

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070424\
 Data File : VX042175.D
 Acq On : 03 Jul 2024 20:15
 Operator : JC/MD
 Sample : VSTD050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 04 04:47:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 04 04:46:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	283699	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	262936	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	141189	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	83445	51.604	ug/L	0.00
7) Chloroethane-d5	1.648	69	52616	45.527	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	36570	46.868	ug/L	0.00
21) 2-Butanone-d5	4.465	46	122992	103.864	ug/L	0.00
24) Chloroform-d	5.056	84	169504	48.591	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	99195	40.404	ug/L	0.00
32) Benzene-d6	5.970	84	346557	48.687	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	104894	49.201	ug/L	0.00
41) Toluene-d8	8.647	98	323082	44.175	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	46185	44.193	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	97954	99.218	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	154981	46.645	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	139641	49.118	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	103076	52.258	ug/L	100
3) Chloromethane	1.301	50	103244	59.229	ug/L	100
5) Vinyl chloride	1.374	62	99950	56.215	ug/L	100
6) Bromomethane	1.599	94	55635	46.930	ug/L	100
8) Chloroethane	1.666	64	52969	52.892	ug/L	100
9) Trichlorofluoromethane	1.874	101	145070	48.392	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	91499	49.931	ug/L	100
12) 1,1-Dichloroethene	2.307	96	86854	52.816	ug/L	100
13) Acetone	2.392	43	83370	72.280	ug/L	100
14) Carbon disulfide	2.502	76	217433	54.272	ug/L	100
15) Methyl Acetate	2.709	43	102907	50.127	ug/L	100
16) Methylene chloride	2.788	84	100425	54.247	ug/L	100
17) trans-1,2-Dichloroethene	3.087	96	88205	52.287	ug/L	100
18) Methyl tert-butyl Ether	3.117	73	290533	50.821	ug/L	100
19) 1,1-Dichloroethane	3.605	63	159546	51.217	ug/L	100
20) cis-1,2-Dichloroethene	4.483	96	104042	53.062	ug/L	100
22) 2-Butanone	4.568	43	139877	93.462	ug/L	100
23) Bromochloromethane	4.904	128	56369	53.856	ug/L	100
25) Chloroform	5.093	83	169033	50.468	ug/L	100
27) 1,2-Dichloroethane	6.086	62	123414	45.210	ug/L	100
29) Cyclohexane	5.464	56	146140	50.091	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	143864	47.160	ug/L	100
31) Carbon tetrachloride	5.672	117	126453	46.857	ug/L	100
33) Benzene	6.038	78	369771	50.148	ug/L	100
34) Trichloroethene	7.123	95	97067	48.360	ug/L	100
35) Methylcyclohexane	7.379	83	151203	48.676	ug/L	100
37) 1,2-Dichloropropane	7.428	63	96406	51.708	ug/L	100
38) Bromodichloromethane	7.824	83	118148	47.602	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	145525	47.814	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	275875	93.402	ug/L	100
42) Toluene	8.720	91	397912	49.493	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	130017	46.157	ug/L	100

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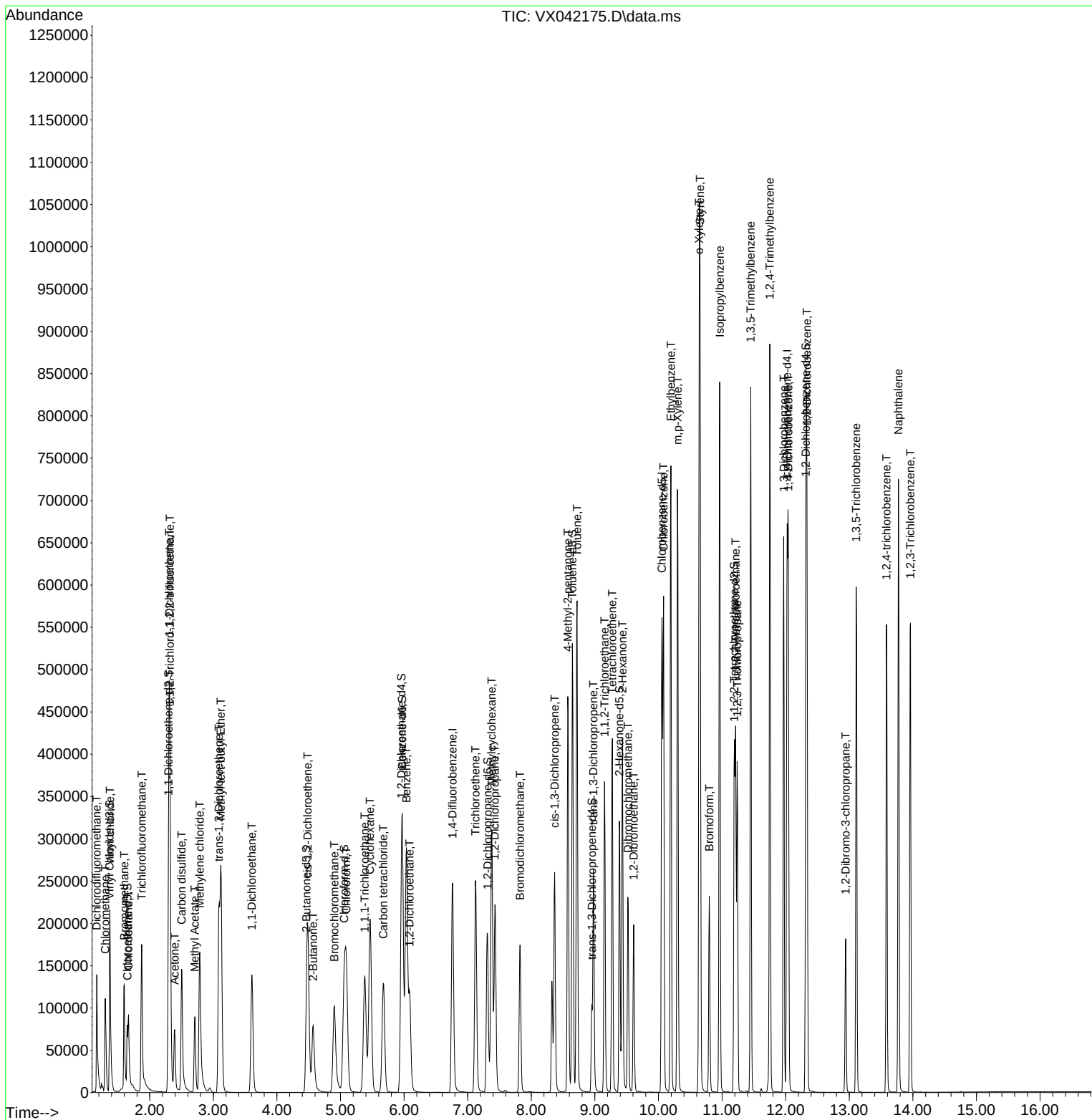
Instrument :
 MSVOA_X
 ClientSampleId :

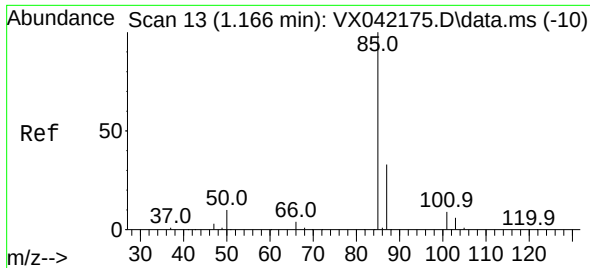
Quant Time: Jul 04 04:47:44 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	102873	49.936	ug/L	100
46) Tetrachloroethene	9.275	164	91112	47.359	ug/L	100
48) 2-Hexanone	9.433	43	218339	93.505	ug/L	100
49) Dibromochloromethane	9.519	129	107056	51.571	ug/L	100
50) 1,2-Dibromoethane	9.610	107	109974	51.377	ug/L	100
51) Chlorobenzene	10.079	112	273434	51.054	ug/L	100
52) Ethylbenzene	10.195	91	440030	50.098	ug/L	100
53) m,p-Xylene	10.299	106	177199	49.672	ug/L	100
54) o-Xylene	10.640	106	176840	48.659	ug/L	100
55) Styrene	10.653	104	300020	49.446	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	164135	48.285	ug/L	100
59) Bromoform	10.799	173	90335	54.314	ug/L	100
60) Isopropylbenzene	10.964	105	456864	52.895	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	124451	51.474	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	352368	58.663	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	377761	53.266	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	228412	51.656	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	226664	50.826	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	231255	51.040	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	33502	51.382	ug/L	100
69) 1,3,5-Trichlorobenzene	13.109	180	166938	49.811	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	150025	49.635	ug/L	100
71) Naphthalene	13.774	128	474544	53.110	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	160157	51.781	ug/L	100

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

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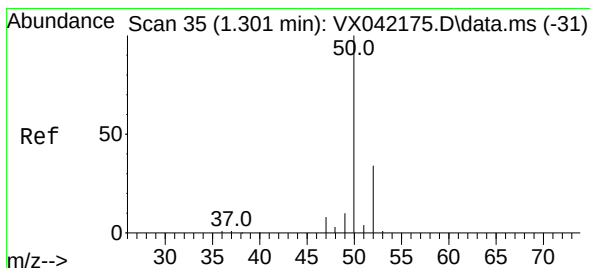
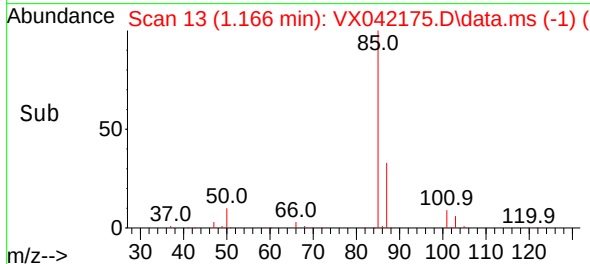
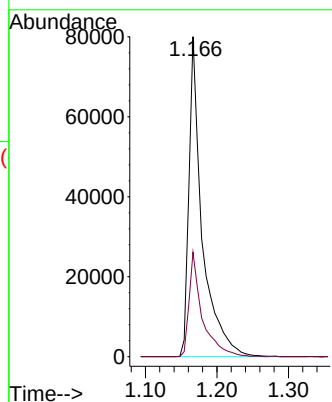
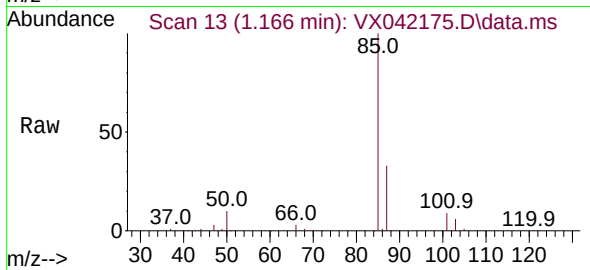




#2
 Dichlorodifluoromethane
 Concen: 52.258 ug/L
 RT: 1.166 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VX042175.D
 Acq: 03 Jul 2024 20:15

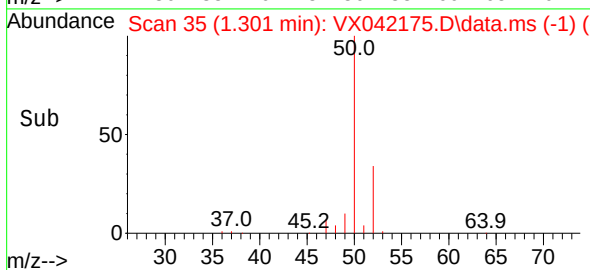
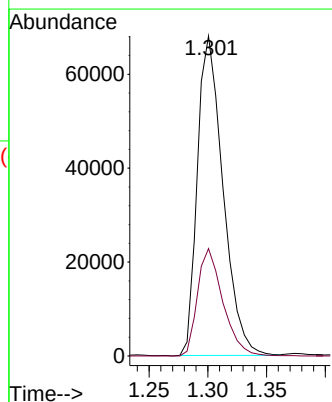
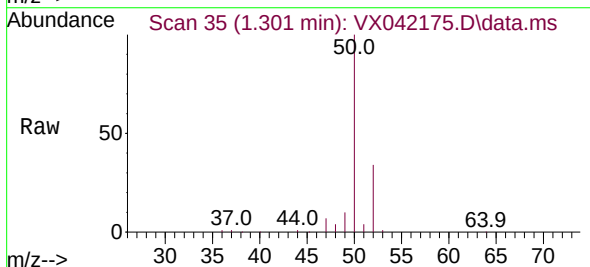
Instrument :
 MSVOA_X
 ClientSampleId :

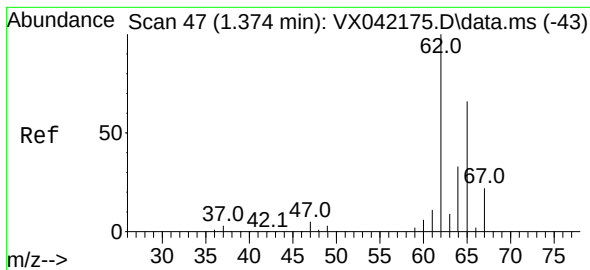
Tgt Ion: 85 Resp: 103076
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.0 39.0



#3
 Chloromethane
 Concen: 59.229 ug/L
 RT: 1.301 min Scan# 35
 Delta R.T. 0.000 min
 Lab File: VX042175.D
 Acq: 03 Jul 2024 20:15

Tgt Ion: 50 Resp: 103244
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.5 43.7





#5

Vinyl chloride

Concen: 56.215 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX042175.D

Acq: 03 Jul 2024 20:15

Instrument :

MSVOA_X

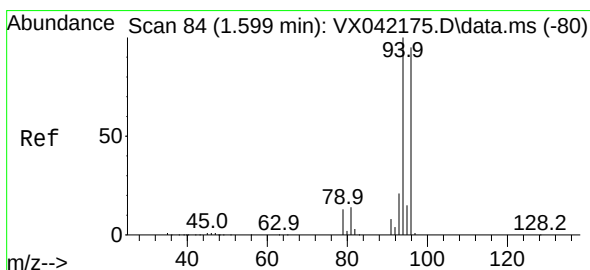
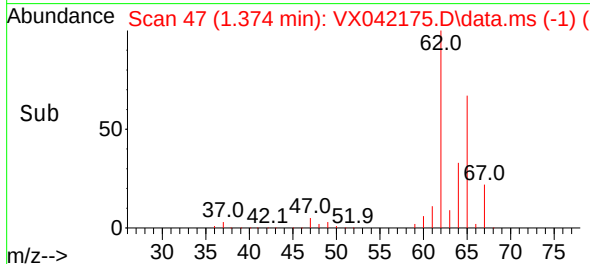
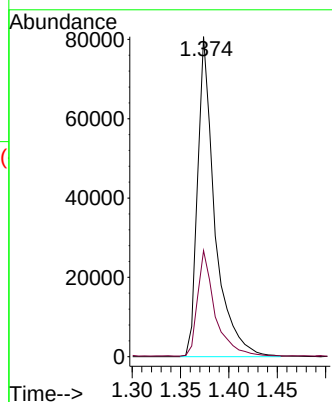
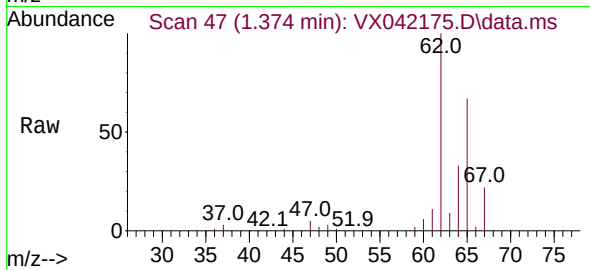
ClientSampleId :

Tgt Ion: 62 Resp: 99950

Ion Ratio Lower Upper

62 100

64 33.1 23.2 43.0



#6

Bromomethane

Concen: 46.930 ug/L

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX042175.D

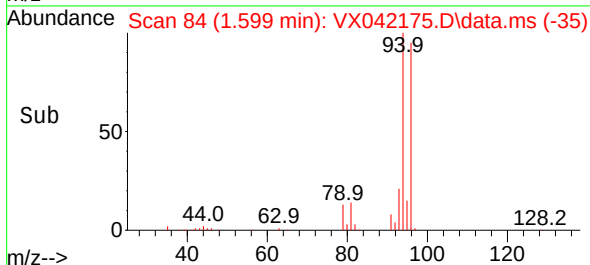
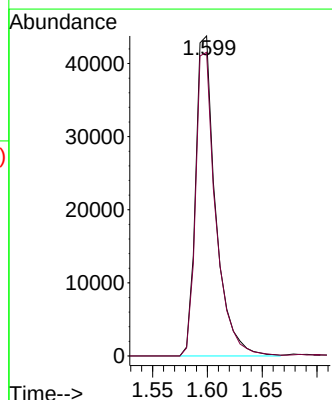
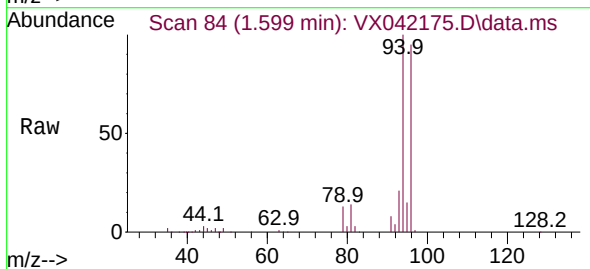
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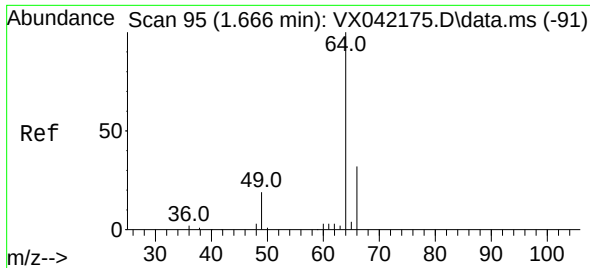
Tgt Ion: 94 Resp: 55635

