

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
 Data File : VX041184.D
 Acq On : 22 Apr 2024 11:43
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Apr 23 05:13:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:06:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	257296	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	351885	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	309890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	168095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	47687	19.470	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	38.940%#
35) Dibromofluoromethane	5.385	113	41235	19.264	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	38.520%#
50) Toluene-d8	8.647	98	129358	17.912	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	35.820%#
62) 4-Bromofluorobenzene	11.079	95	51668	19.384	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	38.760%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	38553	18.944	ug/l	98
3) Chloromethane	1.295	50	42260	19.180	ug/l	98
4) Vinyl Chloride	1.374	62	43452	19.721	ug/l	97
5) Bromomethane	1.599	94	23256	18.746	ug/l	99
6) Chloroethane	1.666	64	16440	19.640	ug/l	98
7) Trichlorofluoromethane	1.861	101	67708	19.832	ug/l	99
8) Diethyl Ether	2.136	74	24982	19.884	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.313	101	40529	20.177	ug/l	# 85
10) Methyl Iodide	2.441	142	52657	21.739	ug/l	# 88
11) Tert butyl alcohol	3.069	59	40995	93.544	ug/l	# 91
12) 1,1-Dichloroethene	2.307	96	37649	20.078	ug/l	87
13) Acrolein	2.239	56	42162	85.656	ug/l	99
14) Allyl chloride	2.654	41	65412	21.474	ug/l	# 94
15) Acrylonitrile	3.075	53	113428	101.163	ug/l	99
16) Acetone	2.398	43	92329	103.563	ug/l	93
17) Carbon Disulfide	2.502	76	76464	19.521	ug/l	99
18) Methyl Acetate	2.709	43	53444	20.265	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	136608	20.379	ug/l	100
20) Methylene Chloride	2.782	84	44836	20.592	ug/l	88
21) trans-1,2-Dichloroethene	3.081	96	41864	20.203	ug/l	89
22) Diisopropyl ether	3.770	45	134271	20.387	ug/l	# 84
23) Vinyl Acetate	3.721	43	584297	103.704	ug/l	96
24) 1,1-Dichloroethane	3.605	63	74811	20.320	ug/l	96
25) 2-Butanone	4.574	43	153175	100.605	ug/l	96
26) 2,2-Dichloropropane	4.471	77	61110	19.640	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	51573	20.080	ug/l	88
28) Bromochloromethane	4.898	49	25909	18.545	ug/l	# 69
29) Tetrahydrofuran	5.013	42	102977	99.279	ug/l	94
30) Chloroform	5.093	83	79690	20.167	ug/l	99
31) Cyclohexane	5.458	56	67226	20.394	ug/l	90
32) 1,1,1-Trichloroethane	5.373	97	71180	20.094	ug/l	96
36) 1,1-Dichloropropene	5.690	75	53525	19.543	ug/l	93
37) Ethyl Acetate	4.721	43	63044	20.981	ug/l	99
38) Carbon Tetrachloride	5.672	117	60861	19.896	ug/l	98
39) Methylcyclohexane	7.373	83	73279	20.172	ug/l	92
40) Benzene	6.031	78	172294	20.370	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	32381	20.700	ug/l	94
42) 1,2-Dichloroethane	6.086	62	59670	20.346	ug/l	93
43) Isopropyl Acetate	6.348	43	95365	19.702	ug/l	97
44) Trichloroethene	7.123	130	48660	19.787	ug/l	90
45) 1,2-Dichloropropane	7.428	63	41482	20.454	ug/l	96
46) Dibromomethane	7.580	93	30169	19.950	ug/l #	73
47) Bromodichloromethane	7.824	83	55185	19.797	ug/l	99
48) Methyl methacrylate	7.696	41	46467	20.296	ug/l	91
49) 1,4-Dioxane	7.684	88	18448	374.365	ug/l #	87
51) 4-Methyl-2-Pentanone	8.580	43	301191	99.410	ug/l	96
52) Toluene	8.714	92	102163	19.168	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	49783	18.207	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	61942	19.928	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	38327	18.429	ug/l	96
56) Ethyl methacrylate	9.122	69	59296	18.650	ug/l	98
57) 1,3-Dichloropropane	9.305	76	63254	18.374	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	146114	94.426	ug/l	90
59) 2-Hexanone	9.433	43	221445	95.312	ug/l	98
60) Dibromochloromethane	9.525	129	44417	18.501	ug/l	99
61) 1,2-Dibromoethane	9.610	107	42115	18.875	ug/l	99
64) Tetrachloroethene	9.269	164	43273	18.207	ug/l	93
65) Chlorobenzene	10.080	112	129387	20.288	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	44059	20.169	ug/l	99
67) Ethyl Benzene	10.195	91	209811	20.615	ug/l	97
68) m/p-Xylenes	10.299	106	170188	41.422	ug/l	90
69) o-Xylene	10.640	106	84102	21.046	ug/l	92
70) Styrene	10.653	104	137470	21.146	ug/l	94
71) Bromoform	10.799	173	36863	19.738	ug/l #	99
73) Isopropylbenzene	10.964	105	218652	20.906	ug/l	97
74) N-amyl acetate	10.842	43	83293	20.264	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	66812	20.256	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	70871	26.168	ug/l	92
77) Bromobenzene	11.195	156	61426	20.182	ug/l	76
78) n-propylbenzene	11.305	91	232302	20.570	ug/l	95
79) 2-Chlorotoluene	11.366	91	144724	20.251	ug/l	90
80) 1,3,5-Trimethylbenzene	11.451	105	178647	20.531	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	17618	18.353	ug/l	96
82) 4-Chlorotoluene	11.451	91	161086	19.891	ug/l	91
83) tert-Butylbenzene	11.713	119	192183	20.625	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	181745	21.045	ug/l	94
85) sec-Butylbenzene	11.890	105	223808	20.800	ug/l	94
86) p-Isopropyltoluene	12.006	119	196022	20.673	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	109221	19.977	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	108988	19.429	ug/l	95
89) n-Butylbenzene	12.329	91	147017	20.420	ug/l	97
90) Hexachloroethane	12.536	117	29902	19.117	ug/l #	58
91) 1,2-Dichlorobenzene	12.335	146	109806	20.052	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13439	19.418	ug/l #	55
93) 1,2,4-Trichlorobenzene	13.585	180	67910	17.886	ug/l	95
94) Hexachlorobutadiene	13.725	225	34883	17.983	ug/l	99
95) Naphthalene	13.774	128	199987	18.333	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	71627	17.910	ug/l	94

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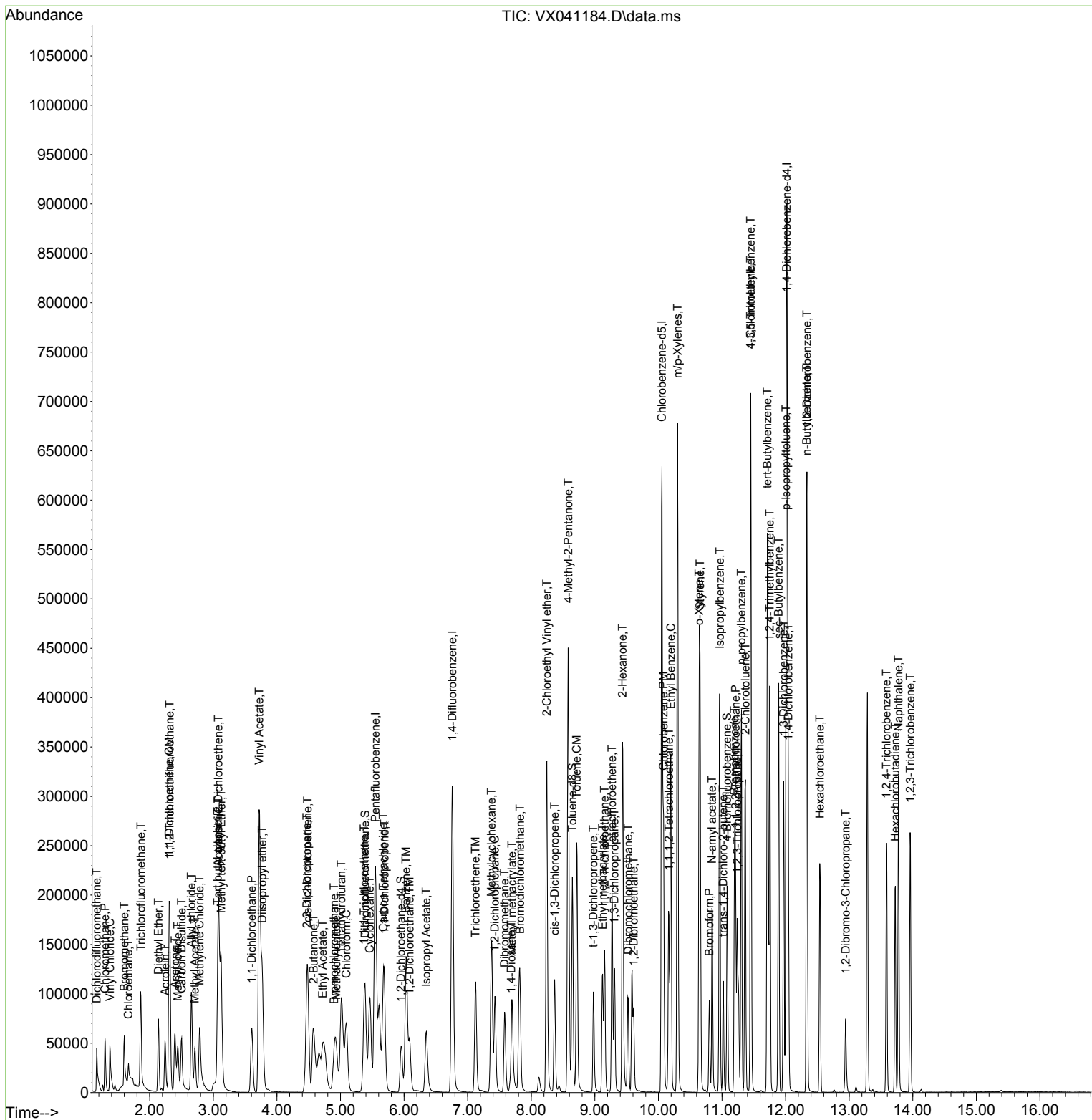
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

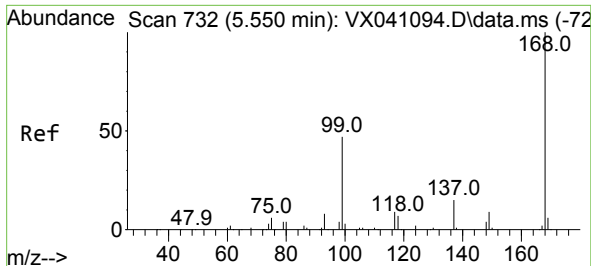
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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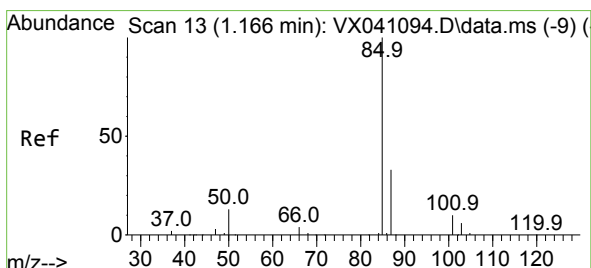
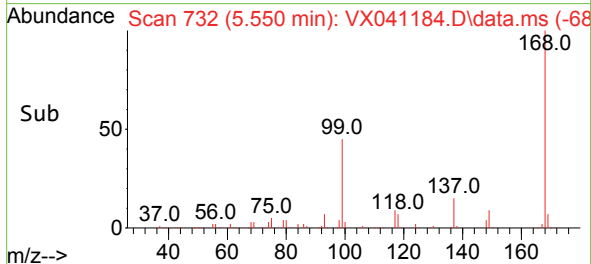
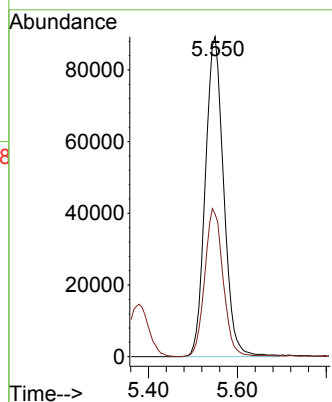
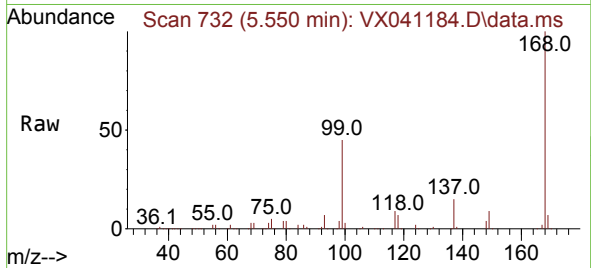




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041184.D
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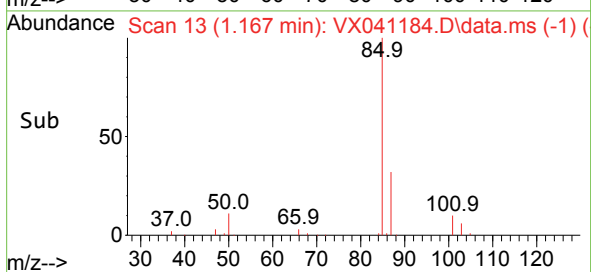
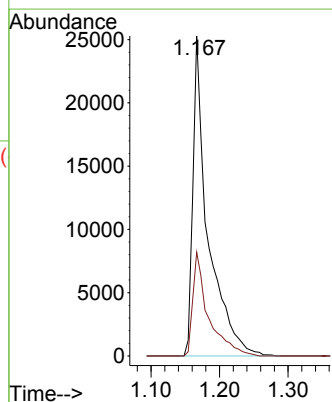
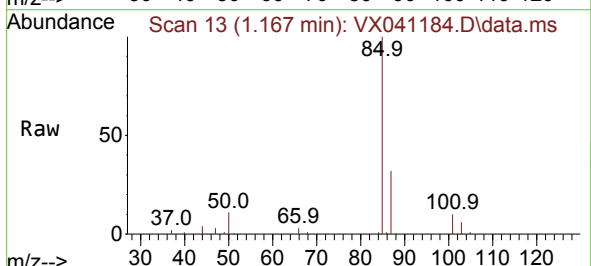
Instrument :
MSVOA_X
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VSTDICC020

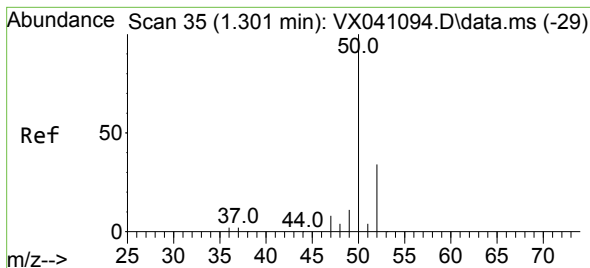
Tgt Ion:168 Resp: 257296
Ion Ratio Lower Upper
168 100
99 44.5 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 18.944 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

Tgt Ion: 85 Resp: 38553
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.1





#3

Chloromethane

Concen: 19.180 ug/l

RT: 1.295 min Scan# 34

Delta R.T. -0.006 min

Lab File: VX041184.D

Acq: 22 Apr 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

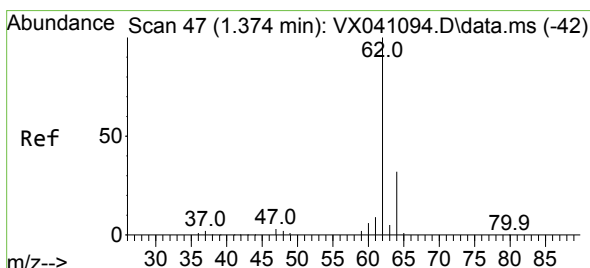
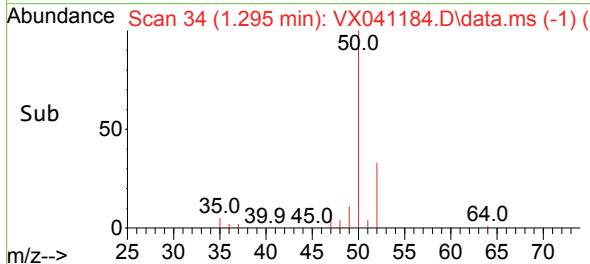
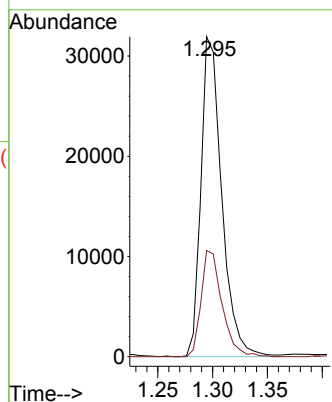
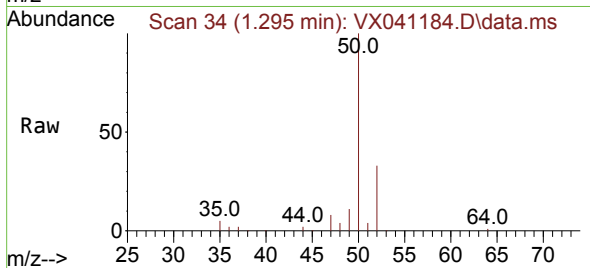
VSTDICC020

