

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122222\
 Data File : VX033544.D
 Acq On : 22 Dec 2022 14:50
 Operator : JC/MD
 Sample : VSTD20005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 23 04:33:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 23 04:30:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	258135	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	233412	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	120524	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	290024	211.210	ug/L	0.00
7) Chloroethane-d5	1.672	69	265066	246.824	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	496243	226.351	ug/L	0.00
21) 2-Butanone-d5	4.458	46	432843	433.945	ug/L	0.00
24) Chloroform-d	5.056	84	713223	209.512	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	422146	200.003	ug/L	0.00
32) Benzene-d6	5.977	84	1386331	207.968	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	410253	210.652	ug/L	0.00
41) Toluene-d8	8.653	98	1347036	208.204	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	217667	231.189	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	346602	434.129	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	550264	206.056	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	525832	210.322	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	114766	184.206	ug/L	98
3) Chloromethane	1.294	50	150521	192.423	ug/L	99
5) Vinyl chloride	1.374	62	200653	194.121	ug/L	98
6) Bromomethane	1.618	94	133492	217.085	ug/L	97
8) Chloroethane	1.691	64	151946	220.954	ug/L	97
9) Trichlorofluoromethane	1.886	101	318076	185.935	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	247775	227.645	ug/L	99
12) 1,1-Dichloroethene	2.319	96	210843	215.425	ug/L	94
13) Acetone	2.392	43	259756	405.416	ug/L	95
14) Carbon disulfide	2.514	76	638296	214.322	ug/L	100
15) Methyl Acetate	2.703	43	247161	192.938	ug/L	100
16) Methylene chloride	2.788	84	273504	186.667	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	279774	192.984	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	887083	193.063	ug/L	100
19) 1,1-Dichloroethane	3.611	63	483699	192.235	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	326869	192.376	ug/L	98
22) 2-Butanone	4.562	43	377948	358.166	ug/L	98
23) Bromochloromethane	4.904	128	167288	183.929	ug/L	95
25) Chloroform	5.093	83	553693	189.378	ug/L	99
27) 1,2-Dichloroethane	6.086	62	414543	185.873	ug/L	99
29) Cyclohexane	5.477	56	430879	188.885	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	516964	190.445	ug/L	99
31) Carbon tetrachloride	5.678	117	463039	192.213	ug/L	99
33) Benzene	6.044	78	1154836	186.169	ug/L	100
34) Trichloroethene	7.129	95	326371	188.684	ug/L	98
35) Methylcyclohexane	7.385	83	484415	191.090	ug/L	100
37) 1,2-Dichloropropane	7.434	63	286359	187.201	ug/L	100
38) Bromodichloromethane	7.824	83	433106	191.855	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	492978	198.347	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	713449	376.603	ug/L	98
42) Toluene	8.720	91	1314466	187.482	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	483508	207.198	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122222\
 Data File : VX033544.D
 Acq On : 22 Dec 2022 14:50
 Operator : JC/MD
 Sample : VSTD20005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

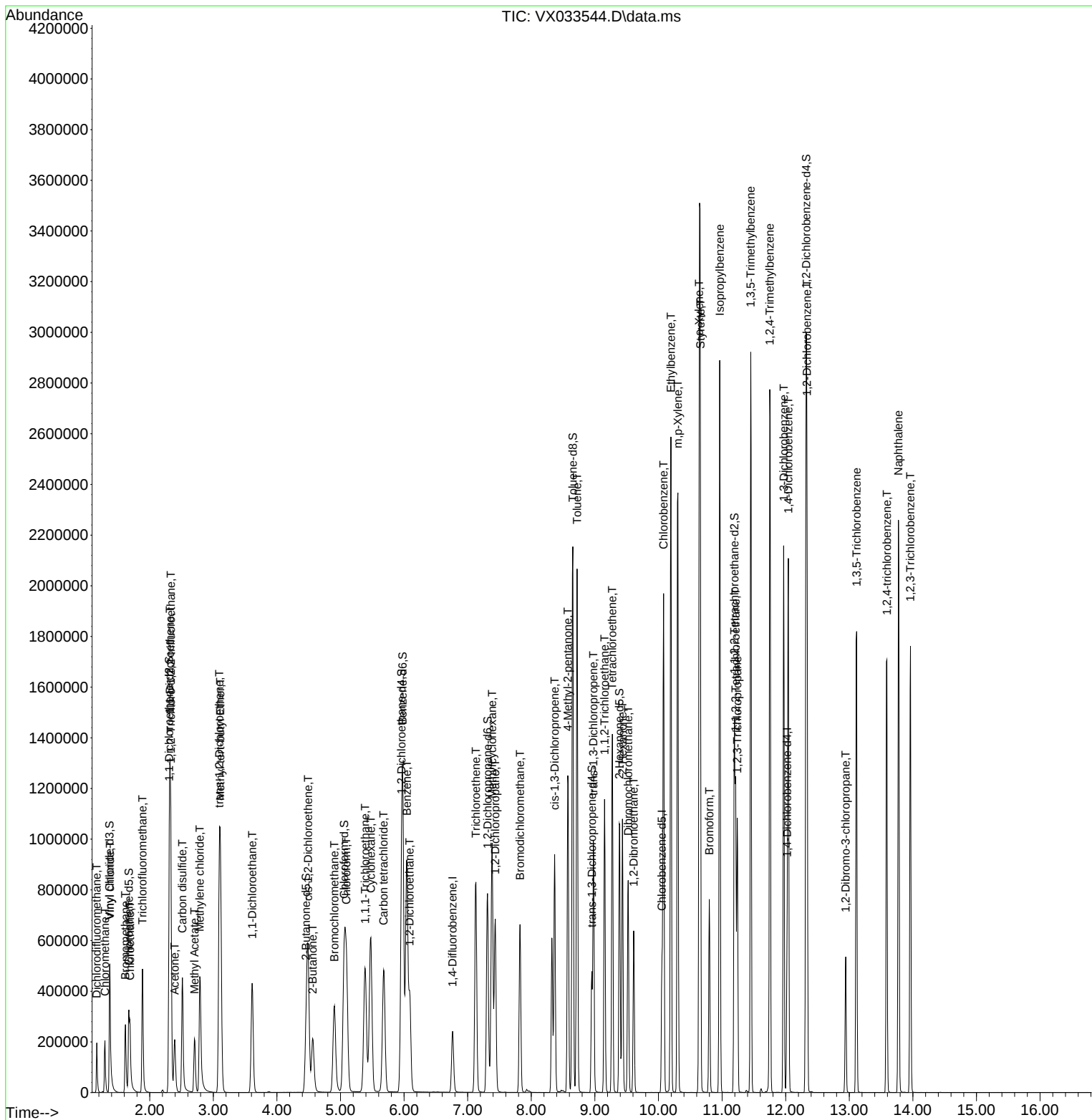
Instrument :
 MSVOA_X
 ClientSampleId :

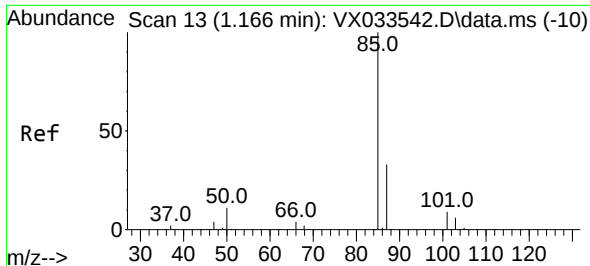
Quant Time: Dec 23 04:33:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 23 04:30:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	312671	188.828	ug/L	99
46) Tetrachloroethene	9.275	164	274377	187.944	ug/L	98
48) 2-Hexanone	9.433	43	536129	356.316	ug/L	97
49) Dibromochloromethane	9.525	129	382116	197.609	ug/L	96
50) 1,2-Dibromoethane	9.610	107	344026	192.468	ug/L	99
51) Chlorobenzene	10.079	112	877938	188.705	ug/L	99
52) Ethylbenzene	10.195	91	1459589	190.028	ug/L	98
53) m,p-Xylene	10.305	106	590146	192.633	ug/L	96
54) o-Xylene	10.640	106	577955	192.893	ug/L	98
55) Styrene	10.659	104	990662	196.185	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	450429	186.028	ug/L	99
59) Bromoform	10.799	173	284148	202.469	ug/L	100
60) Isopropylbenzene	10.963	105	1498596	188.045	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	339678	178.936	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	1292863	190.976	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	1270714	190.917	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	690959	189.821	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	693882	188.446	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	670904	186.764	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	101746	199.377	ug/L	95
69) 1,3,5-Trichlorobenzene	13.115	180	472626	194.048	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	440458	199.651	ug/L	100
71) Naphthalene	13.774	128	1455171	201.885	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	432763	196.571	ug/L	99

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

Quant Time: Dec 23 04:33:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML12222WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 23 04:30:49 2022
Response via : Initial Calibration

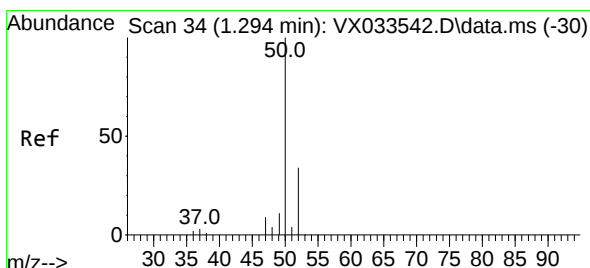
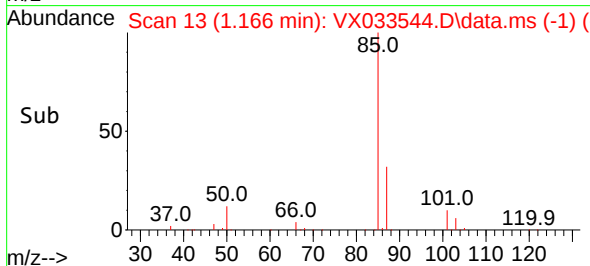
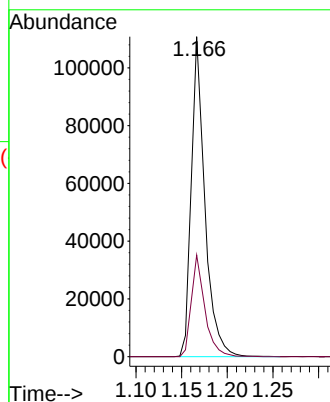
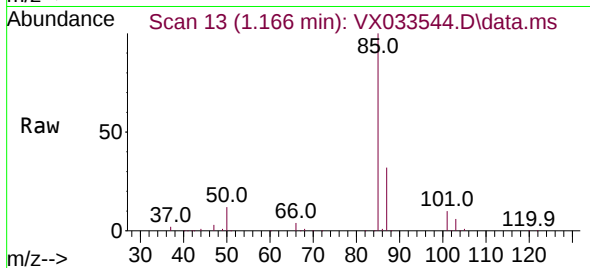




#2
 Dichlorodifluoromethane
 Concen: 184.206 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033544.D
 Acq: 22 Dec 2022 14:50

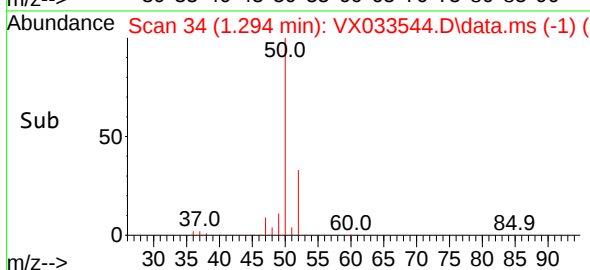
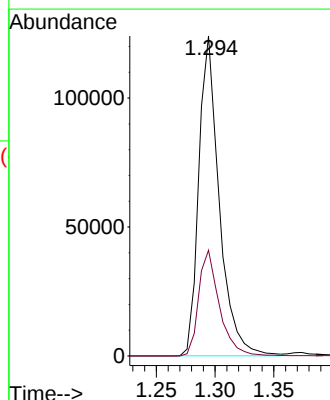
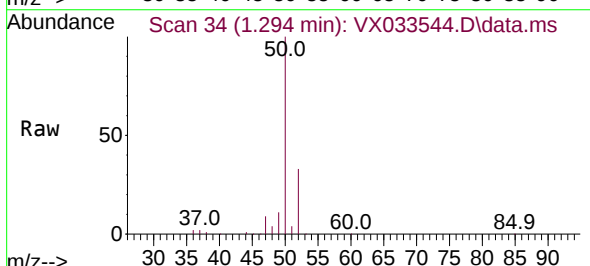
Instrument :
 MSVOA_X
 ClientSampleId :

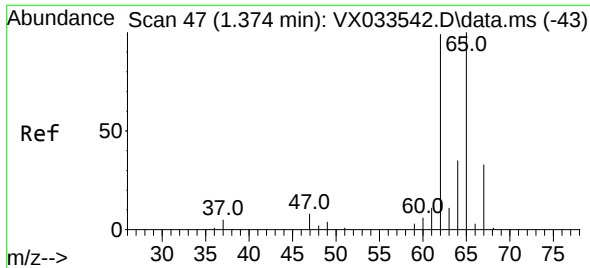
Tgt Ion: 85 Resp: 114766
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.1 39.1



#3
 Chloromethane
 Concen: 192.423 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX033544.D
 Acq: 22 Dec 2022 14:50

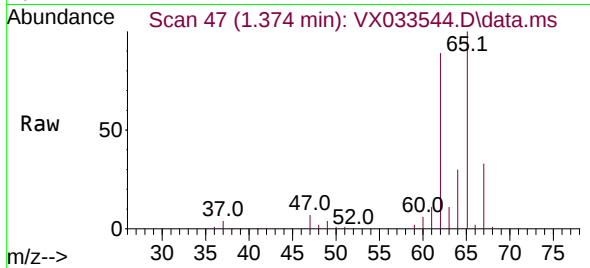
Tgt Ion: 50 Resp: 150521
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.7 43.9



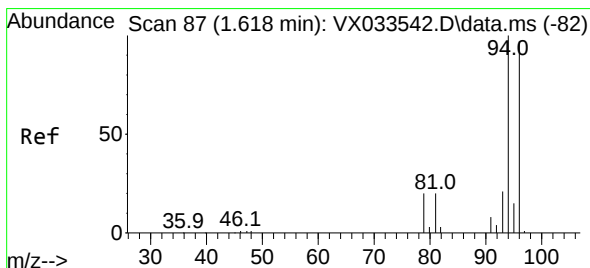
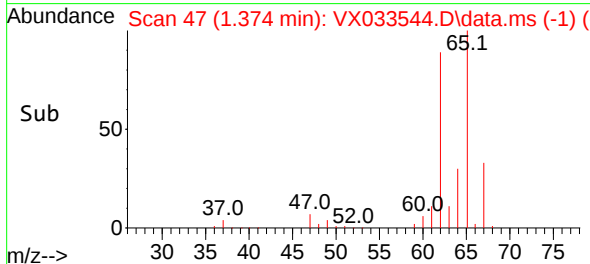
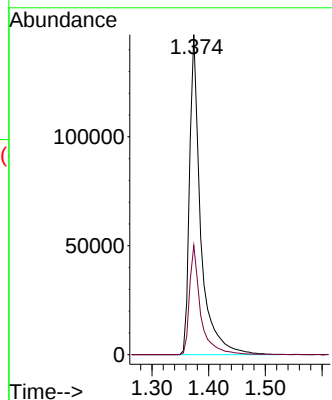


#5
 Vinyl chloride
 Concen: 194.121 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033544.D
 Acq: 22 Dec 2022 14:50

Instrument :
 MSVOA_X
 ClientSampleId :

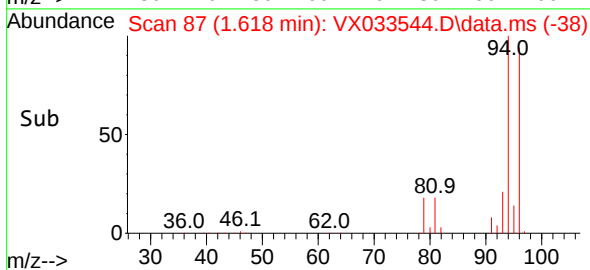
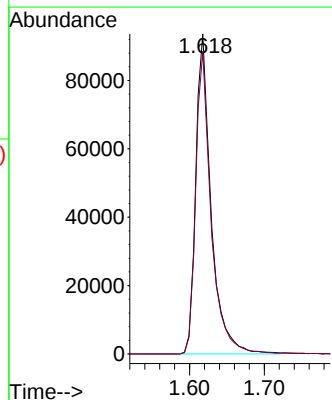
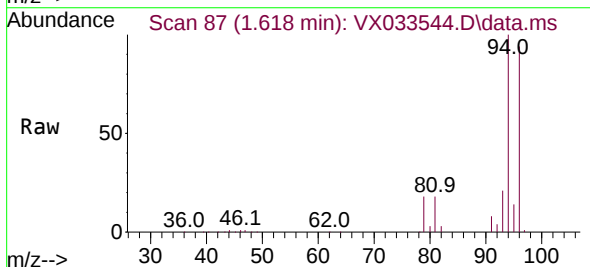


