

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040663.D
 Acq On : 15 Mar 2024 18:41
 Operator : JC/MD
 Sample : P1753-21MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 16 02:55:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 01:57:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	147547	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	125415	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	73308	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	51157	39.553	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.100%
7) Chloroethane-d5	1.666	69	45181	43.756	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.520%
11) 1,1-Dichloroethene-d2	2.306	65	23870	40.092	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.180%
21) 2-Butanone-d5	4.452	46	97489	98.226	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.230%
24) Chloroform-d	5.056	84	116969	48.698	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.958	65	84549	47.148	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.300%
32) Benzene-d6	5.970	84	196793	51.146	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.300%
36) 1,2-Dichloropropane-d6	7.306	67	62650	52.537	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.080%
41) Toluene-d8	8.647	98	178361	48.101	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	8.945	79	32589	51.347	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.700%
47) 2-Hexanone-d5	9.384	63	73115	111.119	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.120%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	99917	55.962	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.920%
66) 1,2-Dichlorobenzene-d4	12.317	152	72944	47.508	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	67669	51.384	ug/L	99
3) Chloromethane	1.294	50	58432	51.040	ug/L	97
5) Vinyl chloride	1.374	62	66021	53.306	ug/L	95
6) Bromomethane	1.605	94	41349	62.885	ug/L	100
8) Chloroethane	1.685	64	40186	56.587	ug/L	94
9) Trichlorofluoromethane	1.886	101	88862	51.563	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	51328	50.213	ug/L	100
12) 1,1-Dichloroethene	2.319	96	46591	51.804	ug/L	95
13) Acetone	2.373	43	85340	120.409	ug/L	98
14) Carbon disulfide	2.514	76	131252	50.435	ug/L	99
15) Methyl Acetate	2.703	43	52126	43.565	ug/L	100
16) Methylene chloride	2.788	84	50142	50.626	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	47279	51.206	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	171950	53.850	ug/L	99
19) 1,1-Dichloroethane	3.611	63	95937	53.477	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	53505	51.680	ug/L	96
22) 2-Butanone	4.556	43	87210	92.925	ug/L	96
23) Bromochloromethane	4.897	128	26703	50.570	ug/L	94
25) Chloroform	5.093	83	105638	52.181	ug/L	98

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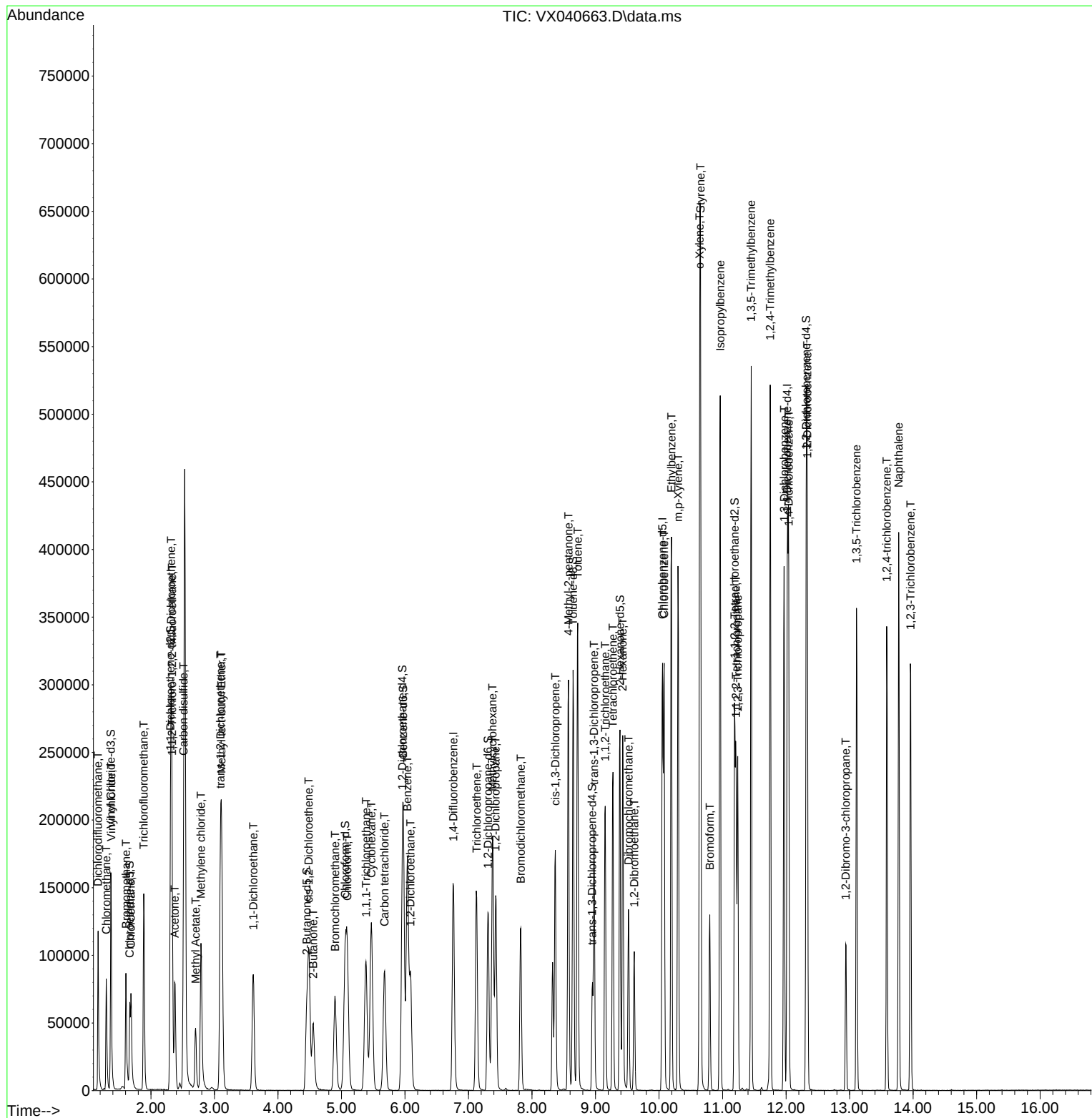
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	97416	54.756	ug/L	99
29) Cyclohexane	5.471	56	81002	58.778	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	93540	59.884	ug/L	99
31) Carbon tetrachloride	5.678	117	78786	60.099	ug/L	99
33) Benzene	6.037	78	198874	59.030	ug/L	100
34) Trichloroethene	7.129	95	57105	57.416	ug/L	94
35) Methylcyclohexane	7.379	83	82436	56.717	ug/L	99
37) 1,2-Dichloropropane	7.427	63	52804	59.201	ug/L	100
38) Bromodichloromethane	7.824	83	78685	59.646	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	85815	57.147	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	177592	116.144	ug/L	100
42) Toluene	8.720	91	220917	59.771	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	84591	57.834	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	53449	58.051	ug/L	98
46) Tetrachloroethene	9.275	164	40536	56.765	ug/L	98
48) 2-Hexanone	9.427	43	136884	108.035	ug/L	100
49) Dibromochloromethane	9.519	129	54214	56.353	ug/L	98
50) 1,2-Dibromoethane	9.610	107	54813	55.358	ug/L	99
51) Chlorobenzene	10.079	112	125271	52.314	ug/L	99
52) Ethylbenzene	10.195	91	233811	53.831	ug/L	99
53) m,p-Xylene	10.299	106	81770	51.786	ug/L	99
54) o-Xylene	10.640	106	91578	60.419	ug/L	96
55) Styrene	10.653	104	161632	61.196	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	89425	58.926	ug/L	99
59) Bromoform	10.799	173	43480	51.137	ug/L	100
60) Isopropylbenzene	10.963	105	254741	51.759	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	73598	50.381	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	214290	52.515	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	214250	52.507	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	111414	51.707	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	112678	51.422	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	108302	52.858	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.939	75	22918	53.591	ug/L	96
69) 1,3,5-Trichlorobenzene	13.109	180	75507	52.204	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	70739	52.739	ug/L	99
71) Naphthalene	13.774	128	231755	54.360	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	70620	53.448	ug/L	99

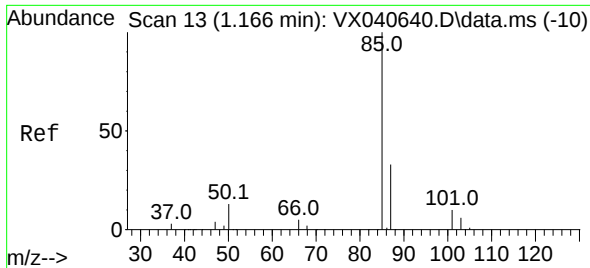
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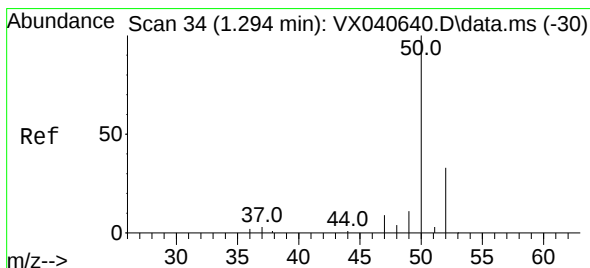
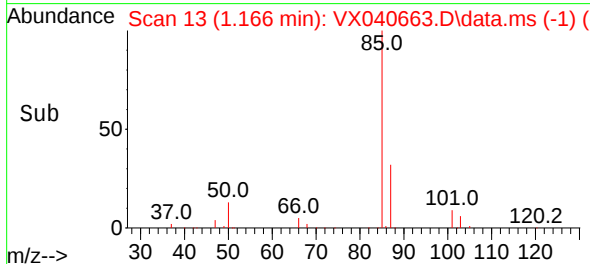
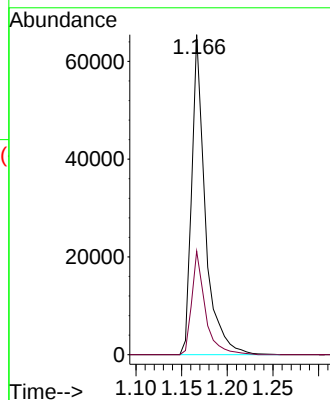
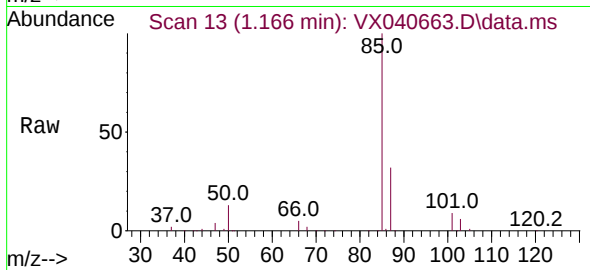




#2
Dichlorodifluoromethane
Concen: 51.384 ug/L
RT: 1.166 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX040663.D
Acq: 15 Mar 2024 18:41

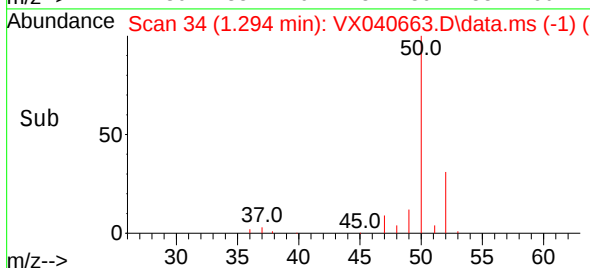
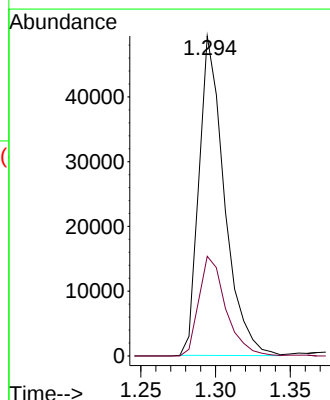
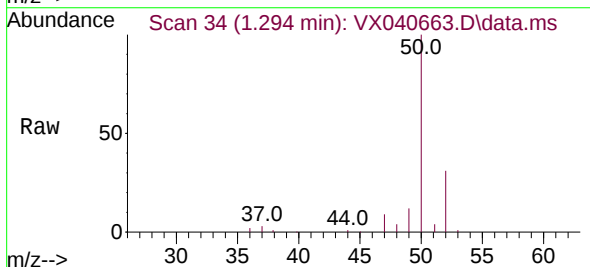
Instrument :
MSVOA_X
ClientSampleId :

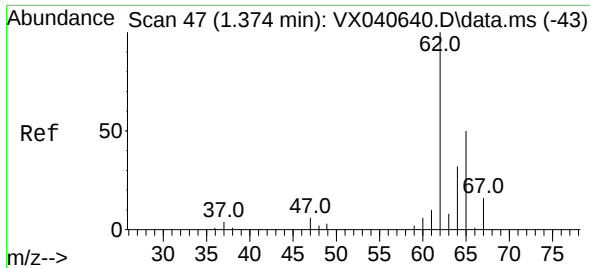
Tgt Ion: 85 Resp: 67669
Ion Ratio Lower Upper
85 100
87 32.1 26.1 39.1



#3
Chloromethane
Concen: 51.040 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040663.D
Acq: 15 Mar 2024 18:41

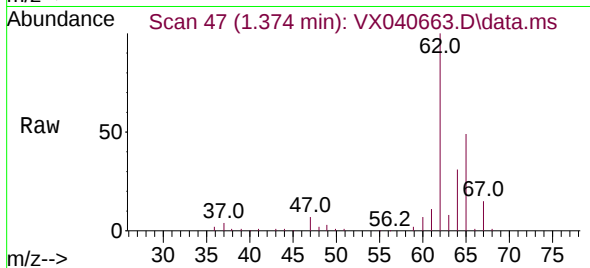
Tgt Ion: 50 Resp: 58432
Ion Ratio Lower Upper
50 100
52 31.2 23.1 42.9



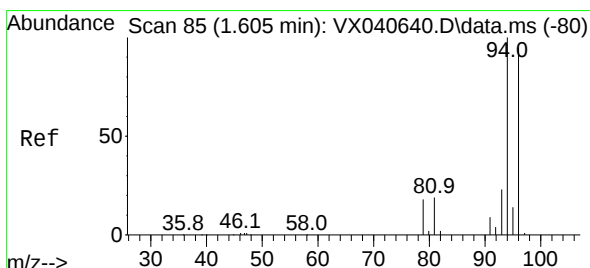
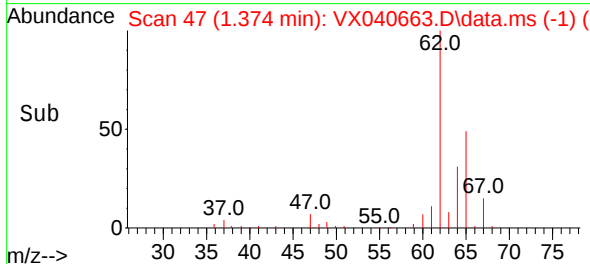
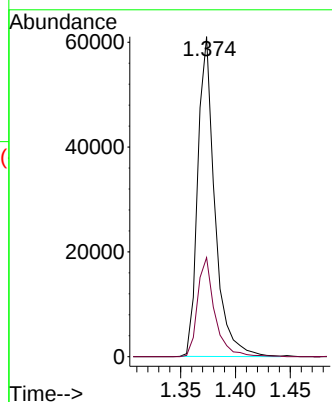


#5
Vinyl chloride
Concen: 53.306 ug/L
RT: 1.374 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX040663.D
Acq: 15 Mar 2024 18:41

Instrument :
MSVOA_X
ClientSampleId :

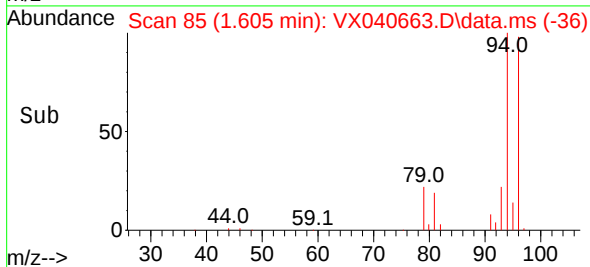
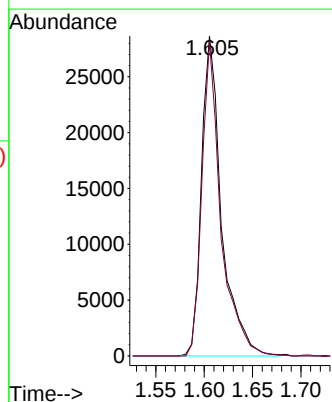
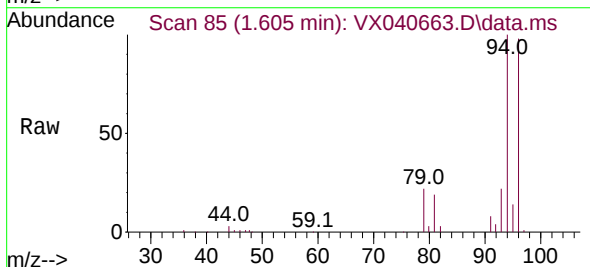


