

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122322\
 Data File : VX033556.D
 Acq On : 23 Dec 2022 11:39
 Operator : JC/MD
 Sample : N4519-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 24 01:04:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 24 00:26:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	213045	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	187907	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	86664	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	48180	42.513	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.020%
7) Chloroethane-d5	1.673	69	45203	51.001	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.000%
11) 1,1-Dichloroethene-d2	2.307	63	65828	36.381	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.760%
21) 2-Butanone-d5	4.459	46	86645	105.250	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.250%
24) Chloroform-d	5.062	84	132064	47.005	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.958	65	88171	50.615	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.220%
32) Benzene-d6	5.977	84	253100	47.163	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.320%
36) 1,2-Dichloropropane-d6	7.312	67	76660	48.895	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.780%
41) Toluene-d8	8.647	98	241117	46.293	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.580%
43) trans-1,3-Dichloroprop...	8.952	79	34816	45.934	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.860%
47) 2-Hexanone-d5	9.385	63	65137	101.344	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.340%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	103377	48.086	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.180%
66) 1,2-Dichlorobenzene-d4	12.323	152	88133	49.024	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.040%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	1046	2.034	ug/L	99
3) Chloromethane	1.295	50	1304	2.020	ug/L	86
5) Vinyl chloride	1.374	62	1736	2.035	ug/L #	59
6) Bromomethane	1.618	94	1178	2.321	ug/L	94
8) Chloroethane	1.691	64	1365	2.405	ug/L	98
9) Trichlorofluoromethane	1.892	101	3009	2.131	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	2579	2.871	ug/L #	77
12) 1,1-Dichloroethene	2.319	96	2249	2.784	ug/L #	1
13) Acetone	2.392	43	2325	4.397	ug/L	96
14) Carbon disulfide	2.514	76	4186	1.703	ug/L	99
15) Methyl Acetate	2.709	43	2492	2.357	ug/L #	89
16) Methylene chloride	2.794	84	3176	2.626	ug/L	94
17) trans-1,2-Dichloroethene	3.093	96	2445	2.043	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	8028	2.117	ug/L	98
19) 1,1-Dichloroethane	3.611	63	4470	2.152	ug/L	94
20) cis-1,2-Dichloroethene	4.489	96	2992	2.134	ug/L	98
22) 2-Butanone	4.574	43	4023	4.620	ug/L	87
23) Bromochloromethane	4.904	128	1560	2.078	ug/L	87
25) Chloroform	5.087	83	3055	1.266	ug/L	98

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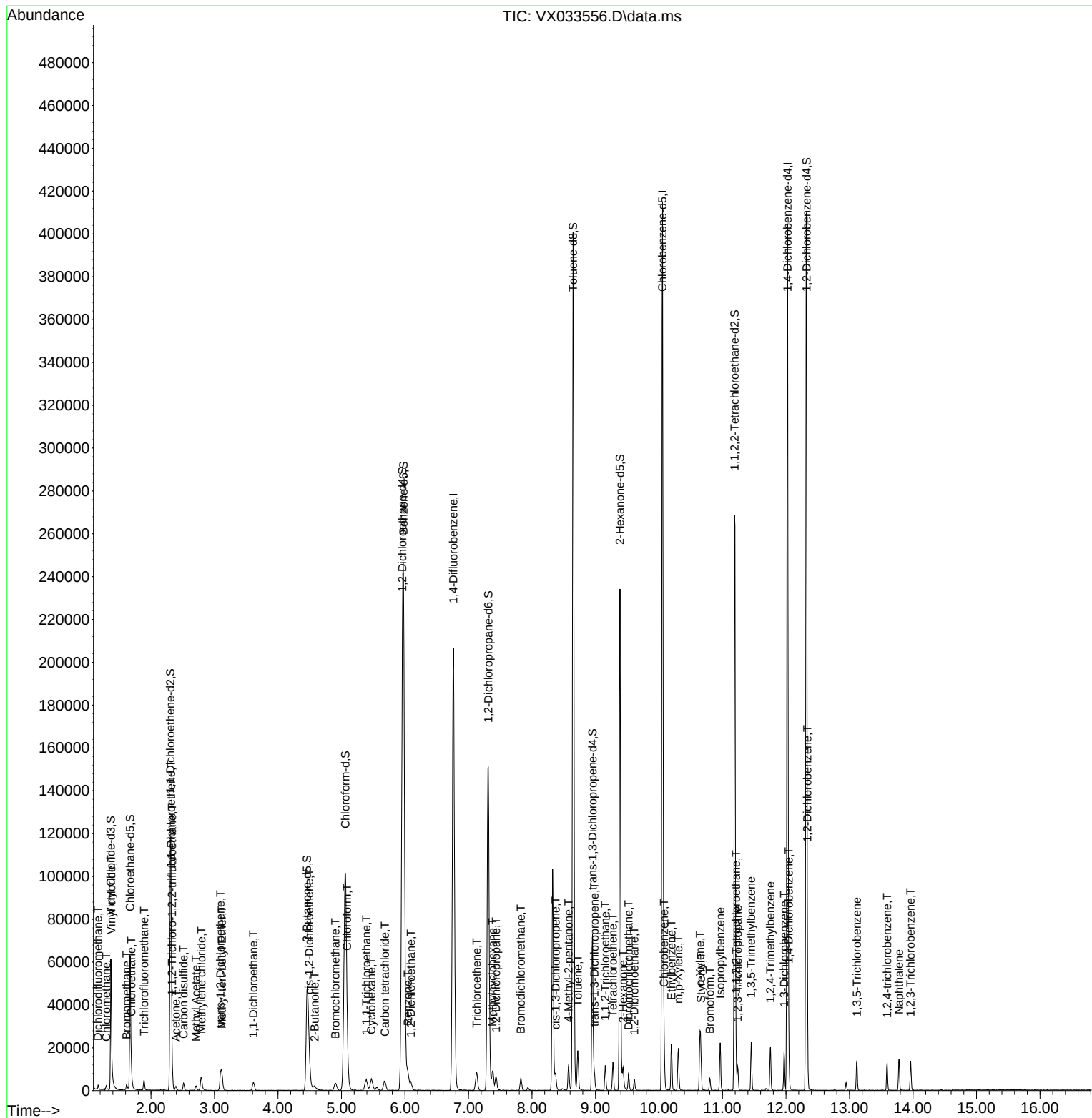
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.093	62	4383	2.381	ug/L #	90
29) Cyclohexane	5.471	56	3561	1.939	ug/L #	94
30) 1,1,1-Trichloroethane	5.391	97	4588	2.099	ug/L #	77
31) Carbon tetrachloride	5.684	117	4028	2.077	ug/L	97
33) Benzene	6.044	78	10728	2.148	ug/L	100
34) Trichloroethene	7.129	95	2837	2.037	ug/L	91
35) Methylcyclohexane	7.379	83	4346	2.130	ug/L	97
37) 1,2-Dichloropropane	7.434	63	2673	2.171	ug/L #	85
38) Bromodichloromethane	7.824	83	3814	2.099	ug/L	96
39) cis-1,3-Dichloropropene	8.373	75	4270	2.134	ug/L	90
40) 4-Methyl-2-pentanone	8.574	43	6796	4.456	ug/L	95
42) Toluene	8.720	91	12225	2.166	ug/L	97
44) trans-1,3-Dichloropropene	8.982	75	3725	1.983	ug/L	93
45) 1,1,2-Trichloroethane	9.153	97	2961	2.221	ug/L	93
46) Tetrachloroethene	9.275	164	2482	2.112	ug/L	94
48) 2-Hexanone	9.433	43	5984	4.940	ug/L #	96
49) Dibromochloromethane	9.519	129	3129	2.010	ug/L	90
50) 1,2-Dibromoethane	9.610	107	3042	2.114	ug/L #	91
51) Chlorobenzene	10.080	112	8199	2.189	ug/L	96
52) Ethylbenzene	10.195	91	12865	2.081	ug/L	98
53) m,p-Xylene	10.305	106	4917	1.994	ug/L	100
54) o-Xylene	10.647	106	4740	1.965	ug/L	95
55) Styrene	10.659	104	7829	1.926	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.214	83	4659	2.390	ug/L	98
59) Bromoform	10.799	173	2157	2.137	ug/L	96
60) Isopropylbenzene	10.964	105	11729	2.047	ug/L	97
61) 1,2,3-Trichloropropane	11.238	75	3494	2.560	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	9982	2.051	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	9551	1.996	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	5707	2.180	ug/L	88
65) 1,4-Dichlorobenzene	12.043	146	5910	2.232	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	5988	2.318	ug/L	96
69) 1,3,5-Trichlorobenzene	13.116	180	3660	2.090	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	3327	2.097	ug/L	97
71) Naphthalene	13.780	128	9771	1.885	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	3323	2.099	ug/L	98

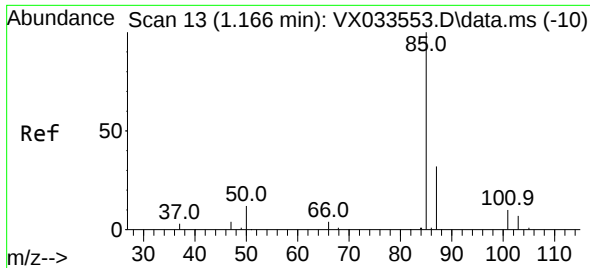
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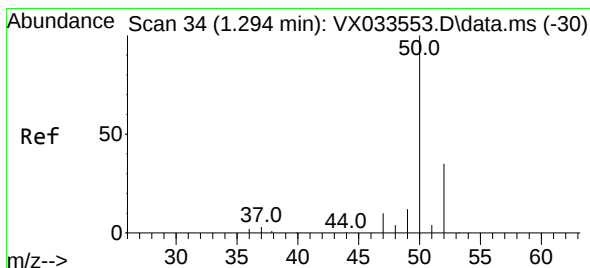
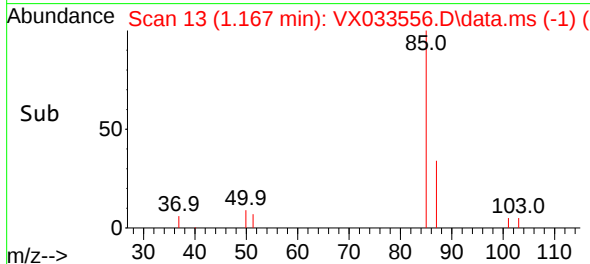
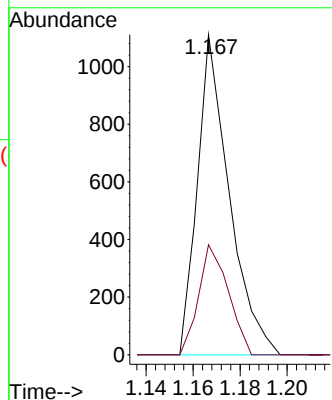
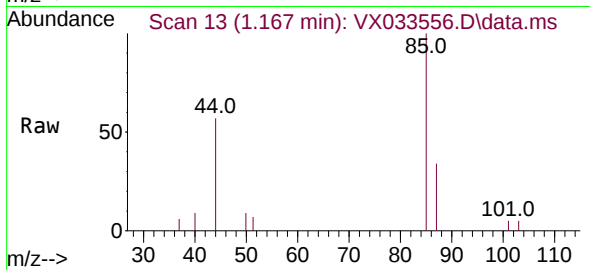




#2
 Dichlorodifluoromethane
 Concen: 2.034 ug/L
 RT: 1.167 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033556.D
 Acq: 23 Dec 2022 11:39

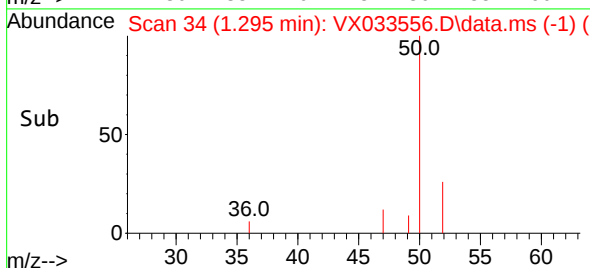
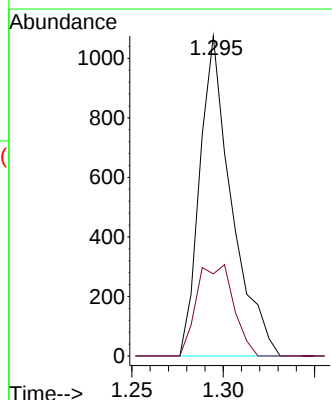
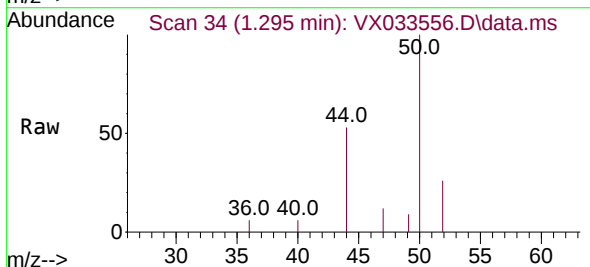
Instrument :
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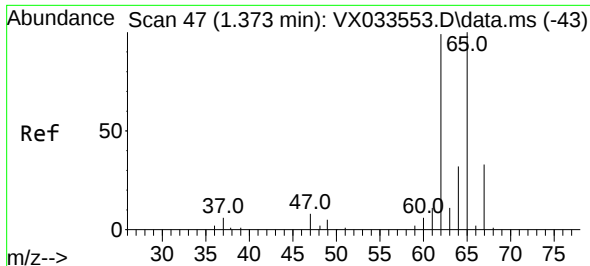
Tgt Ion: 85 Resp: 1046
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.1 39.1



#3
 Chloromethane
 Concen: 2.020 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX033556.D
 Acq: 23 Dec 2022 11:39

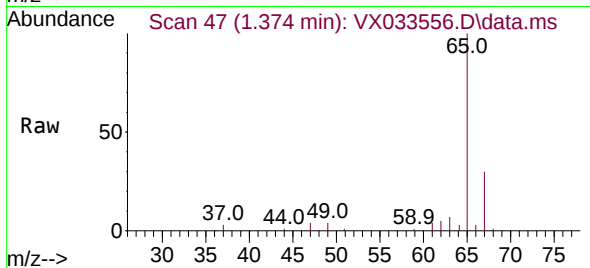
Tgt Ion: 50 Resp: 1304
 Ion Ratio Lower Upper
 50 100
 52 25.7 23.7 43.9



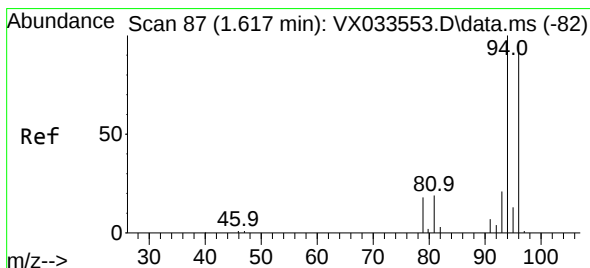
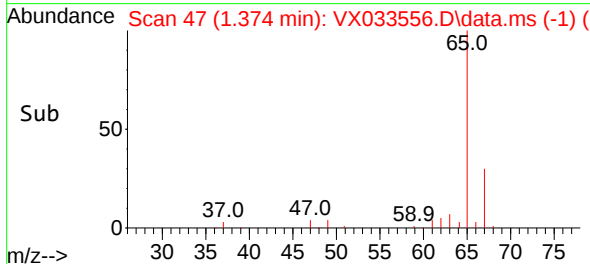
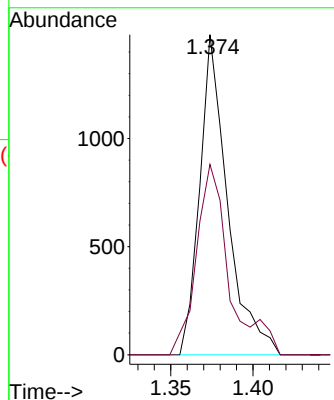


#5
 Vinyl chloride
 Concen: 2.035 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033556.D
 Acq: 23 Dec 2022 11:39

Instrument :
 MSVOA_X
 ClientSampleId :

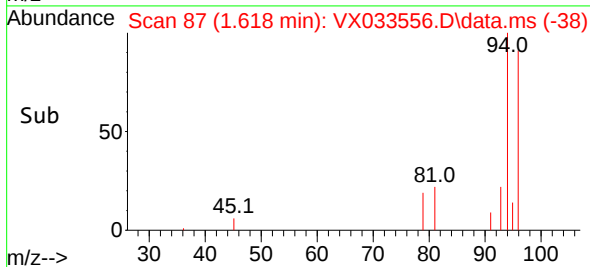
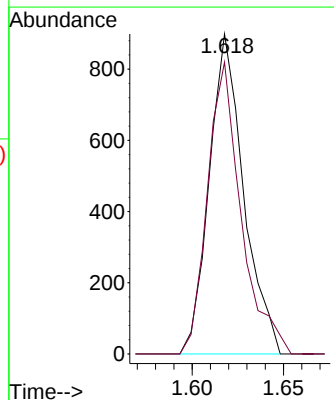
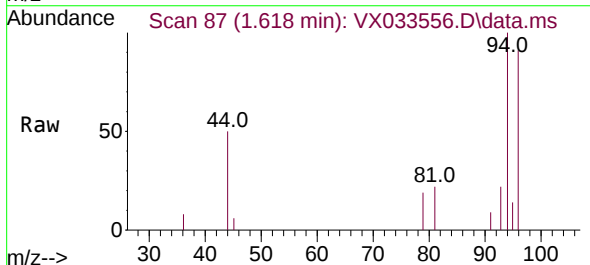


