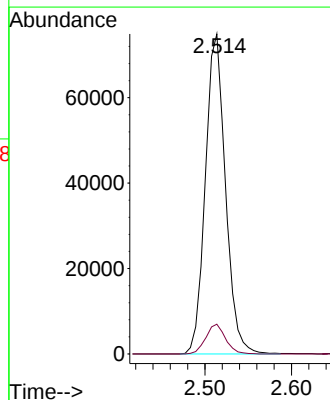
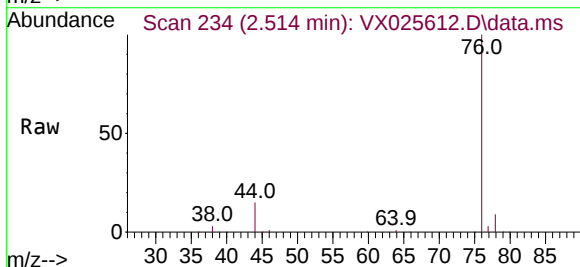
Acq: 08 Dec 2021 11:34

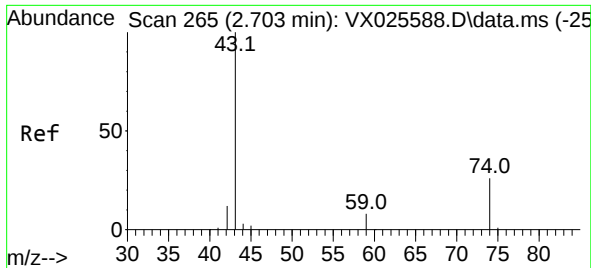
Tgt Ion: 76 Resp: 120899

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

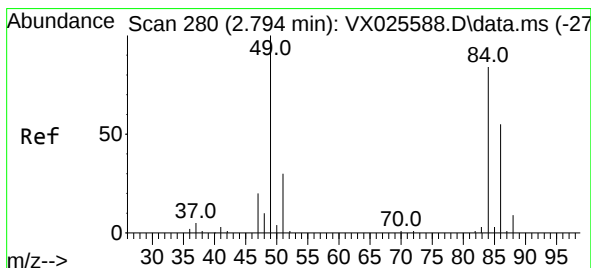
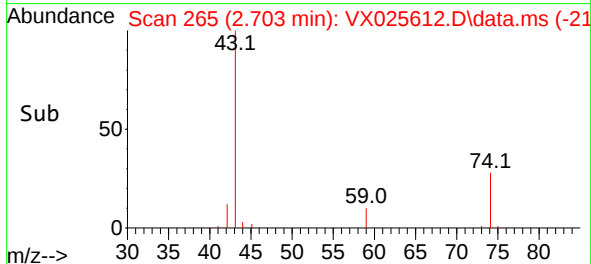
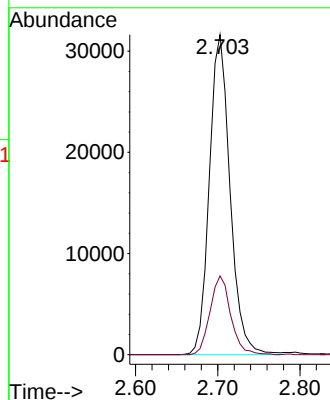
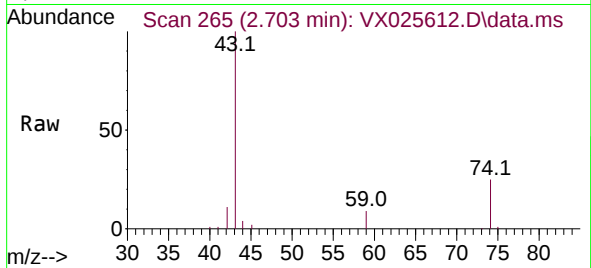




#15
Methyl Acetate
Concen: 51.255 ug/L
RT: 2.703 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX025612.D
Acq: 08 Dec 2021 11:34

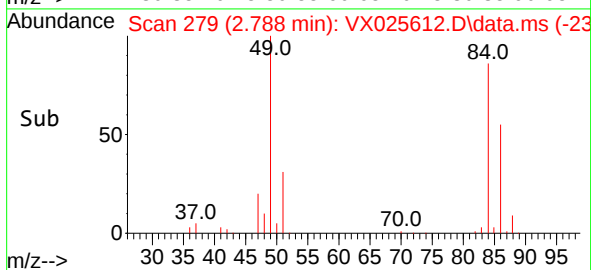
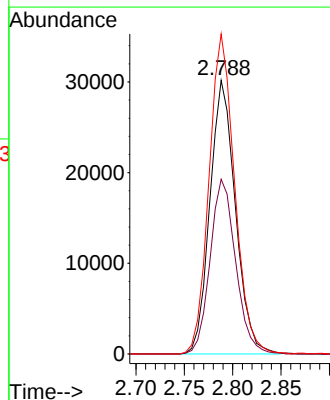
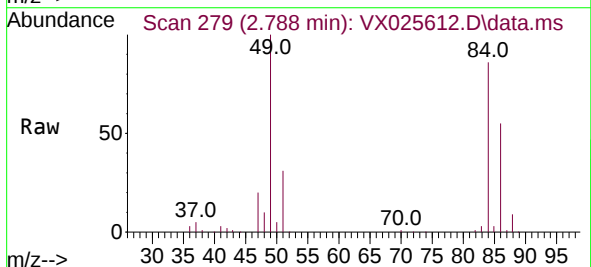
Instrument :
MSVOA_X
ClientSampleId :

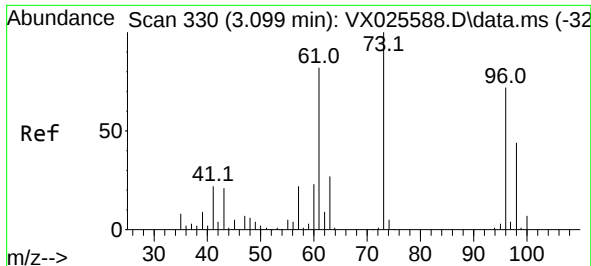
Tgt Ion: 43 Resp: 55316
Ion Ratio Lower Upper
43 100
74 24.5 0.1 0.1#



#16
Methylene chloride
Concen: 55.747 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX025612.D
Acq: 08 Dec 2021 11:34

Tgt Ion: 84 Resp: 55349
Ion Ratio Lower Upper
84 100
86 63.9 45.1 83.9
49 116.9 82.3 152.8

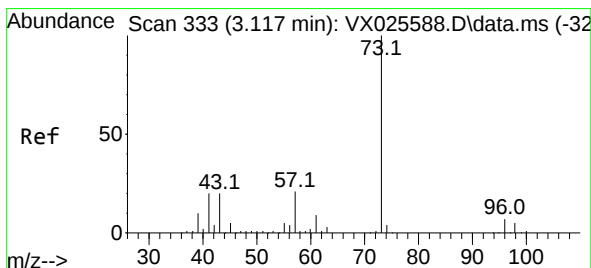
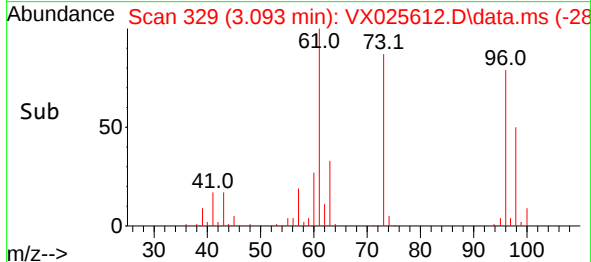
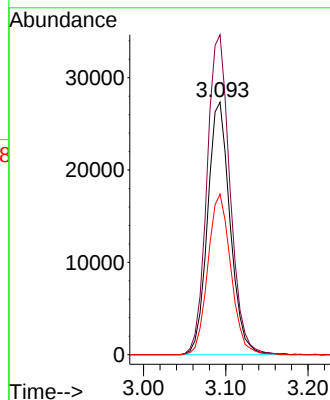
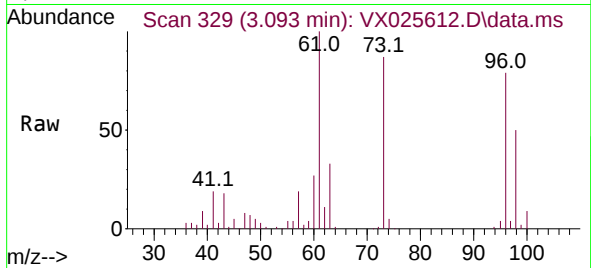




#17
trans-1,2-Dichloroethene
Concen: 56.404 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX025612.D
Acq: 08 Dec 2021 11:34

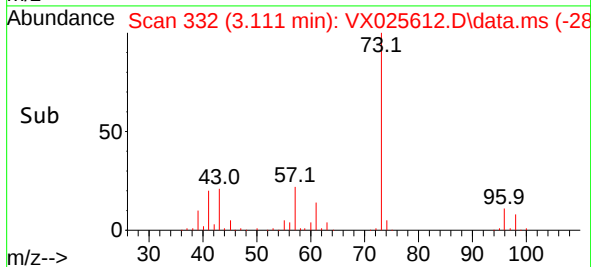
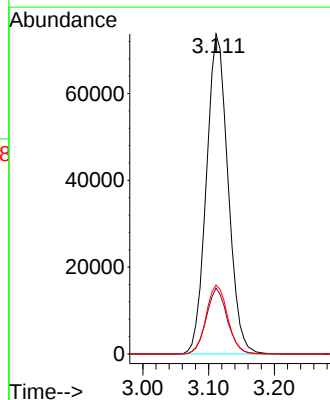
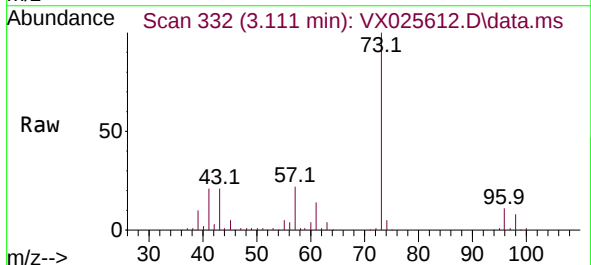
Instrument :
MSVOA_X
ClientSampleId :

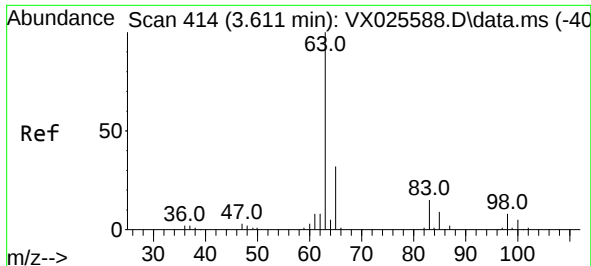
Tgt Ion: 96 Resp: 52128
Ion Ratio Lower Upper
96 100
61 126.8 88.5 164.4
98 63.6 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 53.725 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX025612.D
Acq: 08 Dec 2021 11:34

Tgt Ion: 73 Resp: 168758
Ion Ratio Lower Upper
73 100
43 20.0 15.7 23.5
57 21.4 17.3 25.9





#19

1,1-Dichloroethane

Concen: 55.543 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX025612.D

Acq: 08 Dec 2021 11:34

Instrument :

MSVOA_X

ClientSampleId :

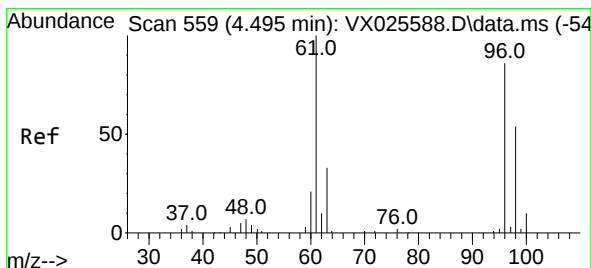
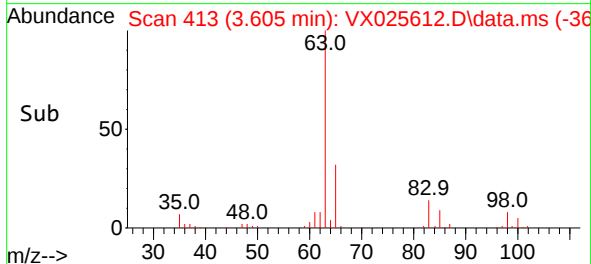
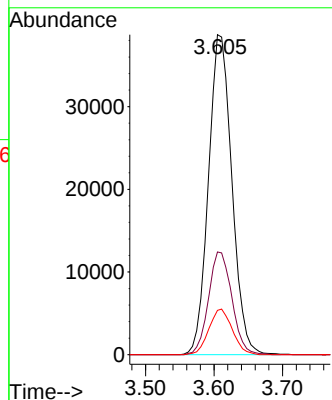
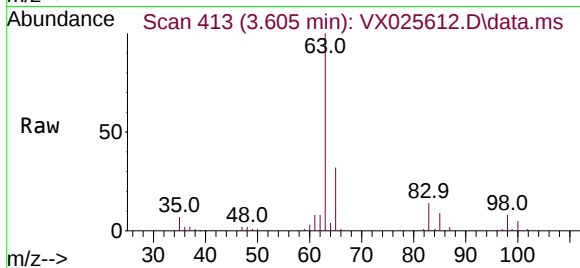
Tgt Ion: 63 Resp: 91930

Ion Ratio Lower Upper

63 100

65 32.1 22.2 41.2

83 13.8 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 54.998 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX025612.D