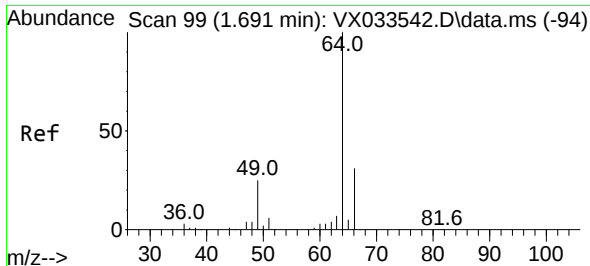
Tgt Ion: 62 Resp: 200653
 Ion Ratio Lower Upper
 62 100
 64 34.2 24.8 46.1



#6
 Bromomethane
 Concen: 217.085 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX033544.D
 Acq: 22 Dec 2022 14:50

Tgt Ion: 94 Resp: 133492
 Ion Ratio Lower Upper
 94 100
 96 94.5 68.0 126.2

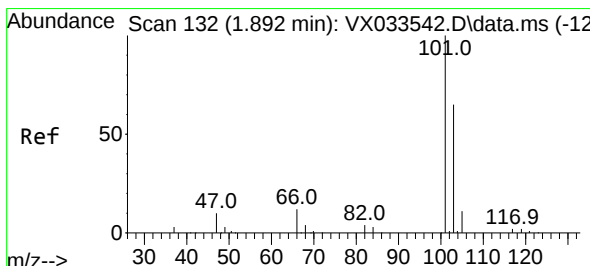
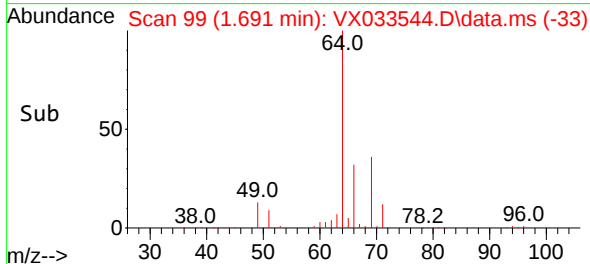
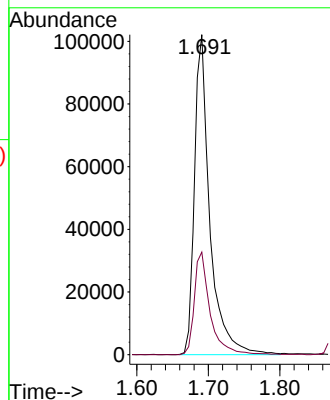
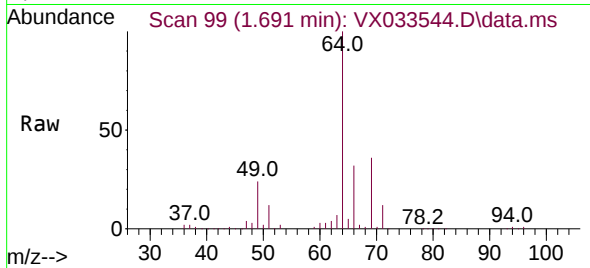




#8
Chloroethane
Concen: 220.954 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033544.D
Acq: 22 Dec 2022 14:50

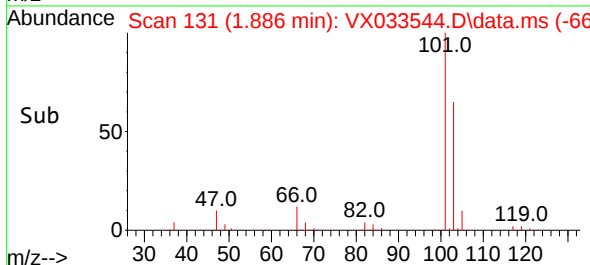
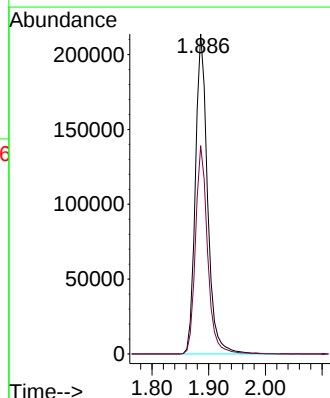
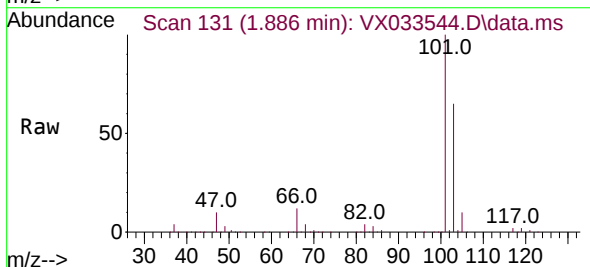
Instrument :
MSVOA_X
ClientSampleId :

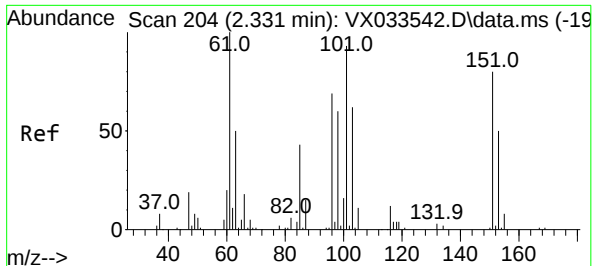
Tgt Ion: 64 Resp: 151946
Ion Ratio Lower Upper
64 100
66 32.0 21.3 39.6



#9
Trichlorofluoromethane
Concen: 185.935 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX033544.D
Acq: 22 Dec 2022 14:50

Tgt Ion:101 Resp: 318076
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.6





#10

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

Concen: 227.645 ug/L

RT: 2.331 min Scan# 204

Delta R.T. 0.000 min

Lab File: VX033544.D

Acq: 22 Dec 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

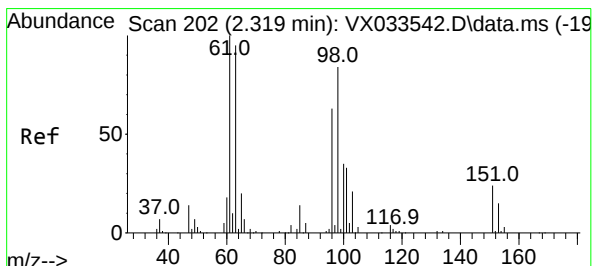
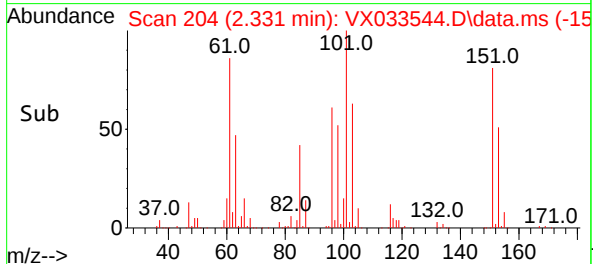
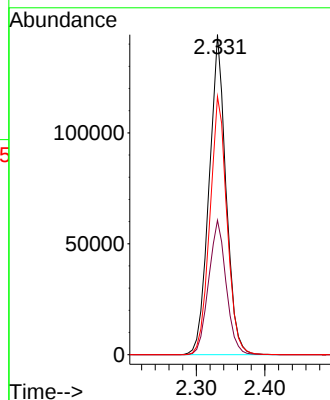
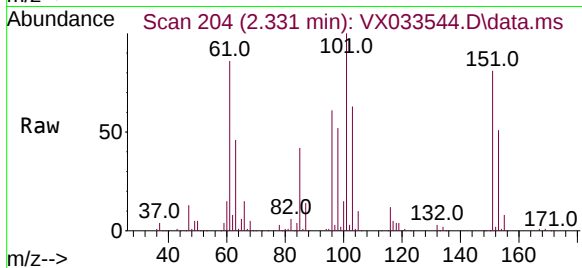
Tgt Ion:101 Resp: 247775

Ion Ratio Lower Upper

101 100

85 43.3 35.0 52.6

151 81.5 65.7 98.5



#12

1,1-Dichloroethene

Concen: 215.425 ug/L

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX033544.D

Acq: 22 Dec 2022 14:50

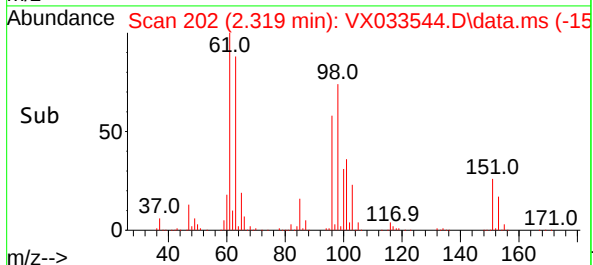
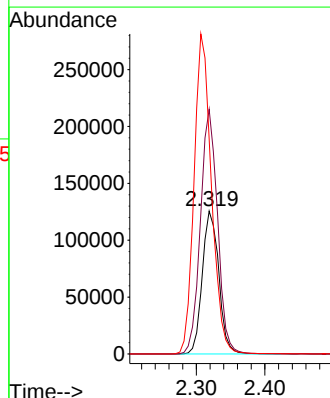
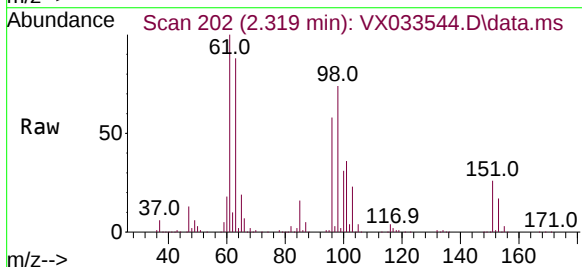
Tgt Ion: 96 Resp: 210843

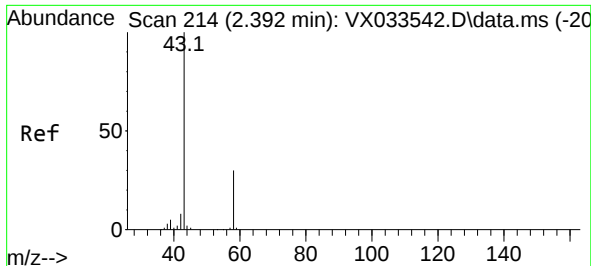
Ion Ratio Lower Upper

96 100

61 171.1 111.6 207.2

63 150.5 108.6 201.6





#13

Acetone

Concen: 405.416 ug/L

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX033544.D

Acq: 22 Dec 2022 14:50

Instrument :

MSVOA_X

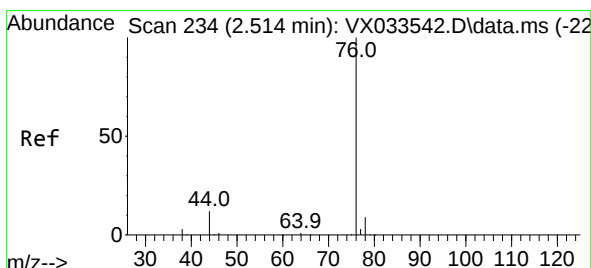
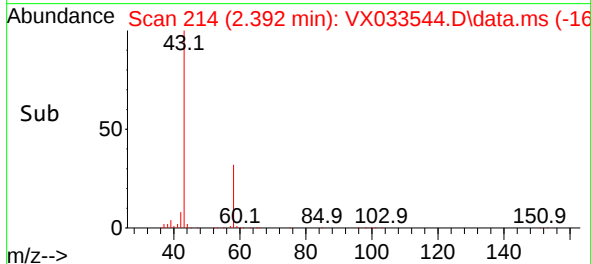
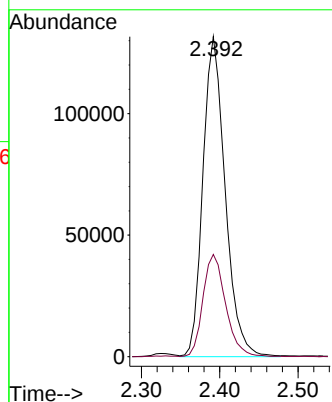
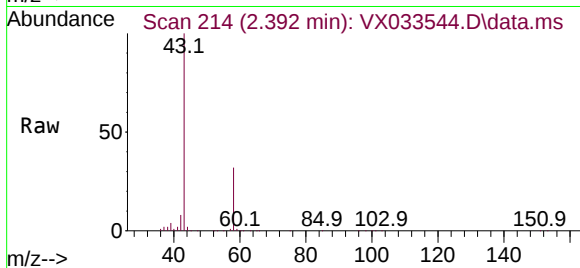
ClientSampleId :

Tgt Ion: 43 Resp: 259756

Ion Ratio Lower Upper

43 100

58 32.5 0.0 60.0



#14

Carbon disulfide

Concen: 214.322 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX033544.D

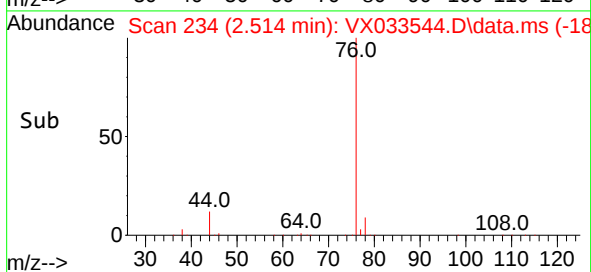
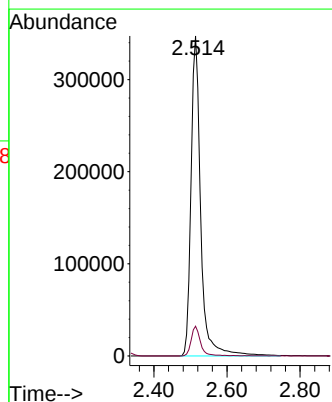
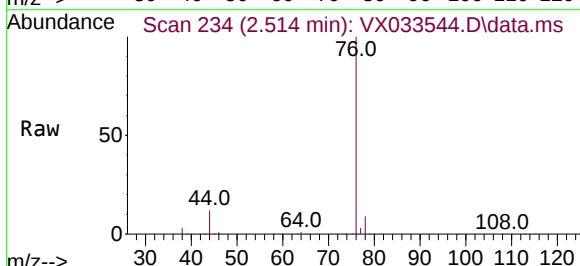
Acq: 22 Dec 2022 14:50

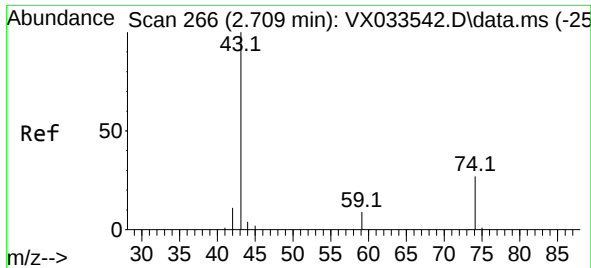
Tgt Ion: 76 Resp: 638296

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

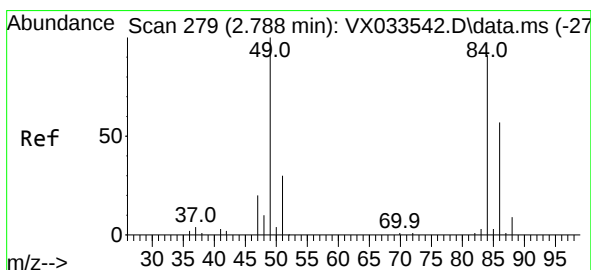
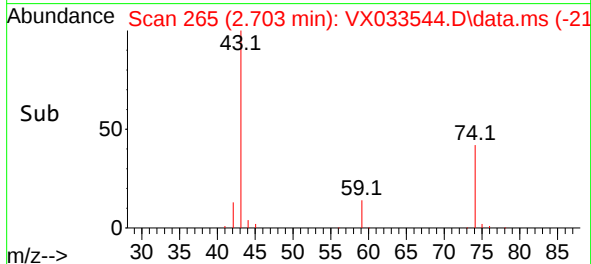
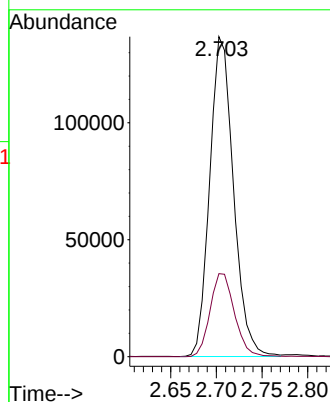
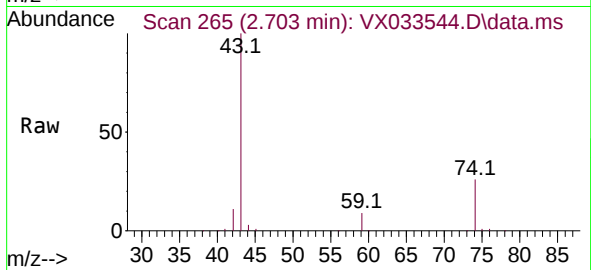




#15
Methyl Acetate
Concen: 192.938 ug/L
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033544.D
Acq: 22 Dec 2022 14:50

