

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041024\
 Data File : VX040963.D
 Acq On : 10 Apr 2024 18:23
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 11 05:42:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:36:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	299848	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	285657	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	168073	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	107665	50.482	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 100.960%	
7) Chloroethane-d5	1.666	69	88459	50.857	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 101.720%	
11) 1,1-Dichloroethene-d2	2.307	65	45832	50.335	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 100.660%	
21) 2-Butanone-d5	4.453	46	121978	104.996	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 105.000%	
24) Chloroform-d	5.056	84	203279	51.083	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 102.160%	
26) 1,2-Dichloroethane-d4	5.952	65	126449	48.850	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 97.700%	
32) Benzene-d6	5.971	84	393275	50.712	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.420%	
36) 1,2-Dichloropropane-d6	7.306	67	114644	50.688	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 101.380%	
41) Toluene-d8	8.647	98	385731	50.912	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 101.820%	
43) trans-1,3-Dichloroprop...	8.946	79	59106	51.929	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 103.860%	
47) 2-Hexanone-d5	9.385	63	100805	105.710	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 105.710%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	171240	51.110	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 102.220%	
66) 1,2-Dichlorobenzene-d4	12.317	152	170190	50.479	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 100.960%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	102713	52.021	ug/L	99
3) Chloromethane	1.301	50	99259	52.958	ug/L	100
5) Vinyl chloride	1.374	62	116566	51.754	ug/L	97
6) Bromomethane	1.605	94	77812	57.142	ug/L	97
8) Chloroethane	1.691	64	73795	52.656	ug/L	98
9) Trichlorofluoromethane	1.892	101	181921	51.266	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	105970	52.254	ug/L	100
12) 1,1-Dichloroethene	2.319	96	94369	52.393	ug/L	97
13) Acetone	2.380	43	106099	84.261	ug/L	99
14) Carbon disulfide	2.514	76	242631	53.604	ug/L	99
15) Methyl Acetate	2.703	43	112557	51.491	ug/L	100
16) Methylene chloride	2.788	84	97696	52.040	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	97884	52.500	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	309151	52.827	ug/L	99
19) 1,1-Dichloroethane	3.611	63	172086	51.966	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	110372	51.960	ug/L	99
22) 2-Butanone	4.550	43	165419	100.361	ug/L	99
23) Bromochloromethane	4.904	128	62175	53.841	ug/L	97
25) Chloroform	5.093	83	189651	52.257	ug/L	98

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 Response via : Initial Calibration

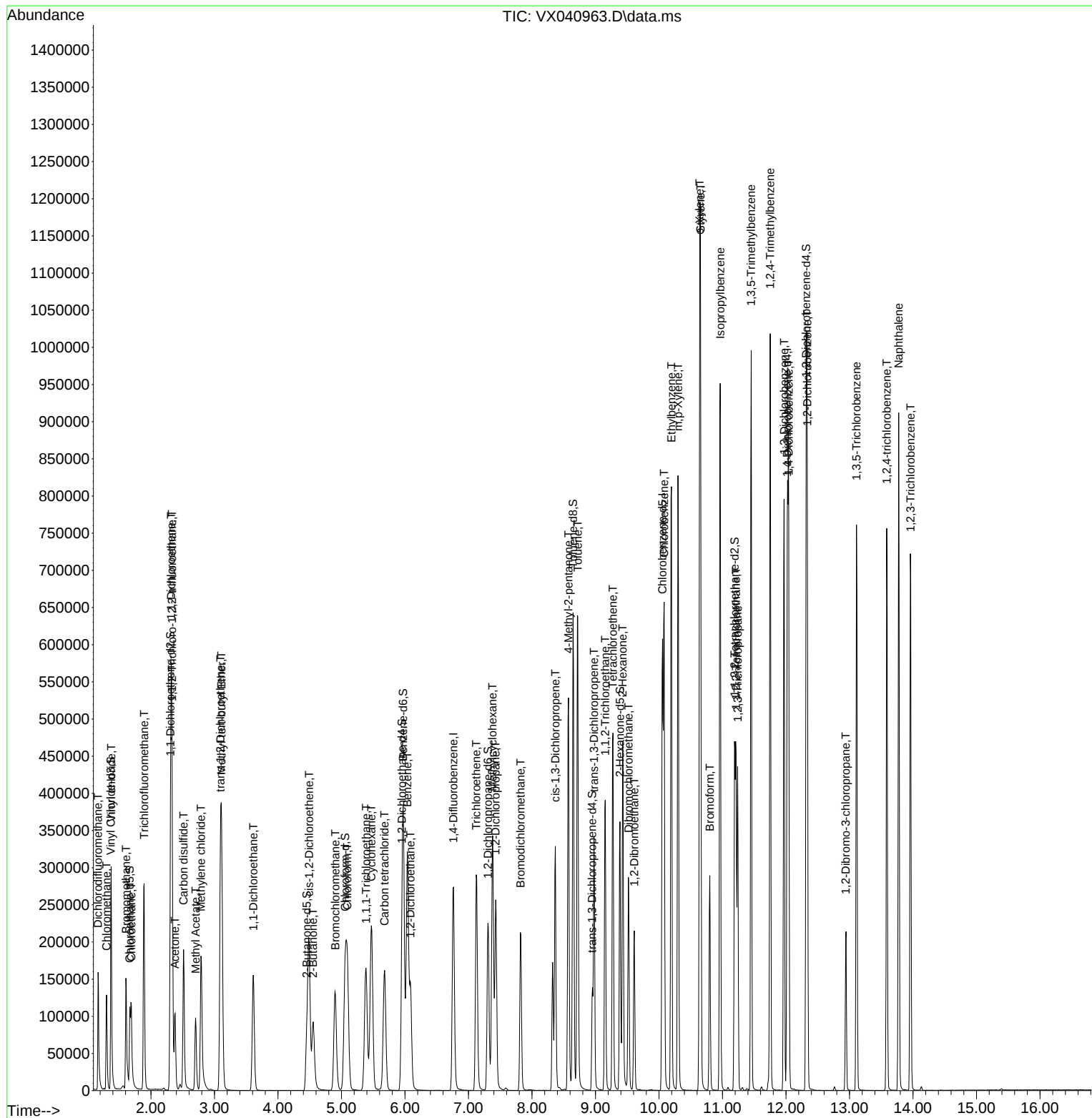
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	150860	51.718	ug/L	100
29) Cyclohexane	5.471	56	152222	53.192	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	167317	52.267	ug/L	99
31) Carbon tetrachloride	5.678	117	152189	52.169	ug/L	99
33) Benzene	6.038	78	387623	52.301	ug/L	100
34) Trichloroethene	7.123	95	110649	52.044	ug/L	98
35) Methylcyclohexane	7.379	83	159451	52.882	ug/L	99
37) 1,2-Dichloropropane	7.428	63	96163	50.127	ug/L	99
38) Bromodichloromethane	7.818	83	139318	51.803	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	164178	52.382	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	309790	106.628	ug/L	99
42) Toluene	8.720	91	432006	52.635	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	159354	54.404	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	109062	52.339	ug/L	98
46) Tetrachloroethene	9.275	164	103308	51.593	ug/L	99
48) 2-Hexanone	9.427	43	245045	104.990	ug/L	98
49) Dibromochloromethane	9.519	129	123940	52.736	ug/L	98
50) 1,2-Dibromoethane	9.610	107	118913	52.899	ug/L	100
51) Chlorobenzene	10.080	112	300031	52.162	ug/L	100
52) Ethylbenzene	10.195	91	492370	52.872	ug/L	100
53) m,p-Xylene	10.299	106	196217	52.844	ug/L	98
54) o-Xylene	10.640	106	189985	53.056	ug/L	98
55) Styrene	10.653	104	332989	54.089	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.214	83	170012	52.661	ug/L	99
59) Bromoform	10.799	173	108682	52.689	ug/L	100
60) Isopropylbenzene	10.964	105	518992	52.819	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	132393	51.587	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	421280	53.183	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	427839	53.658	ug/L	99
64) 1,3-Dichlorobenzene	11.970	146	267403	51.864	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	274580	51.878	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	260610	52.106	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.939	75	38341	52.239	ug/L	99
69) 1,3,5-Trichlorobenzene	13.110	180	206457	52.288	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	198519	53.055	ug/L	99
71) Naphthalene	13.774	128	557298	54.350	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	195236	53.202	ug/L	100

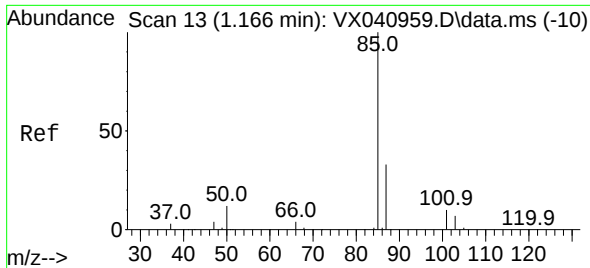
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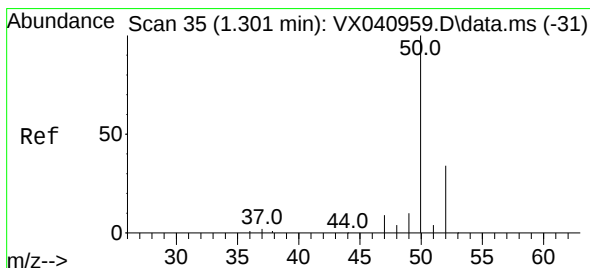
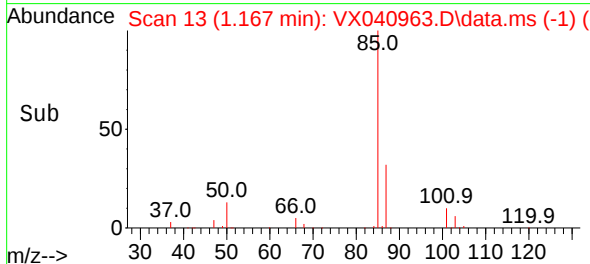
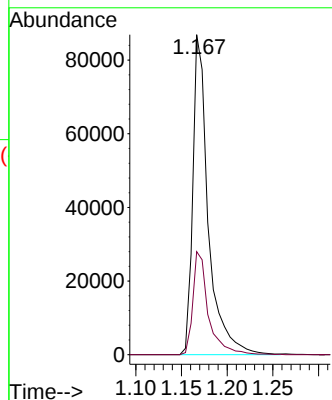
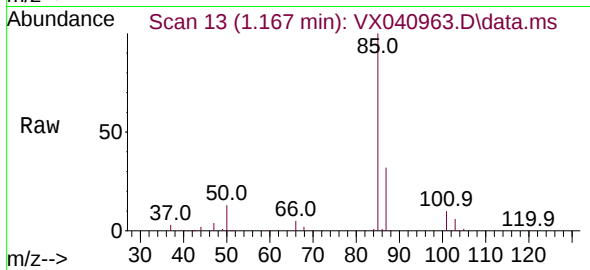




#2
Dichlorodifluoromethane
Concen: 52.021 ug/L
RT: 1.167 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX040963.D
Acq: 10 Apr 2024 18:23

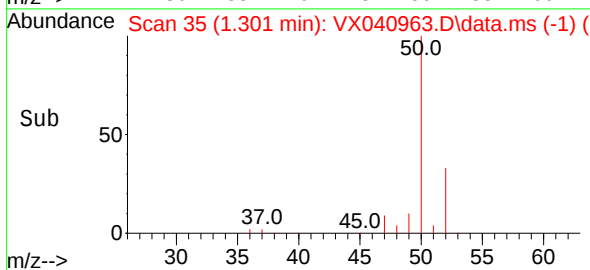
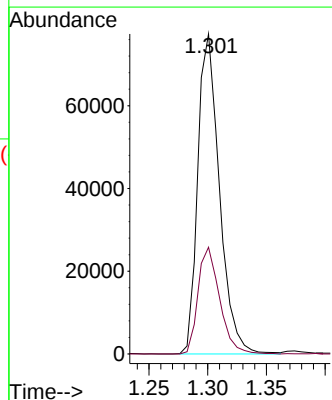
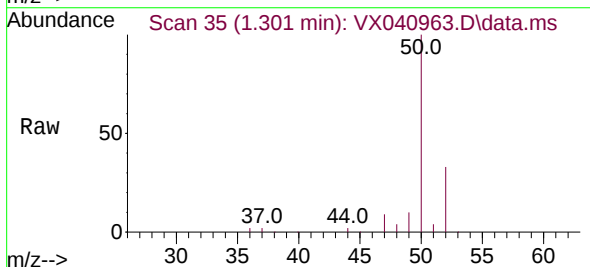
Instrument :
MSVOA_X
ClientSampleId :

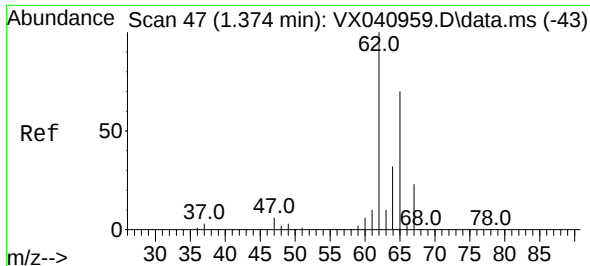
Tgt Ion: 85 Resp: 102713
Ion Ratio Lower Upper
85 100
87 32.3 26.2 39.2



#3
Chloromethane
Concen: 52.958 ug/L
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX040963.D
Acq: 10 Apr 2024 18:23

Tgt Ion: 50 Resp: 99259
Ion Ratio Lower Upper
50 100
52 33.4 23.5 43.7

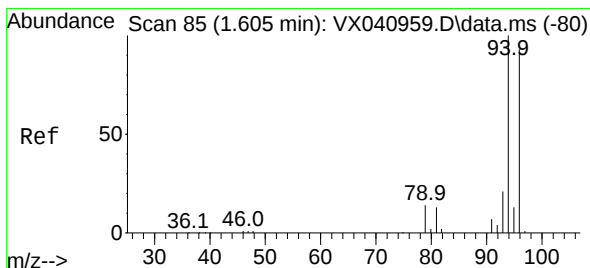
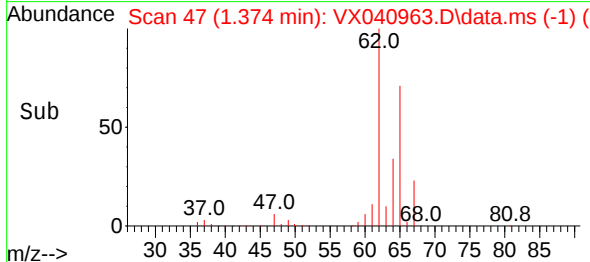
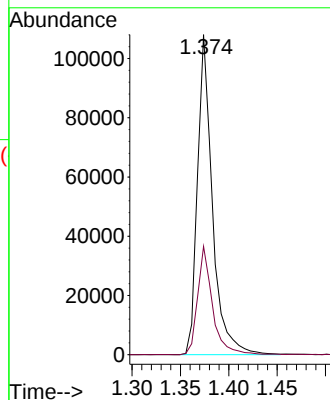
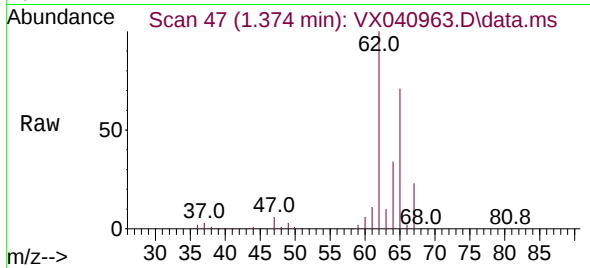




#5
 Vinyl chloride
 Concen: 51.754 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX040963.D
 Acq: 10 Apr 2024 18:23

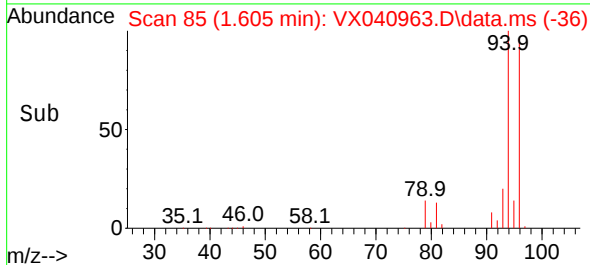
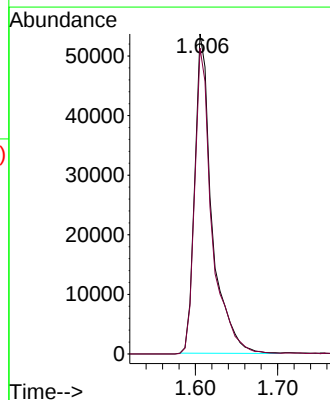
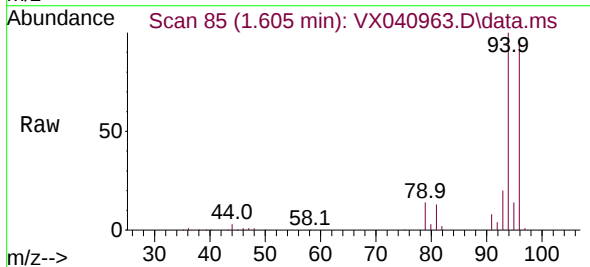
Instrument :
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 ClientSampleId :