Acq: 08 Dec 2021 11:34

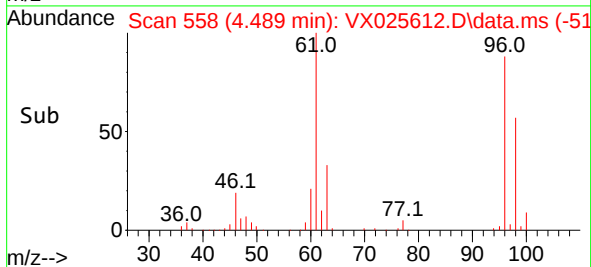
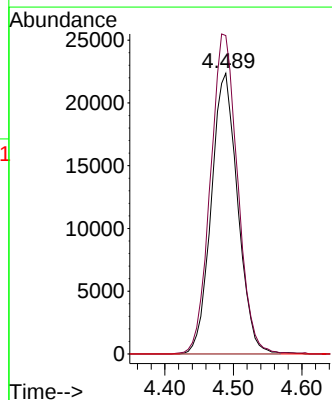
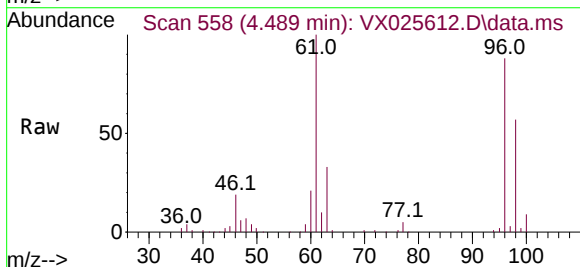
Tgt Ion: 96 Resp: 59898

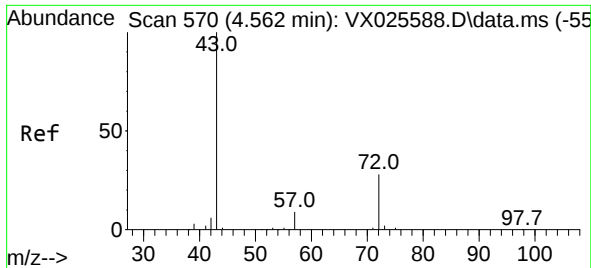
Ion Ratio Lower Upper

96 100

61 113.5 82.3 152.8

68 0.0 0.0 0.0

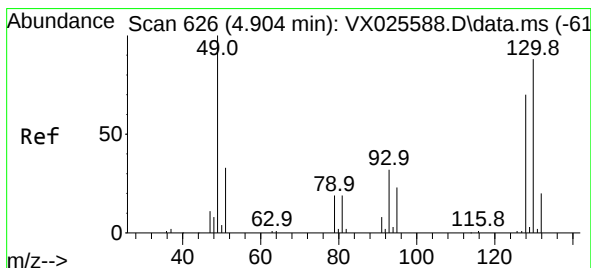
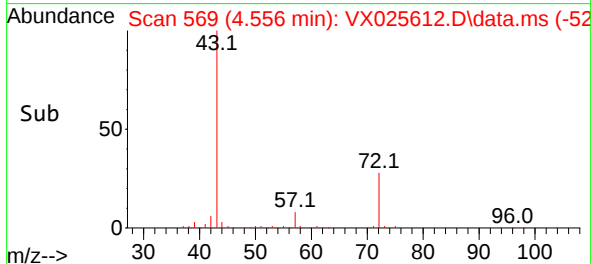
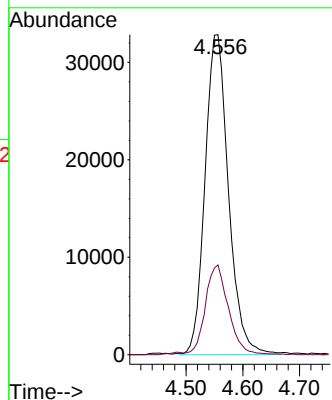
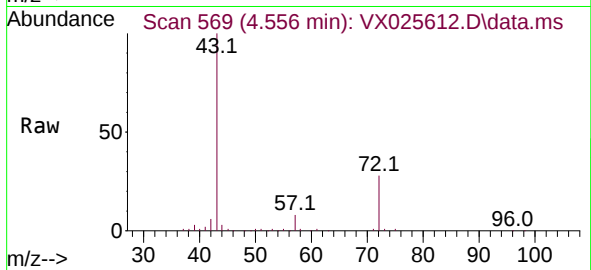




#22
2-Butanone
Concen: 106.788 ug/L
RT: 4.556 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX025612.D
Acq: 08 Dec 2021 11:34

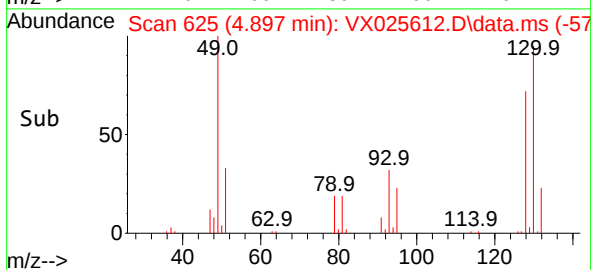
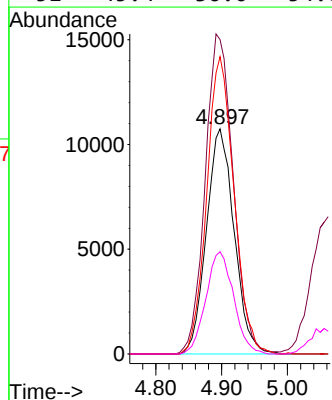
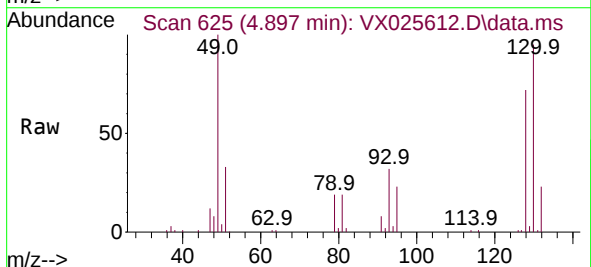
Instrument :
MSVOA_X
ClientSampleId :

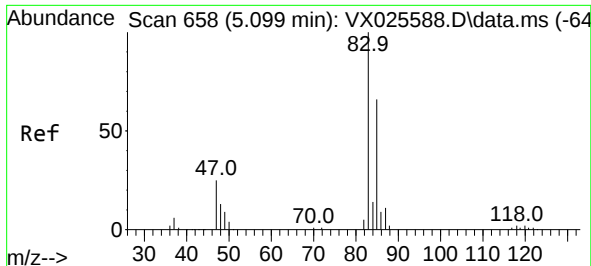
Tgt Ion: 43 Resp: 94309
Ion Ratio Lower Upper
43 100
72 27.5 13.8 41.3



#23
Bromochloromethane
Concen: 54.834 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX025612.D
Acq: 08 Dec 2021 11:34

Tgt Ion:128 Resp: 31550
Ion Ratio Lower Upper
128 100
49 139.7 97.7 181.5
130 132.1 88.2 163.8
51 45.4 36.0 54.0





#25

Chloroform

Concen: 55.049 ug/L

RT: 5.086 min Scan# 61

Delta R.T. -0.012 min

Lab File: VX025612.D

Acq: 08 Dec 2021 11:34

Instrument :

MSVOA_X

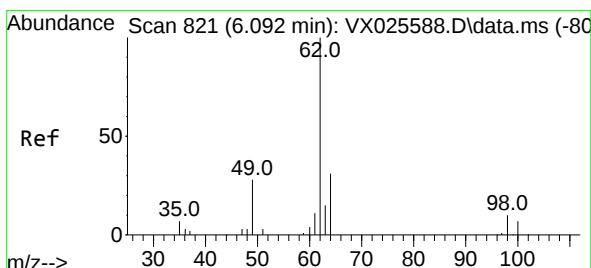
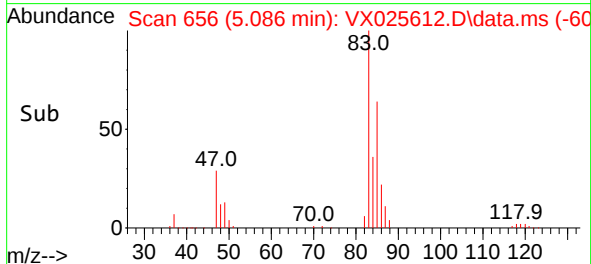
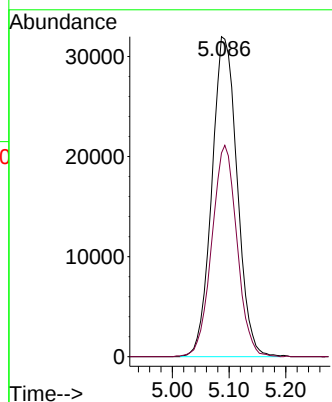
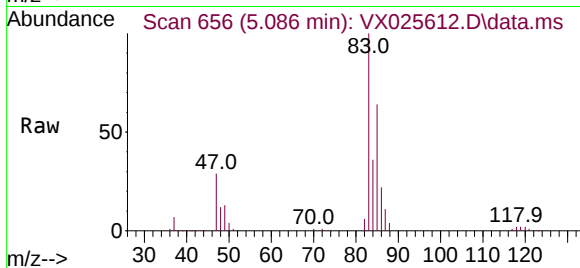
ClientSampleId :

Tgt Ion: 83 Resp: 99154

Ion Ratio Lower Upper

83 100

85 63.7 44.9 83.5



#27

1,2-Dichloroethane

Concen: 56.634 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.006 min

Lab File: VX025612.D

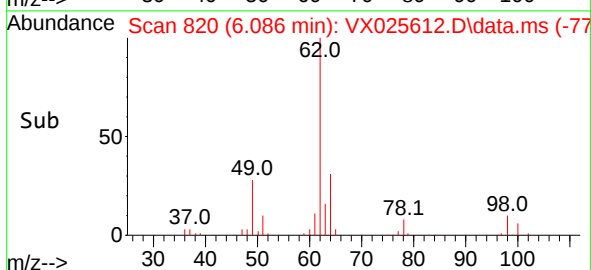
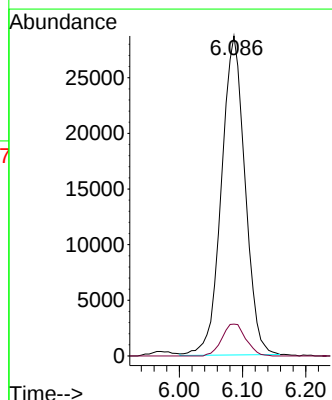
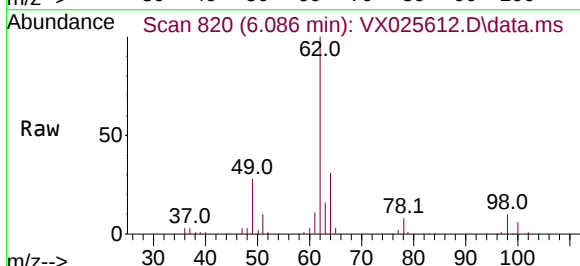
Acq: 08 Dec 2021 11:34

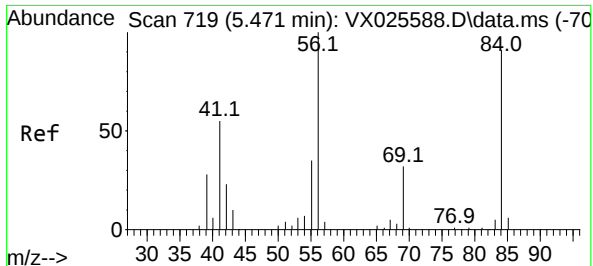
Tgt Ion: 62 Resp: 74193

Ion Ratio Lower Upper

62 100

98 10.0 8.2 12.2





#29

Cyclohexane

Concen: 55.954 ug/L

RT: 5.471 min Scan# 719

Delta R.T. -0.000 min

Lab File: VX025612.D

Acq: 08 Dec 2021 11:34

Instrument :

MSVOA_X

ClientSampleId :

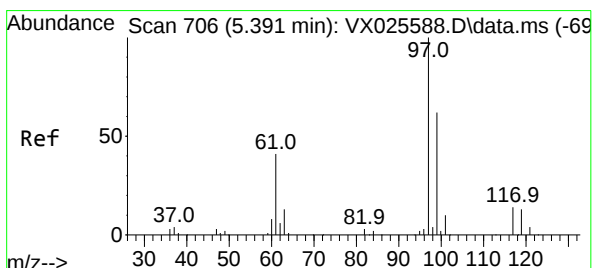
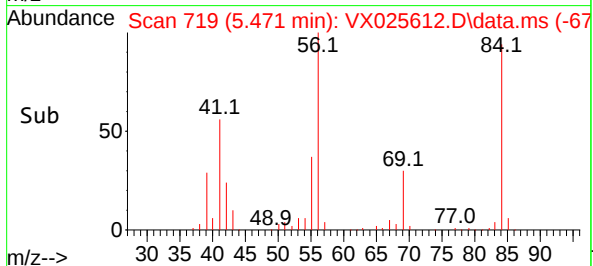
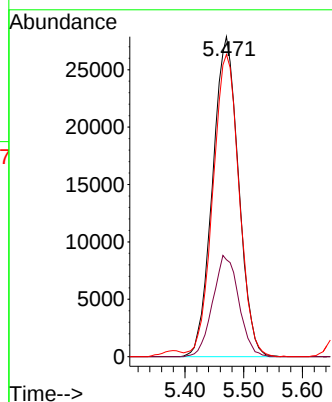
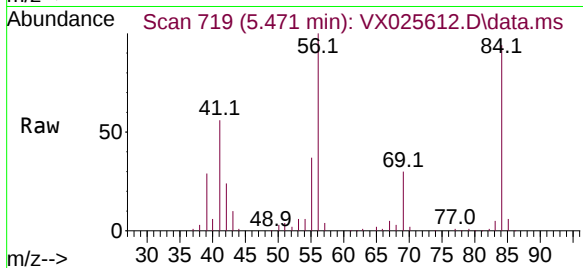
Tgt Ion: 56 Resp: 85715