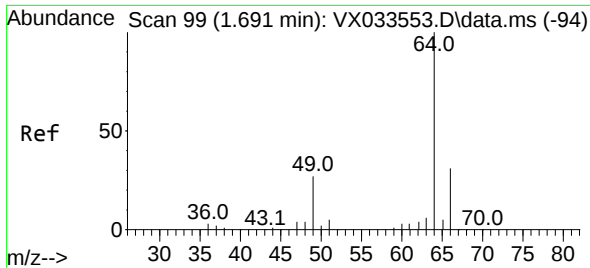
Tgt Ion: 62 Resp: 1736
 Ion Ratio Lower Upper
 62 100
 64 59.5 24.8 46.1#



#6
 Bromomethane
 Concen: 2.321 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX033556.D
 Acq: 23 Dec 2022 11:39

Tgt Ion: 94 Resp: 1178
 Ion Ratio Lower Upper
 94 100
 96 91.2 68.0 126.2

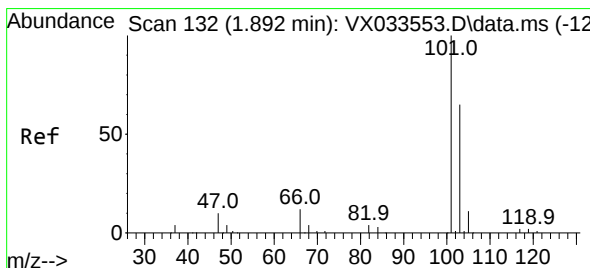
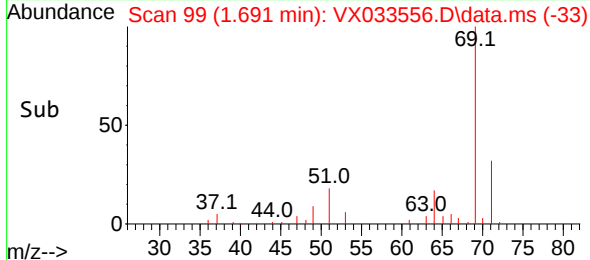
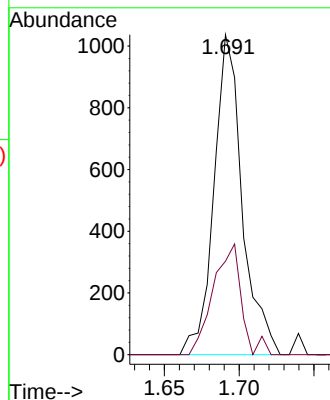
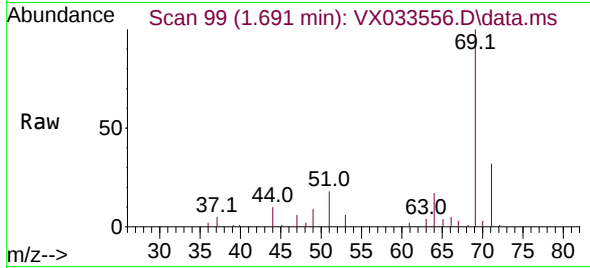




#8
 Chloroethane
 Concen: 2.405 ug/L
 RT: 1.691 min Scan# 99
 Delta R.T. 0.000 min
 Lab File: VX033556.D
 Acq: 23 Dec 2022 11:39

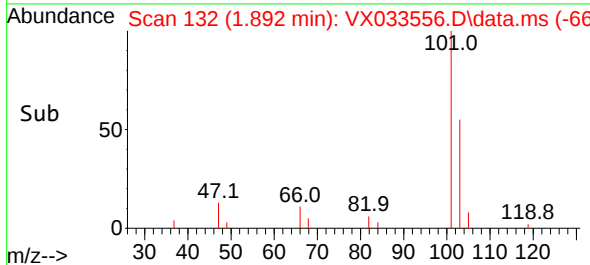
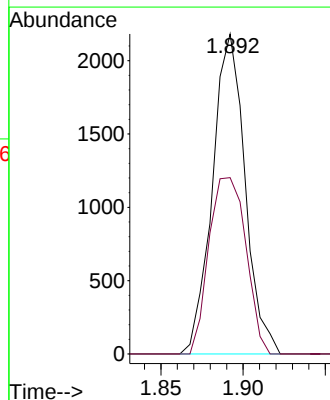
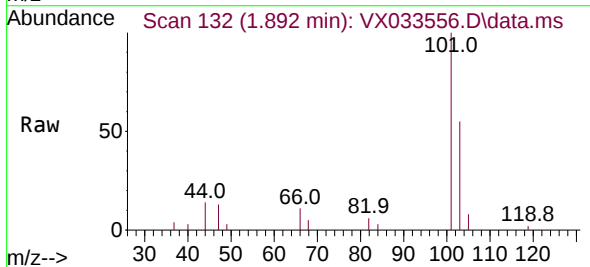
Instrument :
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 ClientSampleId :

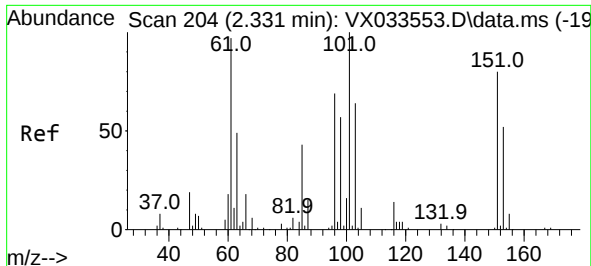
Tgt Ion: 64 Resp: 1365
 Ion Ratio Lower Upper
 64 100
 66 29.2 21.3 39.6



#9
 Trichlorofluoromethane
 Concen: 2.131 ug/L
 RT: 1.892 min Scan# 132
 Delta R.T. 0.000 min
 Lab File: VX033556.D
 Acq: 23 Dec 2022 11:39

Tgt Ion: 101 Resp: 3009
 Ion Ratio Lower Upper
 101 100
 103 62.7 51.8 77.6





#10

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

Concen: 2.871 ug/L

RT: 2.331 min Scan# 204

Delta R.T. 0.000 min

Lab File: VX033556.D

Acq: 23 Dec 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

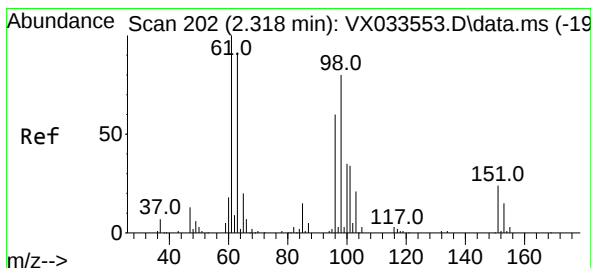
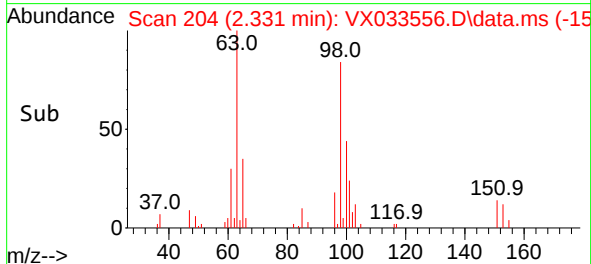
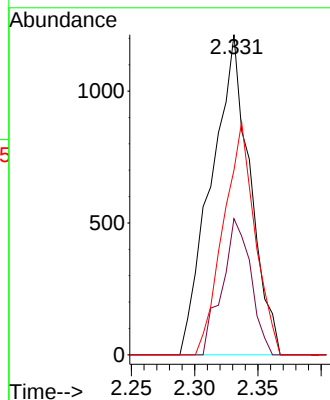
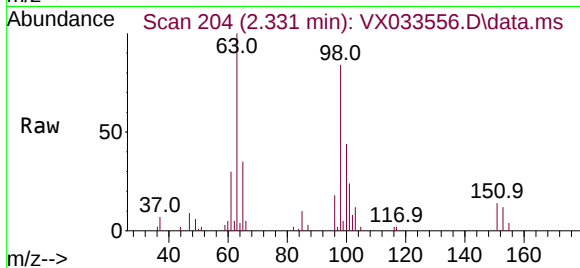
Tgt Ion:101 Resp: 2579

Ion Ratio Lower Upper

101 100

85 31.4 35.0 52.6#

151 59.4 65.7 98.5#



#12

1,1-Dichloroethene

Concen: 2.784 ug/L

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX033556.D

Acq: 23 Dec 2022 11:39

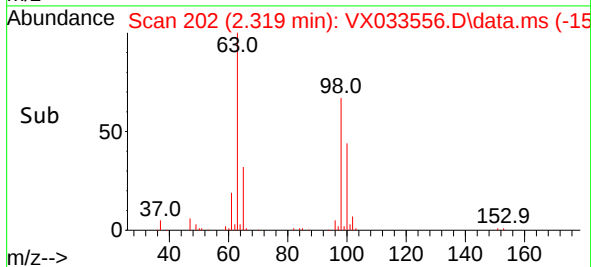
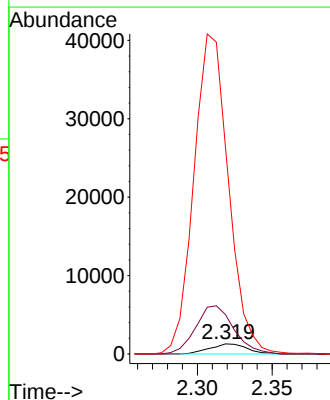
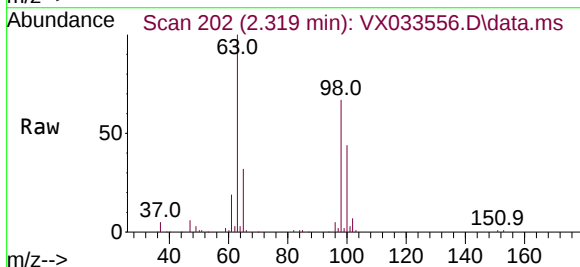
Tgt Ion: 96 Resp: 2249

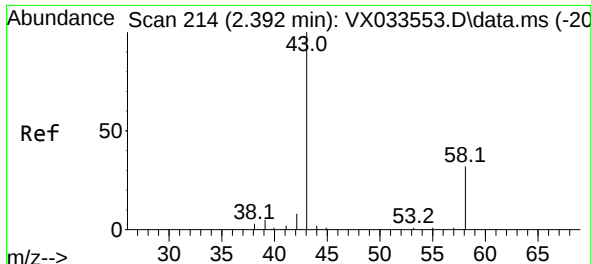
Ion Ratio Lower Upper

96 100

61 391.2 111.6 207.2#

63 2053.6 108.6 201.6#

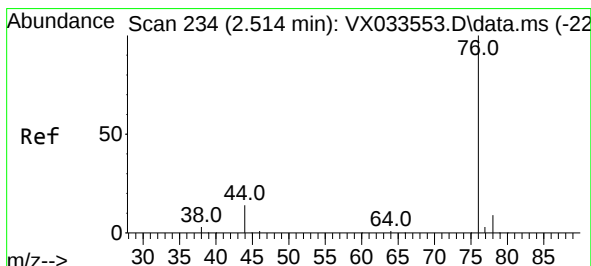
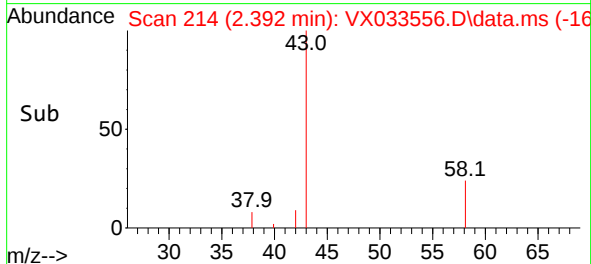
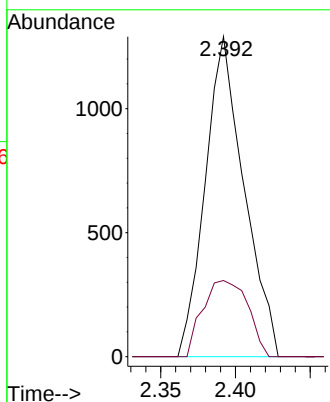
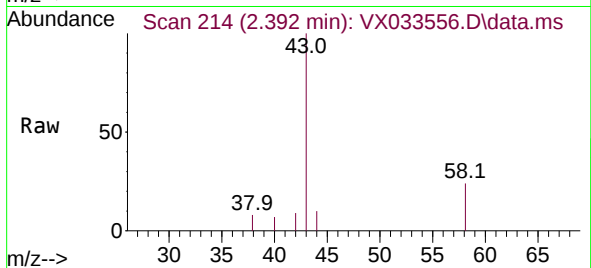




#13
Acetone
Concen: 4.397 ug/L
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
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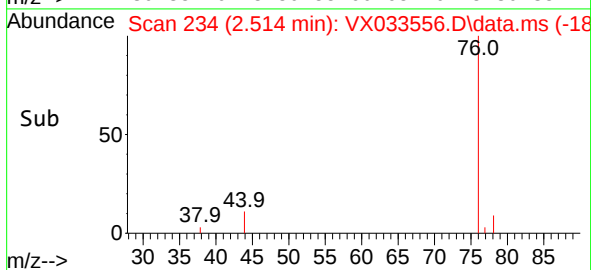
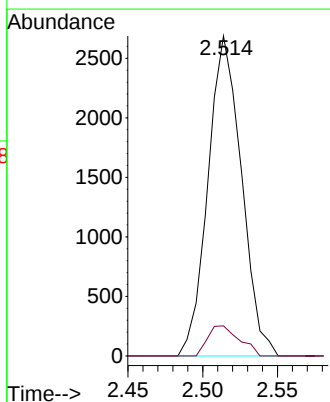
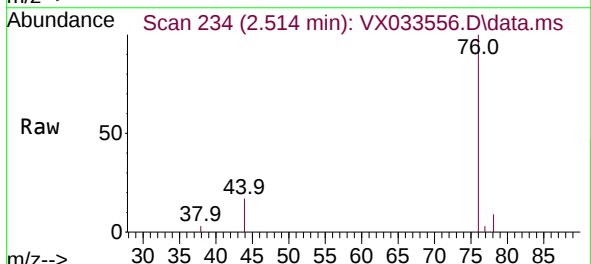
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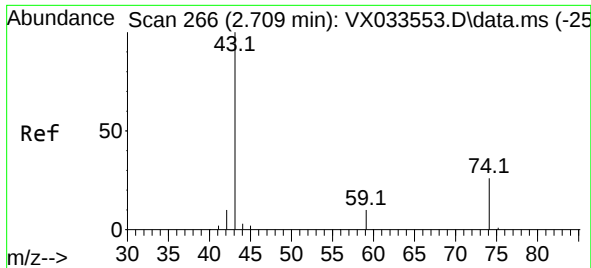
Tgt Ion: 43 Resp: 2325
Ion Ratio Lower Upper
43 100
58 27.7 0.0 60.0



#14
Carbon disulfide
Concen: 1.703 ug/L
RT: 2.514 min Scan# 234
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Tgt Ion: 76 Resp: 4186
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

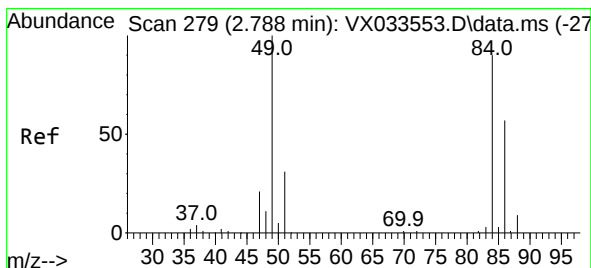
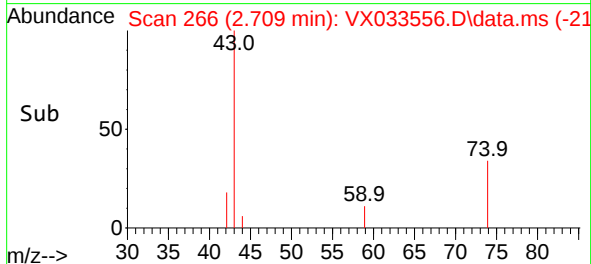
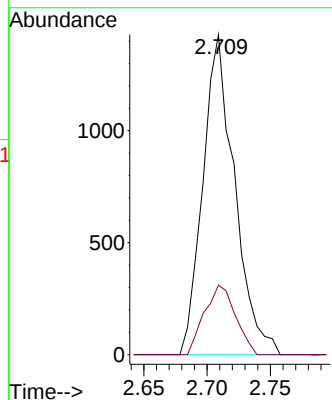
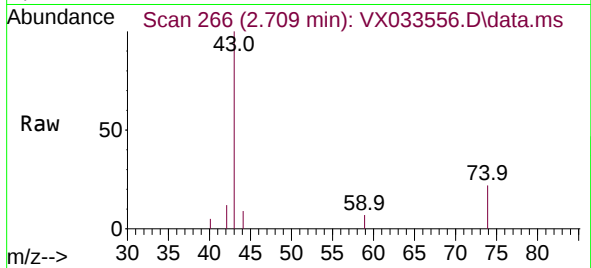