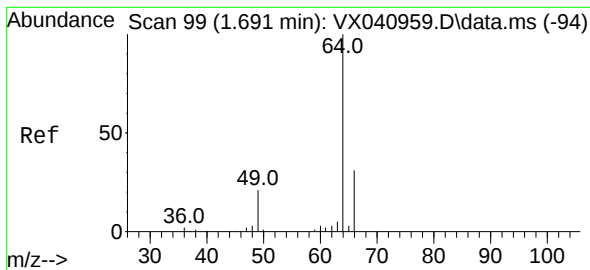
Tgt Ion: 62 Resp: 116566
 Ion Ratio Lower Upper
 62 100
 64 33.9 22.5 41.9



#6
 Bromomethane
 Concen: 57.142 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VX040963.D
 Acq: 10 Apr 2024 18:23

Tgt Ion: 94 Resp: 77812
 Ion Ratio Lower Upper
 94 100
 96 95.6 64.8 120.3





#8

Chloroethane

Concen: 52.656 ug/L

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX040963.D

Acq: 10 Apr 2024 18:23

Instrument :

MSVOA_X

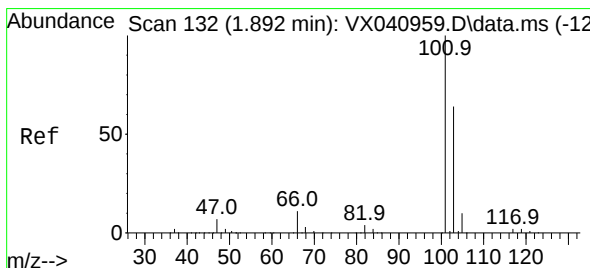
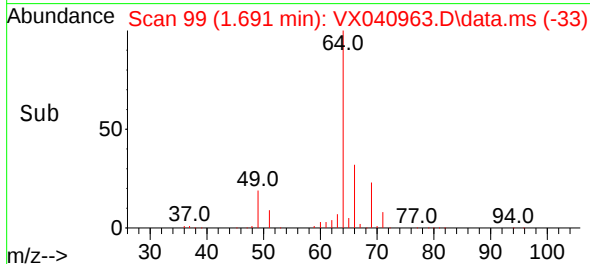
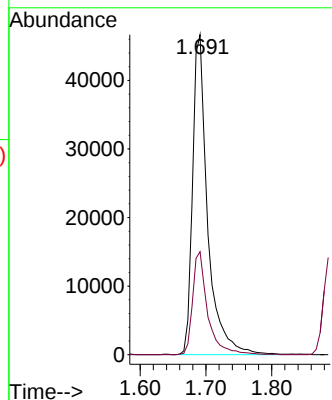
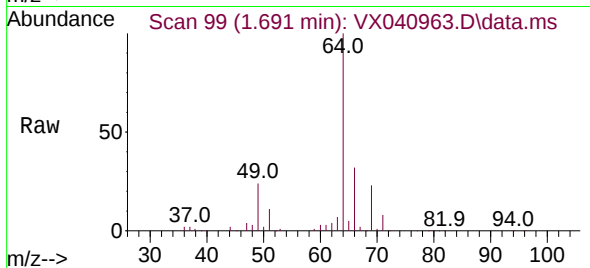
ClientSampleId :

Tgt Ion: 64 Resp: 73795

Ion Ratio Lower Upper

64 100

66 32.2 21.8 40.6



#9

Trichlorofluoromethane

Concen: 51.266 ug/L

RT: 1.892 min Scan# 132

Delta R.T. 0.000 min

Lab File: VX040963.D

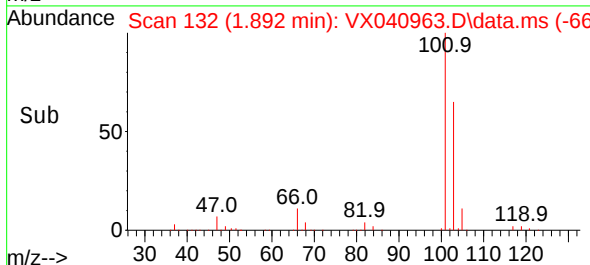
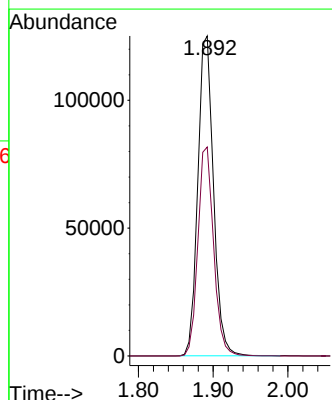
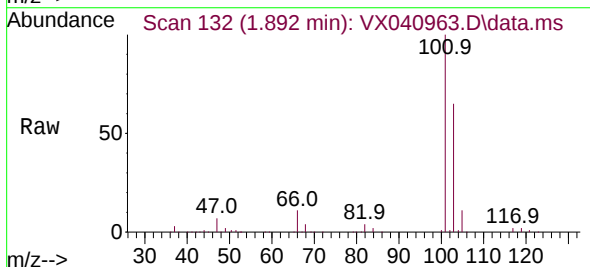
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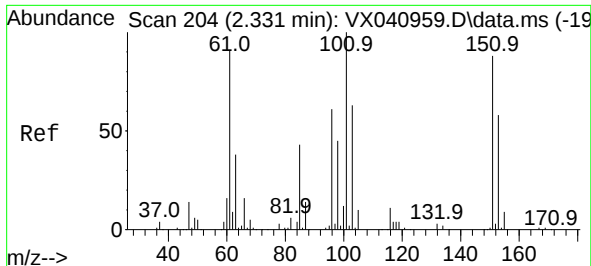
Tgt Ion:101 Resp: 181921

Ion Ratio Lower Upper

101 100

103 65.6 52.5 78.7





#10

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

Concen: 52.254 ug/L

RT: 2.331 min Scan# 204

Delta R.T. 0.000 min

Lab File: VX040963.D

Acq: 10 Apr 2024 18:23

Instrument :

MSVOA_X

ClientSampleId :

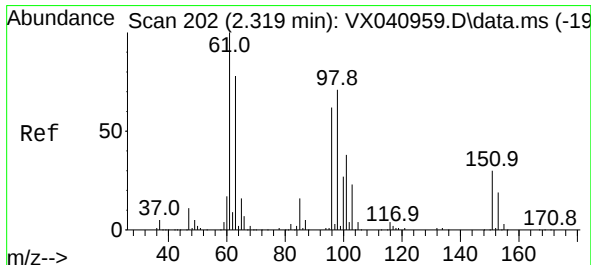
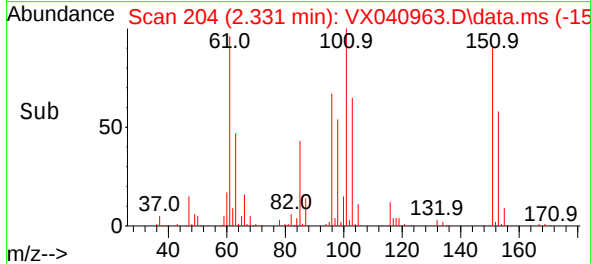
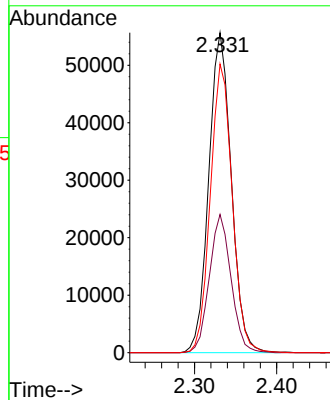
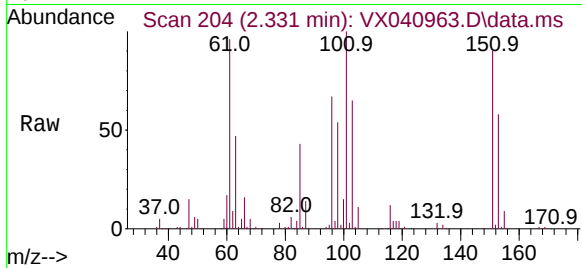
Tgt Ion:101 Resp: 105970

Ion Ratio Lower Upper

101 100

85 41.6 33.7 50.5

151 87.7 69.9 104.9



#12

1,1-Dichloroethene

Concen: 52.393 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX040963.D

Acq: 10 Apr 2024 18:23

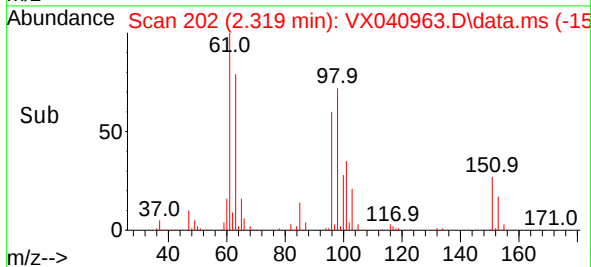
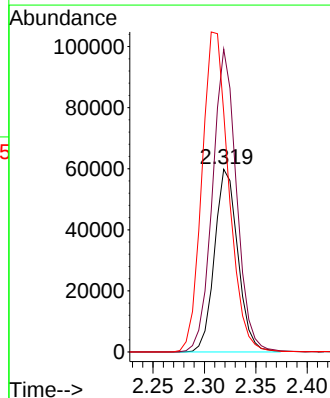
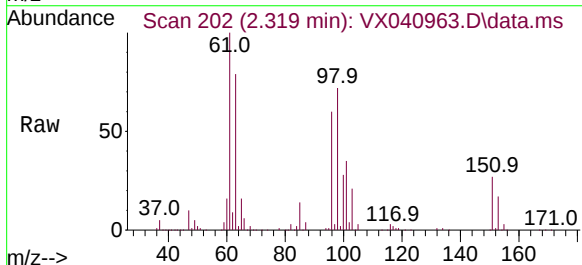
Tgt Ion: 96 Resp: 94369

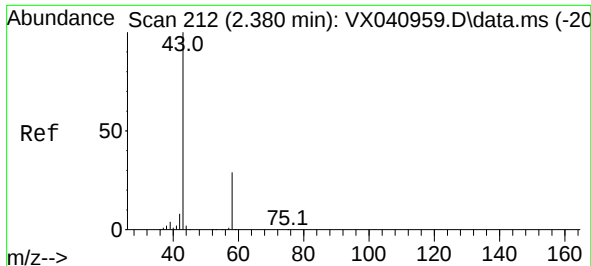
Ion Ratio Lower Upper

96 100

61 165.8 113.6 211.0

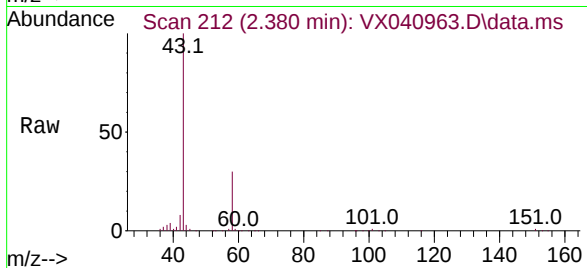
63 131.2 89.3 165.9



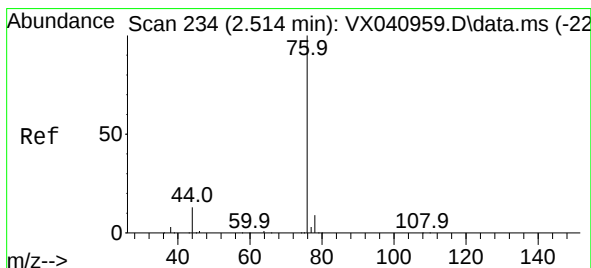
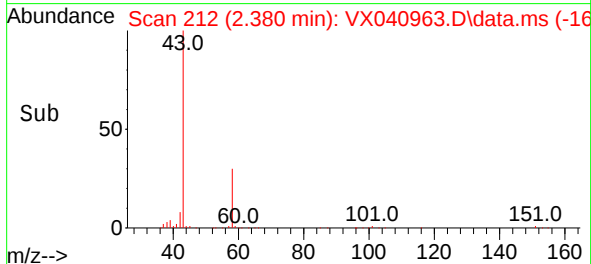
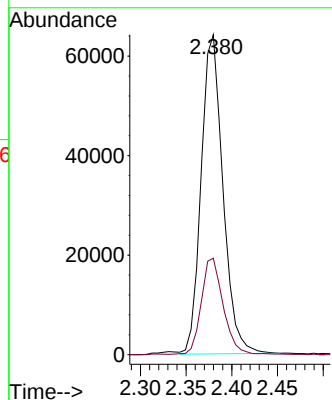


#13
Acetone
Concen: 84.261 ug/L
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040963.D
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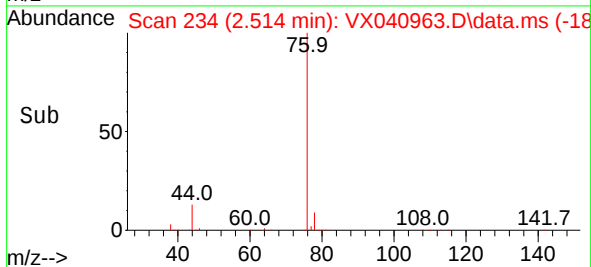
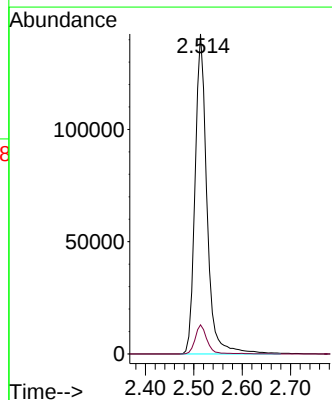
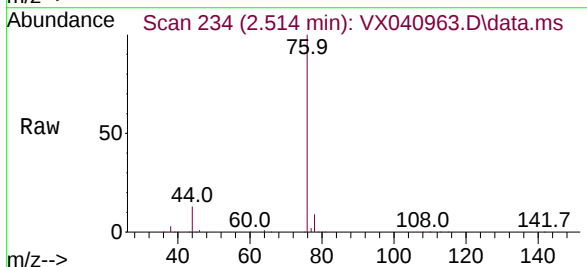


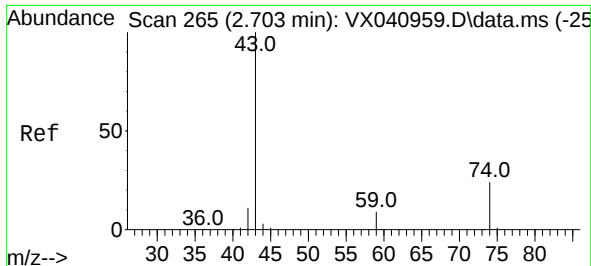
Tgt Ion: 43 Resp: 106099
Ion Ratio Lower Upper
43 100
58 30.2 0.0 59.4



#14
Carbon disulfide
Concen: 53.604 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX040963.D
Acq: 10 Apr 2024 18:23

Tgt Ion: 76 Resp: 242631
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2





#15

Methyl Acetate

Concen: 51.491 ug/L

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX040963.D

Acq: 10 Apr 2024 18:23

Instrument :

MSVOA_X

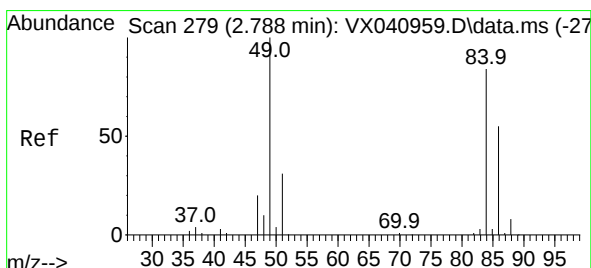
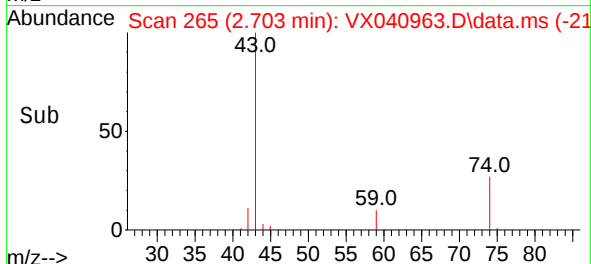
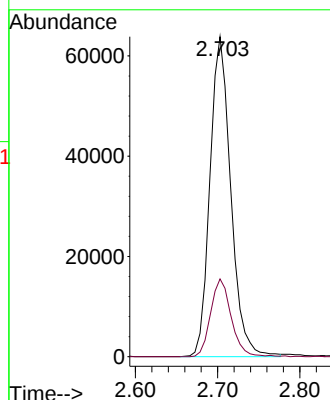
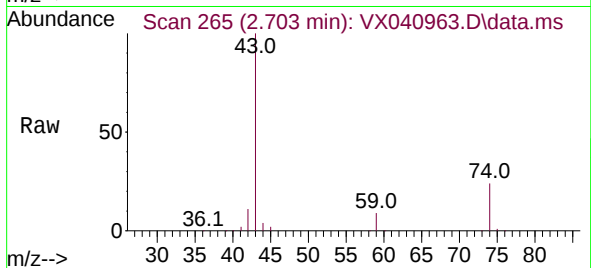
ClientSampleId :