Ion Ratio Lower Upper

94 100

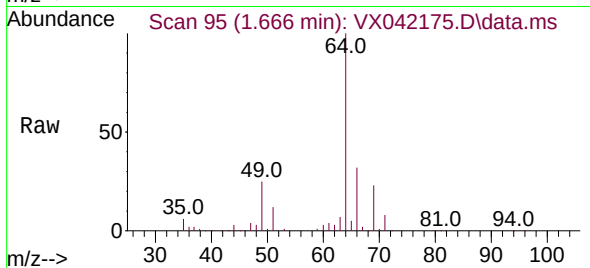
96 94.9 66.4 123.4



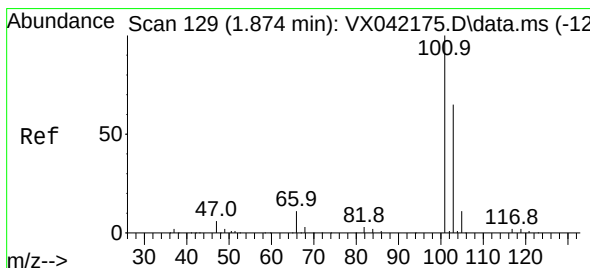
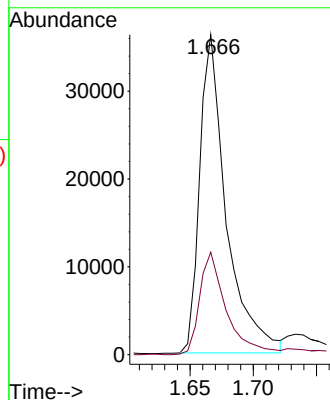
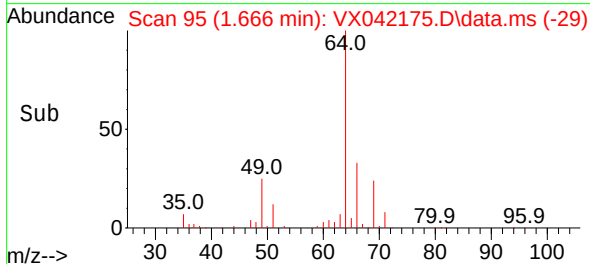


#8
Chloroethane
Concen: 52.892 ug/L
RT: 1.666 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX042175.D
Acq: 03 Jul 2024 20:15

Instrument :
MSVOA_X
ClientSampleId :

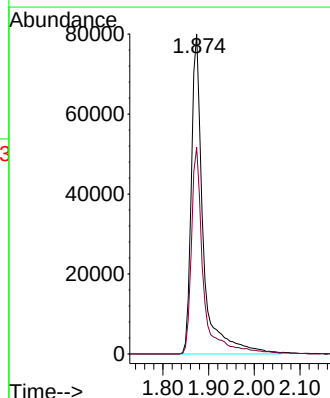
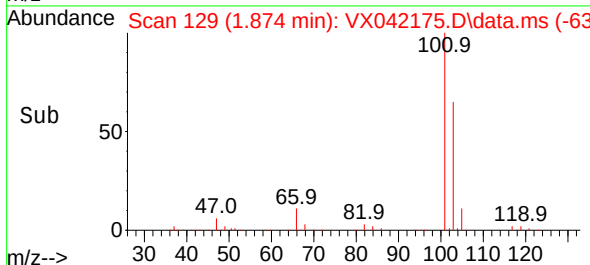
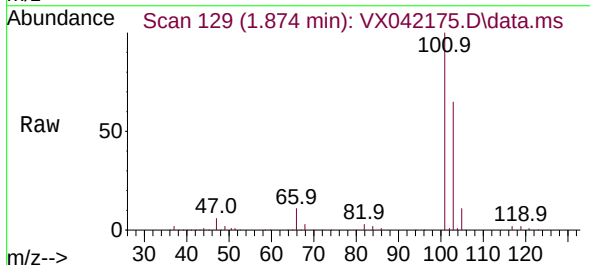


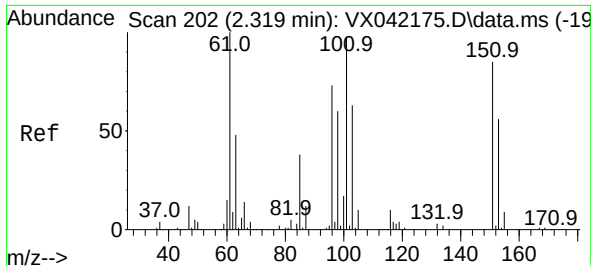
Tgt Ion: 64 Resp: 52969
Ion Ratio Lower Upper
64 100
66 32.1 22.5 41.7



#9
Trichlorofluoromethane
Concen: 48.392 ug/L
RT: 1.874 min Scan# 129
Delta R.T. 0.000 min
Lab File: VX042175.D
Acq: 03 Jul 2024 20:15

Tgt Ion:101 Resp: 145070
Ion Ratio Lower Upper
101 100
103 62.8 50.2 75.4

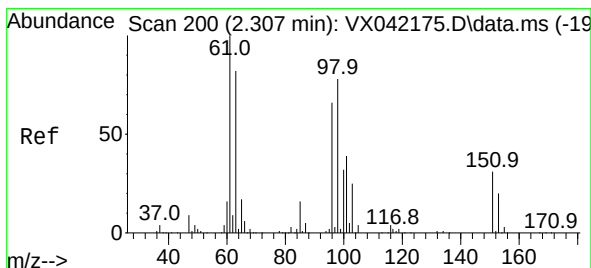
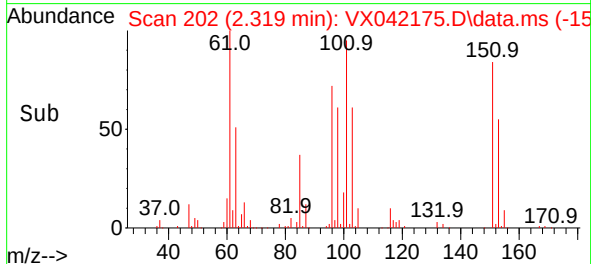
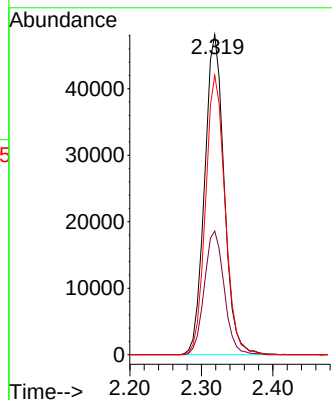
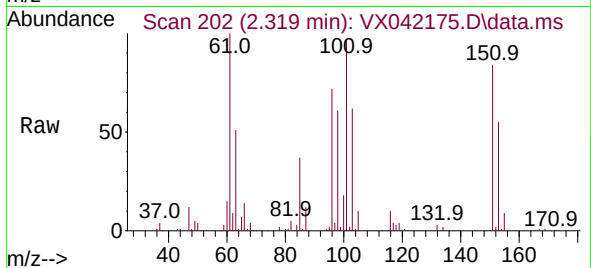




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.931 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX042175.D
 Acq: 03 Jul 2024 20:15

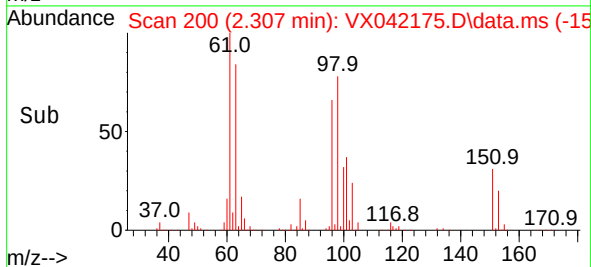
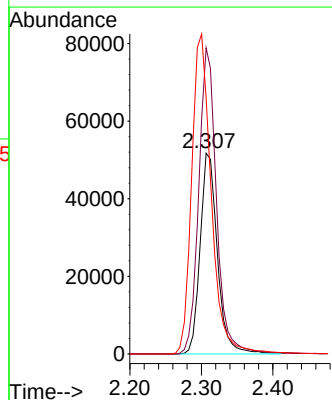
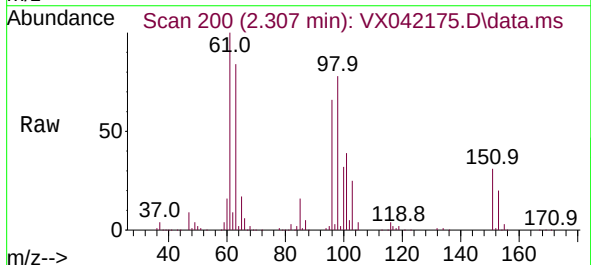
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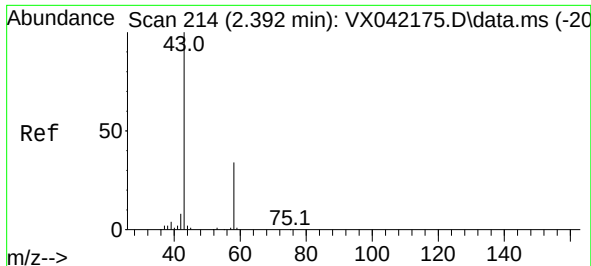
Tgt Ion: 101 Resp: 91499
 Ion Ratio Lower Upper
 101 100
 85 39.1 31.3 46.9
 151 87.1 69.7 104.5



#12
 1,1-Dichloroethene
 Concen: 52.816 ug/L
 RT: 2.307 min Scan# 200
 Delta R.T. 0.000 min
 Lab File: VX042175.D
 Acq: 03 Jul 2024 20:15

Tgt Ion: 96 Resp: 86854
 Ion Ratio Lower Upper
 96 100
 61 152.4 106.7 198.1
 63 127.4 89.2 165.6





#13

Acetone

Concen: 72.280 ug/L

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX042175.D

Acq: 03 Jul 2024 20:15

Instrument :

MSVOA_X

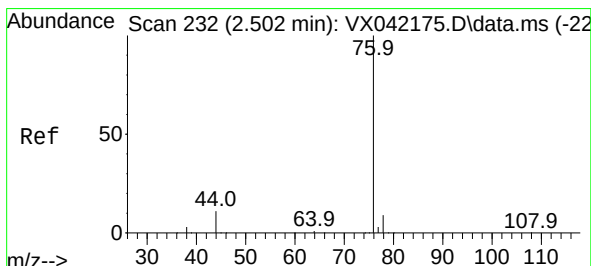
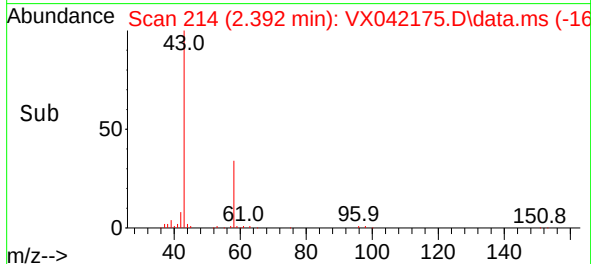
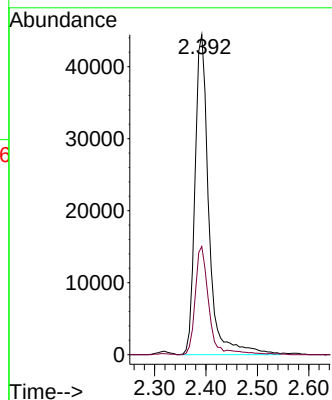
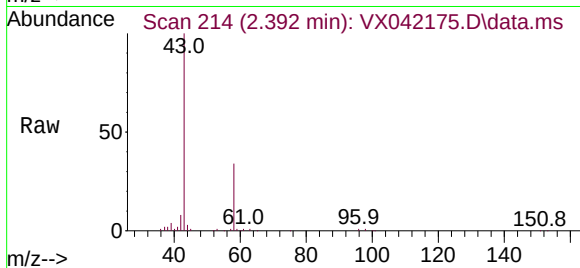
ClientSampleId :

Tgt Ion: 43 Resp: 83370

Ion Ratio Lower Upper

43 100

58 31.3 0.0 62.6



#14

Carbon disulfide

Concen: 54.272 ug/L

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX042175.D

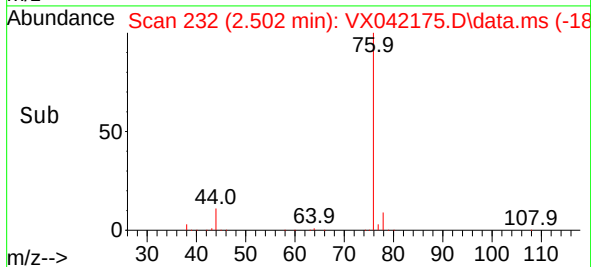
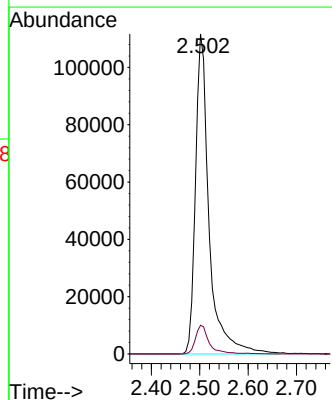
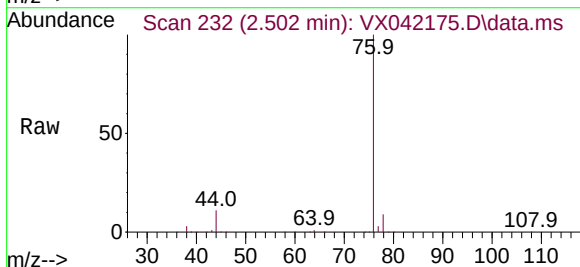
Acq: 03 Jul 2024 20:15

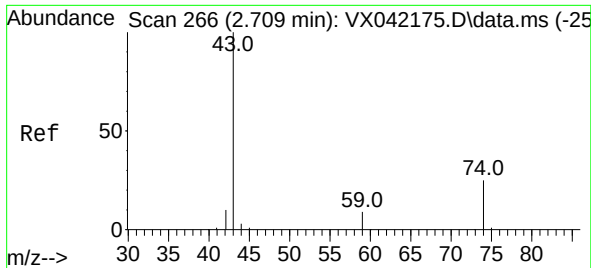
Tgt Ion: 76 Resp: 217433

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7





#15

Methyl Acetate

Concen: 50.127 ug/L

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX042175.D

Acq: 03 Jul 2024 20:15

Instrument :

MSVOA_X

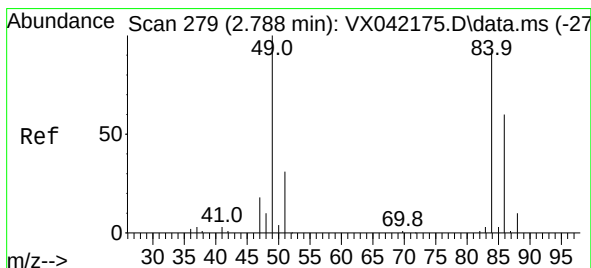
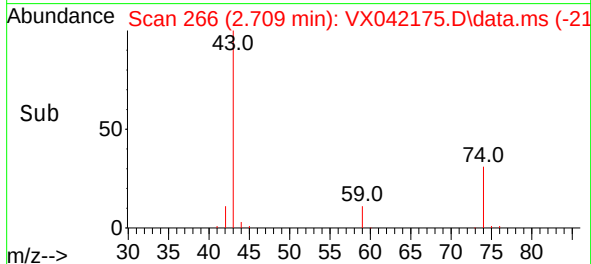
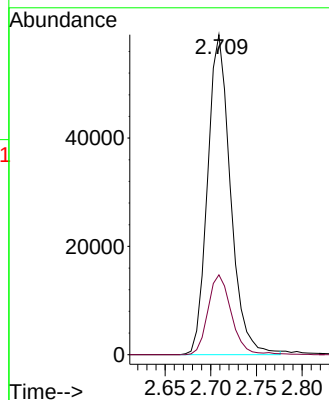
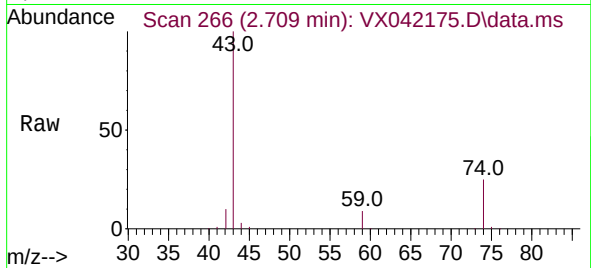
ClientSampleId :