Tgt Ion: 50 Resp: 42260

Ion Ratio Lower Upper

50 100

52 33.2 25.5 38.3



#4

Vinyl Chloride

Concen: 19.721 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX041184.D

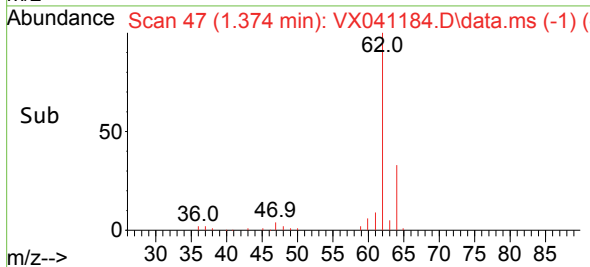
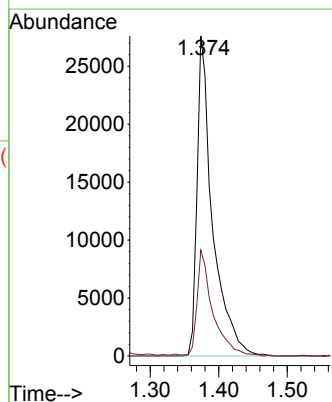
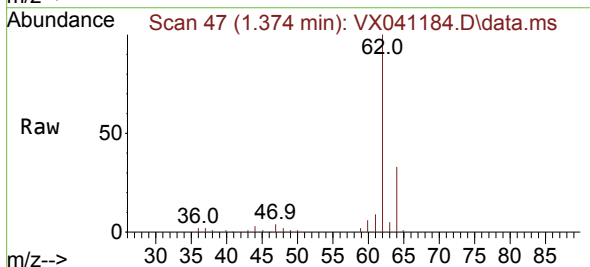
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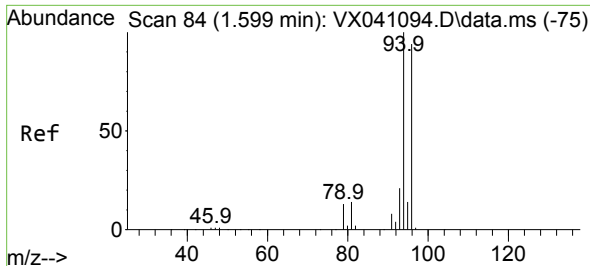
Tgt Ion: 62 Resp: 43452

Ion Ratio Lower Upper

62 100

64 33.1 25.4 38.0

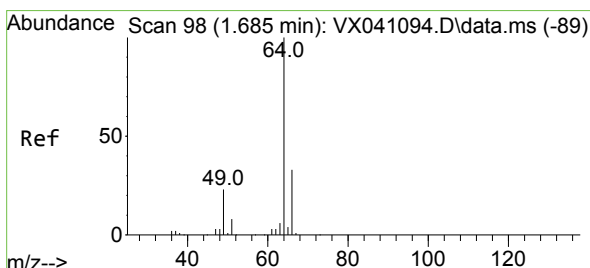
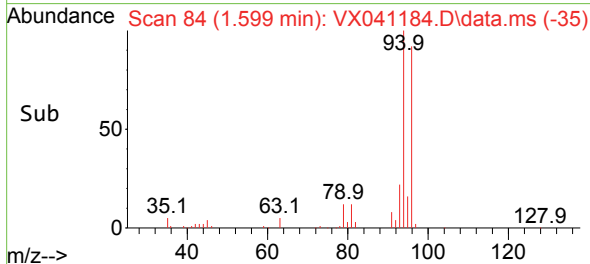
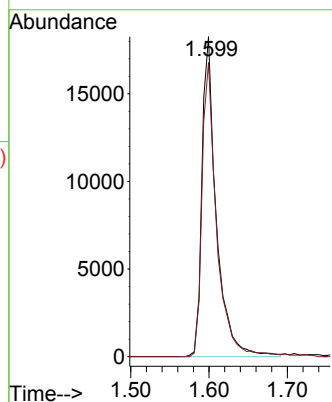
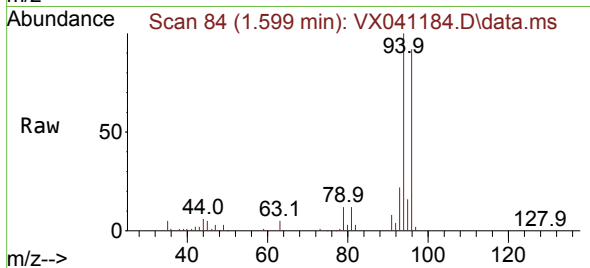




#5
Bromomethane
Concen: 18.746 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

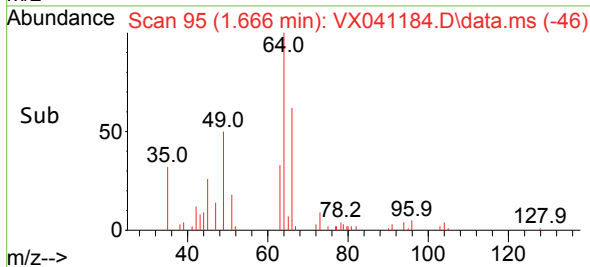
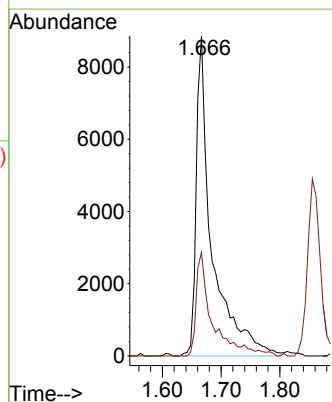
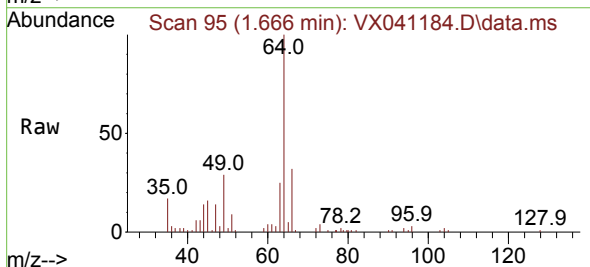
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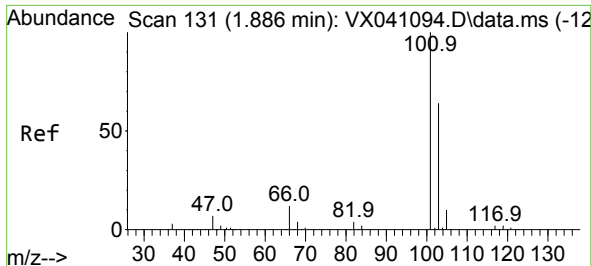
Tgt Ion: 94 Resp: 23256
Ion Ratio Lower Upper
94 100
96 91.9 74.6 111.8



#6
Chloroethane
Concen: 19.640 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

Tgt Ion: 64 Resp: 16440
Ion Ratio Lower Upper
64 100
66 32.4 25.1 37.7

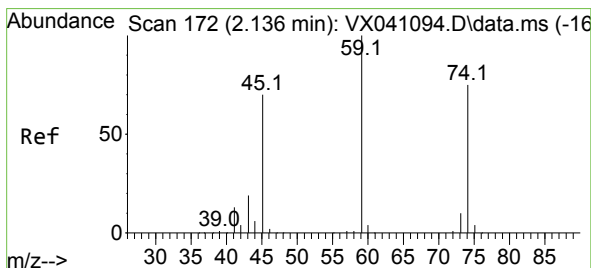
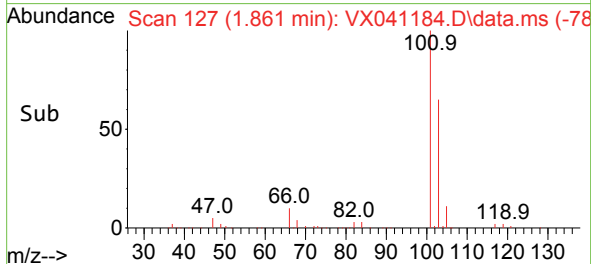
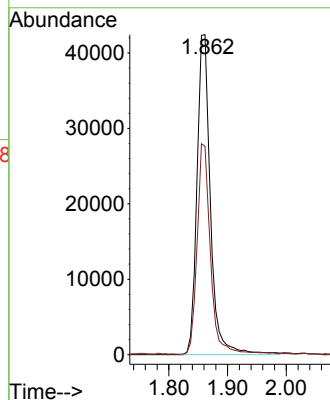
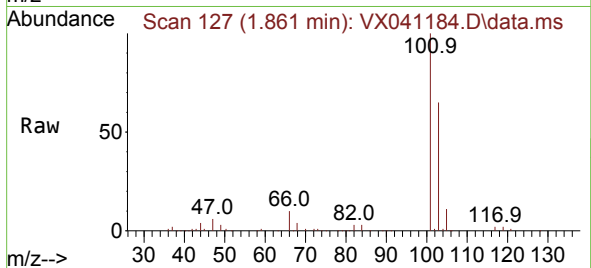




#7
 Trichlorofluoromethane
 Concen: 19.832 ug/l
 RT: 1.861 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX041184.D
 Acq: 22 Apr 2024 11:43

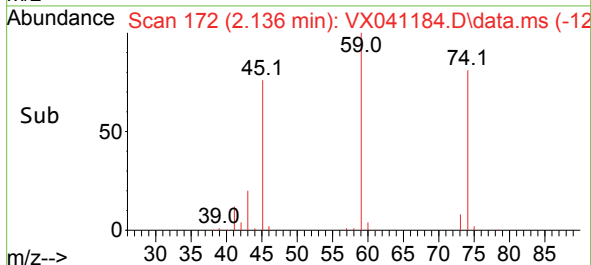
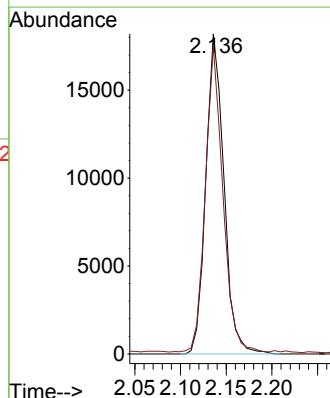
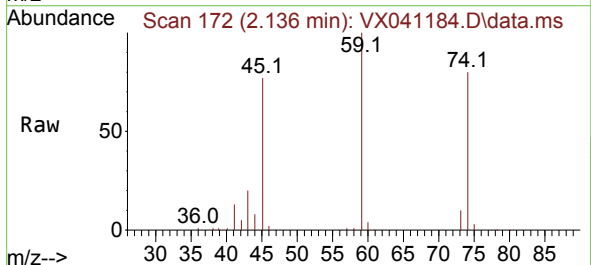
Instrument :
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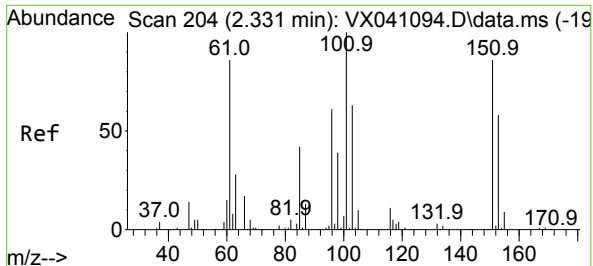
Tgt Ion:101 Resp: 67708
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.4 77.2



#8
 Diethyl Ether
 Concen: 19.884 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 24982
 Ion Ratio Lower Upper
 74 100
 45 92.3 53.3 159.8

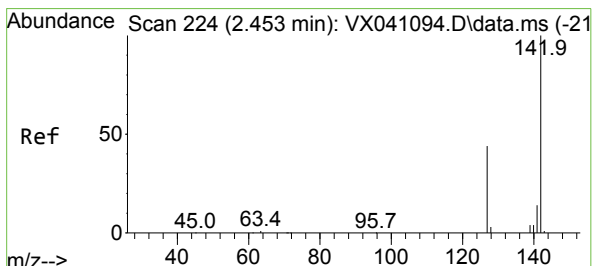
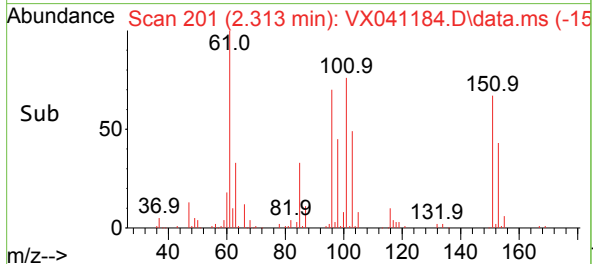
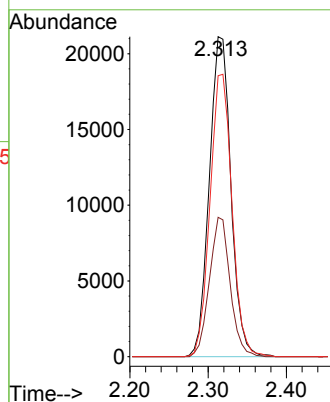
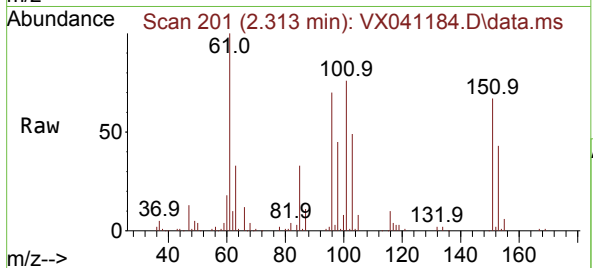




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.177 ug/l
RT: 2.313 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

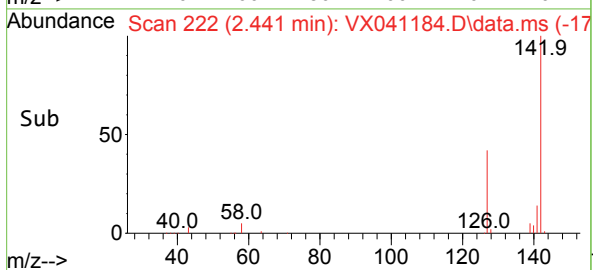
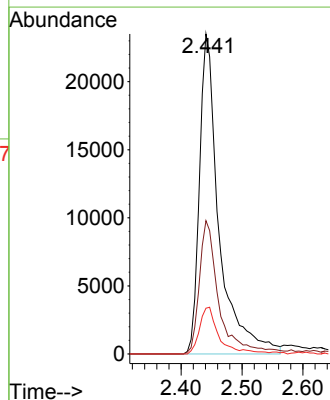
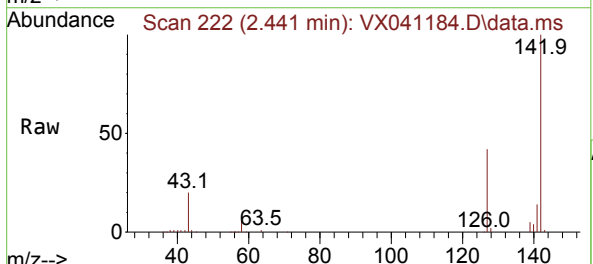
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

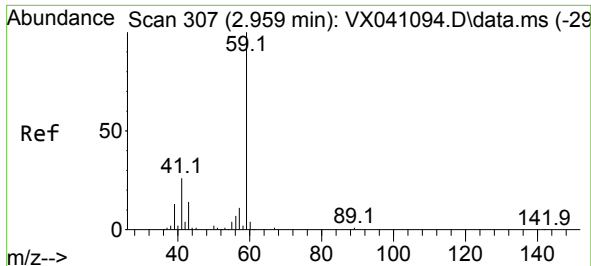
Tgt Ion:101 Resp: 40529
Ion Ratio Lower Upper
101 100
85 41.8 37.0 55.6
151 89.6 58.6 87.8#



#10
Methyl Iodide
Concen: 21.739 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

Tgt Ion:142 Resp: 52657
Ion Ratio Lower Upper
142 100
127 41.5 41.6 62.4#
141 14.5 11.6 17.4