Tgt Ion: 43 Resp: 112557

Ion Ratio Lower Upper

43 100

74 24.0 19.2 28.8



#16

Methylene chloride

Concen: 52.040 ug/L

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX040963.D

Acq: 10 Apr 2024 18:23

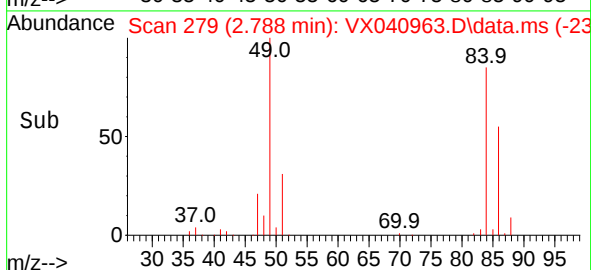
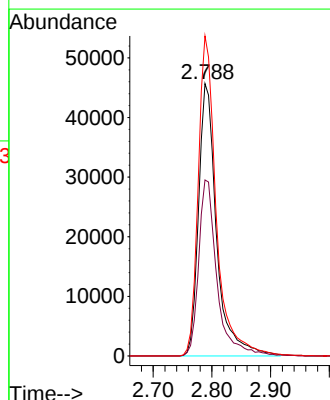
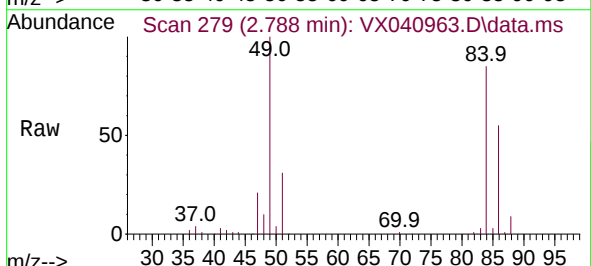
Tgt Ion: 84 Resp: 97696

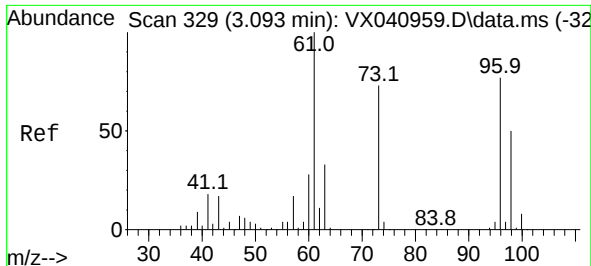
Ion Ratio Lower Upper

84 100

86 64.6 45.9 85.3

49 117.5 83.1 154.3





#17

trans-1,2-Dichloroethene

Concen: 52.500 ug/L

RT: 3.093 min Scan# 329

Delta R.T. 0.000 min

Lab File: VX040963.D

Acq: 10 Apr 2024 18:23

Instrument :

MSVOA_X

ClientSampleId :

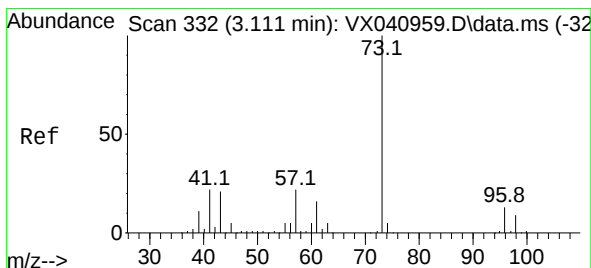
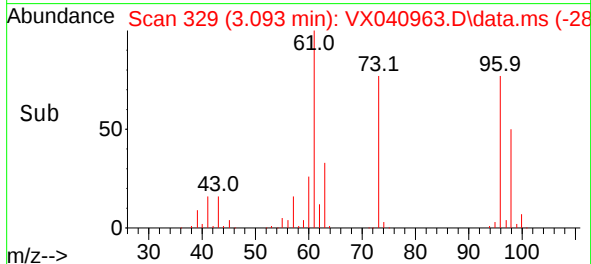
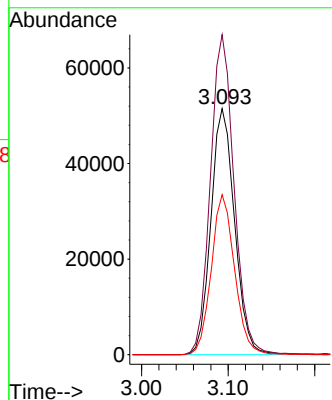
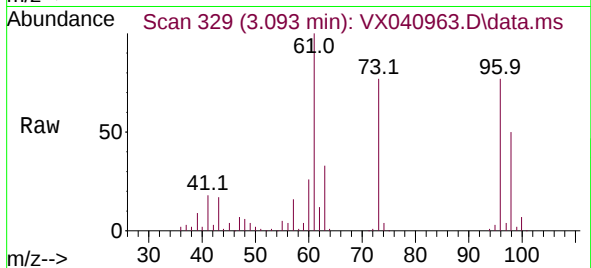
Tgt Ion: 96 Resp: 97884

Ion Ratio Lower Upper

96 100

61 130.0 91.4 169.8

98 65.0 45.6 84.6



#18

Methyl tert-butyl Ether

Concen: 52.827 ug/L

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX040963.D

Acq: 10 Apr 2024 18:23

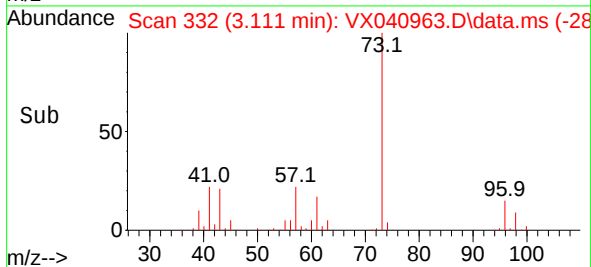
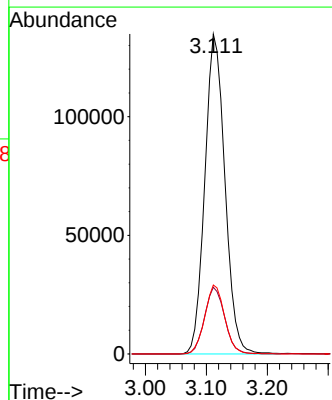
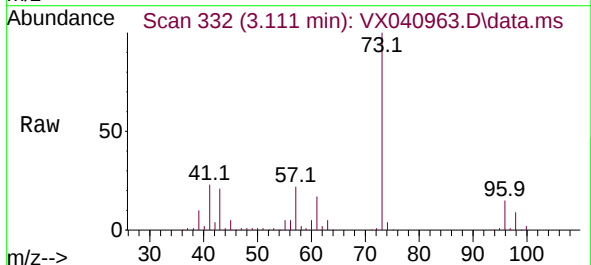
Tgt Ion: 73 Resp: 309151

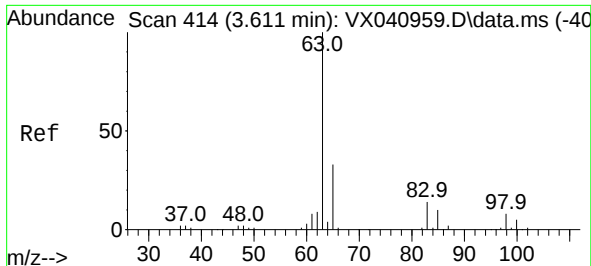
Ion Ratio Lower Upper

73 100

43 20.9 16.6 25.0

57 21.2 17.3 25.9





#19

1,1-Dichloroethane

Concen: 51.966 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX040963.D

Acq: 10 Apr 2024 18:23

Instrument :

MSVOA_X

ClientSampleId :

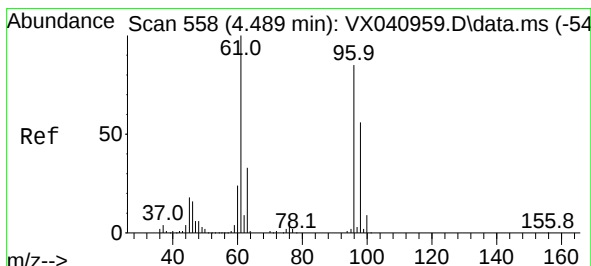
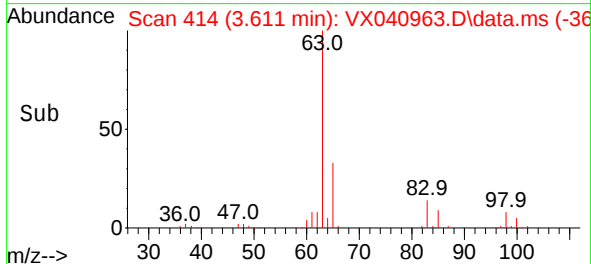
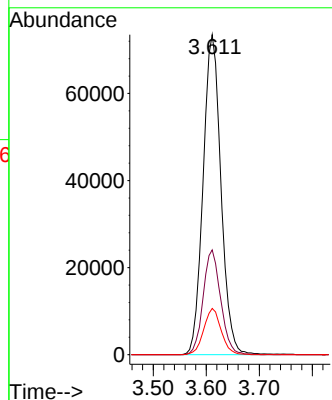
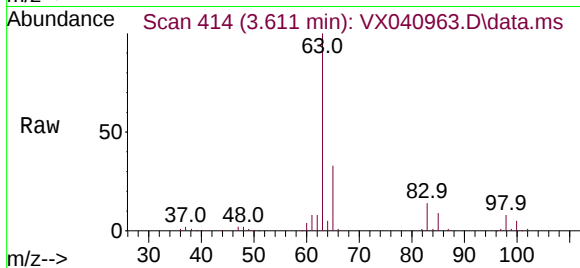
Tgt Ion: 63 Resp: 172086

Ion Ratio Lower Upper

63 100

65 32.7 22.9 42.5

83 14.4 10.1 18.7



#20

cis-1,2-Dichloroethene

Concen: 51.960 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX040963.D

Acq: 10 Apr 2024 18:23

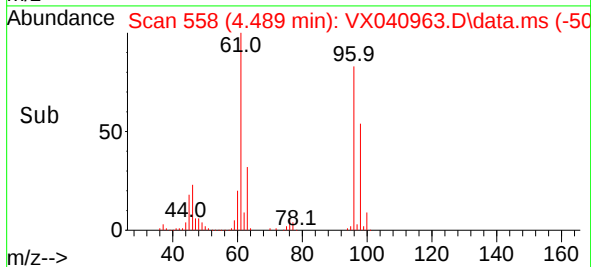
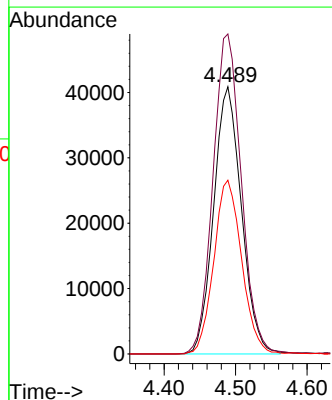
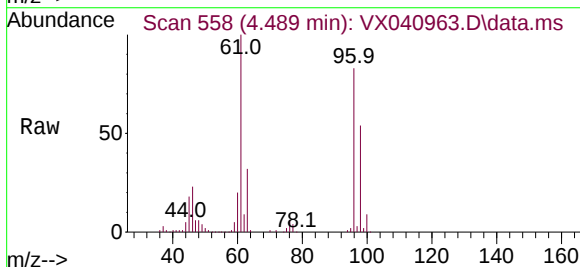
Tgt Ion: 96 Resp: 110372

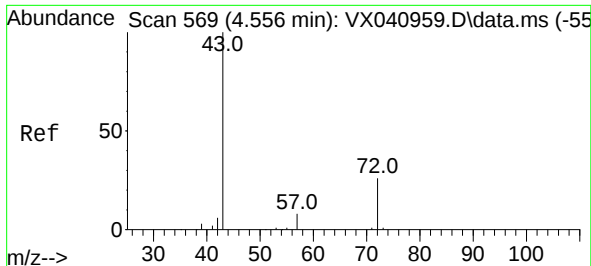
Ion Ratio Lower Upper

96 100

61 119.8 82.6 153.4

98 65.1 46.0 85.4





#22

2-Butanone

Concen: 100.361 ug/L

RT: 4.550 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX040963.D

Acq: 10 Apr 2024 18:23

Instrument :

MSVOA_X

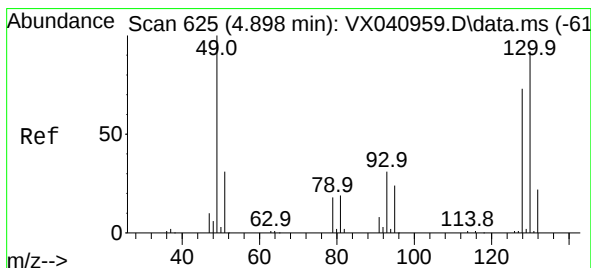
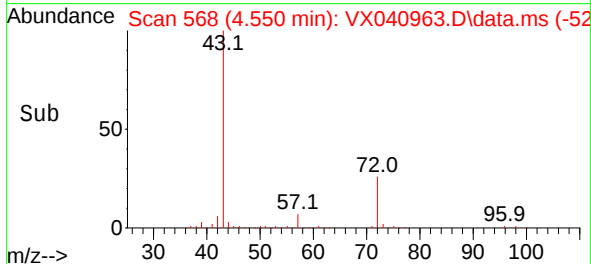
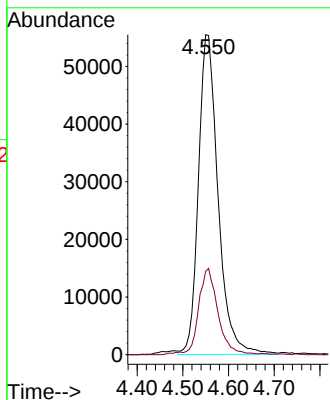
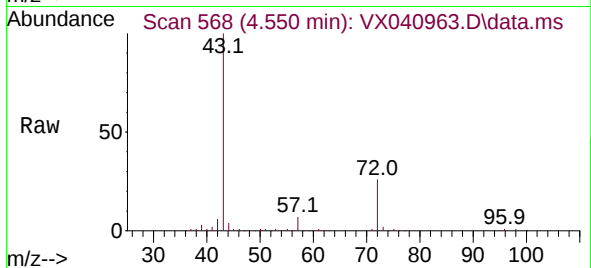
ClientSampleId :

Tgt Ion: 43 Resp: 165419

Ion Ratio Lower Upper

43 100

72 26.1 13.2 39.6



#23

Bromochloromethane

Concen: 53.841 ug/L

RT: 4.904 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX040963.D

Acq: 10 Apr 2024 18:23

Tgt Ion:128 Resp: 62175

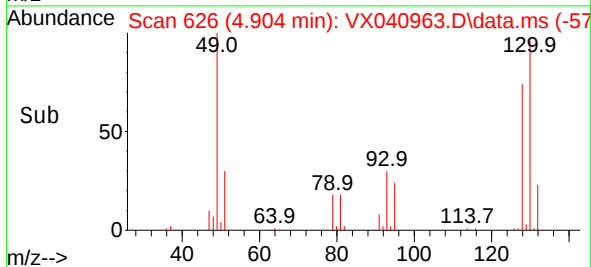
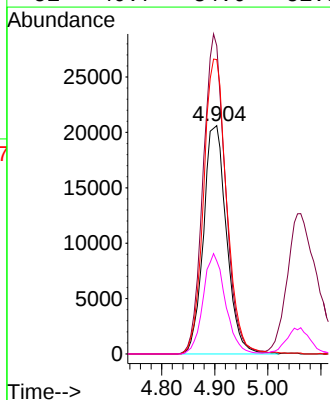
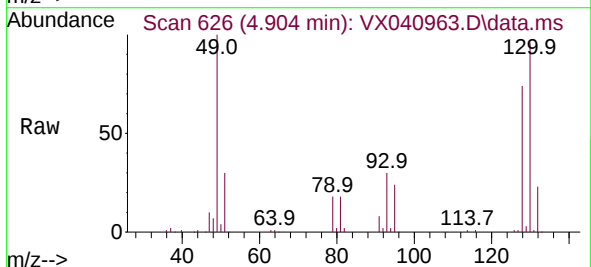
Ion Ratio Lower Upper

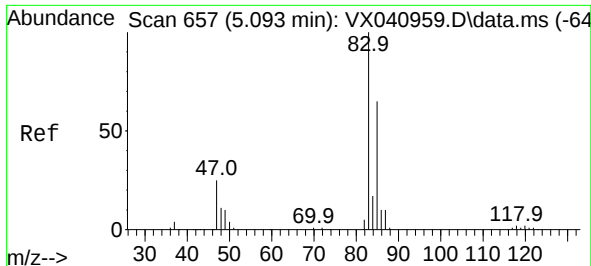
128 100

49 135.0 96.4 179.0

130 128.9 87.9 163.3

51 40.7 34.6 51.8





#25

Chloroform

Concen: 52.257 ug/L

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX040963.D

Acq: 10 Apr 2024 18:23

Instrument :