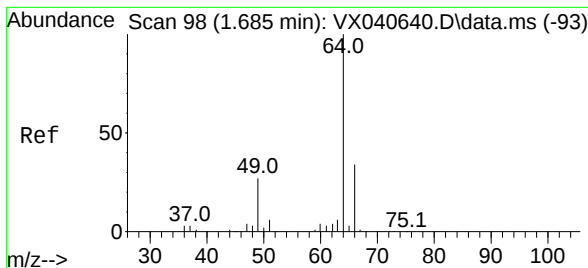
Tgt Ion: 62 Resp: 66021
Ion Ratio Lower Upper
62 100
64 31.0 23.8 44.2



#6
Bromomethane
Concen: 62.885 ug/L
RT: 1.605 min Scan# 85
Delta R.T. 0.000 min
Lab File: VX040663.D
Acq: 15 Mar 2024 18:41

Tgt Ion: 94 Resp: 41349
Ion Ratio Lower Upper
94 100
96 98.3 69.0 128.2





#8

Chloroethane

Concen: 56.587 ug/L

RT: 1.685 min Scan# 98

Delta R.T. -0.000 min

Lab File: VX040663.D

Acq: 15 Mar 2024 18:41

Instrument :

MSVOA_X

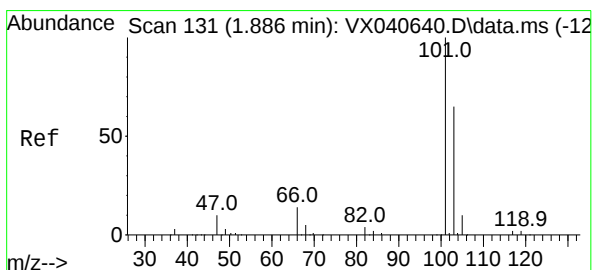
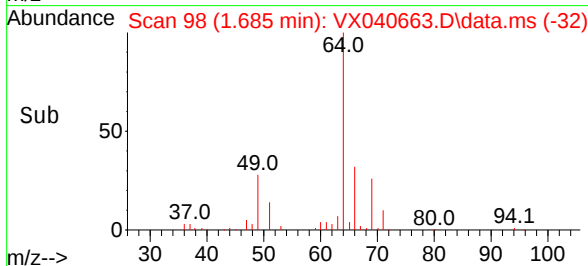
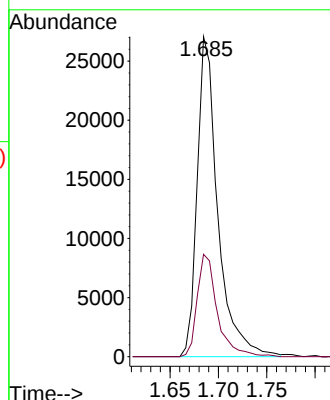
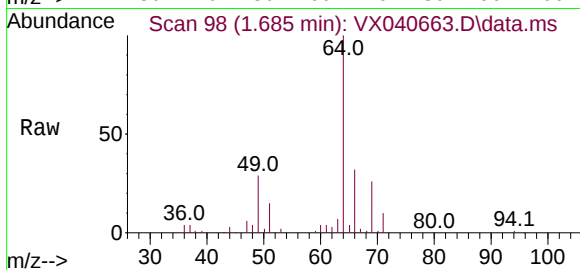
ClientSampleId :

Tgt Ion: 64 Resp: 40186

Ion Ratio Lower Upper

64 100

66 32.0 25.0 46.4



#9

Trichlorofluoromethane

Concen: 51.563 ug/L

RT: 1.886 min Scan# 131

Delta R.T. -0.000 min

Lab File: VX040663.D

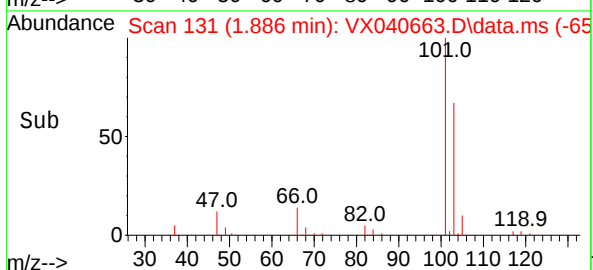
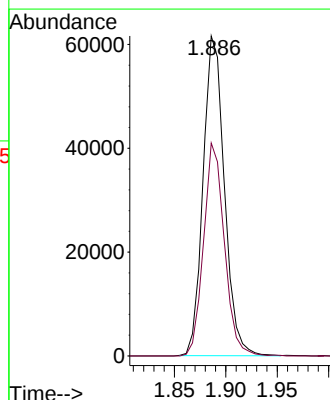
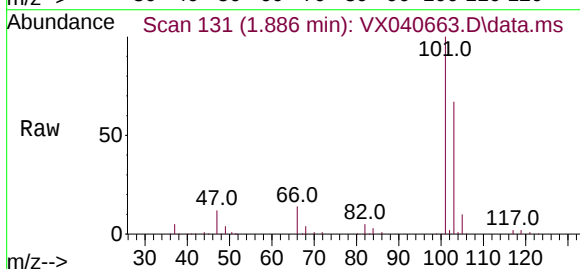
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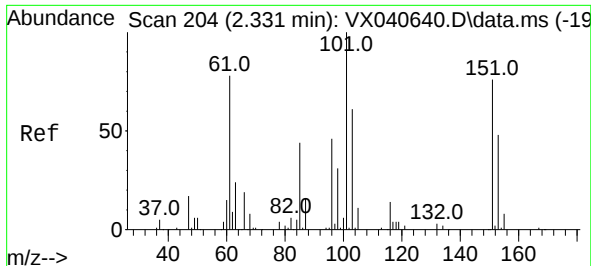
Tgt Ion:101 Resp: 88862

Ion Ratio Lower Upper

101 100

103 64.9 51.7 77.5

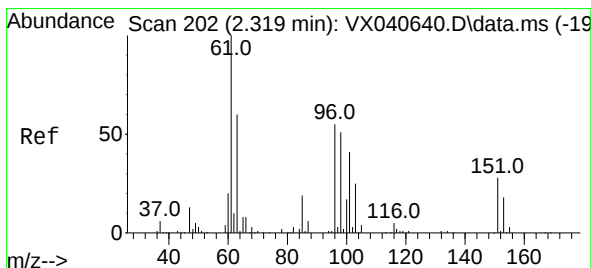
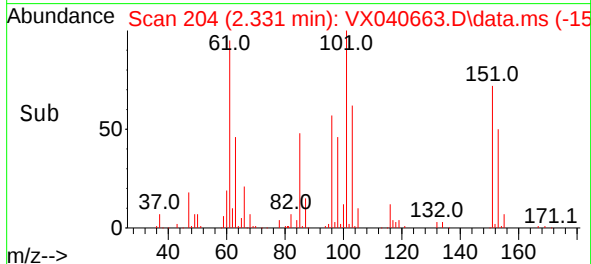
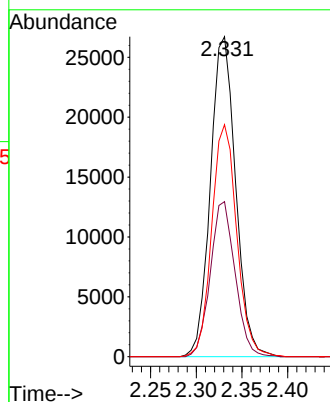
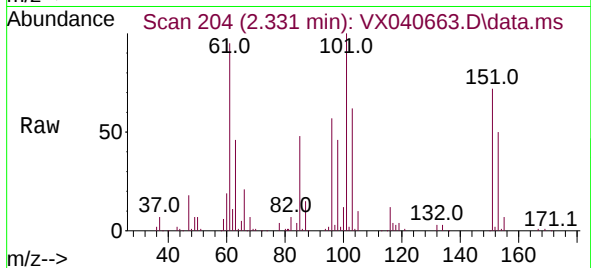




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 50.213 ug/L
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX040663.D
Acq: 15 Mar 2024 18:41

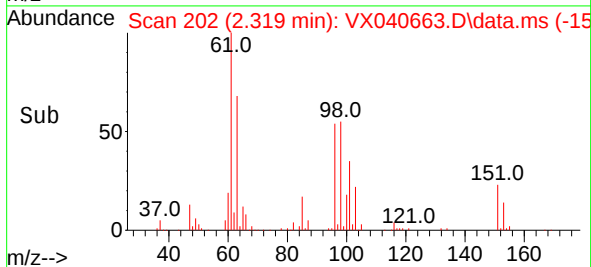
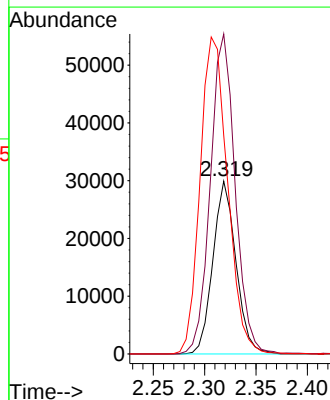
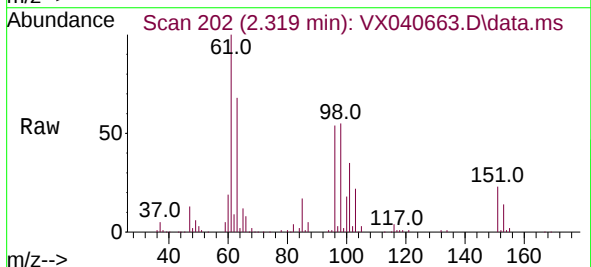
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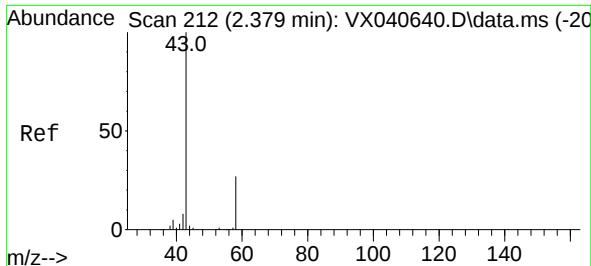
Tgt Ion:101 Resp: 51328
Ion Ratio Lower Upper
101 100
85 47.5 38.3 57.5
151 72.0 57.7 86.5



#12
1,1-Dichloroethene
Concen: 51.804 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040663.D
Acq: 15 Mar 2024 18:41

Tgt Ion: 96 Resp: 46591
Ion Ratio Lower Upper
96 100
61 185.2 134.8 250.4
63 126.6 92.5 171.9





#13

Acetone

Concen: 120.409 ug/L

RT: 2.373 min Scan# 211

Delta R.T. -0.006 min

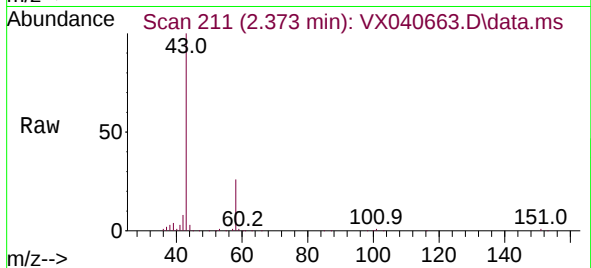
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Acq: 15 Mar 2024 18:41

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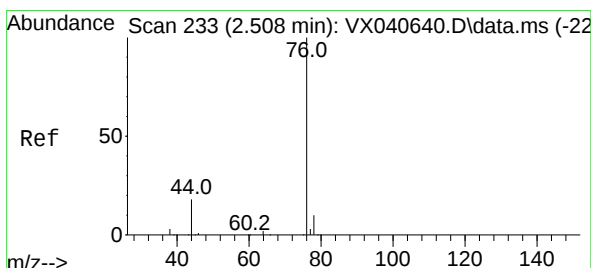
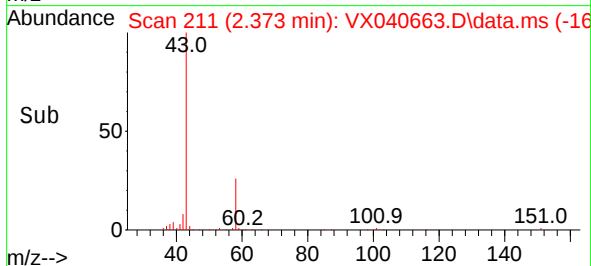
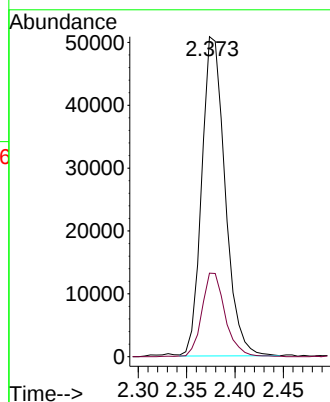


Tgt Ion: 43 Resp: 85340

Ion Ratio Lower Upper

43 100

58 26.2 0.0 54.6



#14

Carbon disulfide

Concen: 50.435 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.006 min

Lab File: VX040663.D

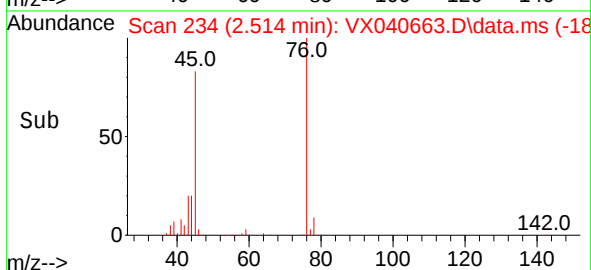
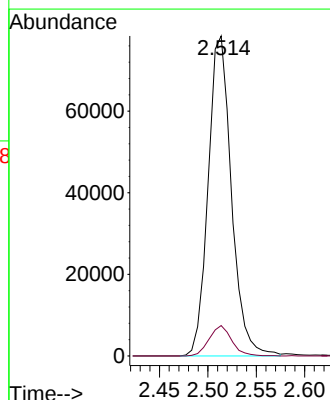
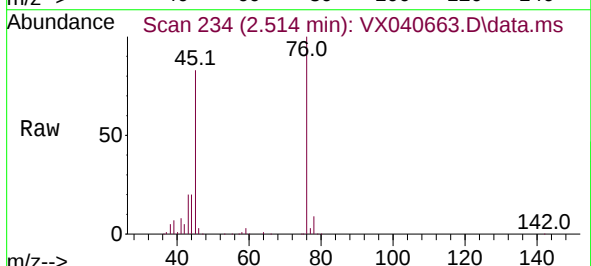
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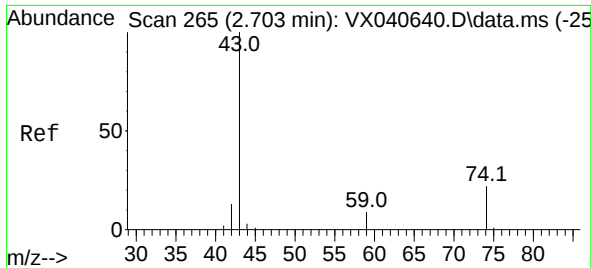
Tgt Ion: 76 Resp: 131252

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8





#15

Methyl Acetate

Concen: 43.565 ug/L

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX040663.D

Acq: 15 Mar 2024 18:41

Instrument :

MSVOA_X

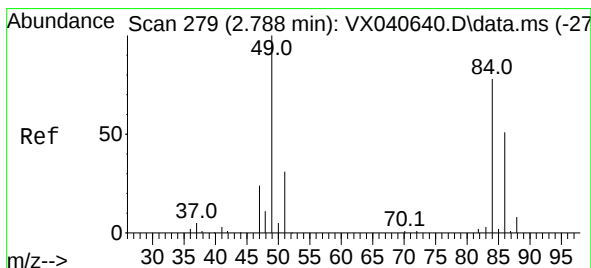
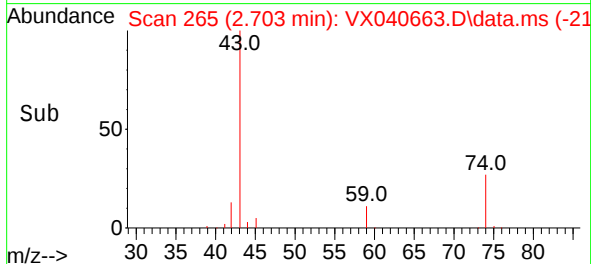
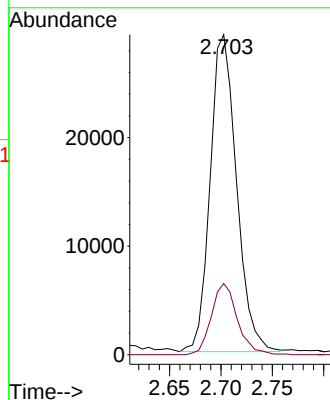
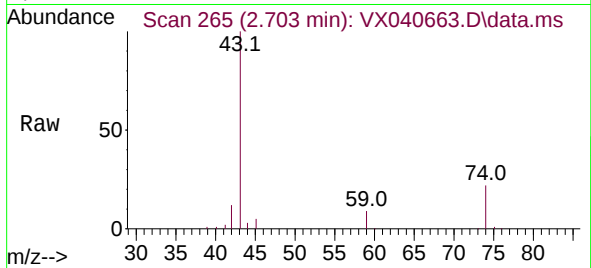
ClientSampleId :