Ion Ratio Lower Upper

56 100

69 31.6 25.4 38.2

84 95.5 76.6 114.8



#30

1,1,1-Trichloroethane

Concen: 53.655 ug/L

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX025612.D

Acq: 08 Dec 2021 11:34

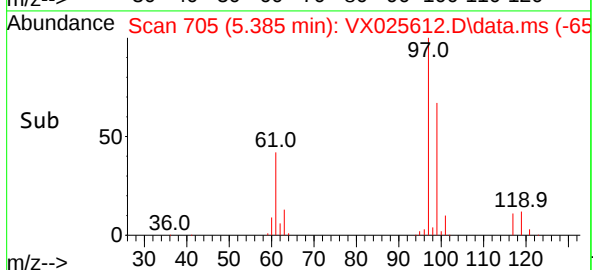
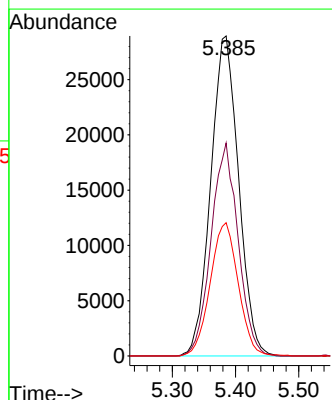
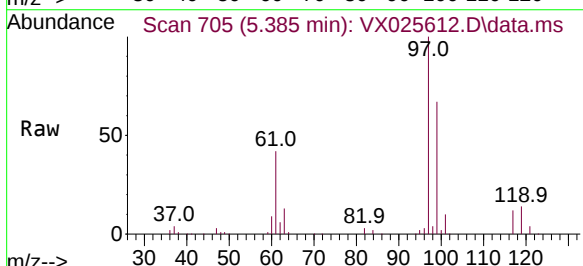
Tgt Ion: 97 Resp: 88564

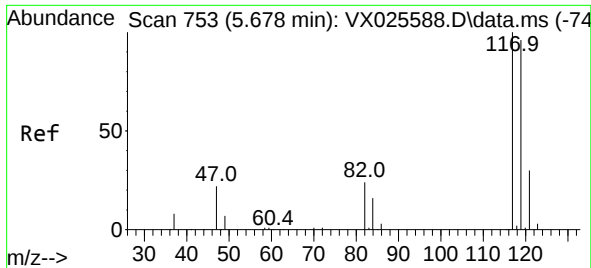
Ion Ratio Lower Upper

97 100

99 64.5 51.5 77.3

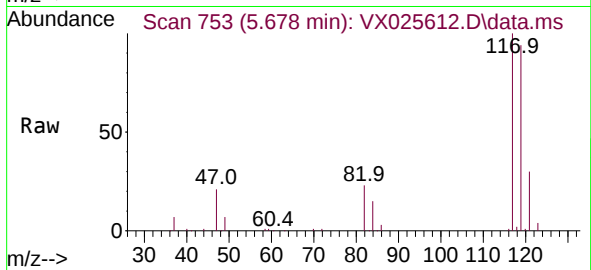
61 41.8 33.1 49.7



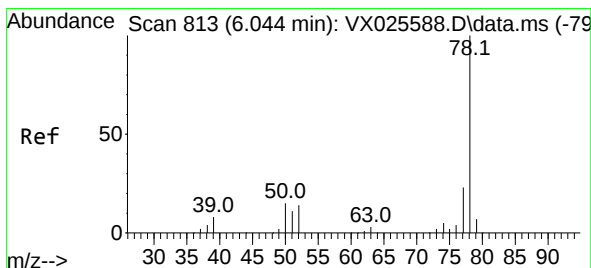
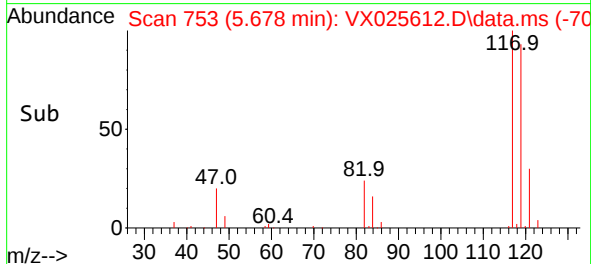
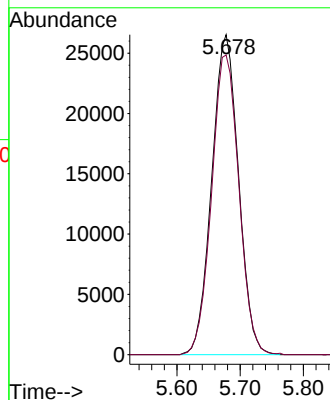


#31
Carbon tetrachloride
Concen: 52.943 ug/L
RT: 5.678 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025612.D
Acq: 08 Dec 2021 11:34

Instrument :
MSVOA_X
ClientSampleId :

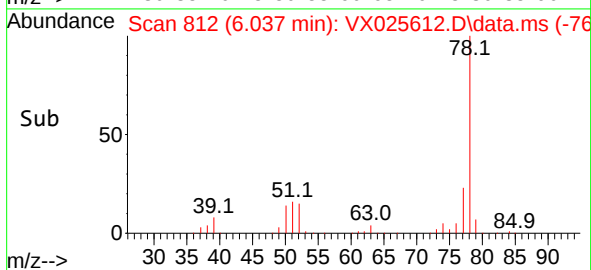
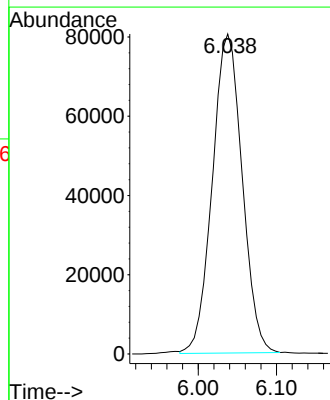
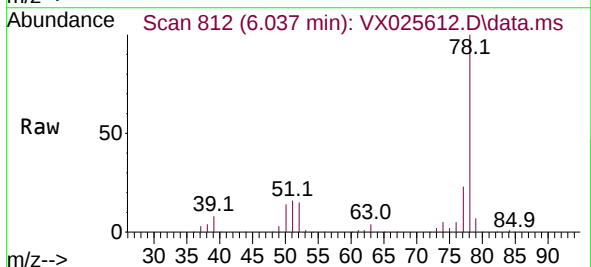


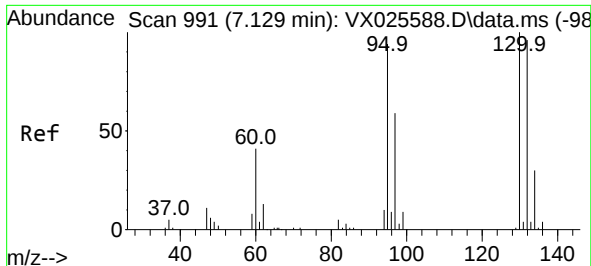
Tgt Ion:117 Resp: 78038
Ion Ratio Lower Upper
117 100
119 95.4 76.8 115.2



#33
Benzene
Concen: 53.272 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX025612.D
Acq: 08 Dec 2021 11:34

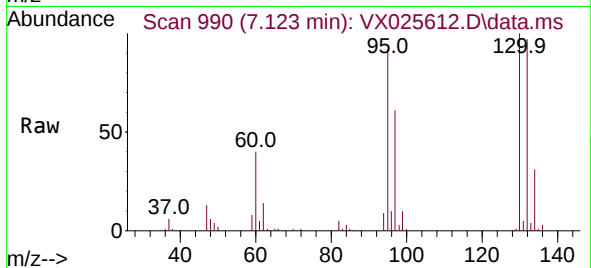
Tgt Ion: 78 Resp: 212798



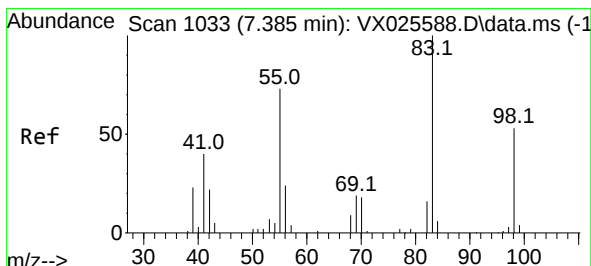
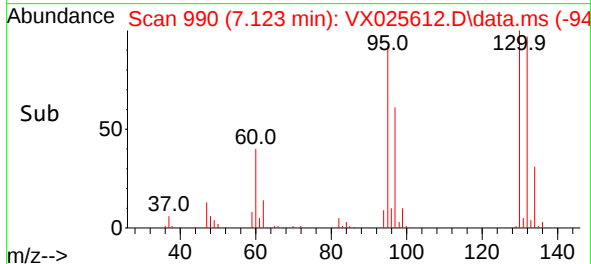
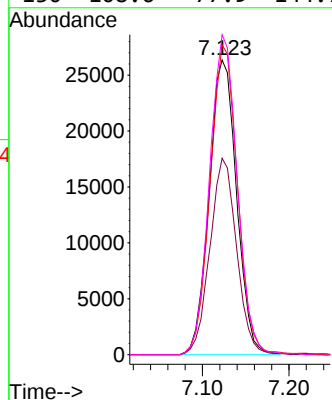


#34
Trichloroethene
Concen: 55.247 ug/L
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX025612.D
Acq: 08 Dec 2021 11:34

Instrument :
MSVOA_X
ClientSampleId :

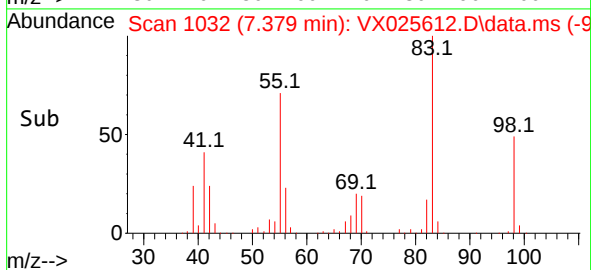
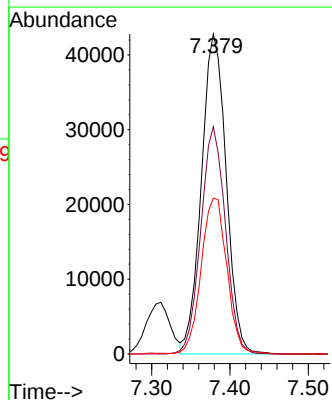
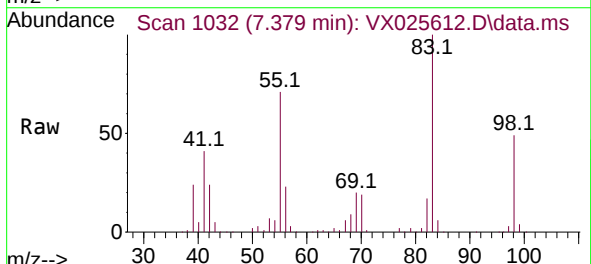


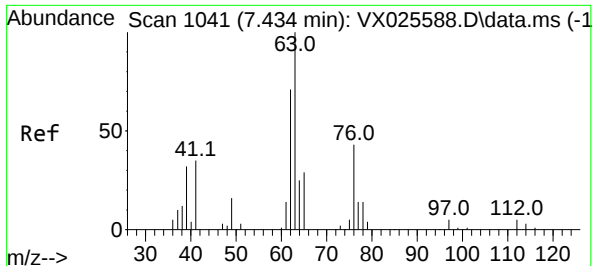
Tgt Ion: 95 Resp: 58045
Ion Ratio Lower Upper
95 100
97 66.6 46.0 85.4
132 105.1 75.0 139.2
130 108.6 77.9 144.7



#35
Methylcyclohexane
Concen: 56.995 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX025612.D
Acq: 08 Dec 2021 11:34

Tgt Ion: 83 Resp: 94250
Ion Ratio Lower Upper
83 100
55 70.4 57.3 85.9
98 50.4 41.1 61.7





#37

1,2-Dichloropropane

Concen: 53.959 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VX025612.D

Acq: 08 Dec 2021 11:34

Instrument :