MSVOA_X

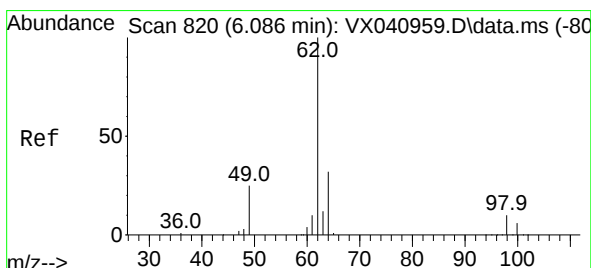
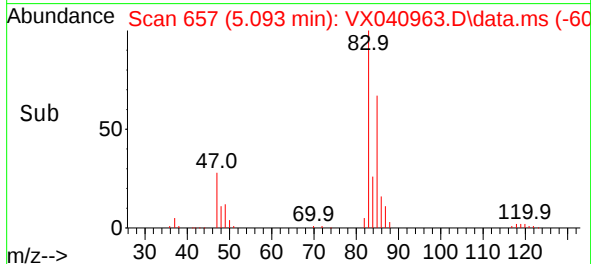
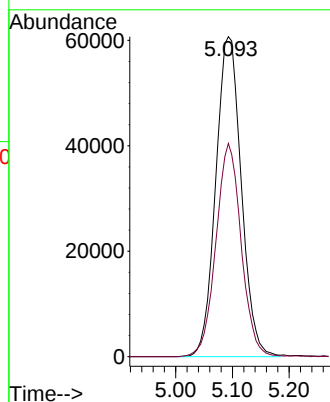
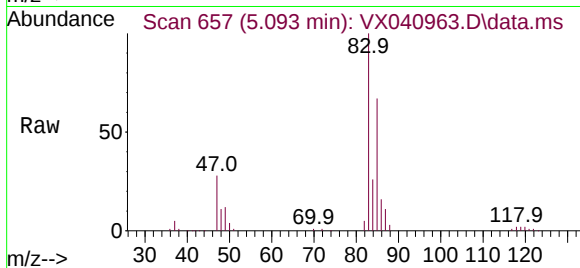
ClientSampleId :

Tgt Ion: 83 Resp: 189651

Ion Ratio Lower Upper

83 100

85 66.7 45.4 84.4



#27

1,2-Dichloroethane

Concen: 51.718 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX040963.D

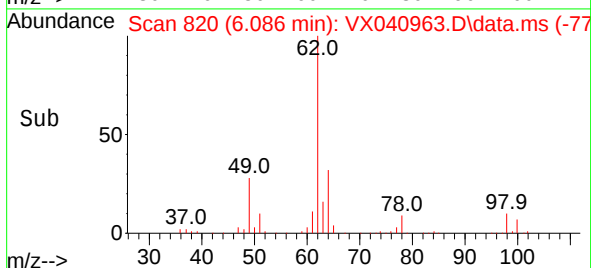
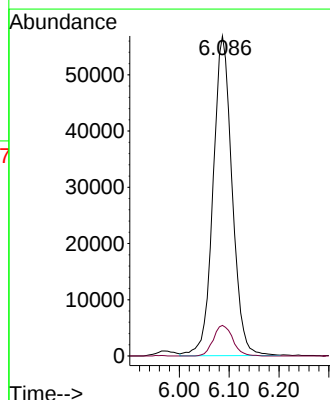
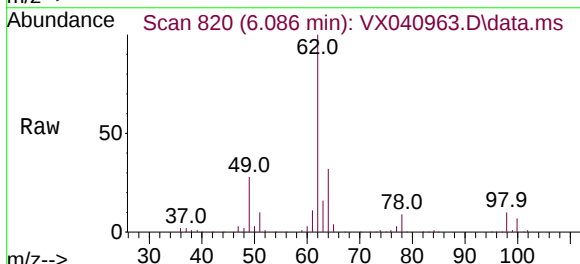
Acq: 10 Apr 2024 18:23

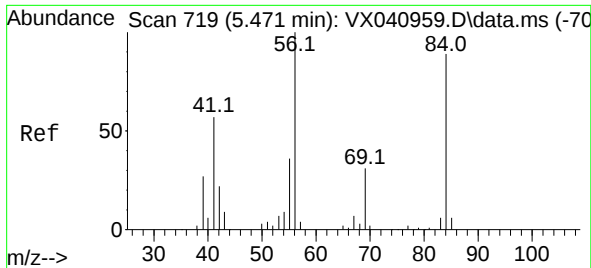
Tgt Ion: 62 Resp: 150860

Ion Ratio Lower Upper

62 100

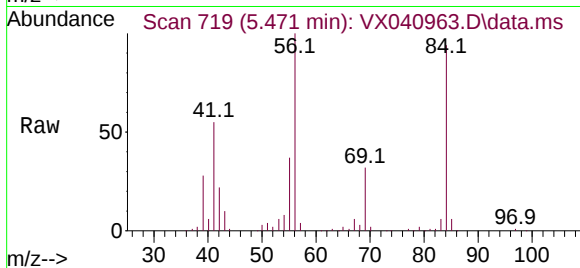
98 9.6 7.7 11.5



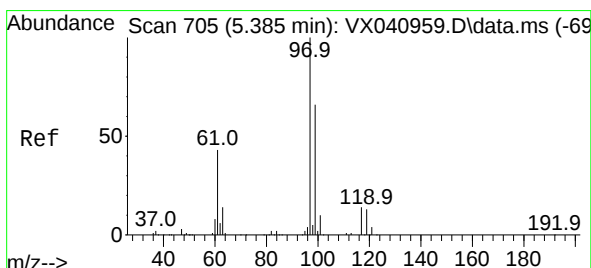
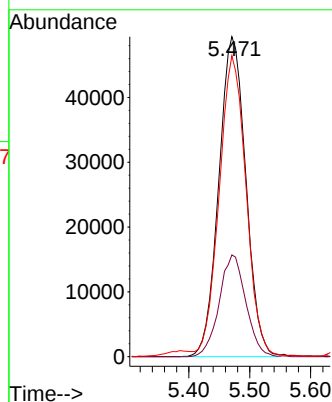
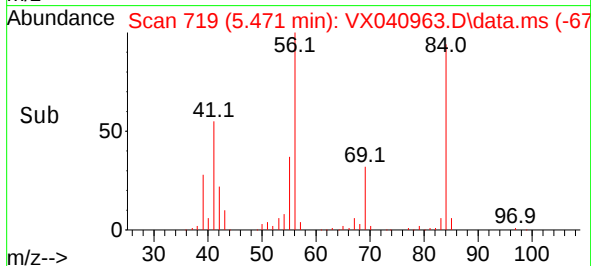


#29
Cyclohexane
Concen: 53.192 ug/L
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX040963.D
Acq: 10 Apr 2024 18:23

Instrument :
MSVOA_X
ClientSampleId :

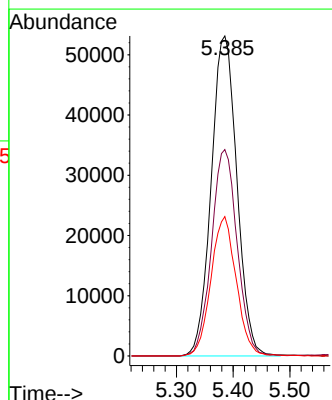
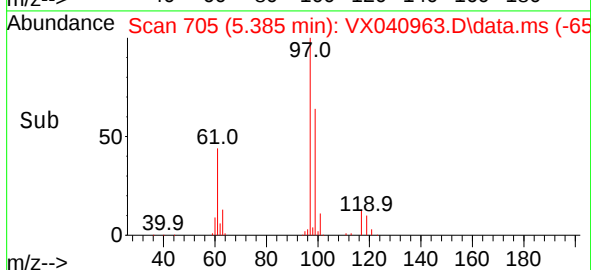
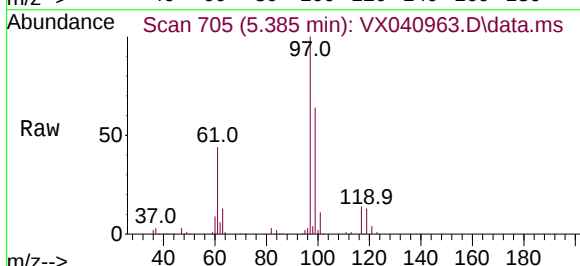


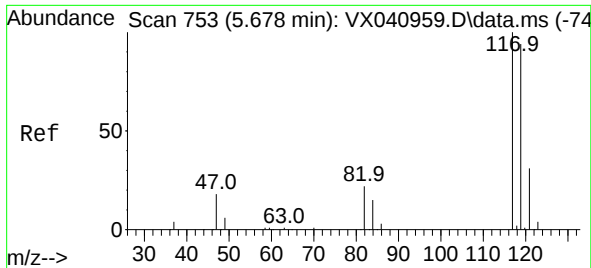
Tgt Ion: 56 Resp: 152222
Ion Ratio Lower Upper
56 100
69 31.3 25.0 37.4
84 92.3 74.9 112.3



#30
1,1,1-Trichloroethane
Concen: 52.267 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040963.D
Acq: 10 Apr 2024 18:23

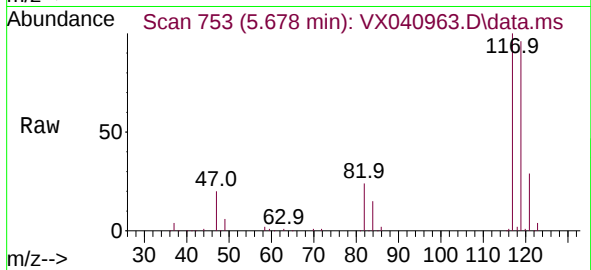
Tgt Ion: 97 Resp: 167317
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.4
61 42.7 34.0 51.0



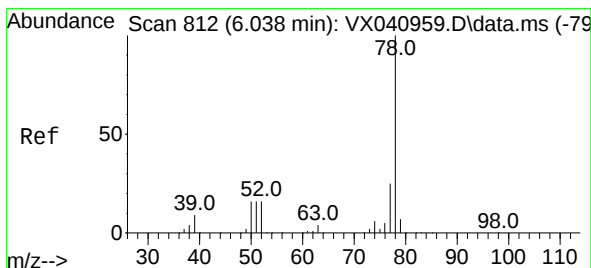
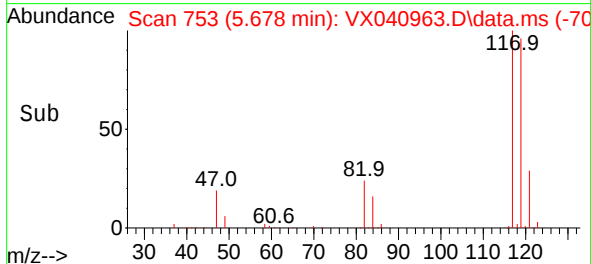
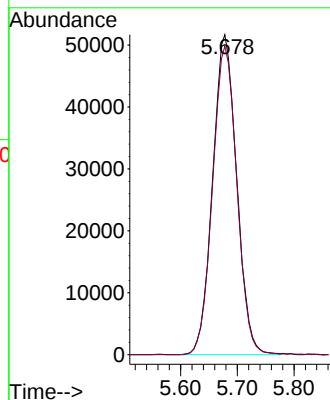


#31
Carbon tetrachloride
Concen: 52.169 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX040963.D
Acq: 10 Apr 2024 18:23

Instrument :
MSVOA_X
ClientSampleId :

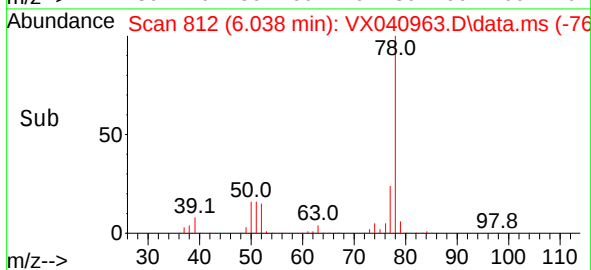
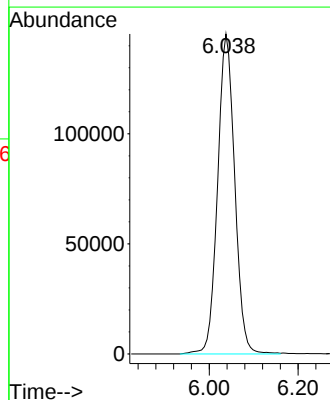
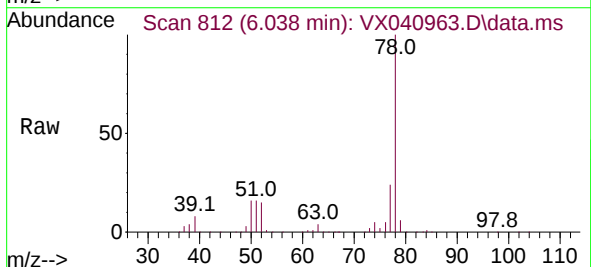


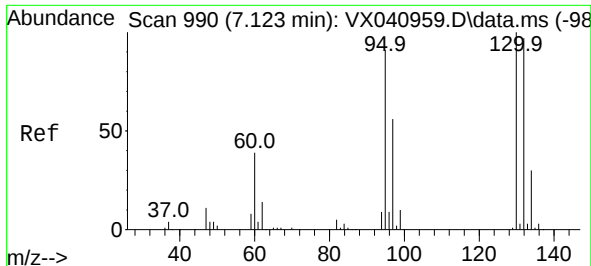
Tgt Ion:117 Resp: 152189
Ion Ratio Lower Upper
117 100
119 97.3 76.8 115.2



#33
Benzene
Concen: 52.301 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040963.D
Acq: 10 Apr 2024 18:23

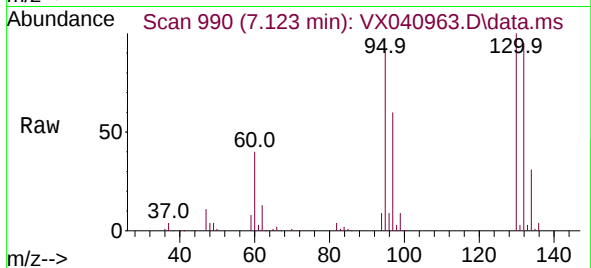
Tgt Ion: 78 Resp: 387623



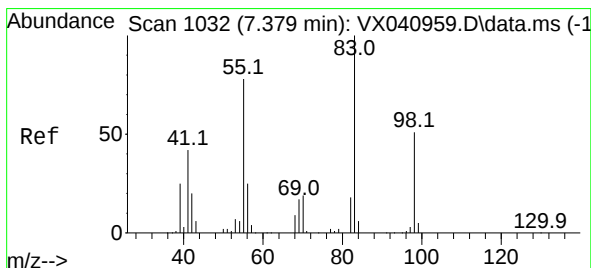
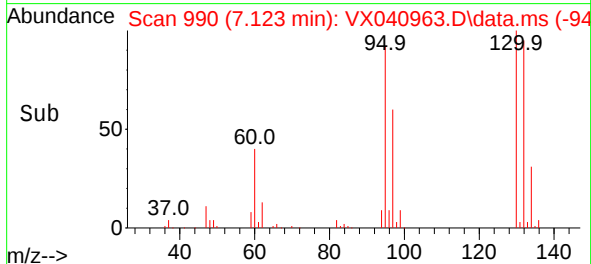
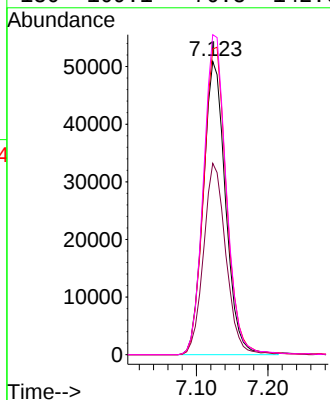


#34
Trichloroethene
Concen: 52.044 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX040963.D
Acq: 10 Apr 2024 18:23

Instrument :
MSVOA_X
ClientSampleId :

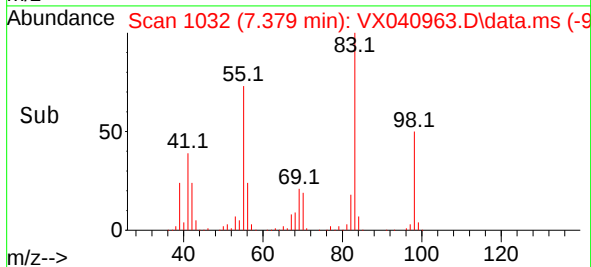
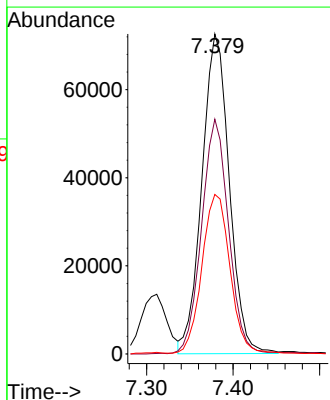
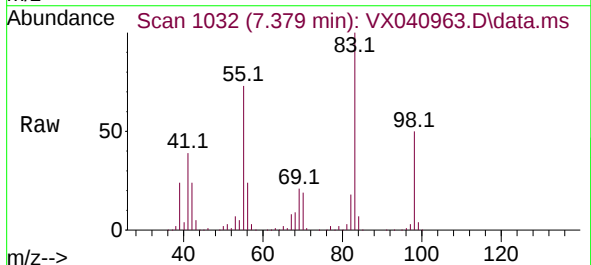