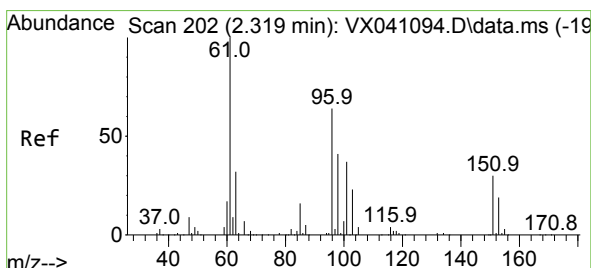
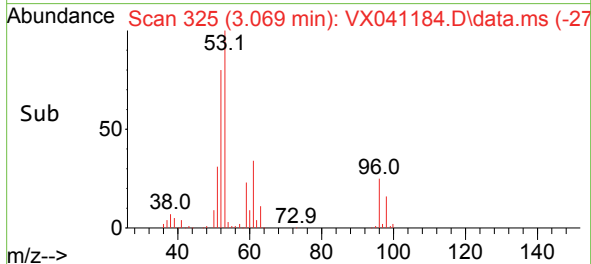
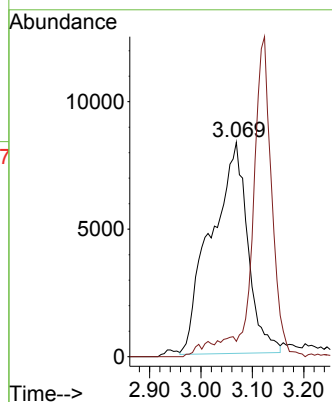
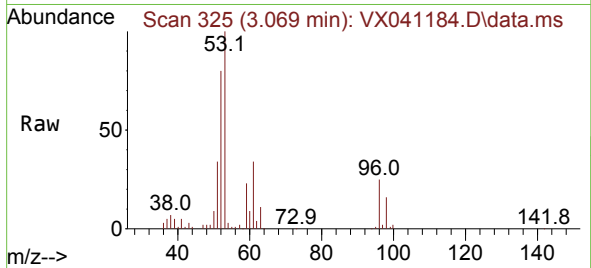




#11
Tert butyl alcohol
Concen: 93.544 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

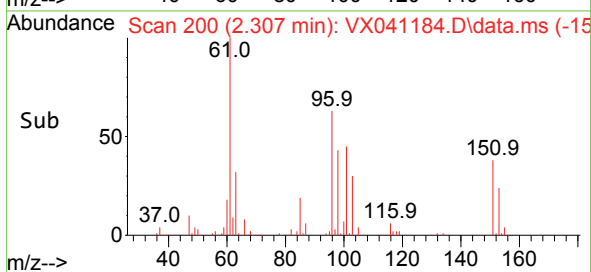
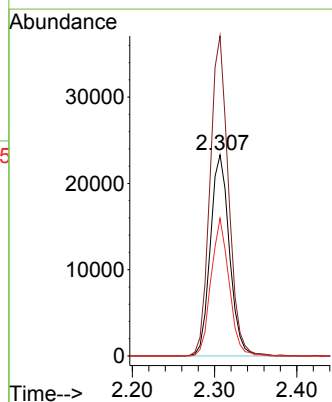
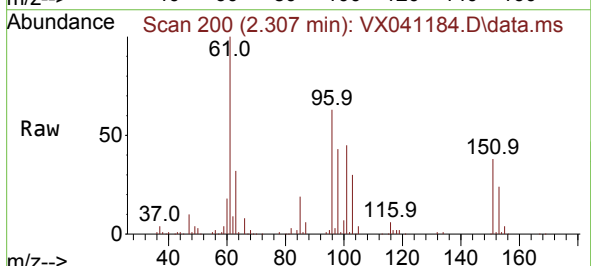
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

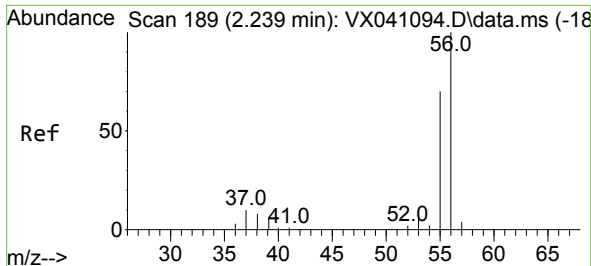
Tgt Ion: 59 Resp: 40995
Ion Ratio Lower Upper
59 100
57 4.2 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 20.078 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

Tgt Ion: 96 Resp: 37649
Ion Ratio Lower Upper
96 100
61 159.3 144.6 216.8
98 68.5 50.4 75.6





#13

Acrolein

Concen: 85.656 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX041184.D

Acq: 22 Apr 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

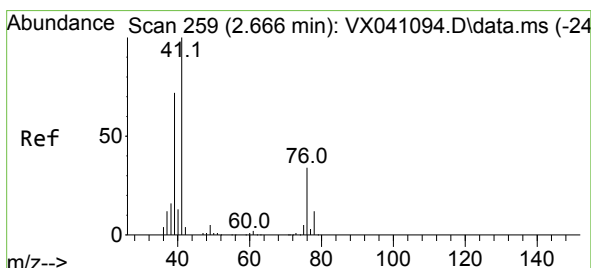
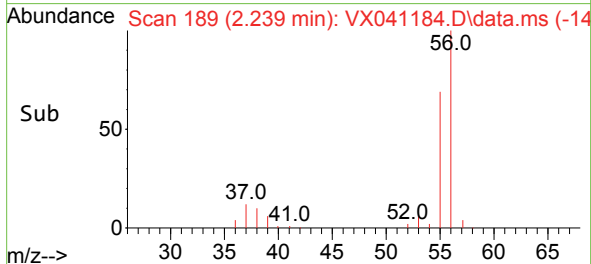
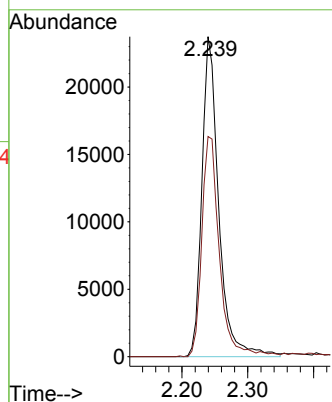
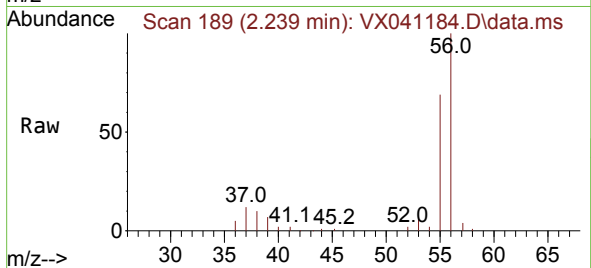
VSTDICC020

Tgt Ion: 56 Resp: 42162

Ion Ratio Lower Upper

56 100

55 72.1 57.1 85.7



#14

Allyl chloride

Concen: 21.474 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX041184.D

Acq: 22 Apr 2024 11:43

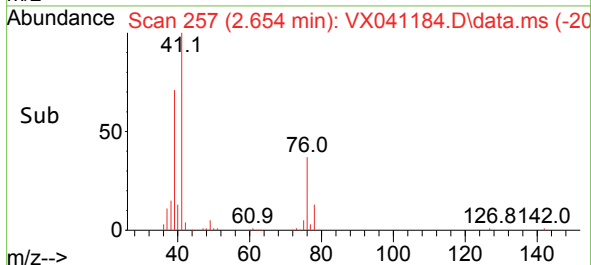
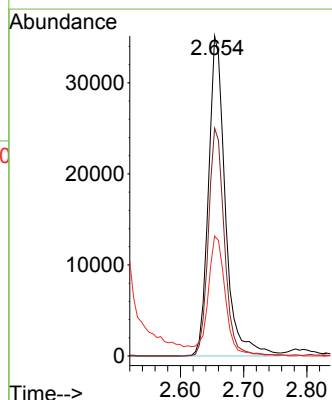
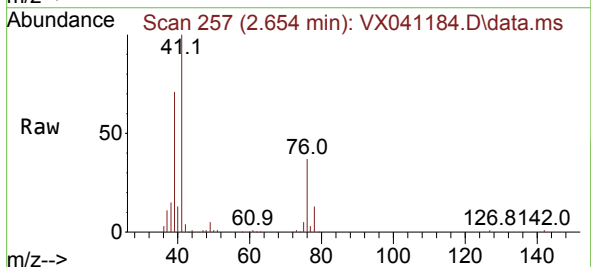
Tgt Ion: 41 Resp: 65412

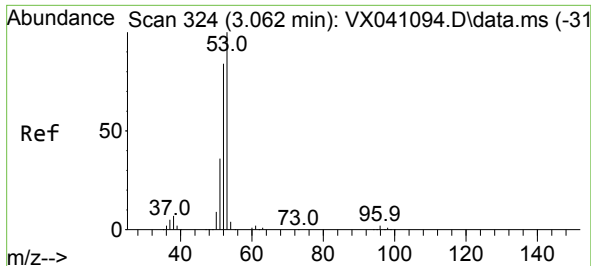
Ion Ratio Lower Upper

41 100

39 67.6 55.8 83.6

76 38.7 24.3 36.5#





#15

Acrylonitrile

Concen: 101.163 ug/l

RT: 3.075 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX041184.D

Acq: 22 Apr 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

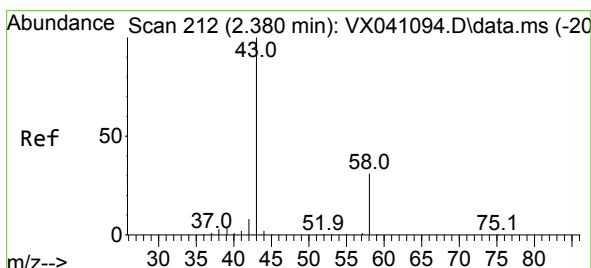
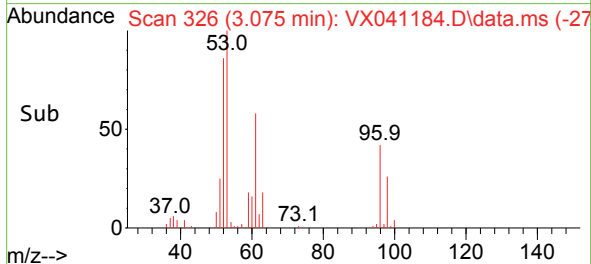
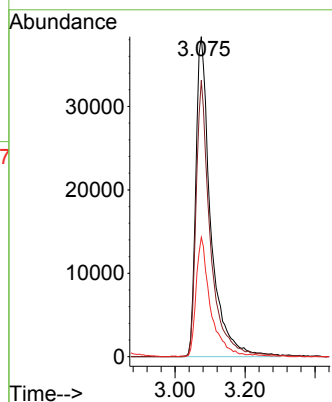
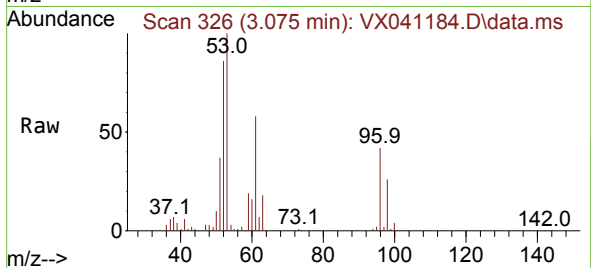
Tgt Ion: 53 Resp: 113428

Ion Ratio Lower Upper

53 100

52 82.7 66.0 99.0

51 36.1 29.8 44.6



#16

Acetone

Concen: 103.563 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.000 min

Lab File: VX041184.D

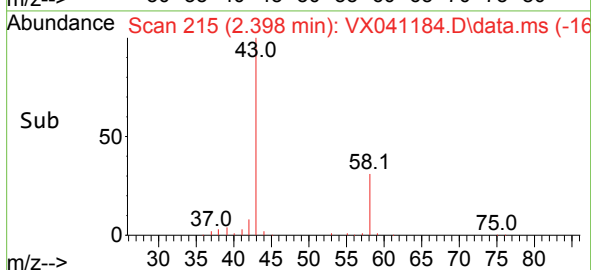
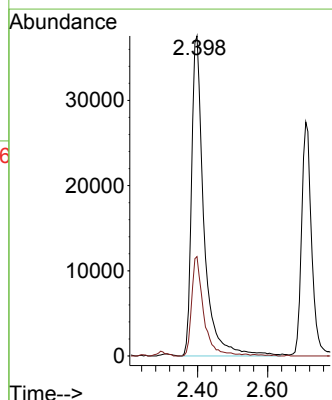
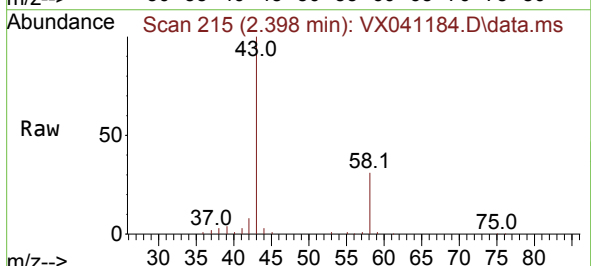
Acq: 22 Apr 2024 11:43

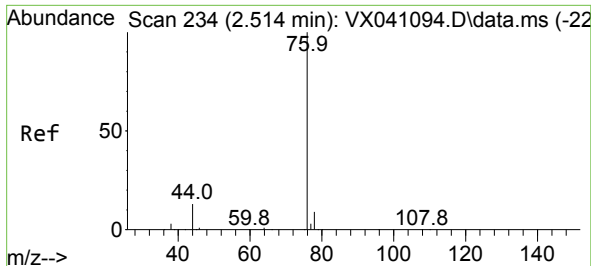
Tgt Ion: 43 Resp: 92329

Ion Ratio Lower Upper

43 100

58 31.1 21.9 32.9

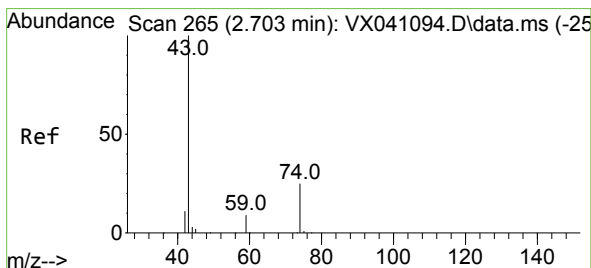
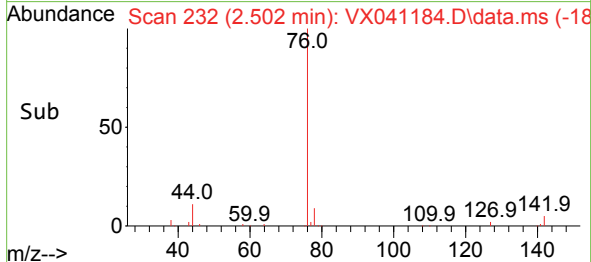
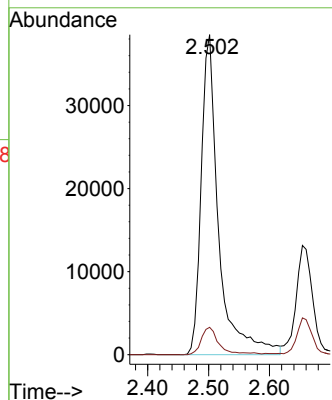
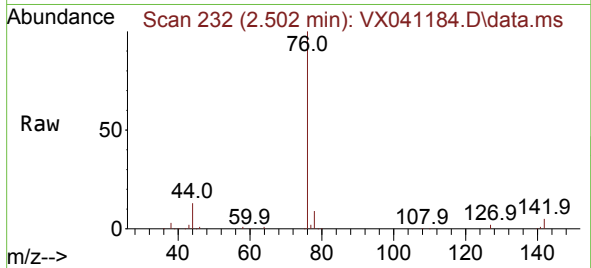




#17
Carbon Disulfide
Concen: 19.521 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

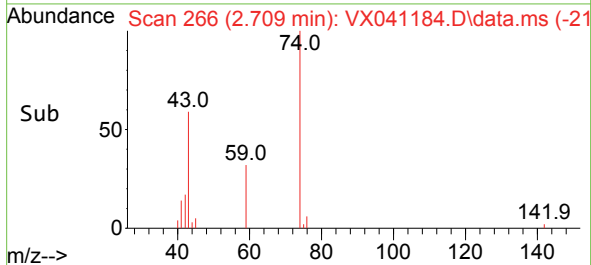
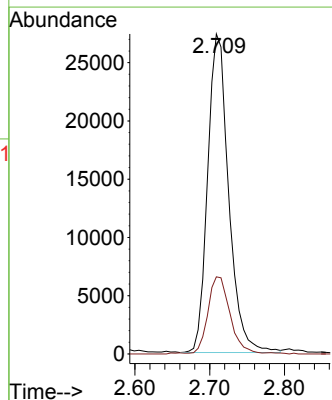
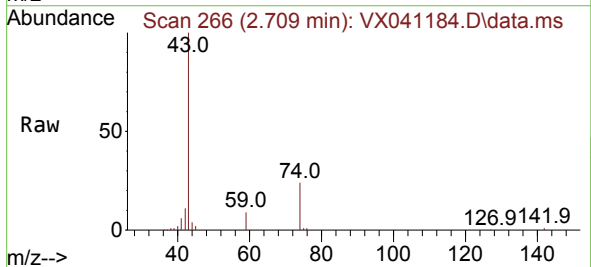
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