#15
Methyl Acetate
Concen: 2.357 ug/L
RT: 2.709 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

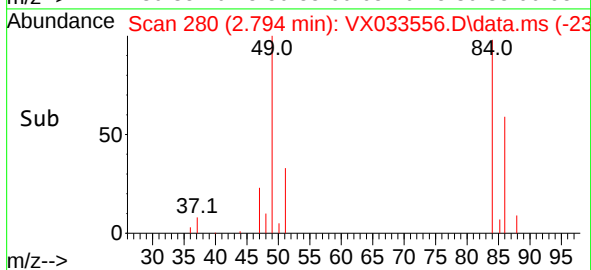
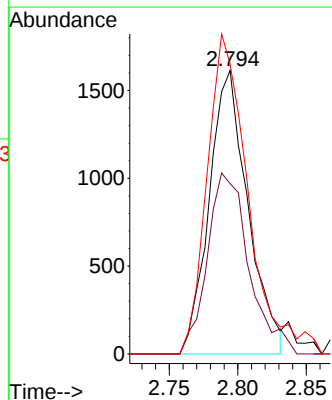
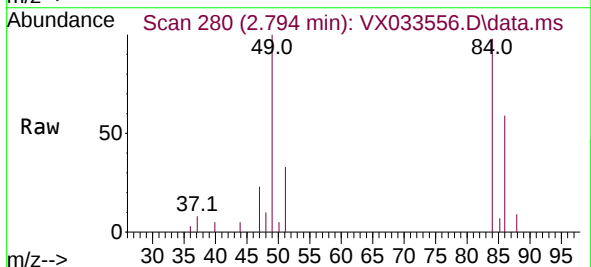
Instrument :
MSVOA_X
ClientSampleId :

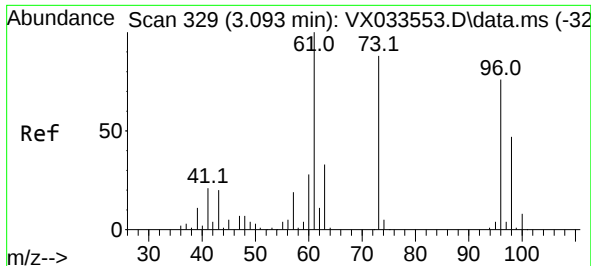
Tgt Ion: 43 Resp: 2492
Ion Ratio Lower Upper
43 100
74 21.3 21.4 32.0#



#16
Methylene chloride
Concen: 2.626 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

Tgt Ion: 84 Resp: 3176
Ion Ratio Lower Upper
84 100
86 60.0 44.0 81.6
49 102.2 77.2 143.4





#17

trans-1,2-Dichloroethene

Concen: 2.043 ug/L

RT: 3.093 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX033556.D

Acq: 23 Dec 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

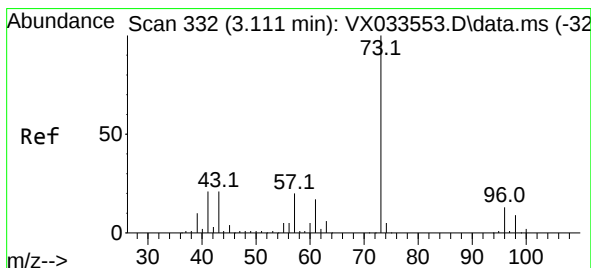
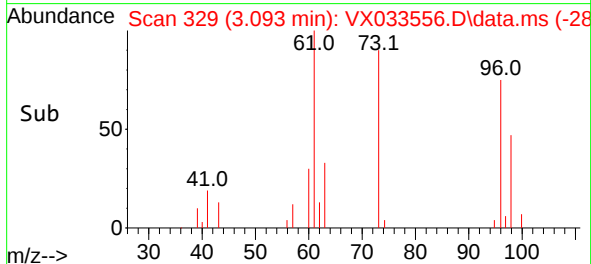
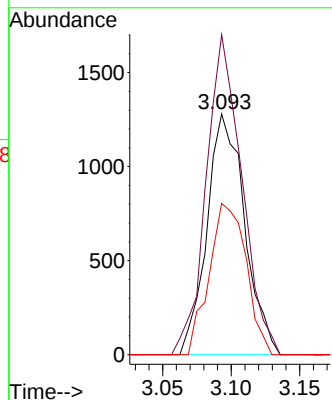
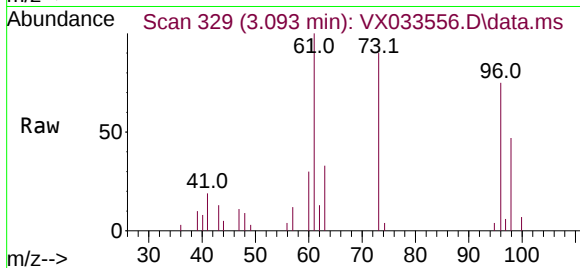
Tgt Ion: 96 Resp: 2445

Ion Ratio Lower Upper

96 100

61 133.0 90.6 168.2

98 62.9 45.1 83.9



#18

Methyl tert-butyl Ether

Concen: 2.117 ug/L

RT: 3.117 min Scan# 333

Delta R.T. 0.006 min

Lab File: VX033556.D

Acq: 23 Dec 2022 11:39

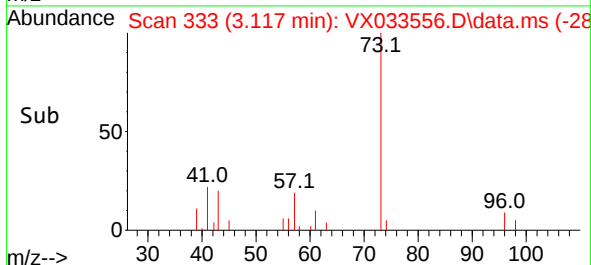
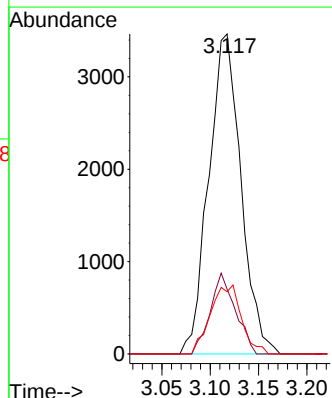
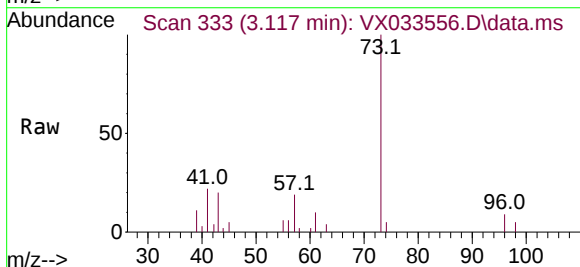
Tgt Ion: 73 Resp: 8028

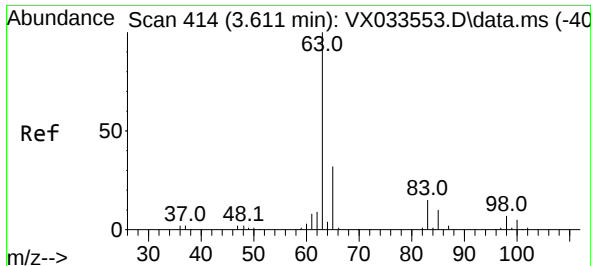
Ion Ratio Lower Upper

73 100

43 19.8 14.7 22.1

57 20.7 16.4 24.6





#19

1,1-Dichloroethane

Concen: 2.152 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX033556.D

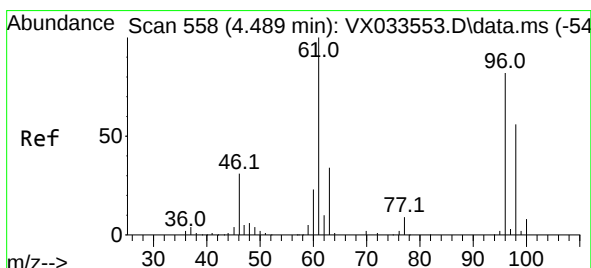
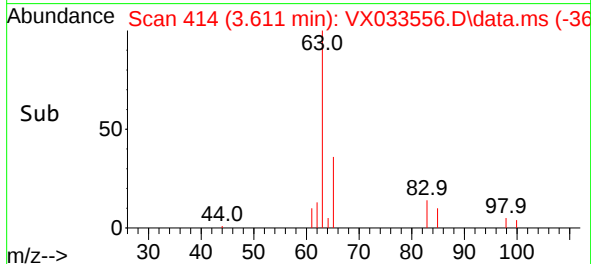
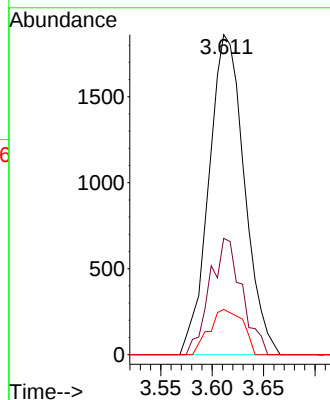
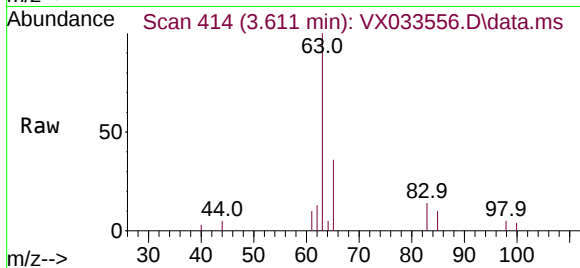
Acq: 23 Dec 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	63	Resp:	4470
Ion	Ratio	Lower	Upper
63	100		
65	36.3	21.8	40.6
83	14.1	9.9	18.5



#20

cis-1,2-Dichloroethene

Concen: 2.134 ug/L

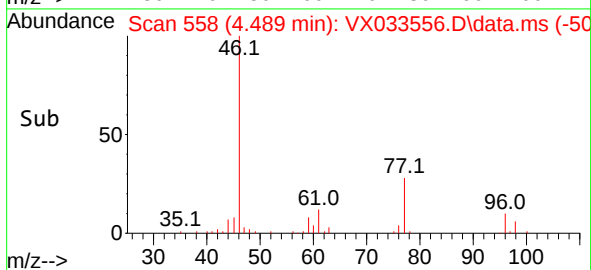
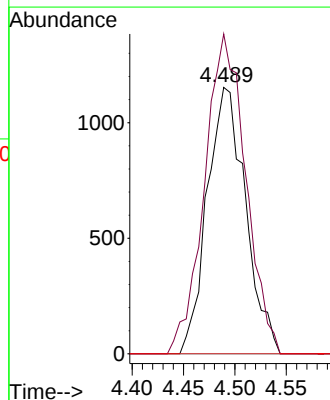
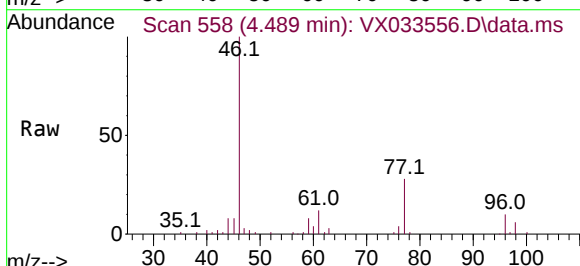
RT: 4.489 min Scan# 558

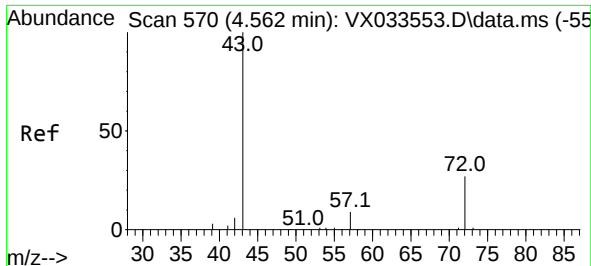
Delta R.T. 0.000 min

Lab File: VX033556.D

Acq: 23 Dec 2022 11:39

Tgt Ion:	96	Resp:	2992
Ion	Ratio	Lower	Upper
96	100		
61	120.0	82.7	153.7
68	0.0	0.0	0.0

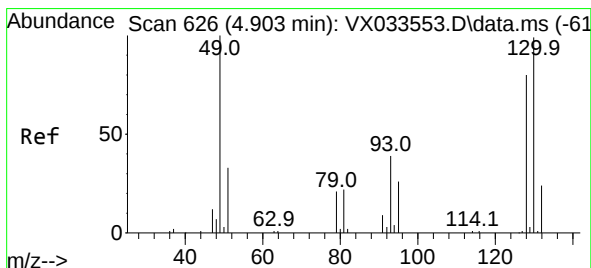
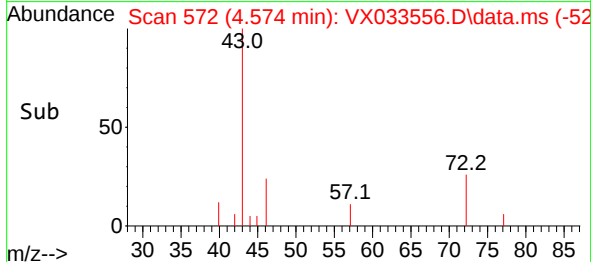
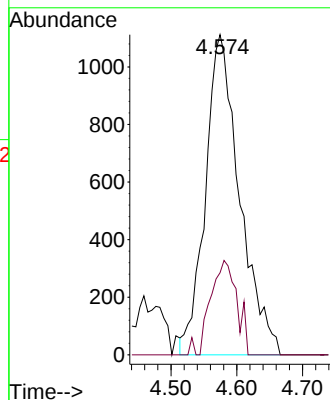
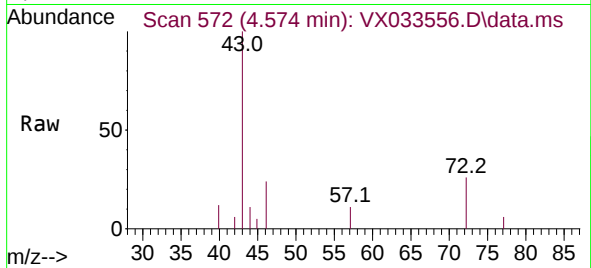




#22
2-Butanone
Concen: 4.620 ug/L
RT: 4.574 min Scan# 51
Delta R.T. 0.013 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

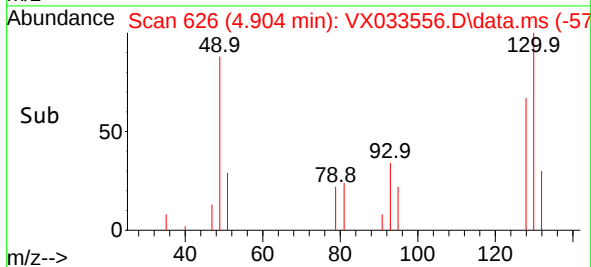
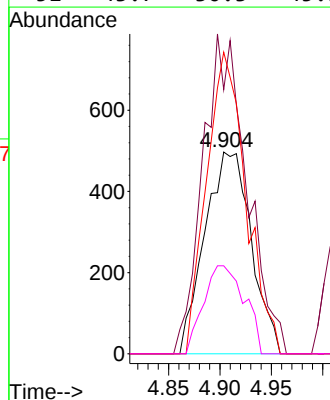
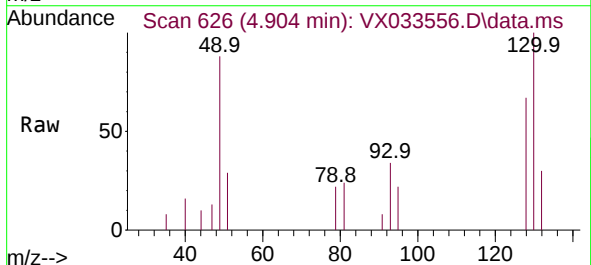
Instrument :
MSVOA_X
ClientSampleId :