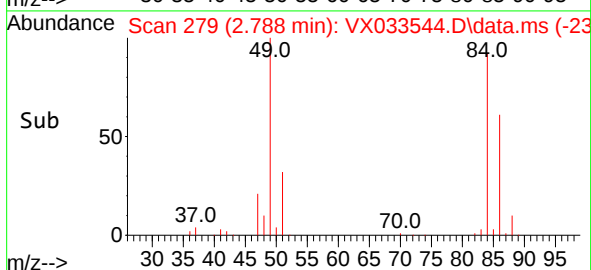
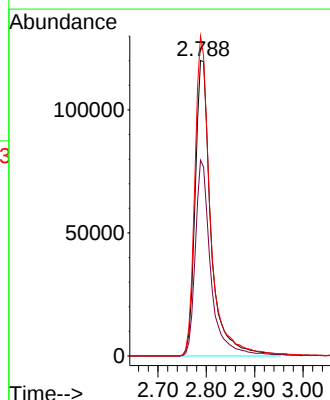
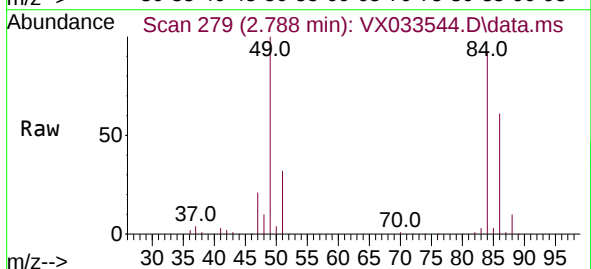
Instrument :
MSVOA_X
ClientSampleId :

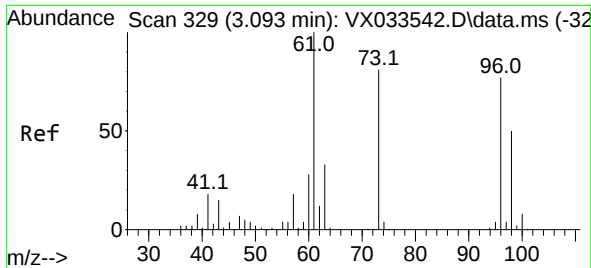
Tgt Ion: 43 Resp: 247161
Ion Ratio Lower Upper
43 100
74 26.6 21.4 32.0



#16
Methylene chloride
Concen: 186.667 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033544.D
Acq: 22 Dec 2022 14:50

Tgt Ion: 84 Resp: 273504
Ion Ratio Lower Upper
84 100
86 66.3 44.0 81.6
49 108.3 77.2 143.4

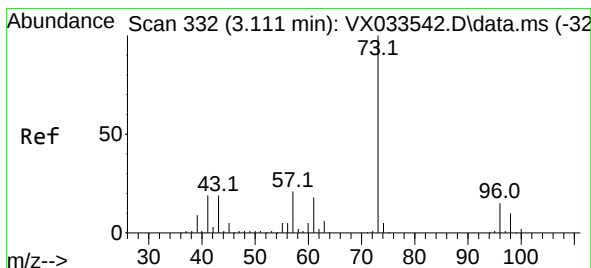
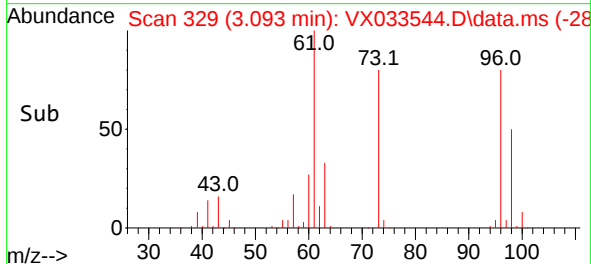
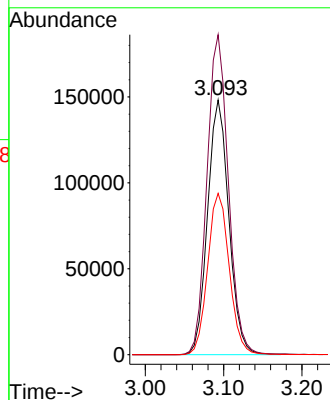
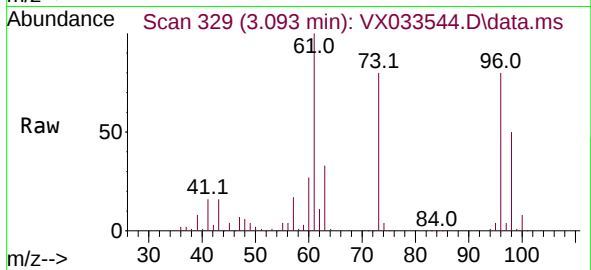




#17
trans-1,2-Dichloroethene
Concen: 192.984 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033544.D
Acq: 22 Dec 2022 14:50

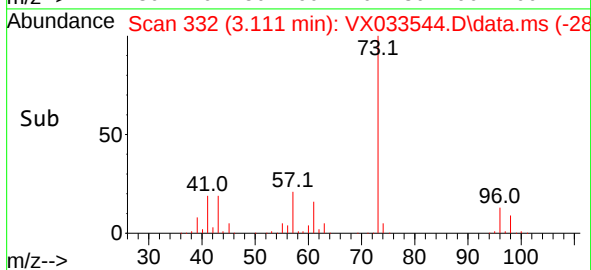
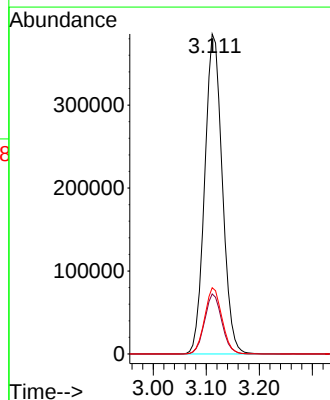
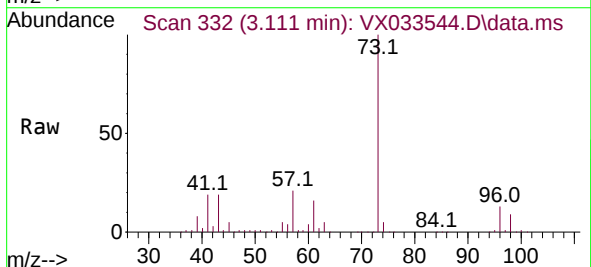
Instrument :
MSVOA_X
ClientSampleId :

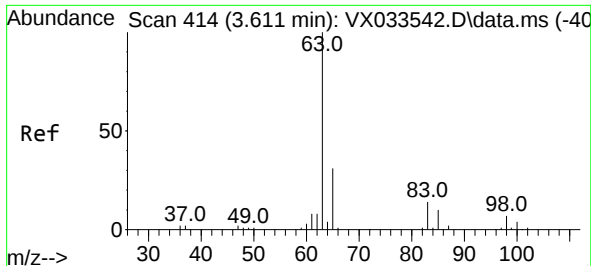
Tgt Ion: 96 Resp: 279774
Ion Ratio Lower Upper
96 100
61 125.6 90.6 168.2
98 63.3 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 193.063 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033544.D
Acq: 22 Dec 2022 14:50

Tgt Ion: 73 Resp: 887083
Ion Ratio Lower Upper
73 100
43 18.4 14.7 22.1
57 20.4 16.4 24.6





#19

1,1-Dichloroethane

Concen: 192.235 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX033544.D

Acq: 22 Dec 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

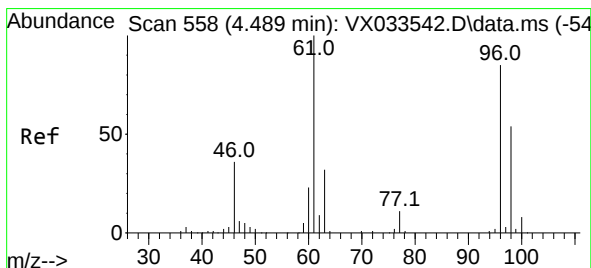
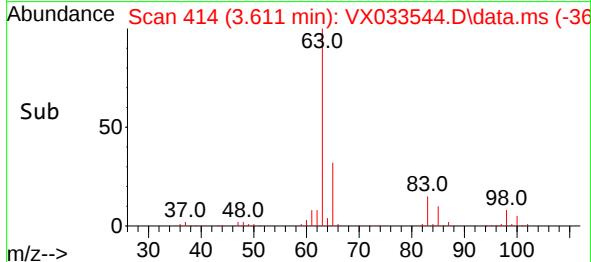
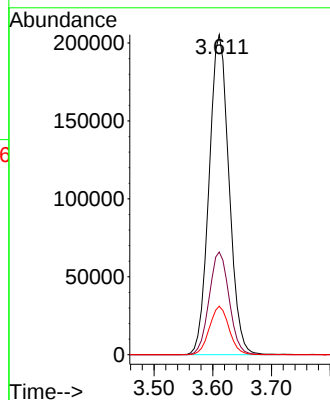
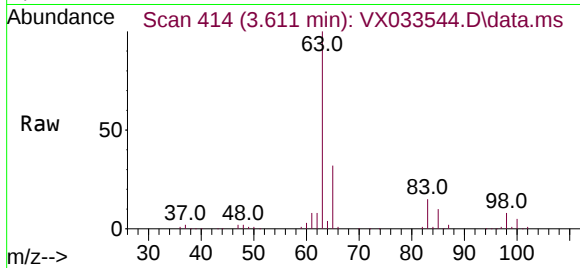
Tgt Ion: 63 Resp: 483699

Ion Ratio Lower Upper

63 100

65 32.1 21.8 40.6

83 15.1 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 192.376 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX033544.D

Acq: 22 Dec 2022 14:50

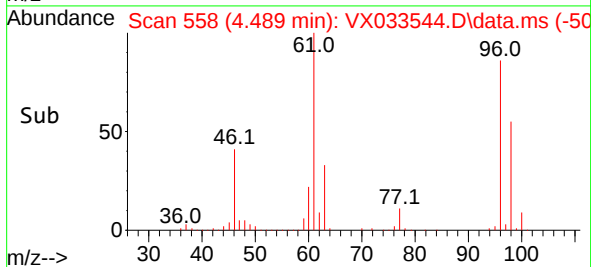
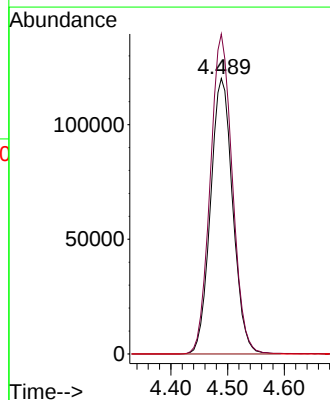
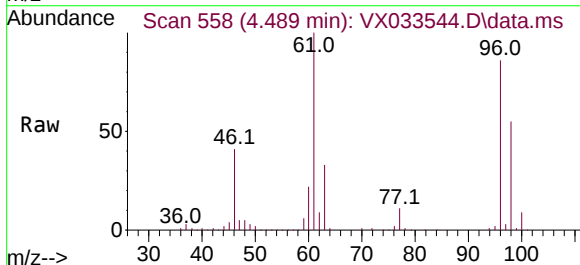
Tgt Ion: 96 Resp: 326869

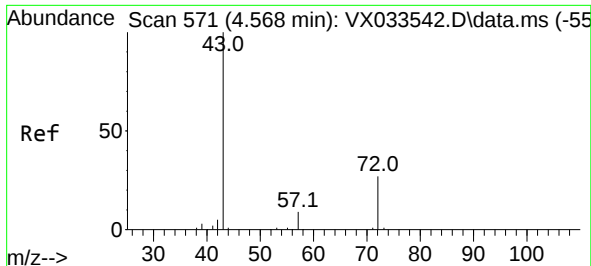
Ion Ratio Lower Upper

96 100

61 116.2 82.7 153.7

68 0.0 0.0 0.0

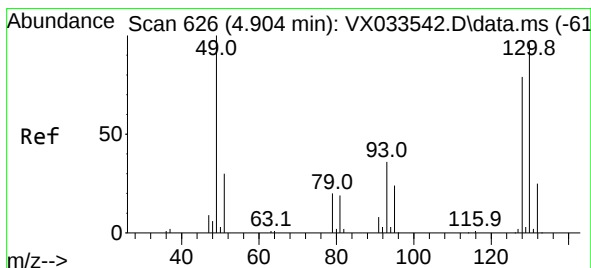
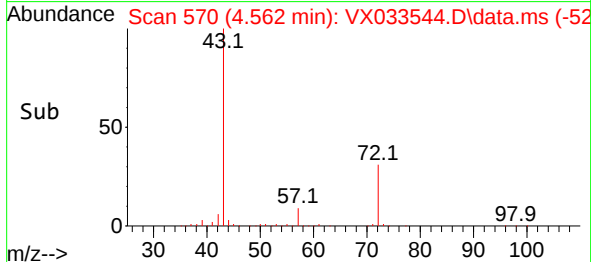
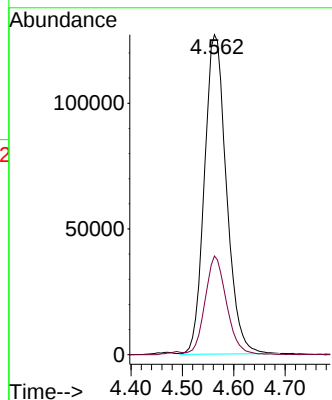
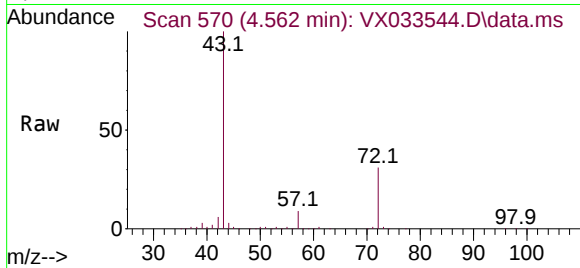




#22
2-Butanone
Concen: 358.166 ug/L
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX033544.D
Acq: 22 Dec 2022 14:50

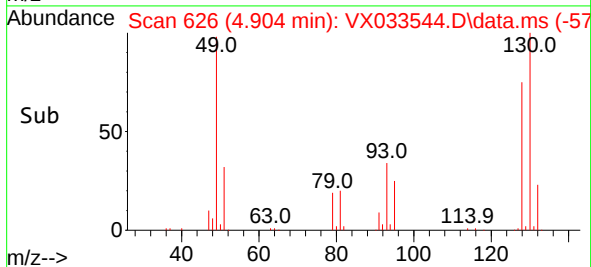
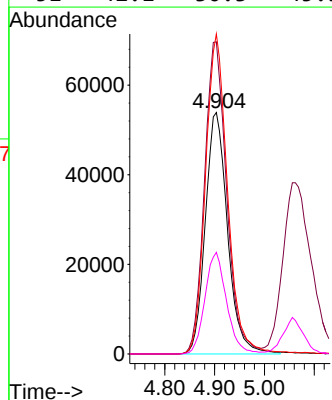
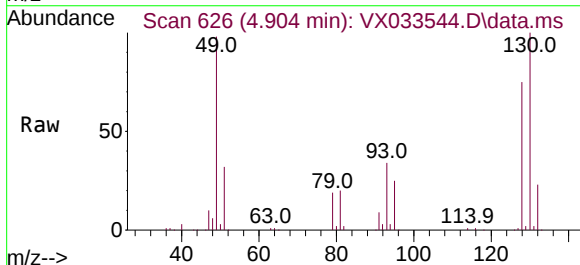
Instrument :
MSVOA_X
ClientSampleId :

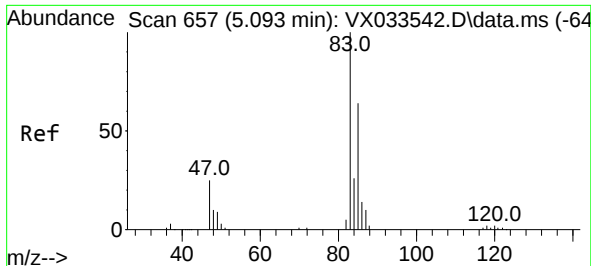
Tgt Ion: 43 Resp: 377948
Ion Ratio Lower Upper
43 100
72 30.1 14.6 44.0



#23
Bromochloromethane
Concen: 183.929 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX033544.D
Acq: 22 Dec 2022 14:50

Tgt Ion:128 Resp: 167288
Ion Ratio Lower Upper
128 100
49 129.3 89.2 165.8
130 132.6 85.8 159.3
51 42.1 30.3 45.5