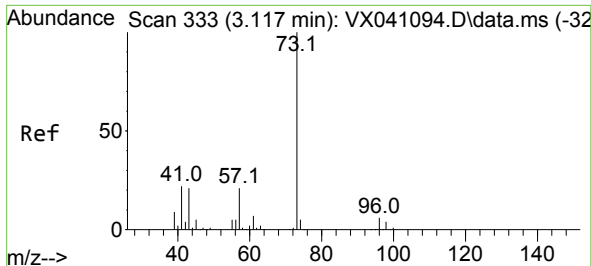
Tgt Ion: 76 Resp: 76464
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.6



#18
Methyl Acetate
Concen: 20.265 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

Tgt Ion: 43 Resp: 53444
Ion Ratio Lower Upper
43 100
74 24.6 17.8 26.8

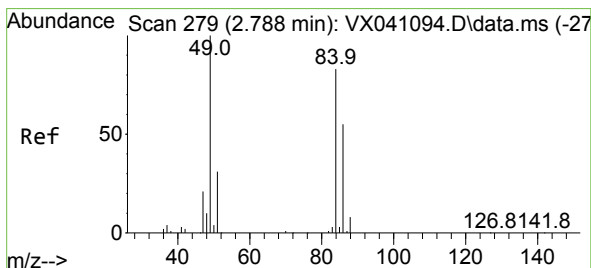
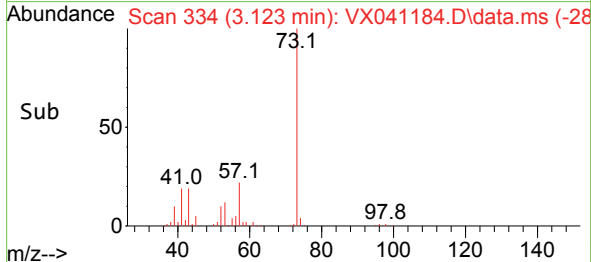
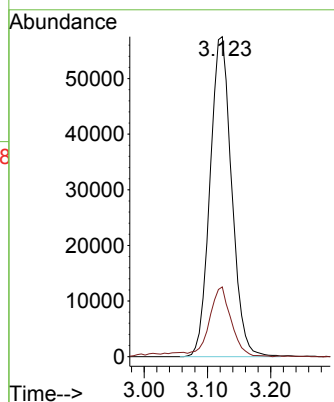
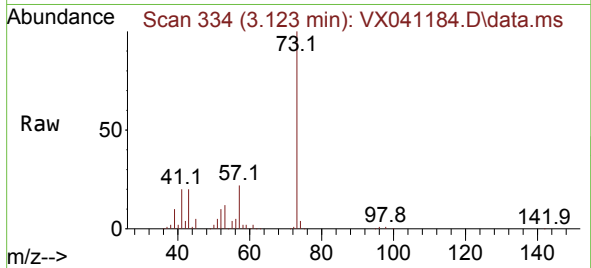




#19
Methyl tert-butyl Ether
Concen: 20.379 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

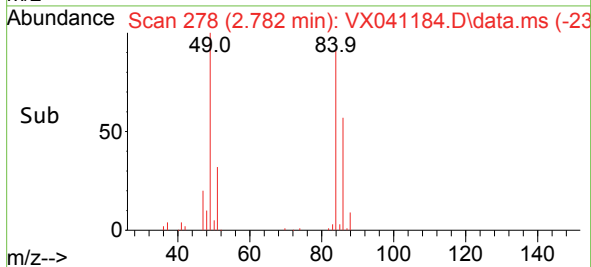
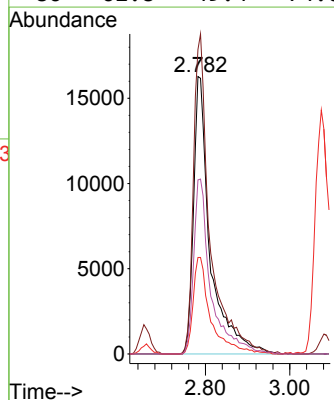
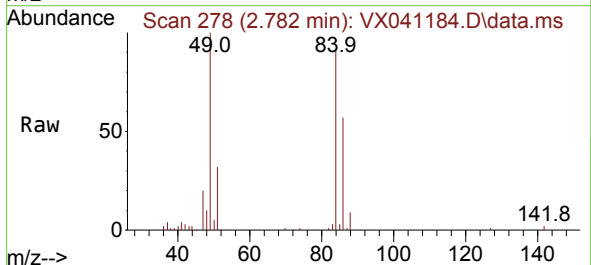
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

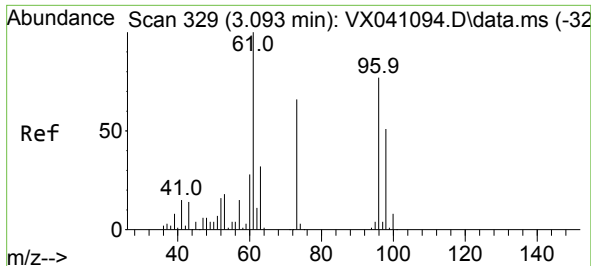
Tgt Ion: 73 Resp: 136608
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 20.592 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

Tgt Ion: 84 Resp: 44836
Ion Ratio Lower Upper
84 100
49 109.7 103.6 155.4
51 34.8 33.8 50.6
86 62.8 49.4 74.0

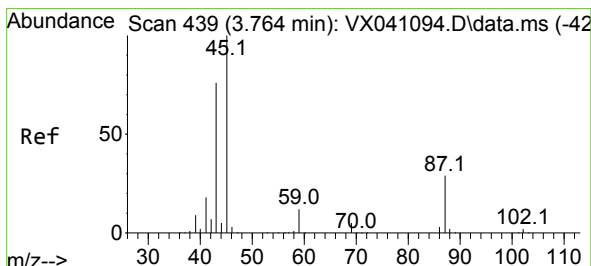
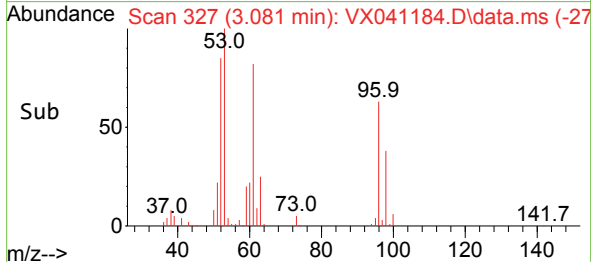
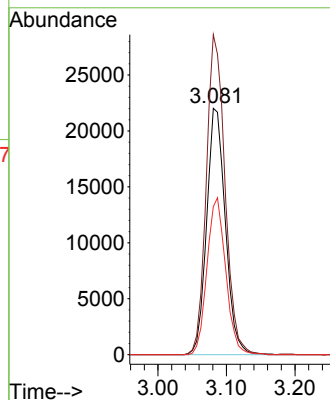
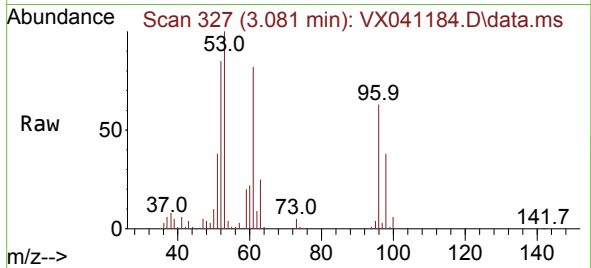




#21
trans-1,2-Dichloroethene
Concen: 20.203 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

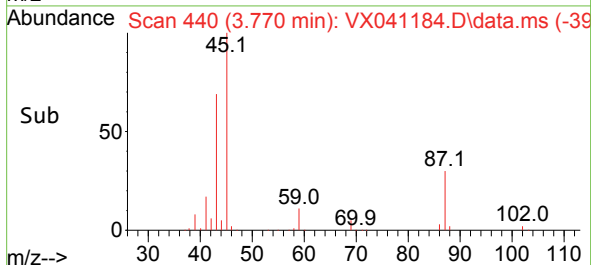
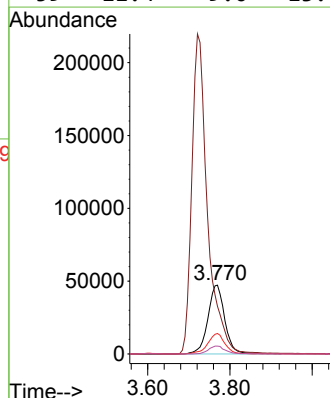
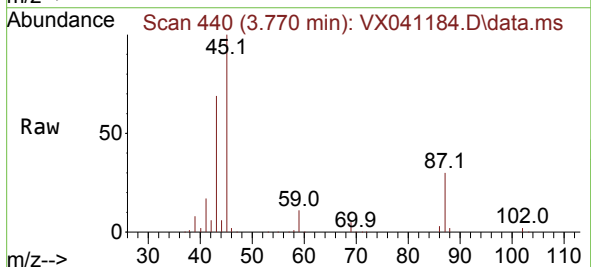
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

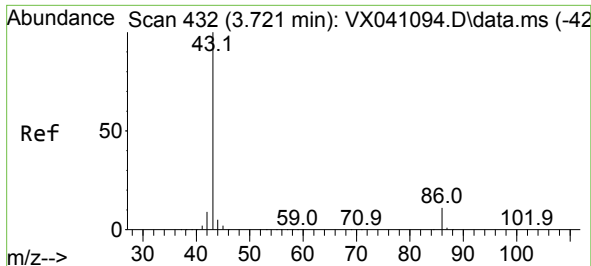
Tgt Ion: 96 Resp: 41864
Ion Ratio Lower Upper
96 100
61 129.9 119.2 178.8
98 60.1 48.7 73.1



#22
Diisopropyl ether
Concen: 20.387 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

Tgt Ion: 45 Resp: 134271
Ion Ratio Lower Upper
45 100
43 68.8 69.7 104.5#
87 29.9 20.8 31.2
59 11.4 9.0 13.4

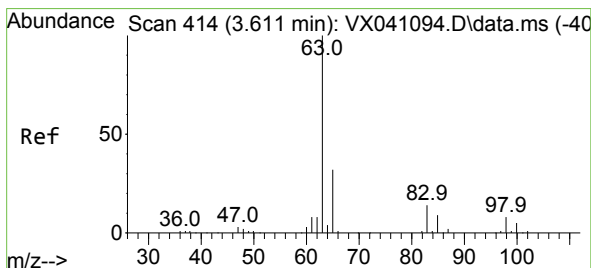
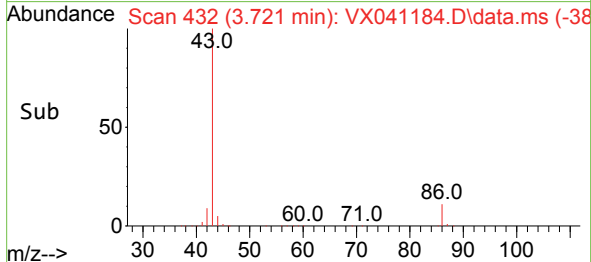
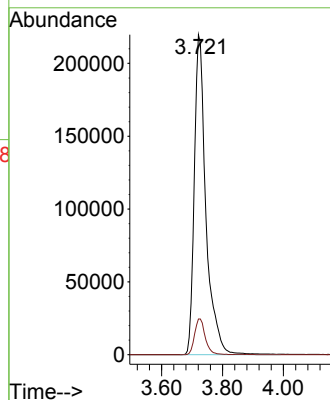
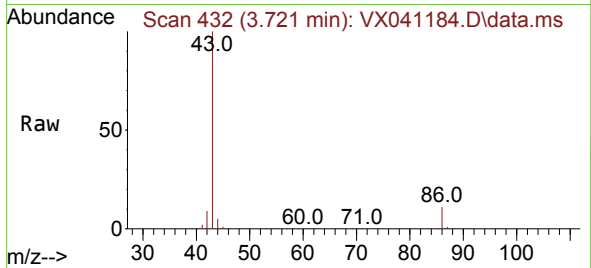




#23
 Vinyl Acetate
 Concen: 103.704 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX041184.D
 Acq: 22 Apr 2024 11:43

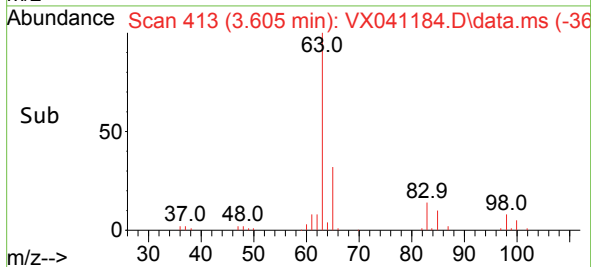
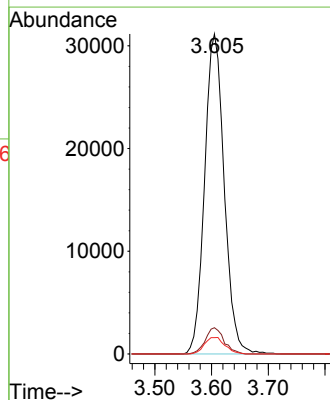
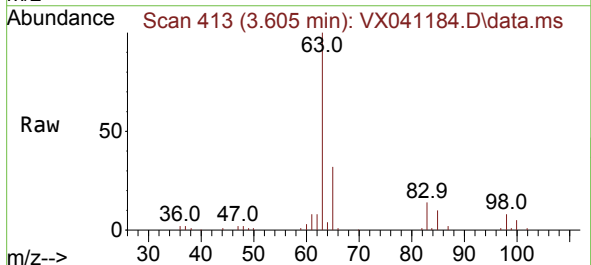
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

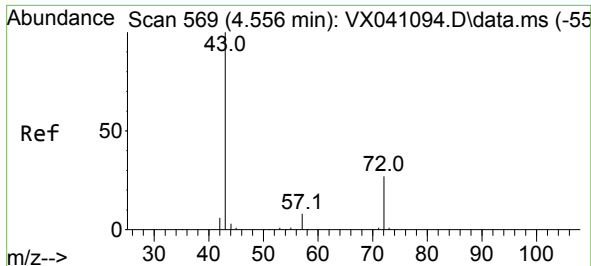
Tgt Ion: 43 Resp: 584297
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 20.320 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX041184.D
 Acq: 22 Apr 2024 11:43

Tgt Ion: 63 Resp: 74811
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.3 9.8
 100 5.1 2.1 6.5

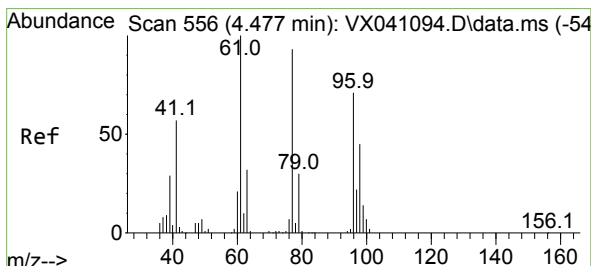
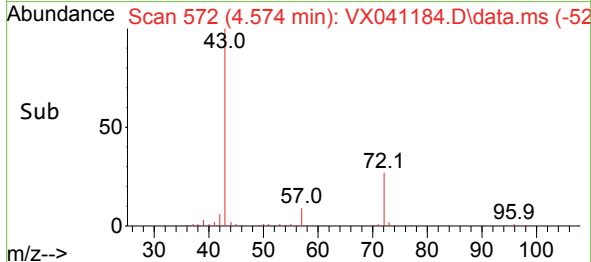
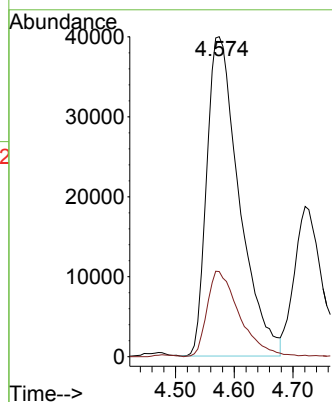
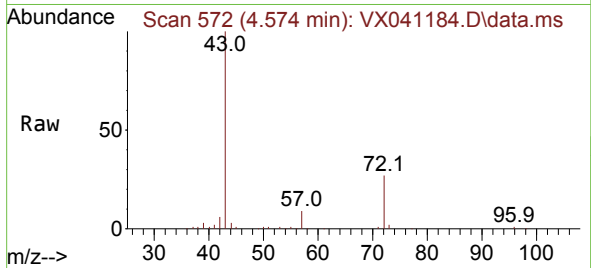