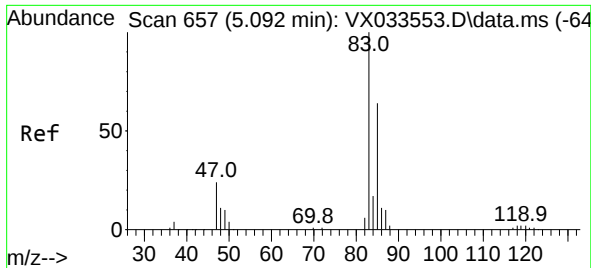
Tgt Ion: 43 Resp: 4023
Ion Ratio Lower Upper
43 100
72 22.1 14.6 44.0



#23
Bromochloromethane
Concen: 2.078 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

Tgt Ion: 128 Resp: 1560
Ion Ratio Lower Upper
128 100
49 131.0 89.2 165.8
130 149.5 85.8 159.3
51 43.7 30.3 45.5

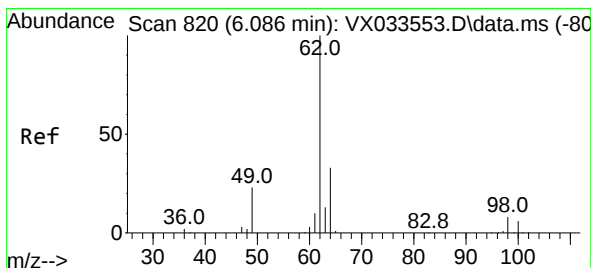
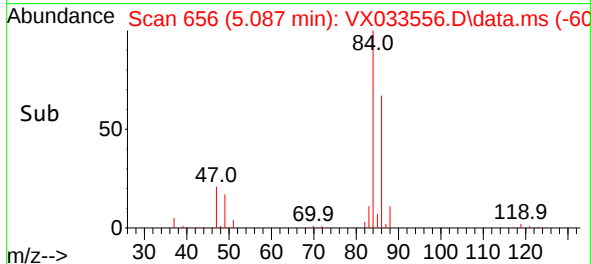
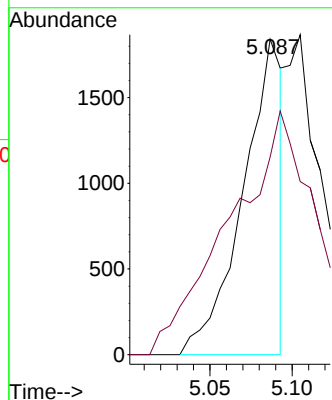
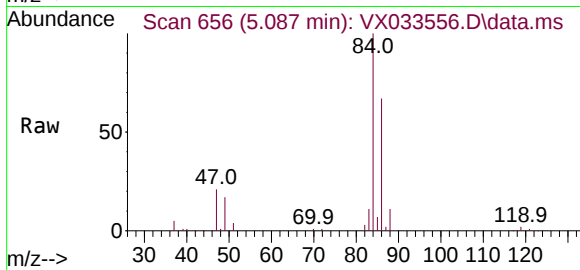




#25
Chloroform
Concen: 1.266 ug/L
RT: 5.087 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

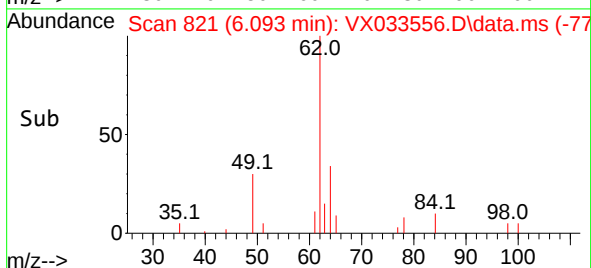
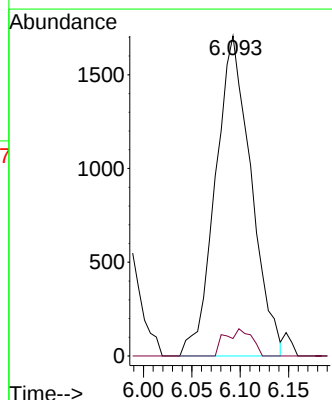
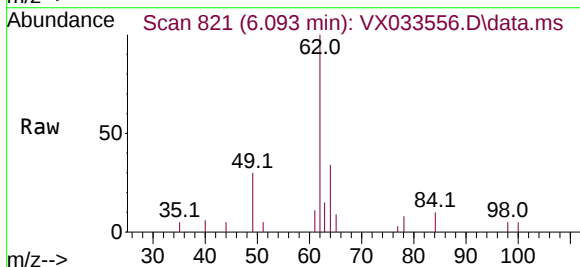
Instrument :
MSVOA_X
ClientSampleId :

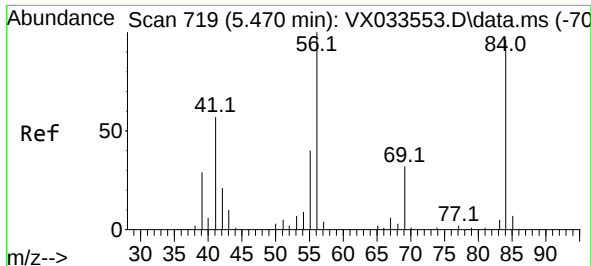
Tgt Ion: 83 Resp: 3055
Ion Ratio Lower Upper
83 100
85 62.6 44.9 83.3



#27
1,2-Dichloroethane
Concen: 2.381 ug/L
RT: 6.093 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

Tgt Ion: 62 Resp: 4383
Ion Ratio Lower Upper
62 100
98 5.4 7.4 11.0#





#29

Cyclohexane

Concen: 1.939 ug/L

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

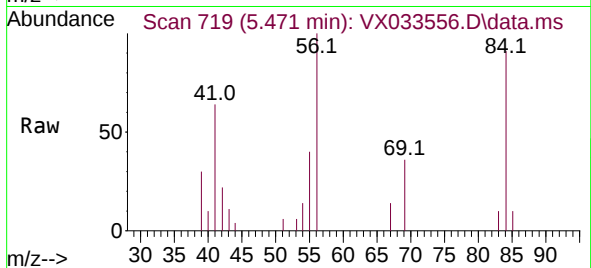
Lab File: VX033556.D

Acq: 23 Dec 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :



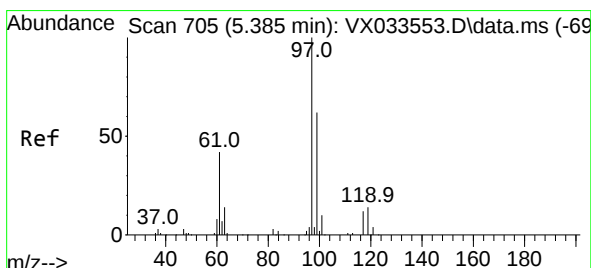
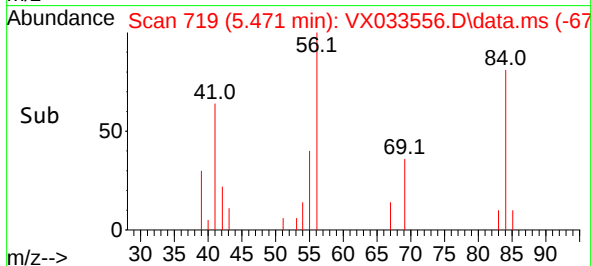
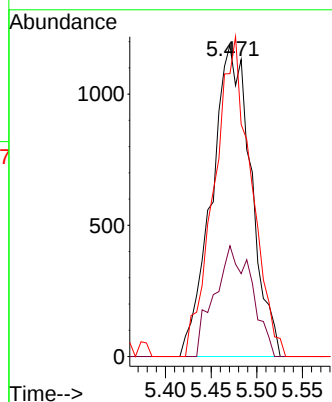
Tgt Ion: 56 Resp: 3561

Ion Ratio Lower Upper

56 100

69 23.2 26.3 39.5#

84 96.1 75.6 113.4



#30

1,1,1-Trichloroethane

Concen: 2.099 ug/L

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX033556.D

Acq: 23 Dec 2022 11:39

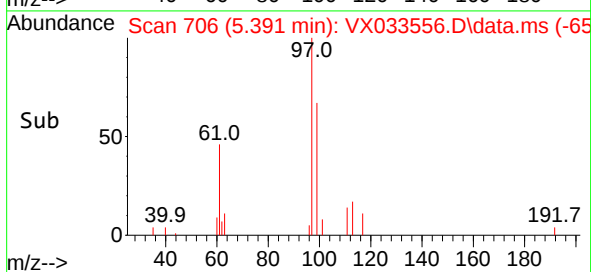
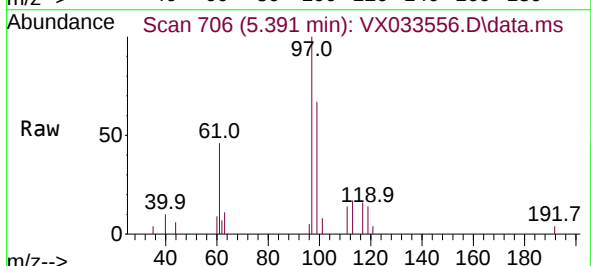
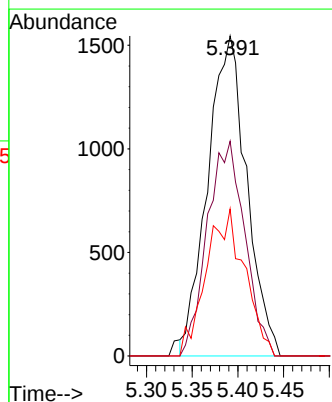
Tgt Ion: 97 Resp: 4588

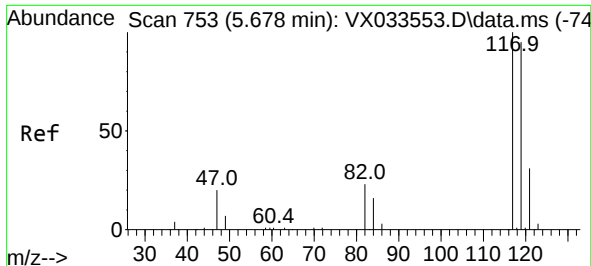
Ion Ratio Lower Upper

97 100

99 64.5 51.3 76.9

61 3.5 32.4 48.6#

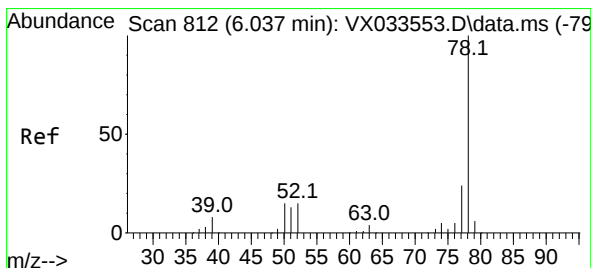
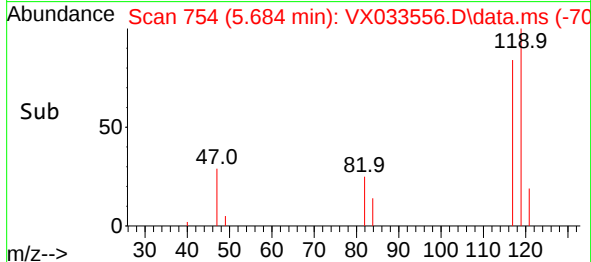
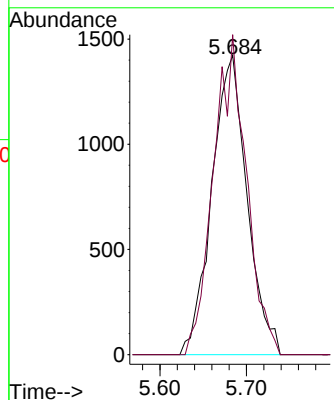
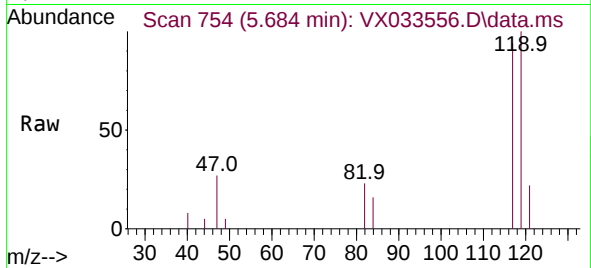




#31
Carbon tetrachloride
Concen: 2.077 ug/L
RT: 5.684 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

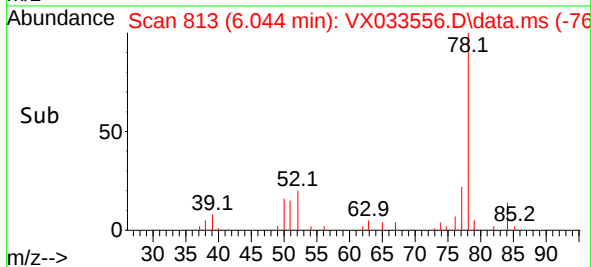
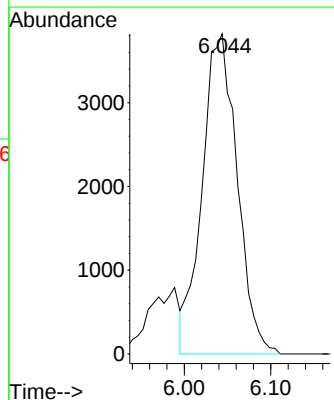
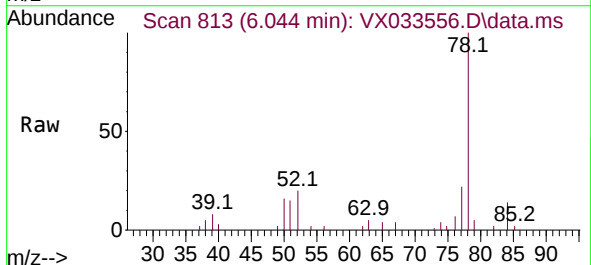
Instrument :
MSVOA_X
ClientSampleId :

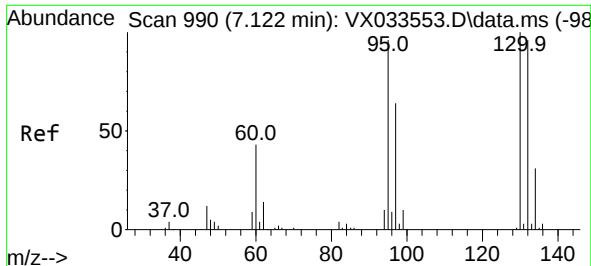
Tgt Ion:117 Resp: 4028
Ion Ratio Lower Upper
117 100
119 99.9 77.9 116.9



#33
Benzene
Concen: 2.148 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

Tgt Ion: 78 Resp: 10728

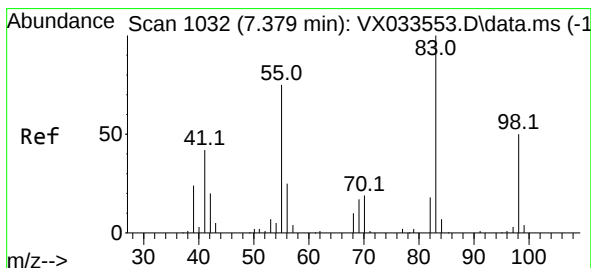
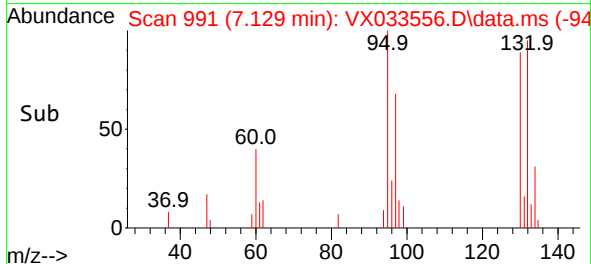
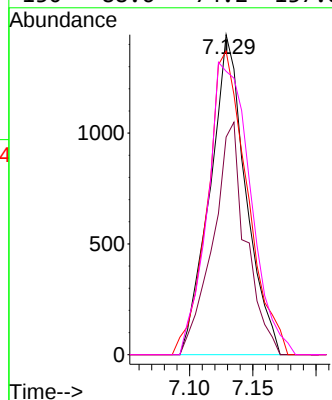
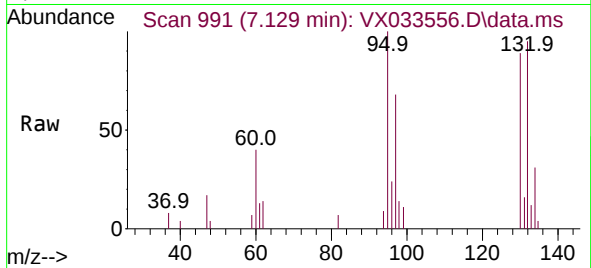




#34
Trichloroethene
Concen: 2.037 ug/L
RT: 7.129 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