MSVOA_X

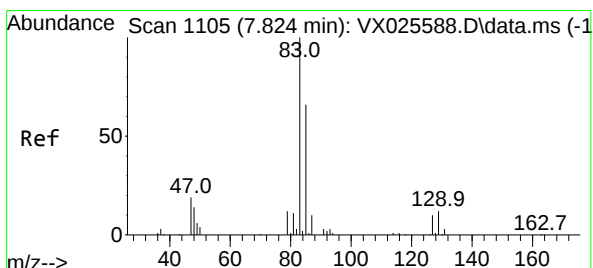
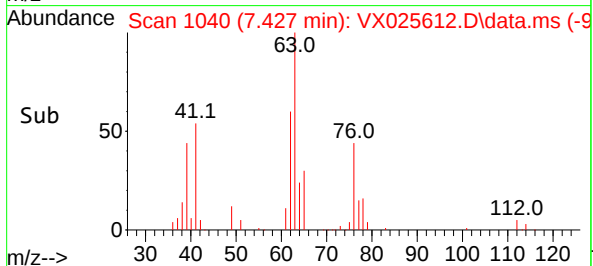
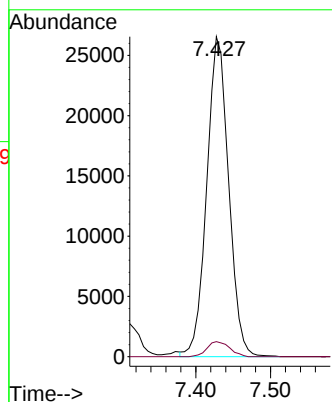
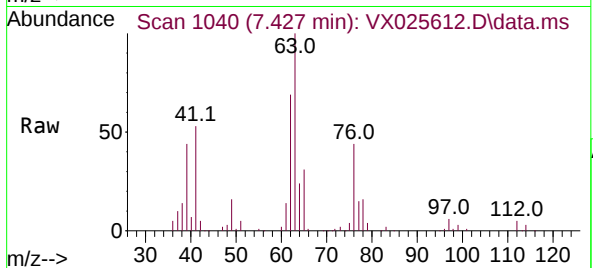
ClientSampleId :

Tgt Ion: 63 Resp: 54063

Ion Ratio Lower Upper

63 100

112 4.9 4.0 6.0



#38

Bromodichloromethane

Concen: 50.792 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX025612.D

Acq: 08 Dec 2021 11:34

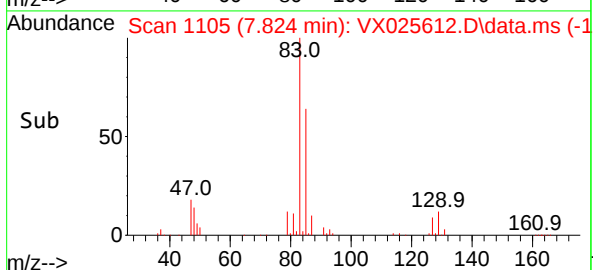
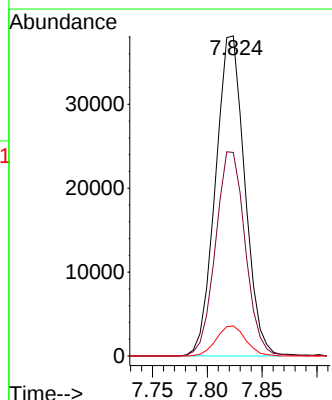
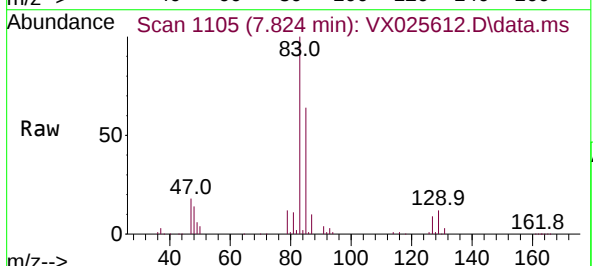
Tgt Ion: 83 Resp: 70870

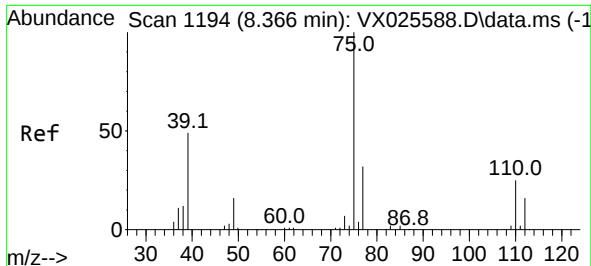
Ion Ratio Lower Upper

83 100

85 63.6 45.3 84.1

127 9.4 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 52.054 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX025612.D

Acq: 08 Dec 2021 11:34

Instrument :

MSVOA_X

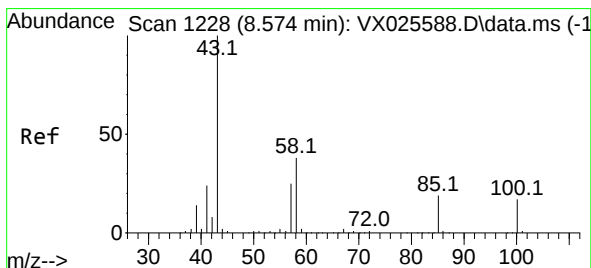
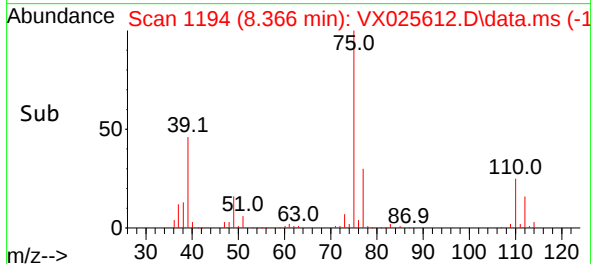
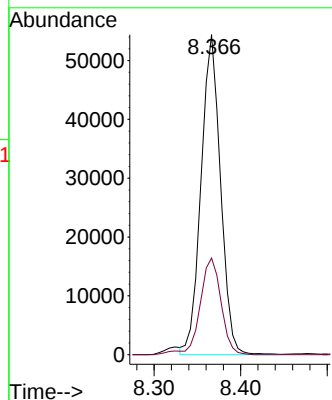
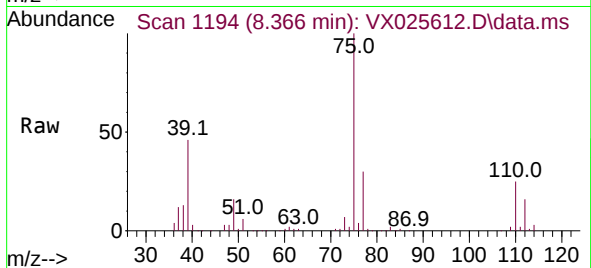
ClientSampleId :

Tgt Ion: 75 Resp: 84946

Ion Ratio Lower Upper

75 100

77 30.2 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 101.148 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX025612.D

Acq: 08 Dec 2021 11:34

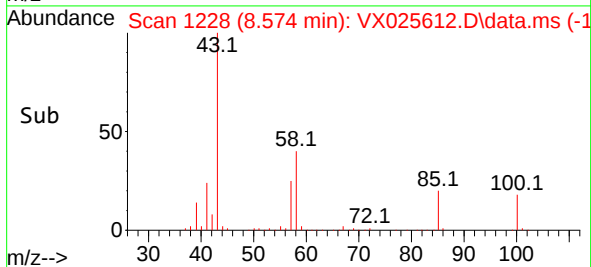
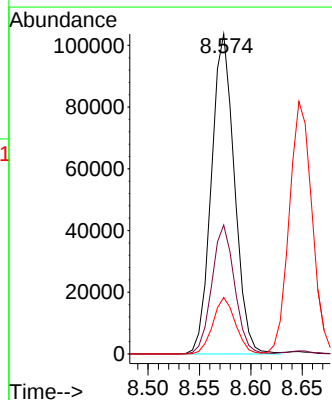
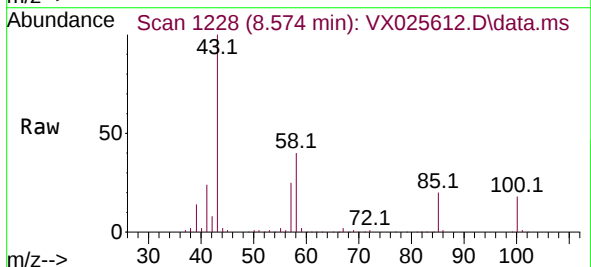
Tgt Ion: 43 Resp: 161827

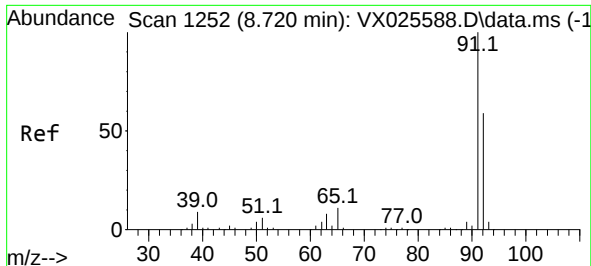
Ion Ratio Lower Upper

43 100

58 39.8 32.2 48.2

100 17.3 14.2 21.2





#42

Toluene

Concen: 54.264 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX025612.D

Acq: 08 Dec 2021 11:34

Instrument :

MSVOA_X

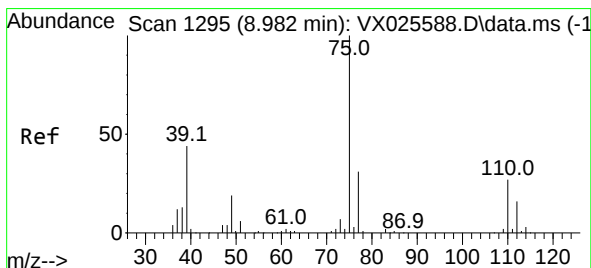
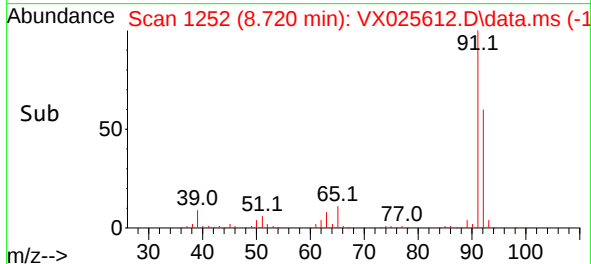
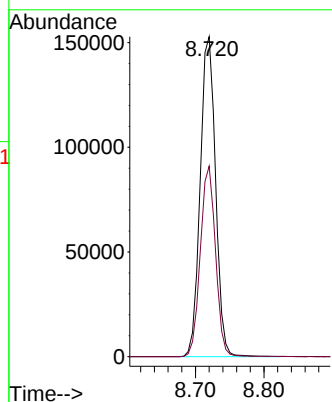
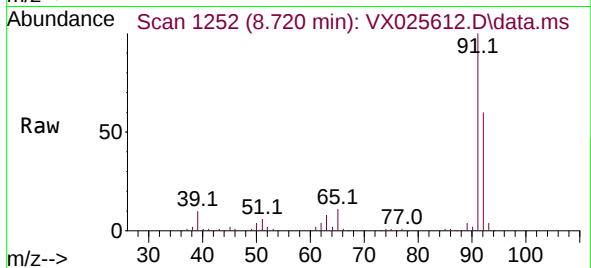
ClientSampleId :

Tgt Ion: 91 Resp: 239051

Ion Ratio Lower Upper

91 100

92 59.6 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 51.911 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VX025612.D

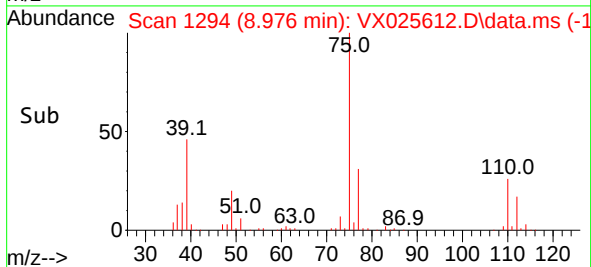
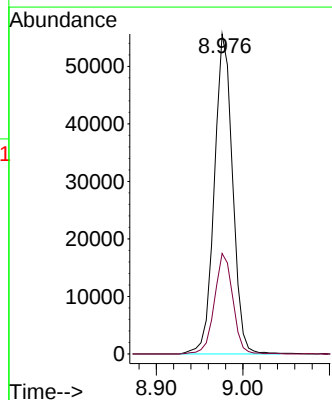
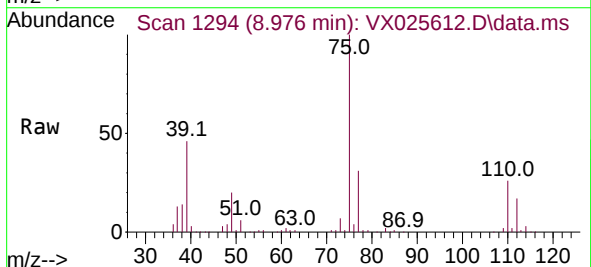
Acq: 08 Dec 2021 11:34