Tgt Ion: 43 Resp: 52126

Ion Ratio Lower Upper

43 100

74 22.0 17.6 26.4



#16

Methylene chloride

Concen: 50.626 ug/L

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX040663.D

Acq: 15 Mar 2024 18:41

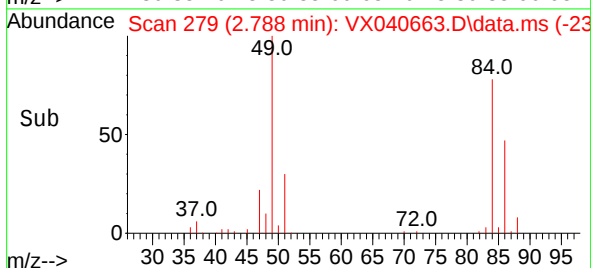
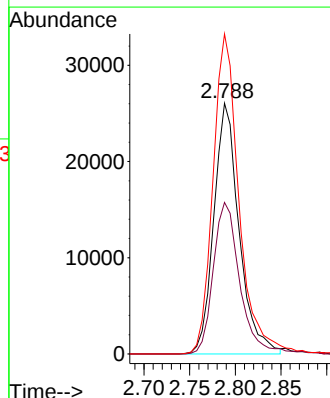
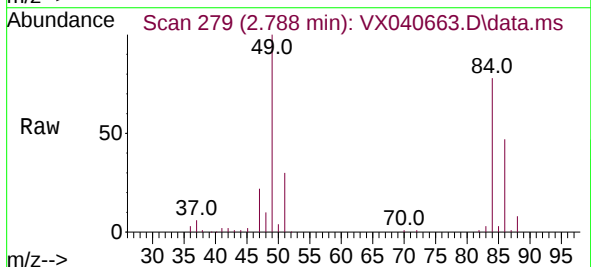
Tgt Ion: 84 Resp: 50142

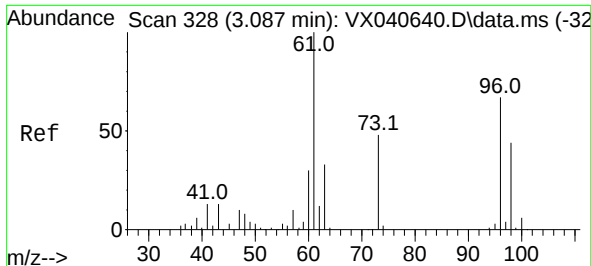
Ion Ratio Lower Upper

84 100

86 60.4 45.8 85.2

49 127.6 92.6 172.0

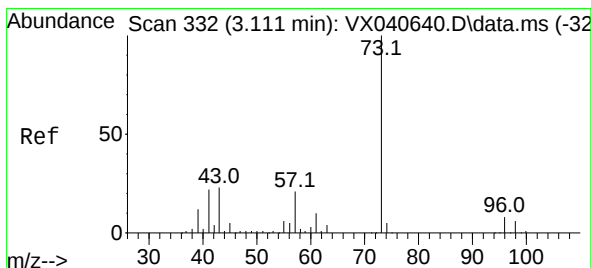
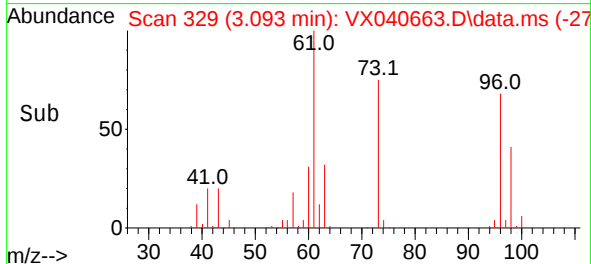
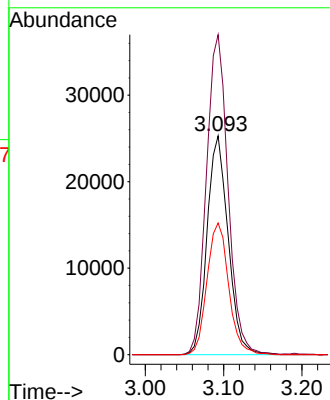
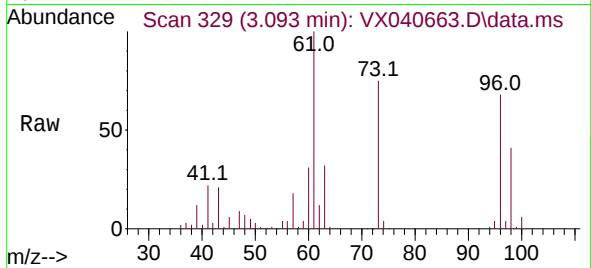




#17
trans-1,2-Dichloroethene
Concen: 51.206 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX040663.D
Acq: 15 Mar 2024 18:41

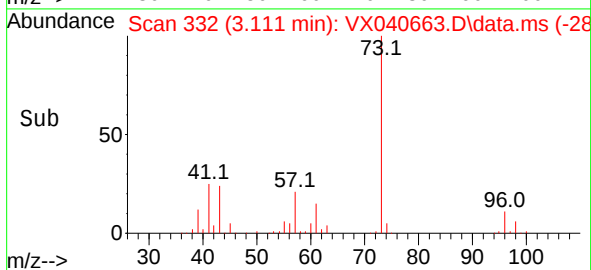
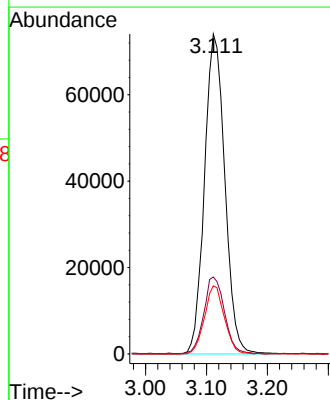
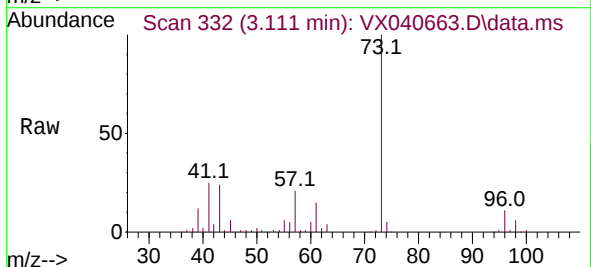
Instrument :
MSVOA_X
ClientSampleId :

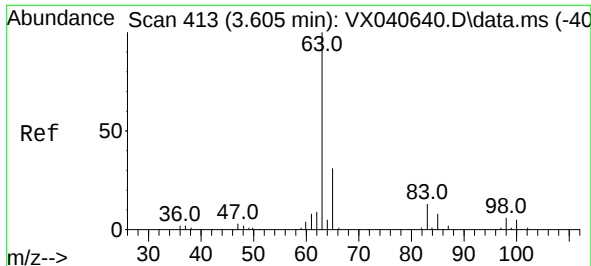
Tgt Ion: 96 Resp: 47279
Ion Ratio Lower Upper
96 100
61 146.1 106.6 198.0
98 60.1 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 53.850 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX040663.D
Acq: 15 Mar 2024 18:41

Tgt Ion: 73 Resp: 171950
Ion Ratio Lower Upper
73 100
43 24.2 19.3 28.9
57 20.7 17.1 25.7





#19

1,1-Dichloroethane

Concen: 53.477 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX040663.D

Acq: 15 Mar 2024 18:41

Instrument :

MSVOA_X

ClientSampleId :

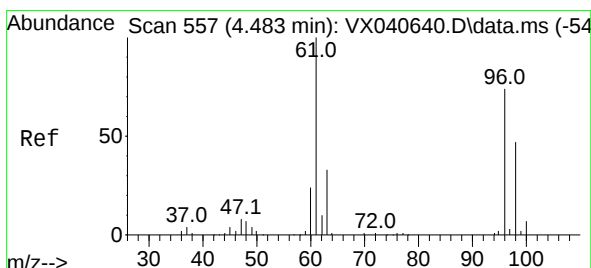
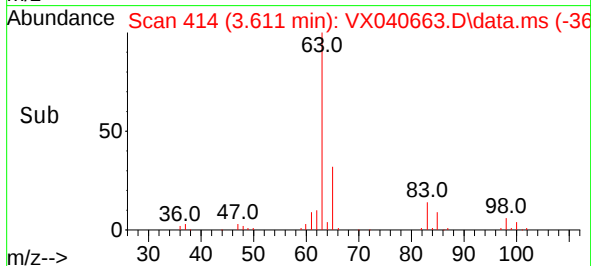
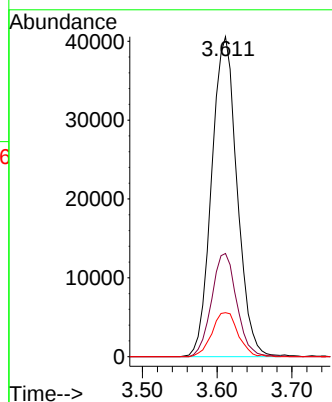
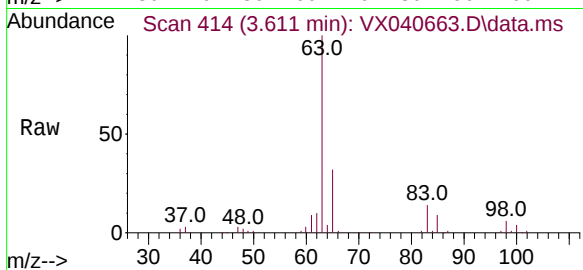
Tgt Ion: 63 Resp: 95937

Ion Ratio Lower Upper

63 100

65 32.2 23.1 42.9

83 13.7 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 51.680 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX040663.D

Acq: 15 Mar 2024 18:41

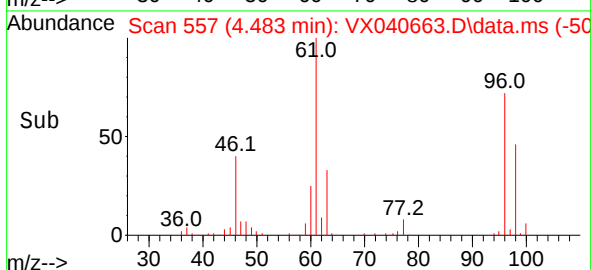
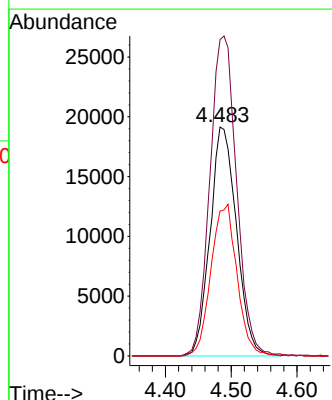
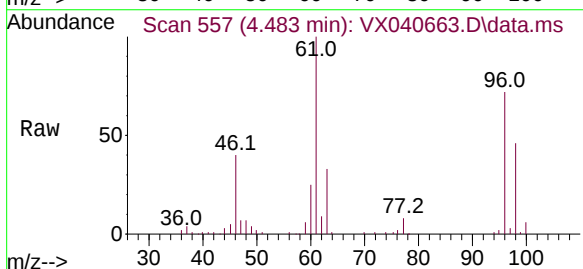
Tgt Ion: 96 Resp: 53505

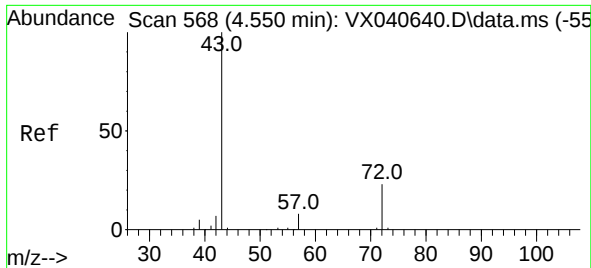
Ion Ratio Lower Upper

96 100

61 138.1 93.0 172.8

98 63.3 42.4 78.6

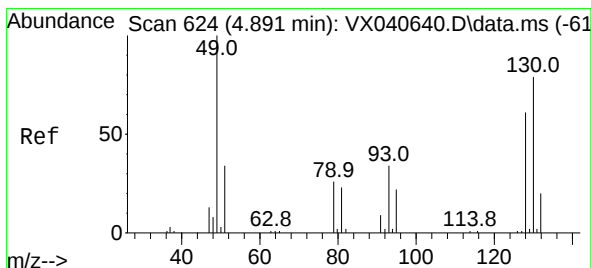
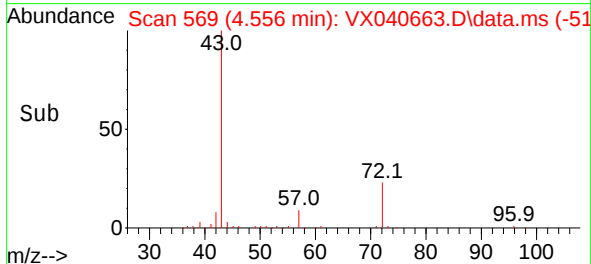
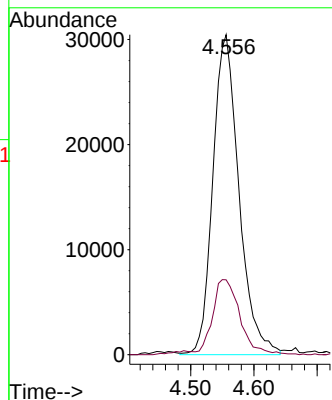
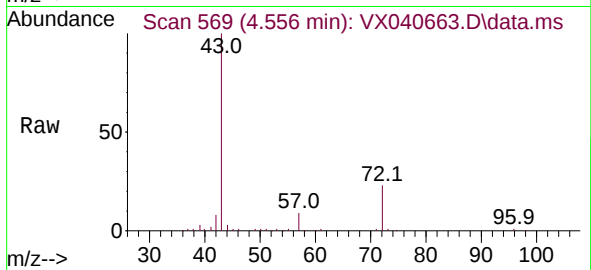




#22
2-Butanone
Concen: 92.925 ug/L
RT: 4.556 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX040663.D
Acq: 15 Mar 2024 18:41

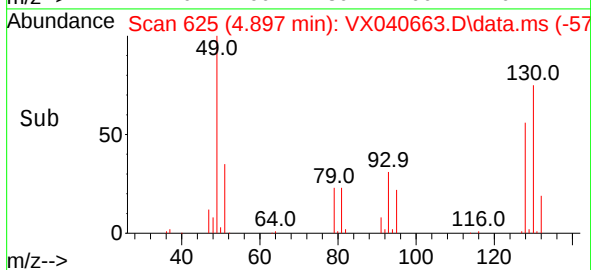
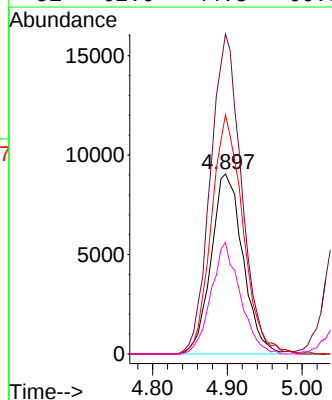
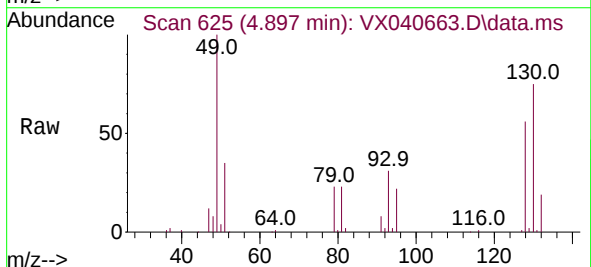
Instrument :
MSVOA_X
ClientSampleId :

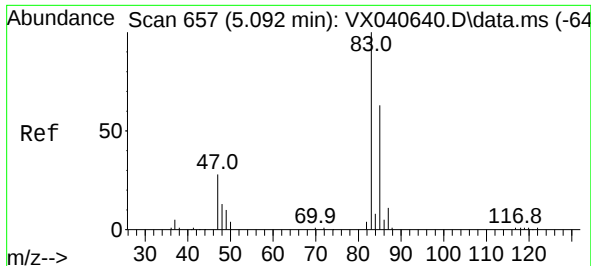
Tgt Ion: 43 Resp: 87210
Ion Ratio Lower Upper
43 100
72 23.0 12.4 37.2



#23
Bromochloromethane
Concen: 50.570 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.006 min
Lab File: VX040663.D
Acq: 15 Mar 2024 18:41

Tgt Ion:128 Resp: 26703
Ion Ratio Lower Upper
128 100
49 177.8 118.1 219.3
130 133.0 89.4 166.0
51 62.0 44.3 66.5





#25

Chloroform

Concen: 52.181 ug/L

RT: 5.093 min Scan# 60

Delta R.T. 0.001 min

Lab File: VX040663.D

Acq: 15 Mar 2024 18:41

Instrument :