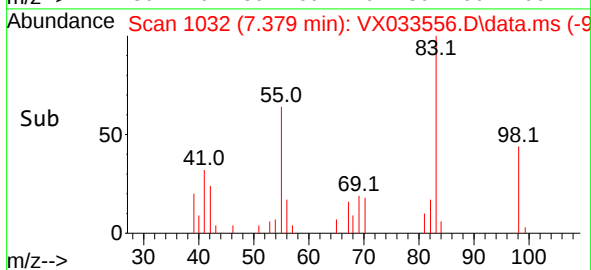
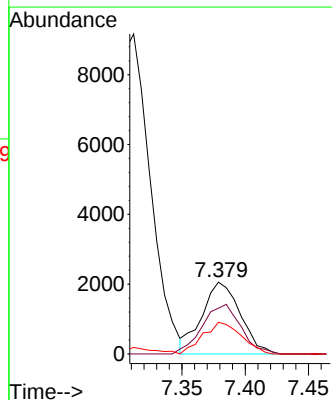
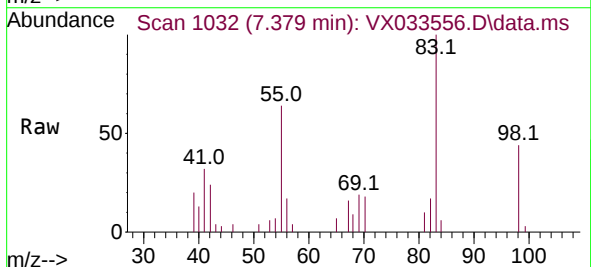
Instrument :
MSVOA_X
ClientSampleId :

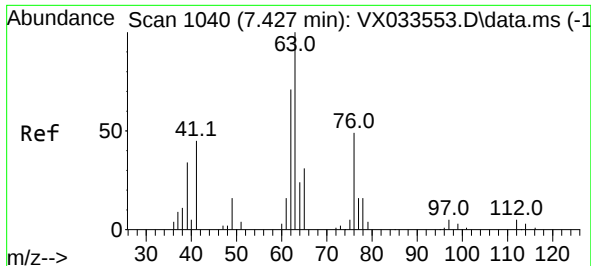
Tgt Ion: 95 Resp: 2837
Ion Ratio Lower Upper
95 100
97 68.0 44.9 83.3
132 94.9 69.5 129.1
130 88.6 74.2 137.8



#35
Methylcyclohexane
Concen: 2.130 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

Tgt Ion: 83 Resp: 4346
Ion Ratio Lower Upper
83 100
55 69.1 55.6 83.4
98 43.9 38.6 57.8





#37

1,2-Dichloropropane

Concen: 2.171 ug/L

RT: 7.434 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX033556.D

Acq: 23 Dec 2022 11:39

Instrument :

MSVOA_X

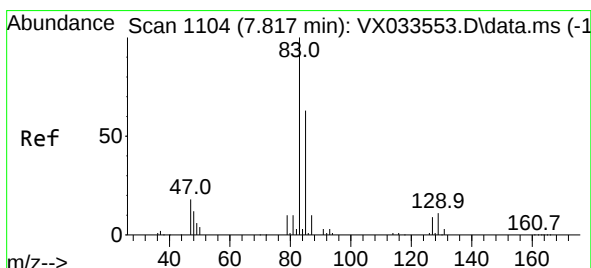
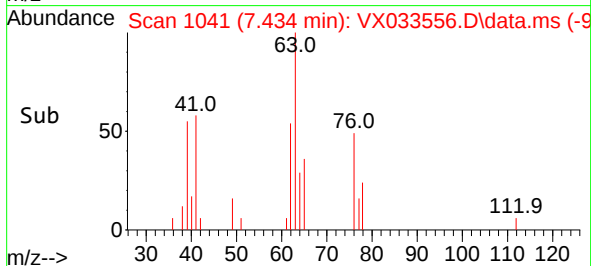
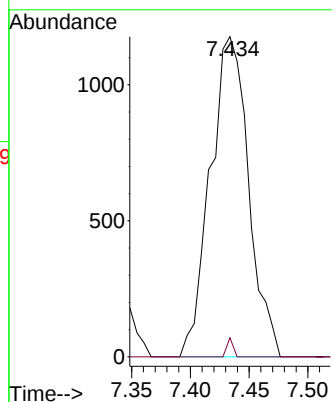
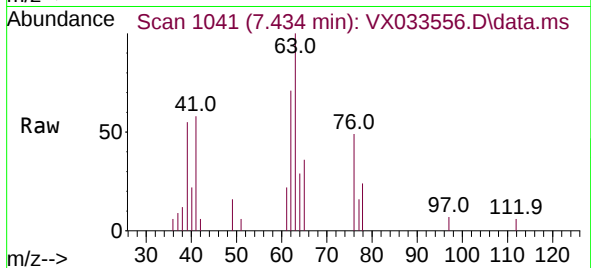
ClientSampleId :

Tgt Ion: 63 Resp: 2673

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#38

Bromodichloromethane

Concen: 2.099 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX033556.D

Acq: 23 Dec 2022 11:39

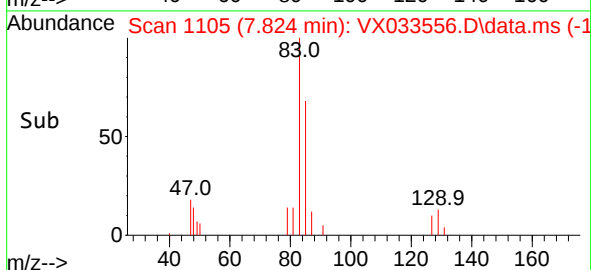
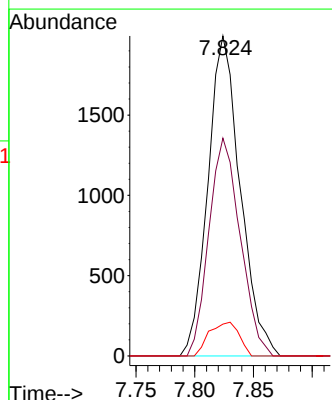
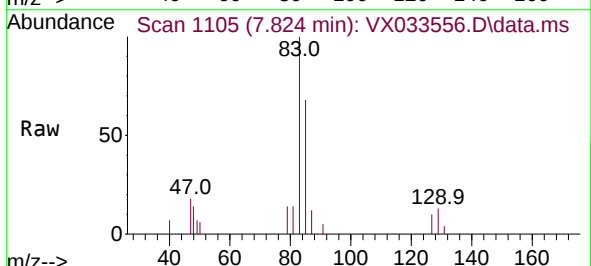
Tgt Ion: 83 Resp: 3814

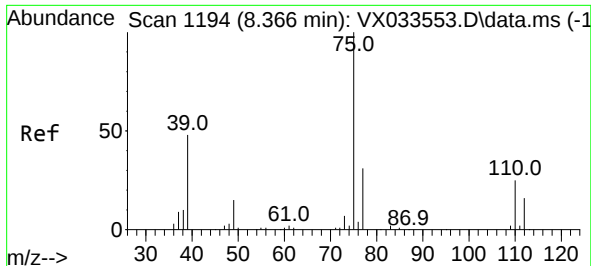
Ion Ratio Lower Upper

83 100

85 68.0 45.1 83.9

127 9.9 7.7 11.5





#39

cis-1,3-Dichloropropene

Concen: 2.134 ug/L

RT: 8.373 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX033556.D

Acq: 23 Dec 2022 11:39

Instrument :

MSVOA_X

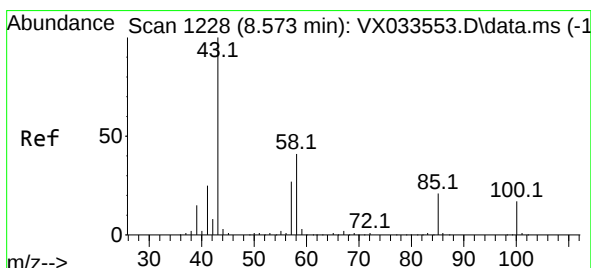
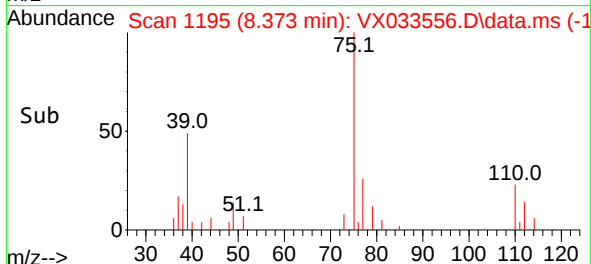
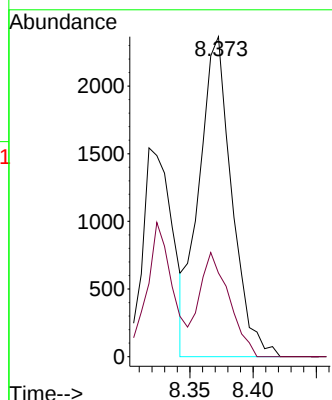
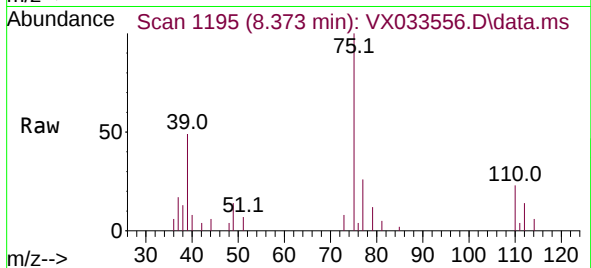
ClientSampleId :

Tgt Ion: 75 Resp: 4270

Ion Ratio Lower Upper

75 100

77 26.1 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 4.456 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX033556.D

Acq: 23 Dec 2022 11:39

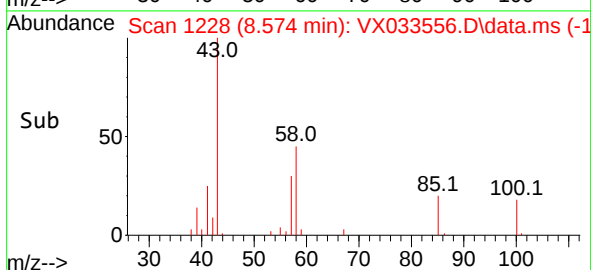
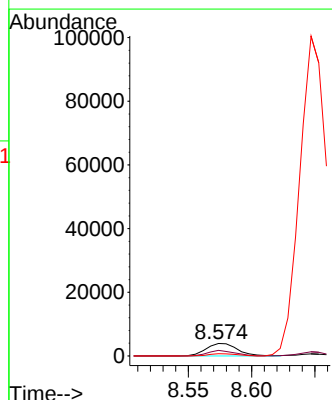
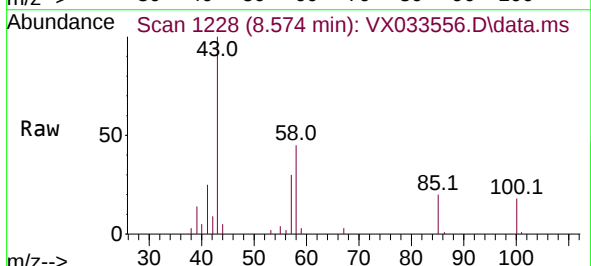
Tgt Ion: 43 Resp: 6796

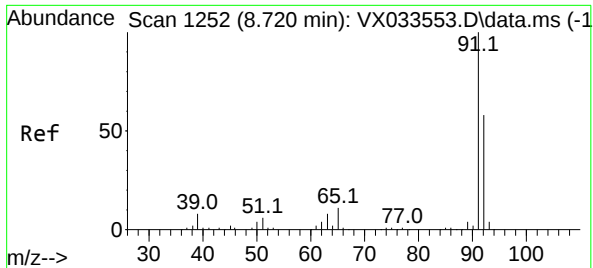
Ion Ratio Lower Upper

43 100

58 38.5 32.9 49.3

100 16.2 14.9 22.3





#42

Toluene

Concen: 2.166 ug/L

RT: 8.720 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033556.D

Acq: 23 Dec 2022 11:39

Instrument :

MSVOA_X

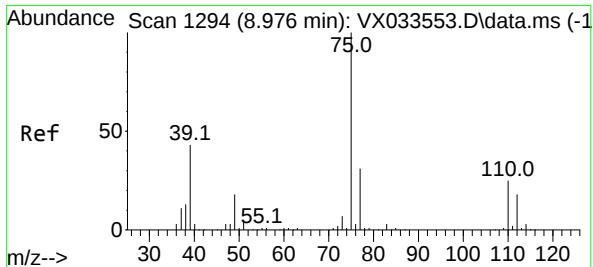
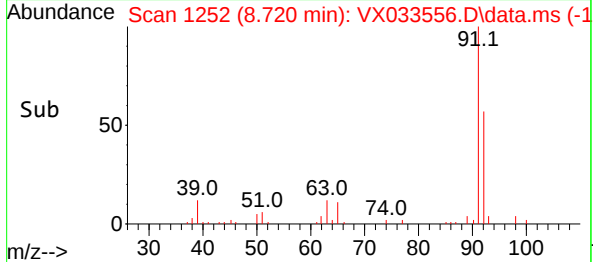
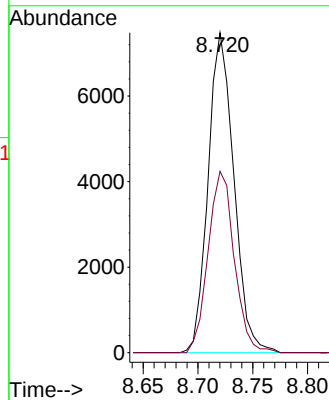
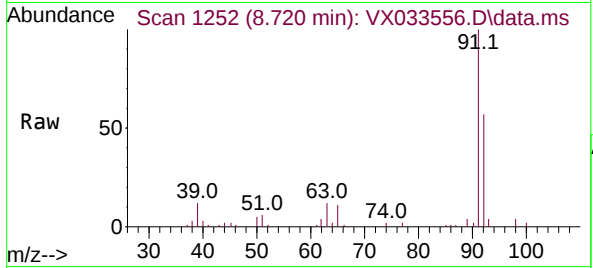
ClientSampleId :

Tgt Ion: 91 Resp: 12225

Ion Ratio Lower Upper

91 100

92 56.6 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 1.983 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX033556.D

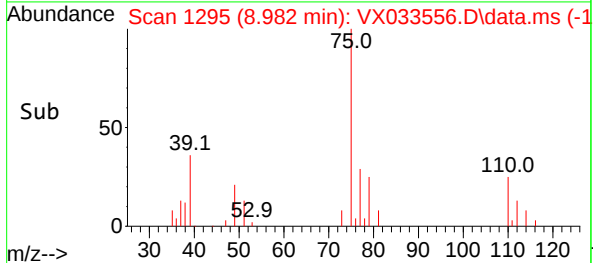
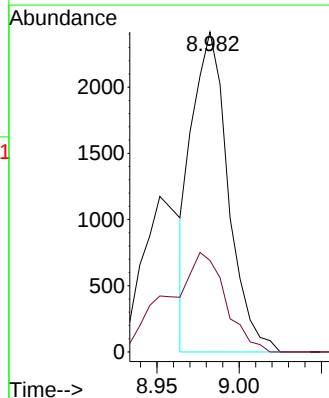
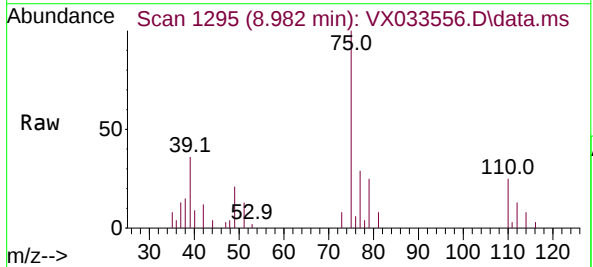
Acq: 23 Dec 2022 11:39

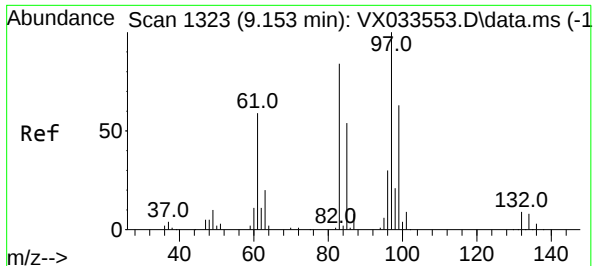
Tgt Ion: 75 Resp: 3725

Ion Ratio Lower Upper

75 100

77 28.6 22.8 42.4





#45

1,1,2-Trichloroethane

Concen: 2.221 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX033556.D

Acq: 23 Dec 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 2961

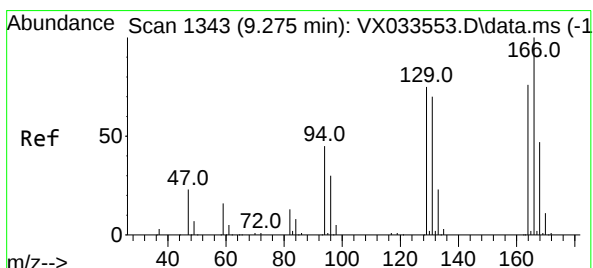
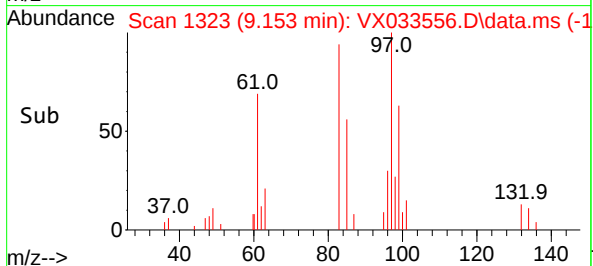
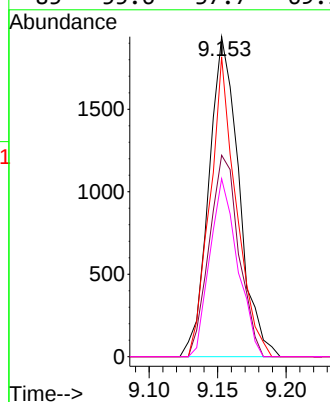
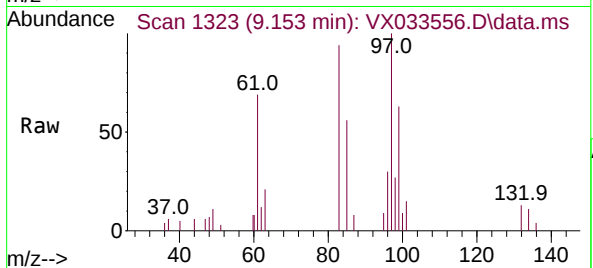
Ion Ratio Lower Upper