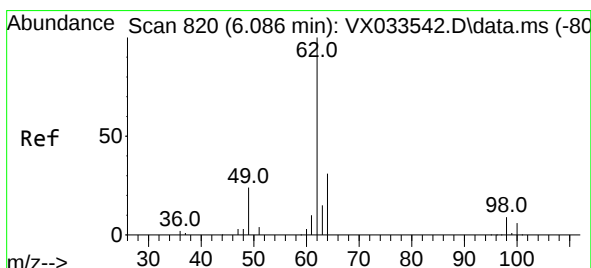
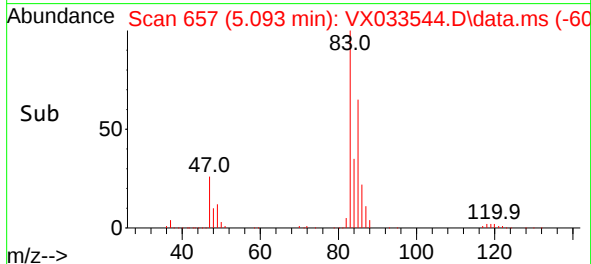
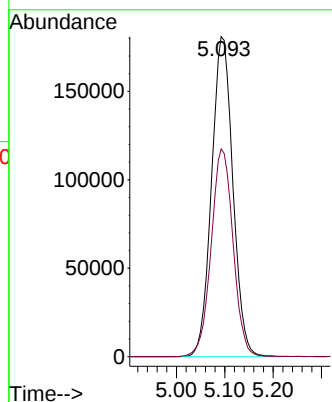
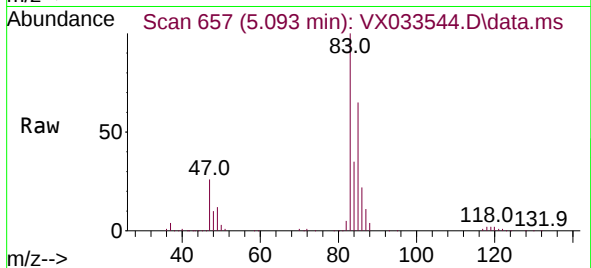




#25
Chloroform
Concen: 189.378 ug/L
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033544.D
Acq: 22 Dec 2022 14:50

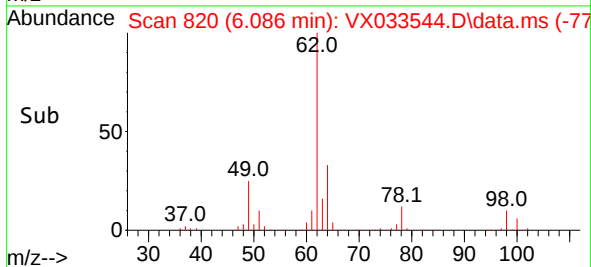
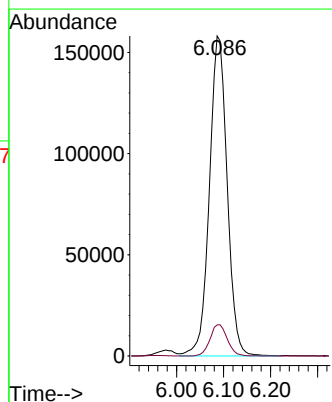
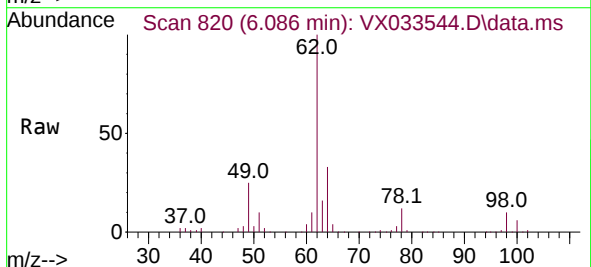
Instrument :
MSVOA_X
ClientSampleId :

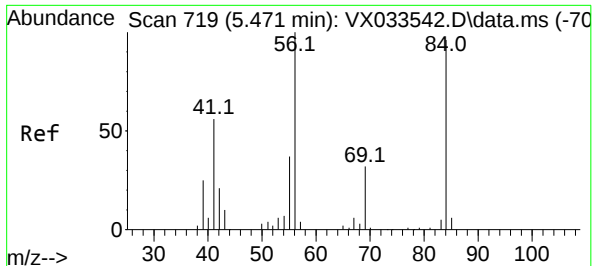
Tgt Ion: 83 Resp: 553693
Ion Ratio Lower Upper
83 100
85 64.9 44.9 83.3



#27
1,2-Dichloroethane
Concen: 185.873 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX033544.D
Acq: 22 Dec 2022 14:50

Tgt Ion: 62 Resp: 414543
Ion Ratio Lower Upper
62 100
98 9.7 7.4 11.0





#29

Cyclohexane

Concen: 188.885 ug/L

RT: 5.477 min Scan# 719

Delta R.T. 0.006 min

Lab File: VX033544.D

Acq: 22 Dec 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

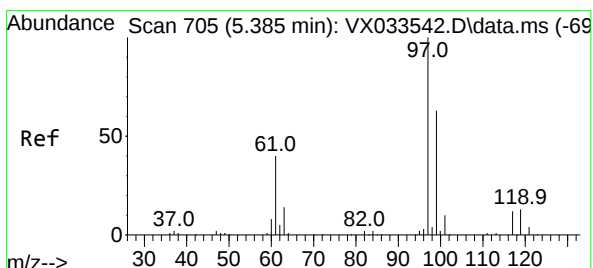
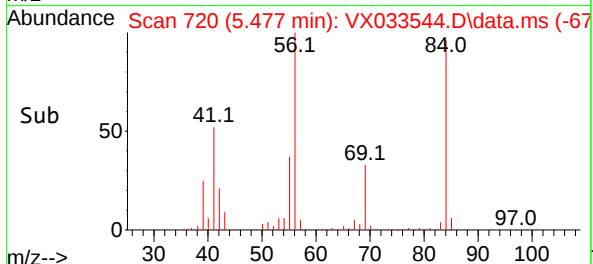
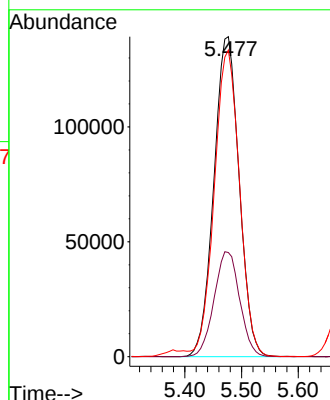
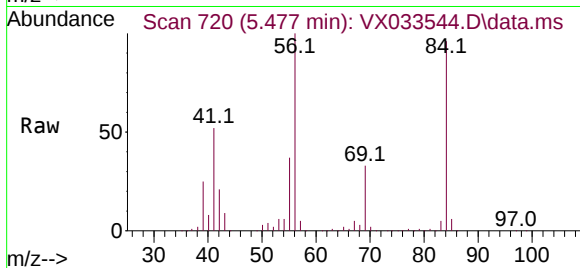
Tgt Ion: 56 Resp: 430879

Ion Ratio Lower Upper

56 100

69 33.2 26.3 39.5

84 95.6 75.6 113.4



#30

1,1,1-Trichloroethane

Concen: 190.445 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033544.D

Acq: 22 Dec 2022 14:50

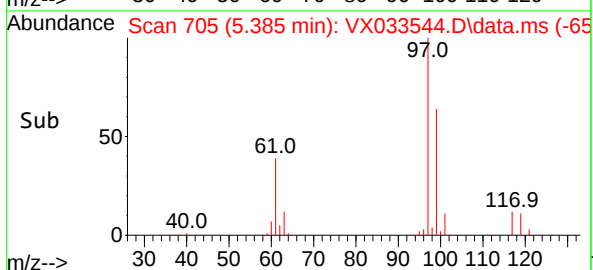
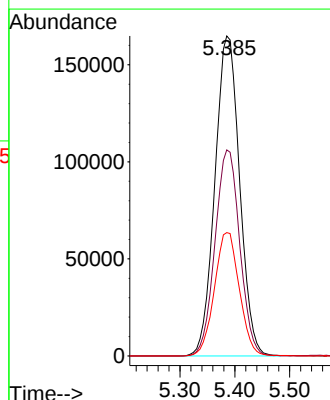
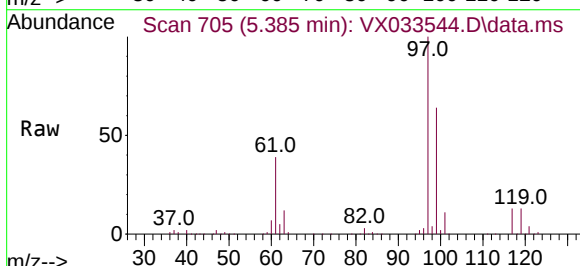
Tgt Ion: 97 Resp: 516964

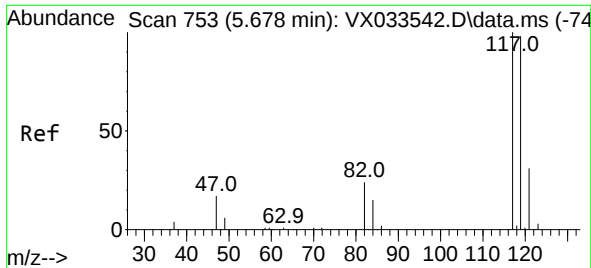
Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 38.8 32.4 48.6

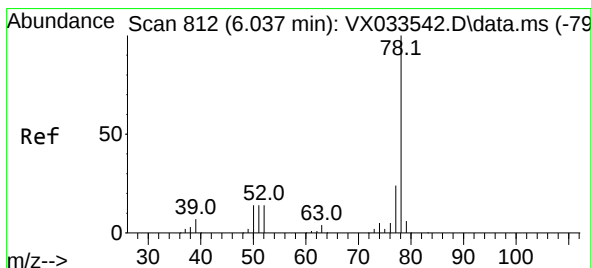
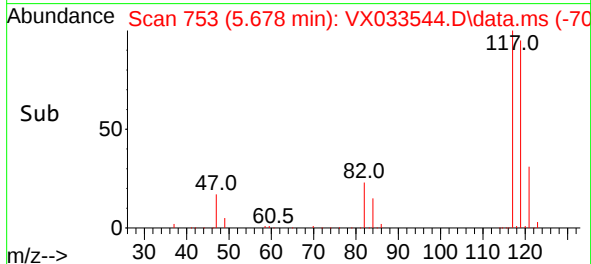
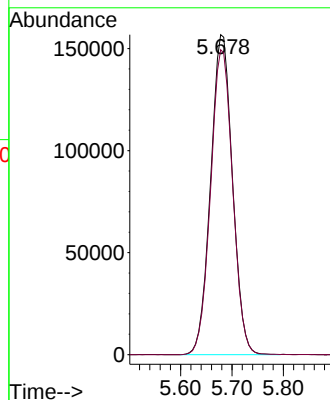
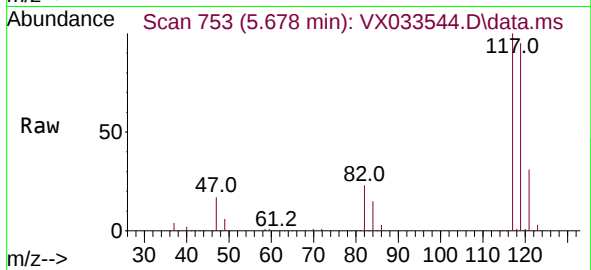




#31
Carbon tetrachloride
Concen: 192.213 ug/L
RT: 5.678 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX033544.D
Acq: 22 Dec 2022 14:50

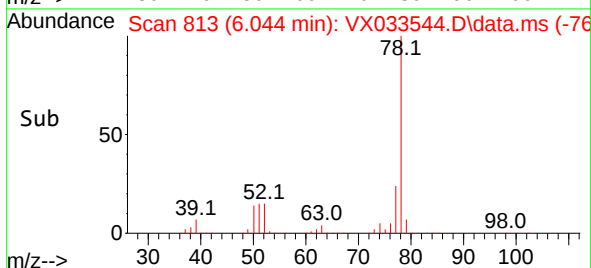
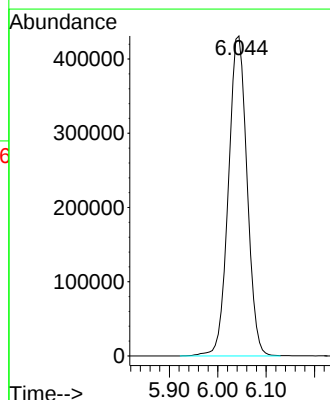
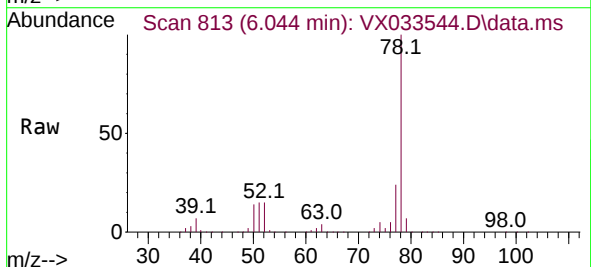
Instrument :
MSVOA_X
ClientSampleId :

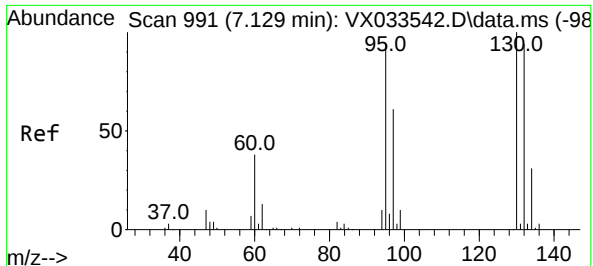
Tgt Ion:117 Resp: 463039
Ion Ratio Lower Upper
117 100
119 96.1 77.9 116.9



#33
Benzene
Concen: 186.169 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX033544.D
Acq: 22 Dec 2022 14:50

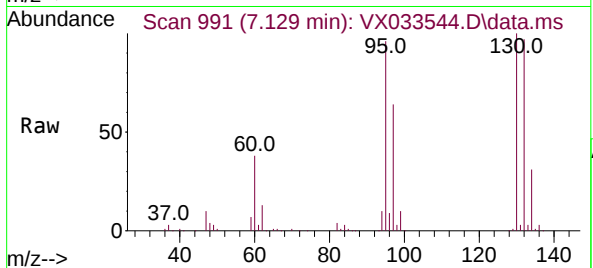
Tgt Ion: 78 Resp: 1154836



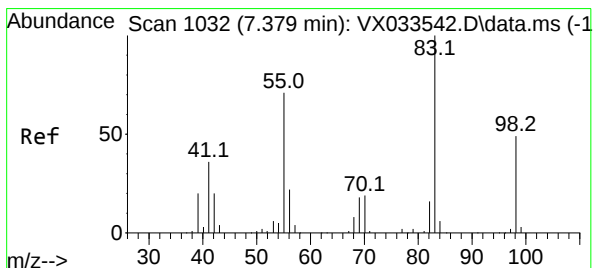
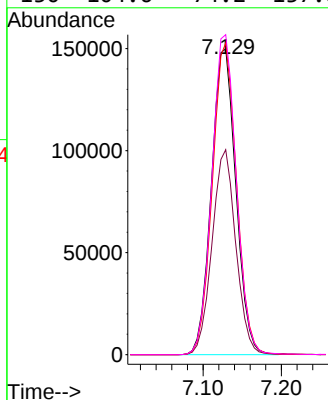
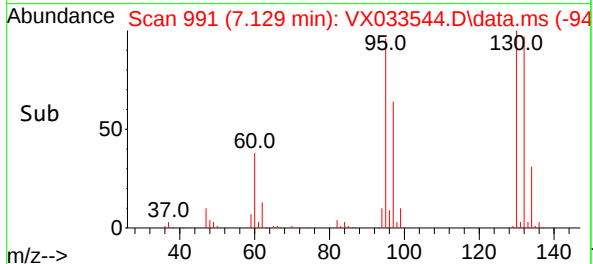


#34
Trichloroethene
Concen: 188.684 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX033544.D
Acq: 22 Dec 2022 14:50

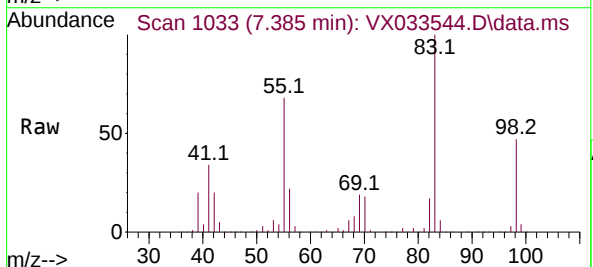
Instrument :
MSVOA_X
ClientSampleId :



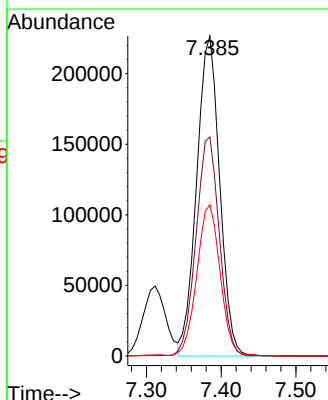
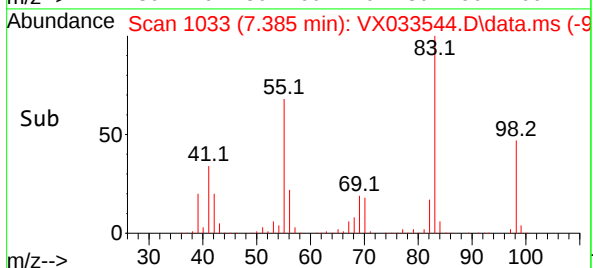
Tgt Ion: 95 Resp: 326371
Ion Ratio Lower Upper
95 100
97 67.0 44.9 83.3
132 101.9 69.5 129.1
130 104.6 74.2 137.8