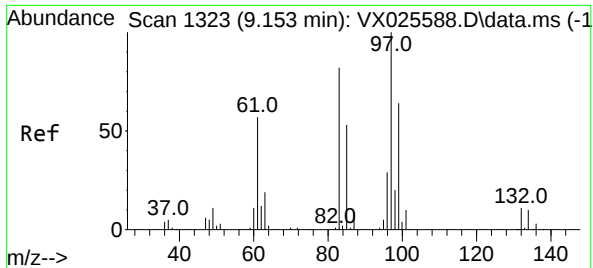
Tgt Ion: 75 Resp: 81420

Ion Ratio Lower Upper

75 100

77 31.4 23.0 42.8

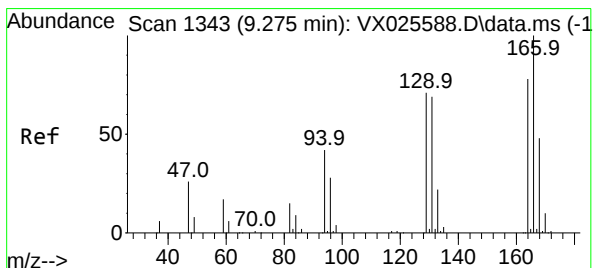
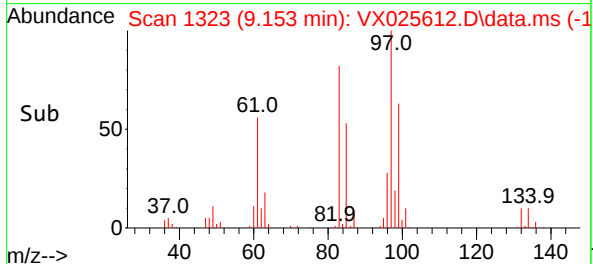
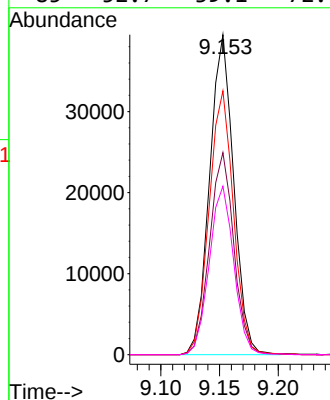
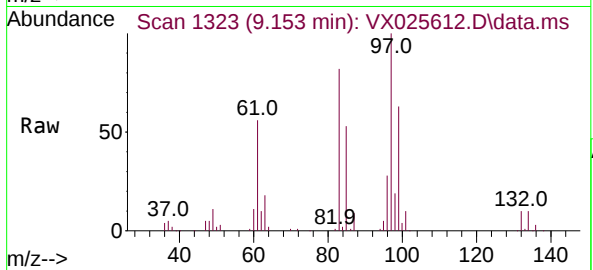




#45
1,1,2-Trichloroethane
Concen: 52.995 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX025612.D
Acq: 08 Dec 2021 11:34

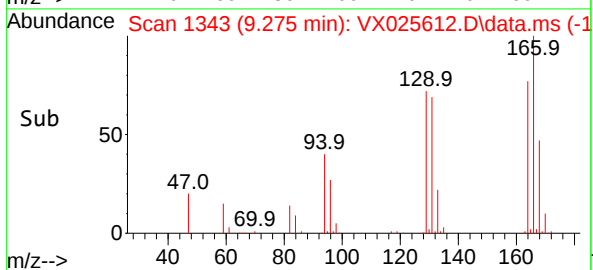
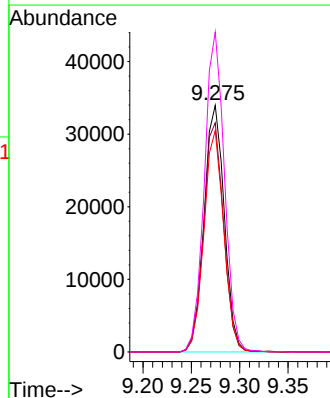
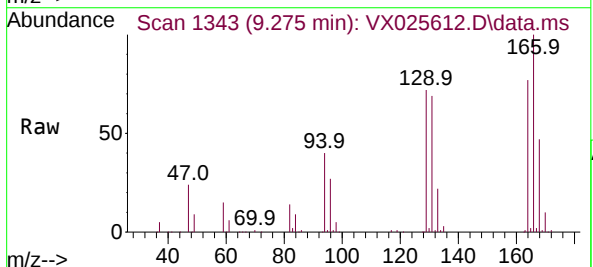
Instrument :
MSVOA_X
ClientSampleId :

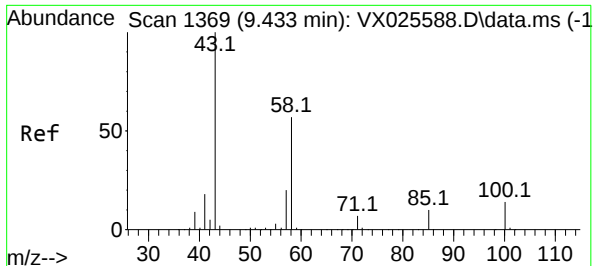
Tgt Ion: 97	Resp: 56347
Ion Ratio	Lower Upper
97 100	
99 63.2	46.0 85.4
83 82.4	59.6 110.8
85 52.7	39.1 72.7



#46
Tetrachloroethene
Concen: 55.541 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025612.D
Acq: 08 Dec 2021 11:34

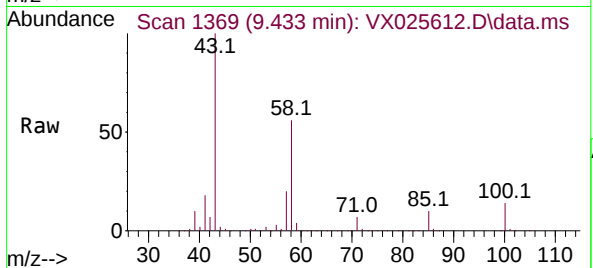
Tgt	Ion:164	Resp:	49489
Ion	Ratio	Lower	Upper
164	100		
129	92.9	64.7	120.1
131	89.7	63.2	117.4
166	129.8	90.1	167.3



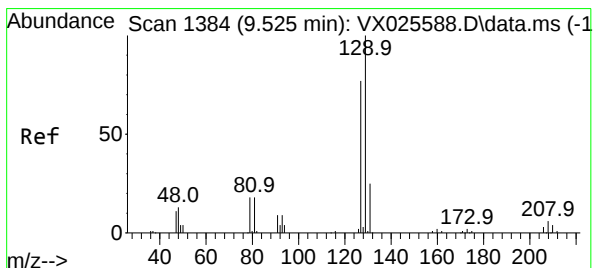
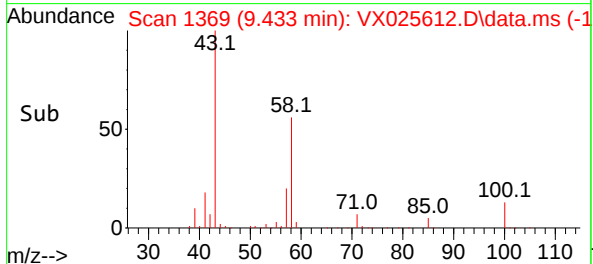
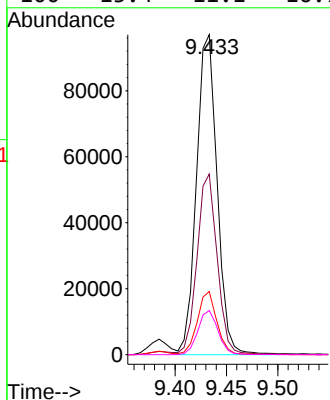


#48
2-Hexanone
Concen: 105.728 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX025612.D
Acq: 08 Dec 2021 11:34

Instrument :
MSVOA_X
ClientSampleId :

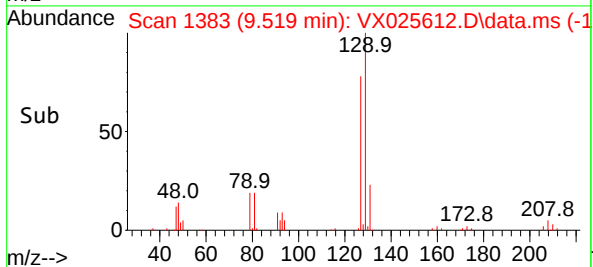
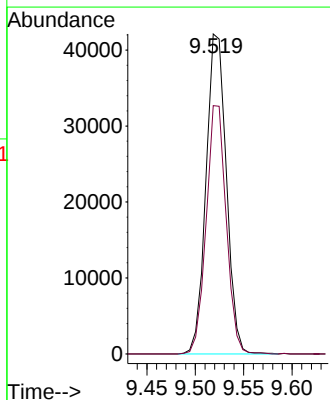
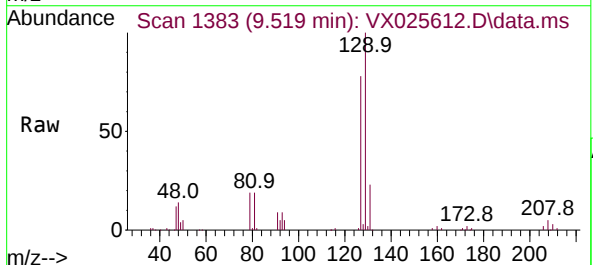


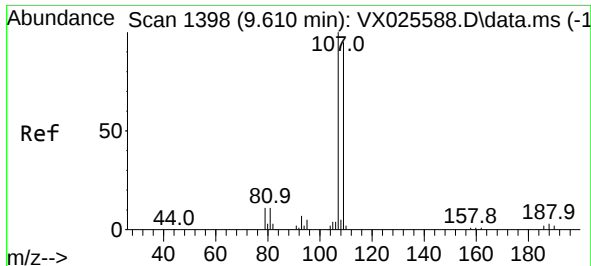
Tgt Ion:	43	58	57	100
Ratio	100	54.4	18.8	13.4
Lower		44.2	15.1	11.1
Upper		66.4	22.7	16.7



#49
Dibromochloromethane
Concen: 50.364 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX025612.D
Acq: 08 Dec 2021 11:34

Tgt Ion:	129	127
Ratio	100	77.6
Lower		52.4
Upper		97.2

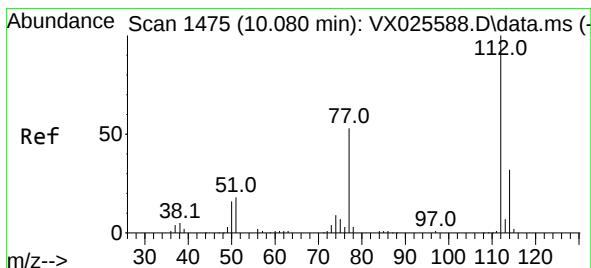
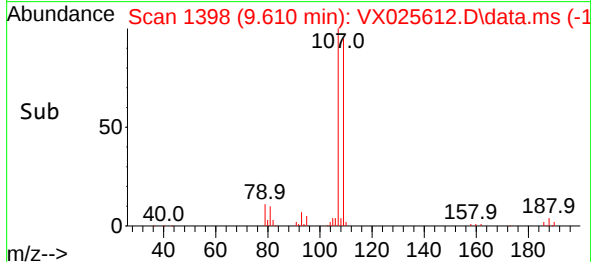
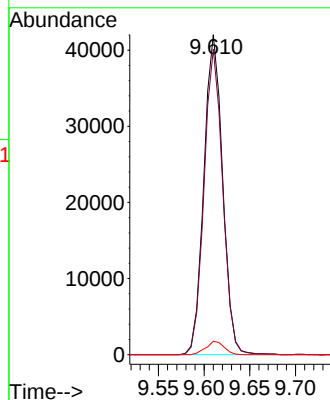
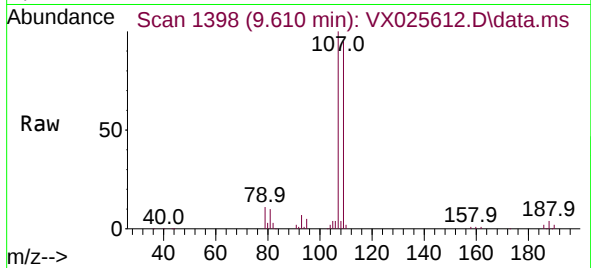




#50
1,2-Dibromoethane
Concen: 52.717 ug/L
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025612.D
Acq: 08 Dec 2021 11:34

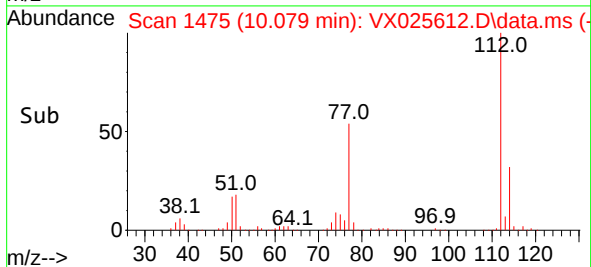
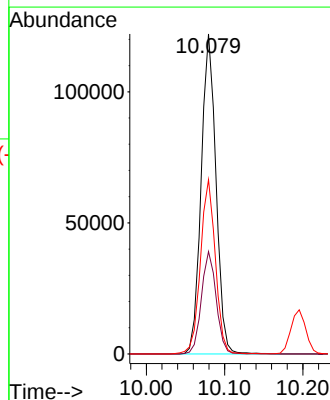
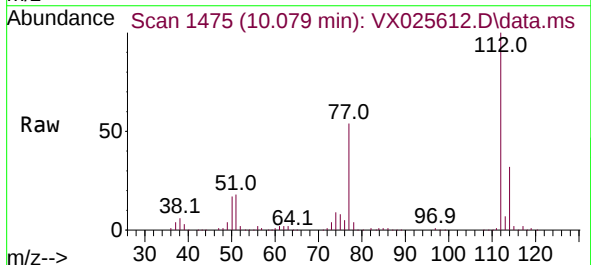
Instrument :
MSVOA_X
ClientSampleId :

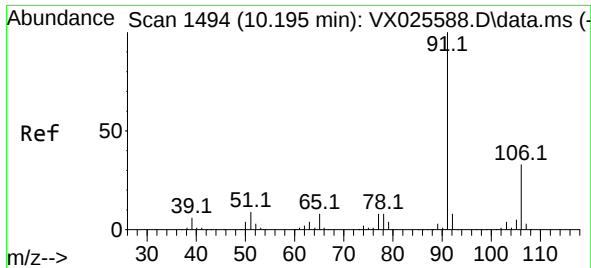
Tgt Ion:107 Resp: 59740
Ion Ratio Lower Upper
107 100
109 95.4 65.3 121.3
188 4.2 2.9 4.3