Tgt Ion: 43 Resp: 102907

Ion Ratio Lower Upper

43 100

74 25.1 20.1 30.1



#16

Methylene chloride

Concen: 54.247 ug/L

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX042175.D

Acq: 03 Jul 2024 20:15

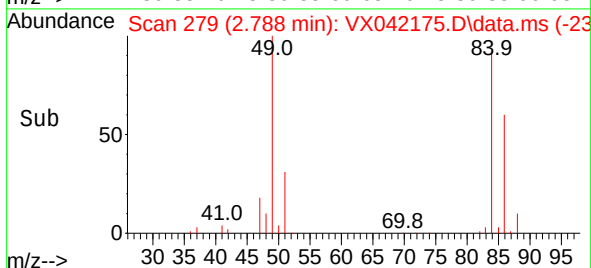
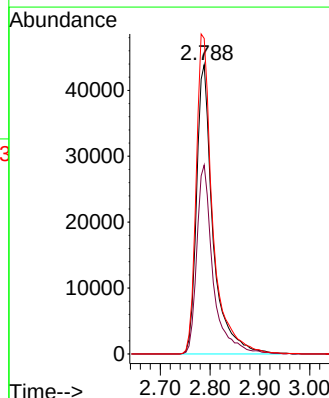
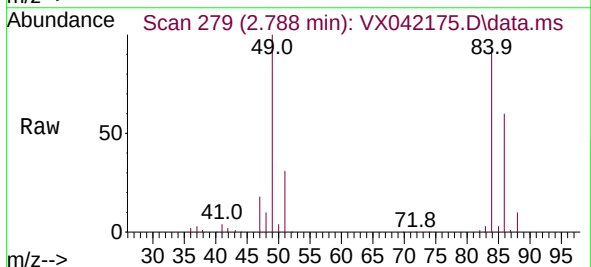
Tgt Ion: 84 Resp: 100425

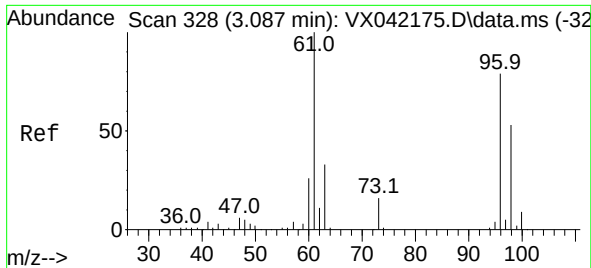
Ion Ratio Lower Upper

84 100

86 65.3 45.7 84.9

49 109.1 76.4 141.8

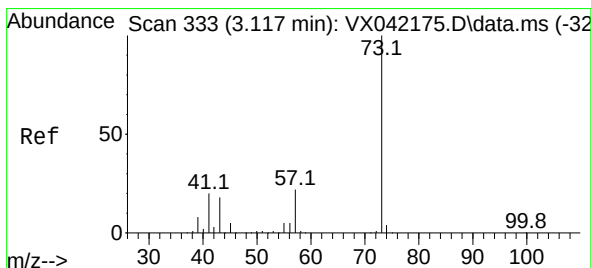
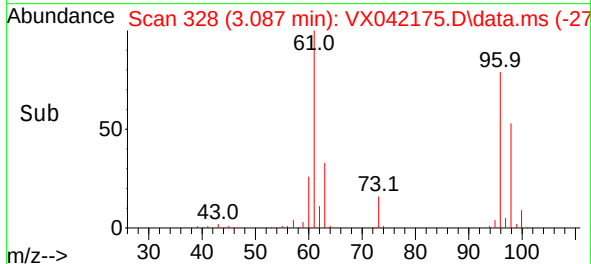
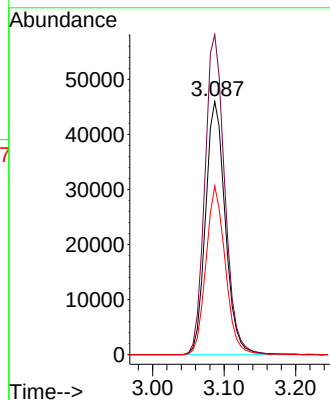
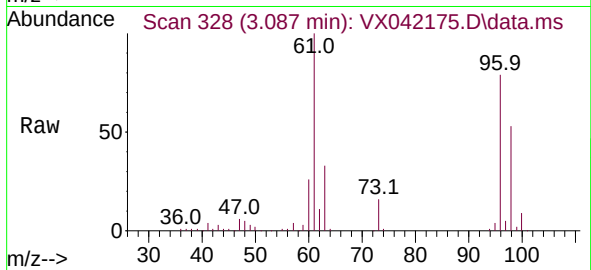




#17
trans-1,2-Dichloroethene
Concen: 52.287 ug/L
RT: 3.087 min Scan# 317
Delta R.T. 0.000 min
Lab File: VX042175.D
Acq: 03 Jul 2024 20:15

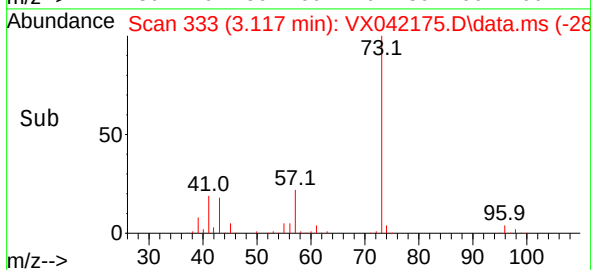
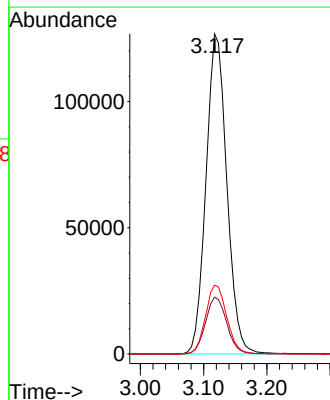
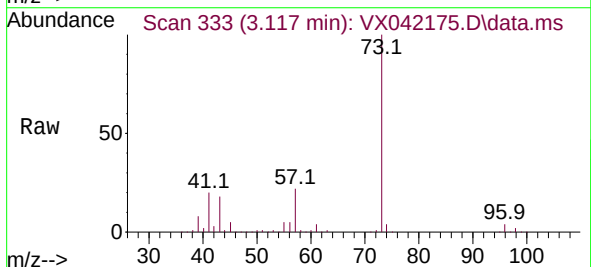
Instrument :
MSVOA_X
ClientSampleId :

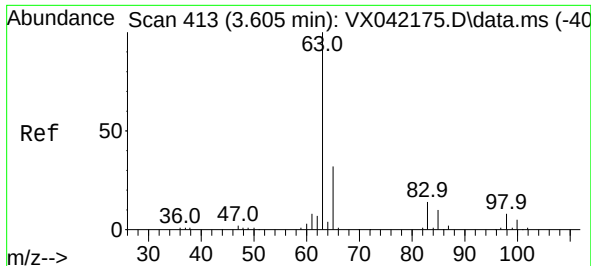
Tgt Ion: 96 Resp: 88205
Ion Ratio Lower Upper
96 100
61 126.3 88.4 164.2
98 66.5 46.5 86.5



#18
Methyl tert-butyl Ether
Concen: 50.821 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX042175.D
Acq: 03 Jul 2024 20:15

Tgt Ion: 73 Resp: 290533
Ion Ratio Lower Upper
73 100
43 18.1 14.5 21.7
57 21.9 17.5 26.3





#19

1,1-Dichloroethane

Concen: 51.217 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX042175.D

Acq: 03 Jul 2024 20:15

Instrument :

MSVOA_X

ClientSampleId :

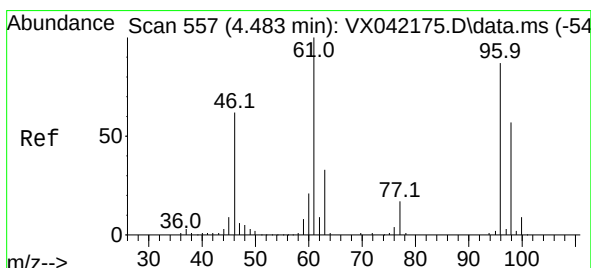
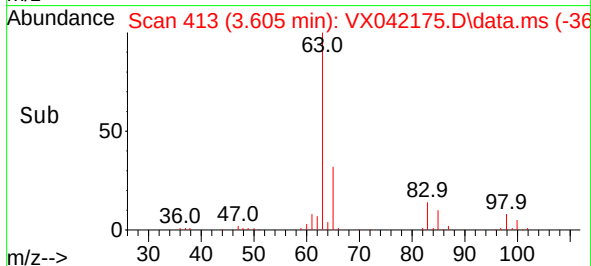
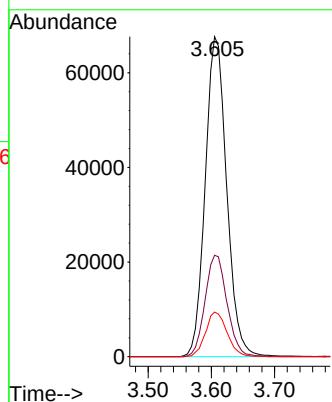
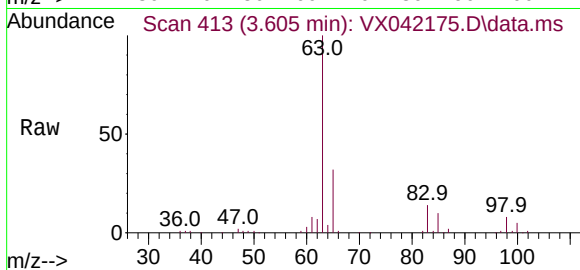
Tgt Ion: 63 Resp: 159546

Ion Ratio Lower Upper

63 100

65 31.7 22.2 41.2

83 14.0 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 53.062 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX042175.D

Acq: 03 Jul 2024 20:15

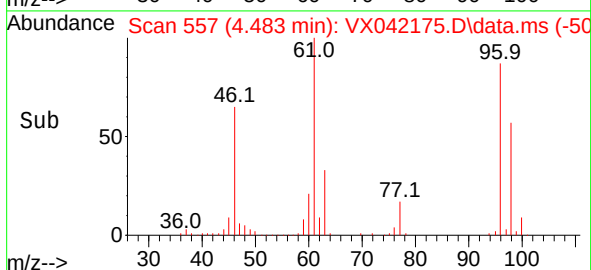
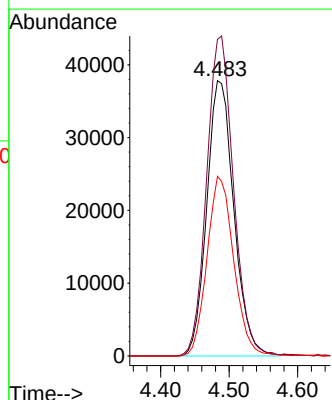
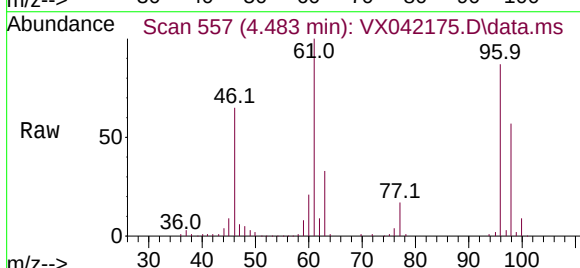
Tgt Ion: 96 Resp: 104042

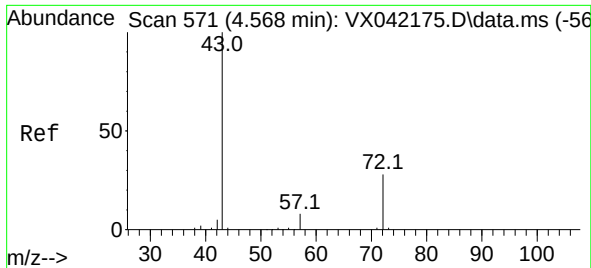
Ion Ratio Lower Upper

96 100

61 115.0 80.5 149.5

98 65.3 45.7 84.9

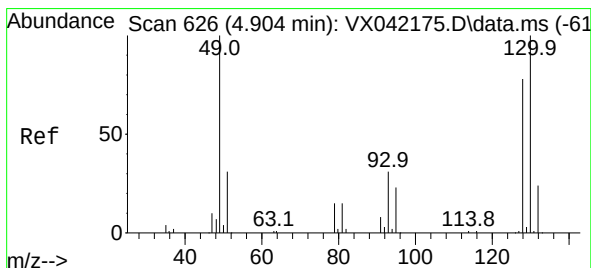
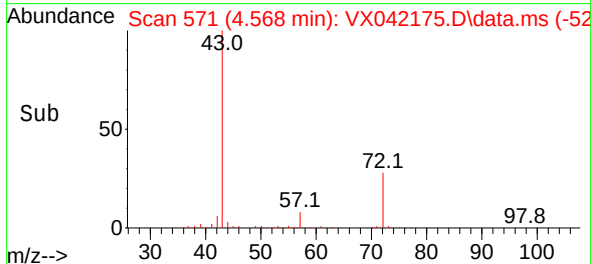
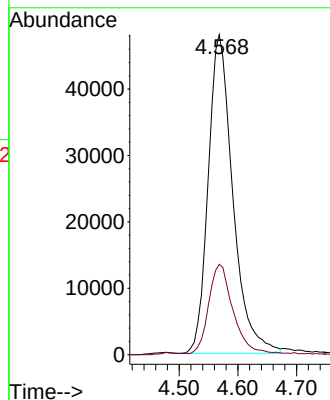
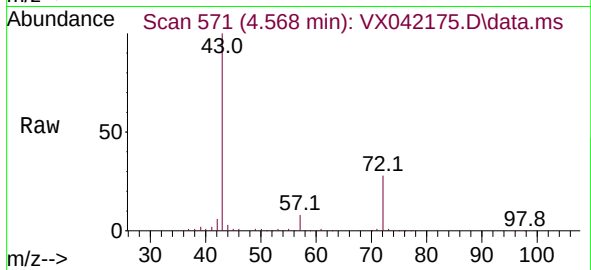




#22
2-Butanone
Concen: 93.462 ug/L
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX042175.D
Acq: 03 Jul 2024 20:15

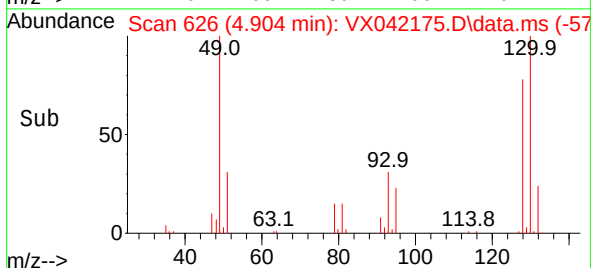
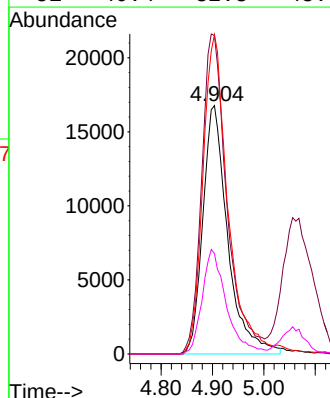
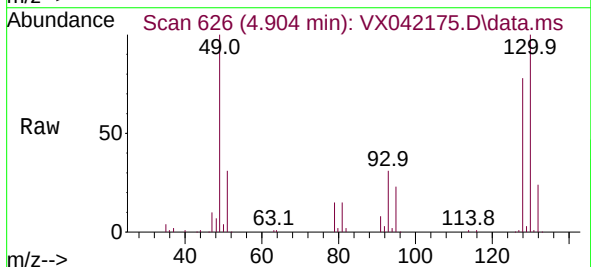
Instrument :
MSVOA_X
ClientSampleId :

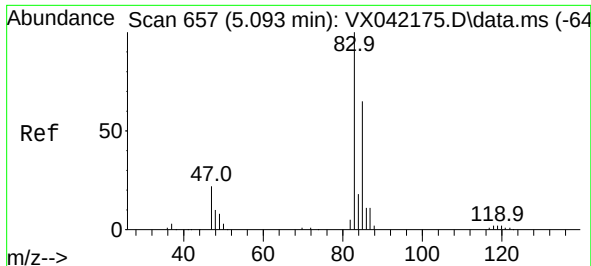
Tgt Ion: 43 Resp: 139877
Ion Ratio Lower Upper
43 100
72 27.4 13.7 41.1



#23
Bromochloromethane
Concen: 53.856 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX042175.D
Acq: 03 Jul 2024 20:15

Tgt Ion: 128 Resp: 56369
Ion Ratio Lower Upper
128 100
49 128.2 89.7 166.7
130 128.6 90.0 167.2
51 40.4 32.3 48.5





#25

Chloroform

Concen: 50.468 ug/L

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX042175.D

Acq: 03 Jul 2024 20:15

Instrument :