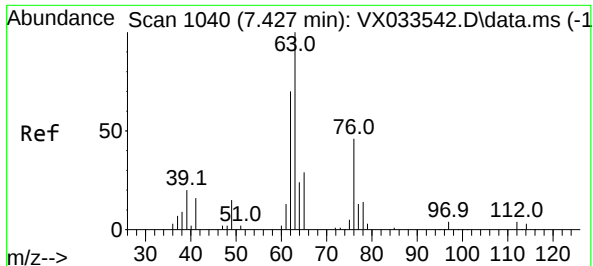


#35
Methylcyclohexane
Concen: 191.090 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX033544.D
Acq: 22 Dec 2022 14:50



Tgt Ion: 83 Resp: 484415
Ion Ratio Lower Upper
83 100
55 69.2 55.6 83.4
98 47.9 38.6 57.8





#37

1,2-Dichloropropane

Concen: 187.201 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VX033544.D

Acq: 22 Dec 2022 14:50

Instrument :

MSVOA_X

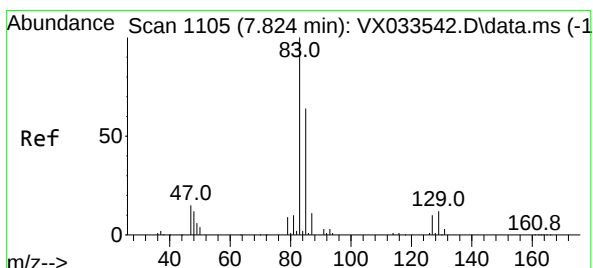
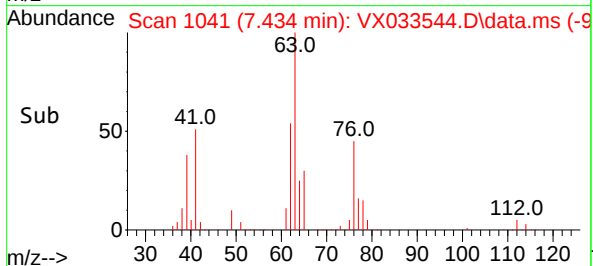
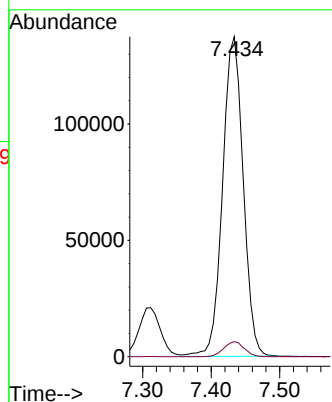
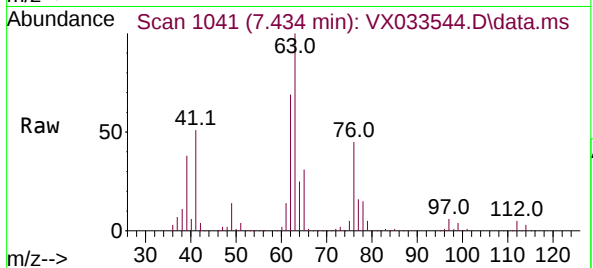
ClientSampleId :

Tgt Ion: 63 Resp: 286359

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.8



#38

Bromodichloromethane

Concen: 191.855 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX033544.D

Acq: 22 Dec 2022 14:50

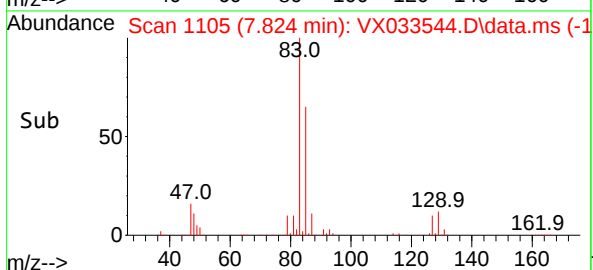
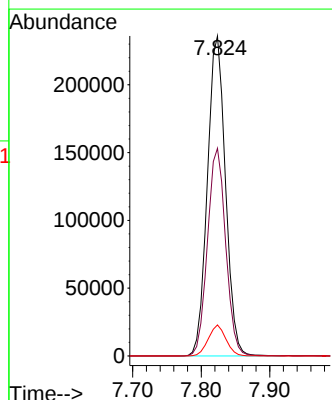
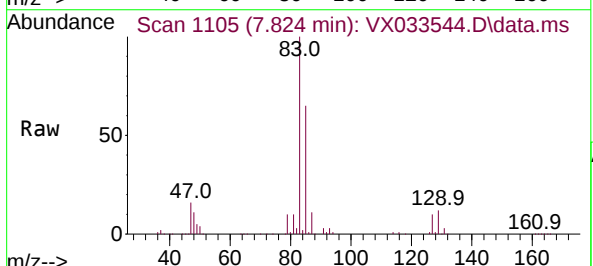
Tgt Ion: 83 Resp: 433106

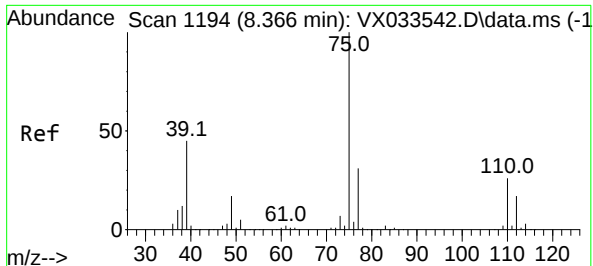
Ion Ratio Lower Upper

83 100

85 64.9 45.1 83.9

127 9.7 7.7 11.5





#39

cis-1,3-Dichloropropene

Concen: 198.347 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033544.D

Acq: 22 Dec 2022 14:50

Instrument :

MSVOA_X

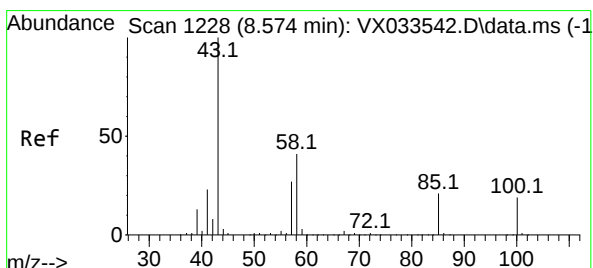
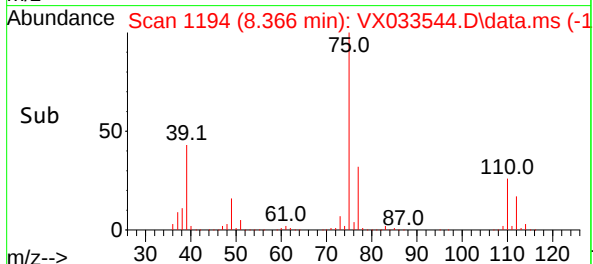
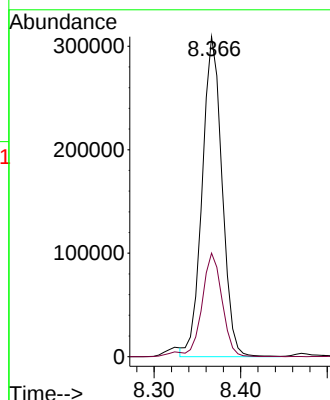
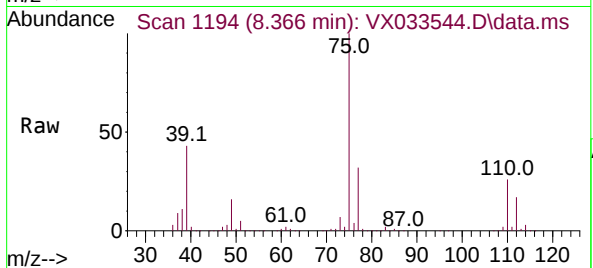
ClientSampleId :

Tgt Ion: 75 Resp: 492978

Ion Ratio Lower Upper

75 100

77 32.3 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 376.603 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX033544.D

Acq: 22 Dec 2022 14:50

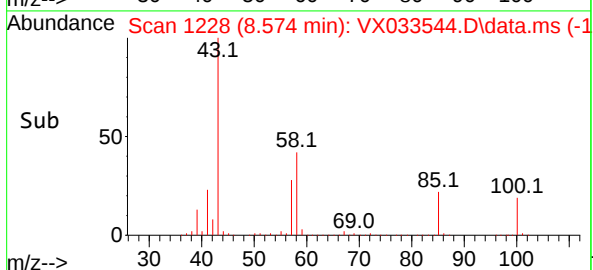
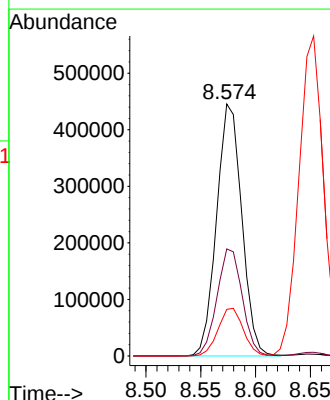
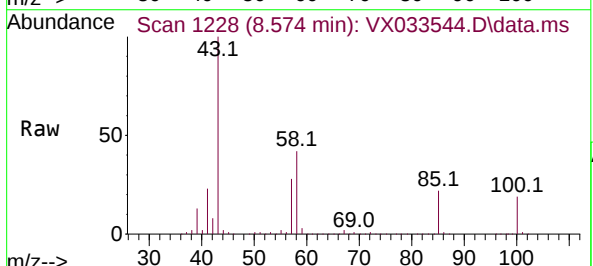
Tgt Ion: 43 Resp: 713449

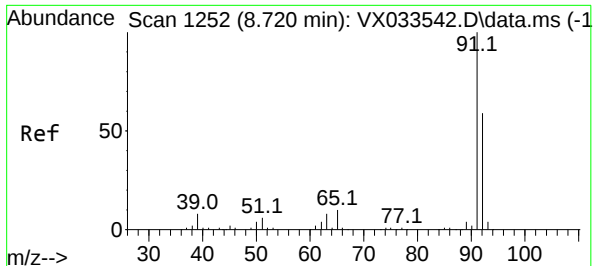
Ion Ratio Lower Upper

43 100

58 42.5 32.9 49.3

100 19.0 14.9 22.3





#42

Toluene

Concen: 187.482 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX033544.D

Acq: 22 Dec 2022 14:50

Instrument :

MSVOA_X

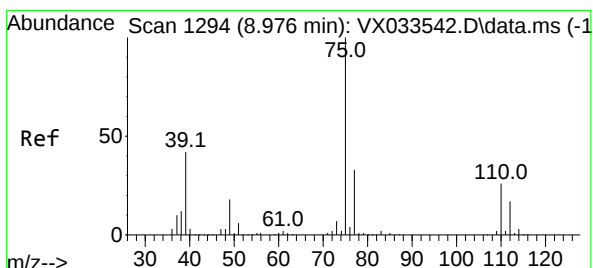
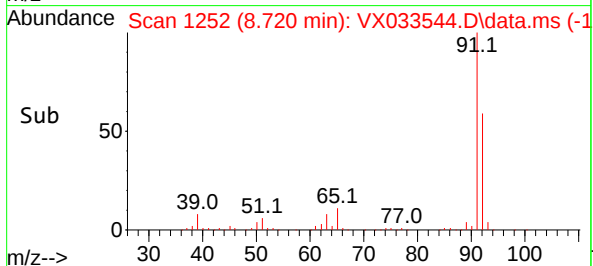
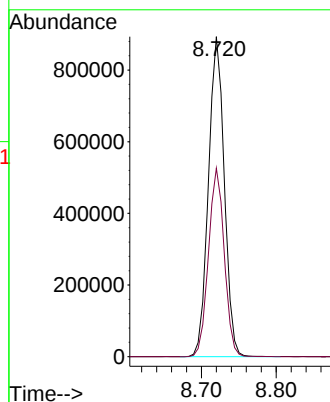
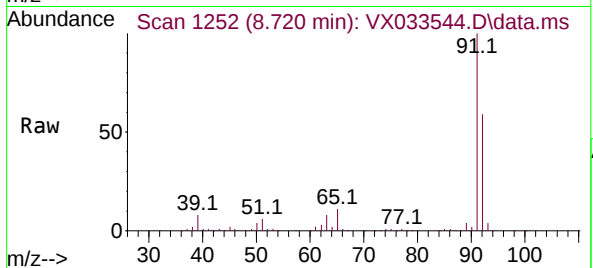
ClientSampleId :

Tgt Ion: 91 Resp: 1314466

Ion Ratio Lower Upper

91 100

92 58.9 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 207.198 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX033544.D

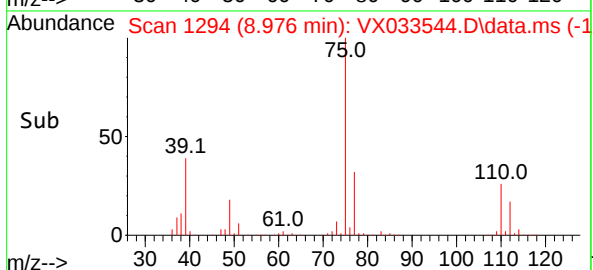
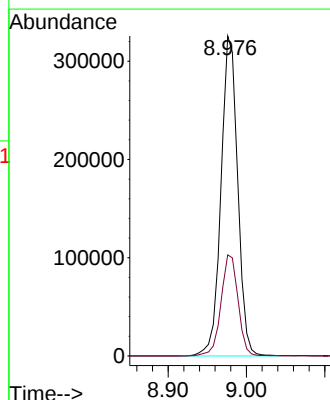
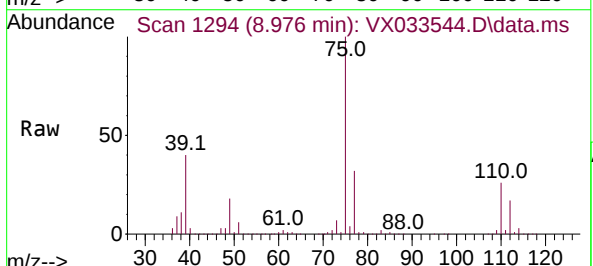
Acq: 22 Dec 2022 14:50

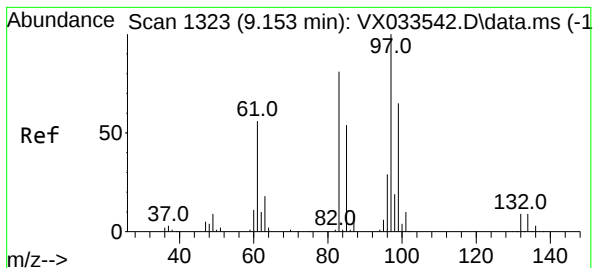
Tgt Ion: 75 Resp: 483508

Ion Ratio Lower Upper

75 100

77 31.6 22.8 42.4





#45

1,1,2-Trichloroethane

Concen: 188.828 ug/L

RT: 9.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033544.D

Acq: 22 Dec 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 312671

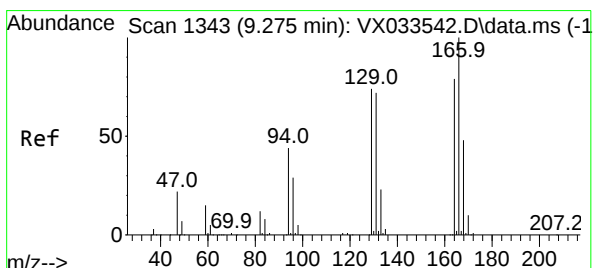
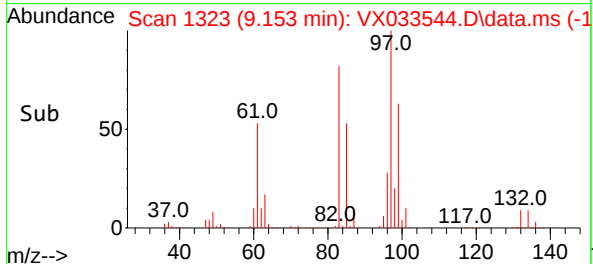
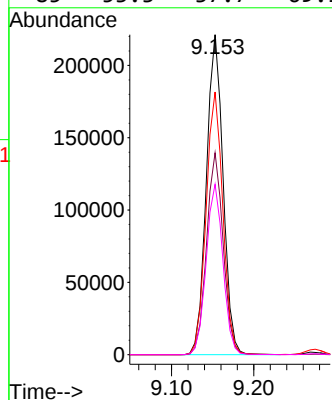
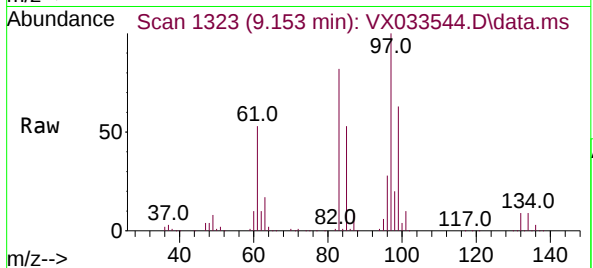
Ion Ratio Lower Upper