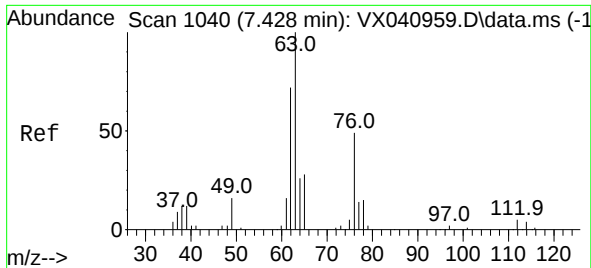
Tgt Ion: 95 Resp: 110649
Ion Ratio Lower Upper
95 100
97 65.3 43.2 80.2
132 104.2 74.3 138.1
130 109.1 76.8 142.6



#35
Methylcyclohexane
Concen: 52.882 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040963.D
Acq: 10 Apr 2024 18:23

Tgt Ion: 83 Resp: 159451
Ion Ratio Lower Upper
83 100
55 71.9 58.9 88.3
98 51.5 40.9 61.3

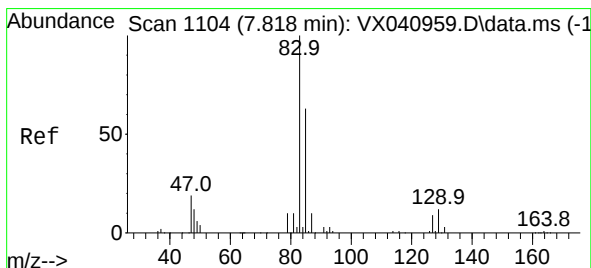
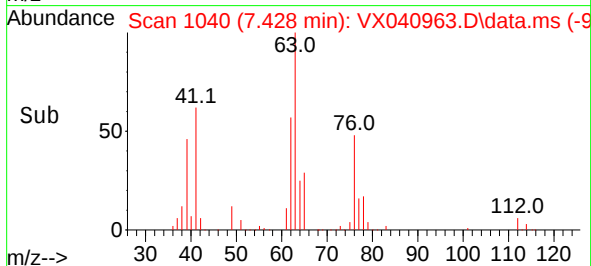
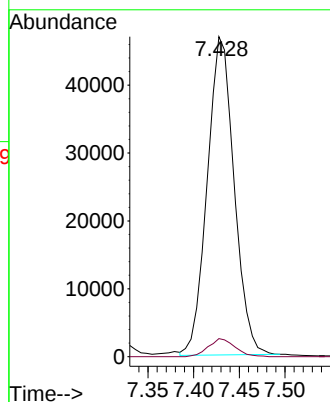
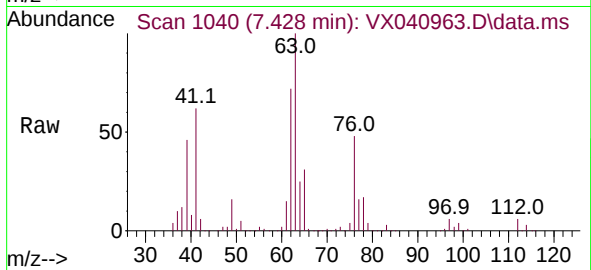




#37
1,2-Dichloropropane
Concen: 50.127 ug/L
RT: 7.428 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX040963.D
Acq: 10 Apr 2024 18:23

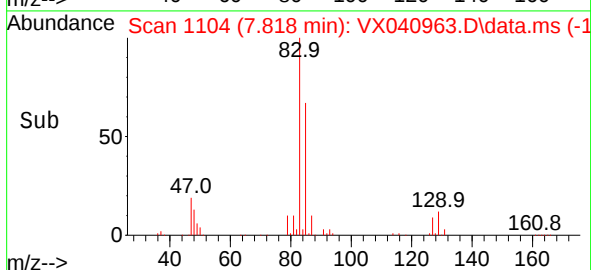
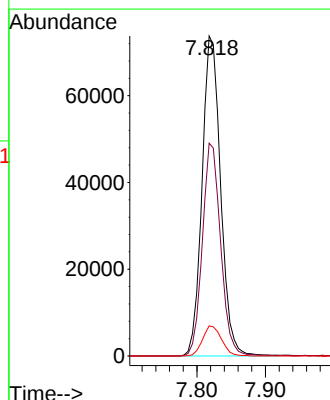
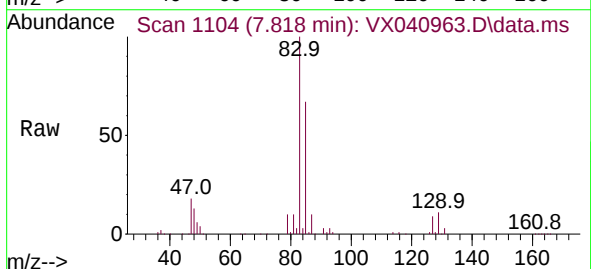
Instrument :
MSVOA_X
ClientSampleId :

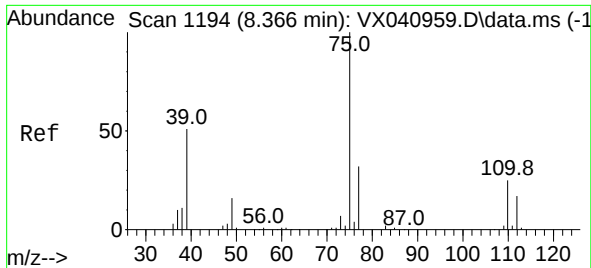
Tgt Ion: 63 Resp: 96163
Ion Ratio Lower Upper
63 100
112 5.6 4.2 6.2



#38
Bromodichloromethane
Concen: 51.803 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX040963.D
Acq: 10 Apr 2024 18:23

Tgt Ion: 83 Resp: 139318
Ion Ratio Lower Upper
83 100
85 66.5 44.3 82.3
127 9.4 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 52.382 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040963.D

Acq: 10 Apr 2024 18:23

Instrument :

MSVOA_X

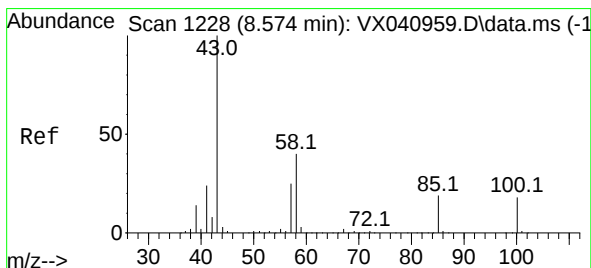
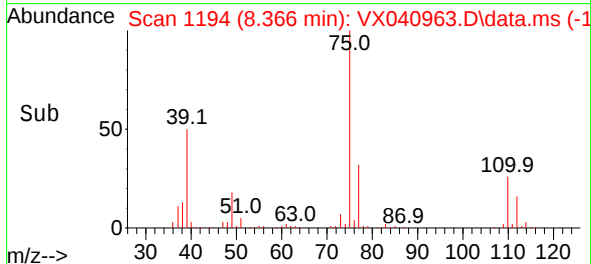
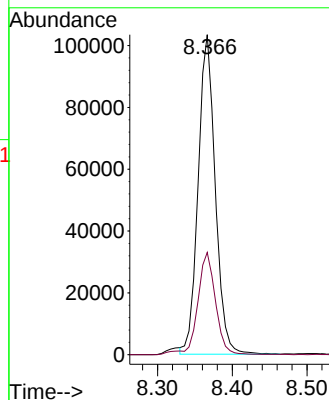
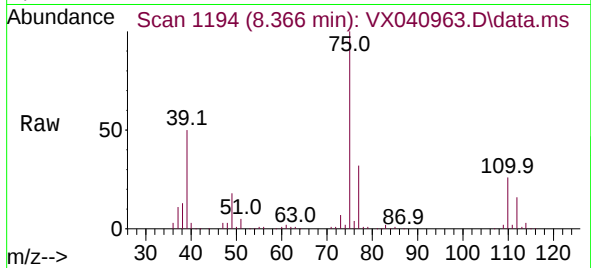
ClientSampleId :

Tgt Ion: 75 Resp: 164178

Ion Ratio Lower Upper

75 100

77 31.9 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 106.628 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX040963.D

Acq: 10 Apr 2024 18:23

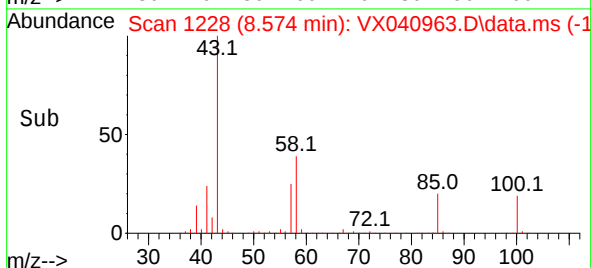
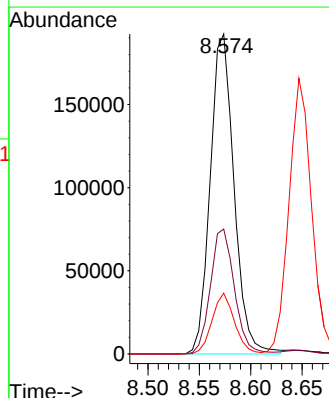
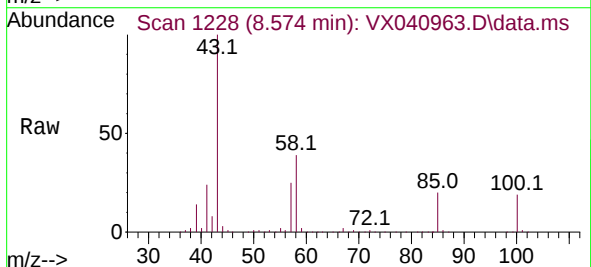
Tgt Ion: 43 Resp: 309790

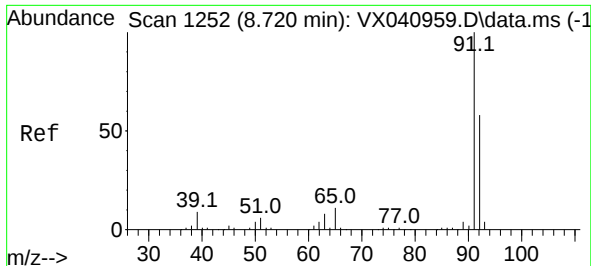
Ion Ratio Lower Upper

43 100

58 39.3 31.1 46.7

100 17.9 14.2 21.2





#42

Toluene

Concen: 52.635 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX040963.D

Acq: 10 Apr 2024 18:23

Instrument :

MSVOA_X

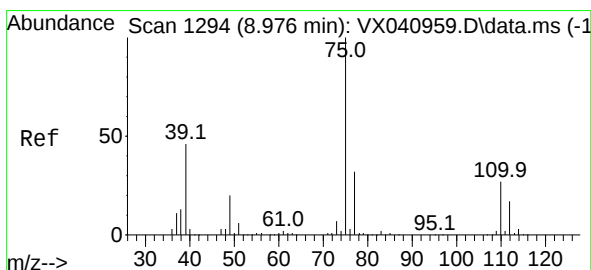
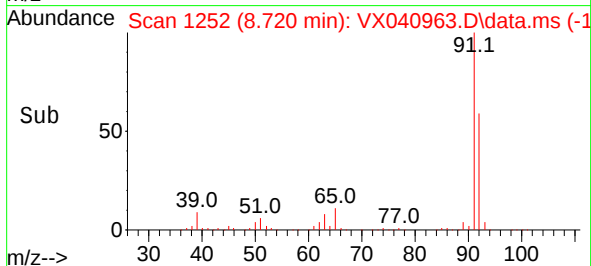
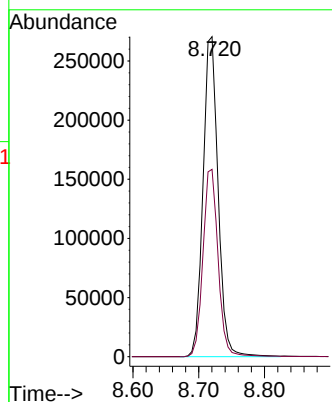
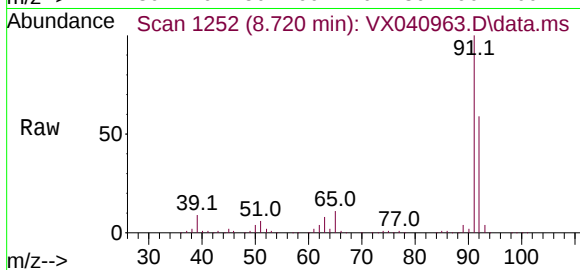
ClientSampleId :

Tgt Ion: 91 Resp: 432006

Ion Ratio Lower Upper

91 100

92 58.5 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 54.404 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX040963.D

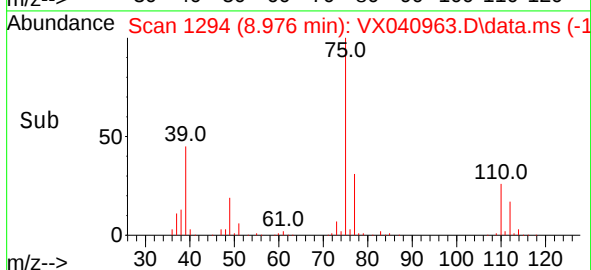
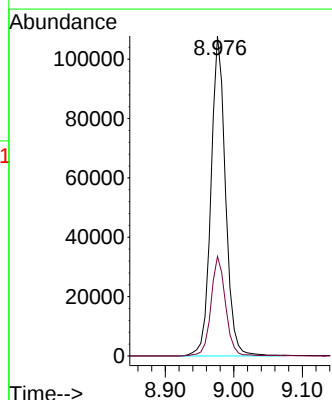
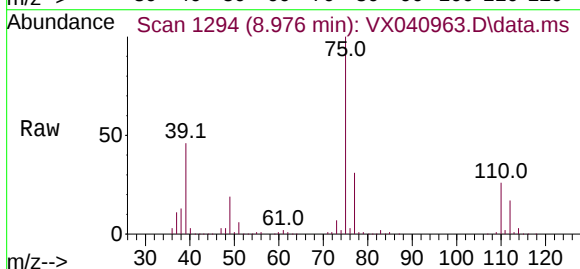
Acq: 10 Apr 2024 18:23

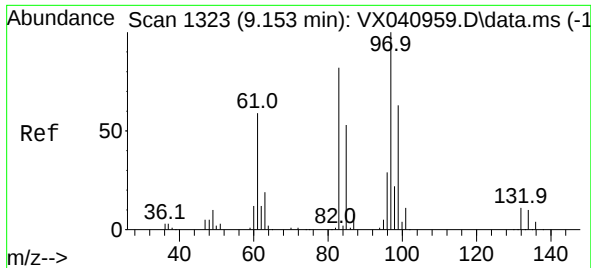
Tgt Ion: 75 Resp: 159354

Ion Ratio Lower Upper

75 100

77 31.1 22.2 41.2

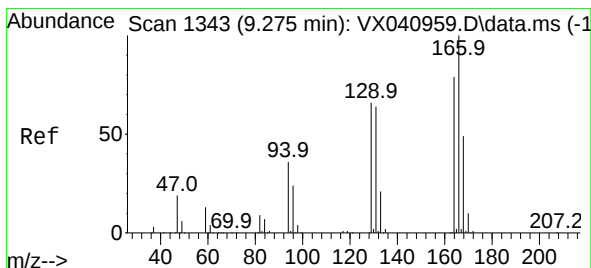
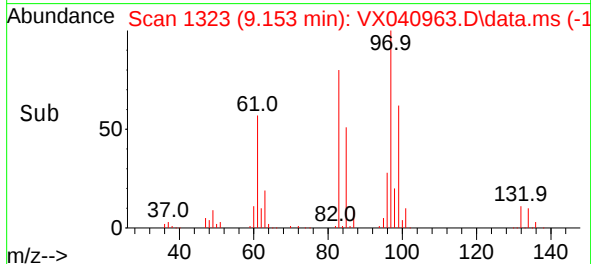
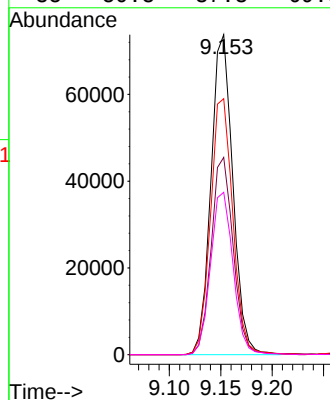
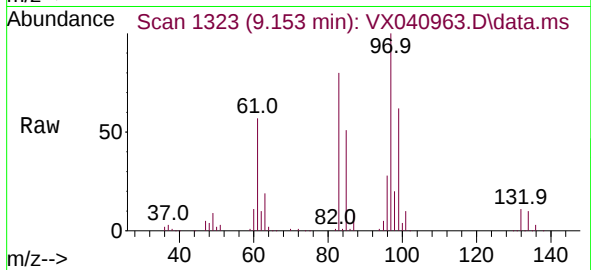




#45
1,1,2-Trichloroethane
Concen: 52.339 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX040963.D
Acq: 10 Apr 2024 18:23