MSVOA_X

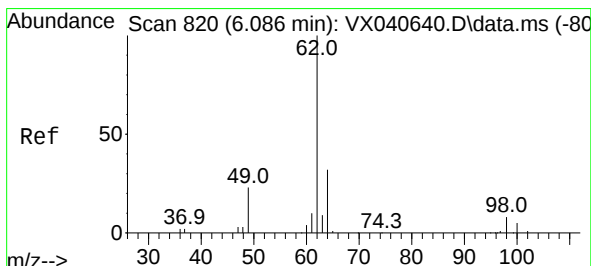
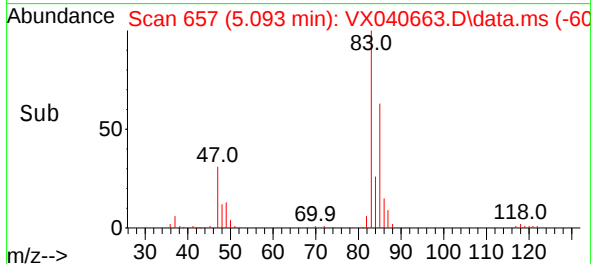
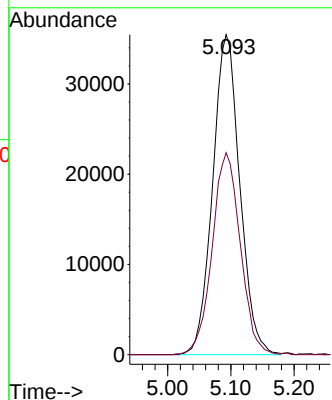
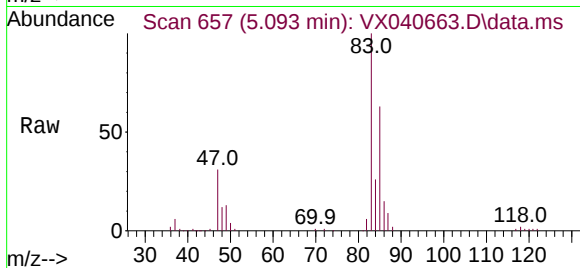
ClientSampleId :

Tgt Ion: 83 Resp: 105638

Ion Ratio Lower Upper

83 100

85 63.1 45.4 84.4



#27

1,2-Dichloroethane

Concen: 54.756 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX040663.D

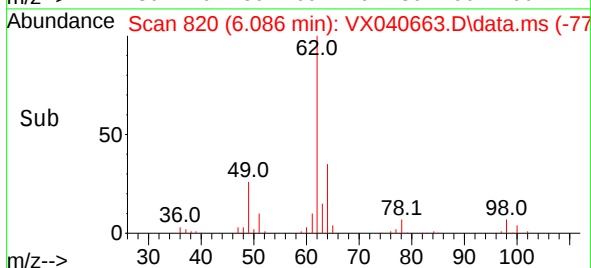
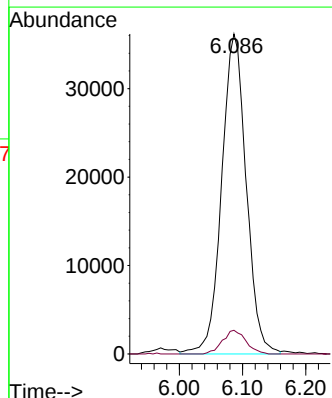
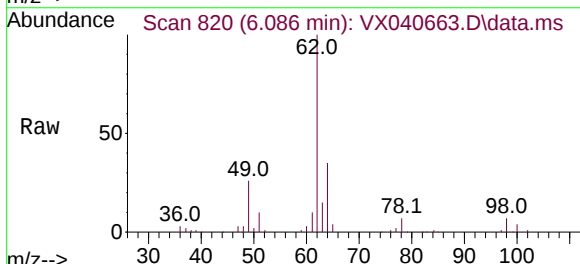
Acq: 15 Mar 2024 18:41

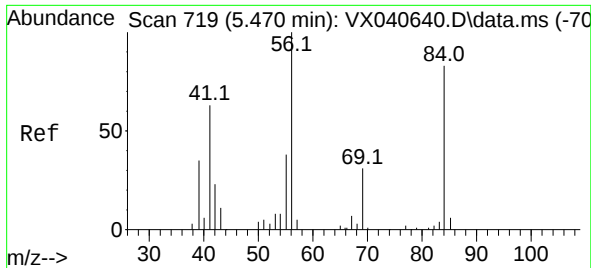
Tgt Ion: 62 Resp: 97416

Ion Ratio Lower Upper

62 100

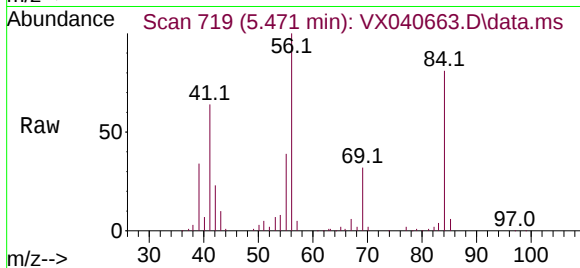
98 7.4 5.8 8.6



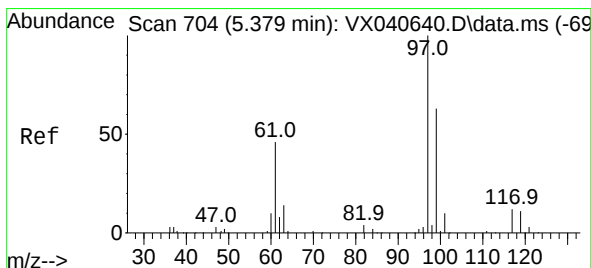
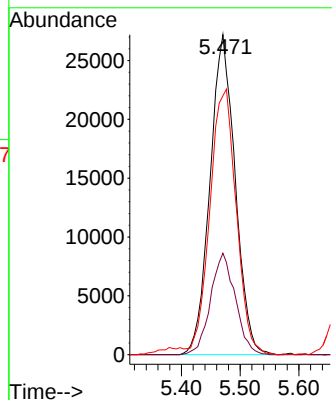
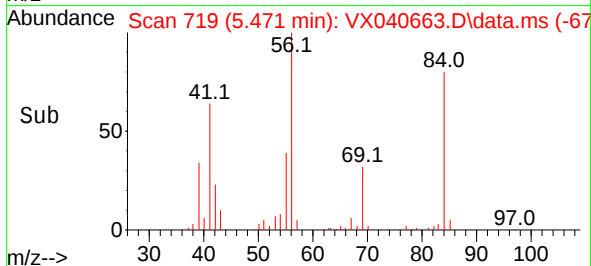


#29
Cyclohexane
Concen: 58.778 ug/L
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX040663.D
Acq: 15 Mar 2024 18:41

Instrument :
MSVOA_X
ClientSampleId :

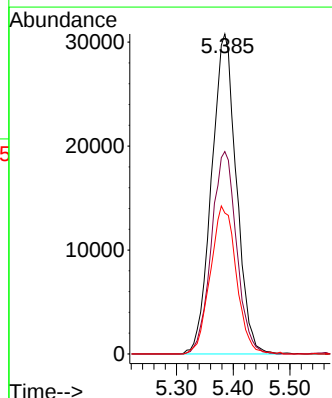
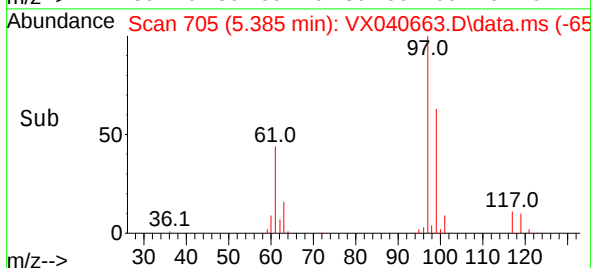
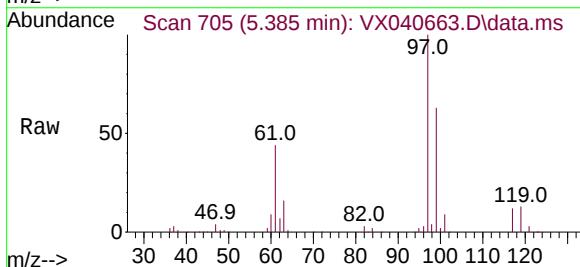


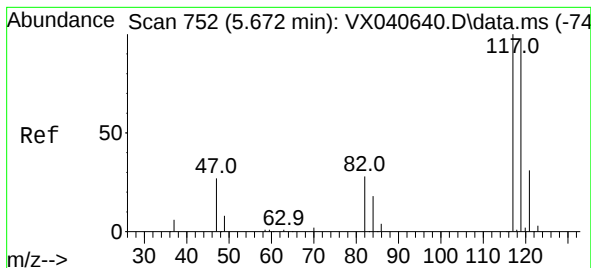
Tgt Ion: 56 Resp: 81002
Ion Ratio Lower Upper
56 100
69 31.2 25.0 37.4
84 86.7 70.6 105.8



#30
1,1,1-Trichloroethane
Concen: 59.884 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040663.D
Acq: 15 Mar 2024 18:41

Tgt Ion: 97 Resp: 93540
Ion Ratio Lower Upper
97 100
99 64.1 52.1 78.1
61 48.2 38.3 57.5





#31

Carbon tetrachloride

Concen: 60.099 ug/L

RT: 5.678 min Scan# 752

Delta R.T. 0.006 min

Lab File: VX040663.D

Acq: 15 Mar 2024 18:41

Instrument :

MSVOA_X

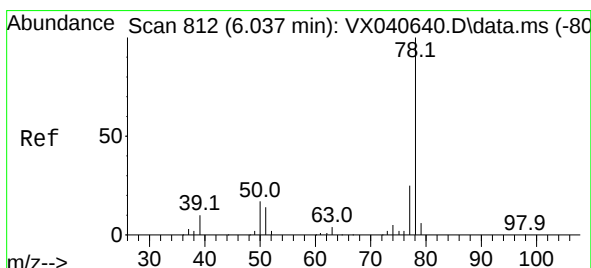
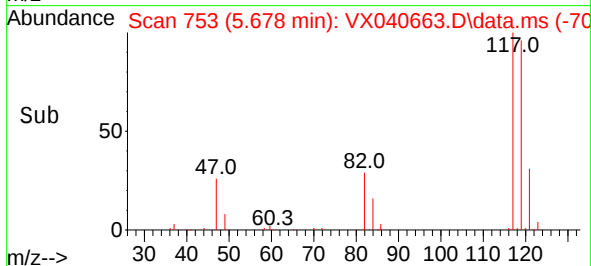
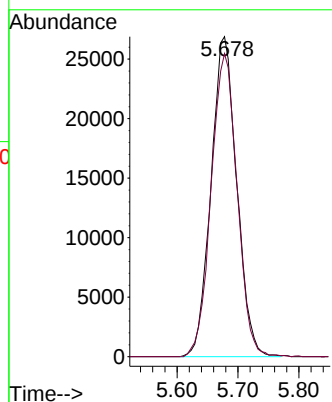
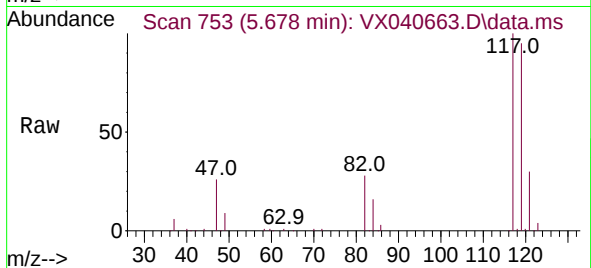
ClientSampleId :

Tgt Ion:117 Resp: 78786

Ion Ratio Lower Upper

117 100

119 95.5 75.4 113.2



#33

Benzene

Concen: 59.030 ug/L

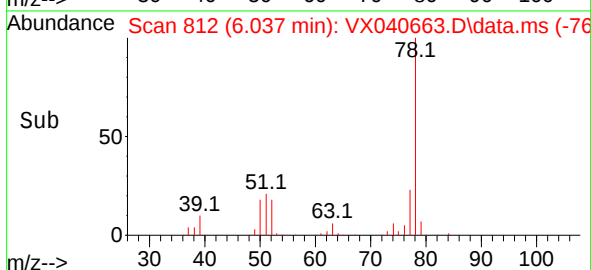
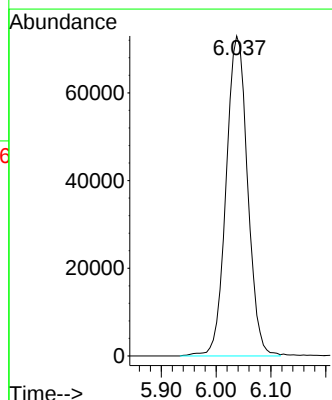
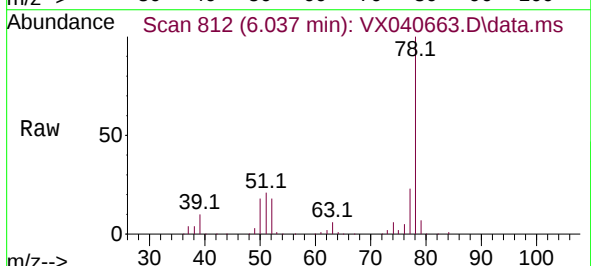
RT: 6.037 min Scan# 812

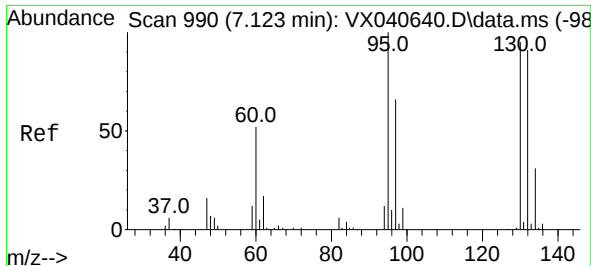
Delta R.T. 0.000 min

Lab File: VX040663.D

Acq: 15 Mar 2024 18:41

Tgt Ion: 78 Resp: 198874

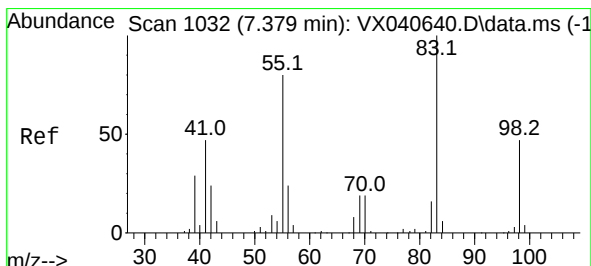
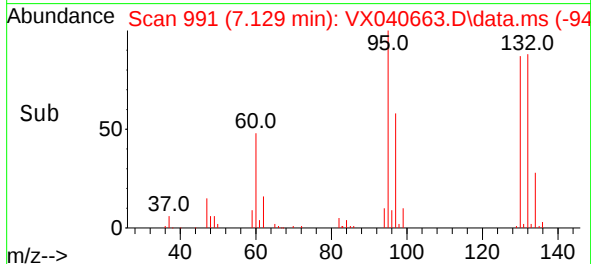
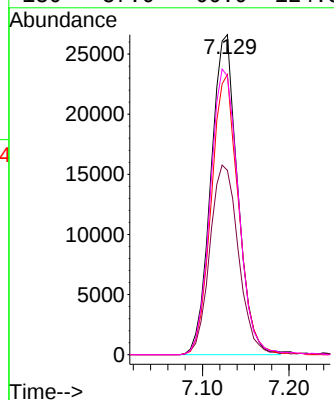
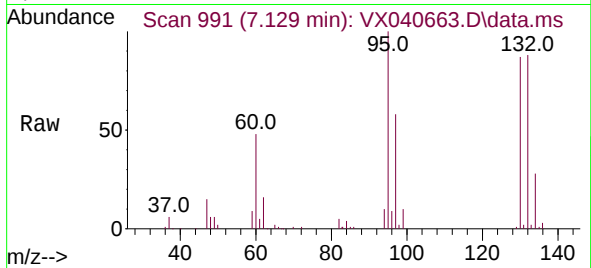




#34
Trichloroethene
Concen: 57.416 ug/L
RT: 7.129 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX040663.D
Acq: 15 Mar 2024 18:41

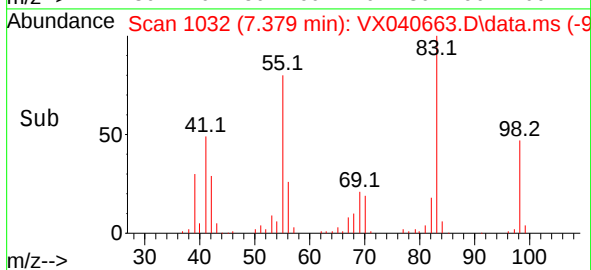
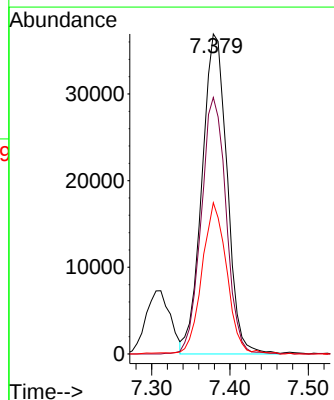
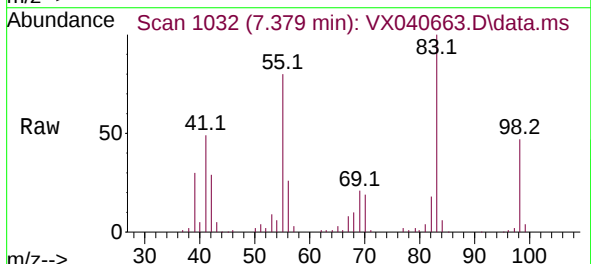
Instrument :
MSVOA_X
ClientSampleId :