97 100

99 63.1 45.4 84.2

83 82.1 57.0 105.9

85 53.3 37.7 69.9



#46

Tetrachloroethene

Concen: 187.944 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX033544.D

Acq: 22 Dec 2022 14:50

Tgt Ion:164 Resp: 274377

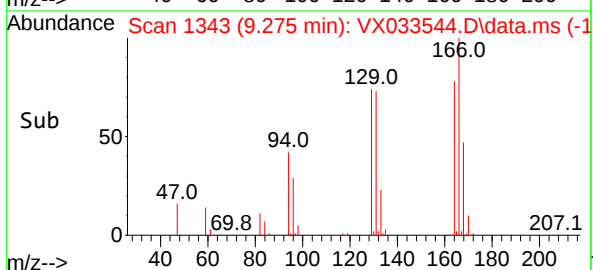
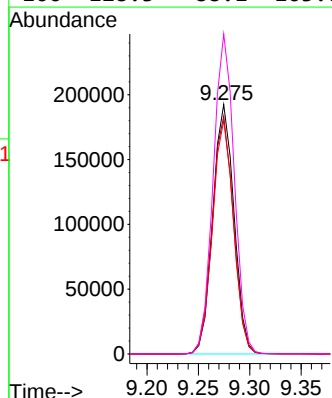
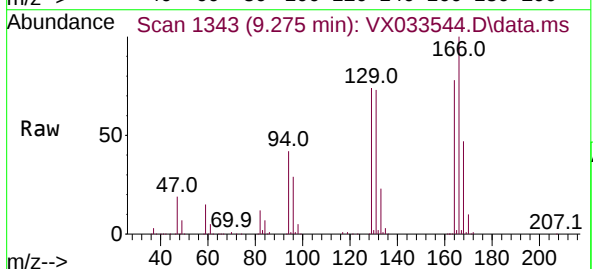
Ion Ratio Lower Upper

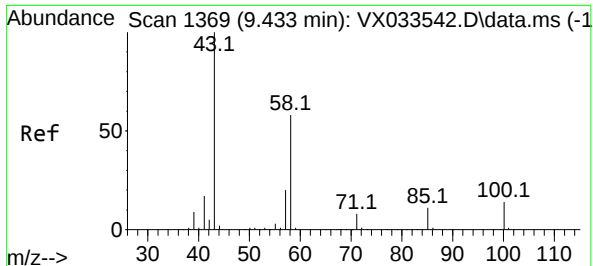
164 100

129 95.3 65.6 121.8

131 93.6 63.5 117.9

166 128.3 88.1 163.7





#48

2-Hexanone

Concen: 356.316 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX033544.D

Acq: 22 Dec 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 536129

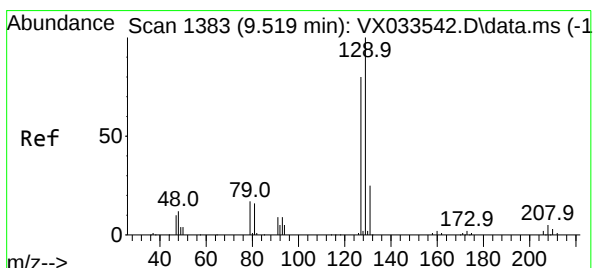
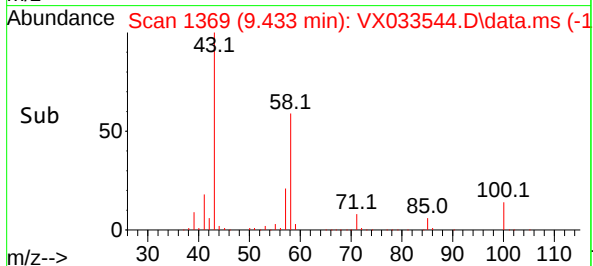
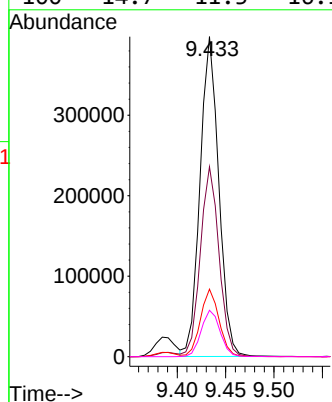
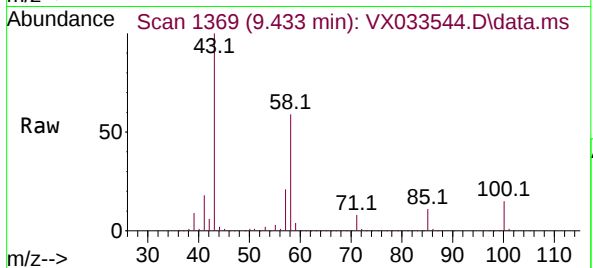
Ion Ratio Lower Upper

43 100

58 59.1 44.6 66.8

57 21.1 16.4 24.6

100 14.7 11.3 16.9



#49

Dibromochloromethane

Concen: 197.609 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX033544.D

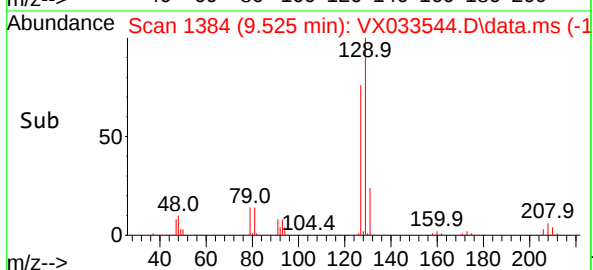
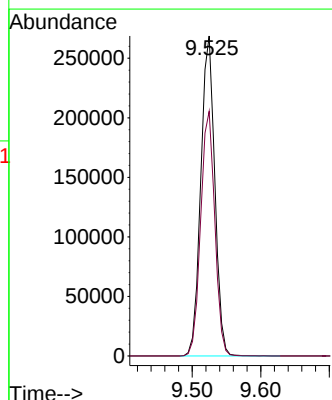
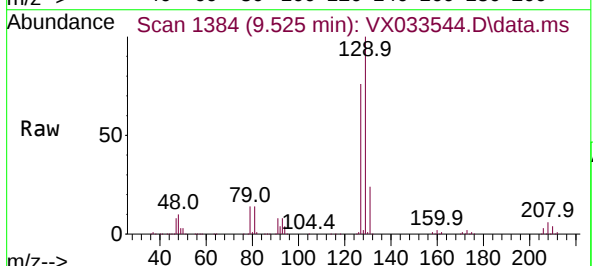
Acq: 22 Dec 2022 14:50

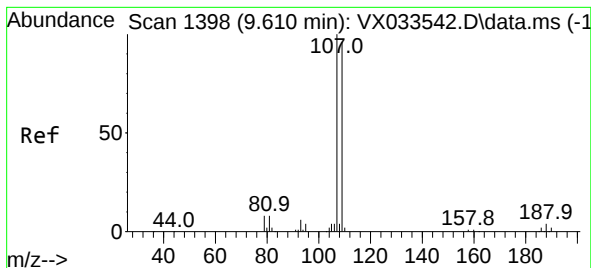
Tgt Ion: 129 Resp: 382116

Ion Ratio Lower Upper

129 100

127 76.5 55.8 103.6





#50

1,2-Dibromoethane

Concen: 192.468 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX033544.D

Acq: 22 Dec 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

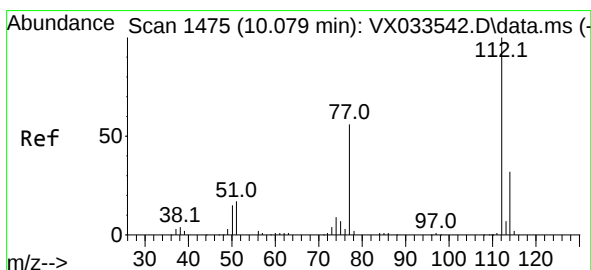
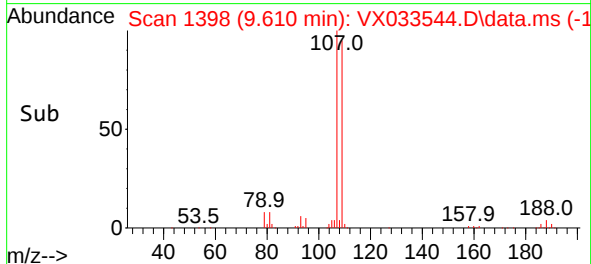
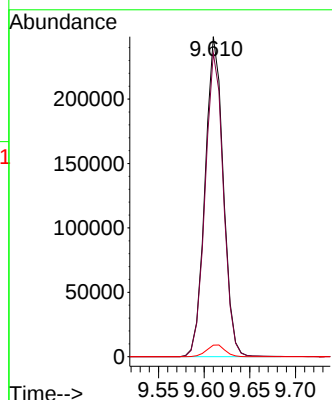
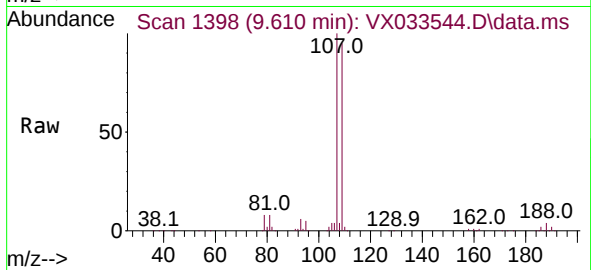
Tgt Ion:107 Resp: 344026

Ion Ratio Lower Upper

107 100

109 94.9 67.5 125.3

188 3.6 3.0 4.4



#51

Chlorobenzene

Concen: 188.705 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX033544.D

Acq: 22 Dec 2022 14:50

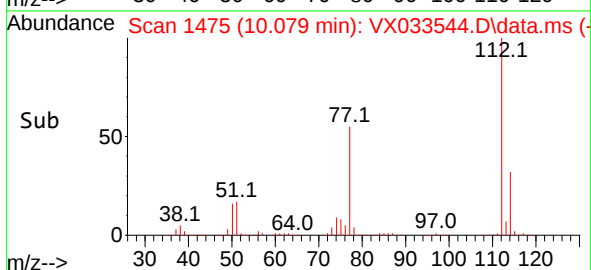
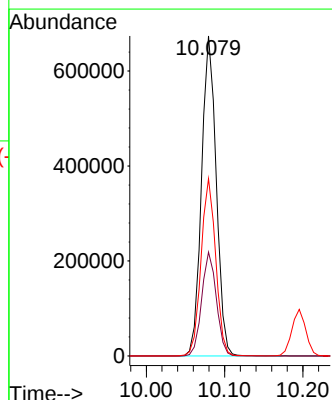
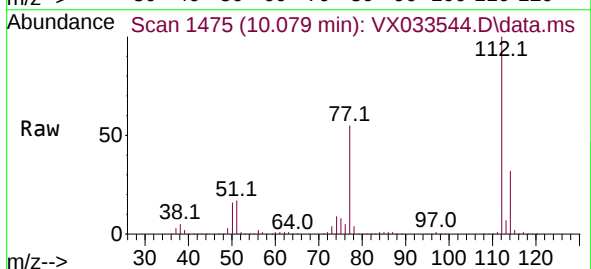
Tgt Ion:112 Resp: 877938

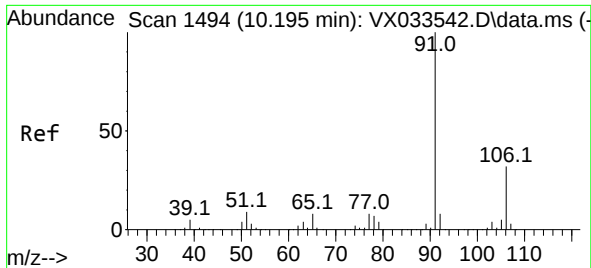
Ion Ratio Lower Upper

112 100

114 32.4 22.1 41.1

77 55.4 45.0 67.4

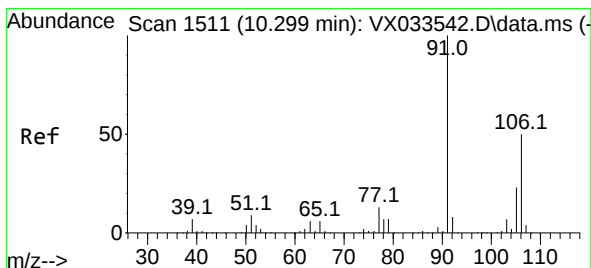
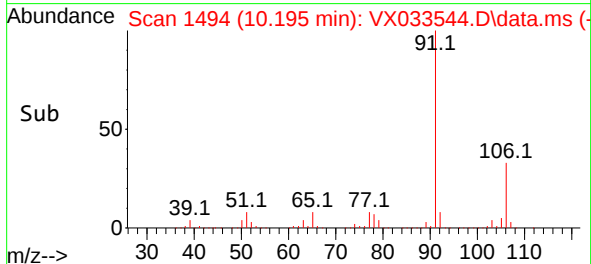
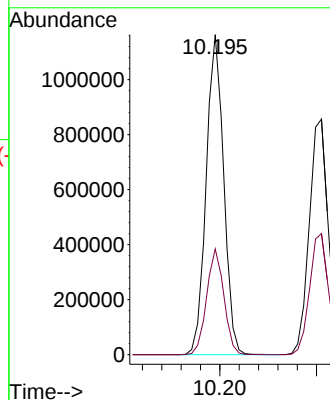
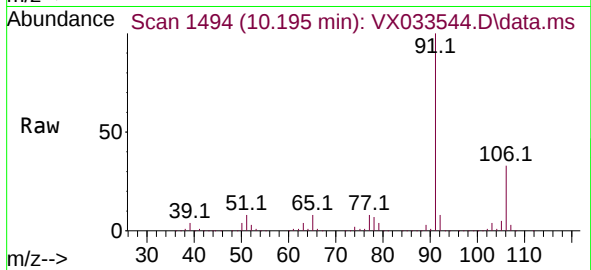




#52
Ethylbenzene
Concen: 190.028 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033544.D
Acq: 22 Dec 2022 14:50

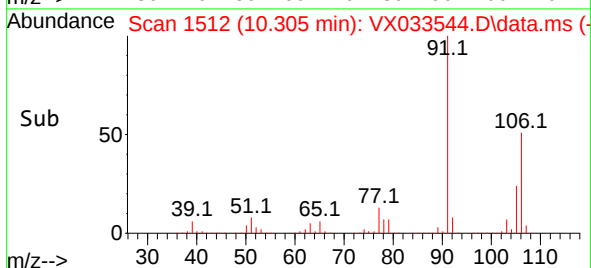
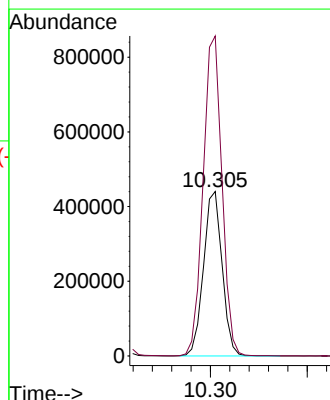
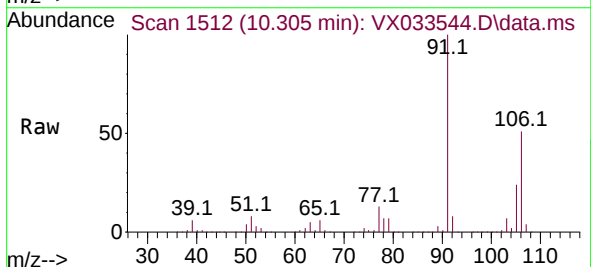
Instrument :
MSVOA_X
ClientSampleId :

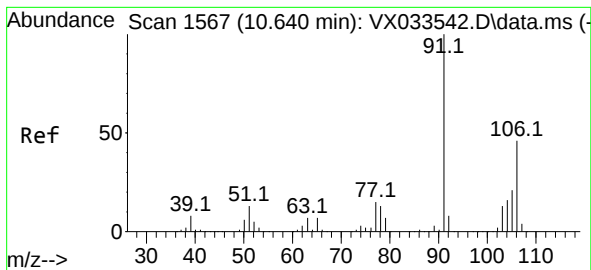
Tgt Ion: 91 Resp: 1459589
Ion Ratio Lower Upper
91 100
106 33.0 22.5 41.7



#53
m,p-Xylene
Concen: 192.633 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX033544.D
Acq: 22 Dec 2022 14:50

Tgt Ion: 106 Resp: 590146
Ion Ratio Lower Upper
106 100
91 194.6 140.4 260.8





#54

o-Xylene

Concen: 192.893 ug/L

RT: 10.640 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033544.D

Acq: 22 Dec 2022 14:50

Instrument :