MSVOA_X

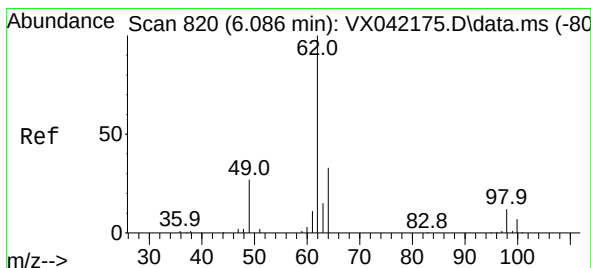
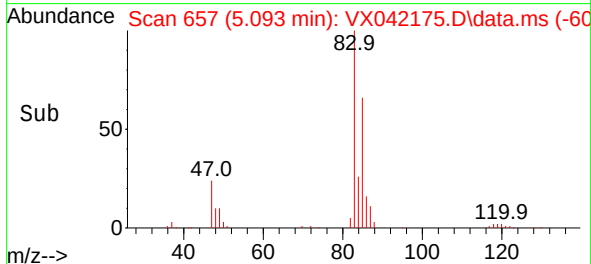
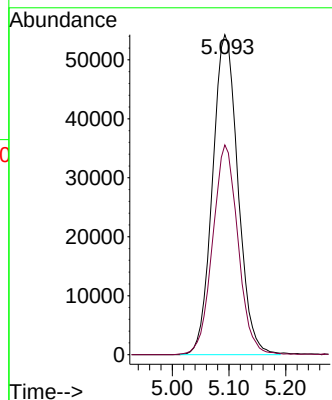
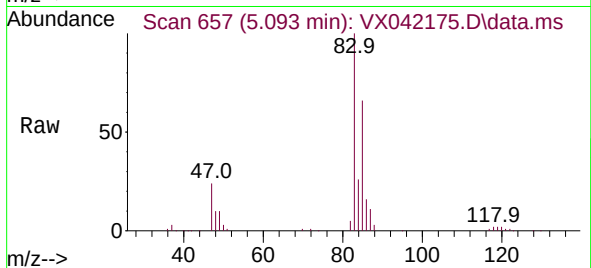
ClientSampleId :

Tgt Ion: 83 Resp: 169033

Ion Ratio Lower Upper

83 100

85 65.5 45.8 85.2



#27

1,2-Dichloroethane

Concen: 45.210 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX042175.D

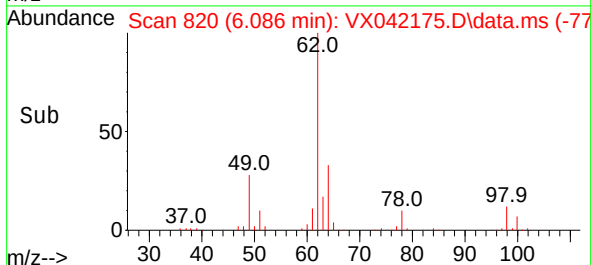
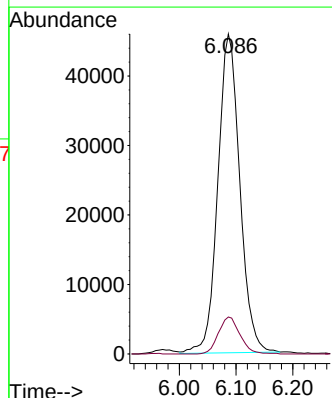
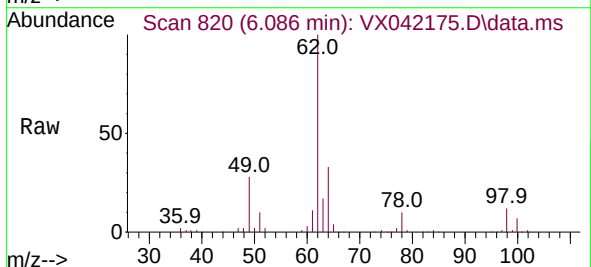
Acq: 03 Jul 2024 20:15

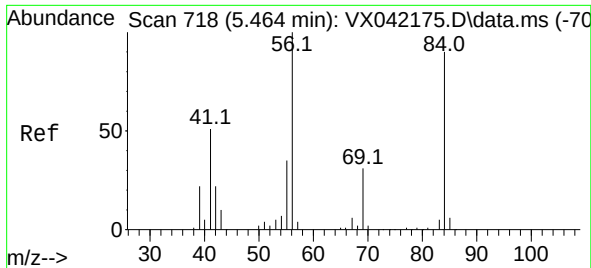
Tgt Ion: 62 Resp: 123414

Ion Ratio Lower Upper

62 100

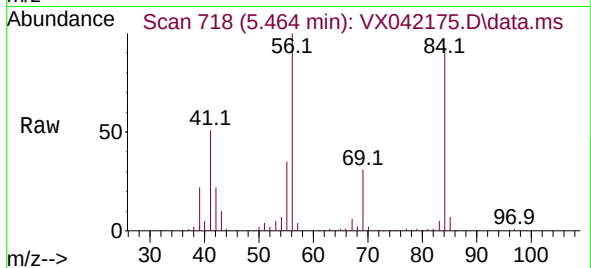
98 11.6 9.3 13.9



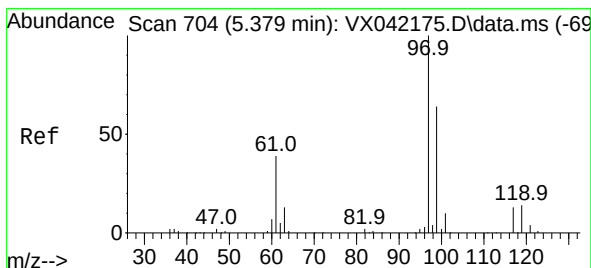
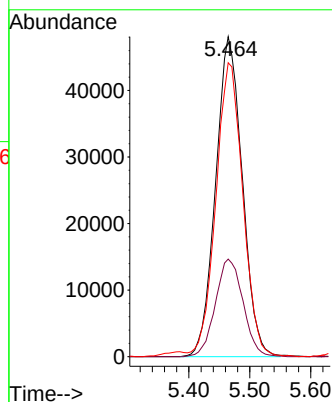
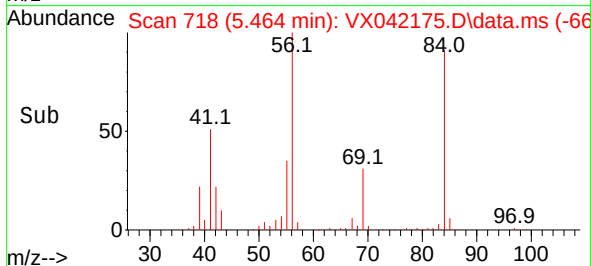


#29
Cyclohexane
Concen: 50.091 ug/L
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX042175.D
Acq: 03 Jul 2024 20:15

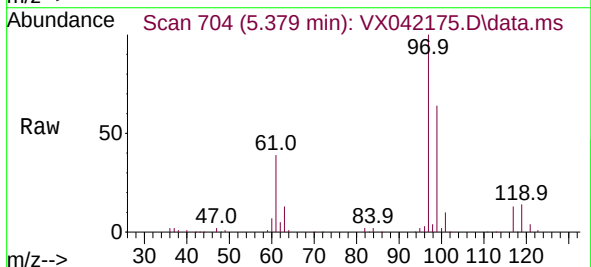
Instrument :
MSVOA_X
ClientSampleId :



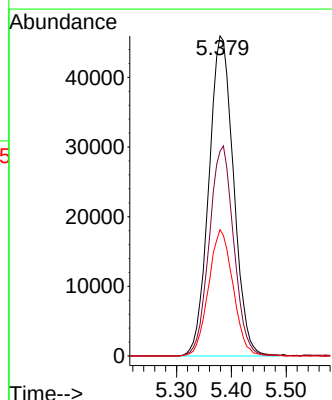
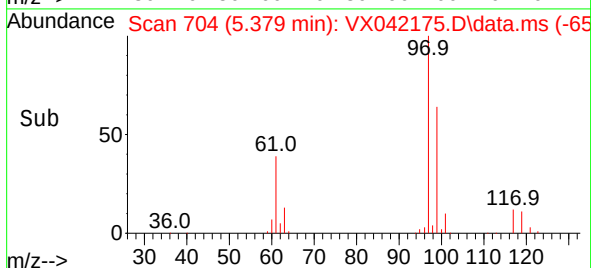
Tgt Ion: 56 Resp: 146140
Ion Ratio Lower Upper
56 100
69 31.6 25.3 37.9
84 92.7 74.0 111.0

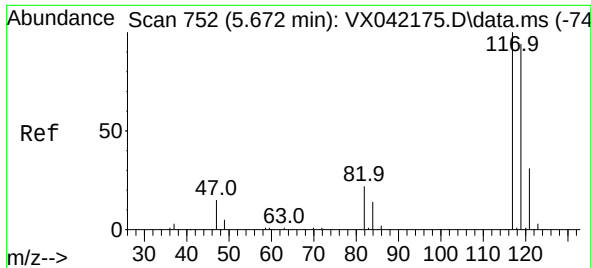


#30
1,1,1-Trichloroethane
Concen: 47.160 ug/L
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX042175.D
Acq: 03 Jul 2024 20:15



Tgt Ion: 97 Resp: 143864
Ion Ratio Lower Upper
97 100
99 65.0 52.0 78.0
61 39.0 31.2 46.8

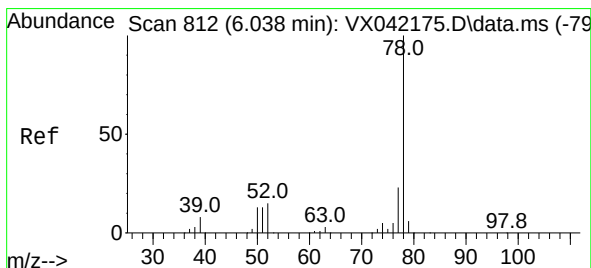
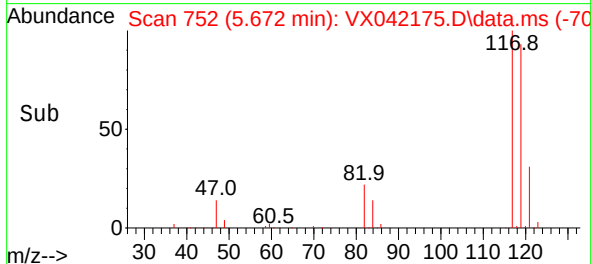
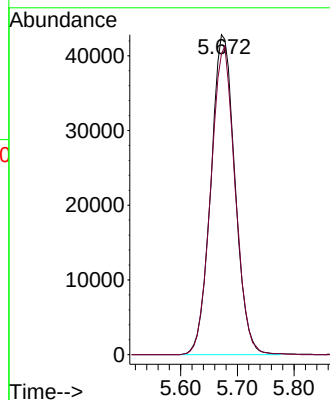
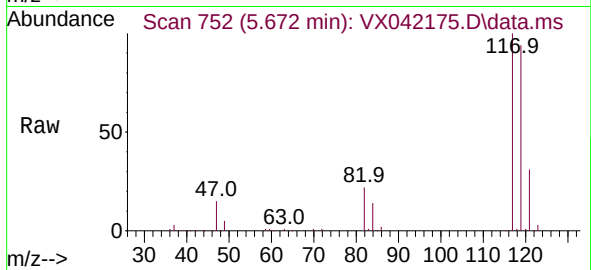




#31
Carbon tetrachloride
Concen: 46.857 ug/L
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX042175.D
Acq: 03 Jul 2024 20:15

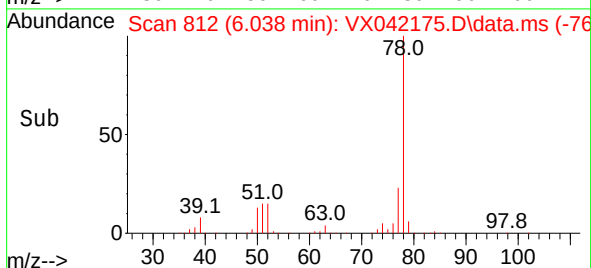
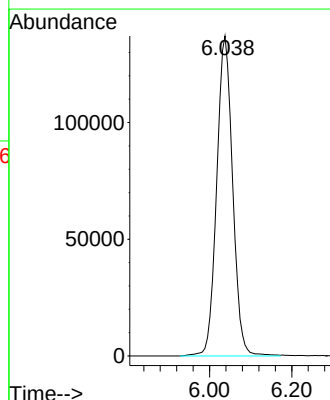
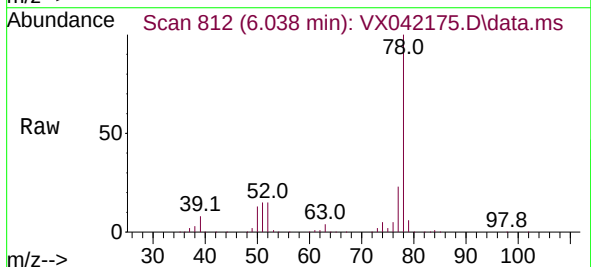
Instrument :
MSVOA_X
ClientSampleId :

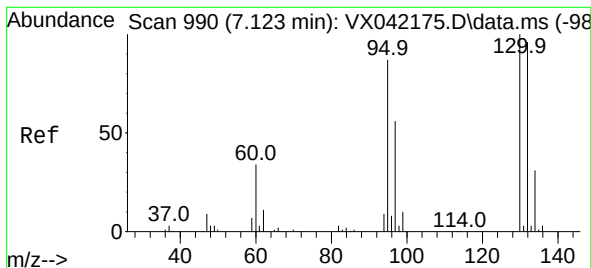
Tgt Ion:117 Resp: 126453
Ion Ratio Lower Upper
117 100
119 97.1 77.7 116.5



#33
Benzene
Concen: 50.148 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX042175.D
Acq: 03 Jul 2024 20:15

Tgt Ion: 78 Resp: 369771





#34

Trichloroethene

Concen: 48.360 ug/L

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

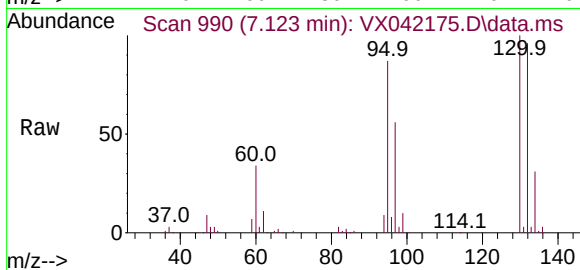
Lab File: VX042175.D

Acq: 03 Jul 2024 20:15

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 97067

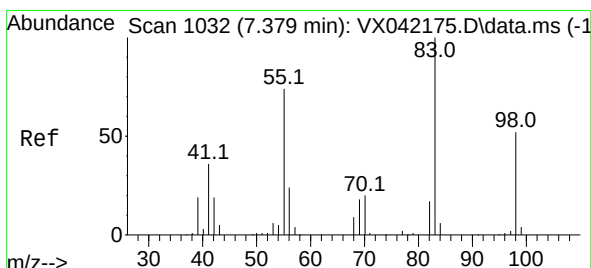
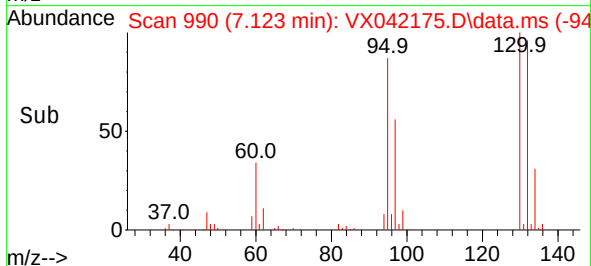
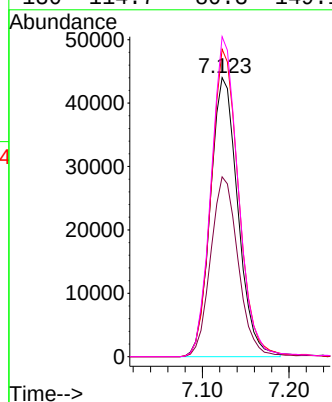
Ion Ratio Lower Upper

95 100

97 64.4 45.1 83.7

132 110.3 77.2 143.4

130 114.7 80.3 149.1



#35

Methylcyclohexane

Concen: 48.676 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX042175.D

Acq: 03 Jul 2024 20:15

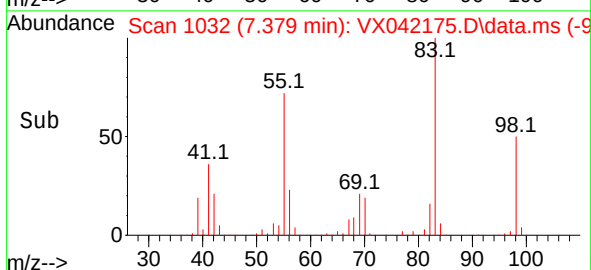
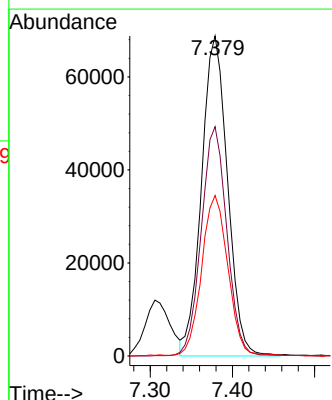
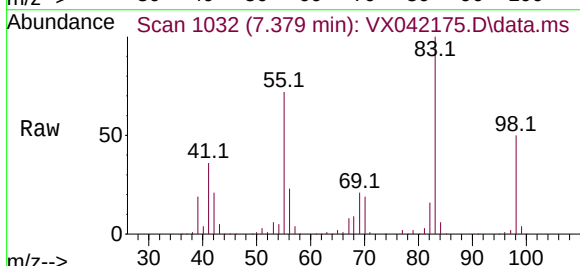
Tgt Ion: 83 Resp: 151203