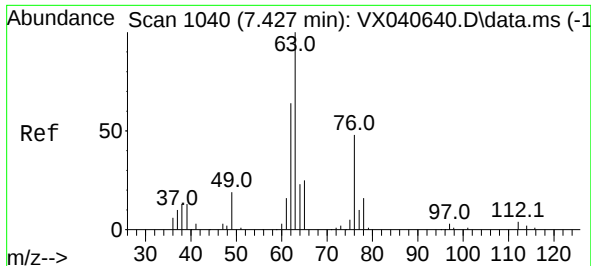
Tgt Ion: 95 Resp: 57105
Ion Ratio Lower Upper
95 100
97 57.6 44.7 83.1
132 87.6 61.5 114.3
130 87.0 66.9 124.3



#35
Methylcyclohexane
Concen: 56.717 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040663.D
Acq: 15 Mar 2024 18:41

Tgt Ion: 83 Resp: 82436
Ion Ratio Lower Upper
83 100
55 79.0 62.6 94.0
98 46.0 37.4 56.2

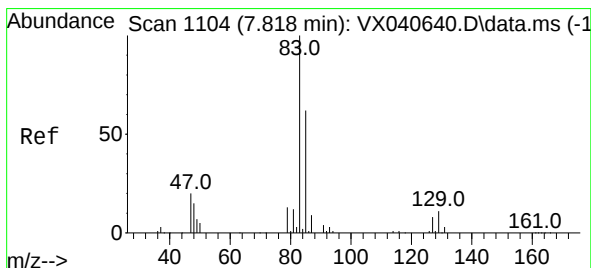
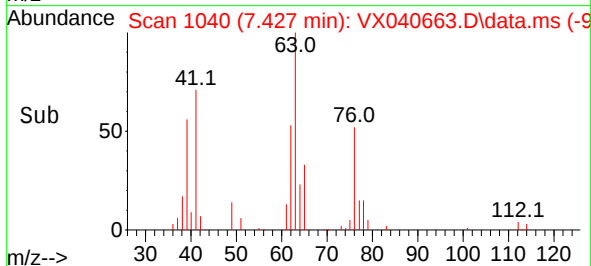
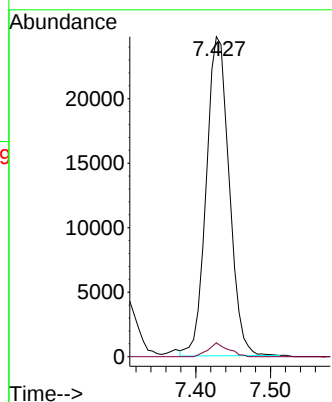
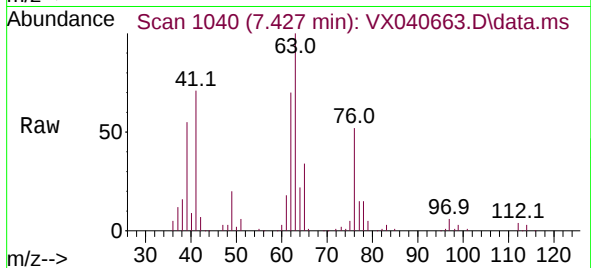




#37
1,2-Dichloropropane
Concen: 59.201 ug/L
RT: 7.427 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX040663.D
Acq: 15 Mar 2024 18:41

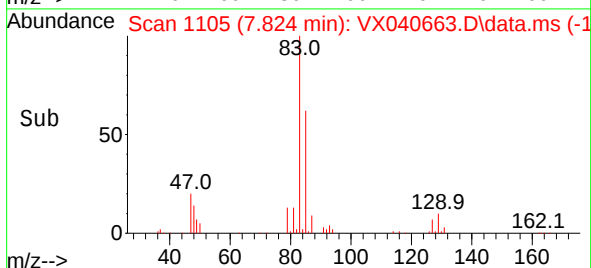
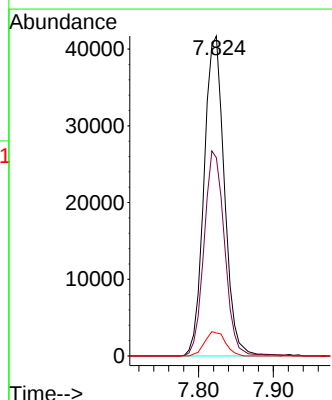
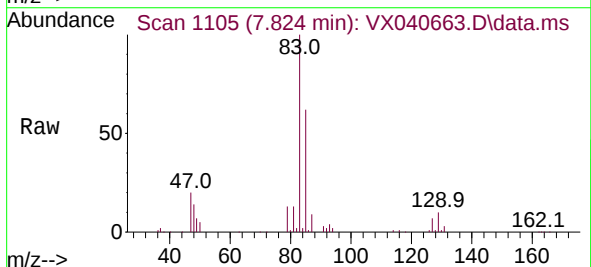
Instrument :
MSVOA_X
ClientSampleId :

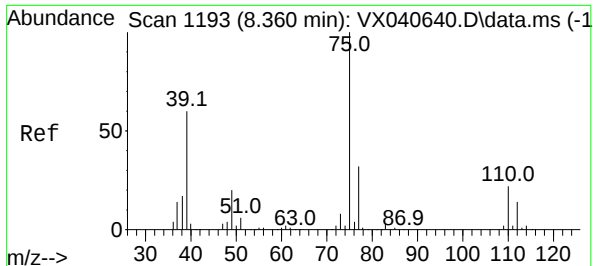
Tgt Ion: 63 Resp: 52804
Ion Ratio Lower Upper
63 100
112 3.8 3.1 4.7



#38
Bromodichloromethane
Concen: 59.646 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX040663.D
Acq: 15 Mar 2024 18:41

Tgt Ion: 83 Resp: 78685
Ion Ratio Lower Upper
83 100
85 62.0 42.8 79.4
127 7.2 6.5 9.7

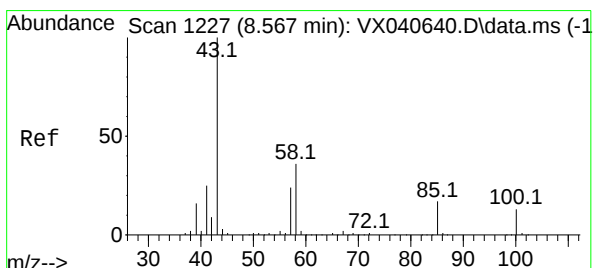
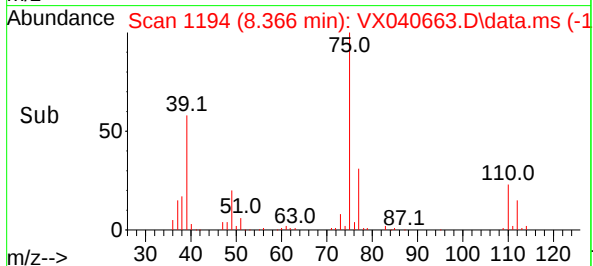
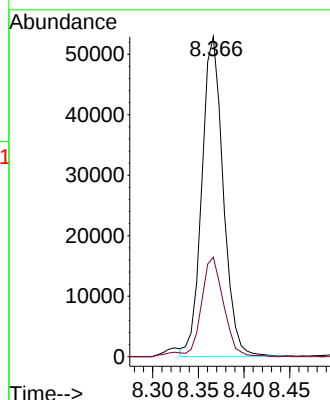
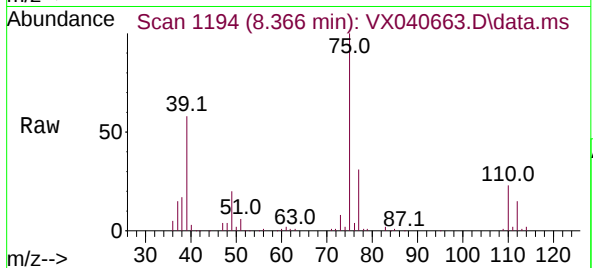




#39
 cis-1,3-Dichloropropene
 Concen: 57.147 ug/L
 RT: 8.366 min Scan# 1193
 Delta R.T. 0.006 min
 Lab File: VX040663.D
 Acq: 15 Mar 2024 18:41

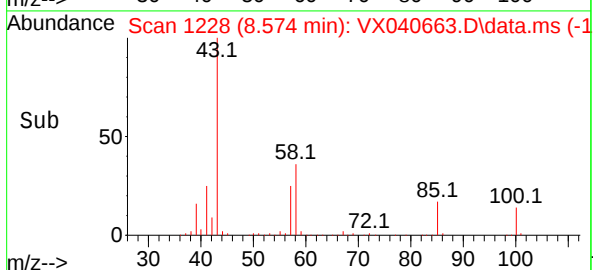
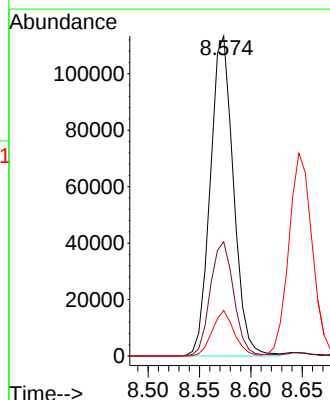
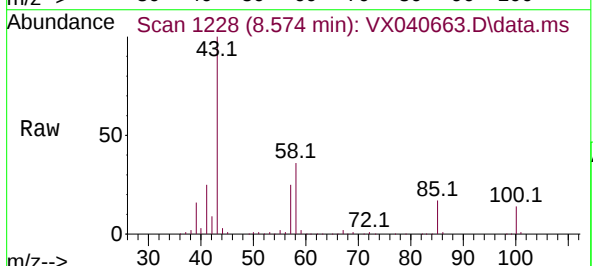
Instrument :
 MSVOA_X
 ClientSampleId :

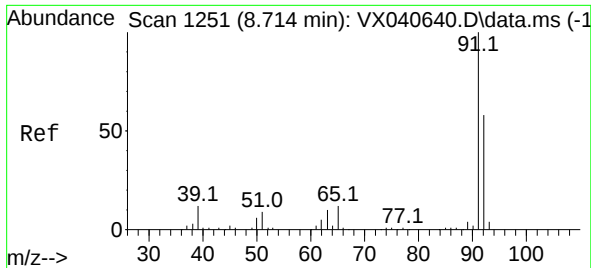
Tgt Ion: 75 Resp: 85815
 Ion Ratio Lower Upper
 75 100
 77 31.1 21.1 39.3



#40
 4-Methyl-2-pentanone
 Concen: 116.144 ug/L
 RT: 8.574 min Scan# 1228
 Delta R.T. 0.007 min
 Lab File: VX040663.D
 Acq: 15 Mar 2024 18:41

Tgt Ion: 43 Resp: 177592
 Ion Ratio Lower Upper
 43 100
 58 36.4 29.3 43.9
 100 13.5 10.7 16.1





#42

Toluene

Concen: 59.771 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX040663.D

Acq: 15 Mar 2024 18:41

Instrument :

MSVOA_X

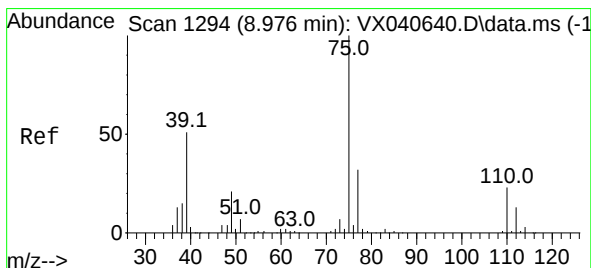
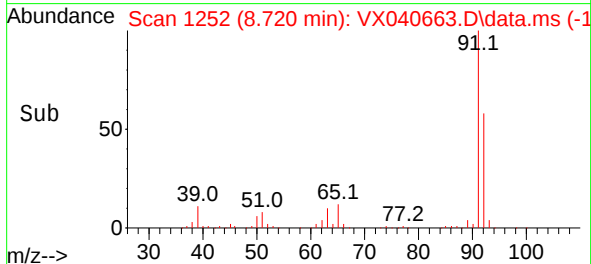
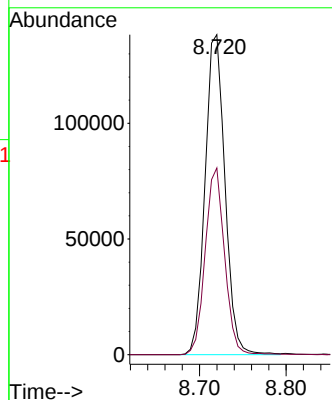
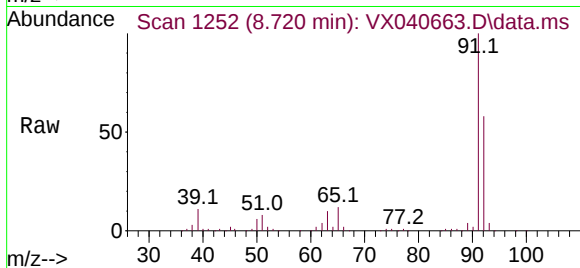
ClientSampleId :

Tgt Ion: 91 Resp: 220917

Ion Ratio Lower Upper

91 100

92 58.3 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 57.834 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX040663.D

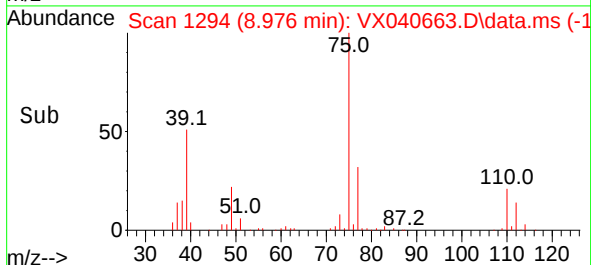
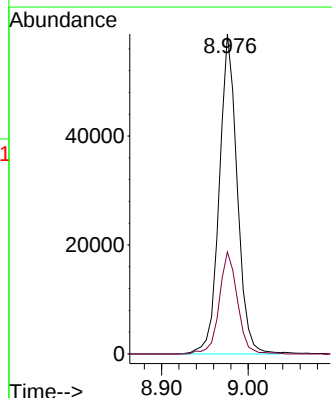
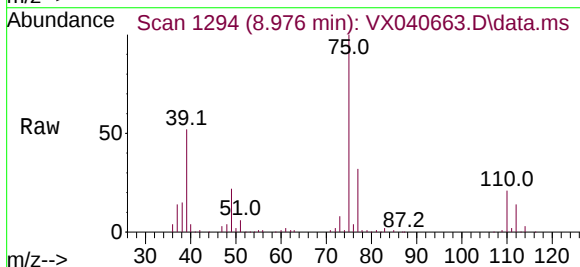
Acq: 15 Mar 2024 18:41

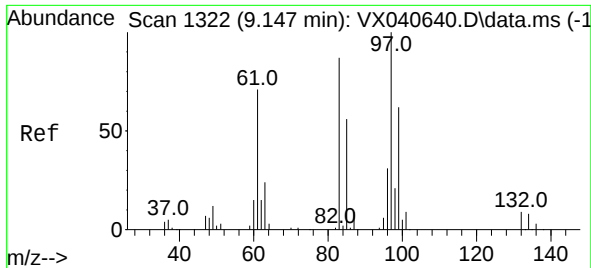
Tgt Ion: 75 Resp: 84591

Ion Ratio Lower Upper

75 100

77 31.9 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 58.051 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VX040663.D

Acq: 15 Mar 2024 18:41

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 53449

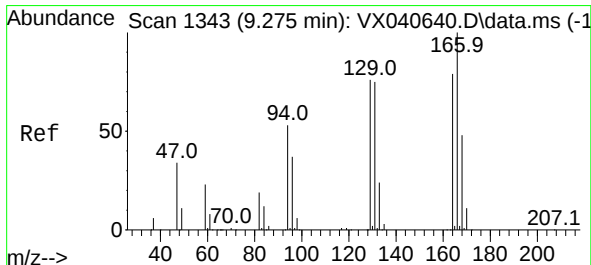
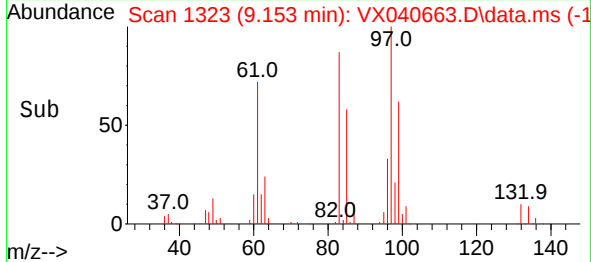
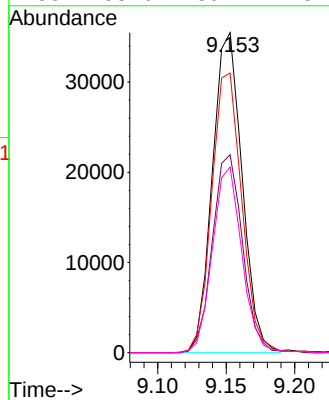
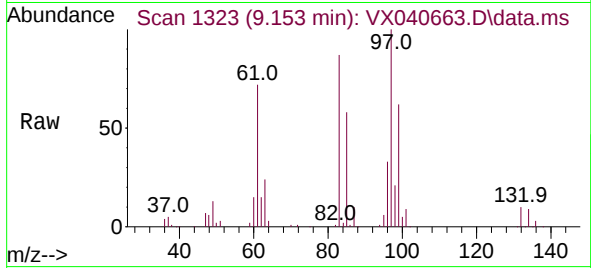
Ion Ratio Lower Upper