MSVOA_X

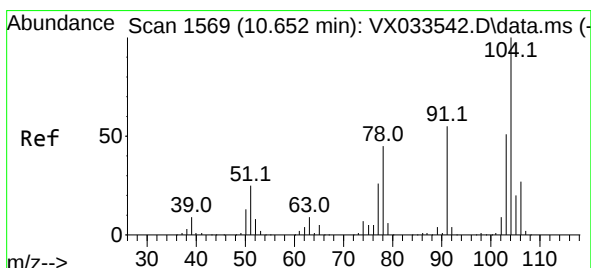
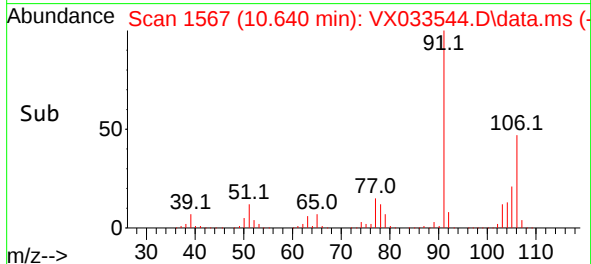
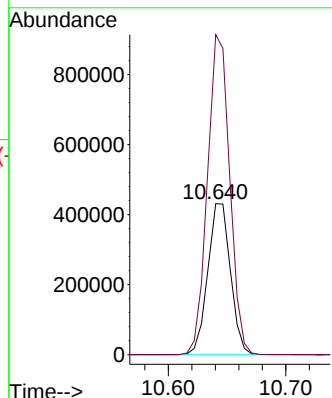
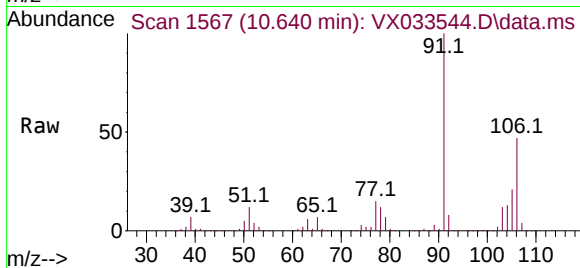
ClientSampleId :

Tgt Ion:106 Resp: 577955

Ion Ratio Lower Upper

106 100

91 211.8 150.6 279.6



#55

Styrene

Concen: 196.185 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX033544.D

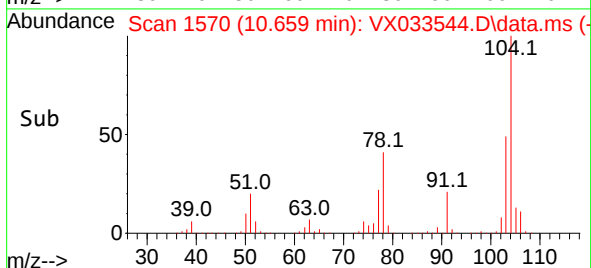
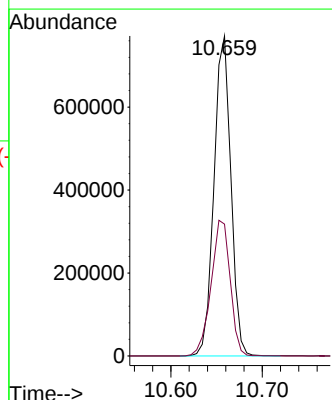
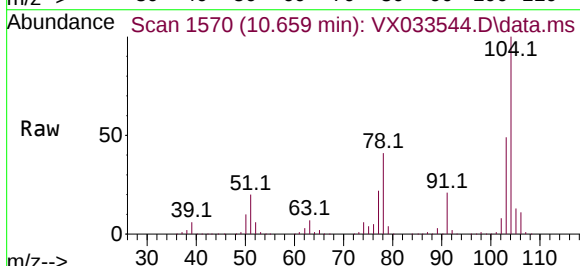
Acq: 22 Dec 2022 14:50

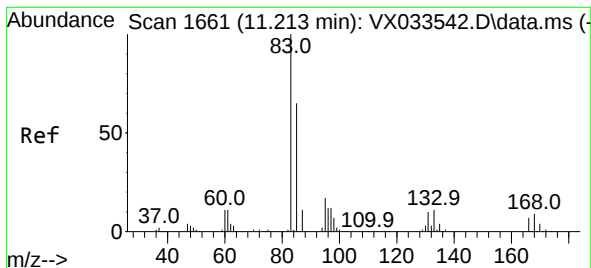
Tgt Ion:104 Resp: 990662

Ion Ratio Lower Upper

104 100

78 41.2 31.7 58.9

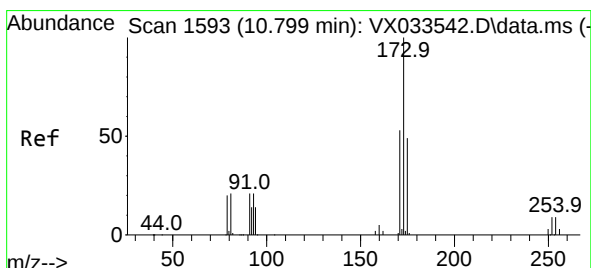
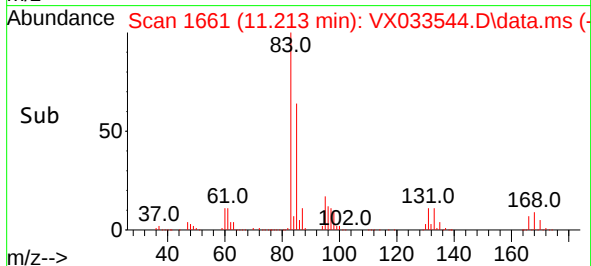
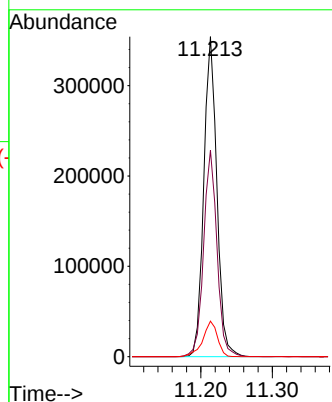
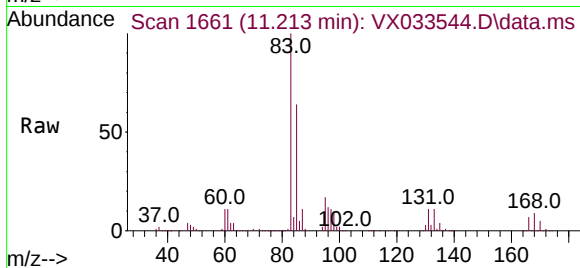




#57
1,1,2,2-Tetrachloroethane
Concen: 186.028 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033544.D
Acq: 22 Dec 2022 14:50

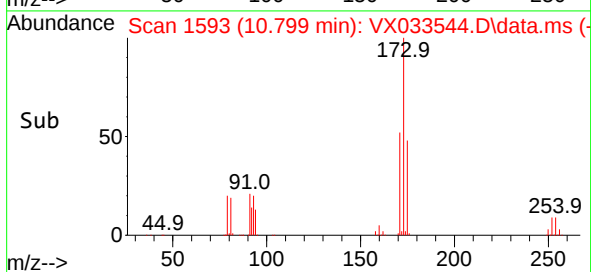
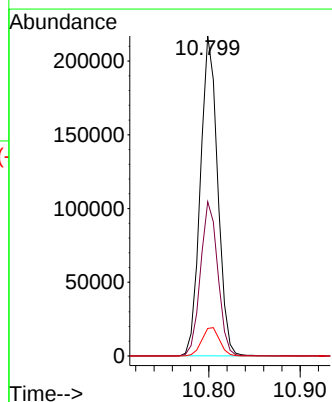
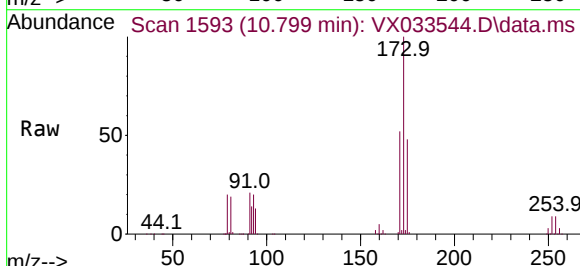
Instrument :
MSVOA_X
ClientSampleId :

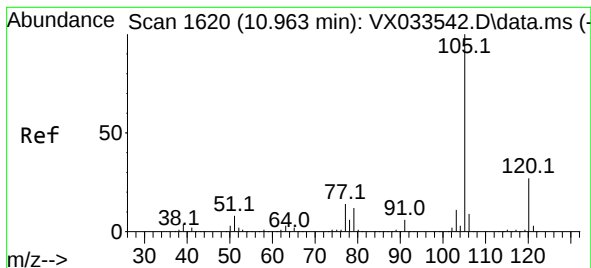
Tgt Ion: 83 Resp: 450429
Ion Ratio Lower Upper
83 100
85 64.5 45.6 84.8
131 11.1 8.4 12.6



#59
Bromoform
Concen: 202.469 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033544.D
Acq: 22 Dec 2022 14:50

Tgt Ion: 173 Resp: 284148
Ion Ratio Lower Upper
173 100
175 48.3 38.9 58.3
254 9.2 7.2 10.8





#60

Isopropylbenzene

Concen: 188.045 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033544.D

Acq: 22 Dec 2022 14:50

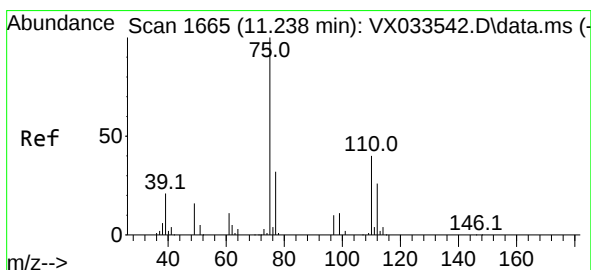
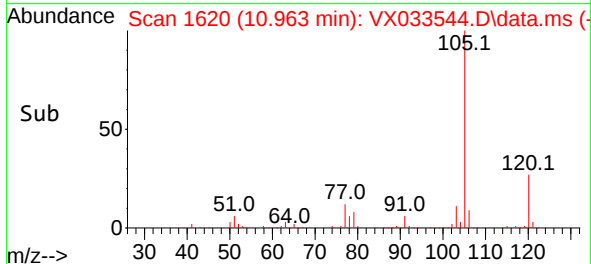
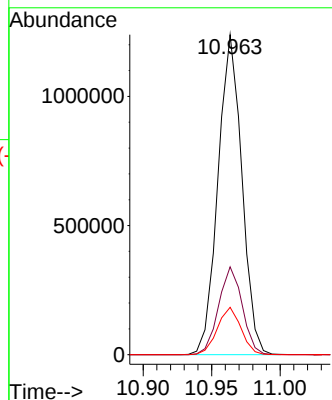
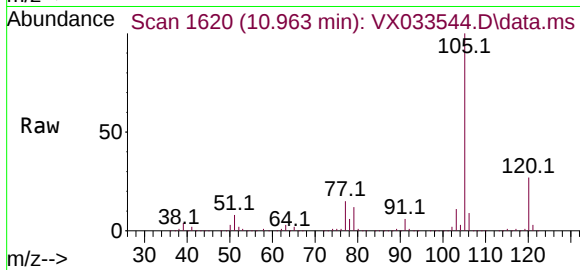
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:105 Resp: 1498596

Ion	Ratio	Lower	Upper
105	100		
120	27.2	21.6	32.4
77	14.7	11.7	17.5



#61

1,2,3-Trichloropropane

Concen: 178.936 ug/L

RT: 11.238 min Scan# 1665

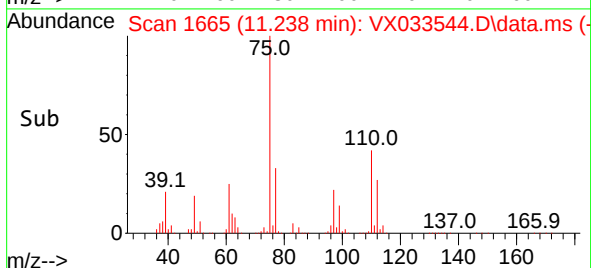
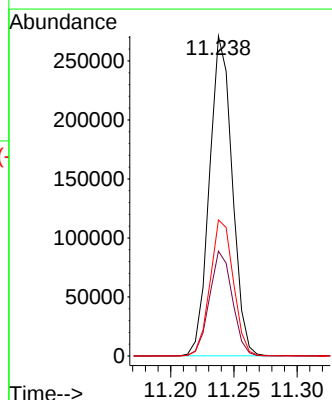
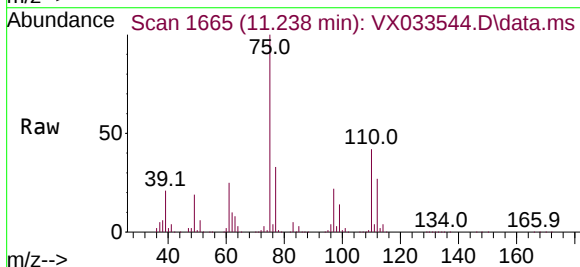
Delta R.T. 0.000 min

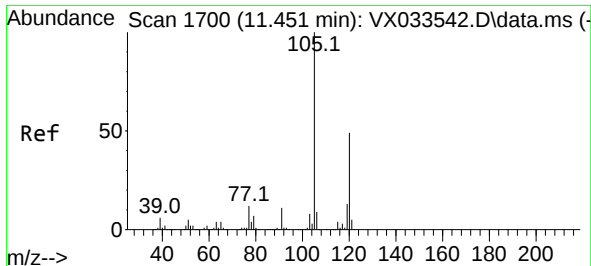
Lab File: VX033544.D

Acq: 22 Dec 2022 14:50

Tgt Ion: 75 Resp: 339678

Ion	Ratio	Lower	Upper
75	100		
77	32.7	26.0	39.0
110	43.4	33.6	50.4

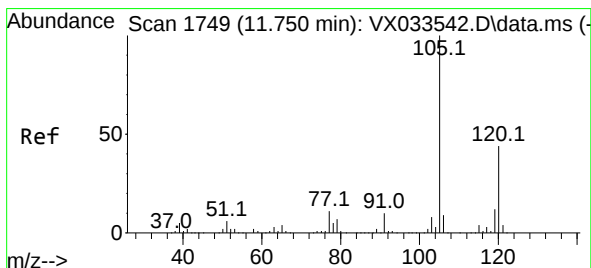
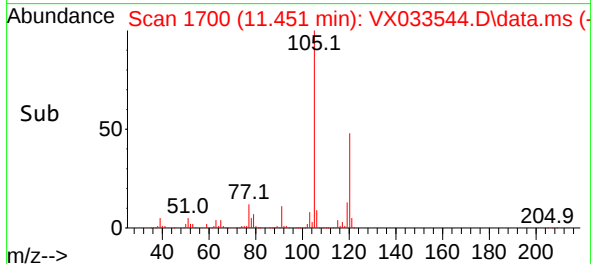
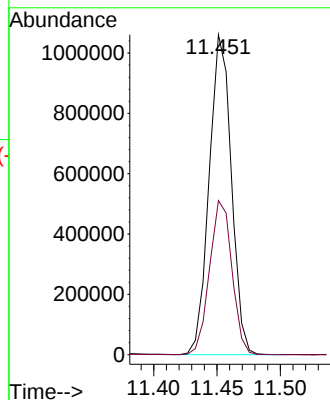
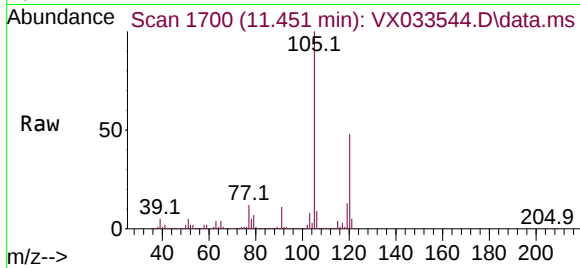




#62
1,3,5-Trimethylbenzene
Concen: 190.976 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033544.D
Acq: 22 Dec 2022 14:50

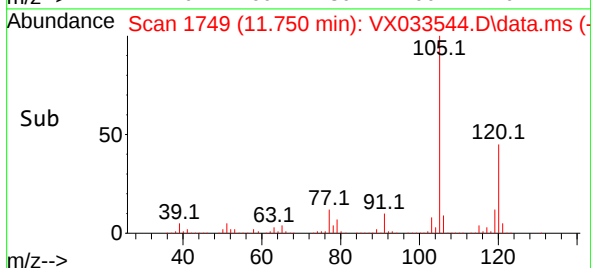
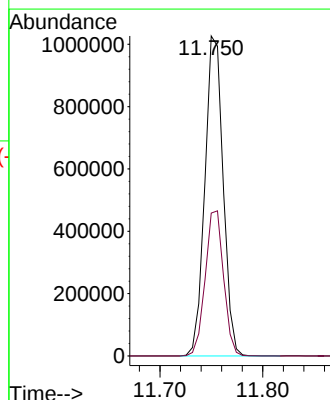
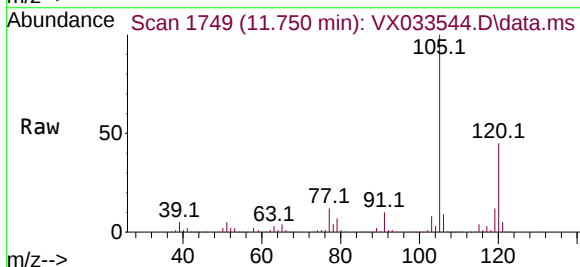
Instrument :
MSVOA_X
ClientSampleId :