97 100

99 62.9 45.4 84.2

83 93.7 57.0 105.9

85 55.6 37.7 69.9



#46

Tetrachloroethene

Concen: 2.112 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX033556.D

Acq: 23 Dec 2022 11:39

Tgt Ion:164 Resp: 2482

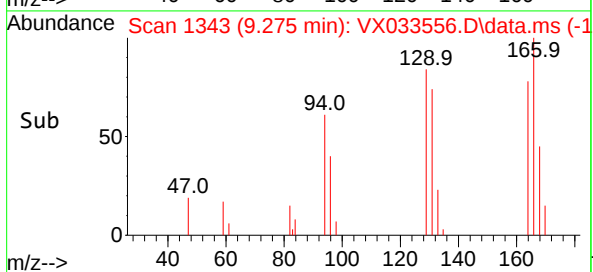
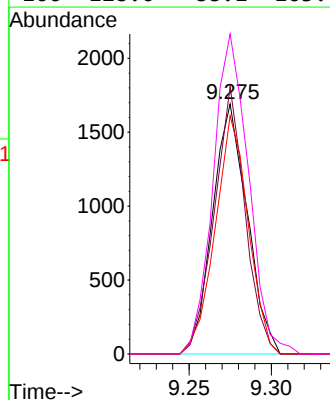
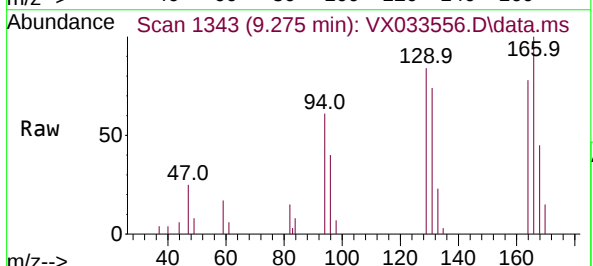
Ion Ratio Lower Upper

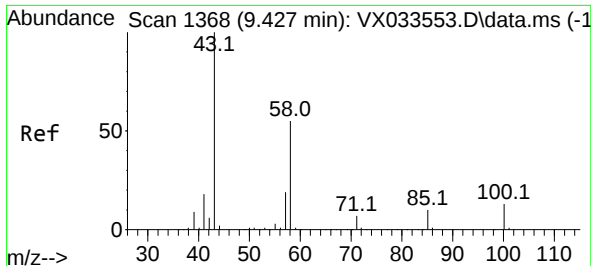
164 100

129 106.9 65.6 121.8

131 95.3 63.5 117.9

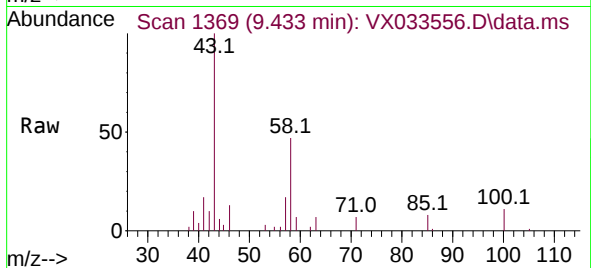
166 128.0 88.1 163.7



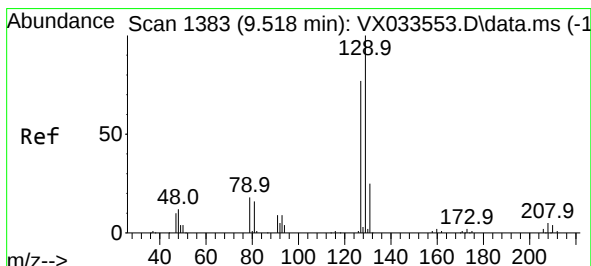
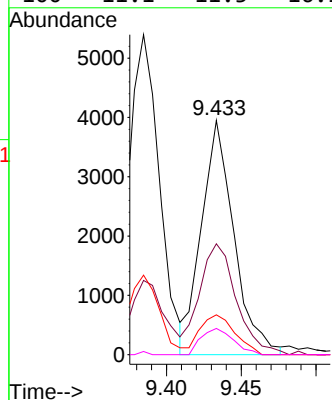
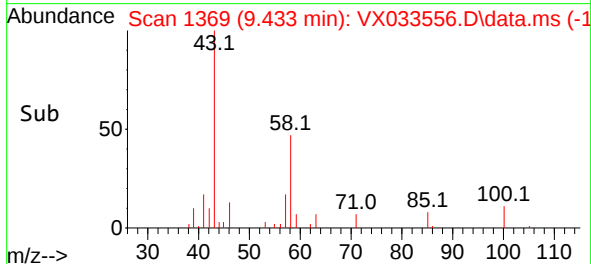


#48
2-Hexanone
Concen: 4.940 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

Instrument :
MSVOA_X
ClientSampleId :

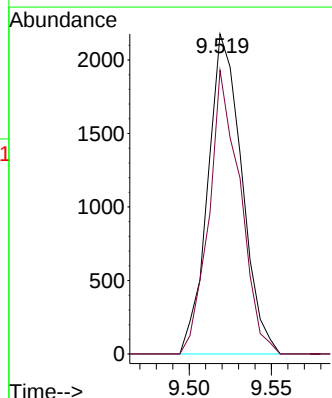
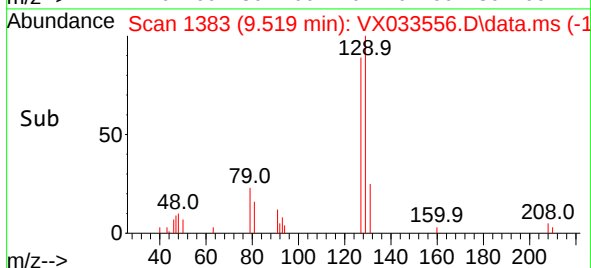
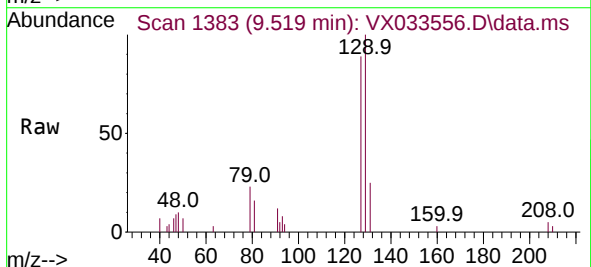


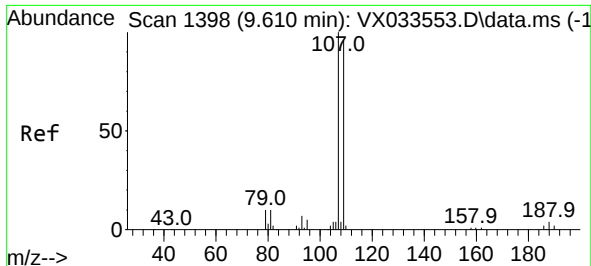
Tgt Ion: 43 Resp: 5984
Ion Ratio Lower Upper
43 100
58 53.7 44.6 66.8
57 18.0 16.4 24.6
100 11.1 11.3 16.9#



#49
Dibromochloromethane
Concen: 2.010 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

Tgt Ion: 129 Resp: 3129
Ion Ratio Lower Upper
129 100
127 88.7 55.8 103.6





#50

1,2-Dibromoethane

Concen: 2.114 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX033556.D

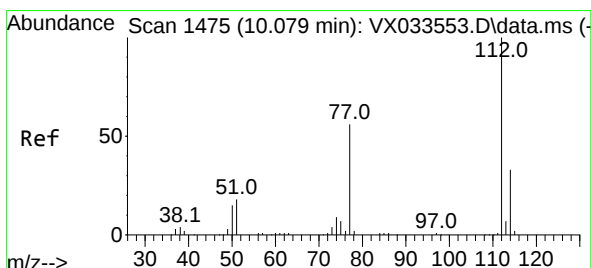
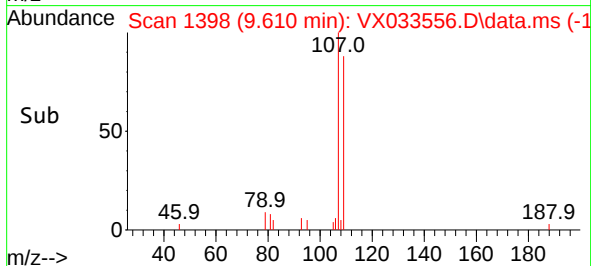
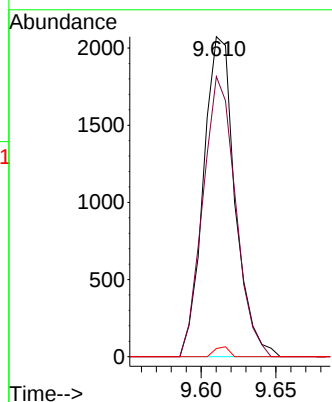
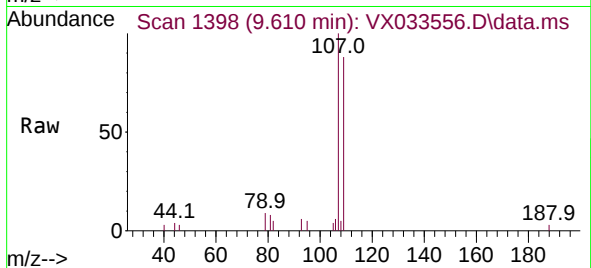
Acq: 23 Dec 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	107	Resp:	3042
Ion	Ratio	Lower	Upper
107	100		
109	87.6	67.5	125.3
188	2.6	3.0	4.4#



#51

Chlorobenzene

Concen: 2.189 ug/L

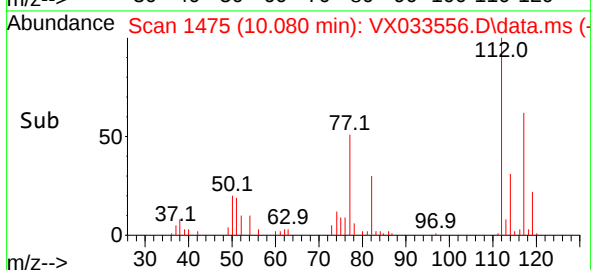
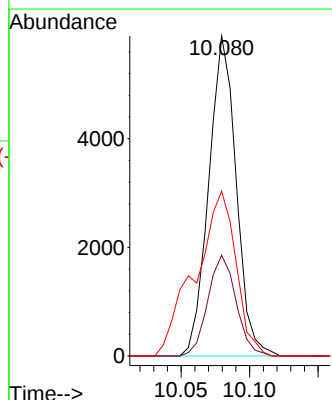
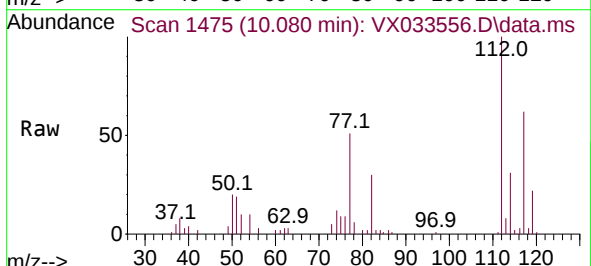
RT: 10.080 min Scan# 1475

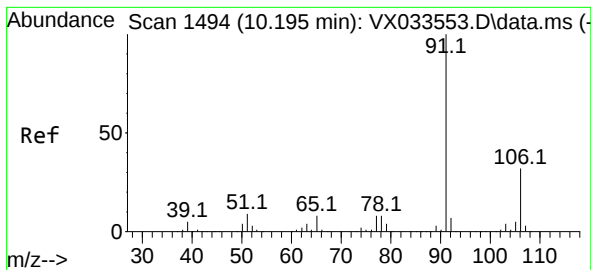
Delta R.T. 0.000 min

Lab File: VX033556.D

Acq: 23 Dec 2022 11:39

Tgt Ion:	112	Resp:	8199
Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.1	41.1
77	51.5	45.0	67.4

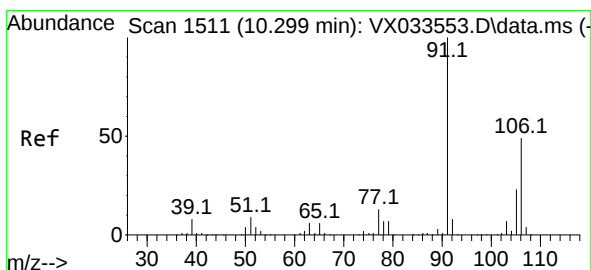
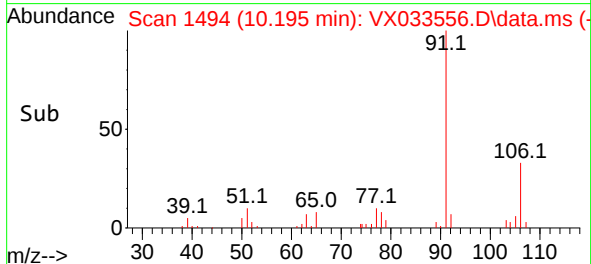
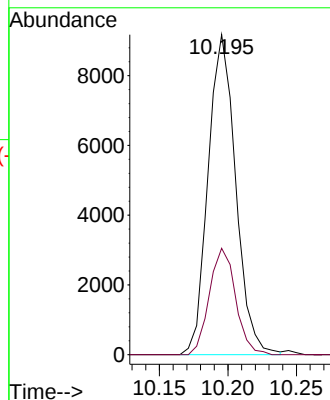
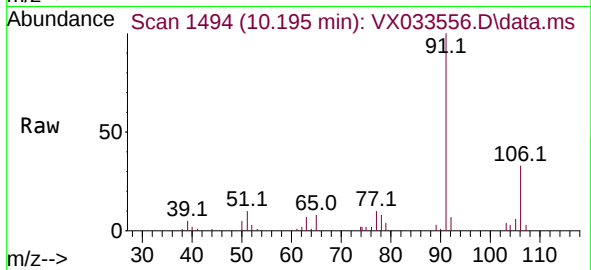




#52
Ethylbenzene
Concen: 2.081 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

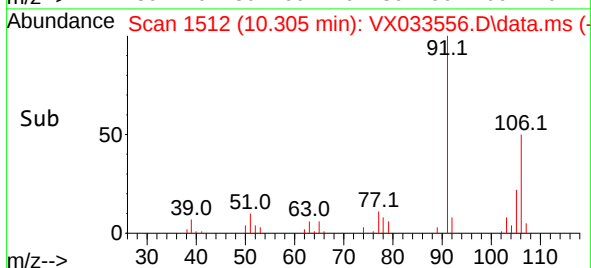
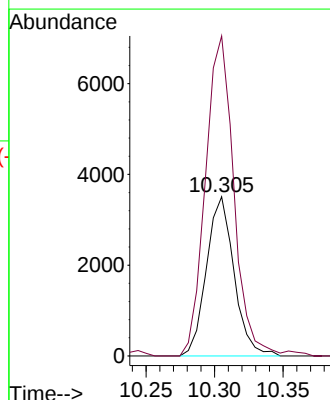
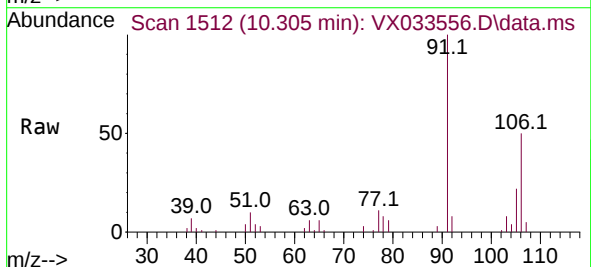
Instrument :
MSVOA_X
ClientSampleId :