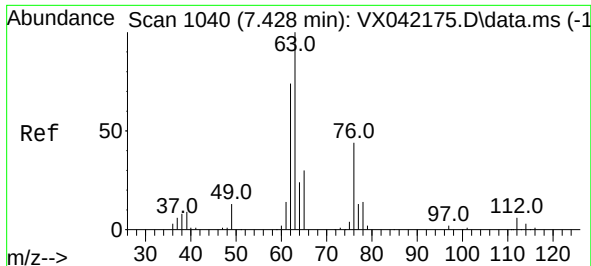
Ion Ratio Lower Upper

83 100

55 70.5 56.4 84.6

98 50.5 40.4 60.6





#37

1,2-Dichloropropane

Concen: 51.708 ug/L

RT: 7.428 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX042175.D

Acq: 03 Jul 2024 20:15

Instrument :

MSVOA_X

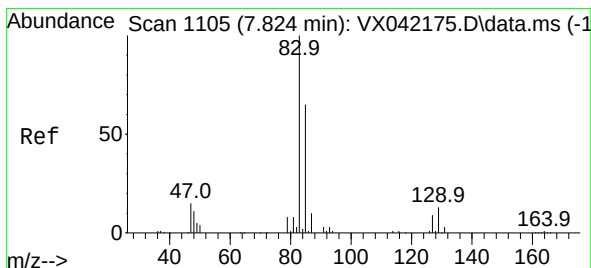
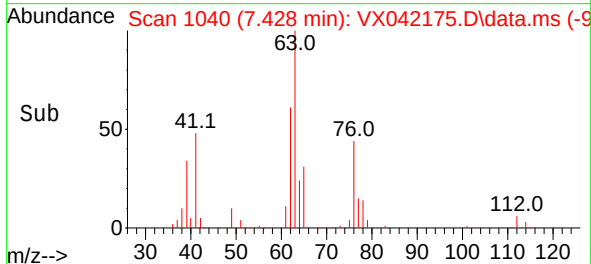
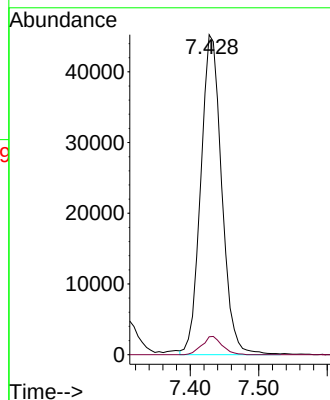
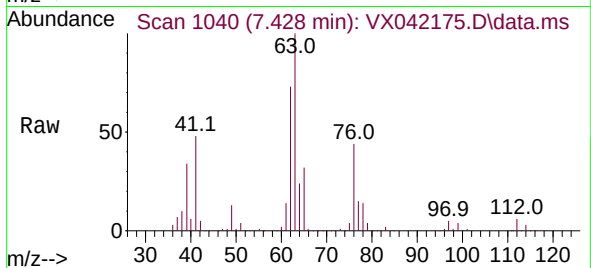
ClientSampleId :

Tgt Ion: 63 Resp: 96406

Ion Ratio Lower Upper

63 100

112 5.4 4.3 6.5



#38

Bromodichloromethane

Concen: 47.602 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX042175.D

Acq: 03 Jul 2024 20:15

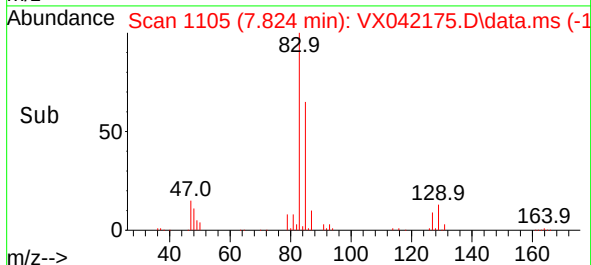
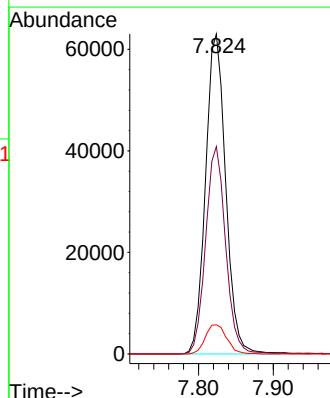
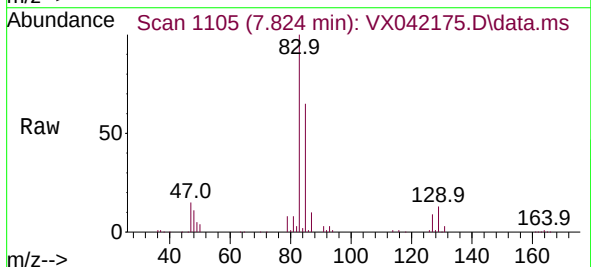
Tgt Ion: 83 Resp: 118148

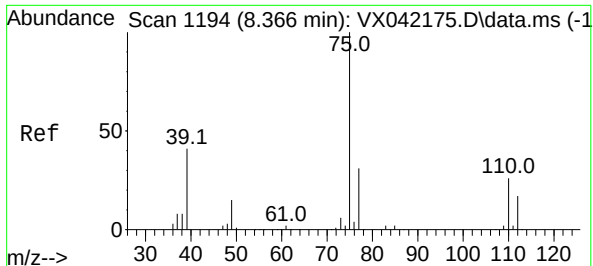
Ion Ratio Lower Upper

83 100

85 64.8 45.4 84.2

127 9.1 7.3 10.9

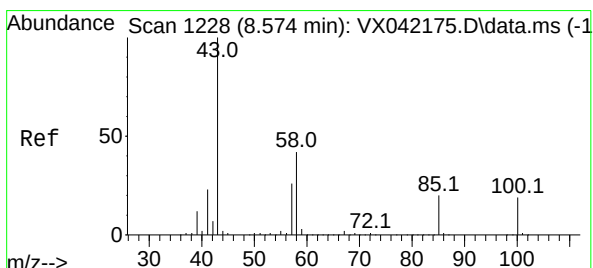
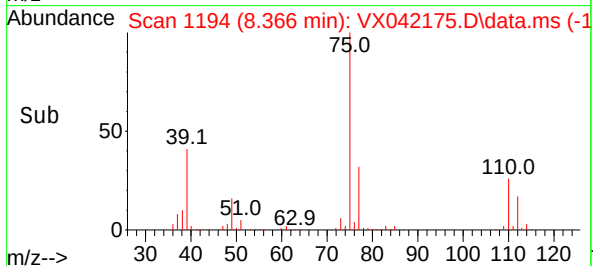
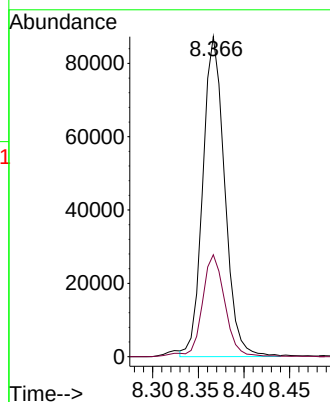
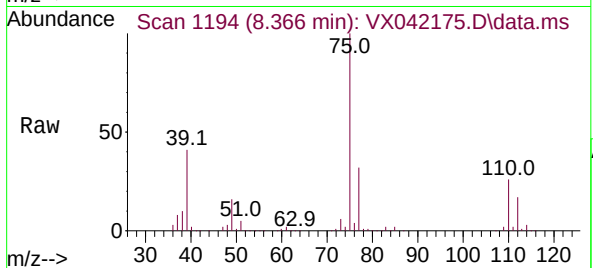




#39
cis-1,3-Dichloropropene
Concen: 47.814 ug/L
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX042175.D
Acq: 03 Jul 2024 20:15

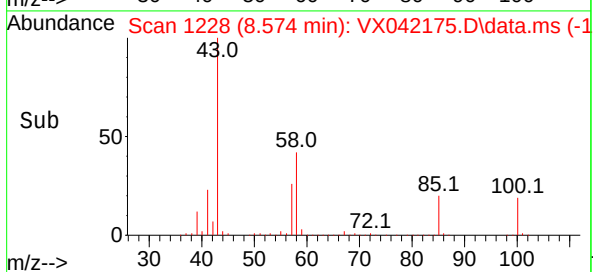
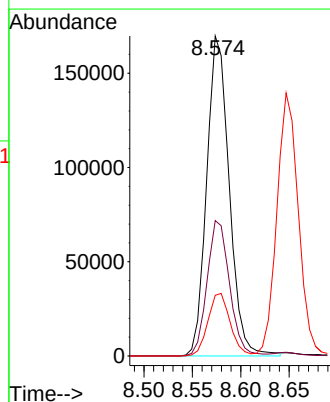
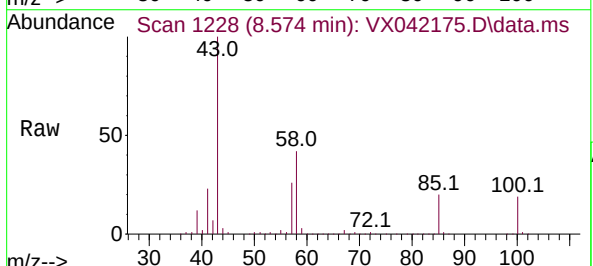
Instrument :
MSVOA_X
ClientSampleId :

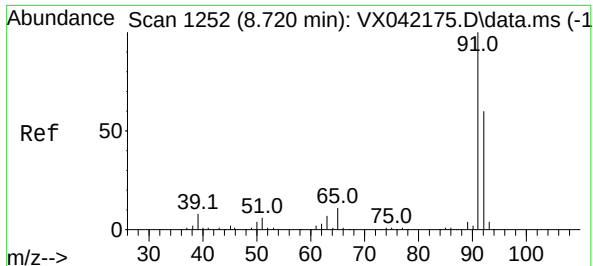
Tgt Ion: 75 Resp: 145525
Ion Ratio Lower Upper
75 100
77 31.8 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 93.402 ug/L
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX042175.D
Acq: 03 Jul 2024 20:15

Tgt Ion: 43 Resp: 275875
Ion Ratio Lower Upper
43 100
58 42.1 33.7 50.5
100 19.3 15.4 23.2





#42

Toluene

Concen: 49.493 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX042175.D

Acq: 03 Jul 2024 20:15

Instrument :

MSVOA_X

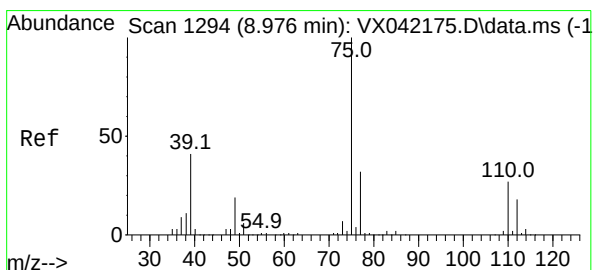
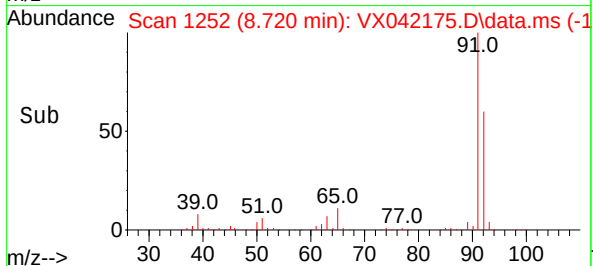
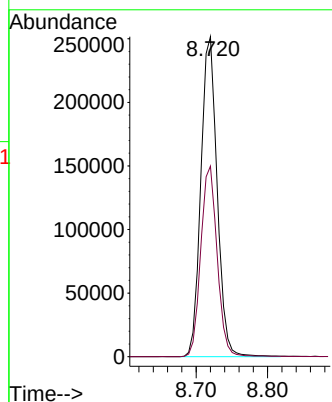
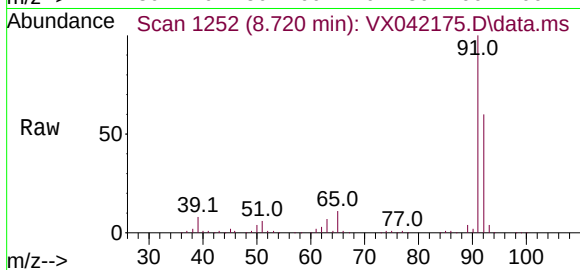
ClientSampleId :

Tgt Ion: 91 Resp: 397912

Ion Ratio Lower Upper

91 100

92 59.5 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 46.157 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX042175.D

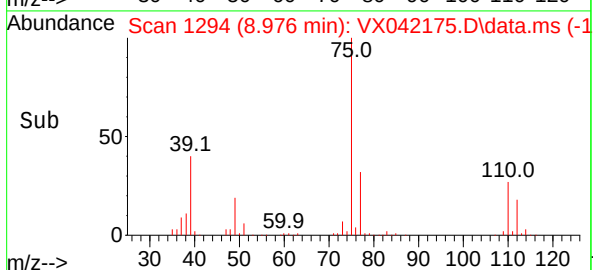
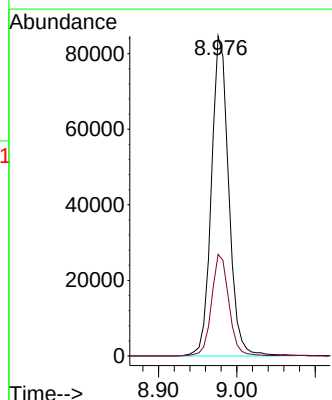
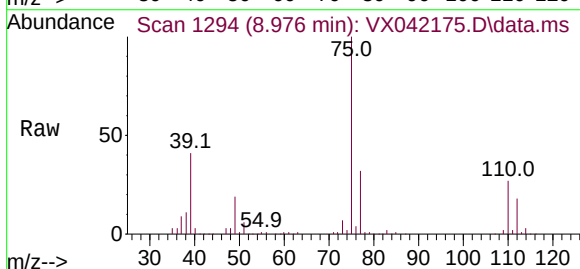
Acq: 03 Jul 2024 20:15

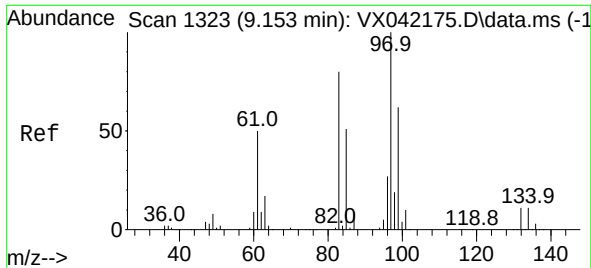
Tgt Ion: 75 Resp: 130017

Ion Ratio Lower Upper

75 100

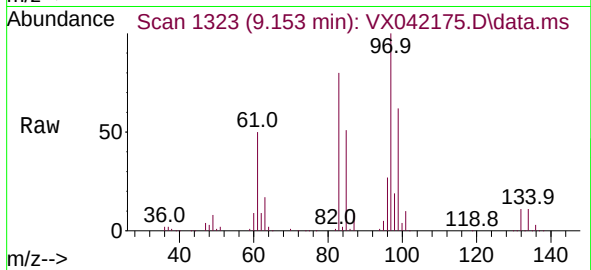
77 31.7 22.2 41.2



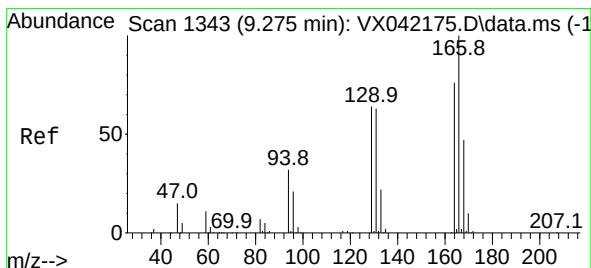
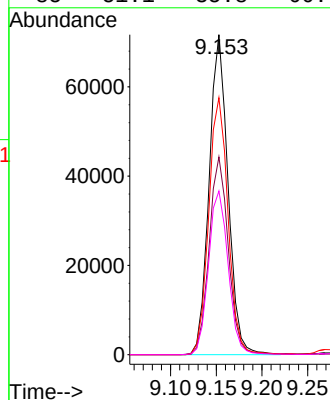
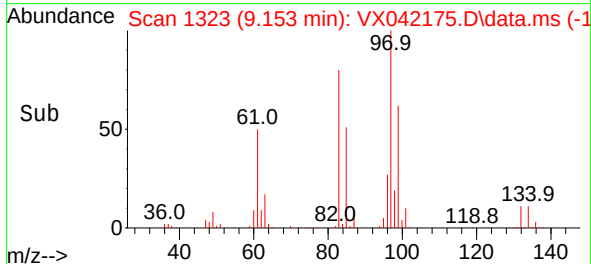


#45
1,1,2-Trichloroethane
Concen: 49.936 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX042175.D
Acq: 03 Jul 2024 20:15