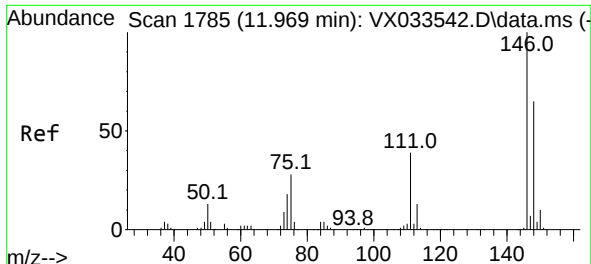
Tgt Ion:105 Resp: 1292863
Ion Ratio Lower Upper
105 100
120 48.6 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 190.917 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033544.D
Acq: 22 Dec 2022 14:50

Tgt Ion:105 Resp: 1270714
Ion Ratio Lower Upper
105 100
120 45.6 35.8 53.6

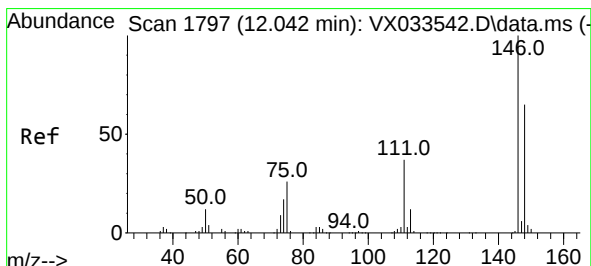
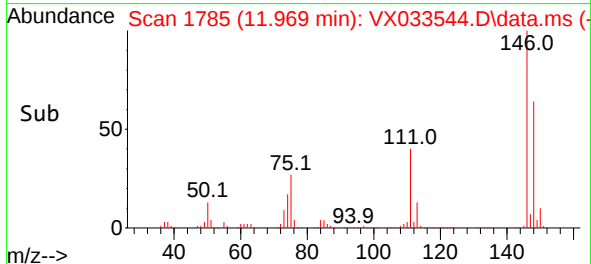
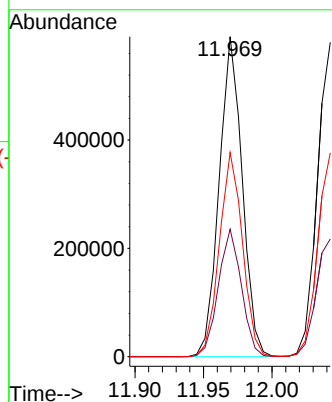
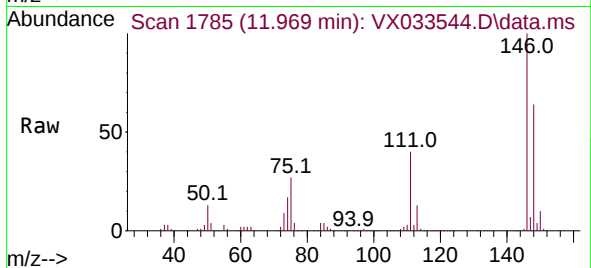




#64
1,3-Dichlorobenzene
Concen: 189.821 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX033544.D
Acq: 22 Dec 2022 14:50

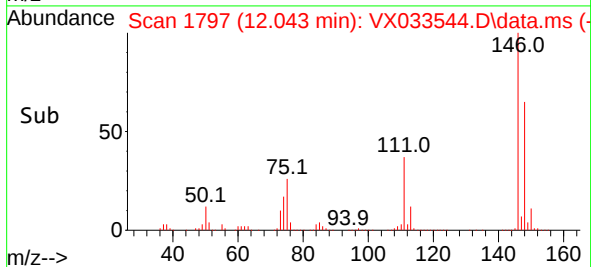
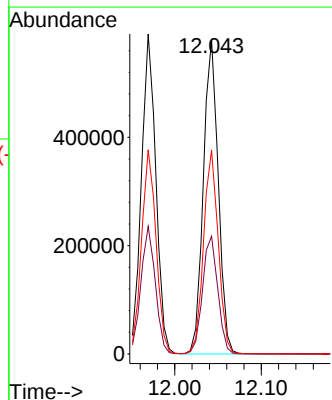
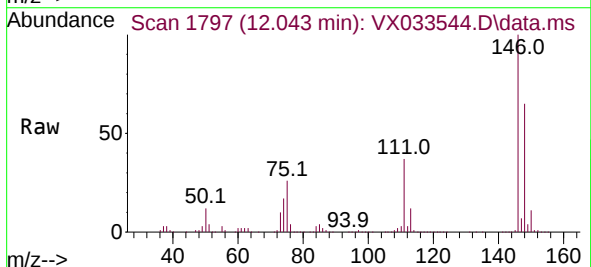
Instrument :
MSVOA_X
ClientSampleId :

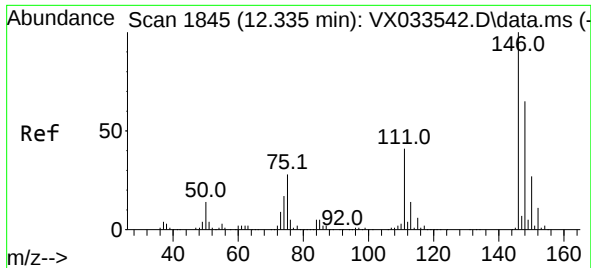
Tgt Ion:146 Resp: 690959
Ion Ratio Lower Upper
146 100
111 39.8 27.6 51.2
148 63.8 45.3 84.1



#65
1,4-Dichlorobenzene
Concen: 188.446 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX033544.D
Acq: 22 Dec 2022 14:50

Tgt Ion:146 Resp: 693882
Ion Ratio Lower Upper
146 100
111 37.5 25.8 47.8
148 64.8 45.8 85.0

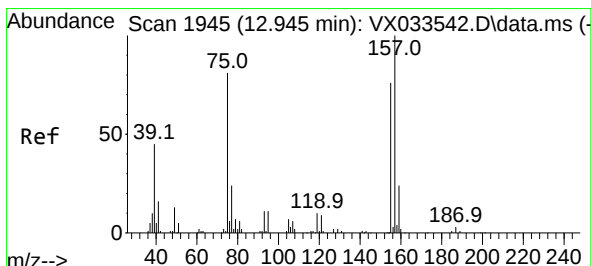
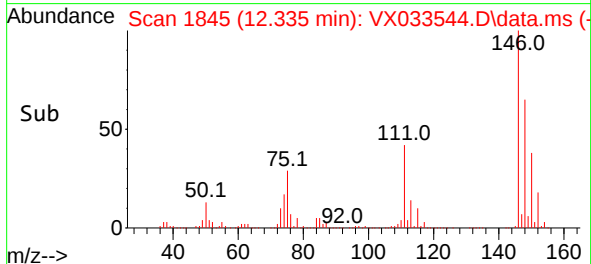
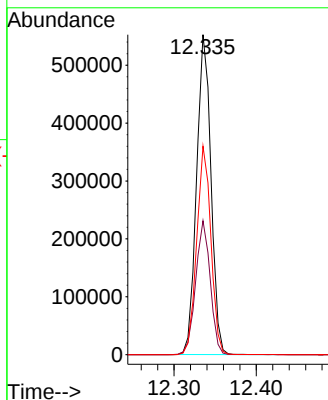
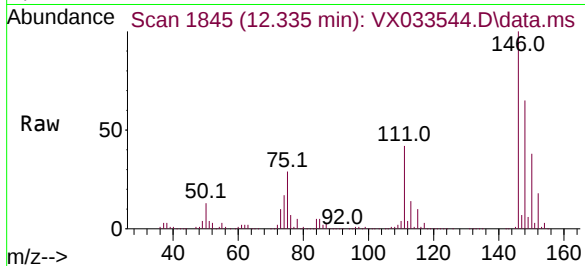




#67
1,2-Dichlorobenzene
Concen: 186.764 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033544.D
Acq: 22 Dec 2022 14:50

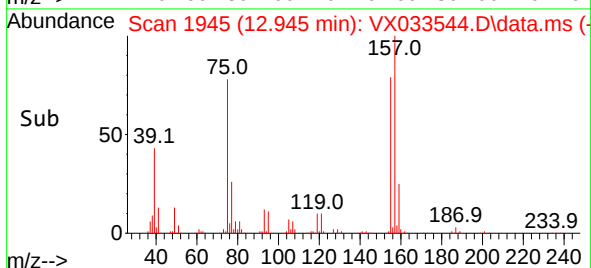
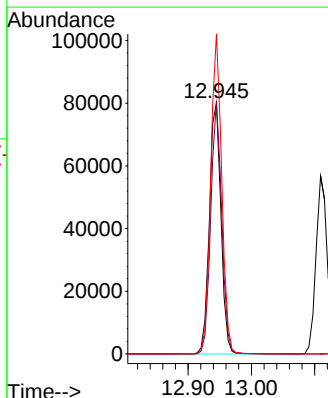
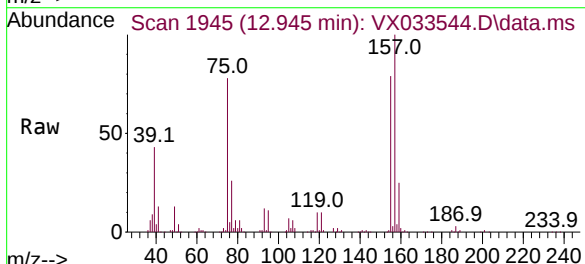
Instrument :
MSVOA_X
ClientSampleId :

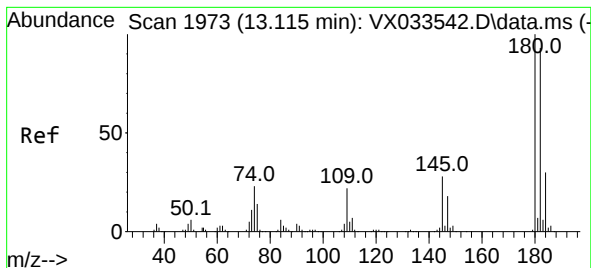
Tgt Ion:146 Resp: 670904
Ion Ratio Lower Upper
146 100
111 41.8 33.2 49.8
148 65.1 51.9 77.9



#68
1,2-Dibromo-3-chloropropane
Concen: 199.377 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033544.D
Acq: 22 Dec 2022 14:50

Tgt Ion: 75 Resp: 101746
Ion Ratio Lower Upper
75 100
155 100.9 75.4 113.2
157 127.5 98.7 148.1





#69

1,3,5-Trichlorobenzene

Concen: 194.048 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VX033544.D

Acq: 22 Dec 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180 Resp: 472626

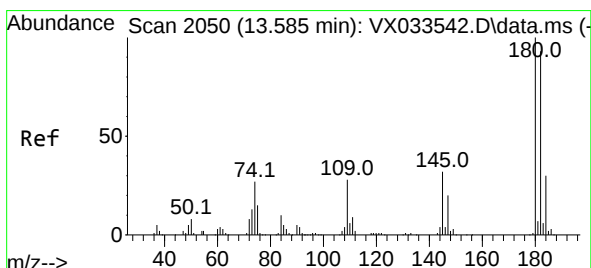
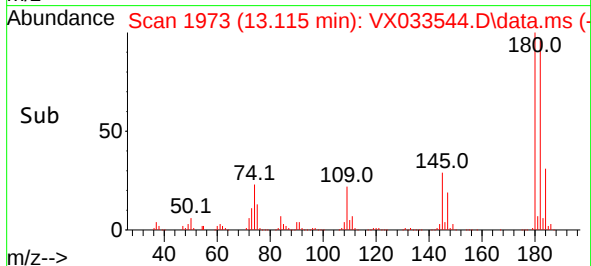
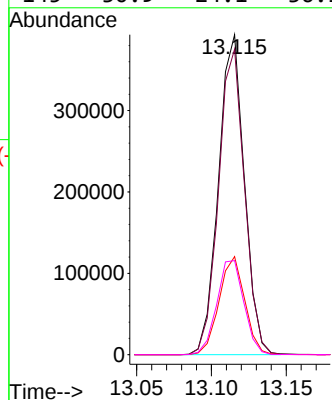
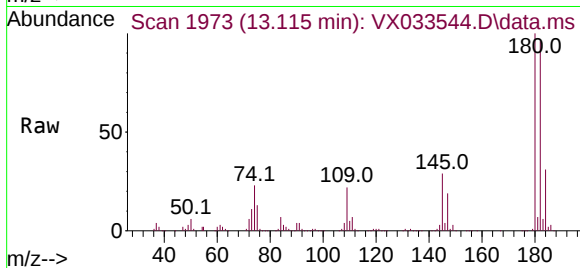
Ion Ratio Lower Upper

180 100

182 95.9 75.0 112.6

184 30.5 24.0 36.0

145 30.9 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 199.651 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX033544.D

Acq: 22 Dec 2022 14:50

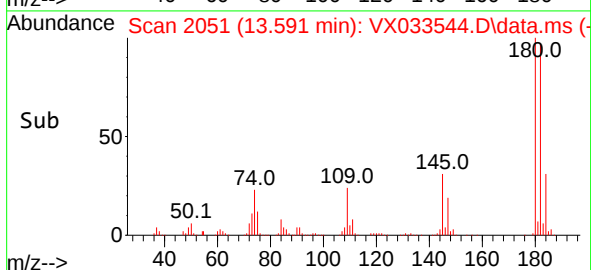
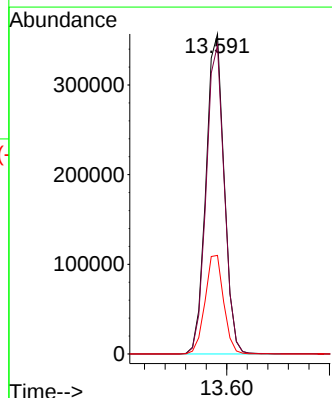
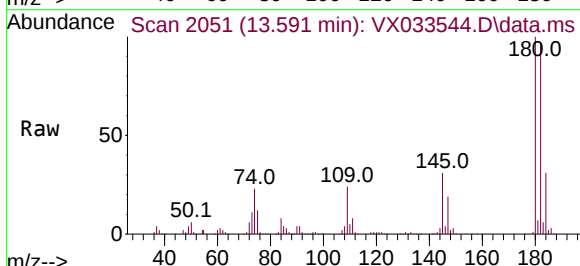
Tgt Ion:180 Resp: 440458

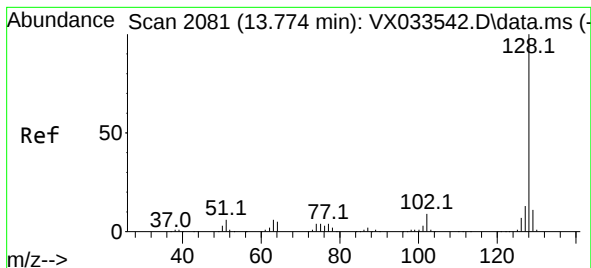
Ion Ratio Lower Upper

180 100

182 95.9 76.6 115.0

145 31.5 25.2 37.8





#71

Naphthalene

Concen: 201.885 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX033544.D

Acq: 22 Dec 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

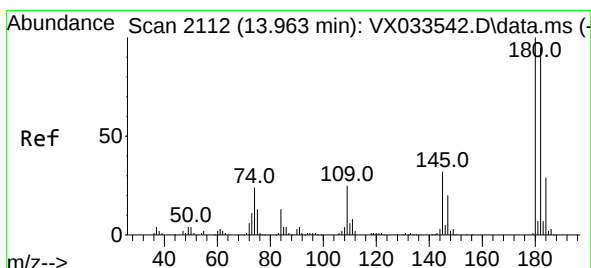
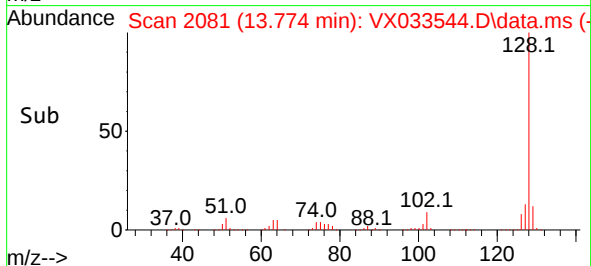
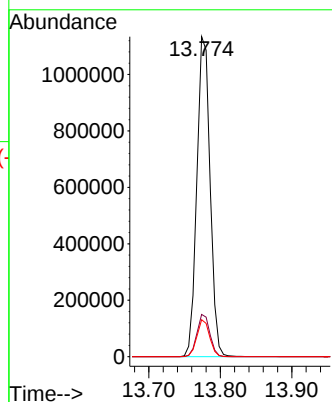
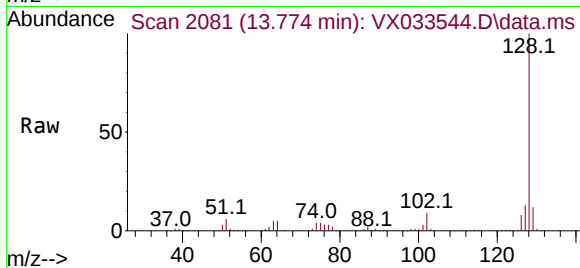
Tgt Ion:128 Resp: 1455171

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.1 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 196.571 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX033544.D

Acq: 22 Dec 2022 14:50

Tgt Ion:180 Resp: 432763

Ion Ratio Lower Upper

180 100

182 96.1 76.4 114.6

145 33.5 26.2 39.4