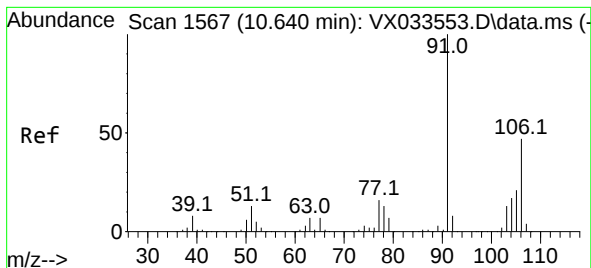
Tgt Ion: 91 Resp: 12865
Ion Ratio Lower Upper
91 100
106 33.3 22.5 41.7



#53
m,p-Xylene
Concen: 1.994 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

Tgt Ion: 106 Resp: 4917
Ion Ratio Lower Upper
106 100
91 201.0 140.4 260.8





#54

o-Xylene

Concen: 1.965 ug/L

RT: 10.647 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX033556.D

Acq: 23 Dec 2022 11:39

Instrument :

MSVOA_X

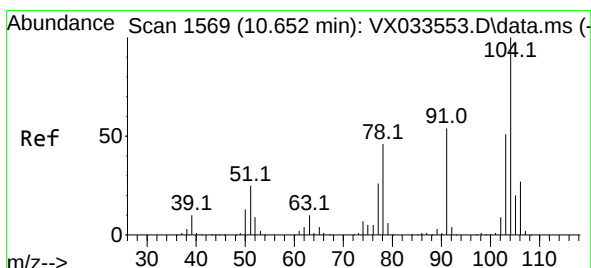
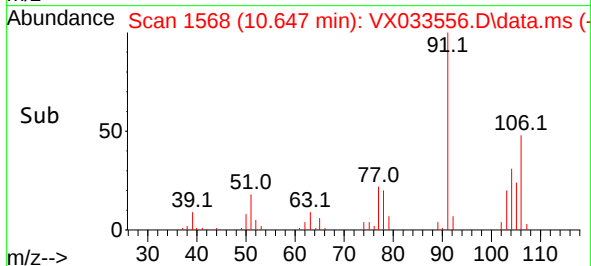
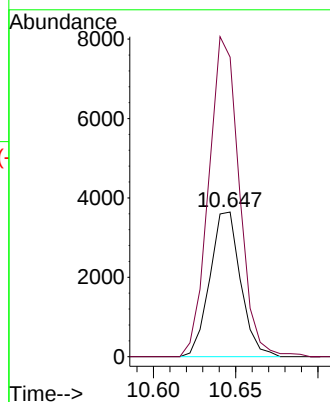
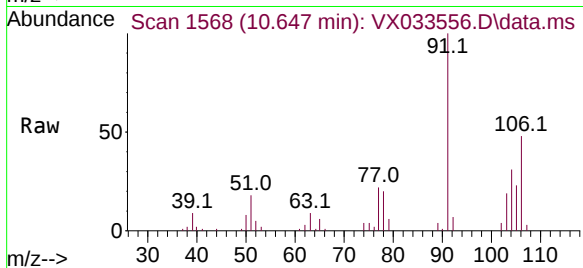
ClientSampleId :

Tgt Ion:106 Resp: 4740

Ion Ratio Lower Upper

106 100

91 207.1 150.6 279.6



#55

Styrene

Concen: 1.926 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX033556.D

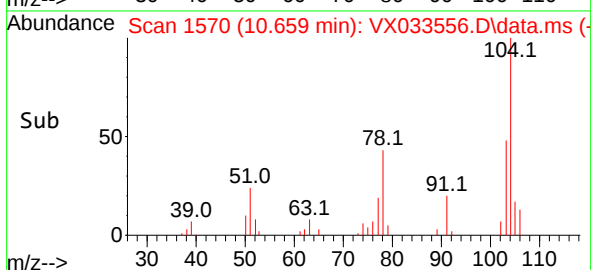
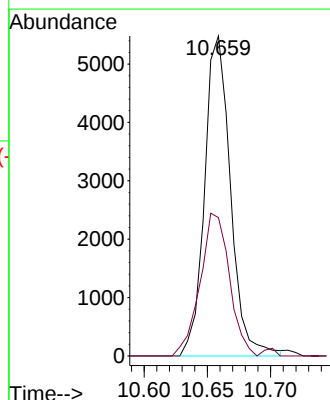
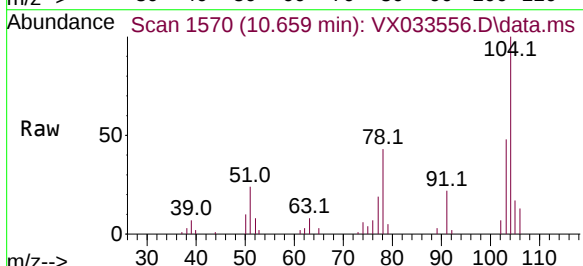
Acq: 23 Dec 2022 11:39

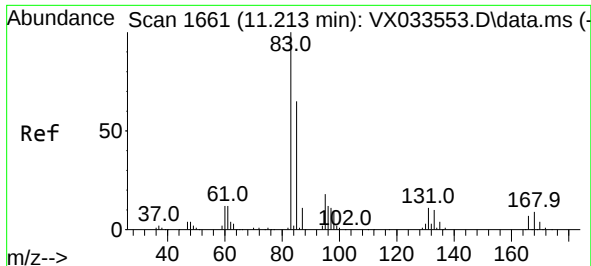
Tgt Ion:104 Resp: 7829

Ion Ratio Lower Upper

104 100

78 43.3 31.7 58.9





#57

1,1,2-Tetrachloroethane

Concen: 2.390 ug/L

RT: 11.214 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033556.D

Acq: 23 Dec 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

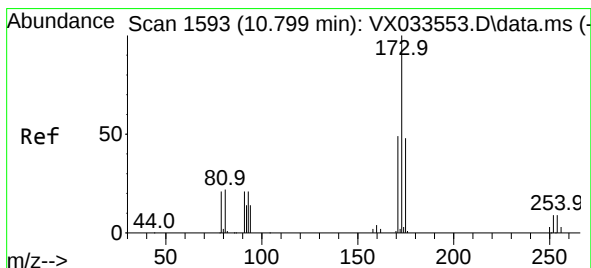
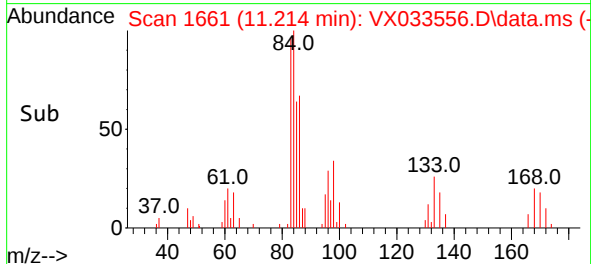
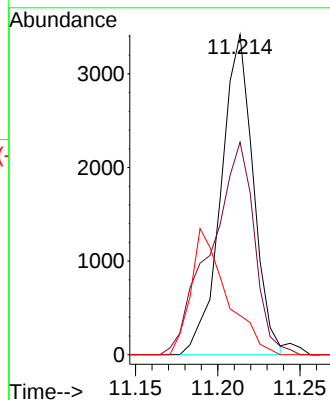
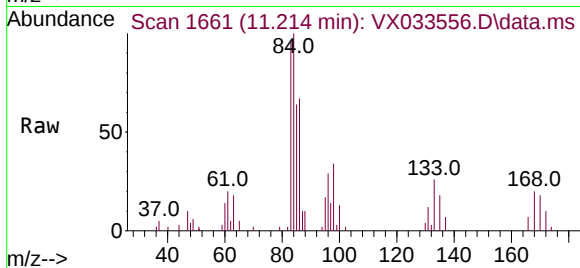
Tgt Ion: 83 Resp: 4659

Ion Ratio Lower Upper

83 100

85 66.4 45.6 84.8

131 12.2 8.4 12.6



#59

Bromoform

Concen: 2.137 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX033556.D

Acq: 23 Dec 2022 11:39

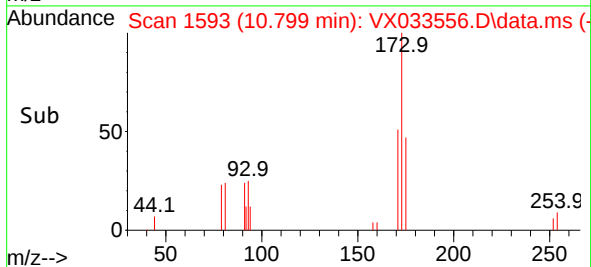
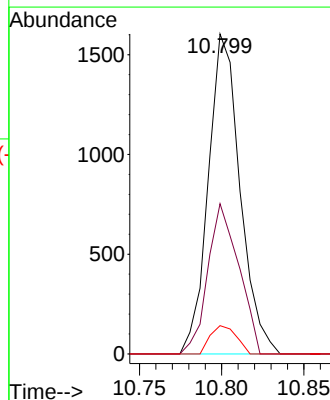
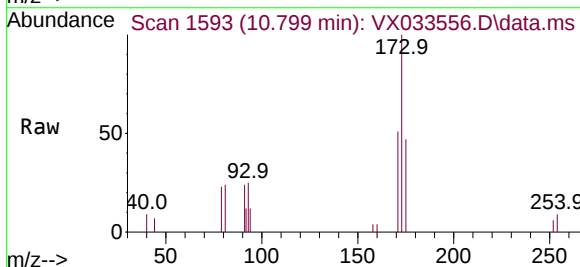
Tgt Ion:173 Resp: 2157

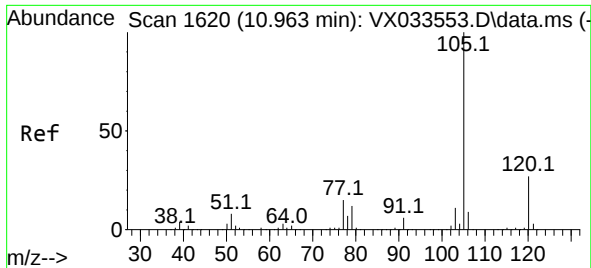
Ion Ratio Lower Upper

173 100

175 45.8 38.9 58.3

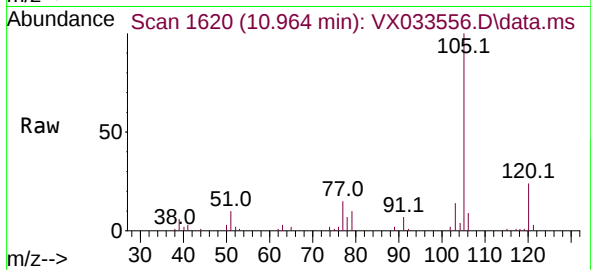
254 7.2 7.2 10.8



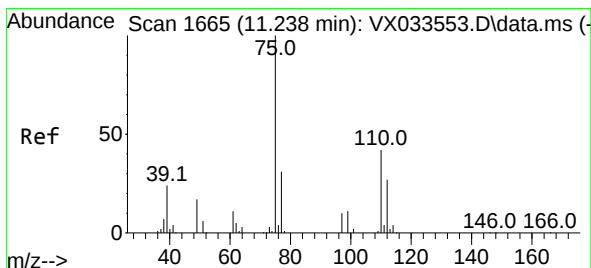
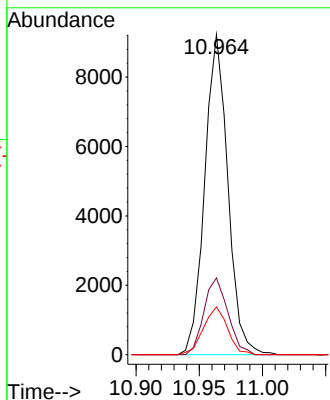
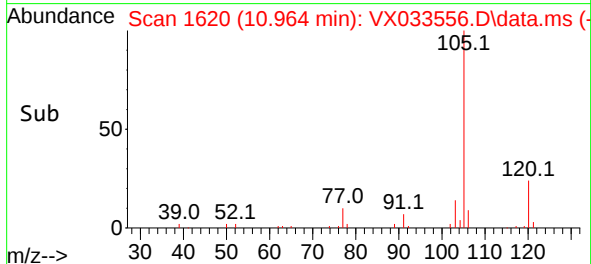


#60
Isopropylbenzene
Concen: 2.047 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

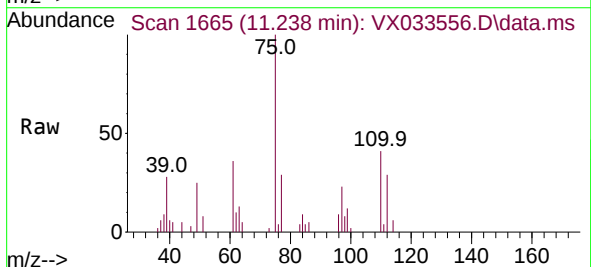
Instrument :
MSVOA_X
ClientSampleId :



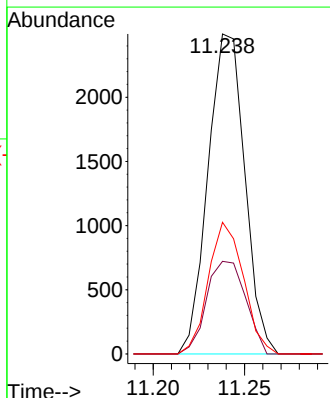
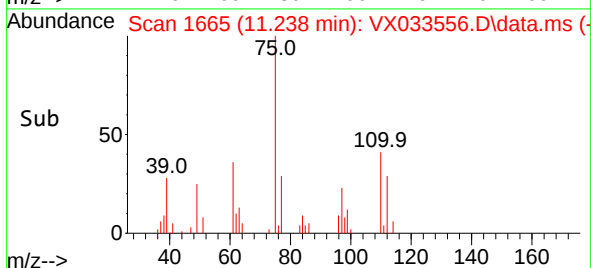
Tgt Ion:105 Resp: 11729
Ion Ratio Lower Upper
105 100
120 24.9 21.6 32.4
77 15.5 11.7 17.5

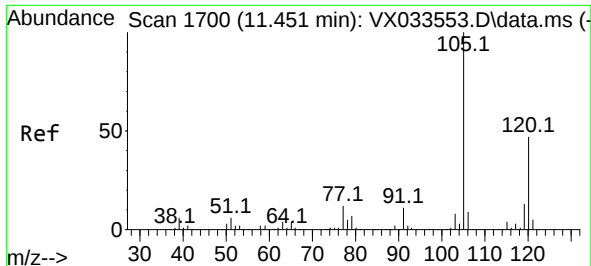


#61
1,2,3-Trichloropropane
Concen: 2.560 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39



Tgt Ion: 75 Resp: 3494
Ion Ratio Lower Upper
75 100
77 30.9 26.0 39.0
110 39.2 33.6 50.4





#62

1,3,5-Trimethylbenzene

Concen: 2.051 ug/L

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033556.D

Acq: 23 Dec 2022 11:39

Instrument :

MSVOA_X

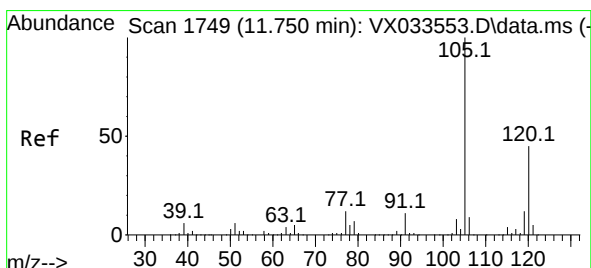
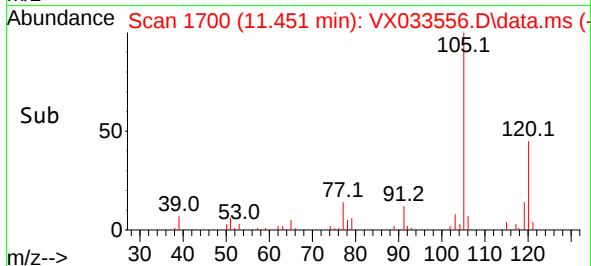
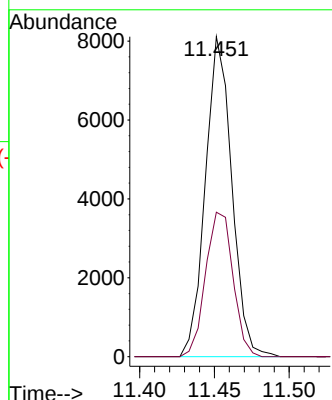
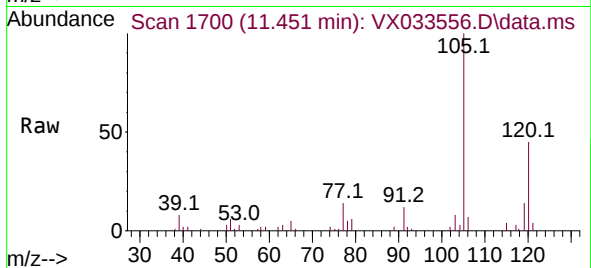
ClientSampleId :