#25
2-Butanone
Concen: 100.605 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

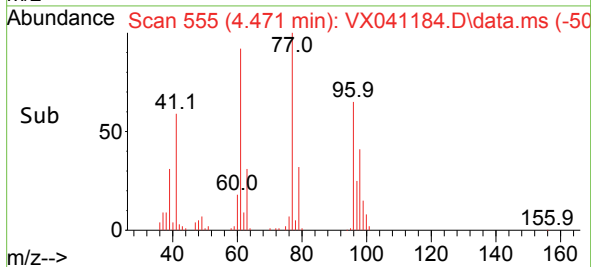
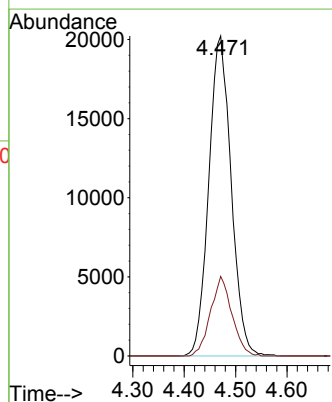
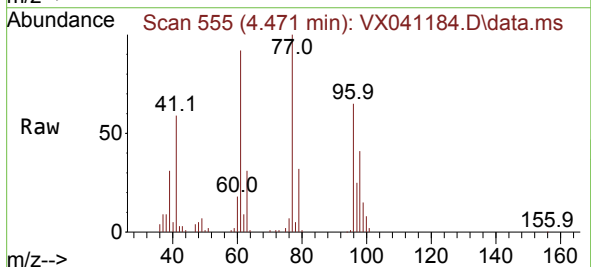
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 153175
Ion Ratio Lower Upper
43 100
72 26.4 19.4 29.2



#26
2,2-Dichloropropane
Concen: 19.640 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

Tgt Ion: 77 Resp: 61110
Ion Ratio Lower Upper
77 100
97 23.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 20.080 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX041184.D

Acq: 22 Apr 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

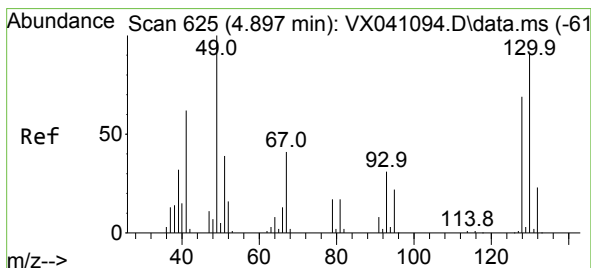
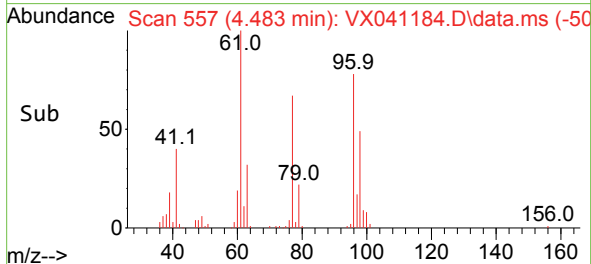
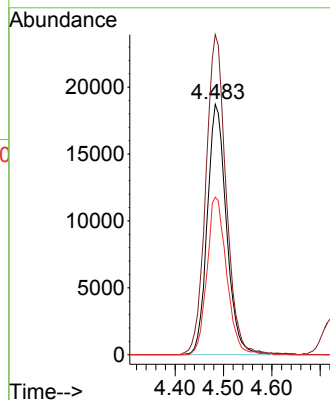
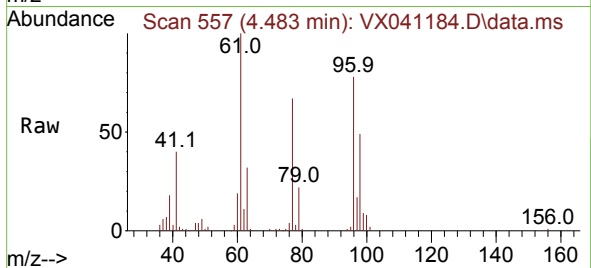
Tgt Ion: 96 Resp: 51573

Ion Ratio Lower Upper

96 100

61 134.4 0.0 312.2

98 64.2 0.0 129.0



#28

Bromochloromethane

Concen: 18.545 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX041184.D

Acq: 22 Apr 2024 11:43

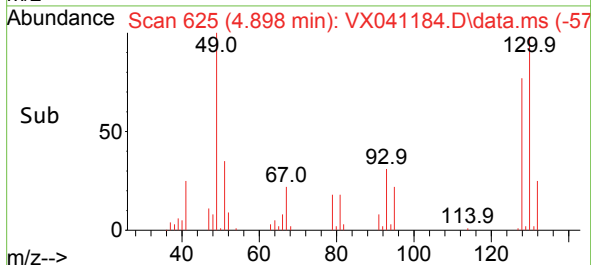
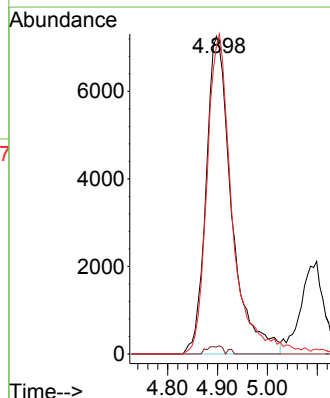
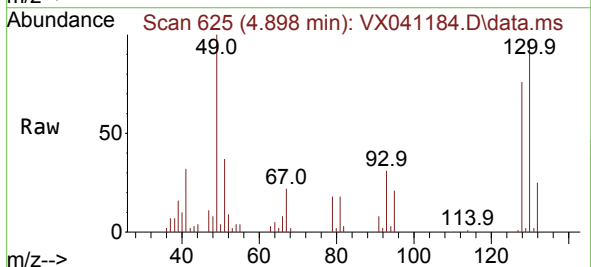
Tgt Ion: 49 Resp: 25909

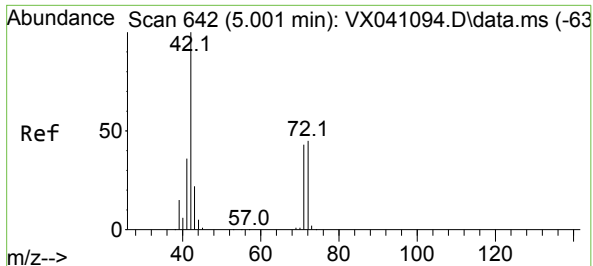
Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.8

130 98.7 57.5 86.3#





#29

Tetrahydrofuran

Concen: 99.279 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX041184.D

Acq: 22 Apr 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

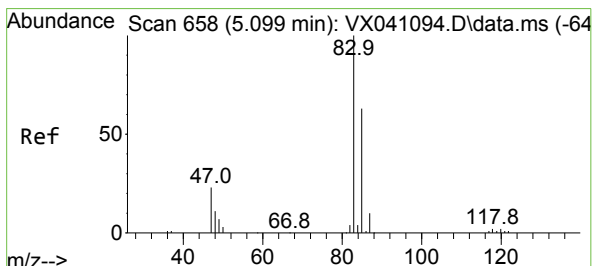
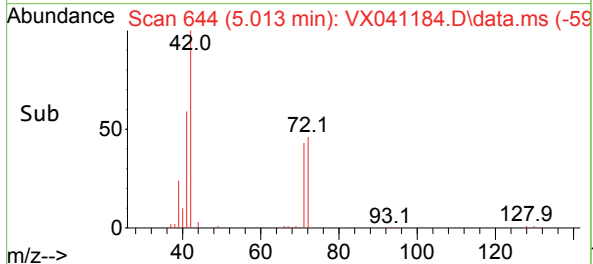
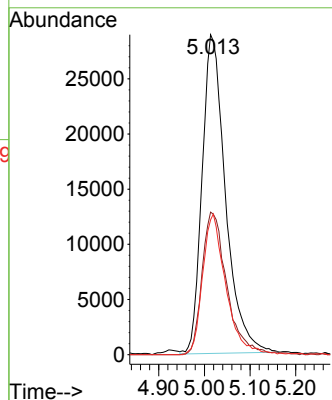
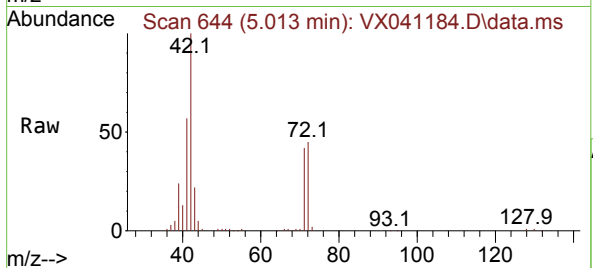
Tgt Ion: 42 Resp: 102977

Ion Ratio Lower Upper

42 100

72 46.8 34.2 51.4

71 43.6 32.2 48.2



#30

Chloroform

Concen: 20.167 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX041184.D

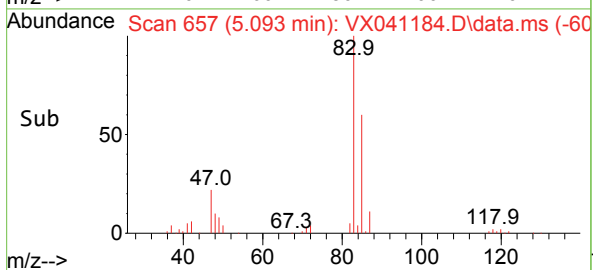
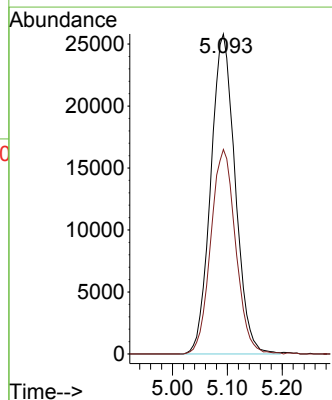
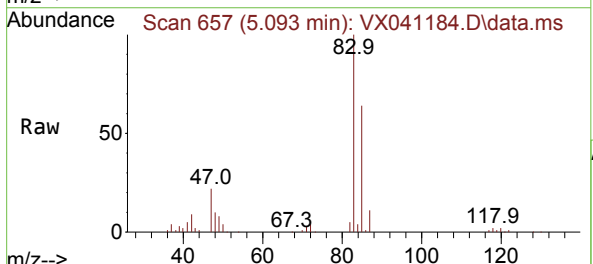
Acq: 22 Apr 2024 11:43

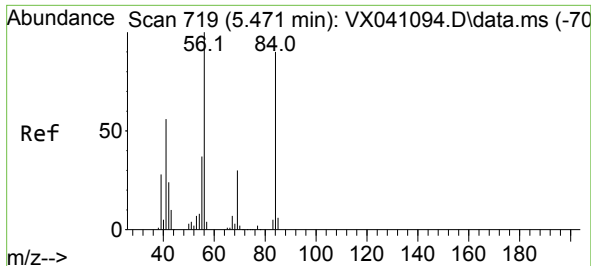
Tgt Ion: 83 Resp: 79690

Ion Ratio Lower Upper

83 100

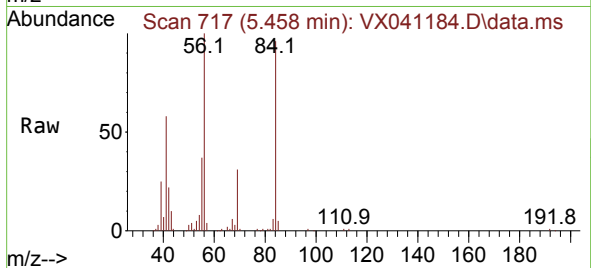
85 63.9 50.3 75.5



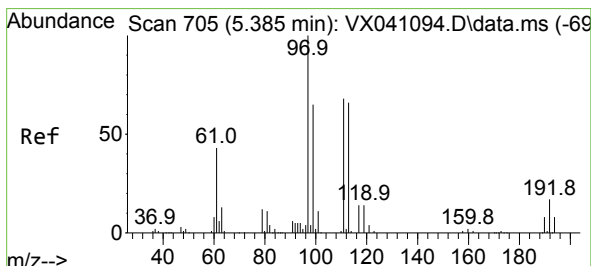
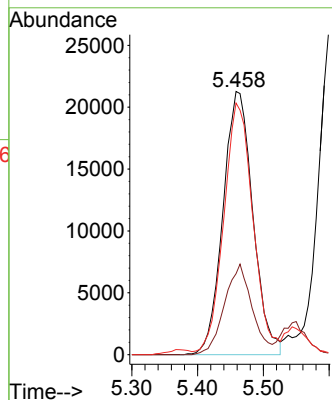
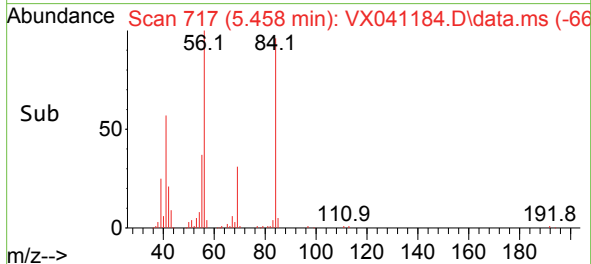


#31
Cyclohexane
Concen: 20.394 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

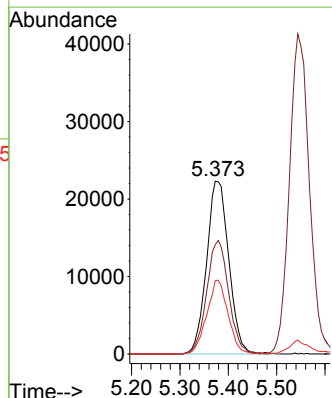
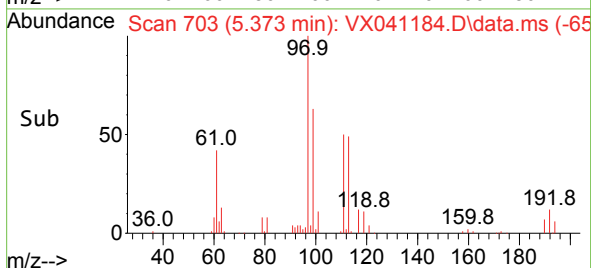
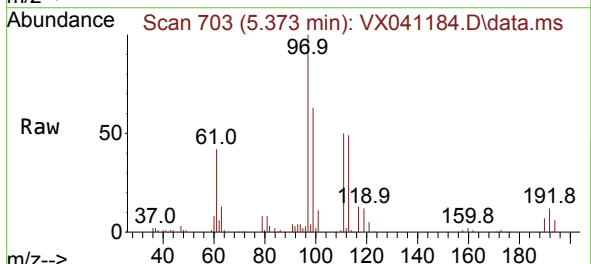


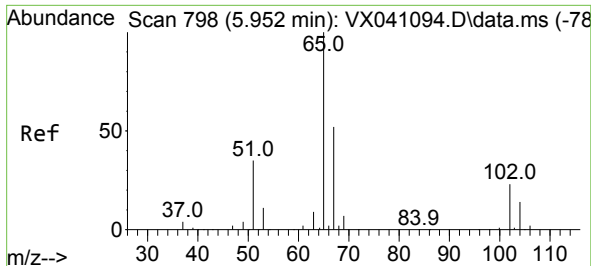
Tgt Ion: 56 Resp: 67226
Ion Ratio Lower Upper
56 100
69 30.4 23.4 35.2
84 93.7 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 20.094 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

Tgt Ion: 97 Resp: 71180
Ion Ratio Lower Upper
97 100
99 64.8 51.1 76.7
61 40.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 19.470 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041184.D