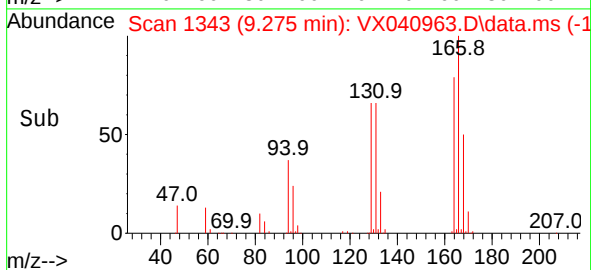
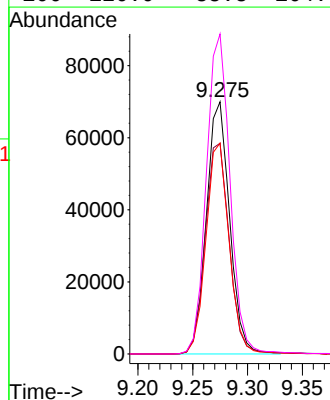
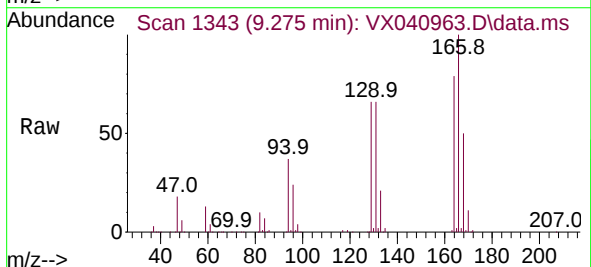
Instrument :
MSVOA_X
ClientSampleId :

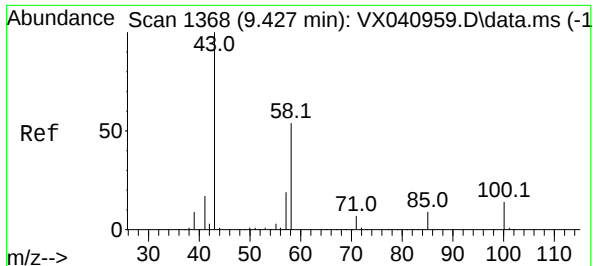
Tgt Ion:	97	Resp:	109062
Ion	Ratio	Lower	Upper
97	100		
99	61.7	44.1	81.9
83	80.0	57.2	106.2
85	50.8	37.3	69.3



#46
Tetrachloroethene
Concen: 51.593 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040963.D
Acq: 10 Apr 2024 18:23

Tgt Ion:	164	Resp:	103308
Ion	Ratio	Lower	Upper
164	100		
129	83.6	58.9	109.5
131	83.6	56.6	105.2
166	126.9	88.8	164.8



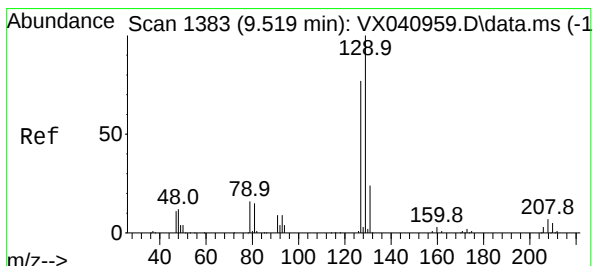
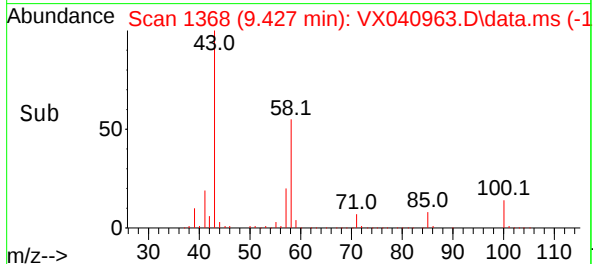
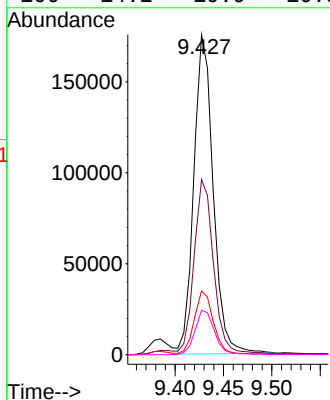
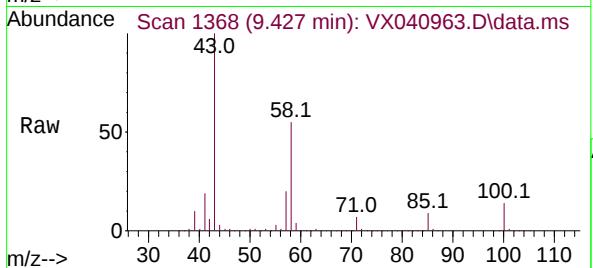


#48
2-Hexanone
Concen: 104.990 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040963.D
Acq: 10 Apr 2024 18:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 245045

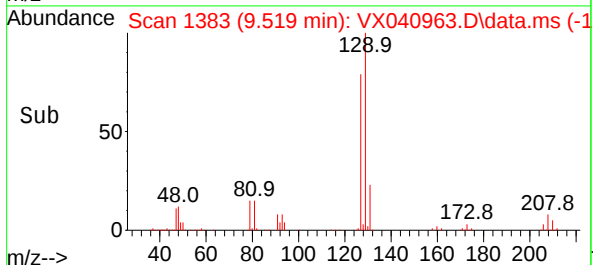
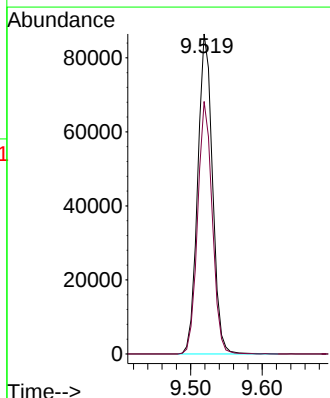
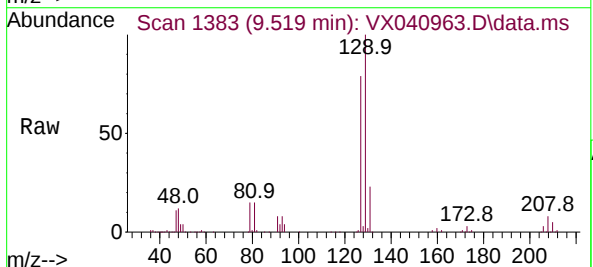
Ion	Ratio	Lower	Upper
43	100		
58	55.5	43.2	64.8
57	19.4	15.4	23.2
100	14.2	10.9	16.3

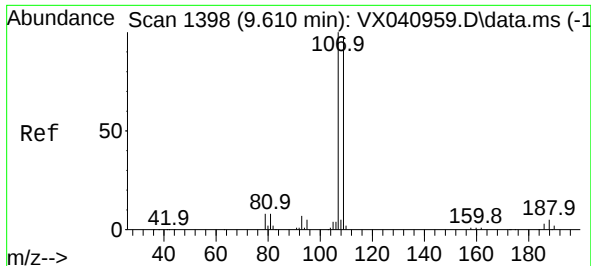


#49
Dibromochloromethane
Concen: 52.736 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040963.D
Acq: 10 Apr 2024 18:23

Tgt Ion: 129 Resp: 123940

Ion	Ratio	Lower	Upper
129	100		
127	78.9	54.0	100.2





#50

1,2-Dibromoethane

Concen: 52.899 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

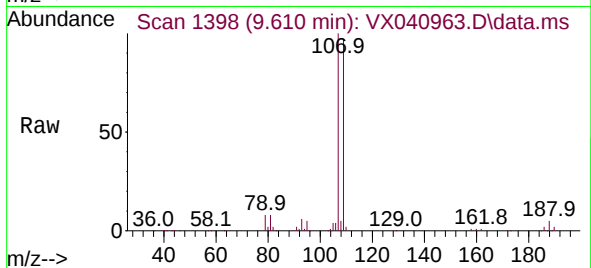
Lab File: VX040963.D

Acq: 10 Apr 2024 18:23

Instrument :

MSVOA_X

ClientSampleId :



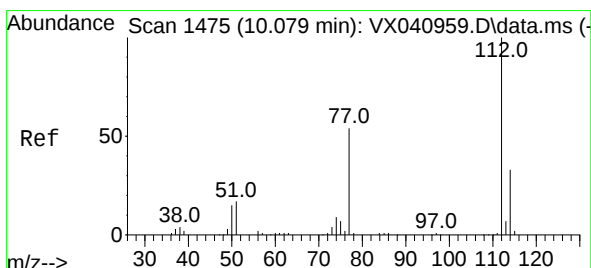
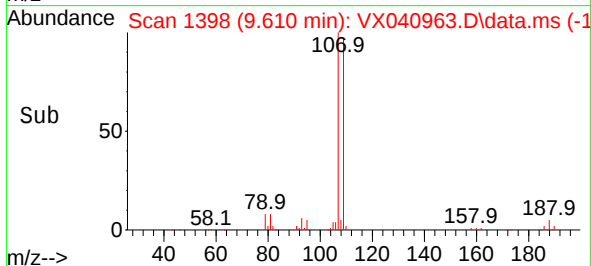
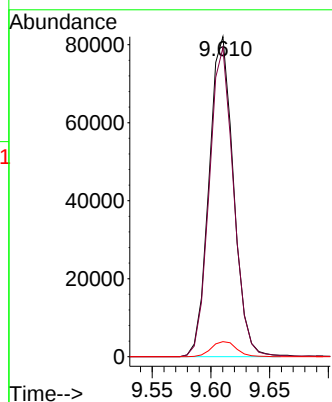
Tgt Ion:107 Resp: 118913

Ion Ratio Lower Upper

107 100

109 96.5 67.7 125.7

188 4.7 3.8 5.6



#51

Chlorobenzene

Concen: 52.162 ug/L

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX040963.D

Acq: 10 Apr 2024 18:23

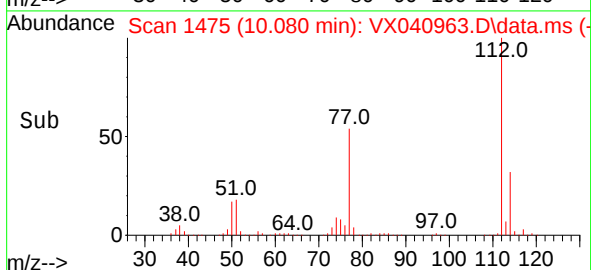
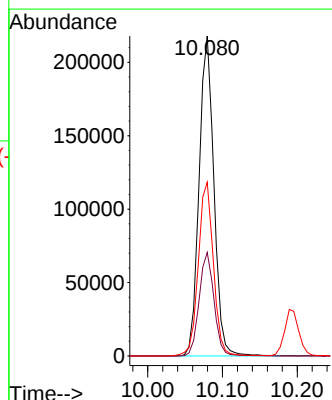
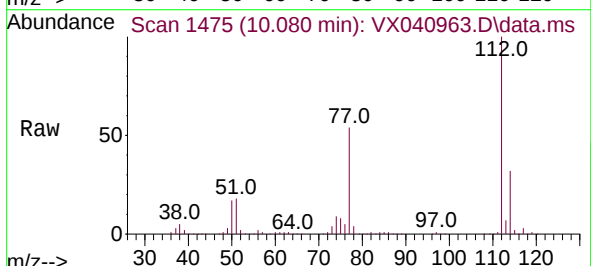
Tgt Ion:112 Resp: 300031

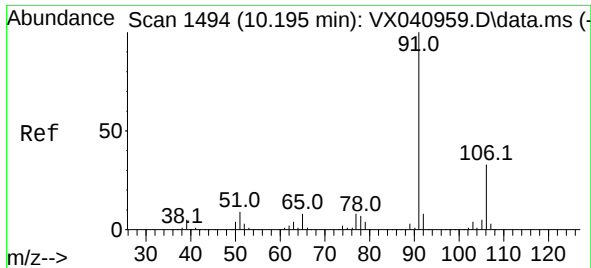
Ion Ratio Lower Upper

112 100

114 32.4 23.0 42.8

77 54.3 43.4 65.0





#52

Ethylbenzene

Concen: 52.872 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX040963.D

Acq: 10 Apr 2024 18:23

Instrument :

MSVOA_X

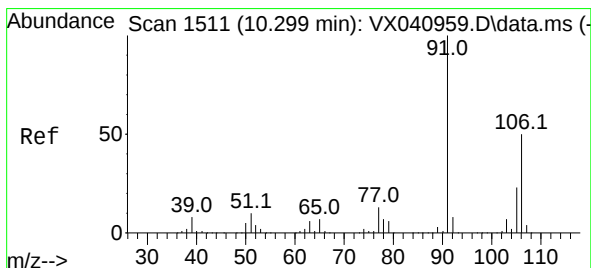
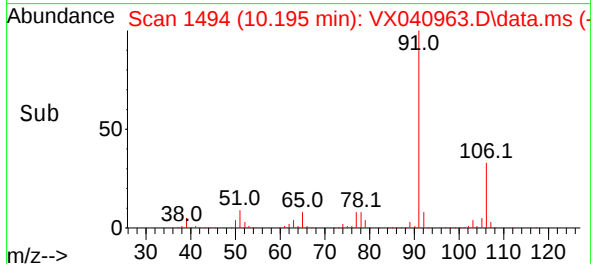
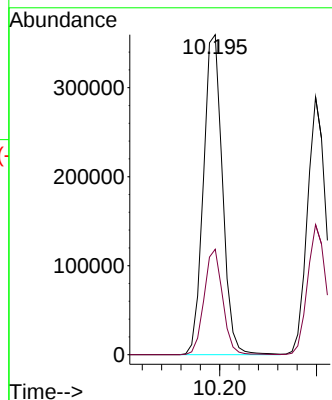
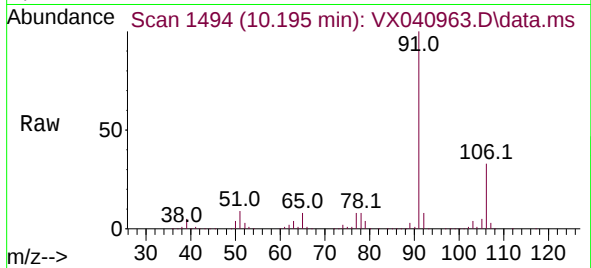
ClientSampleId :

Tgt Ion: 91 Resp: 492370

Ion Ratio Lower Upper

91 100

106 32.9 23.0 42.8



#53

m,p-Xylene

Concen: 52.844 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX040963.D

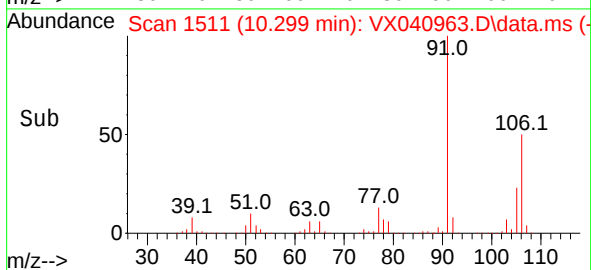
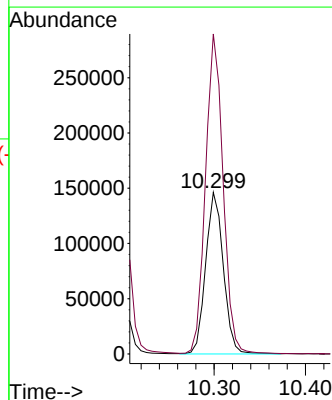
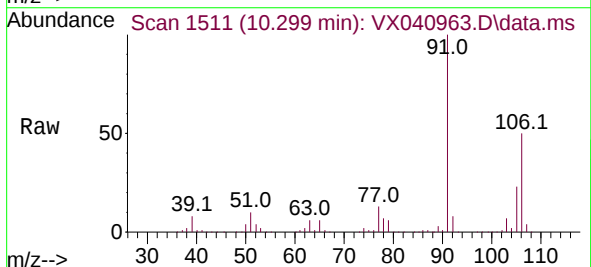
Acq: 10 Apr 2024 18:23

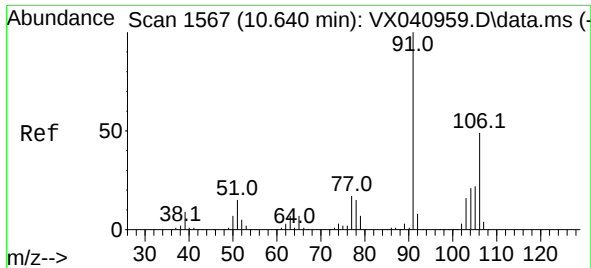
Tgt Ion:106 Resp: 196217

Ion Ratio Lower Upper

106 100

91 198.0 140.4 260.8

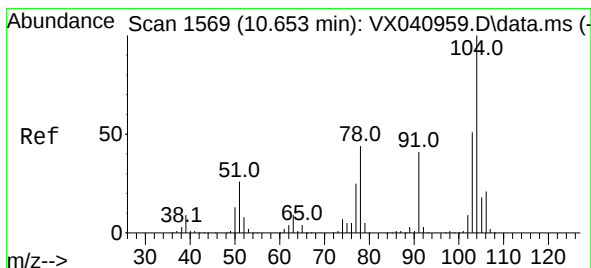
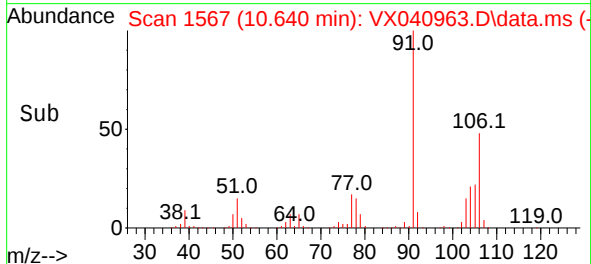
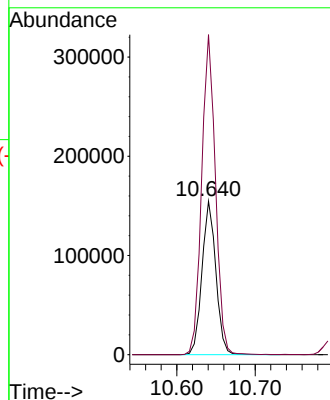
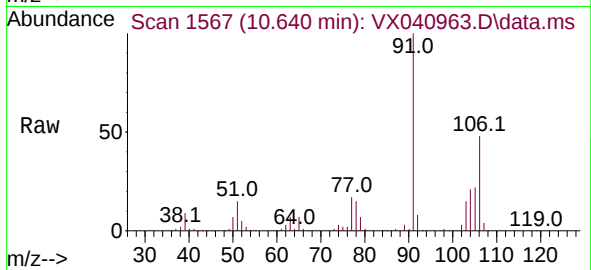