#51
Chlorobenzene
Concen: 55.148 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX025612.D
Acq: 08 Dec 2021 11:34

Tgt Ion:112 Resp: 160253
Ion Ratio Lower Upper
112 100
114 32.0 22.5 41.9
77 54.4 44.5 66.7

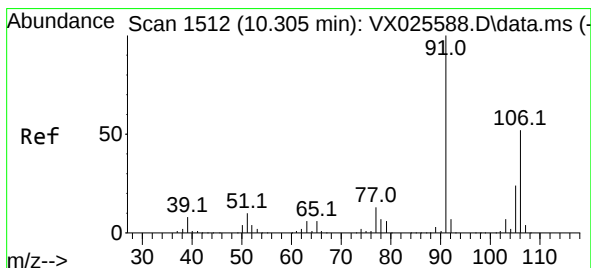
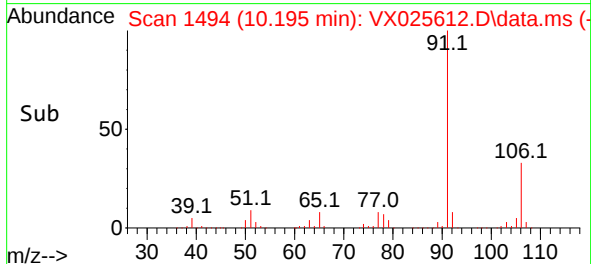
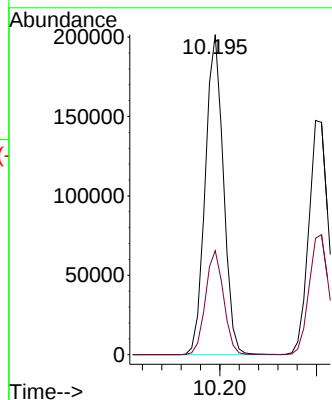
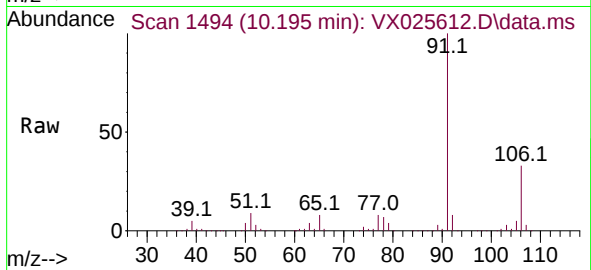




#52
Ethylbenzene
Concen: 55.493 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX025612.D
Acq: 08 Dec 2021 11:34

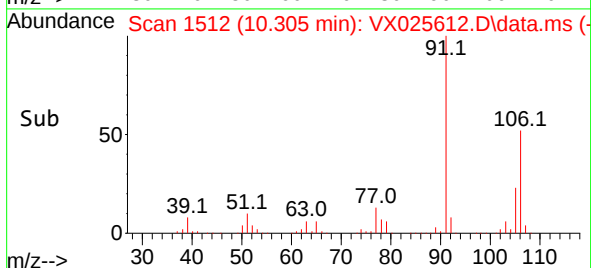
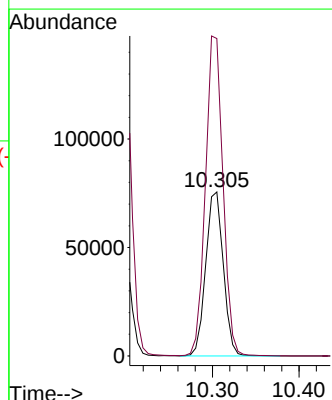
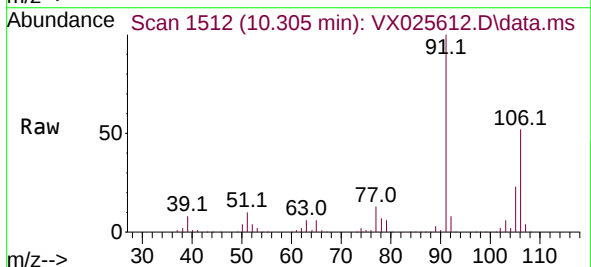
Instrument :
MSVOA_X
ClientSampleId :

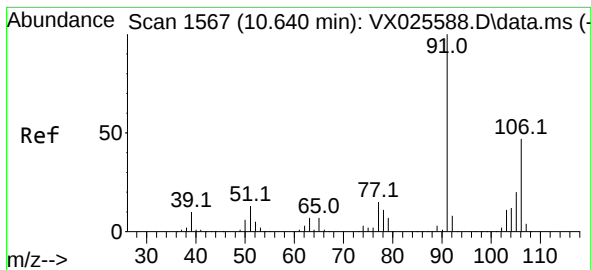
Tgt Ion: 91 Resp: 262734
Ion Ratio Lower Upper
91 100
106 32.5 23.1 42.9



#53
m,p-Xylene
Concen: 55.636 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025612.D
Acq: 08 Dec 2021 11:34

Tgt Ion:106 Resp: 106697
Ion Ratio Lower Upper
106 100
91 193.6 136.8 254.2





#54

o-Xylene

Concen: 54.330 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX025612.D

Acq: 08 Dec 2021 11:34

Instrument :

MSVOA_X

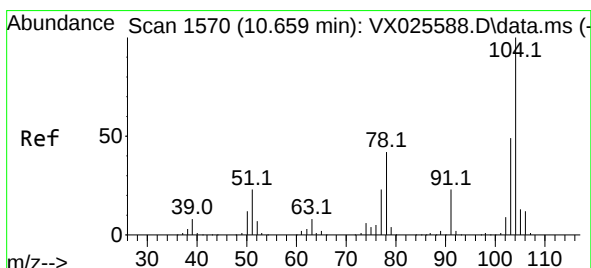
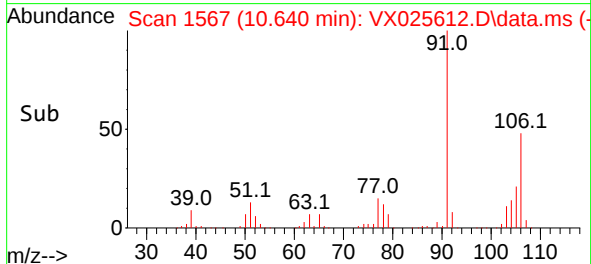
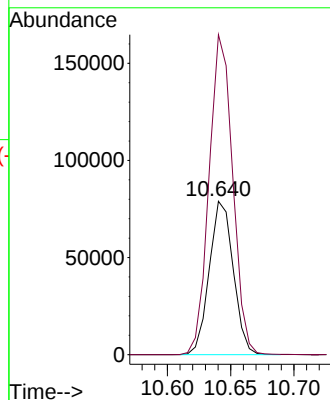
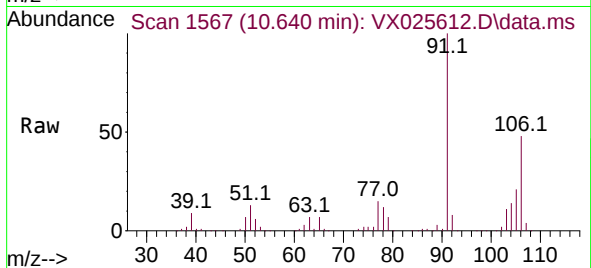
ClientSampleId :

Tgt Ion:106 Resp: 104299

Ion Ratio Lower Upper

106 100

91 208.5 140.5 260.9



#55

Styrene

Concen: 55.493 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX025612.D

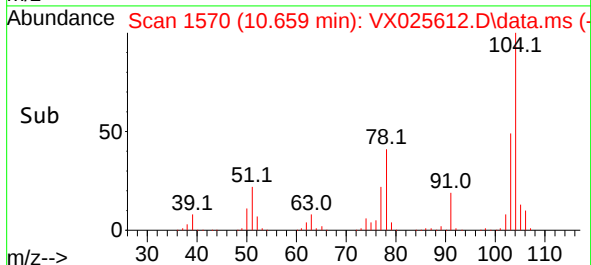
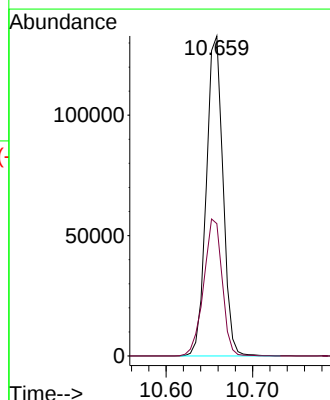
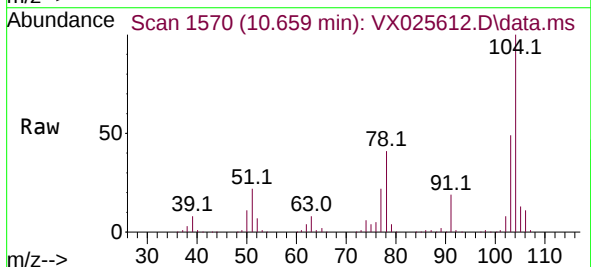
Acq: 08 Dec 2021 11:34

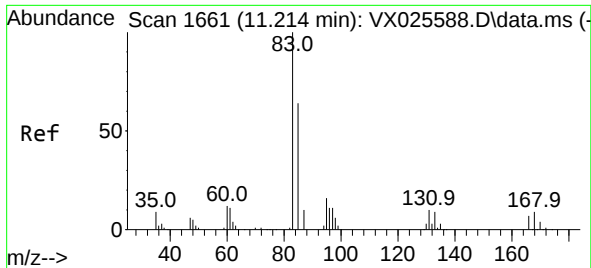
Tgt Ion:104 Resp: 177018

Ion Ratio Lower Upper

104 100

78 41.4 28.6 53.0

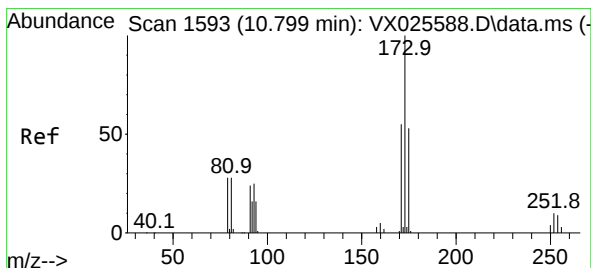
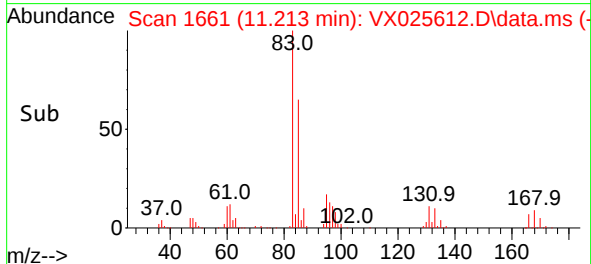
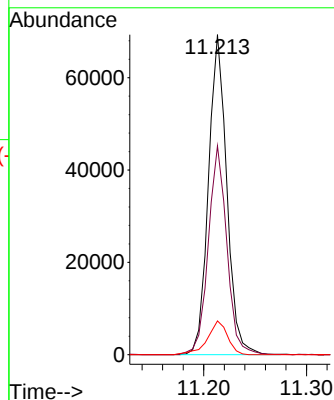
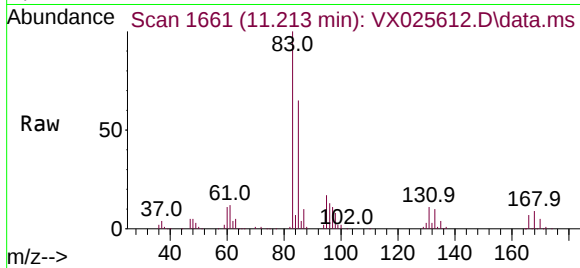




#57
1,1,2,2-Tetrachloroethane
Concen: 52.234 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX025612.D
Acq: 08 Dec 2021 11:34

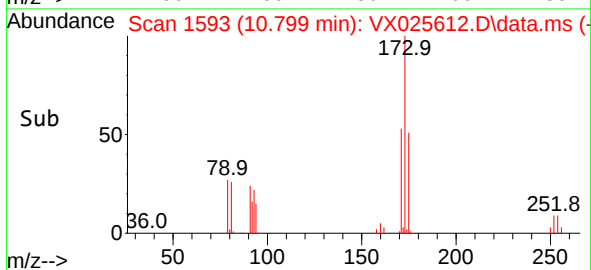
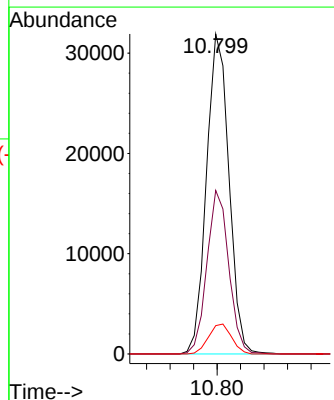
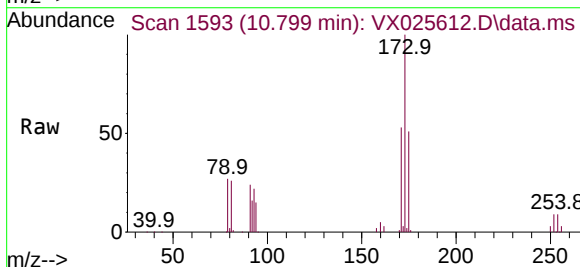
Instrument :
MSVOA_X
ClientSampleId :