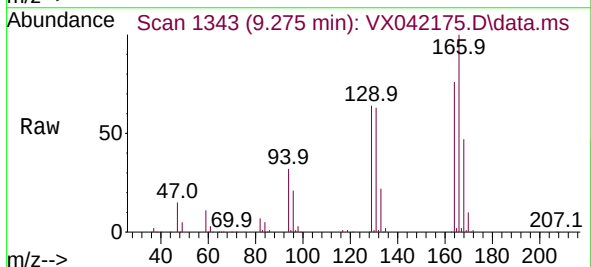
Instrument :
MSVOA_X
ClientSampleId :



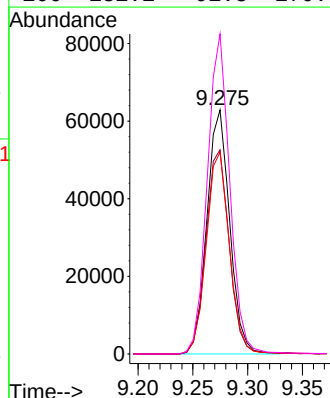
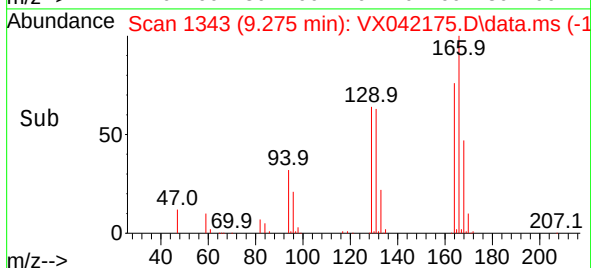
Tgt Ion:	97	Resp:	102873
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.3	80.3
83	80.3	56.2	104.4
85	51.1	35.8	66.4

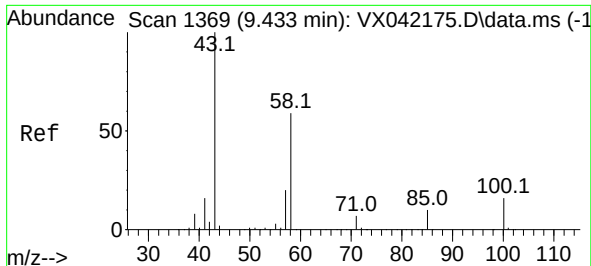


#46
Tetrachloroethene
Concen: 47.359 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX042175.D
Acq: 03 Jul 2024 20:15



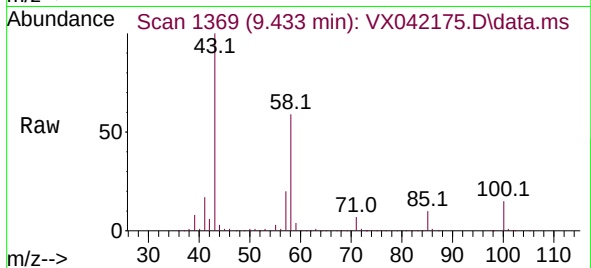
Tgt Ion:	164	Resp:	91112
Ion	Ratio	Lower	Upper
164	100		
129	83.7	58.6	108.8
131	82.7	57.9	107.5
166	131.1	91.8	170.4



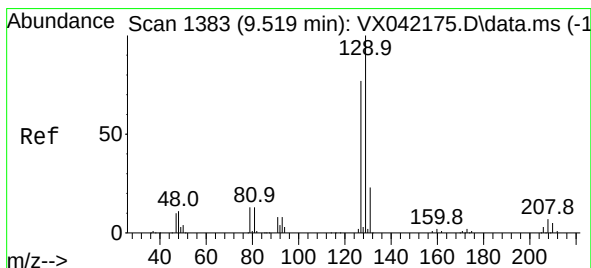
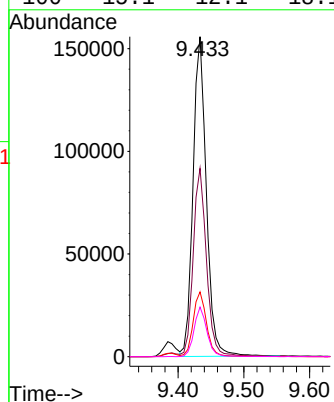
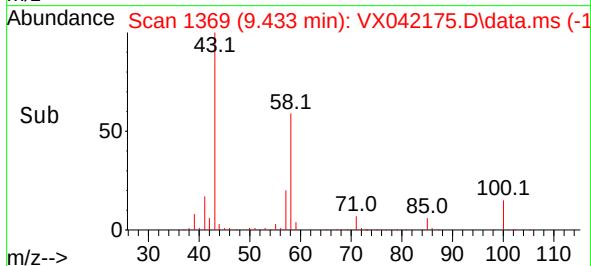


#48
2-Hexanone
Concen: 93.505 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX042175.D
Acq: 03 Jul 2024 20:15

Instrument :
MSVOA_X
ClientSampleId :

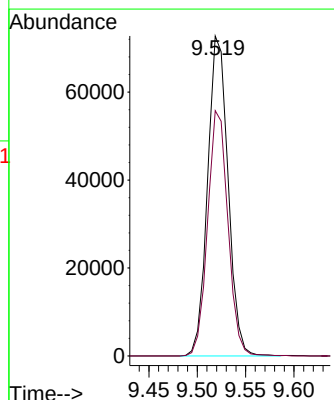
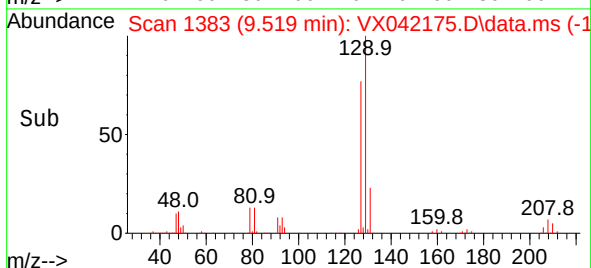
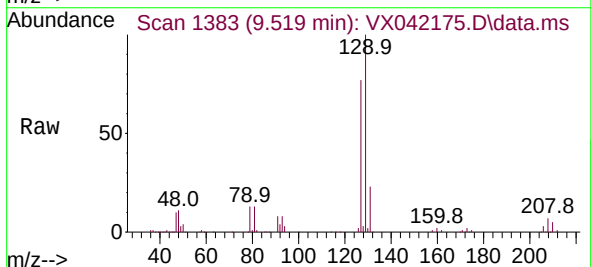


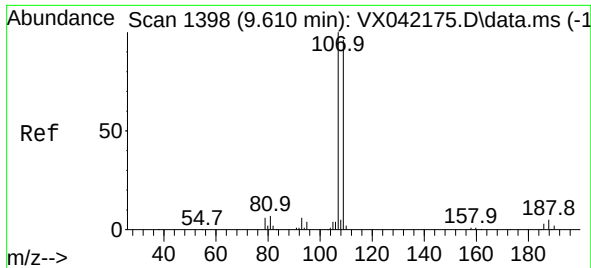
Tgt Ion:	43	Resp:	218339
Ion Ratio	100	Lower	Upper
58	58.0	46.4	69.6
57	20.4	16.3	24.5
100	15.1	12.1	18.1



#49
Dibromochloromethane
Concen: 51.571 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX042175.D
Acq: 03 Jul 2024 20:15

Tgt Ion:	129	Resp:	107056
Ion Ratio	100	Lower	Upper
127	76.7	53.7	99.7

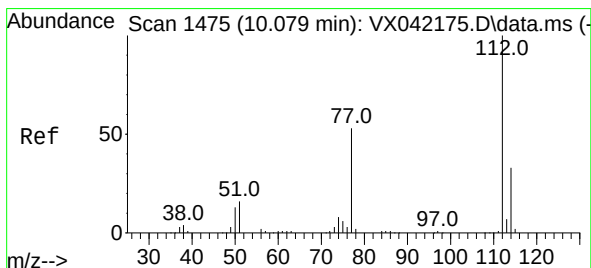
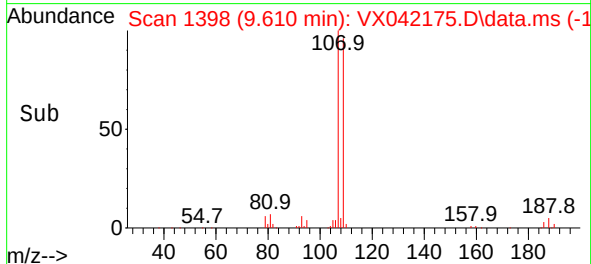
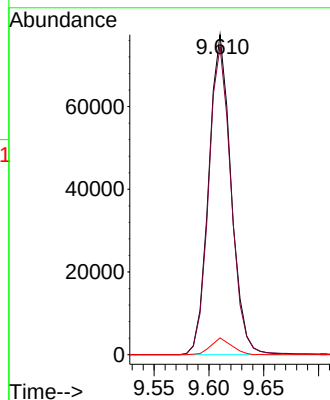
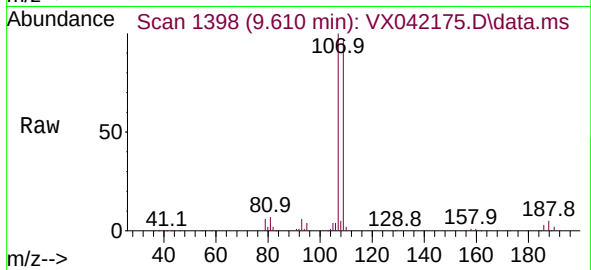




#50
1,2-Dibromoethane
Concen: 51.377 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX042175.D
Acq: 03 Jul 2024 20:15

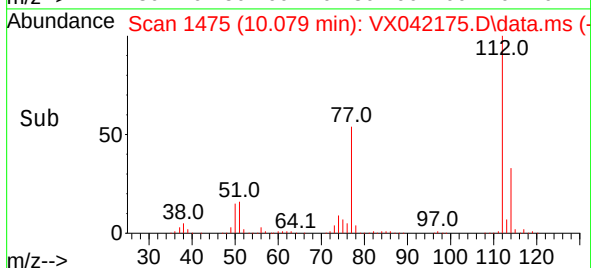
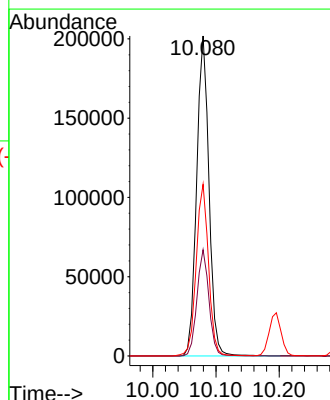
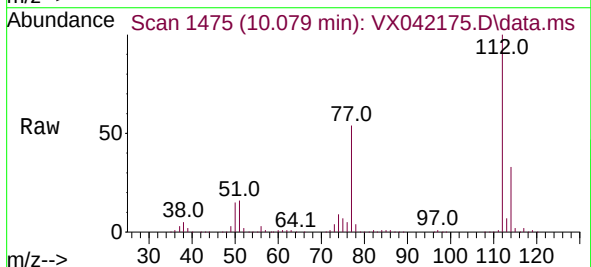
Instrument :
MSVOA_X
ClientSampleId :

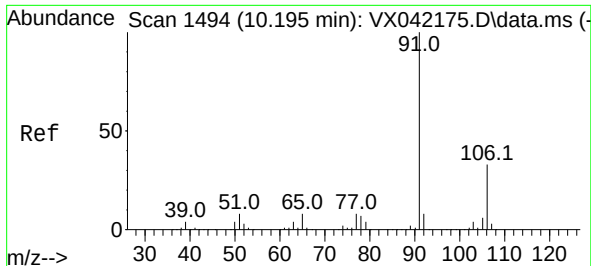
Tgt Ion:107 Resp: 109974
Ion Ratio Lower Upper
107 100
109 96.4 67.5 125.3
188 5.2 4.2 6.2



#51
Chlorobenzene
Concen: 51.054 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX042175.D
Acq: 03 Jul 2024 20:15

Tgt Ion:112 Resp: 273434
Ion Ratio Lower Upper
112 100
114 33.2 23.2 43.2
77 53.7 43.0 64.4





#52

Ethylbenzene

Concen: 50.098 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX042175.D

Acq: 03 Jul 2024 20:15

Instrument :

MSVOA_X

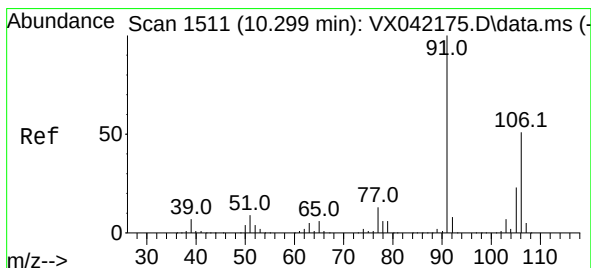
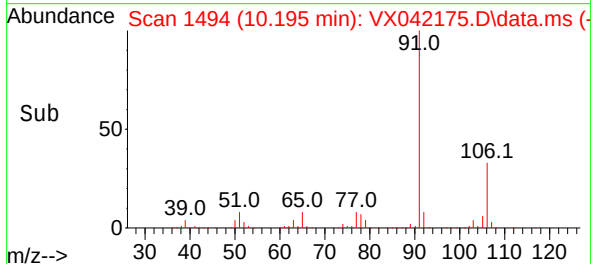
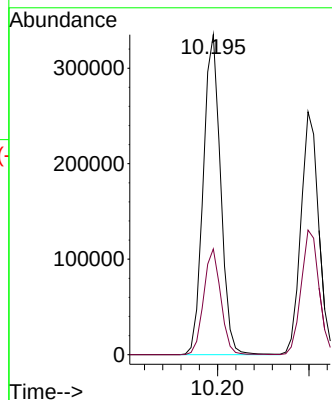
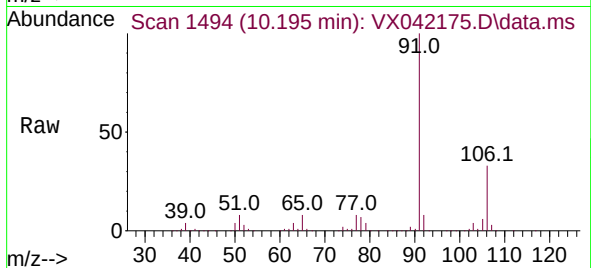
ClientSampleId :

Tgt Ion: 91 Resp: 440030

Ion Ratio Lower Upper

91 100

106 33.0 23.1 42.9



#53

m,p-Xylene

Concen: 49.672 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX042175.D

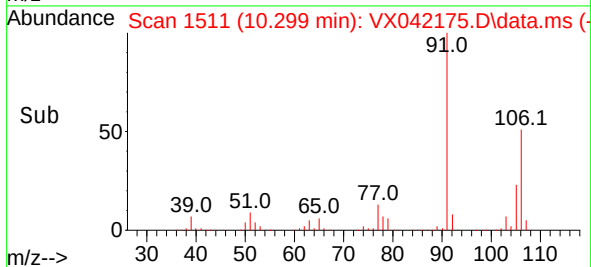
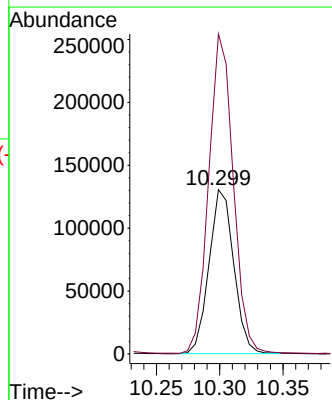
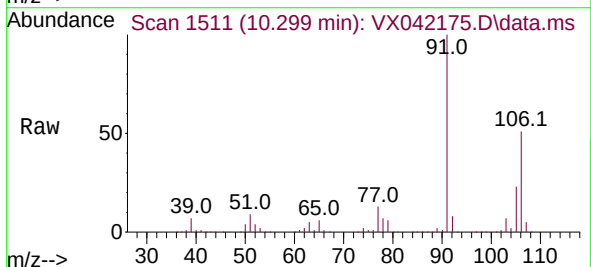
Acq: 03 Jul 2024 20:15

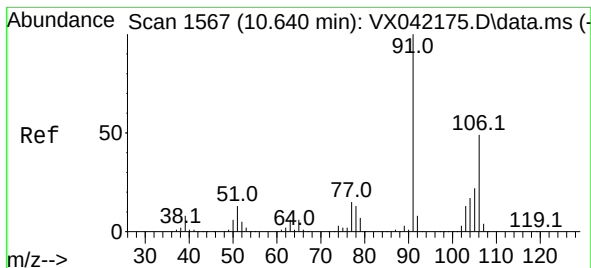
Tgt Ion:106 Resp: 177199

Ion Ratio Lower Upper

106 100

91 194.8 136.4 253.2





#54

o-Xylene

Concen: 48.659 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX042175.D

Acq: 03 Jul 2024 20:15

Instrument :