Acq: 22 Apr 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

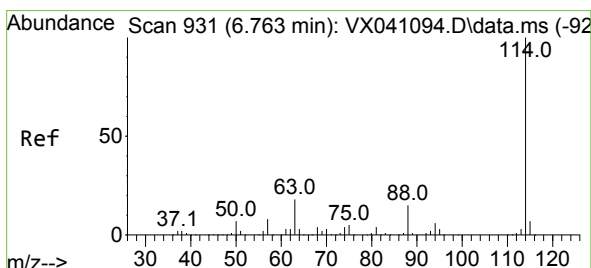
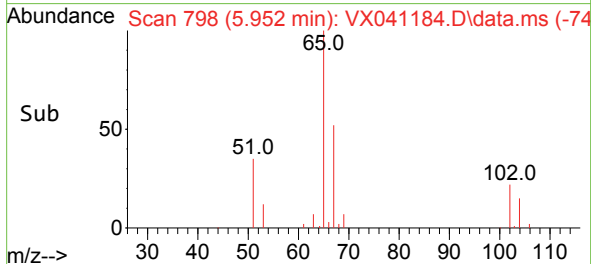
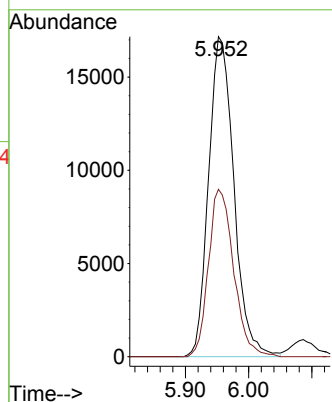
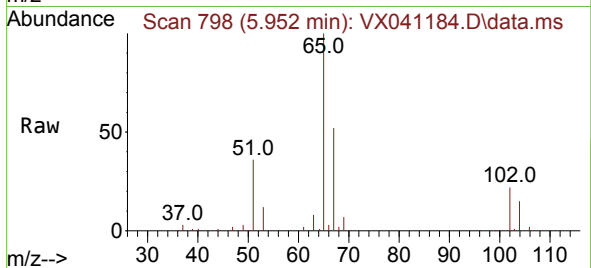
VSTDIC020

Tgt Ion: 65 Resp: 47687

Ion Ratio Lower Upper

65 100

67 52.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX041184.D

Acq: 22 Apr 2024 11:43

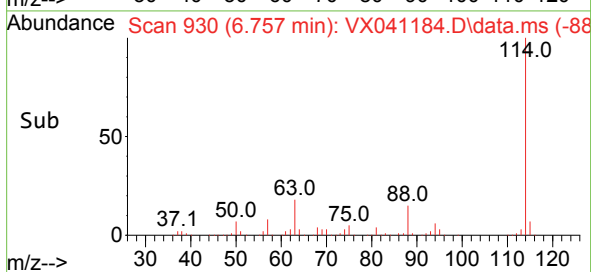
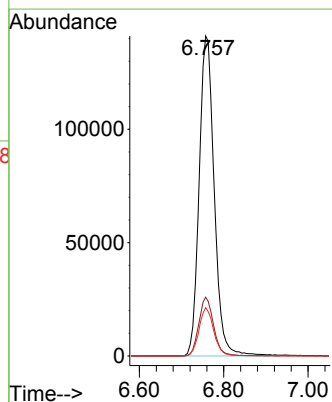
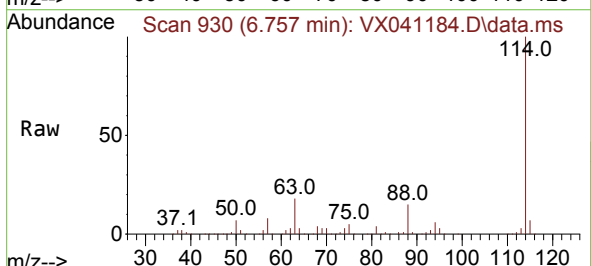
Tgt Ion: 114 Resp: 351885

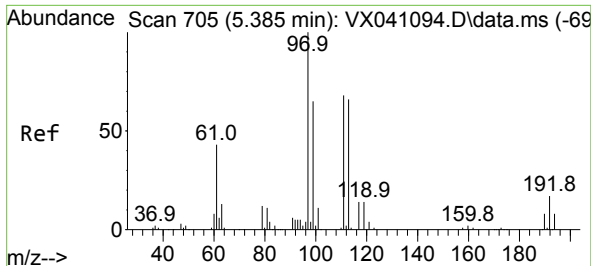
Ion Ratio Lower Upper

114 100

63 18.4 0.0 45.0

88 15.1 0.0 36.6

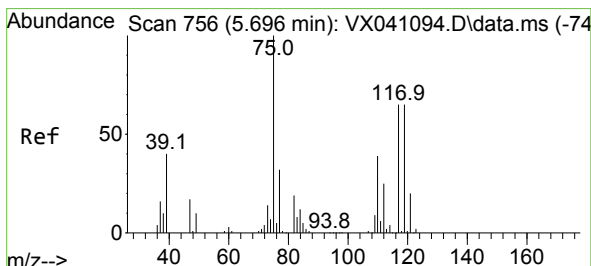
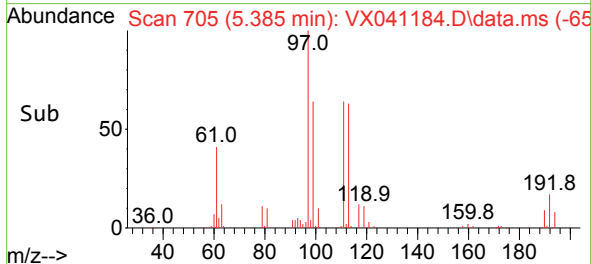
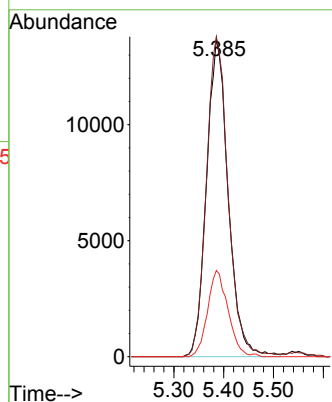
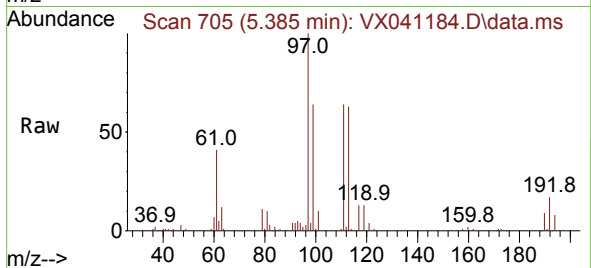




#35
Dibromofluoromethane
Concen: 19.264 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

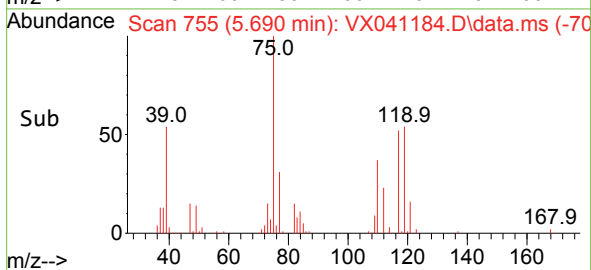
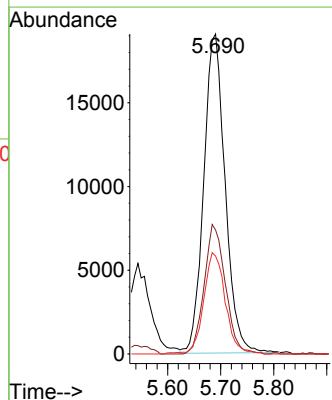
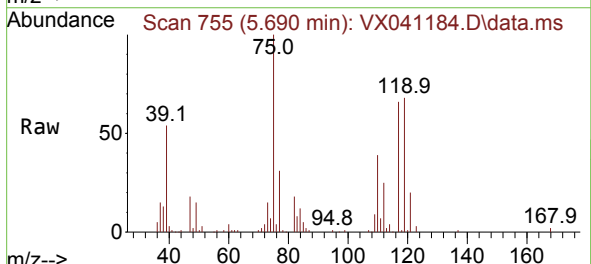
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

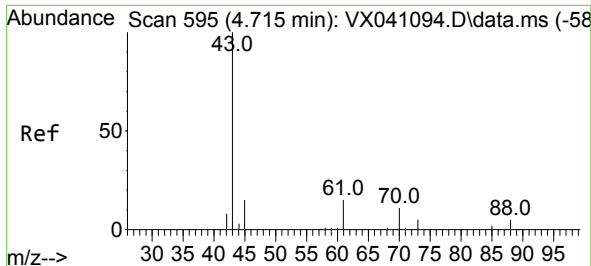
Tgt Ion:113 Resp: 41235
Ion Ratio Lower Upper
113 100
111 101.2 82.9 124.3
192 25.5 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 19.543 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

Tgt Ion: 75 Resp: 53525
Ion Ratio Lower Upper
75 100
110 40.1 17.0 50.9
77 32.1 24.7 37.1





#37

Ethyl Acetate

Concen: 20.981 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX041184.D

Acq: 22 Apr 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

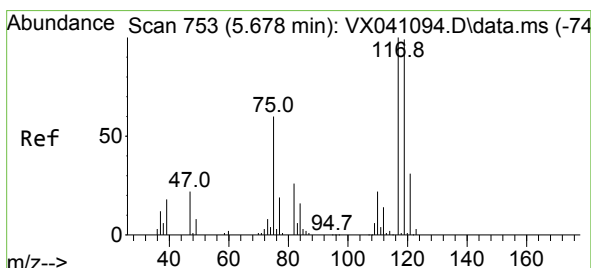
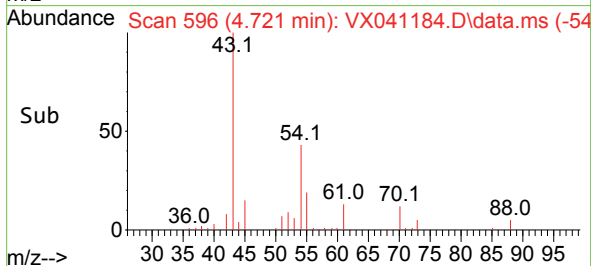
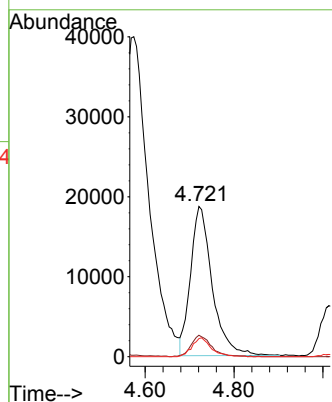
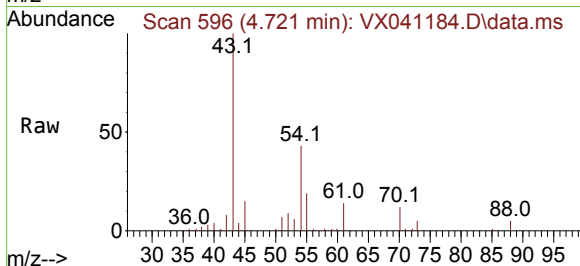
Tgt Ion: 43 Resp: 63044

Ion Ratio Lower Upper

43 100

61 13.4 10.6 16.0

70 11.1 8.3 12.5



#38

Carbon Tetrachloride

Concen: 19.896 ug/l

RT: 5.672 min Scan# 752

Delta R.T. 0.000 min

Lab File: VX041184.D

Acq: 22 Apr 2024 11:43

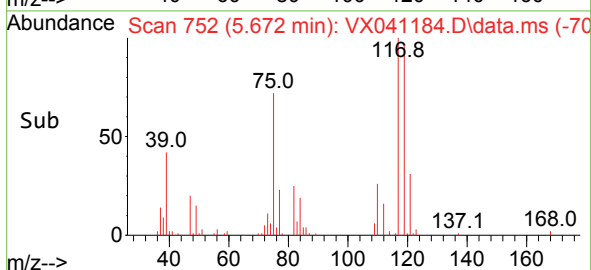
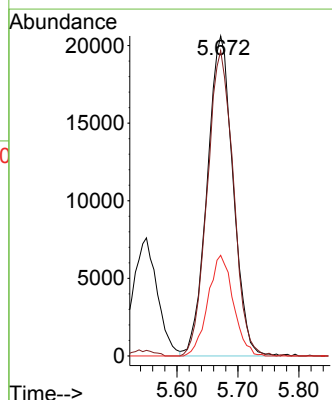
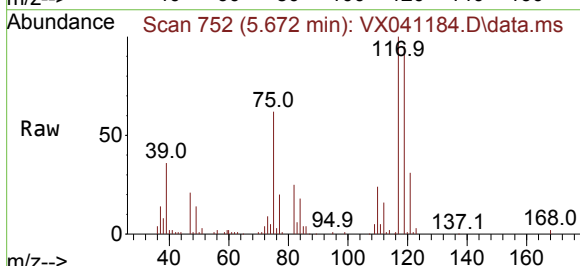
Tgt Ion: 117 Resp: 60861

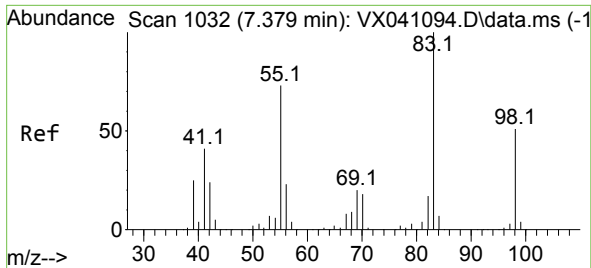
Ion Ratio Lower Upper

117 100

119 95.4 78.2 117.2

121 31.4 24.4 36.6

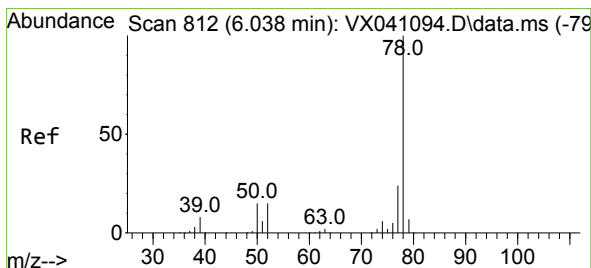
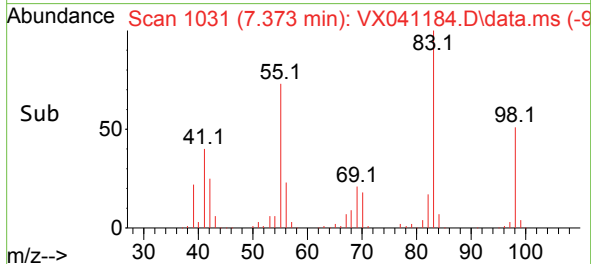
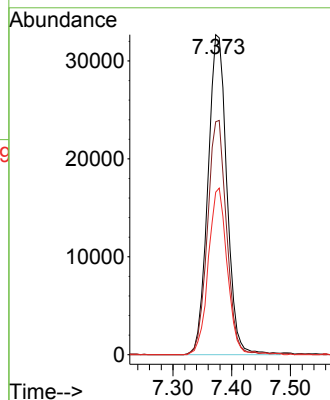
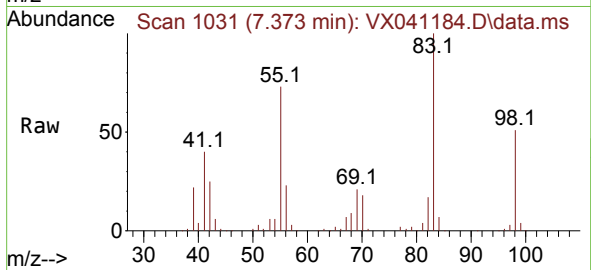




#39
Methylcyclohexane
Concen: 20.172 ug/l
RT: 7.373 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

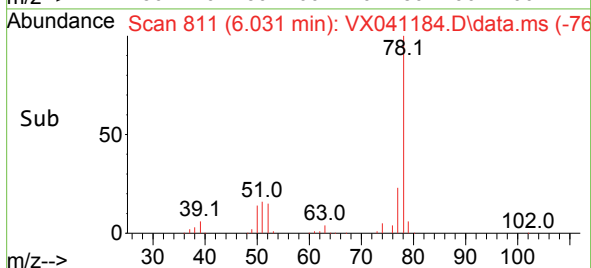
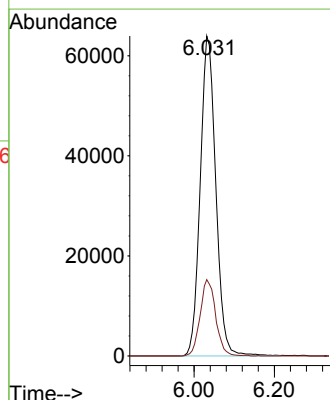
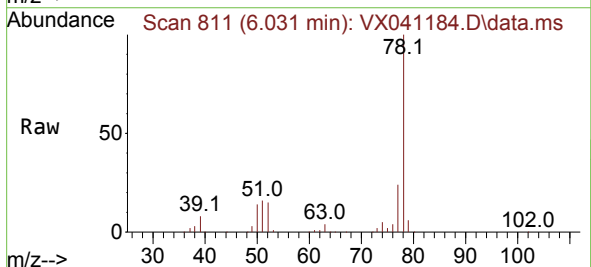
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