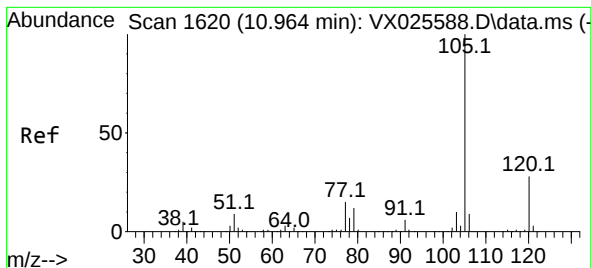
Tgt Ion: 83	Resp:	85760
Ion Ratio	Lower	Upper
83	100	
85	65.3	47.0 87.2
131	10.6	8.5 12.7



#59
Bromoform
Concen: 43.865 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX025612.D
Acq: 08 Dec 2021 11:34

Tgt Ion: 173	Resp:	42291
Ion Ratio	Lower	Upper
173	100	
175	49.7	38.6 58.0
254	9.6	7.7 11.5





#60

Isopropylbenzene

Concen: 54.229 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX025612.D

Acq: 08 Dec 2021 11:34

Instrument :

MSVOA_X

ClientSampleId :

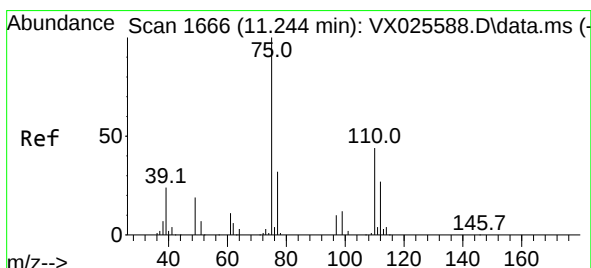
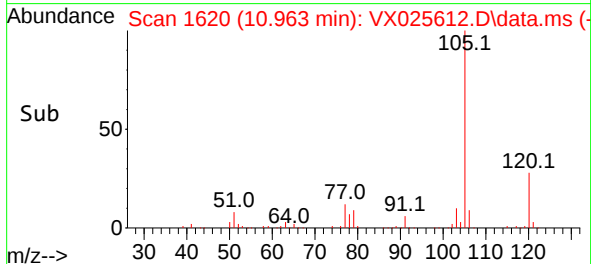
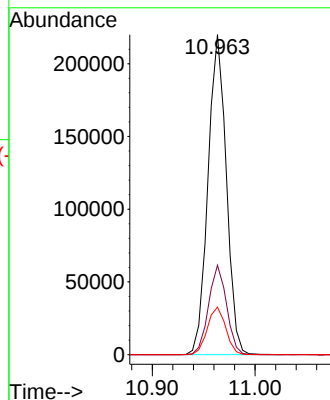
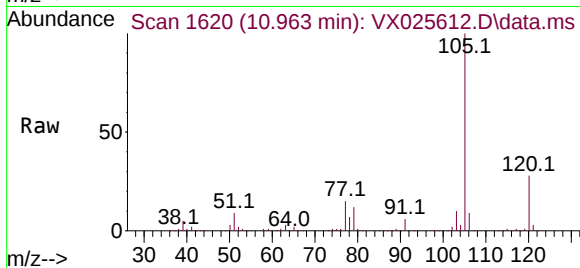
Tgt Ion:105 Resp: 272321

Ion Ratio Lower Upper

105 100

120 27.5 22.3 33.5

77 14.9 11.5 17.3



#61

1,2,3-Trichloropropane

Concen: 51.084 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.006 min

Lab File: VX025612.D

Acq: 08 Dec 2021 11:34

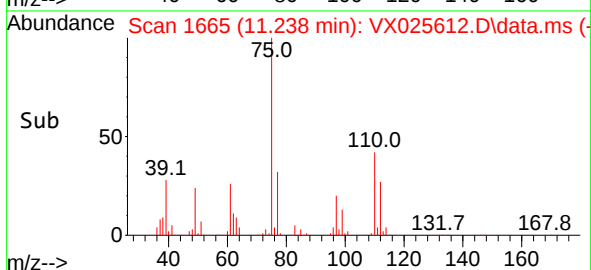
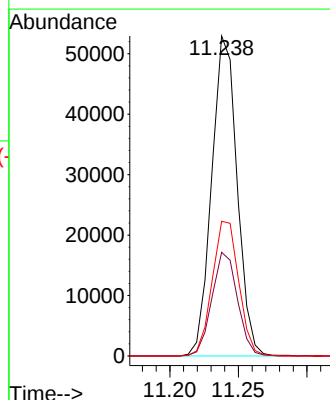
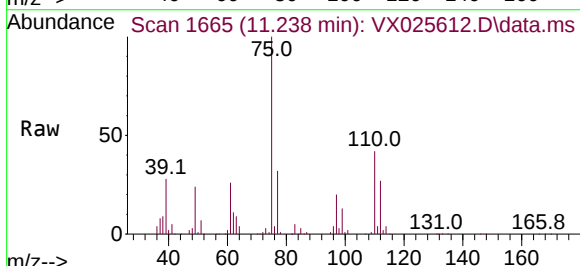
Tgt Ion: 75 Resp: 68282

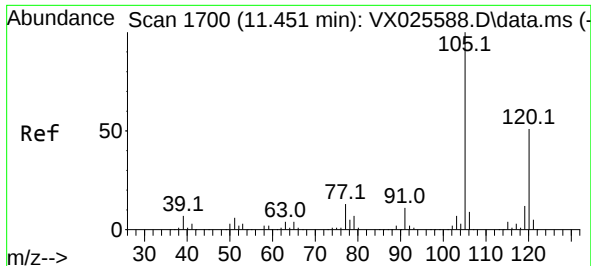
Ion Ratio Lower Upper

75 100

77 32.6 25.8 38.8

110 43.9 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 55.255 ug/L

RT: 11.451 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX025612.D

Acq: 08 Dec 2021 11:34

Instrument :

MSVOA_X

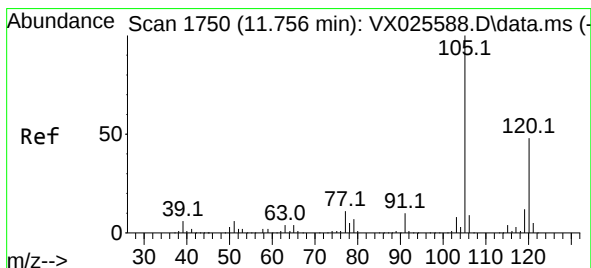
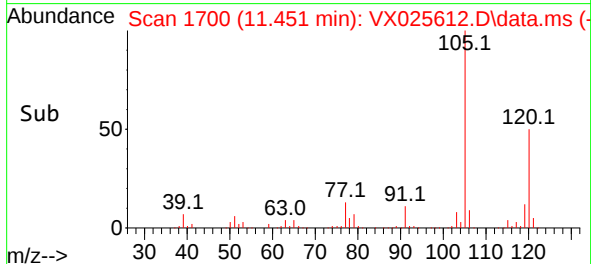
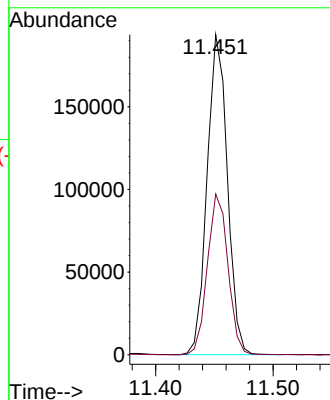
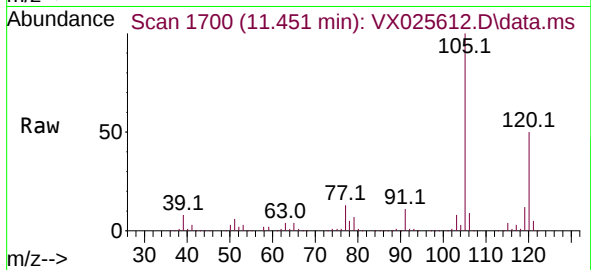
ClientSampleId :

Tgt Ion:105 Resp: 232072

Ion Ratio Lower Upper

105 100

120 50.9 41.0 61.4



#63

1,2,4-Trimethylbenzene

Concen: 54.259 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX025612.D

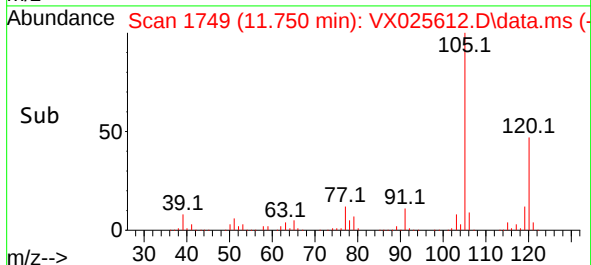
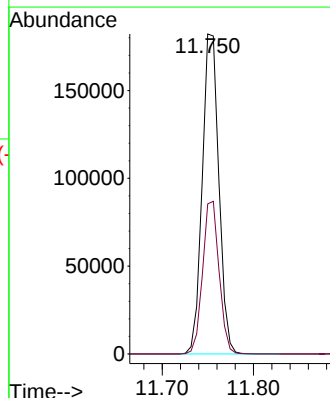
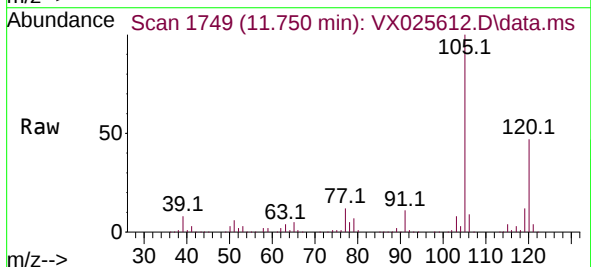
Acq: 08 Dec 2021 11:34

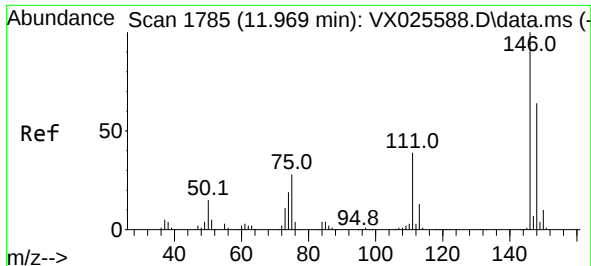
Tgt Ion:105 Resp: 230257

Ion Ratio Lower Upper

105 100

120 47.2 0.1 0.1#

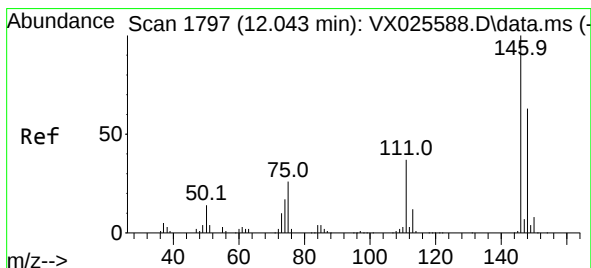
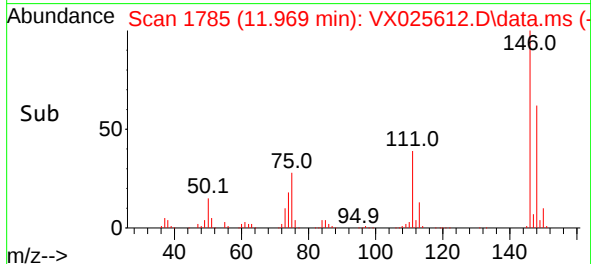
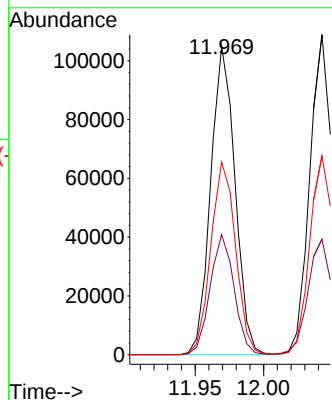
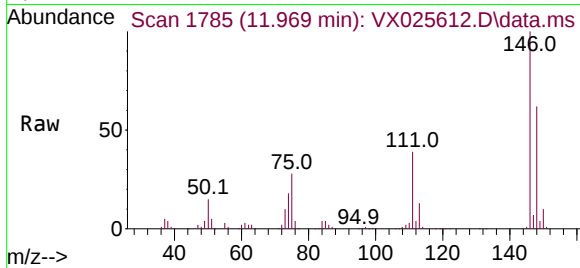




#64
1,3-Dichlorobenzene
Concen: 56.140 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX025612.D
Acq: 08 Dec 2021 11:34

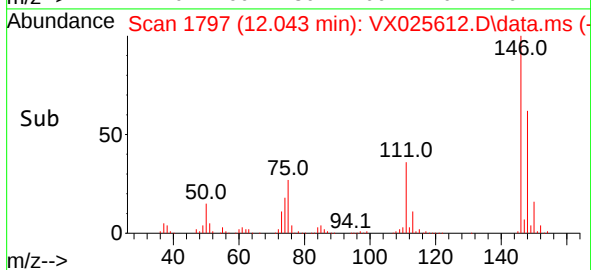
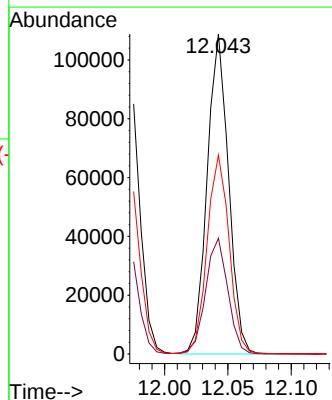
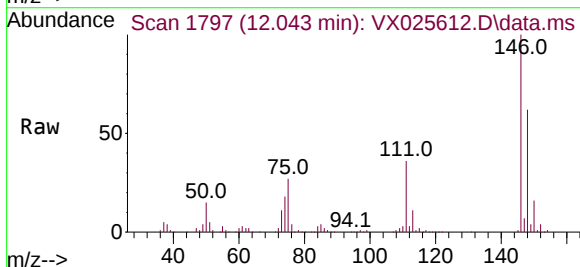
Instrument :
MSVOA_X
ClientSampleId :