#54
o-Xylene
Concen: 53.056 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040963.D
Acq: 10 Apr 2024 18:23

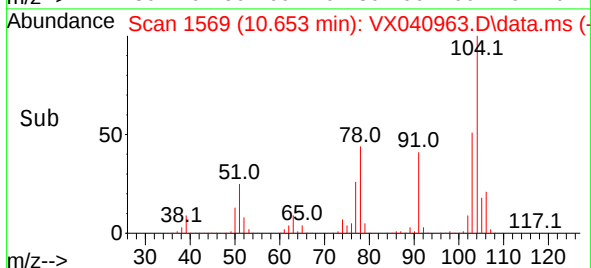
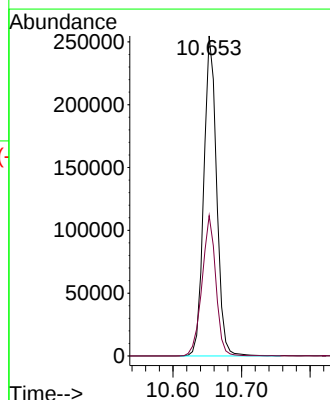
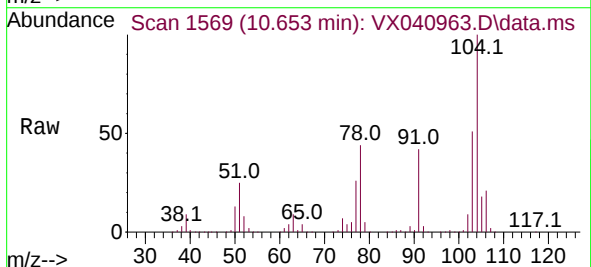
Instrument :
MSVOA_X
ClientSampleId :

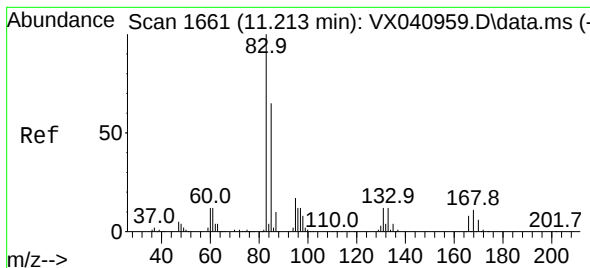
Tgt Ion:106 Resp: 189985
Ion Ratio Lower Upper
106 100
91 208.6 144.0 267.4



#55
Styrene
Concen: 54.089 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040963.D
Acq: 10 Apr 2024 18:23

Tgt Ion:104 Resp: 332989
Ion Ratio Lower Upper
104 100
78 43.9 30.7 56.9

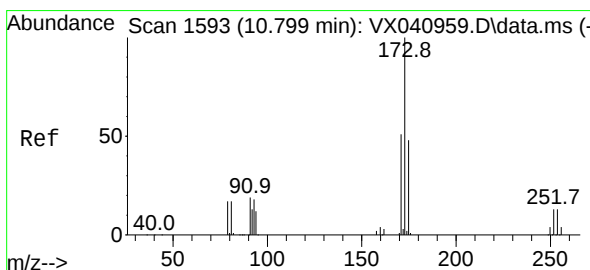
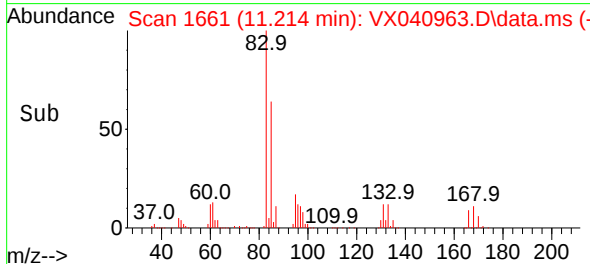
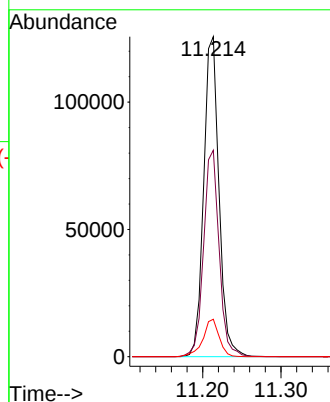
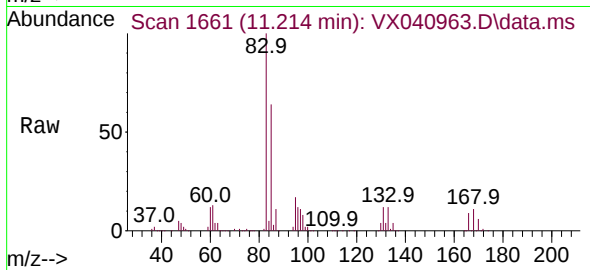




#57
1,1,2,2-Tetrachloroethane
Concen: 52.661 ug/L
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX040963.D
Acq: 10 Apr 2024 18:23

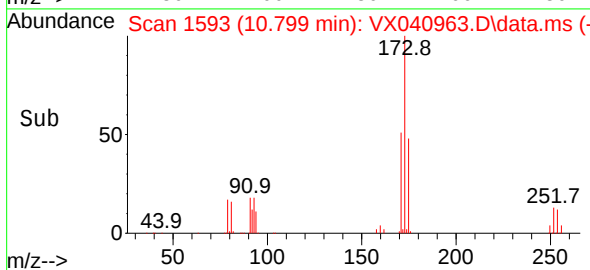
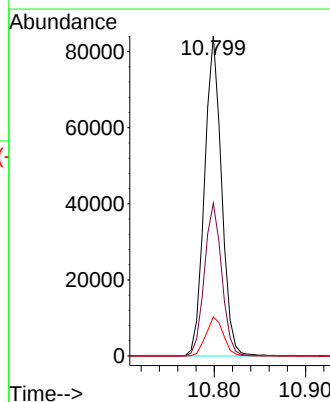
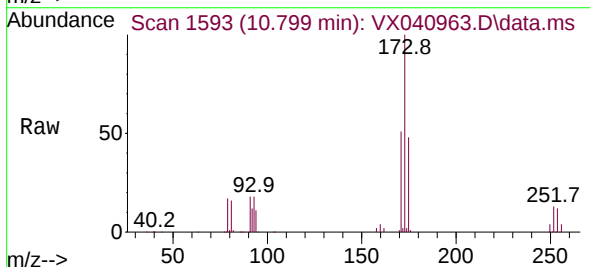
Instrument :
MSVOA_X
ClientSampleId :

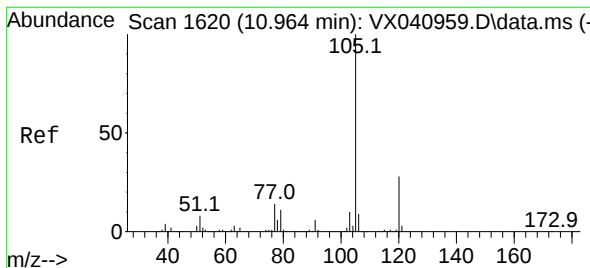
Tgt Ion: 83 Resp: 170012
Ion Ratio Lower Upper
83 100
85 64.5 45.8 85.0
131 11.7 9.4 14.2



#59
Bromoform
Concen: 52.689 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX040963.D
Acq: 10 Apr 2024 18:23

Tgt Ion: 173 Resp: 108682
Ion Ratio Lower Upper
173 100
175 48.6 39.0 58.4
254 12.4 10.4 15.6





#60

Isopropylbenzene

Concen: 52.819 ug/L

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040963.D

Acq: 10 Apr 2024 18:23

Instrument :

MSVOA_X

ClientSampleId :

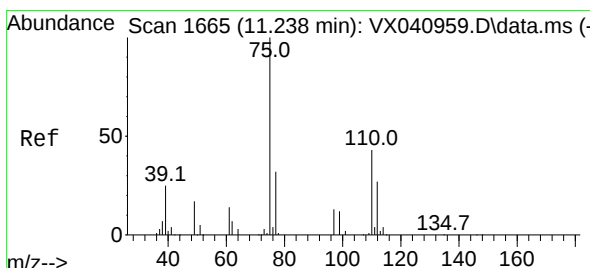
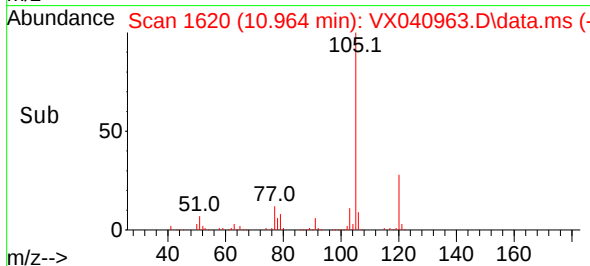
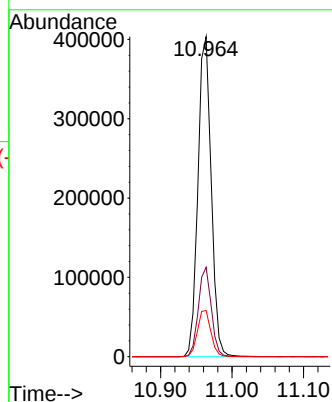
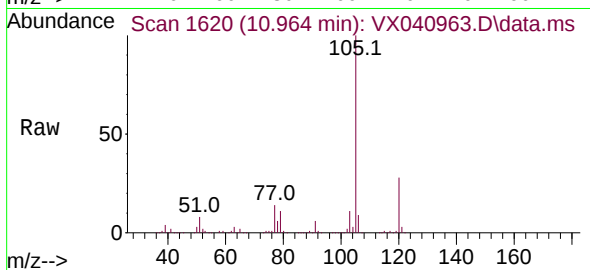
Tgt Ion:105 Resp: 518992

Ion Ratio Lower Upper

105 100

120 27.3 21.9 32.9

77 14.6 11.8 17.8



#61

1,2,3-Trichloropropane

Concen: 51.587 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX040963.D

Acq: 10 Apr 2024 18:23

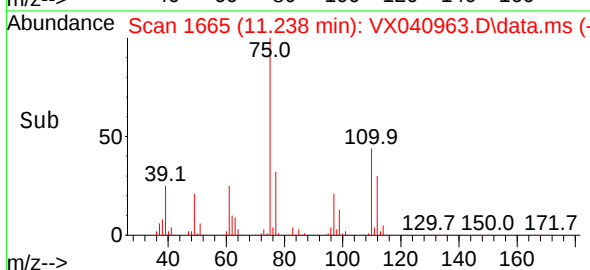
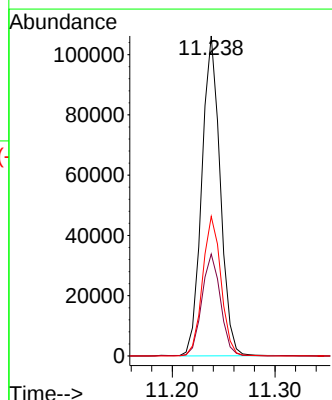
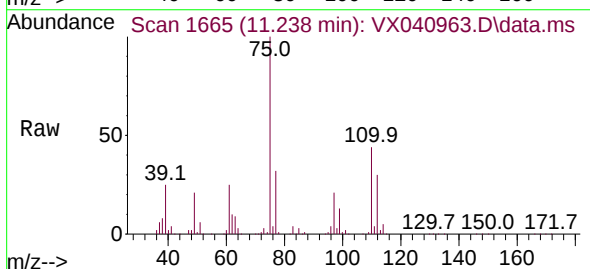
Tgt Ion: 75 Resp: 132393

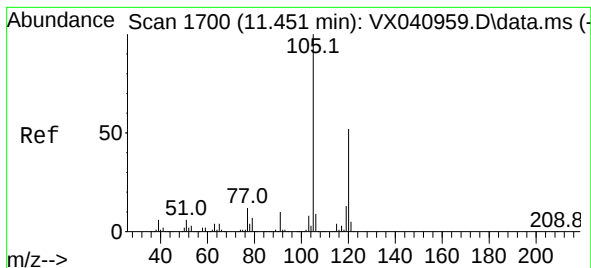
Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.8

110 43.7 35.2 52.8





#62

1,3,5-Trimethylbenzene

Concen: 53.183 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040963.D

Acq: 10 Apr 2024 18:23

Instrument :

MSVOA_X

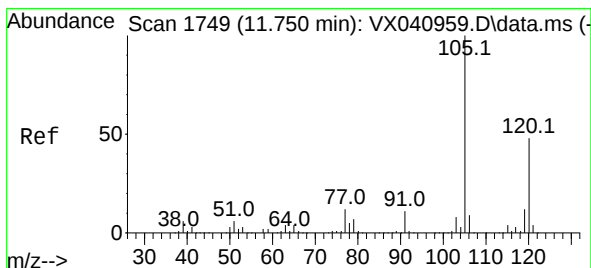
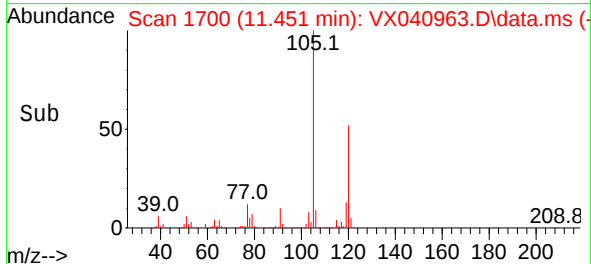
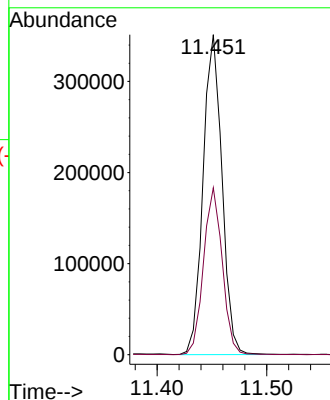
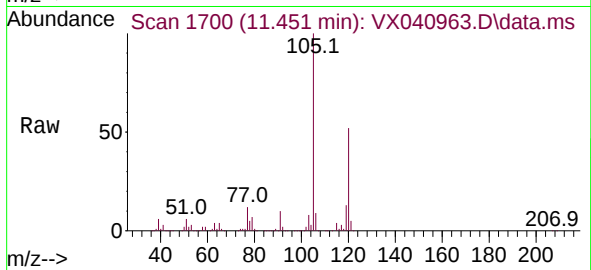
ClientSampleId :

Tgt Ion:105 Resp: 421280

Ion Ratio Lower Upper

105 100

120 51.7 41.0 61.4



#63

1,2,4-Trimethylbenzene

Concen: 53.658 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040963.D

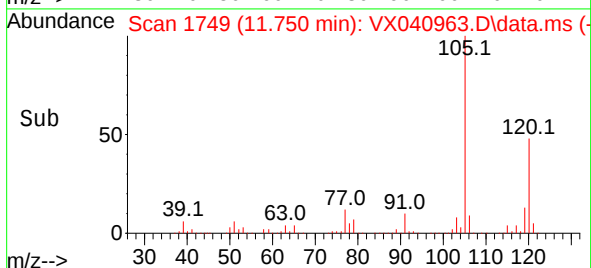
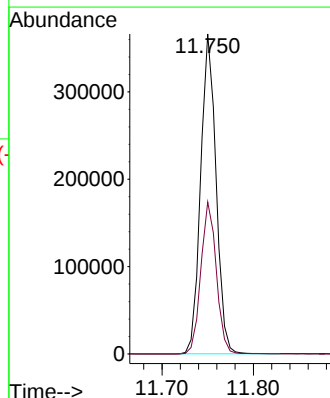
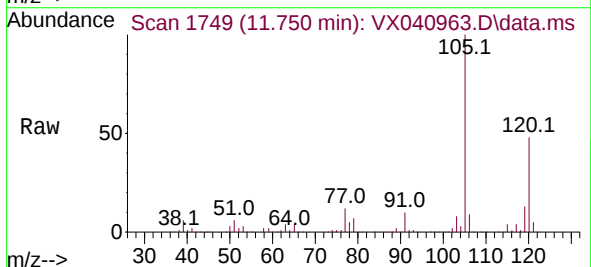
Acq: 10 Apr 2024 18:23