MSVOA_X

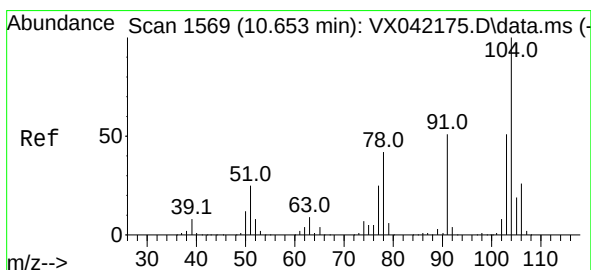
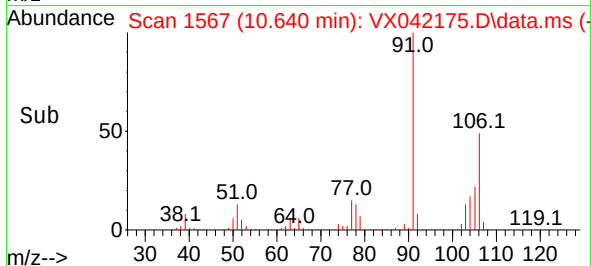
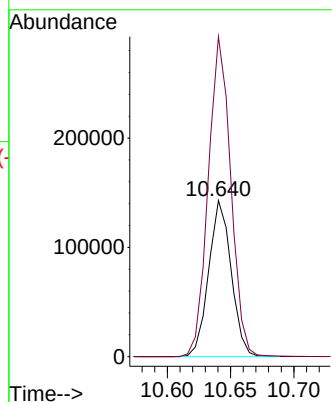
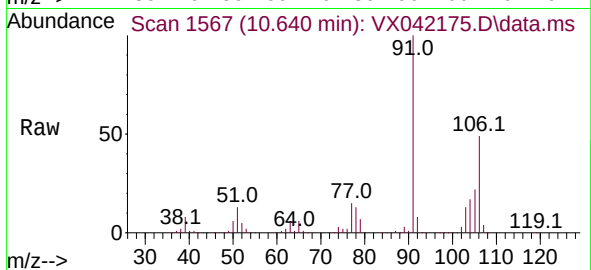
ClientSampleId :

Tgt Ion:106 Resp: 176840

Ion Ratio Lower Upper

106 100

91 204.8 143.4 266.2



#55

Styrene

Concen: 49.446 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX042175.D

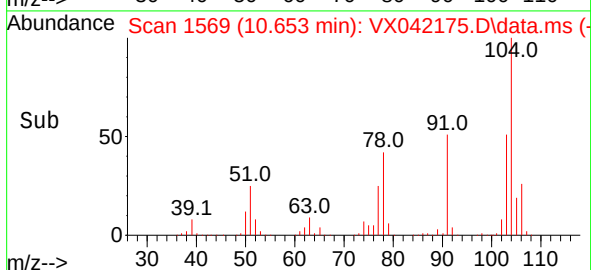
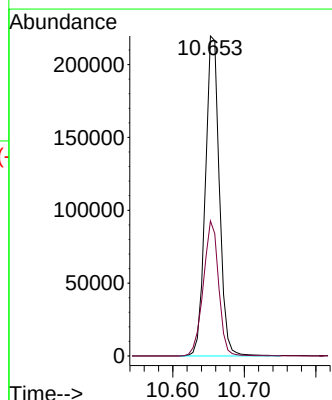
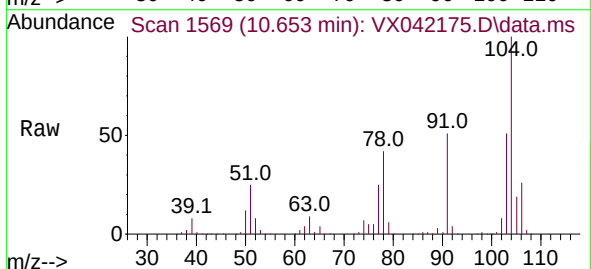
Acq: 03 Jul 2024 20:15

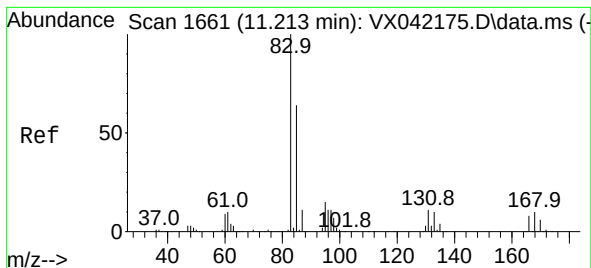
Tgt Ion:104 Resp: 300020

Ion Ratio Lower Upper

104 100

78 42.2 29.5 54.9





#57

1,1,2,2-Tetrachloroethane

Concen: 48.285 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042175.D

Acq: 03 Jul 2024 20:15

Instrument :

MSVOA_X

ClientSampleId :

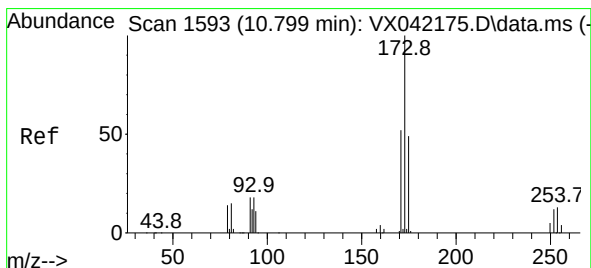
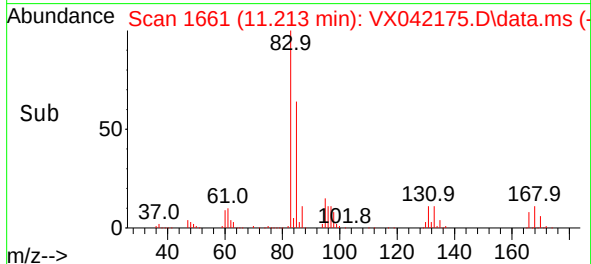
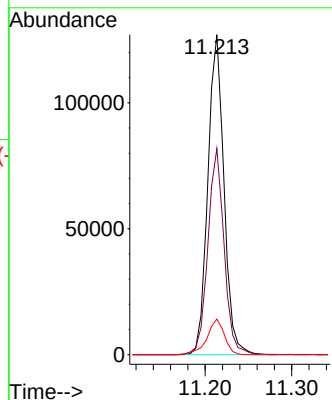
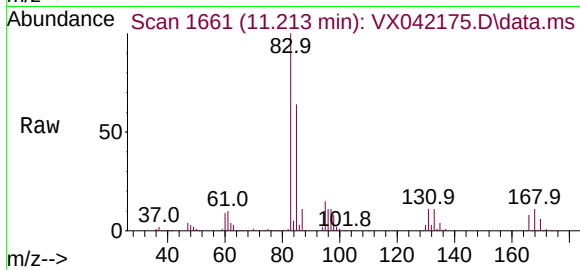
Tgt Ion: 83 Resp: 164135

Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.7

131 11.2 9.0 13.4



#59

Bromoform

Concen: 54.314 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX042175.D

Acq: 03 Jul 2024 20:15

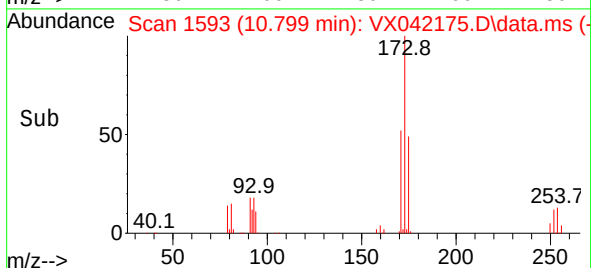
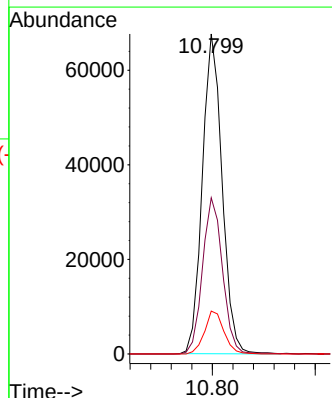
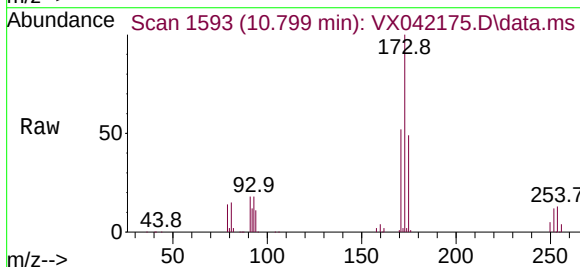
Tgt Ion:173 Resp: 90335

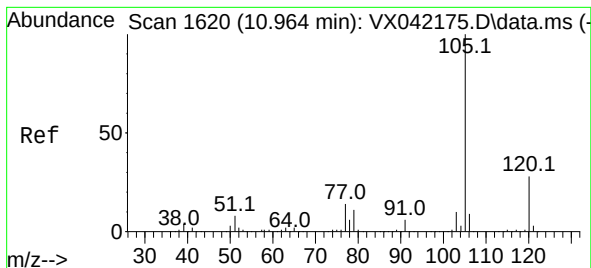
Ion Ratio Lower Upper

173 100

175 49.4 39.5 59.3

254 13.2 10.6 15.8





#60

Isopropylbenzene

Concen: 52.895 ug/L

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX042175.D

Acq: 03 Jul 2024 20:15

Instrument :

MSVOA_X

ClientSampleId :

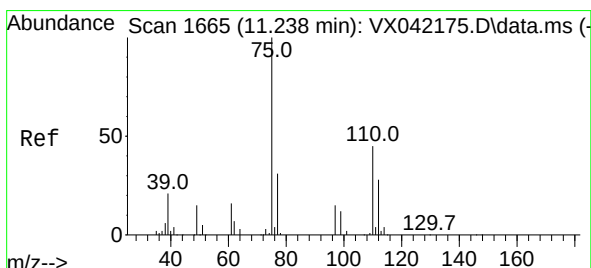
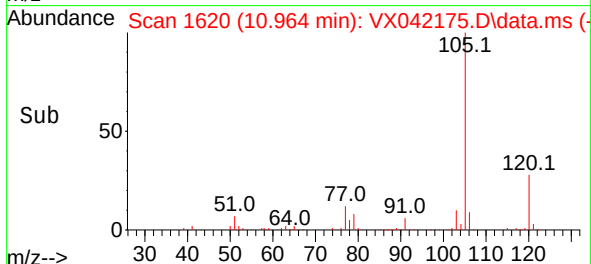
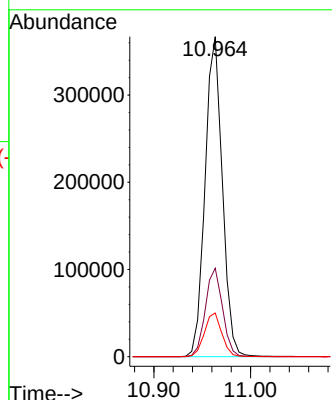
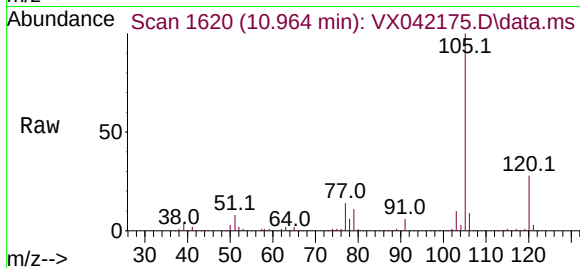
Tgt Ion:105 Resp: 456864

Ion Ratio Lower Upper

105 100

120 27.5 22.0 33.0

77 13.8 11.0 16.6



#61

1,2,3-Trichloropropane

Concen: 51.474 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX042175.D

Acq: 03 Jul 2024 20:15

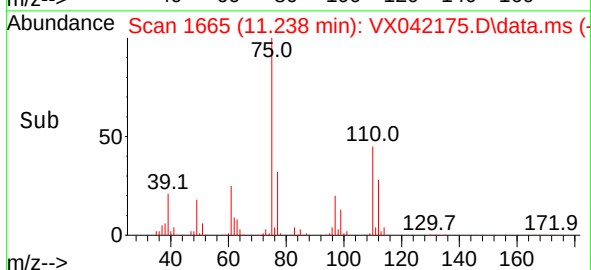
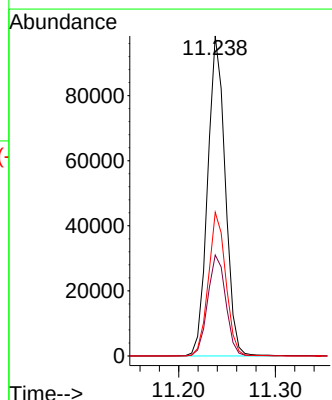
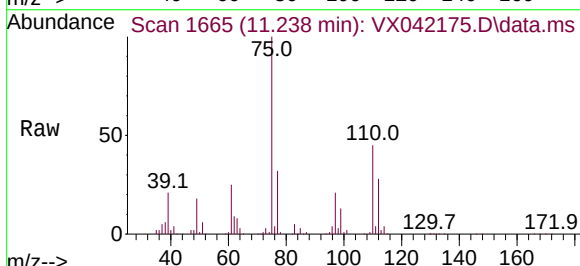
Tgt Ion: 75 Resp: 124451

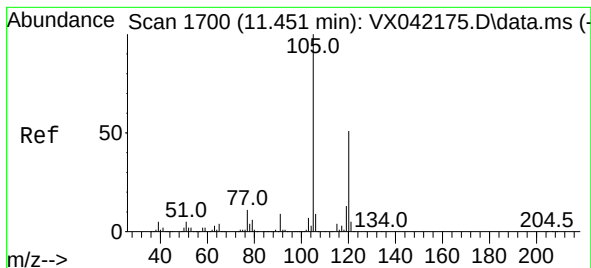
Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.8

110 44.2 35.4 53.0





#62

1,3,5-Trimethylbenzene

Concen: 58.663 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX042175.D

Acq: 03 Jul 2024 20:15

Instrument :

MSVOA_X

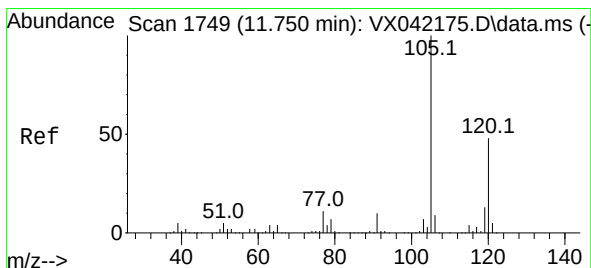
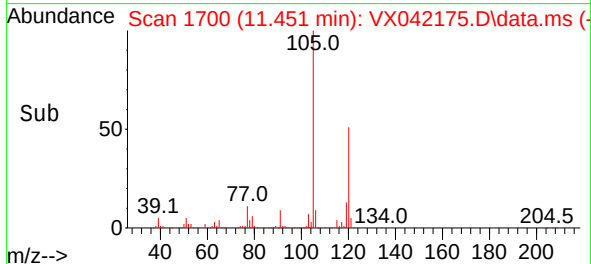
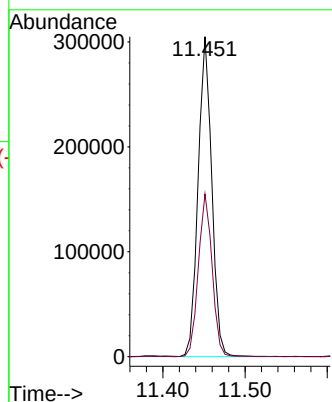
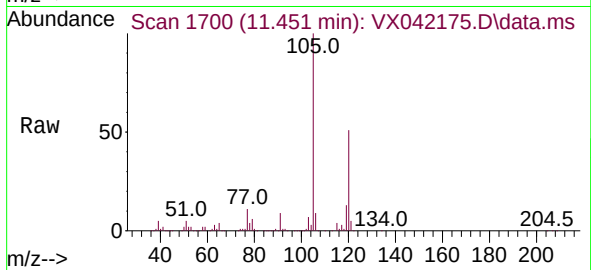
ClientSampleId :

Tgt Ion:105 Resp: 352368

Ion Ratio Lower Upper

105 100

120 51.1 40.9 61.3



#63

1,2,4-Trimethylbenzene

Concen: 53.266 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX042175.D

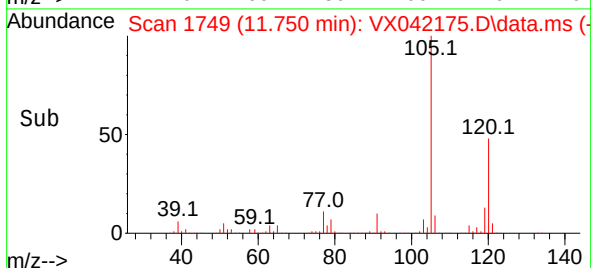
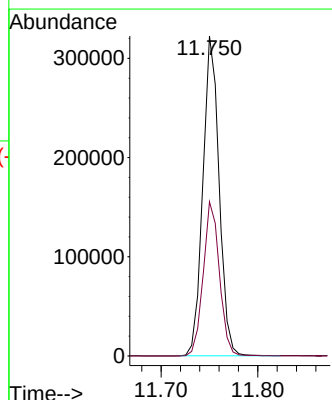
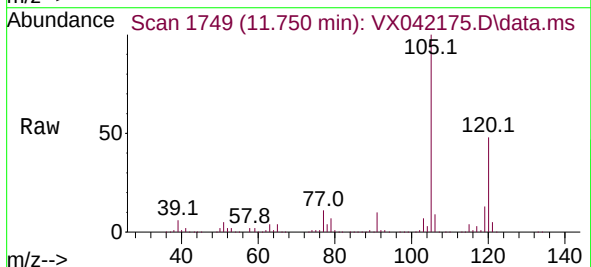
Acq: 03 Jul 2024 20:15