97 100

99 61.8 42.6 79.0

83 87.4 59.2 110.0

85 58.0 39.7 73.7



#46

Tetrachloroethene

Concen: 56.765 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX040663.D

Acq: 15 Mar 2024 18:41

Tgt Ion: 164 Resp: 40536

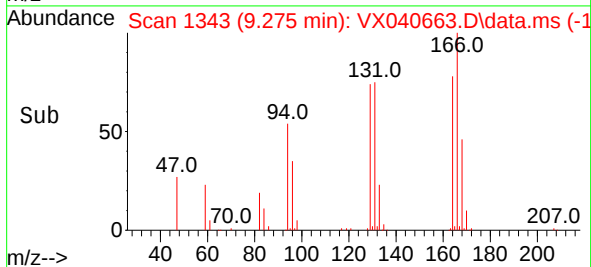
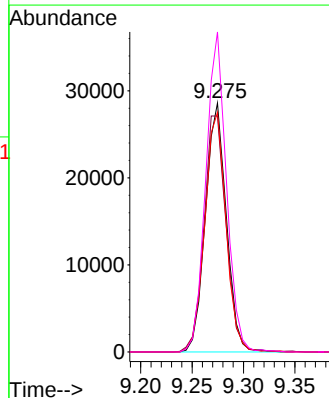
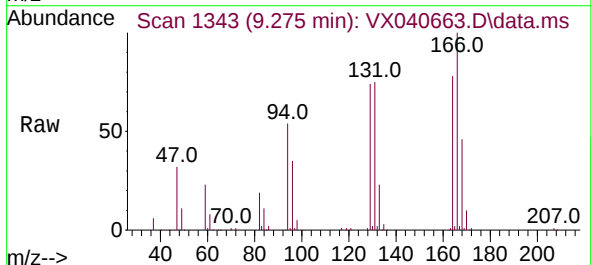
Ion Ratio Lower Upper

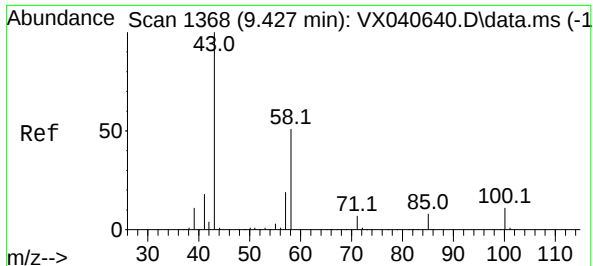
164 100

129 94.7 67.8 126.0

131 96.3 67.8 126.0

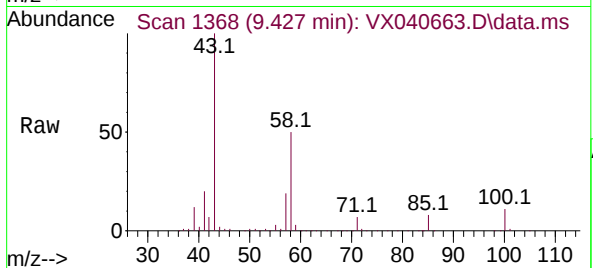
166 128.6 88.2 163.8



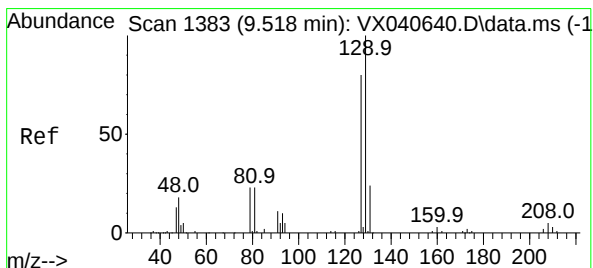
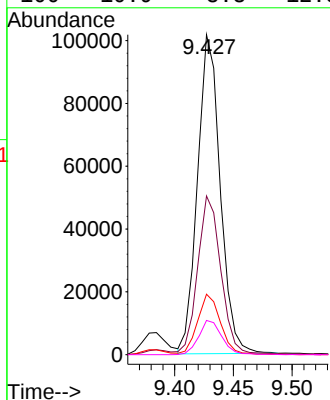
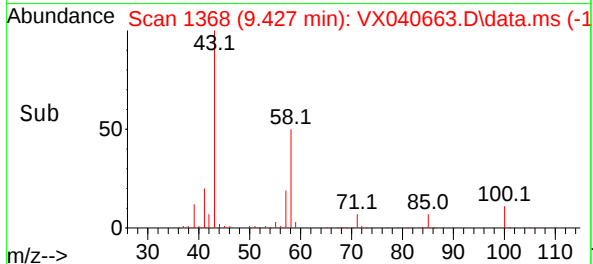


#48
2-Hexanone
Concen: 108.035 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040663.D
Acq: 15 Mar 2024 18:41

Instrument :
MSVOA_X
ClientSampleId :

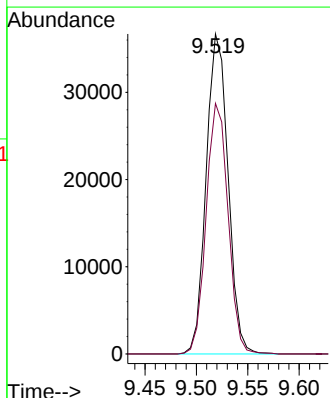
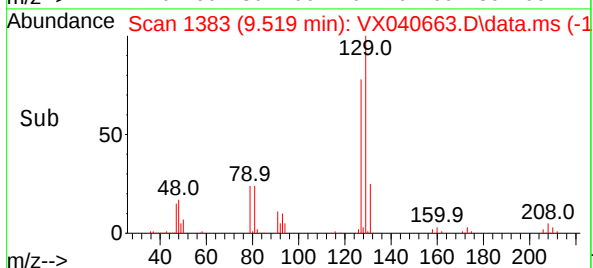
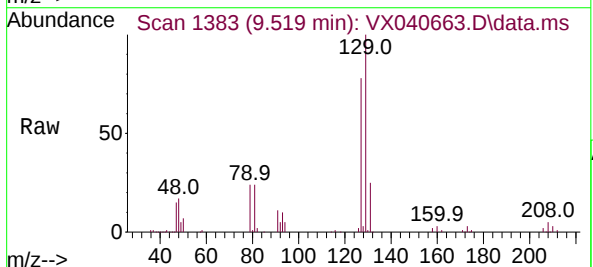


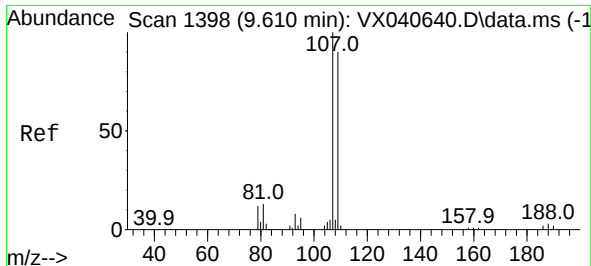
Tgt Ion: 43 Resp: 136884
Ion Ratio Lower Upper
43 100
58 51.2 41.0 61.6
57 18.8 14.8 22.2
100 10.9 8.3 12.5



#49
Dibromochloromethane
Concen: 56.353 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.001 min
Lab File: VX040663.D
Acq: 15 Mar 2024 18:41

Tgt Ion: 129 Resp: 54214
Ion Ratio Lower Upper
129 100
127 78.3 55.8 103.6





#50

1,2-Dibromoethane

Concen: 55.358 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX040663.D

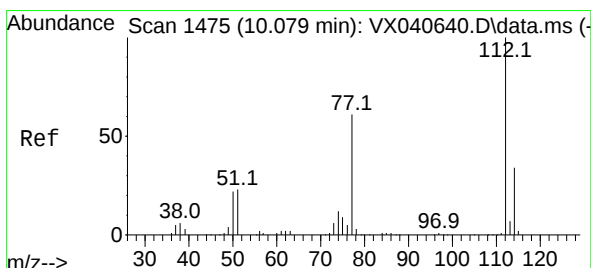
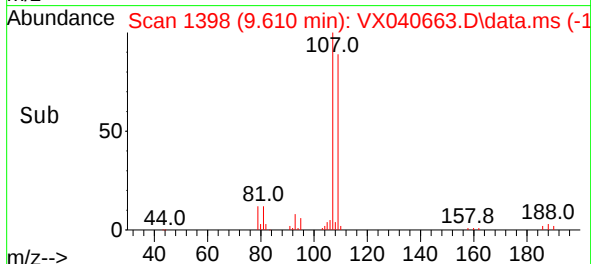
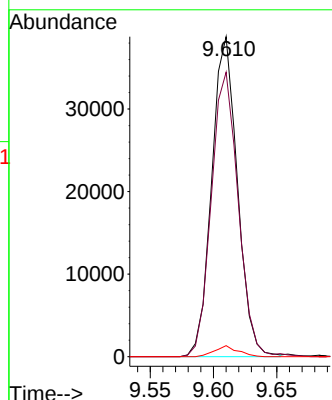
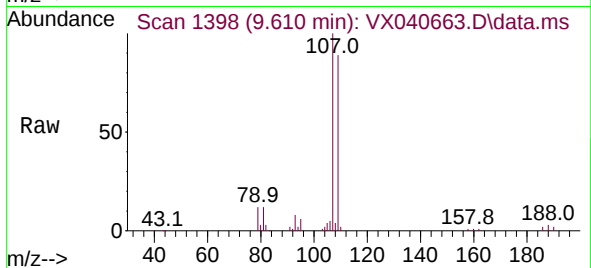
Acq: 15 Mar 2024 18:41

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:107	Resp:	54813
Ion Ratio	Lower	Upper
107	100	
109	88.9	62.9 116.7
188	3.5	2.5 3.7



#51

Chlorobenzene

Concen: 52.314 ug/L

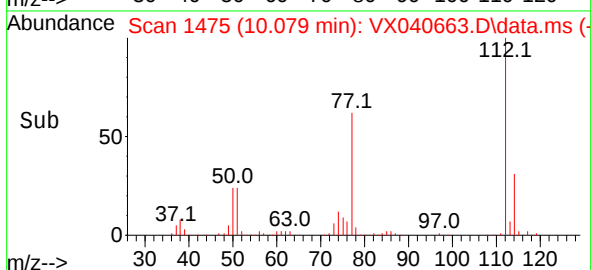
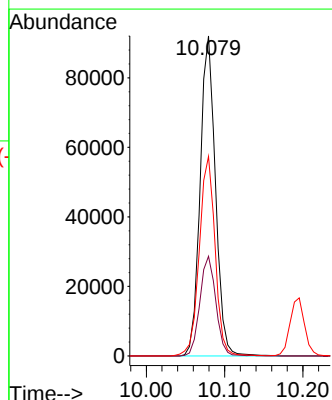
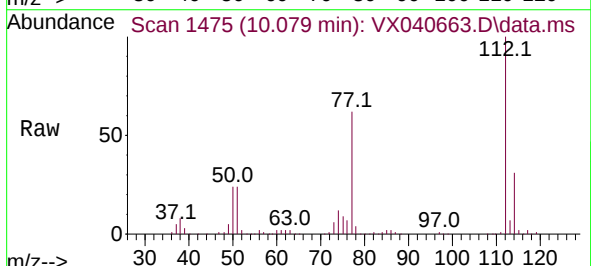
RT: 10.079 min Scan# 1475

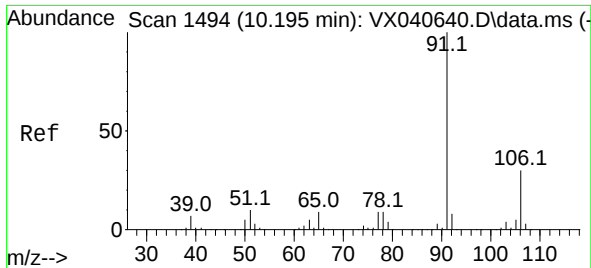
Delta R.T. 0.000 min

Lab File: VX040663.D

Acq: 15 Mar 2024 18:41

Tgt Ion:112	Resp:	125271
Ion Ratio	Lower	Upper
112	100	
114	31.1	22.4 41.6
77	62.4	50.6 75.8





#52

Ethylbenzene

Concen: 53.831 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX040663.D

Acq: 15 Mar 2024 18:41

Instrument :

MSVOA_X

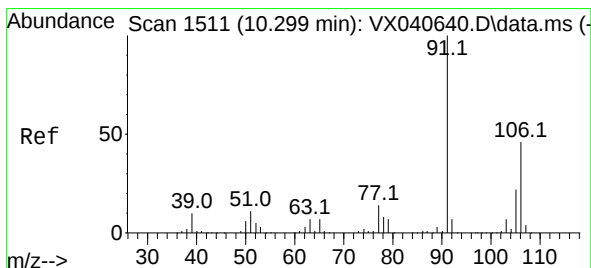
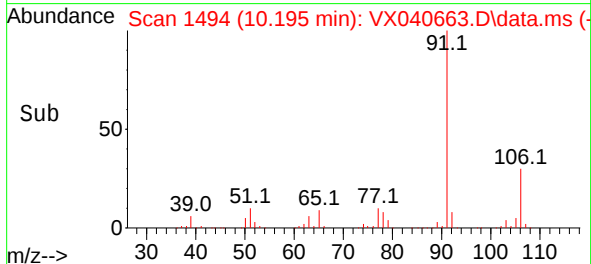
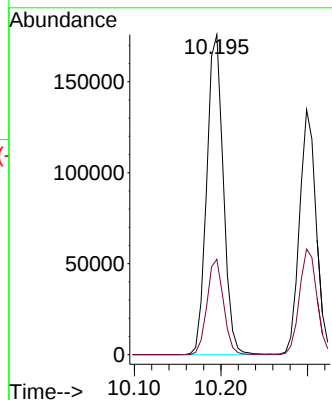
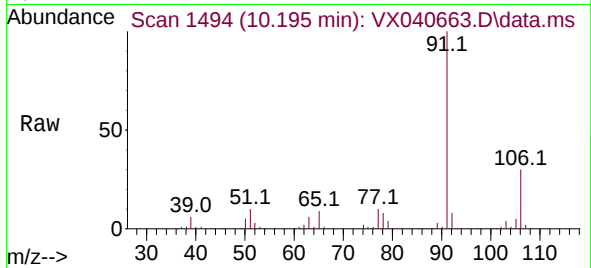
ClientSampleId :

Tgt Ion: 91 Resp: 233811

Ion Ratio Lower Upper

91 100

106 29.8 20.6 38.4



#53

m,p-Xylene

Concen: 51.786 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX040663.D

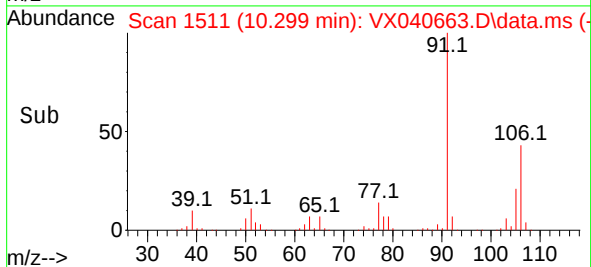
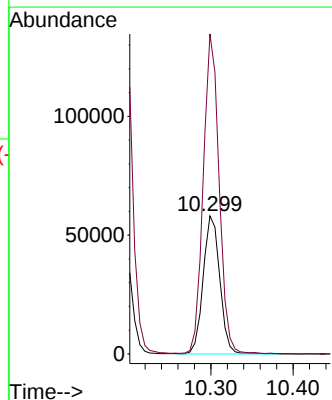
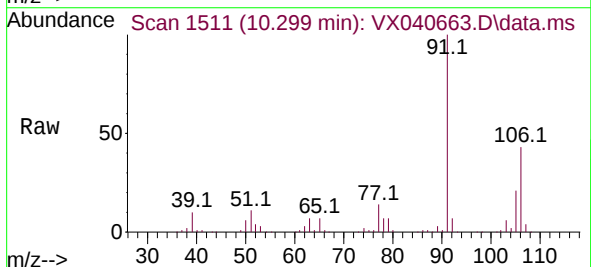
Acq: 15 Mar 2024 18:41

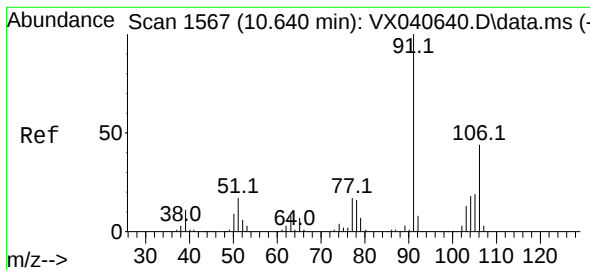
Tgt Ion:106 Resp: 81770

Ion Ratio Lower Upper

106 100

91 231.7 160.4 298.0





#54

o-Xylene

Concen: 60.419 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX040663.D

Acq: 15 Mar 2024 18:41

Instrument :