Tgt Ion:105 Resp: 9982

Ion Ratio Lower Upper

105 100

120 46.8 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 1.996 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX033556.D

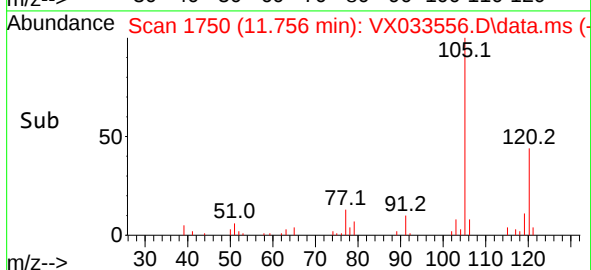
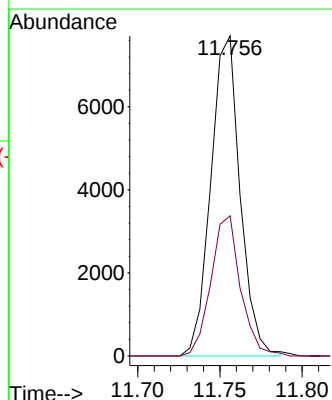
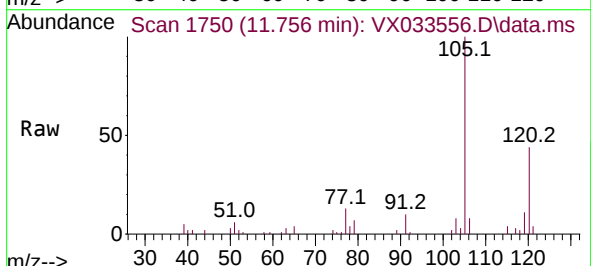
Acq: 23 Dec 2022 11:39

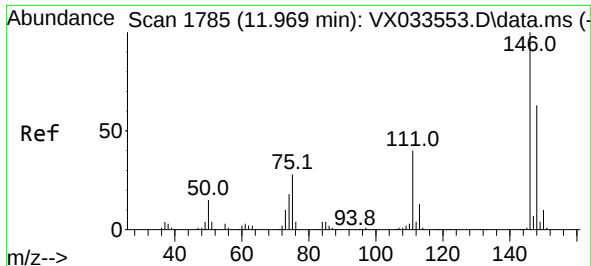
Tgt Ion:105 Resp: 9551

Ion Ratio Lower Upper

105 100

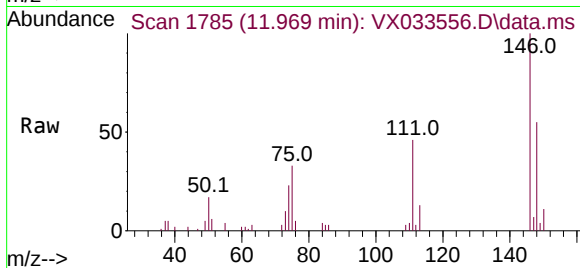
120 44.2 35.8 53.6



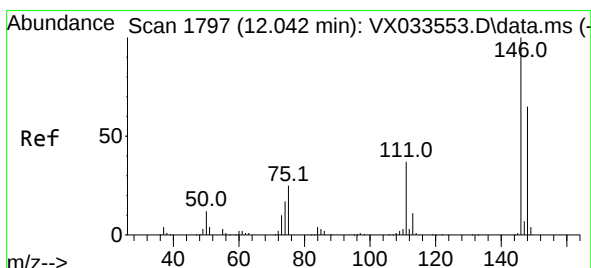
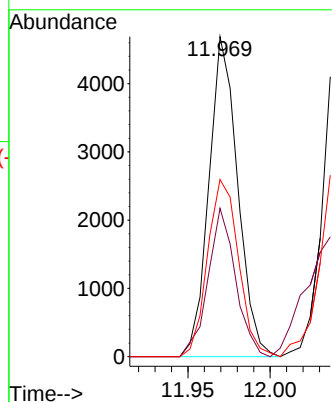
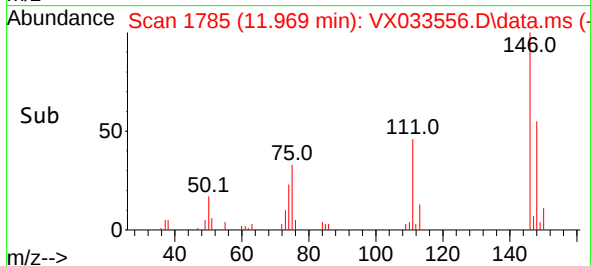


#64
1,3-Dichlorobenzene
Concen: 2.180 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

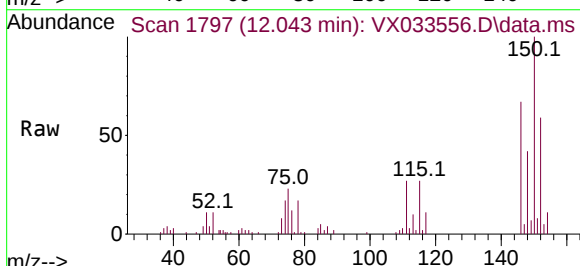
Instrument :
MSVOA_X
ClientSampleId :



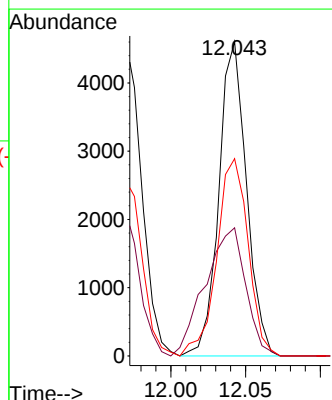
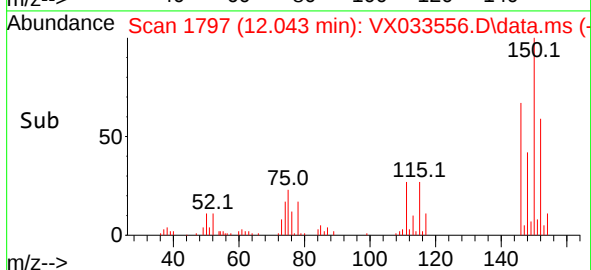
Tgt Ion:146 Resp: 5707
Ion Ratio Lower Upper
146 100
111 46.3 27.6 51.2
148 55.3 45.3 84.1

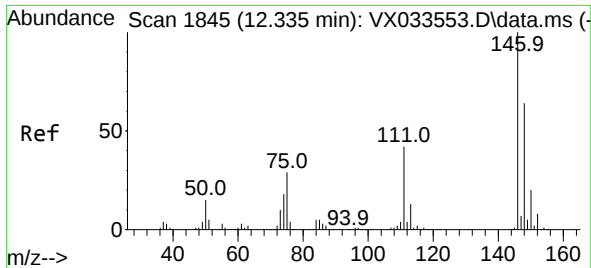


#65
1,4-Dichlorobenzene
Concen: 2.232 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39



Tgt Ion:146 Resp: 5910
Ion Ratio Lower Upper
146 100
111 40.8 25.8 47.8
148 62.8 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 2.318 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX033556.D

Acq: 23 Dec 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

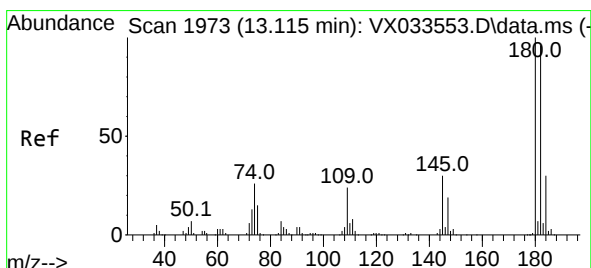
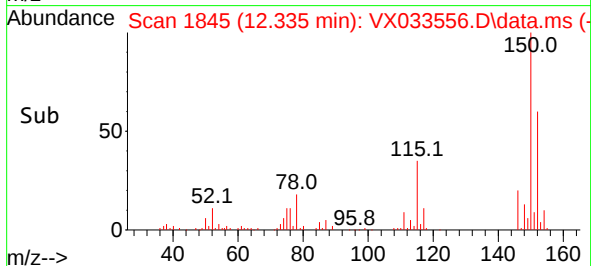
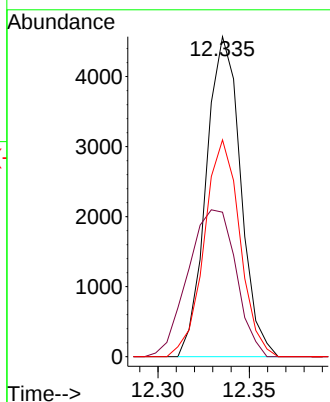
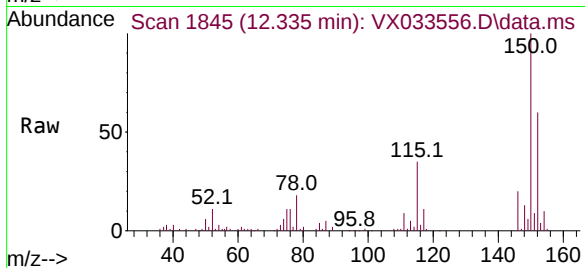
Tgt Ion:146 Resp: 5988

Ion Ratio Lower Upper

146 100

111 45.1 33.2 49.8

148 67.7 51.9 77.9



#69

1,3,5-Trichlorobenzene

Concen: 2.090 ug/L

RT: 13.116 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VX033556.D

Acq: 23 Dec 2022 11:39

Tgt Ion:180 Resp: 3660

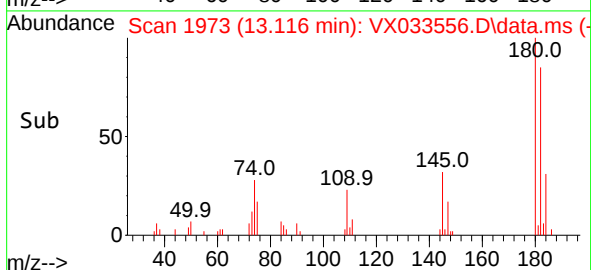
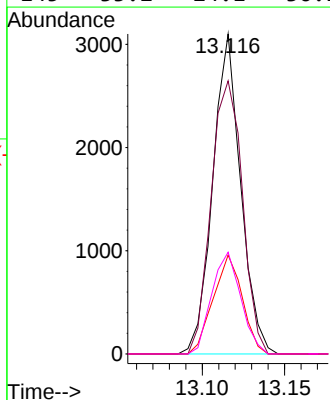
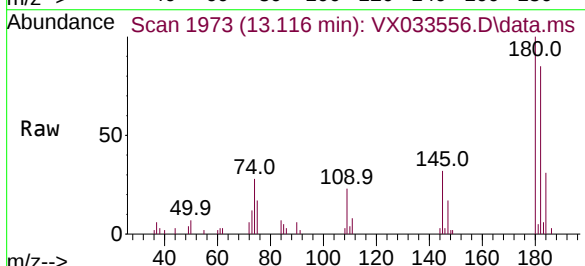
Ion Ratio Lower Upper

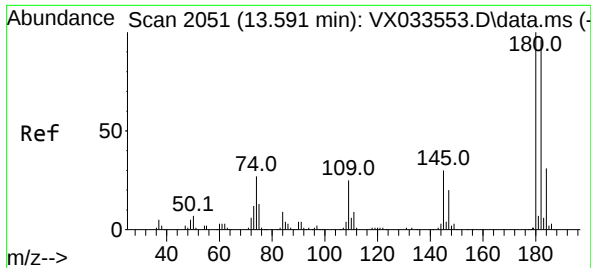
180 100

182 95.4 75.0 112.6

184 32.2 24.0 36.0

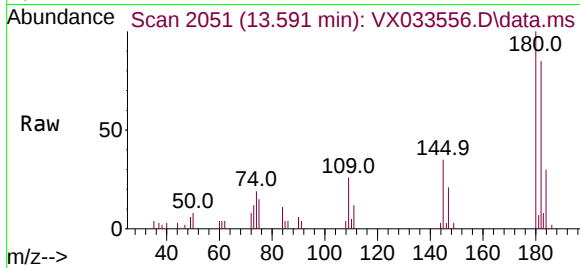
145 33.2 24.1 36.1



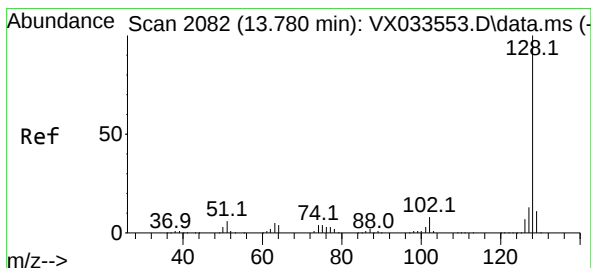
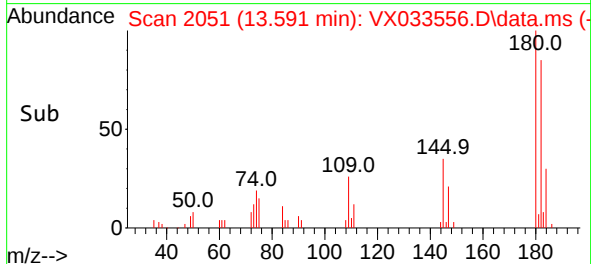
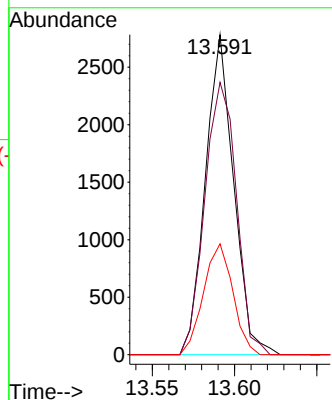


#70
1,2,4-trichlorobenzene
Concen: 2.097 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

Instrument :
MSVOA_X
ClientSampleId :

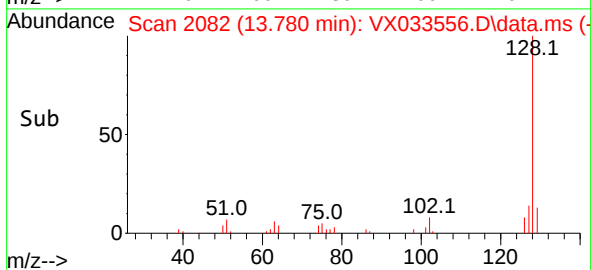
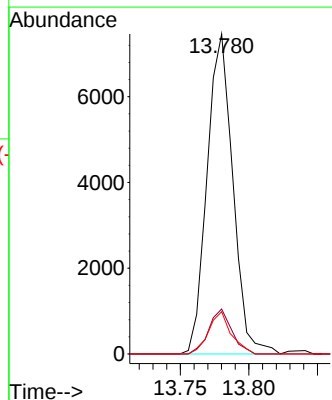
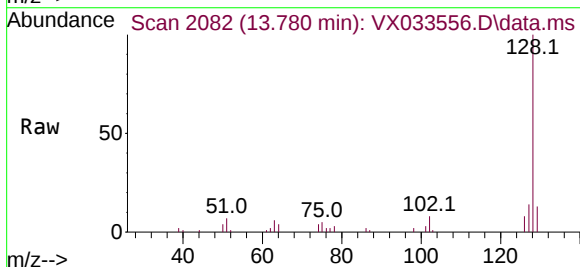


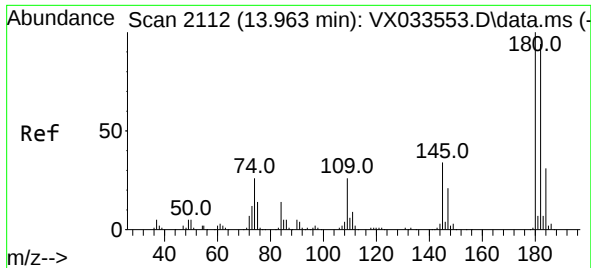
Tgt Ion:180 Resp: 3327
Ion Ratio Lower Upper
180 100
182 95.1 76.6 115.0
145 35.9 25.2 37.8



#71
Naphthalene
Concen: 1.885 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

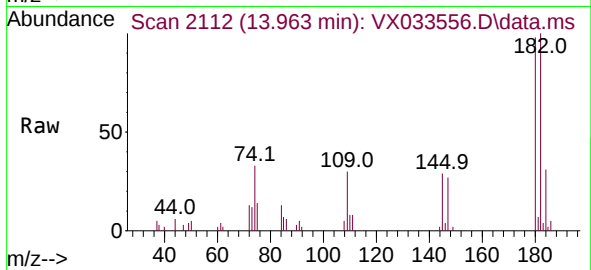
Tgt Ion:128 Resp: 9771
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 11.5 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 2.099 ug/L
 RT: 13.963 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX033556.D
 Acq: 23 Dec 2022 11:39

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	3323
Ion	Ratio	Lower	Upper
180	100		
182	97.6	76.4	114.6
145	32.4	26.2	39.4