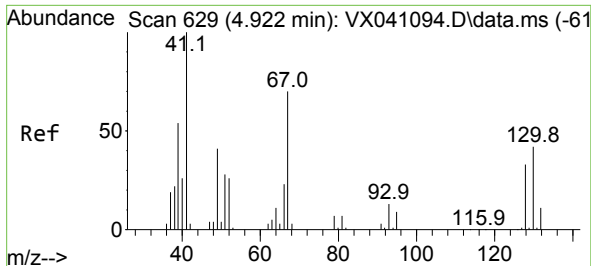
Tgt Ion: 83 Resp: 73279
Ion Ratio Lower Upper
83 100
55 72.8 64.6 97.0
98 50.8 36.7 55.1



#40
Benzene
Concen: 20.370 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

Tgt Ion: 78 Resp: 172294
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9

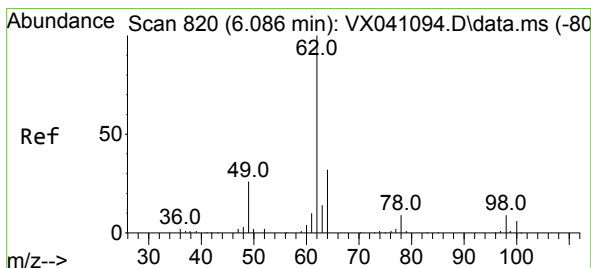
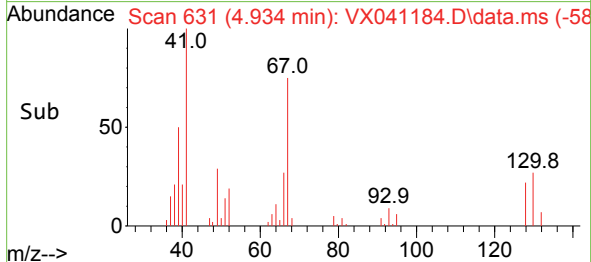
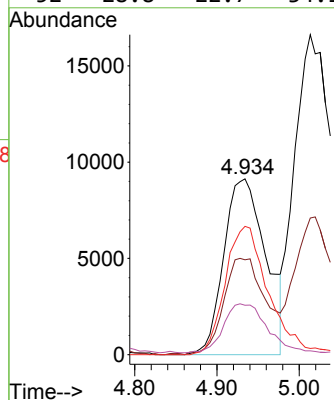
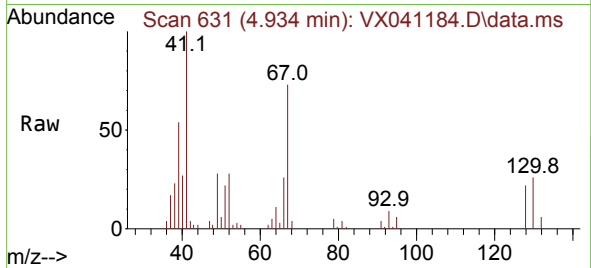




#41
Methacrylonitrile
Concen: 20.700 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

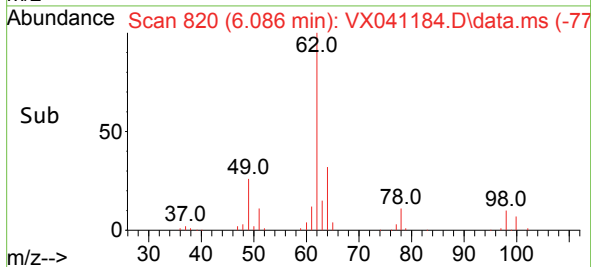
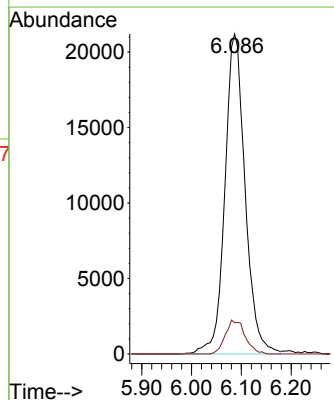
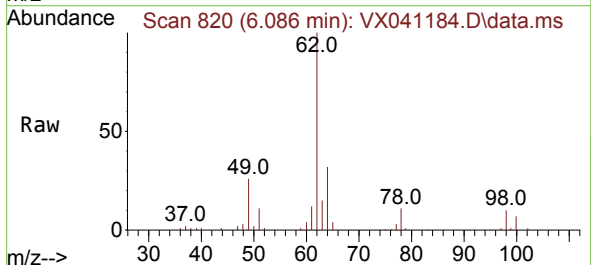
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

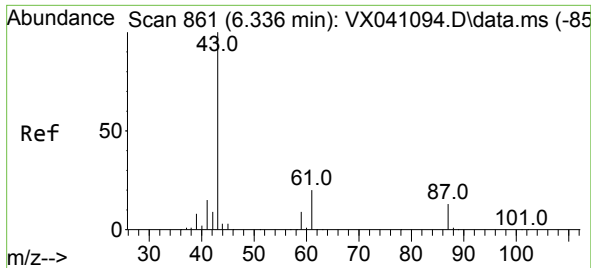
Tgt Ion:	41	Resp:	32381
Ion	Ratio	Lower	Upper
41	100		
39	54.9	45.2	67.8
67	75.6	52.6	78.8
52	28.8	22.7	34.1



#42
1,2-Dichloroethane
Concen: 20.346 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

Tgt Ion:	62	Resp:	59670
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	16.0

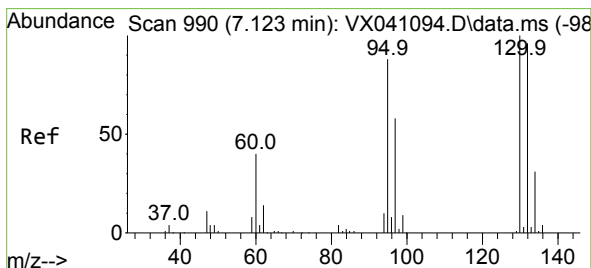
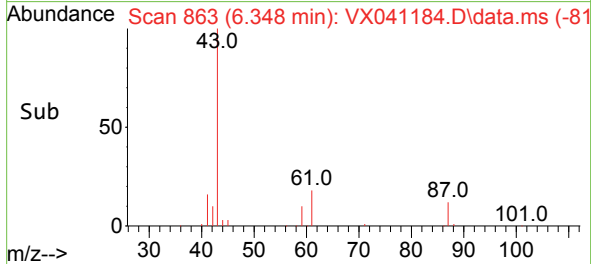
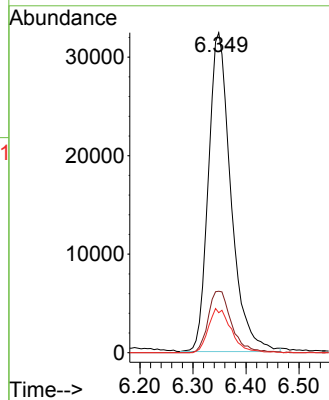
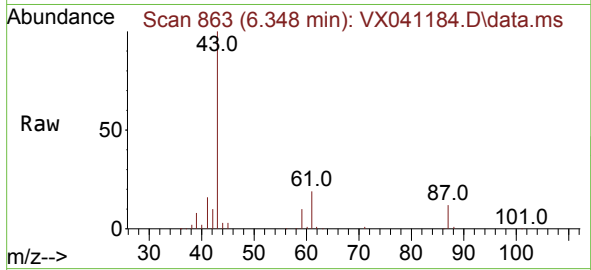




#43
Isopropyl Acetate
Concen: 19.702 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

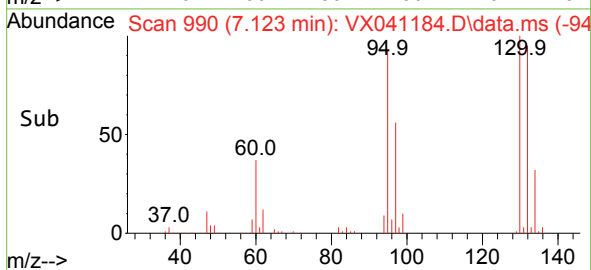
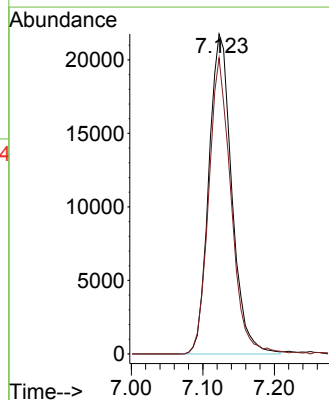
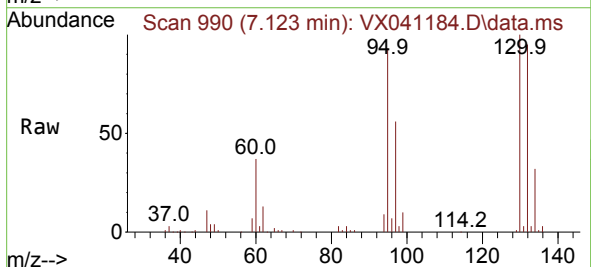
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

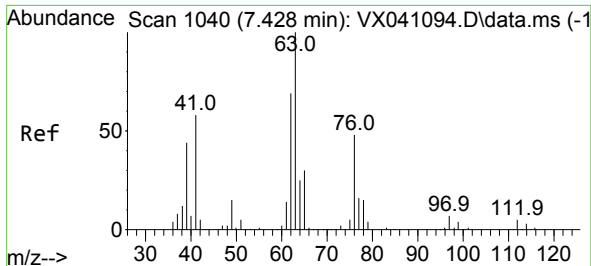
Tgt Ion: 43 Resp: 95365
Ion Ratio Lower Upper
43 100
61 20.1 15.2 22.8
87 14.1 9.8 14.6



#44
Trichloroethene
Concen: 19.787 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

Tgt Ion: 130 Resp: 48660
Ion Ratio Lower Upper
130 100
95 92.5 0.0 204.4

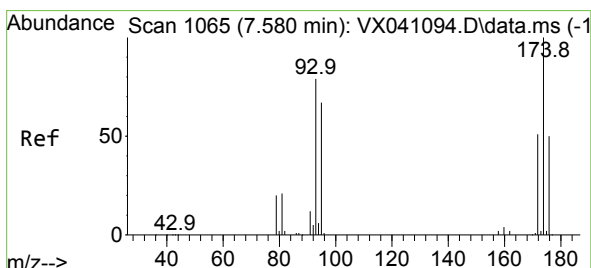
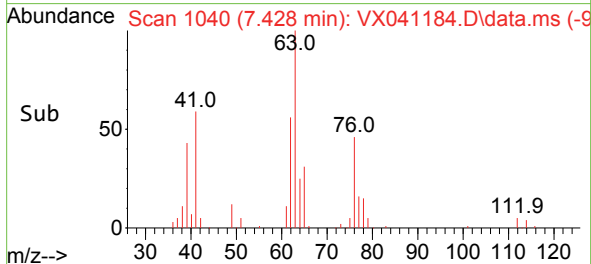
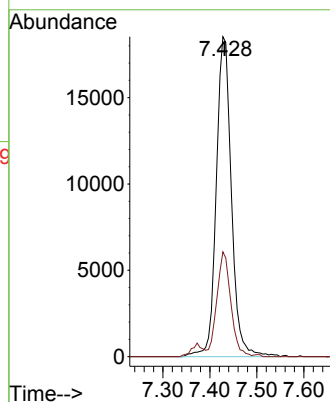
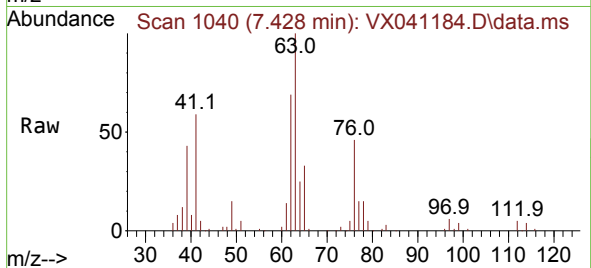




#45
1,2-Dichloropropane
Concen: 20.454 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

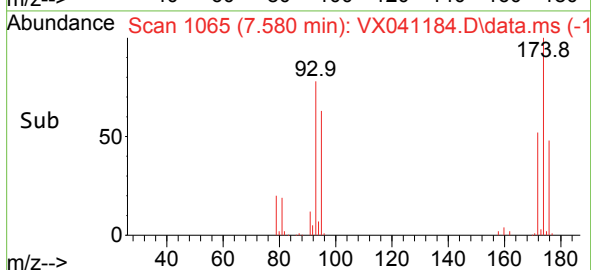
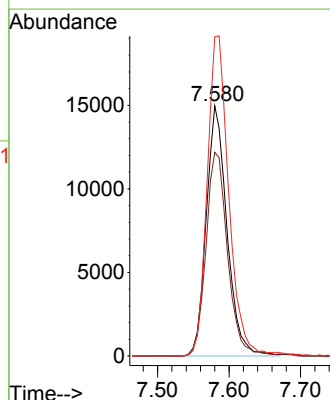
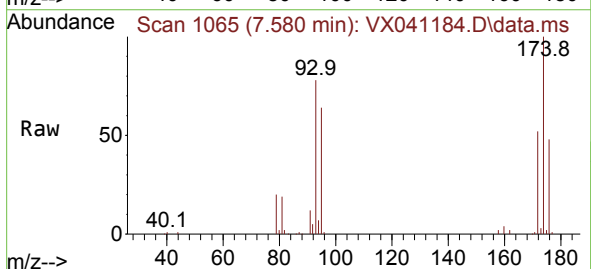
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

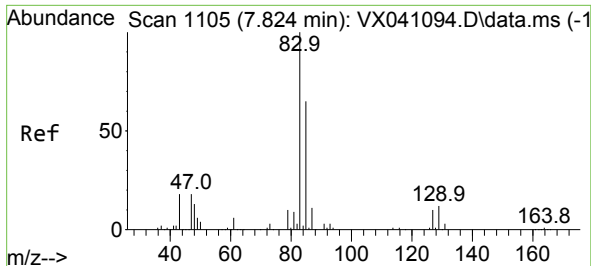
Tgt Ion: 63 Resp: 41482
Ion Ratio Lower Upper
63 100
65 32.7 24.3 36.5



#46
Dibromomethane
Concen: 19.950 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

Tgt Ion: 93 Resp: 30169
Ion Ratio Lower Upper
93 100
95 84.5 66.6 100.0
174 133.9 69.4 104.0#

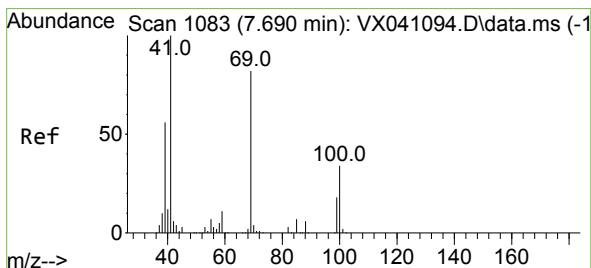
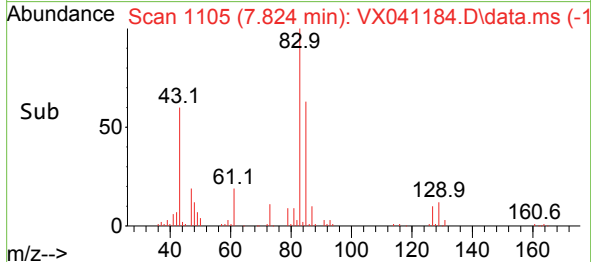
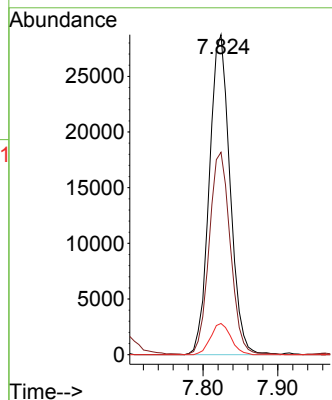
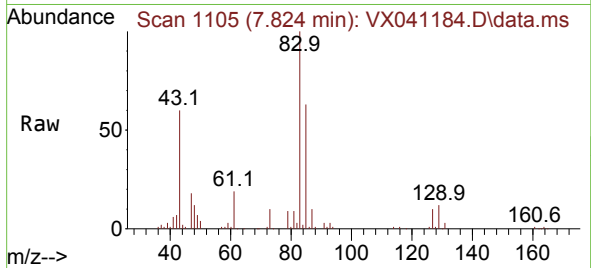




#47
Bromodichloromethane
Concen: 19.797 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