MSVOA_X

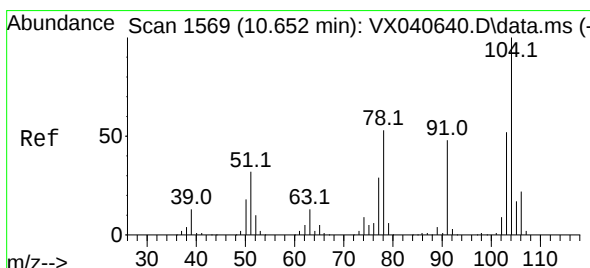
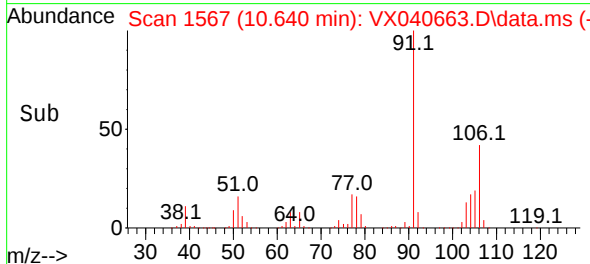
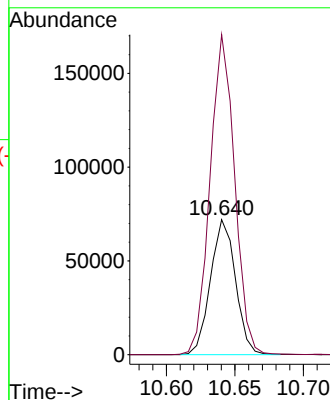
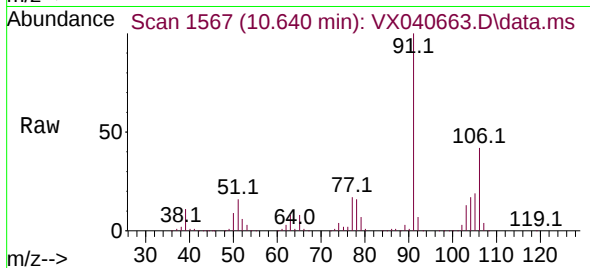
ClientSampleId :

Tgt Ion:106 Resp: 91578

Ion Ratio Lower Upper

106 100

91 237.0 161.7 300.3



#55

Styrene

Concen: 61.196 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.001 min

Lab File: VX040663.D

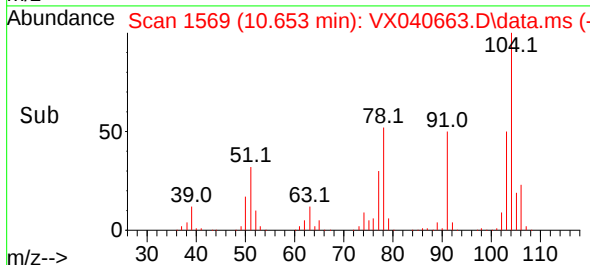
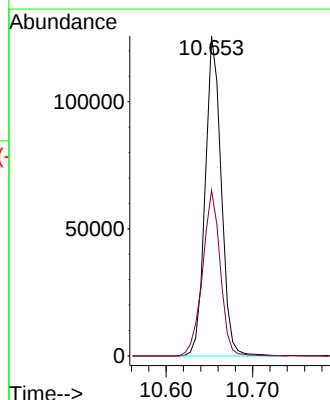
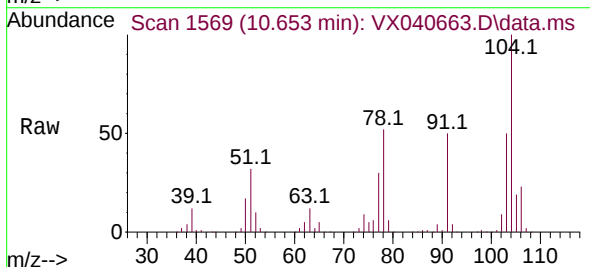
Acq: 15 Mar 2024 18:41

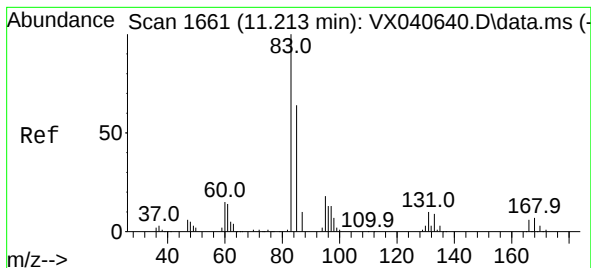
Tgt Ion:104 Resp: 161632

Ion Ratio Lower Upper

104 100

78 51.8 37.2 69.0





#57

1,1,2,2-Tetrachloroethane

Concen: 58.926 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040663.D

Acq: 15 Mar 2024 18:41

Instrument :

MSVOA_X

ClientSampleId :

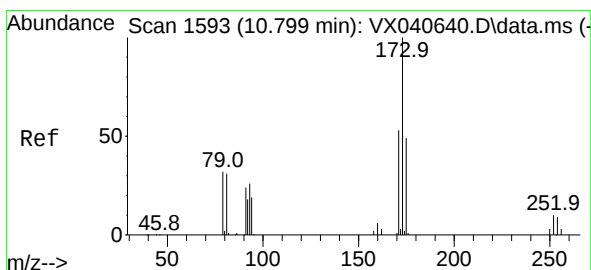
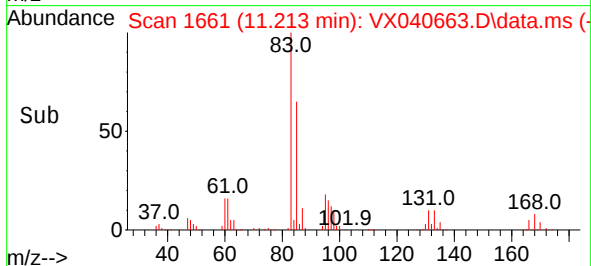
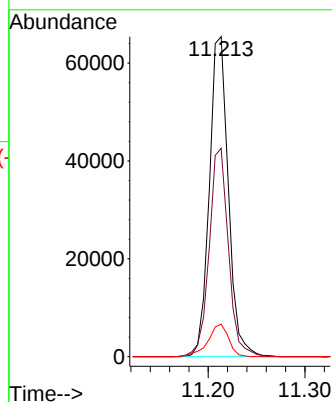
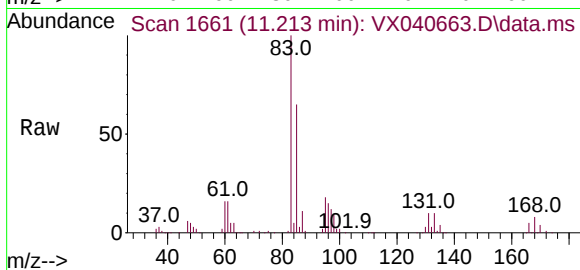
Tgt Ion: 83 Resp: 89425

Ion Ratio Lower Upper

83 100

85 65.1 45.2 84.0

131 10.1 8.2 12.2



#59

Bromoform

Concen: 51.137 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040663.D

Acq: 15 Mar 2024 18:41

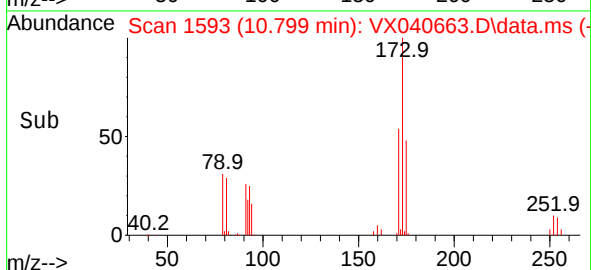
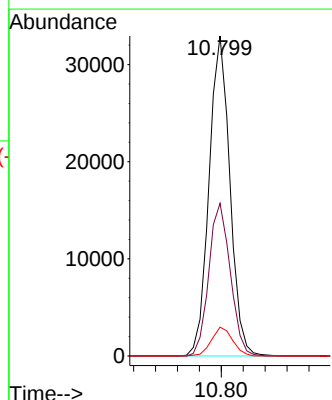
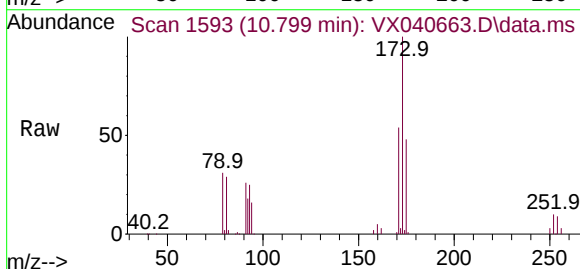
Tgt Ion:173 Resp: 43480

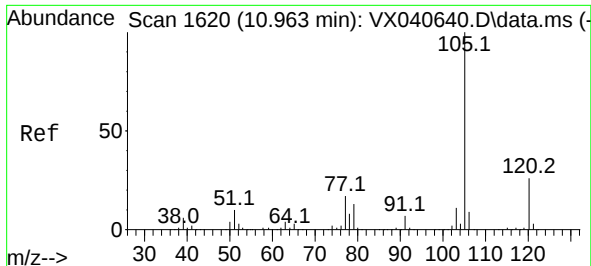
Ion Ratio Lower Upper

173 100

175 49.1 39.4 59.0

254 9.2 7.9 11.9

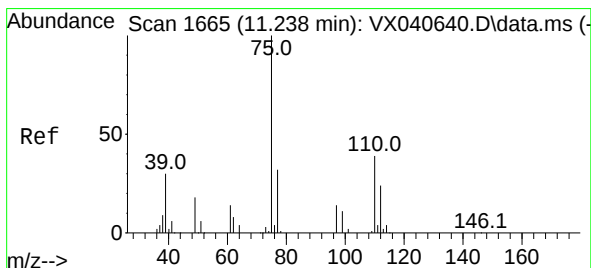
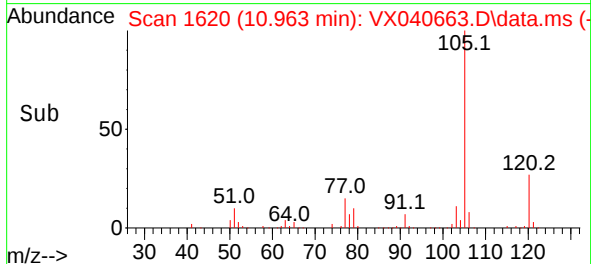
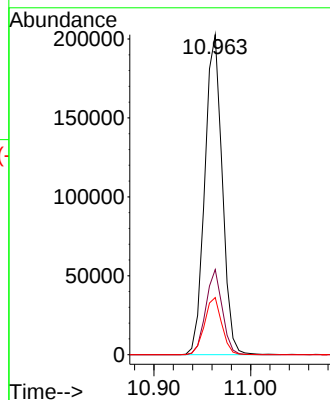
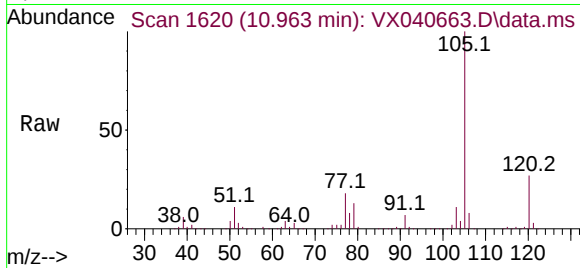




#60
Isopropylbenzene
Concen: 51.759 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX040663.D
Acq: 15 Mar 2024 18:41

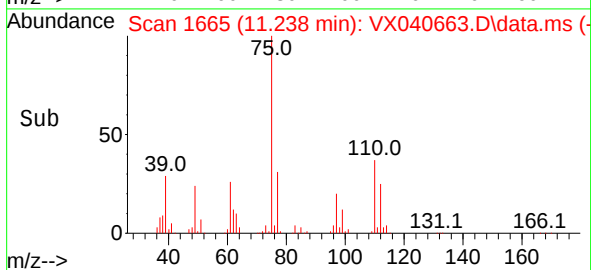
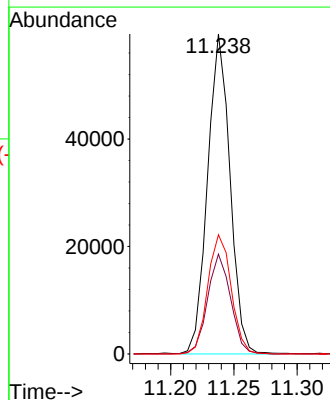
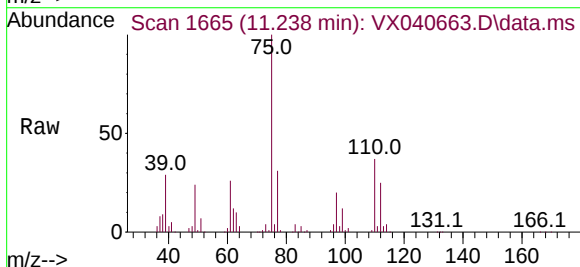
Instrument :
MSVOA_X
ClientSampleId :

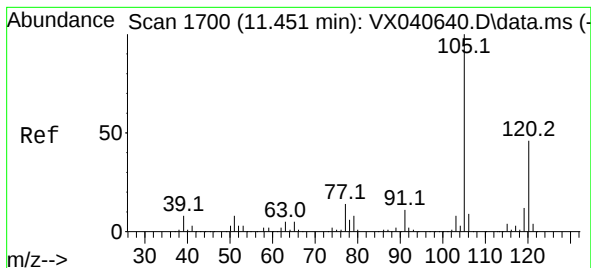
Tgt Ion:105 Resp: 254741
Ion Ratio Lower Upper
105 100
120 25.3 20.1 30.1
77 17.7 13.9 20.9



#61
1,2,3-Trichloropropane
Concen: 50.381 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040663.D
Acq: 15 Mar 2024 18:41

Tgt Ion: 75 Resp: 73598
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5
110 38.9 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 52.515 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040663.D

Acq: 15 Mar 2024 18:41

Instrument :

MSVOA_X

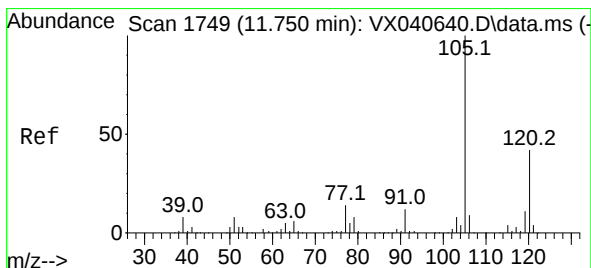
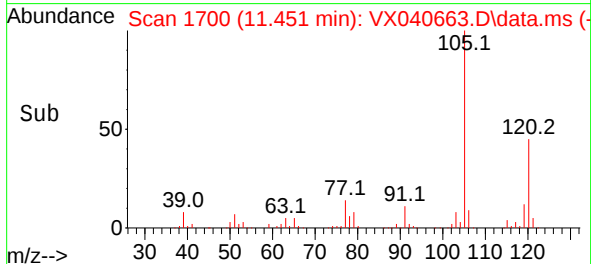
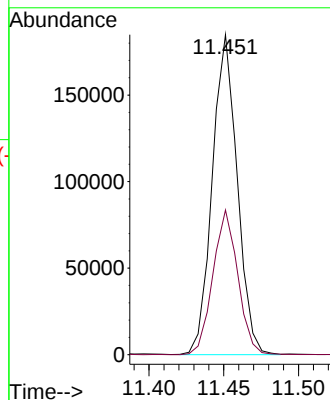
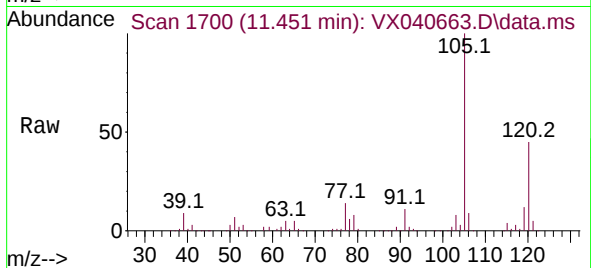
ClientSampleId :

Tgt Ion:105 Resp: 214290

Ion Ratio Lower Upper

105 100

120 45.2 36.2 54.2



#63

1,2,4-Trimethylbenzene

Concen: 52.507 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040663.D

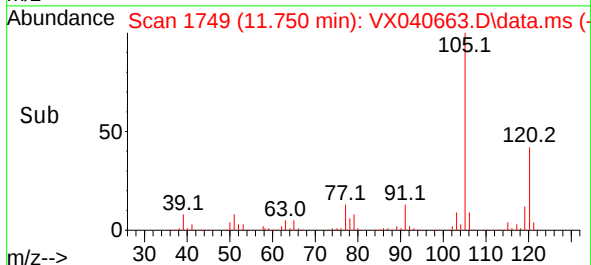
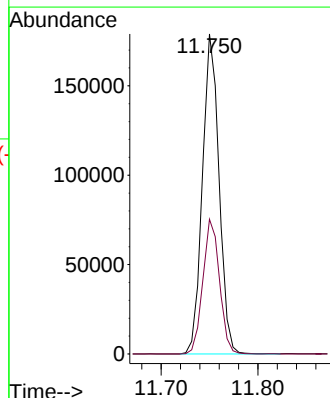
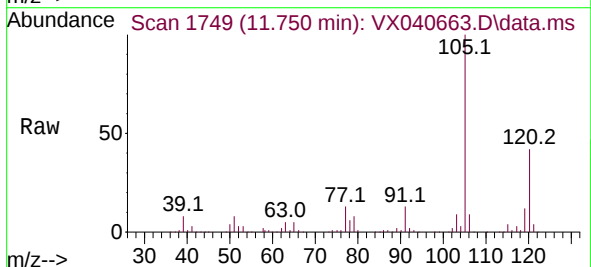
Acq: 15 Mar 2024 18:41