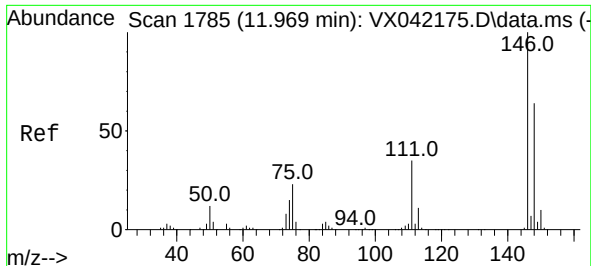
Tgt Ion:105 Resp: 377761

Ion Ratio Lower Upper

105 100

120 48.0 38.4 57.6





#64

1,3-Dichlorobenzene

Concen: 51.656 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX042175.D

Acq: 03 Jul 2024 20:15

Instrument :

MSVOA_X

ClientSampleId :

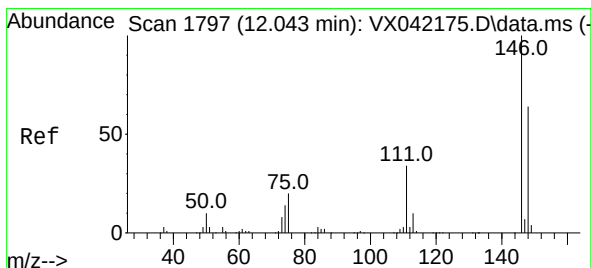
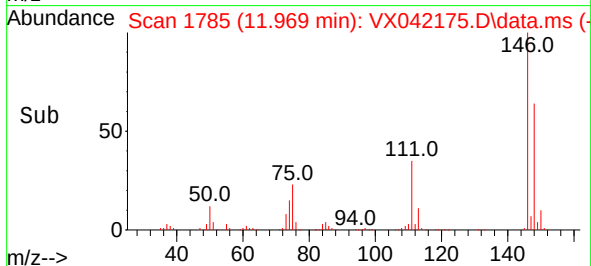
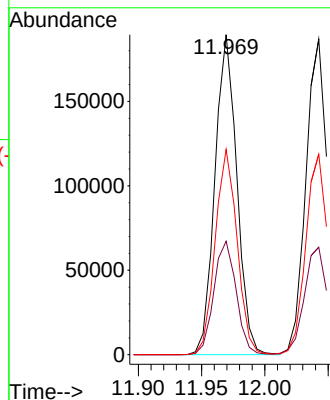
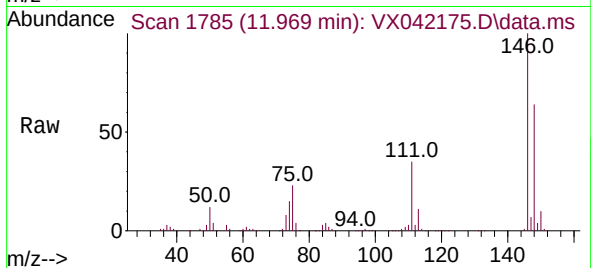
Tgt Ion:146 Resp: 228412

Ion Ratio Lower Upper

146 100

111 35.5 24.8 46.1

148 64.2 44.9 83.5



#65

1,4-Dichlorobenzene

Concen: 50.826 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX042175.D

Acq: 03 Jul 2024 20:15

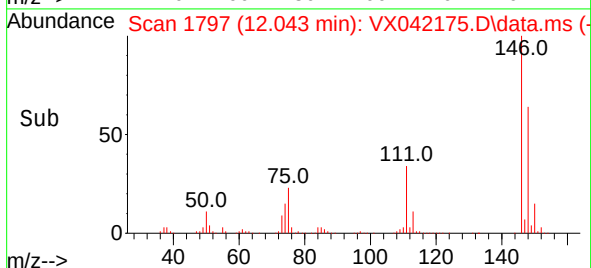
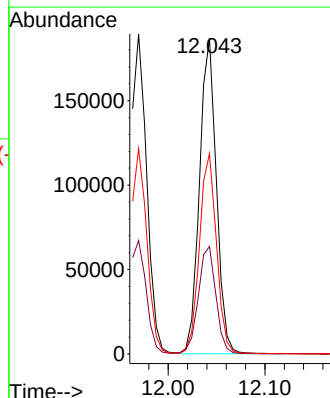
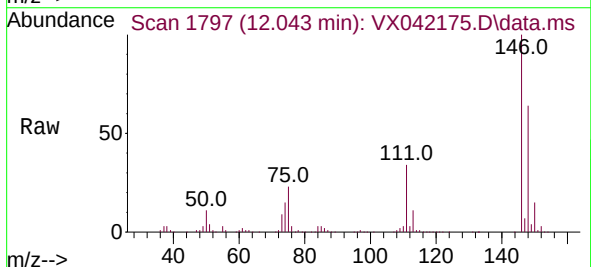
Tgt Ion:146 Resp: 226664

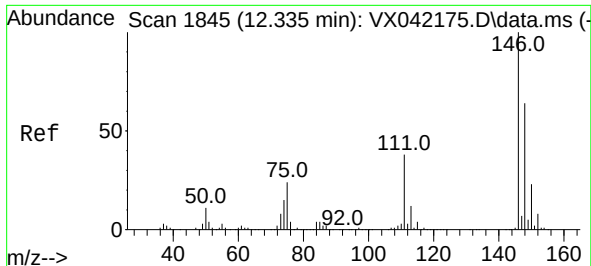
Ion Ratio Lower Upper

146 100

111 34.1 23.9 44.3

148 63.5 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 51.040 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX042175.D

Acq: 03 Jul 2024 20:15

Instrument :

MSVOA_X

ClientSampleId :

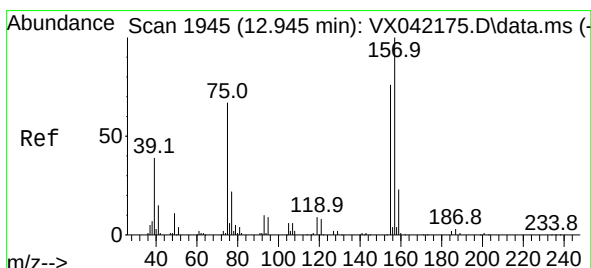
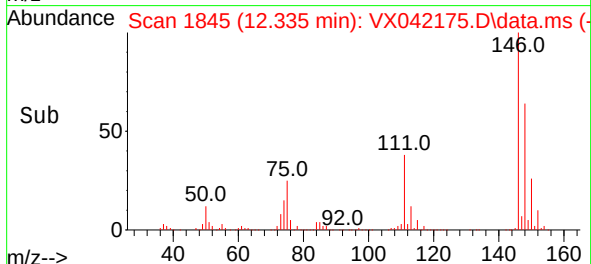
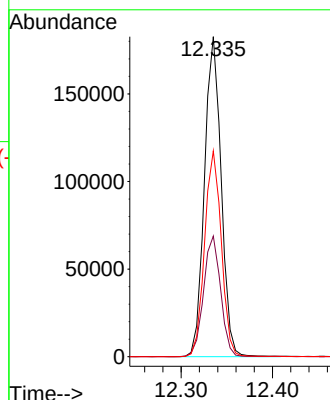
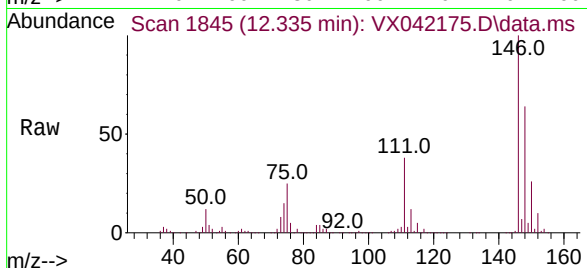
Tgt Ion:146 Resp: 231255

Ion Ratio Lower Upper

146 100

111 37.7 30.2 45.2

148 64.3 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 51.382 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX042175.D

Acq: 03 Jul 2024 20:15

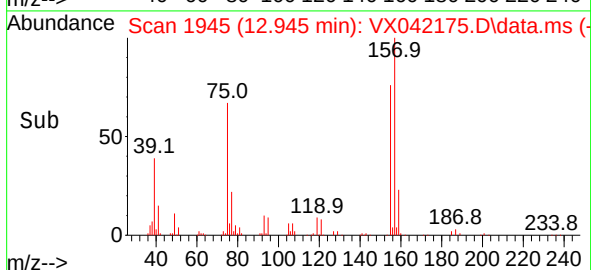
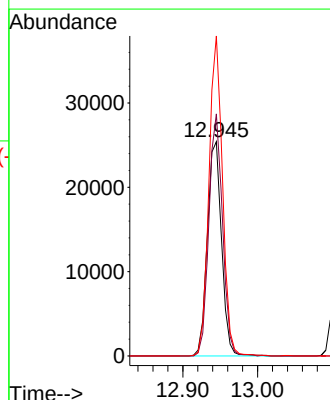
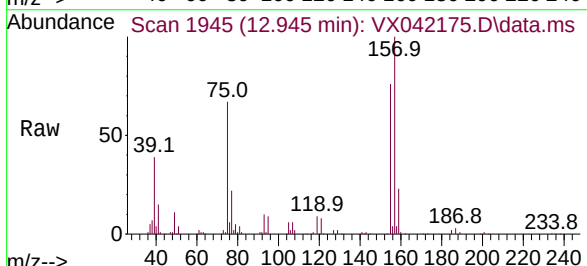
Tgt Ion: 75 Resp: 33502

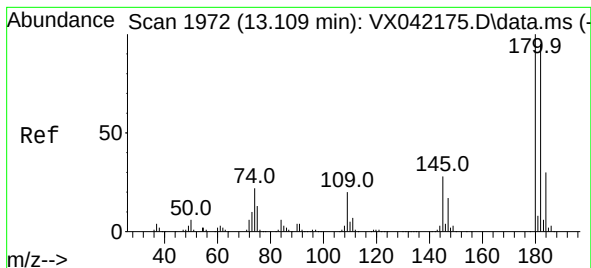
Ion Ratio Lower Upper

75 100

155 113.0 90.4 135.6

157 149.3 119.4 179.2





#69

1,3,5-Trichlorobenzene

Concen: 49.811 ug/L

RT: 13.109 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX042175.D

Acq: 03 Jul 2024 20:15

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180 Resp: 166938

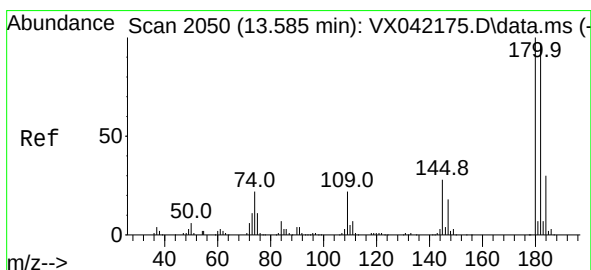
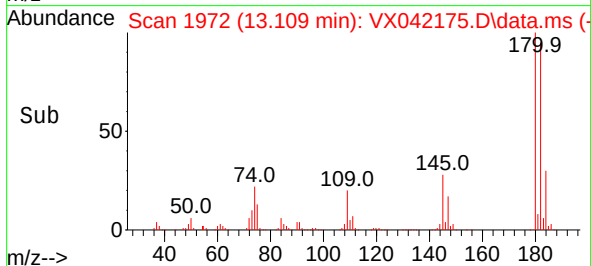
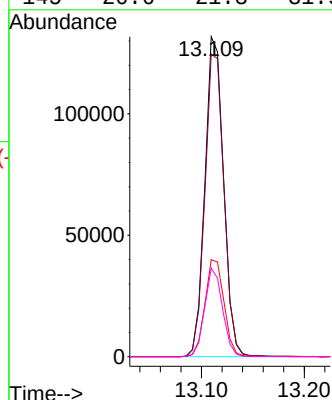
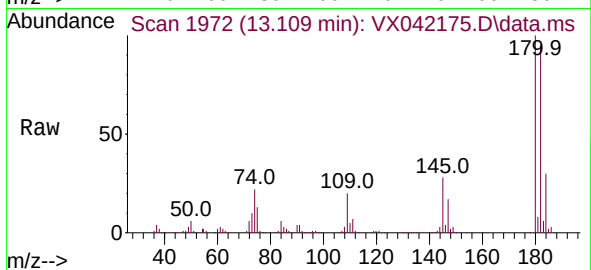
Ion Ratio Lower Upper

180 100

182 96.3 77.0 115.6

184 30.9 24.7 37.1

145 26.6 21.3 31.9



#70

1,2,4-trichlorobenzene

Concen: 49.635 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX042175.D

Acq: 03 Jul 2024 20:15

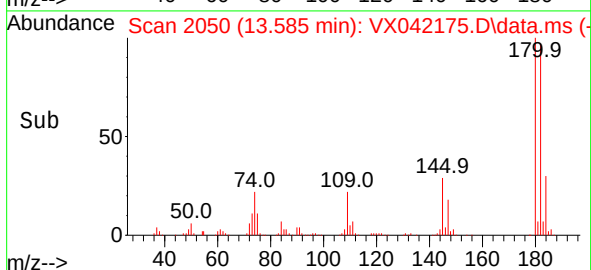
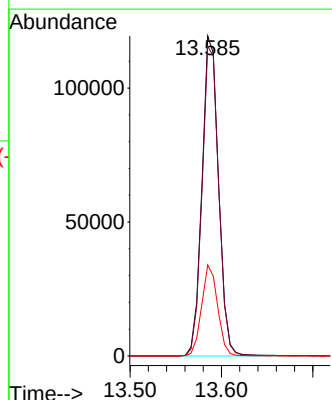
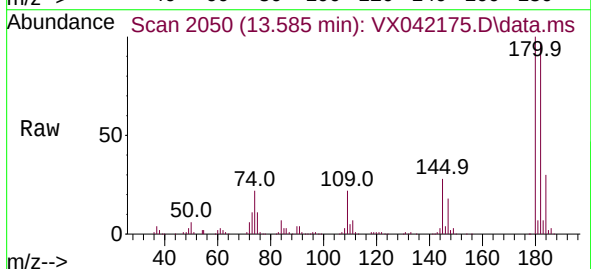
Tgt Ion:180 Resp: 150025

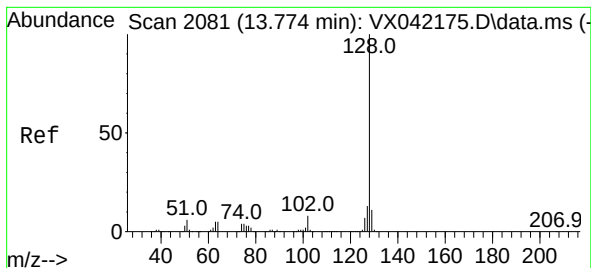
Ion Ratio Lower Upper

180 100

182 97.2 77.8 116.6

145 27.3 21.8 32.8





#71

Naphthalene

Concen: 53.110 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX042175.D

Acq: 03 Jul 2024 20:15

Instrument :

MSVOA_X

ClientSampleId :

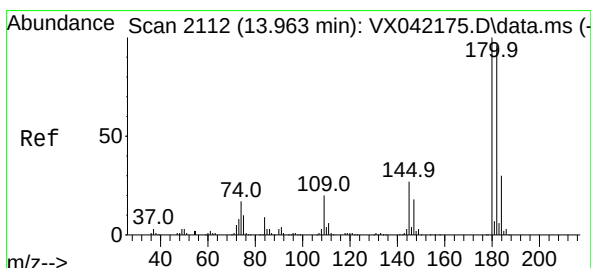
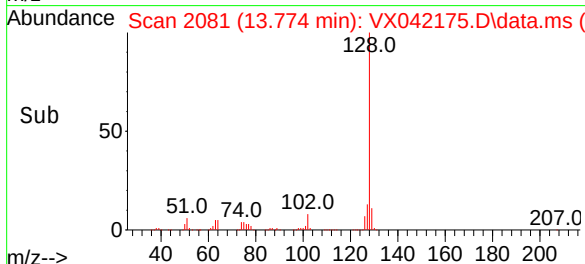
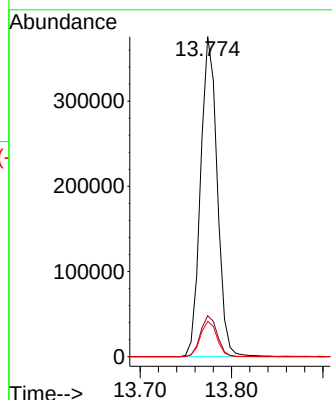
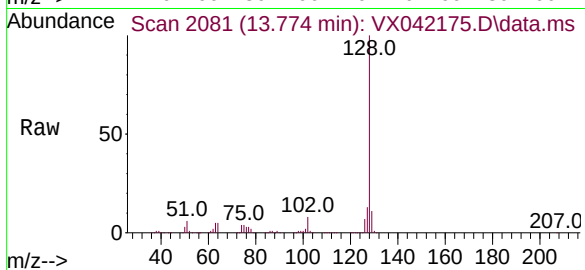
Tgt Ion:128 Resp: 474544

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.1 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 51.781 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX042175.D

Acq: 03 Jul 2024 20:15

Tgt Ion:180 Resp: 160157

Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.4

145 28.8 23.0 34.6