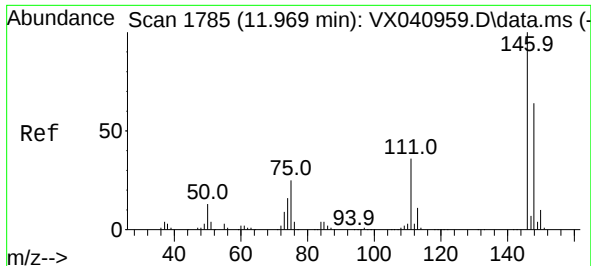
Tgt Ion:105 Resp: 427839

Ion Ratio Lower Upper

105 100

120 47.7 37.8 56.6





#64

1,3-Dichlorobenzene

Concen: 51.864 ug/L

RT: 11.970 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040963.D

Acq: 10 Apr 2024 18:23

Instrument :

MSVOA_X

ClientSampleId :

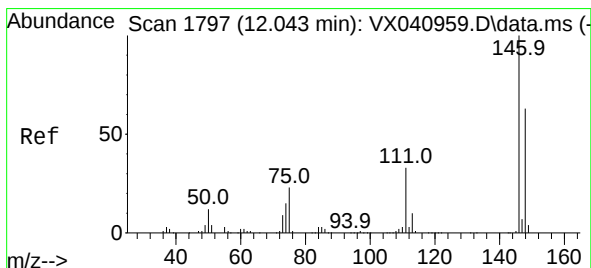
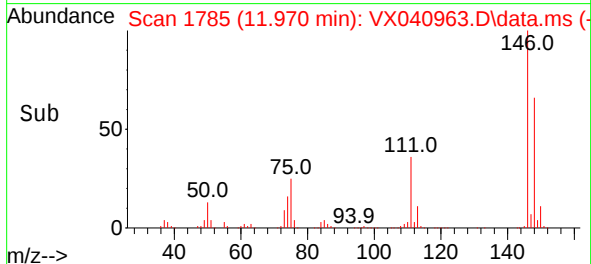
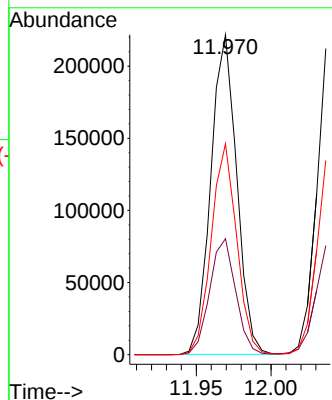
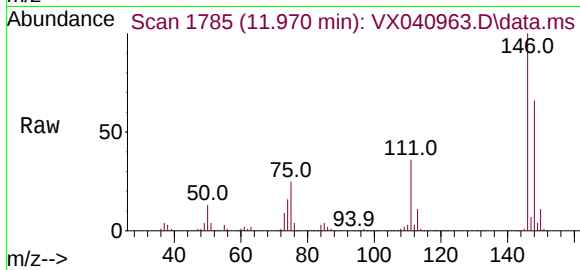
Tgt Ion:146 Resp: 267403

Ion Ratio Lower Upper

146 100

111 36.3 25.3 47.1

148 65.9 44.7 82.9



#65

1,4-Dichlorobenzene

Concen: 51.878 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX040963.D

Acq: 10 Apr 2024 18:23

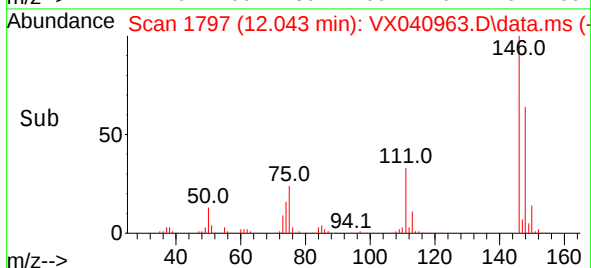
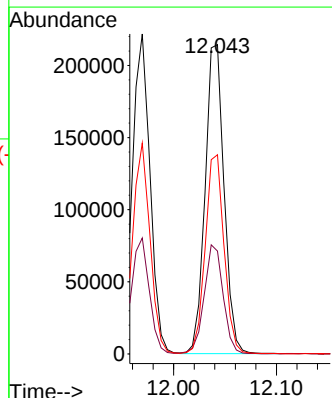
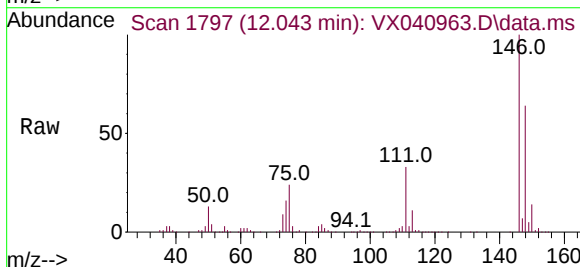
Tgt Ion:146 Resp: 274580

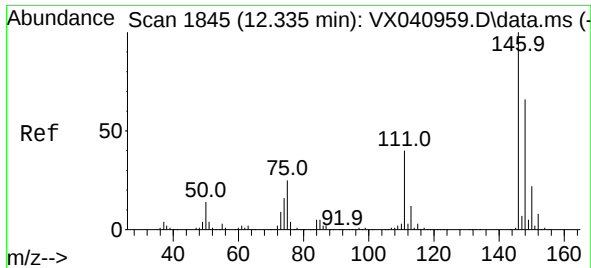
Ion Ratio Lower Upper

146 100

111 33.2 23.4 43.6

148 64.4 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 52.106 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX040963.D

Acq: 10 Apr 2024 18:23

Instrument :

MSVOA_X

ClientSampleId :

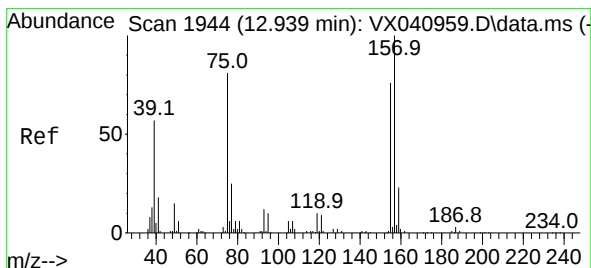
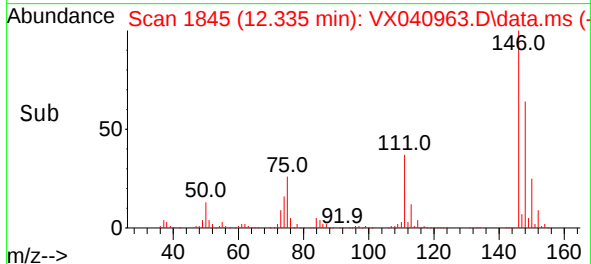
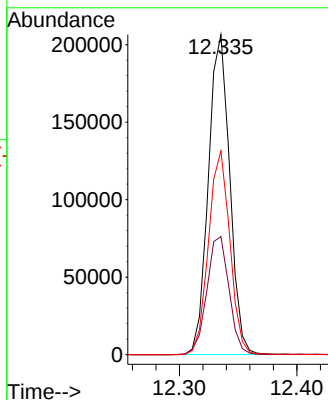
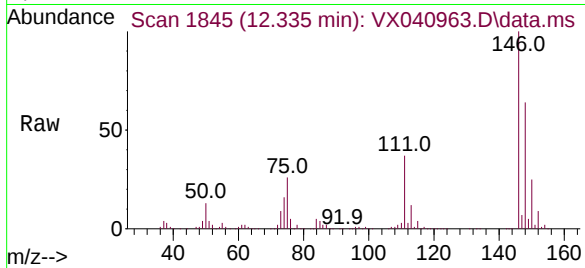
Tgt Ion:146 Resp: 260610

Ion Ratio Lower Upper

146 100

111 36.9 31.8 47.8

148 63.7 53.2 79.8



#68

1,2-Dibromo-3-chloropropane

Concen: 52.239 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX040963.D

Acq: 10 Apr 2024 18:23

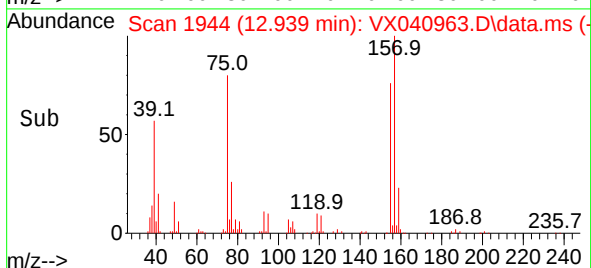
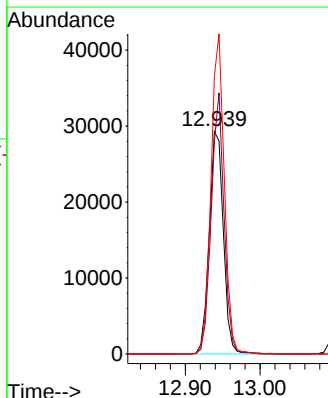
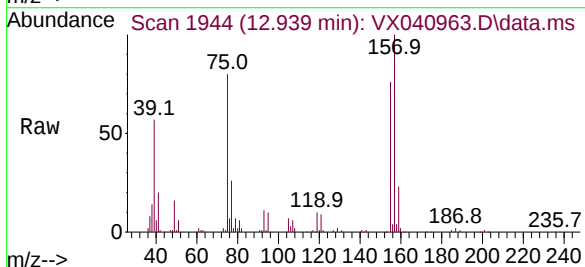
Tgt Ion: 75 Resp: 38341

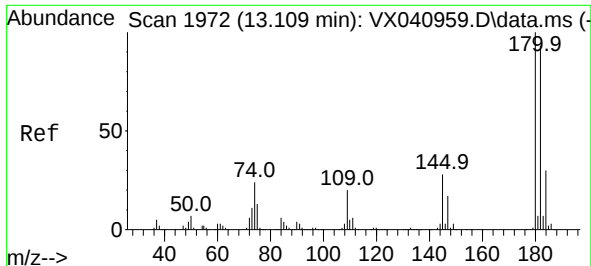
Ion Ratio Lower Upper

75 100

155 95.4 75.6 113.4

157 124.8 99.1 148.7





#69

1,3,5-Trichlorobenzene

Concen: 52.288 ug/L

RT: 13.110 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VX040963.D

Acq: 10 Apr 2024 18:23

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180 Resp: 206457

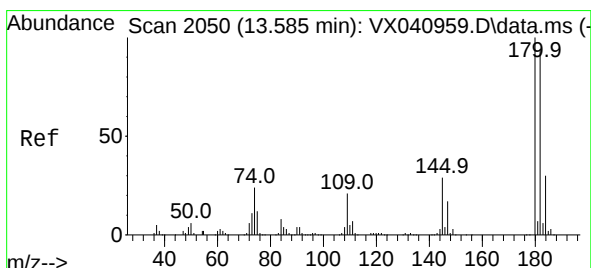
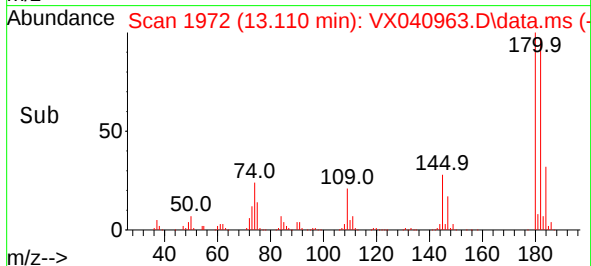
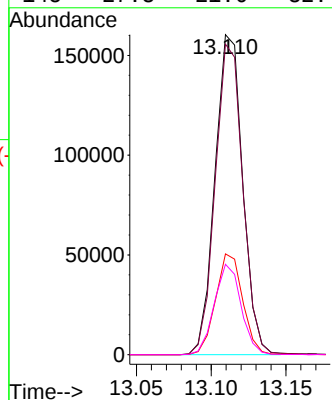
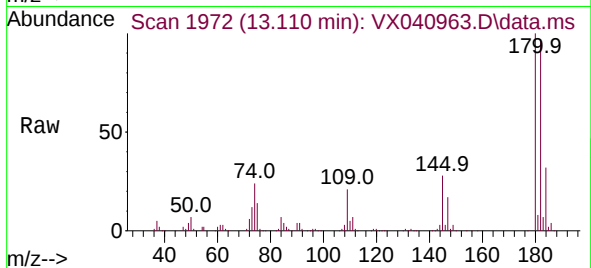
Ion Ratio Lower Upper

180 100

182 96.7 75.8 113.6

184 30.9 24.4 36.6

145 27.3 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 53.055 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040963.D

Acq: 10 Apr 2024 18:23

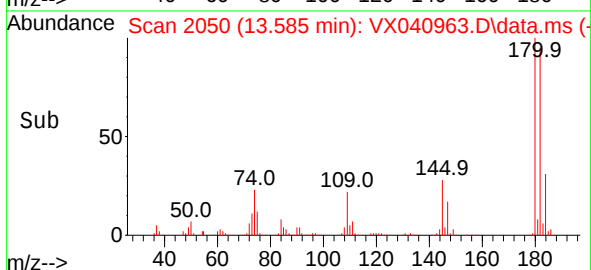
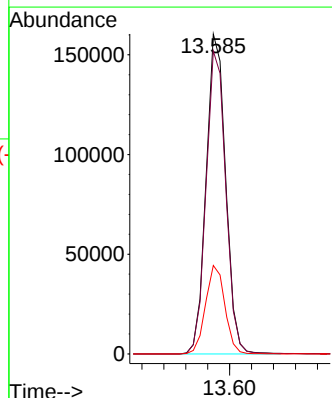
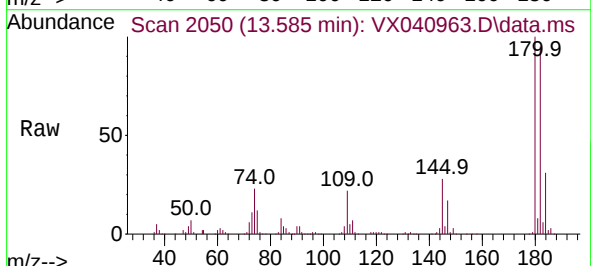
Tgt Ion:180 Resp: 198519

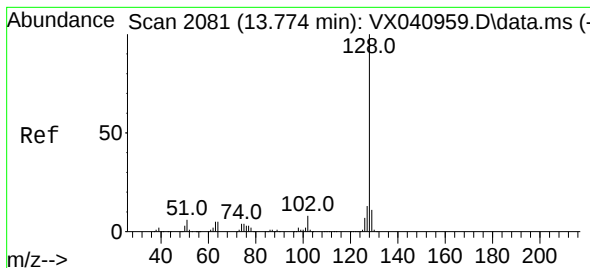
Ion Ratio Lower Upper

180 100

182 95.6 76.8 115.2

145 27.4 22.3 33.5





#71

Naphthalene

Concen: 54.350 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040963.D

Acq: 10 Apr 2024 18:23

Instrument :

MSVOA_X

ClientSampleId :

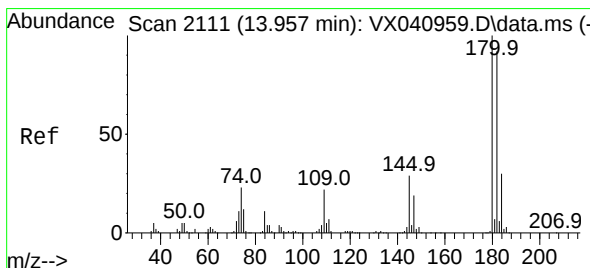
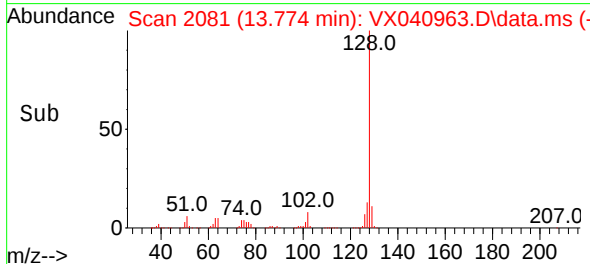
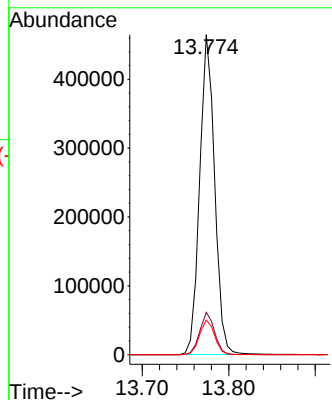
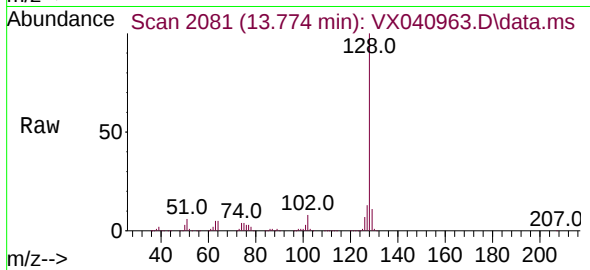
Tgt Ion:128 Resp: 557298

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 53.202 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX040963.D

Acq: 10 Apr 2024 18:23

Tgt Ion:180 Resp: 195236

Ion Ratio Lower Upper

180 100

182 96.0 77.0 115.6

145 29.2 23.4 35.2