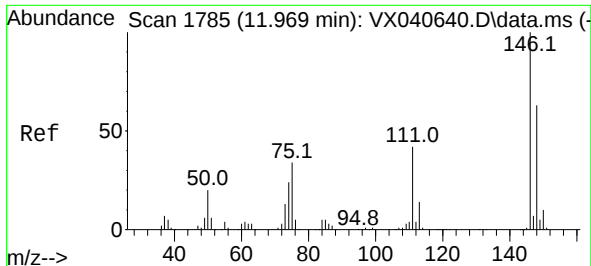
Tgt Ion:105 Resp: 214250

Ion Ratio Lower Upper

105 100

120 42.1 33.9 50.9

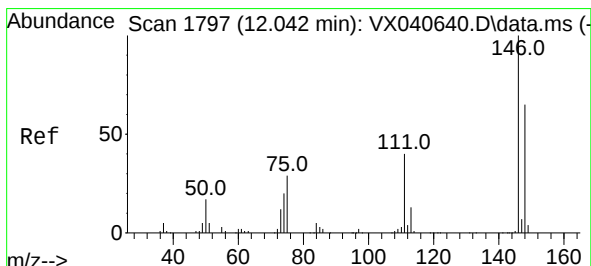
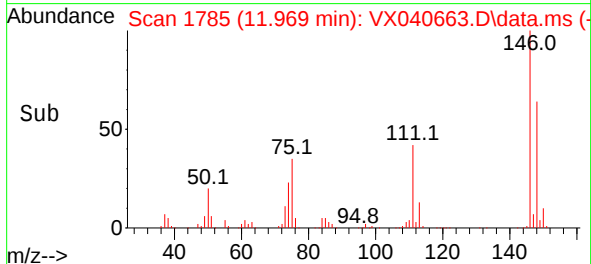
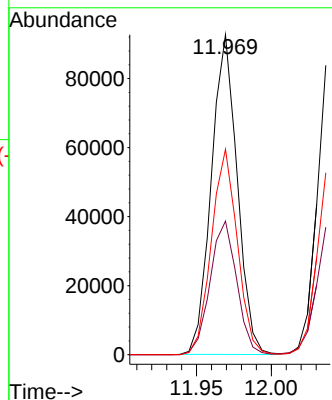
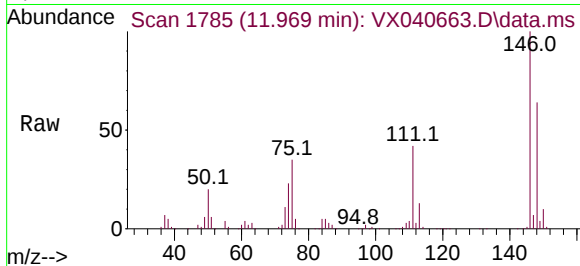




#64
1,3-Dichlorobenzene
Concen: 51.707 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX040663.D
Acq: 15 Mar 2024 18:41

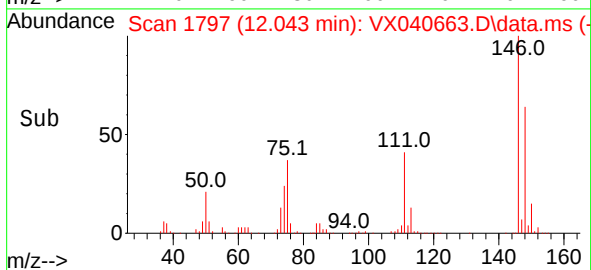
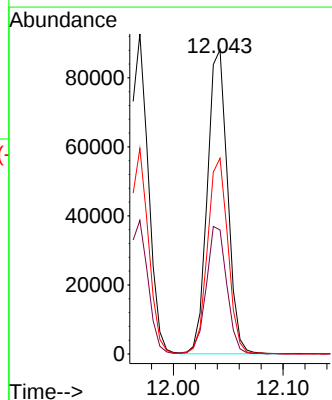
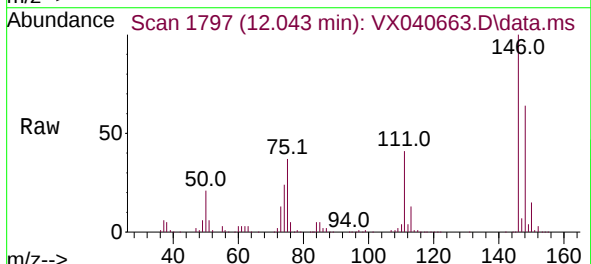
Instrument :
MSVOA_X
ClientSampleId :

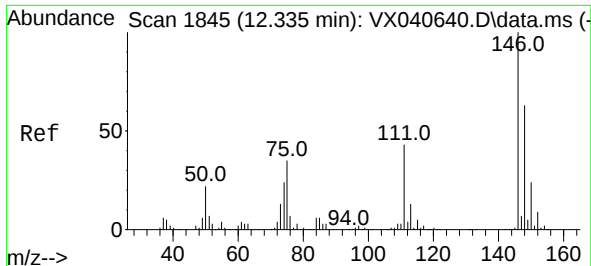
Tgt Ion:146 Resp: 111414
Ion Ratio Lower Upper
146 100
111 41.8 30.0 55.6
148 64.2 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 51.422 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX040663.D
Acq: 15 Mar 2024 18:41

Tgt Ion:146 Resp: 112678
Ion Ratio Lower Upper
146 100
111 40.8 28.8 53.4
148 64.3 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 52.858 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX040663.D

Acq: 15 Mar 2024 18:41

Instrument :

MSVOA_X

ClientSampleId :

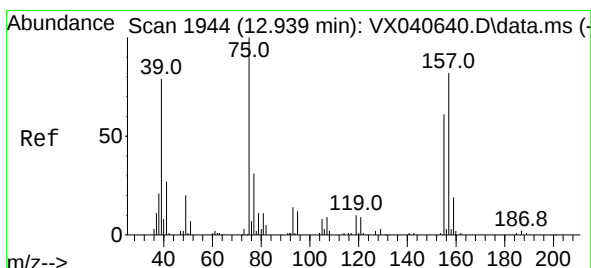
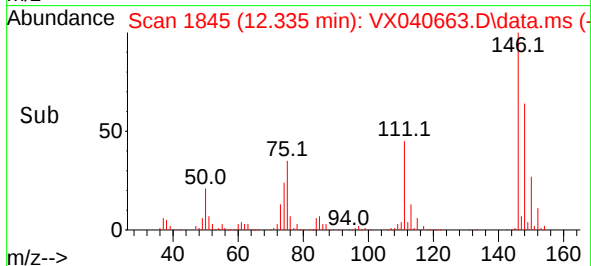
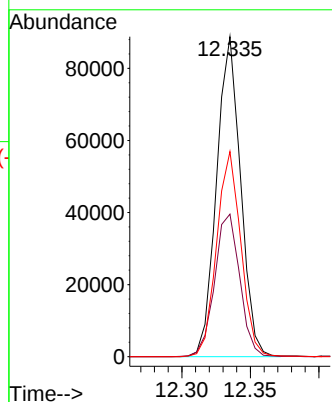
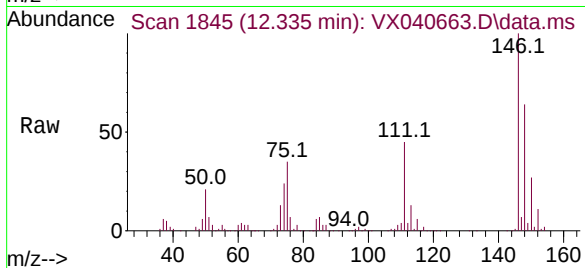
Tgt Ion:146 Resp: 108302

Ion Ratio Lower Upper

146 100

111 44.5 35.8 53.8

148 64.1 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 53.591 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX040663.D

Acq: 15 Mar 2024 18:41

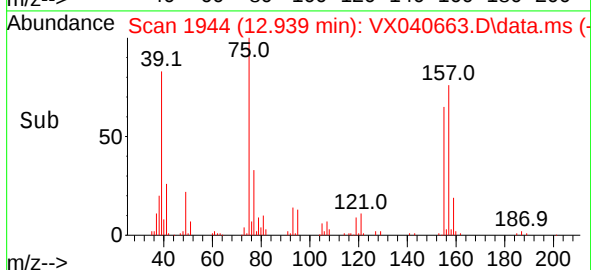
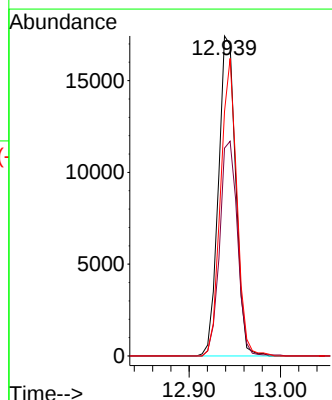
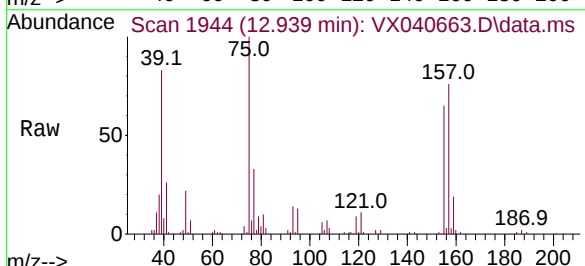
Tgt Ion: 75 Resp: 22918

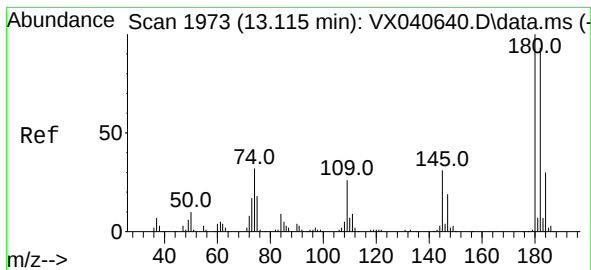
Ion Ratio Lower Upper

75 100

155 64.9 53.9 80.9

157 76.4 64.5 96.7





#69

1,3,5-Trichlorobenzene

Concen: 52.204 ug/L

RT: 13.109 min Scan# 1973

Delta R.T. -0.006 min

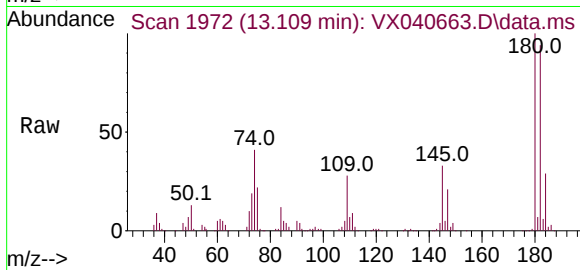
Lab File: VX040663.D

Acq: 15 Mar 2024 18:41

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 75507

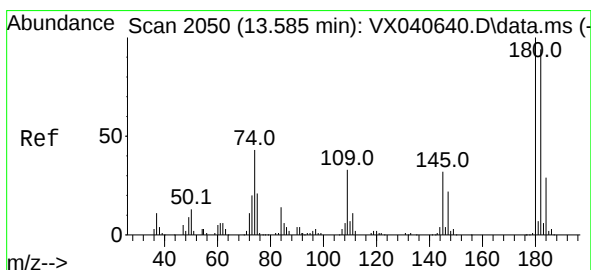
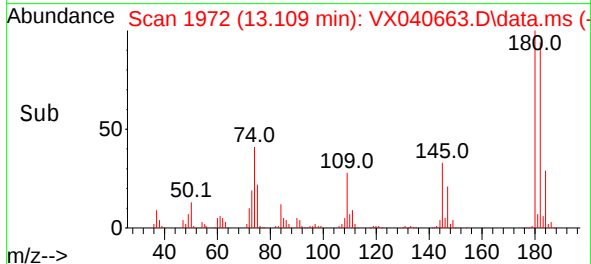
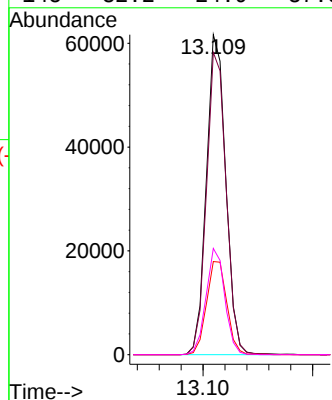
Ion Ratio Lower Upper

180 100

182 95.6 76.6 115.0

184 30.6 24.3 36.5

145 32.2 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 52.739 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040663.D

Acq: 15 Mar 2024 18:41

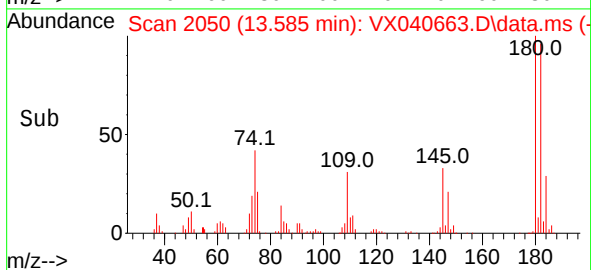
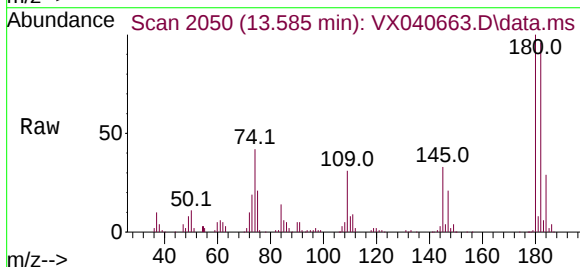
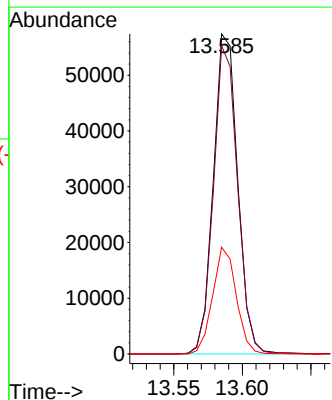
Tgt Ion:180 Resp: 70739

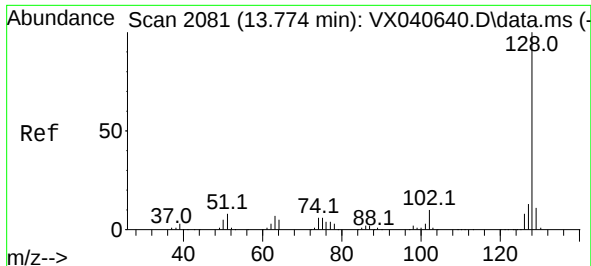
Ion Ratio Lower Upper

180 100

182 95.3 75.1 112.7

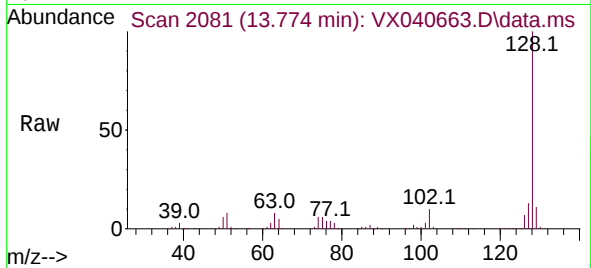
145 32.5 26.2 39.4



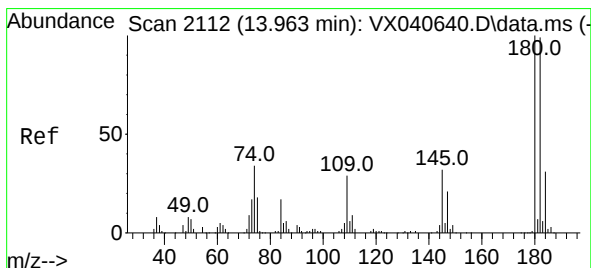
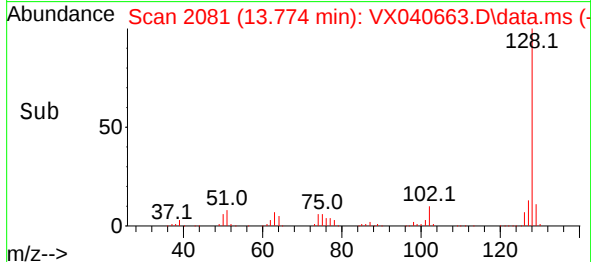
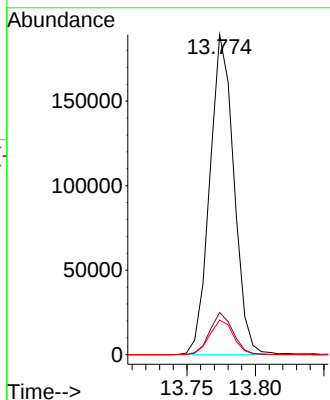


#71
Naphthalene
Concen: 54.360 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040663.D
Acq: 15 Mar 2024 18:41

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 231755
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 53.448 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX040663.D
Acq: 15 Mar 2024 18:41

Tgt Ion:180 Resp: 70620
Ion Ratio Lower Upper
180 100
182 94.7 76.9 115.3
145 34.5 27.8 41.8