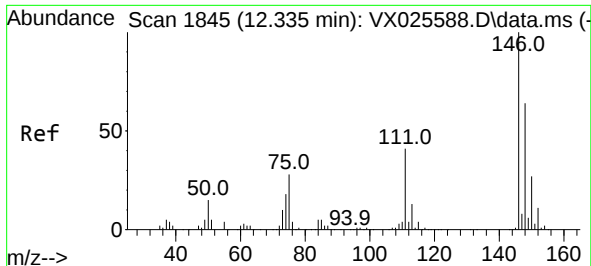
Tgt Ion:146 Resp: 129449
Ion Ratio Lower Upper
146 100
111 38.9 27.6 51.2
148 62.5 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 55.052 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX025612.D
Acq: 08 Dec 2021 11:34

Tgt Ion:146 Resp: 128224
Ion Ratio Lower Upper
146 100
111 36.1 26.5 49.3
148 62.1 45.5 84.5





#67

1,2-Dichlorobenzene

Concen: 54.312 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX025612.D

Acq: 08 Dec 2021 11:34

Instrument :

MSVOA_X

ClientSampleId :

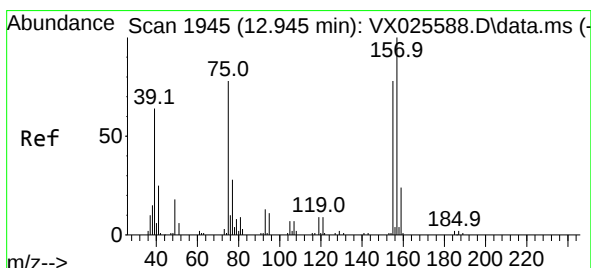
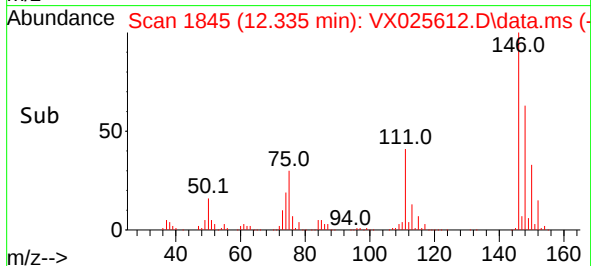
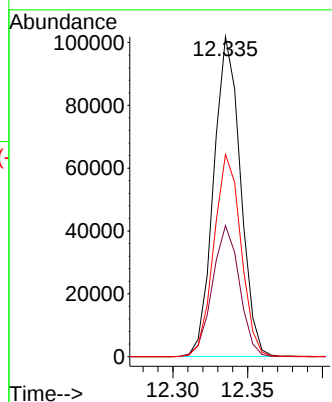
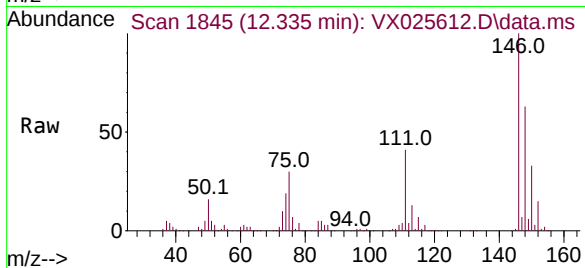
Tgt Ion:146 Resp: 126632

Ion Ratio Lower Upper

146 100

111 41.0 32.3 48.5

148 63.3 50.3 75.5



#68

1,2-Dibromo-3-chloropropane

Concen: 45.076 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX025612.D

Acq: 08 Dec 2021 11:34

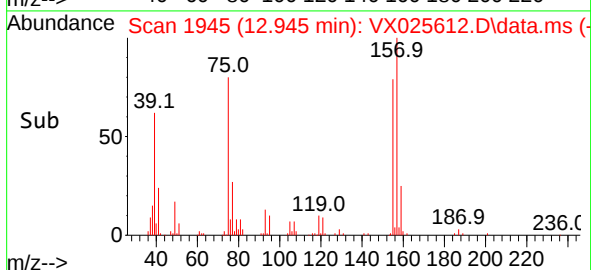
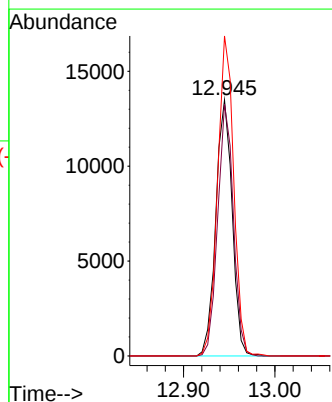
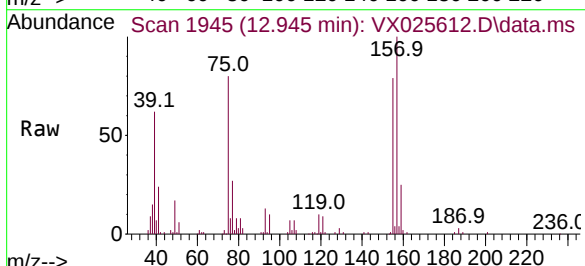
Tgt Ion: 75 Resp: 16745

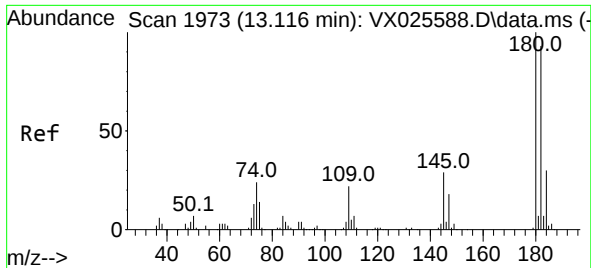
Ion Ratio Lower Upper

75 100

155 98.4 79.4 119.2

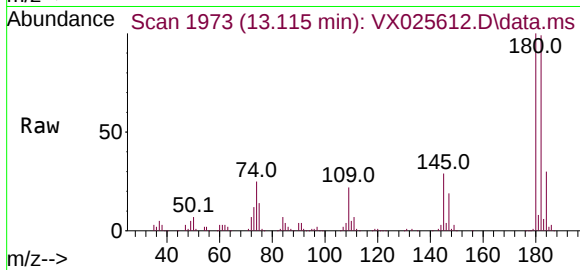
157 125.0 100.4 150.6



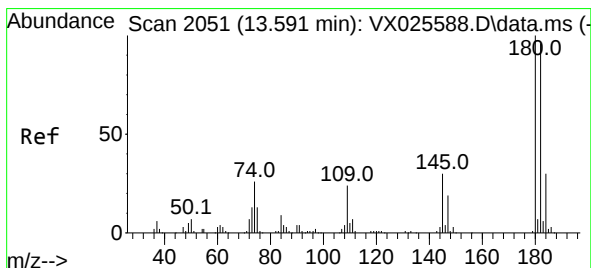
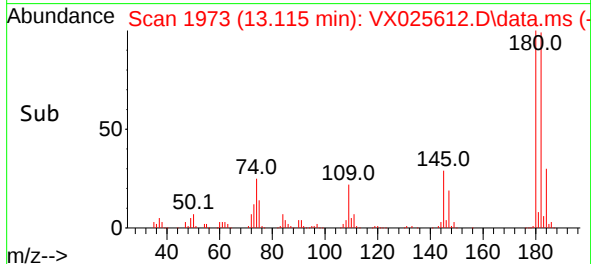
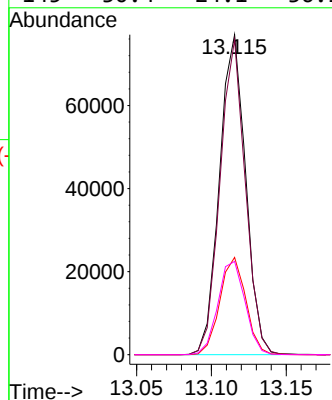


#69
 1,3,5-Trichlorobenzene
 Concen: 55.753 ug/L
 RT: 13.115 min Scan# 1973
 Delta R.T. -0.000 min
 Lab File: VX025612.D
 Acq: 08 Dec 2021 11:34

Instrument :
 MSVOA_X
 ClientSampleId :

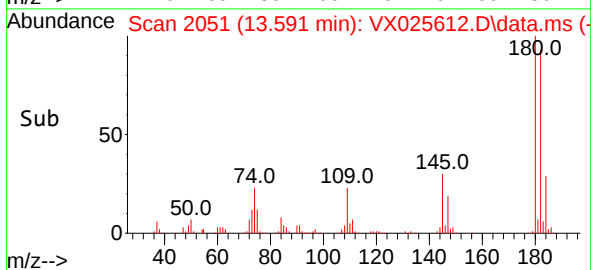
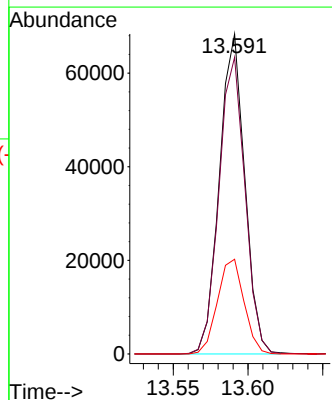
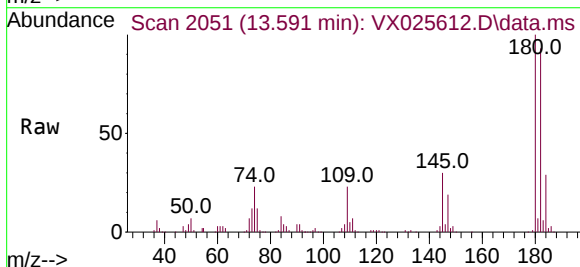


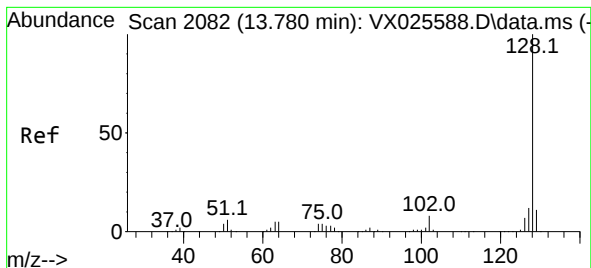
Tgt Ion:180 Resp: 93522
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.3 112.9
 184 30.3 24.6 37.0
 145 30.4 24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 57.239 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: VX025612.D
 Acq: 08 Dec 2021 11:34

Tgt Ion:180 Resp: 80707
 Ion Ratio Lower Upper
 180 100
 182 95.1 78.2 117.4
 145 31.0 24.7 37.1





#71

Naphthalene

Concen: 55.048 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX025612.D

Acq: 08 Dec 2021 11:34

Instrument :

MSVOA_X

ClientSampleId :

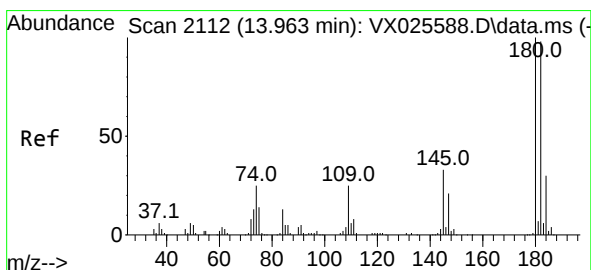
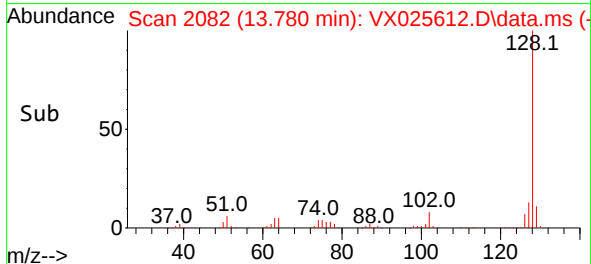
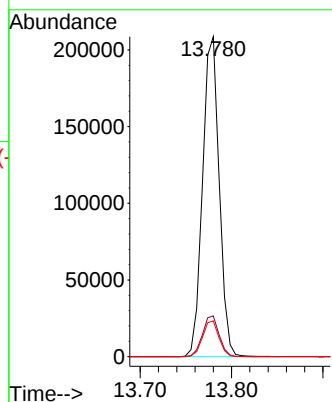
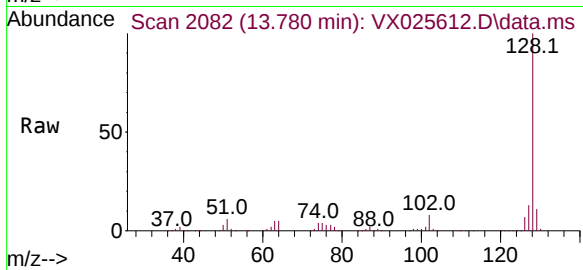
Tgt Ion:128 Resp: 263090

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 55.643 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX025612.D

Acq: 08 Dec 2021 11:34

Tgt Ion:180 Resp: 80374

Ion Ratio Lower Upper

180 100

182 95.5 75.2 112.8

145 32.6 25.8 38.6