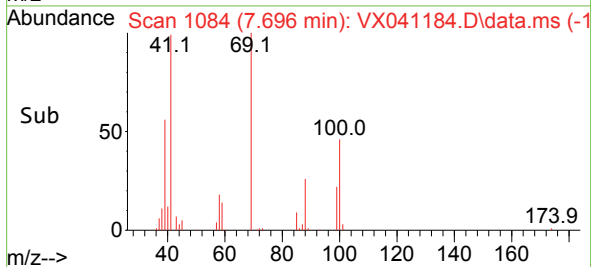
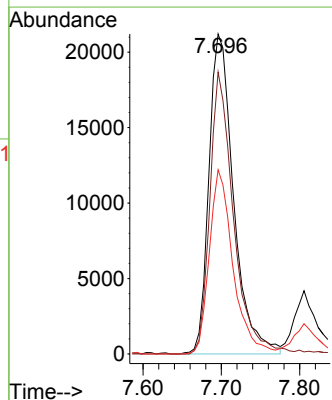
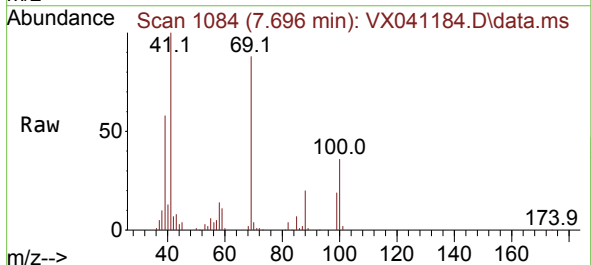
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

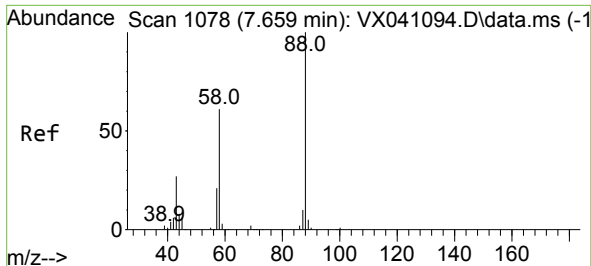
Tgt Ion: 83 Resp: 55185
Ion Ratio Lower Upper
83 100
85 63.0 49.8 74.6
127 9.7 7.1 10.7



#48
Methyl methacrylate
Concen: 20.296 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

Tgt Ion: 41 Resp: 46467
Ion Ratio Lower Upper
41 100
69 84.3 59.2 88.8
39 55.2 47.7 71.5





#49

1,4-Dioxane

Concen: 374.365 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. 0.006 min

Lab File: VX041184.D

Acq: 22 Apr 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

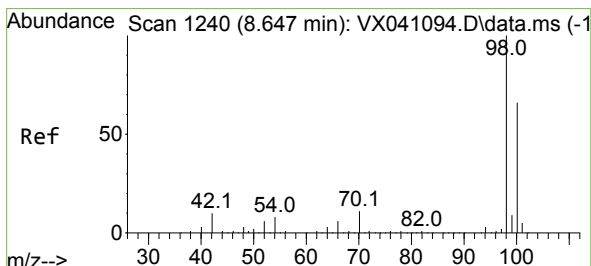
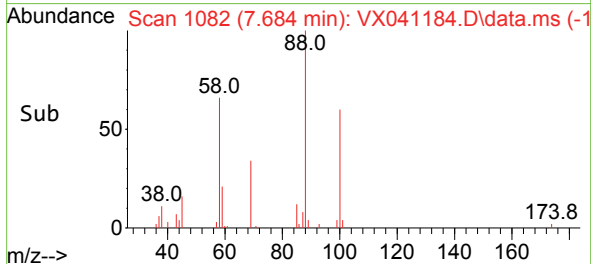
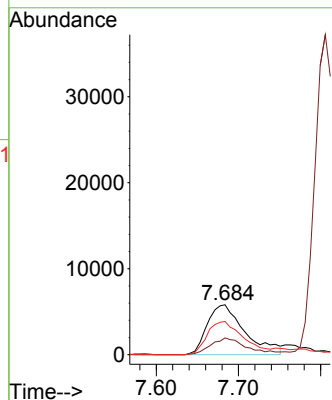
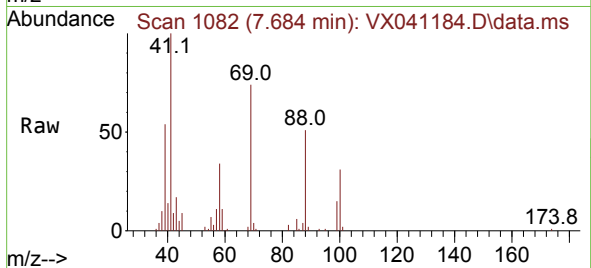
Tgt Ion: 88 Resp: 18448

Ion Ratio Lower Upper

88 100

43 32.1 0.0 0.0#

58 64.2 60.1 90.1



#50

Toluene-d8

Concen: 17.912 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041184.D

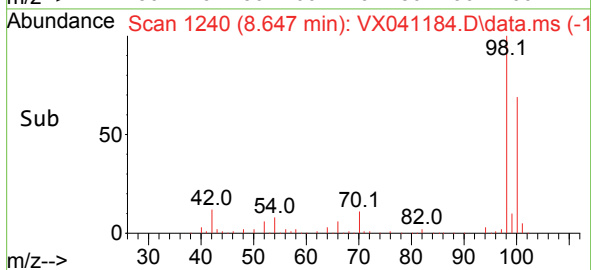
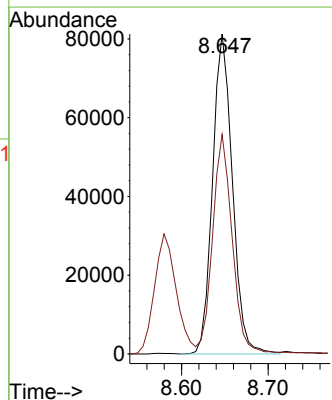
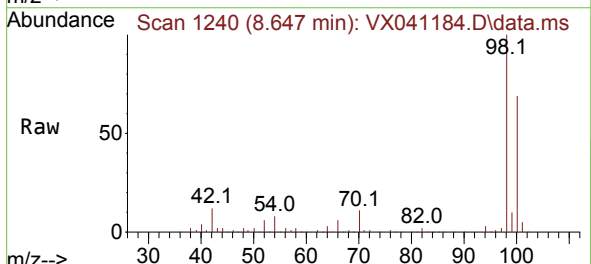
Acq: 22 Apr 2024 11:43

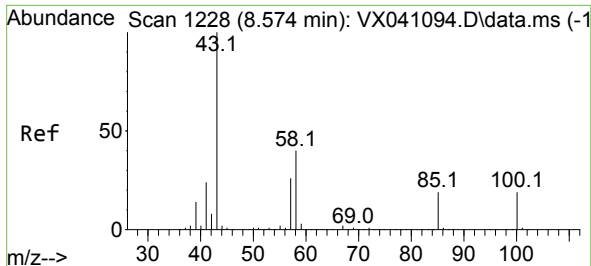
Tgt Ion: 98 Resp: 129358

Ion Ratio Lower Upper

98 100

100 67.7 53.1 79.7

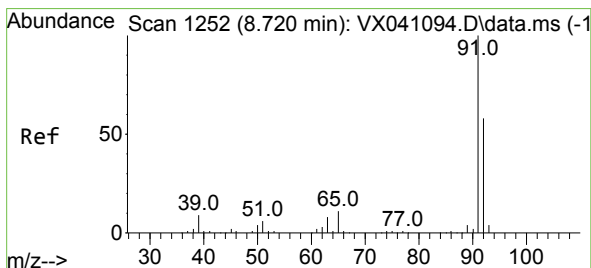
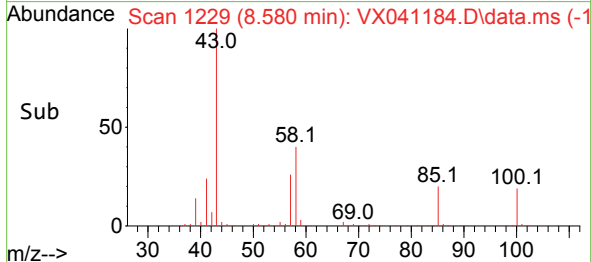
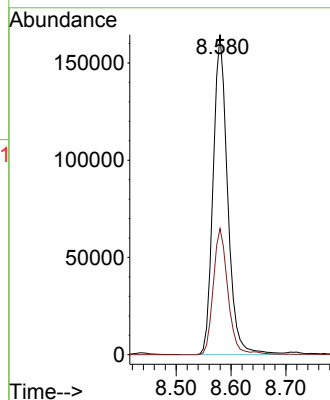
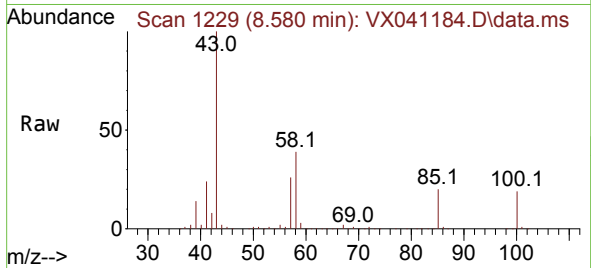




#51
4-Methyl-2-Pentanone
Concen: 99.410 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

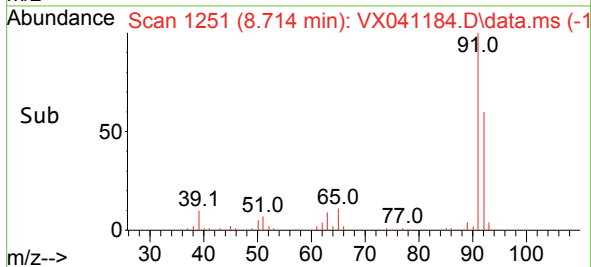
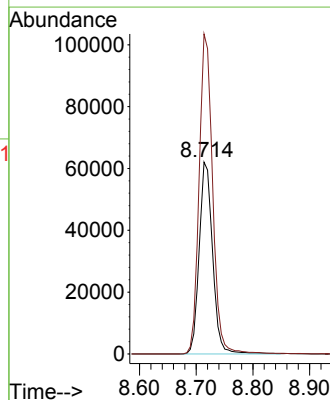
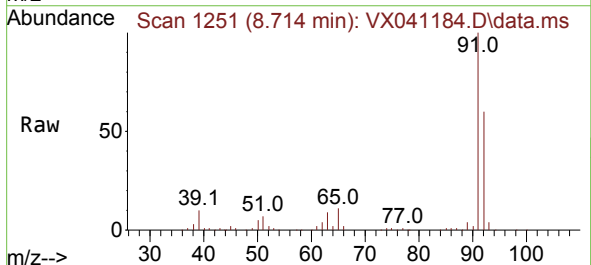
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

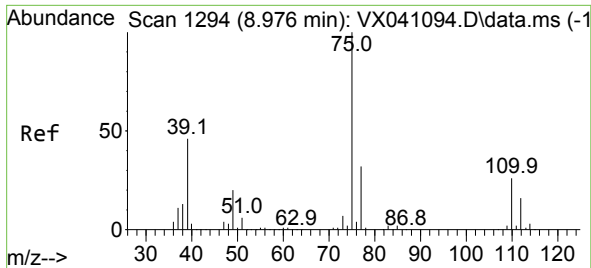
Tgt Ion: 43 Resp: 301191
Ion Ratio Lower Upper
43 100
58 40.2 30.4 45.6



#52
Toluene
Concen: 19.168 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

Tgt Ion: 92 Resp: 102163
Ion Ratio Lower Upper
92 100
91 167.8 134.2 201.2

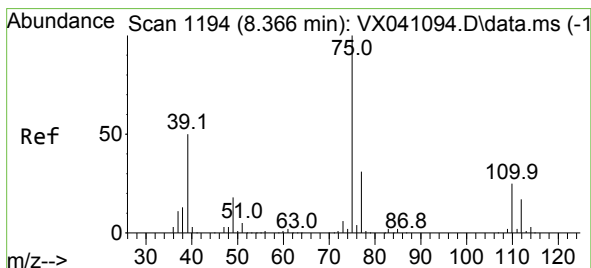
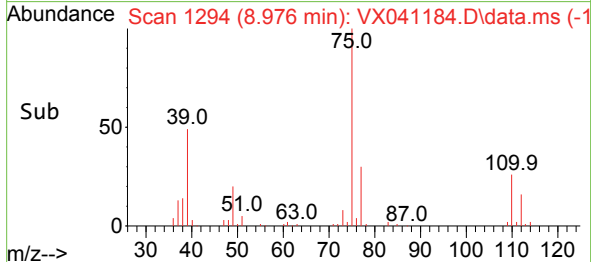
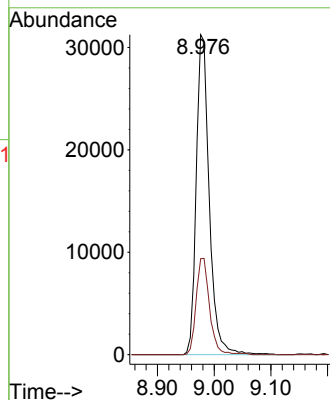
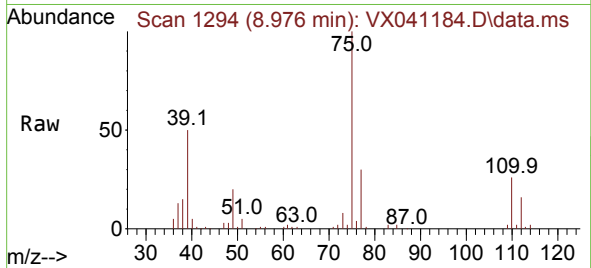




#53
 t-1,3-Dichloropropene
 Concen: 18.207 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX041184.D
 Acq: 22 Apr 2024 11:43

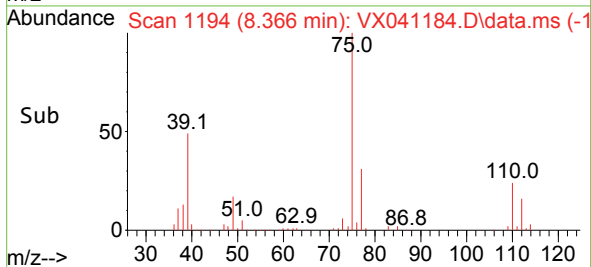
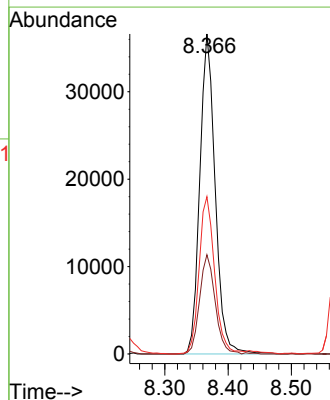
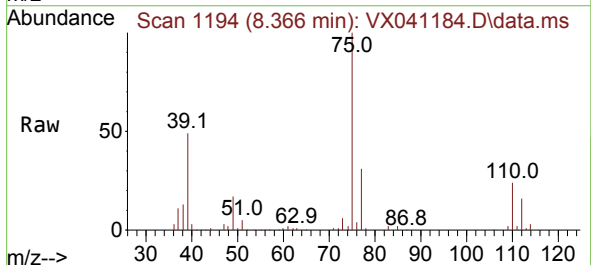
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

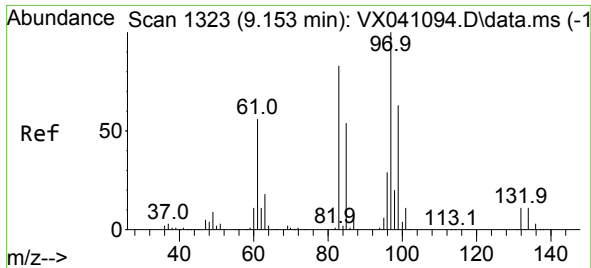
Tgt Ion: 75 Resp: 49783
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 19.928 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX041184.D
 Acq: 22 Apr 2024 11:43

Tgt Ion: 75 Resp: 61942
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.3 37.9
 39 49.2 46.7 70.1

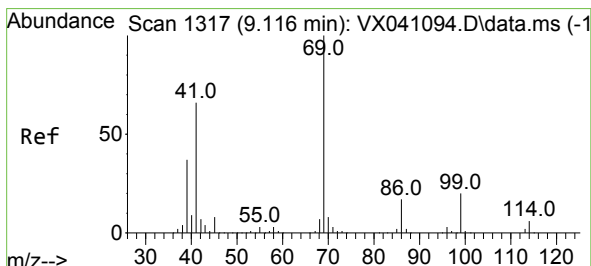
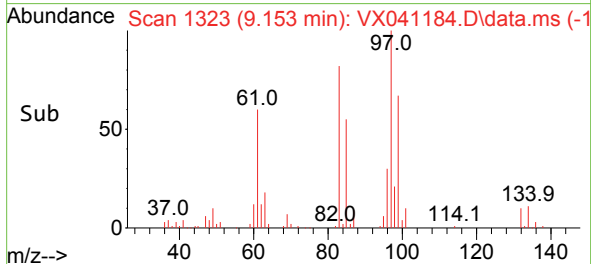
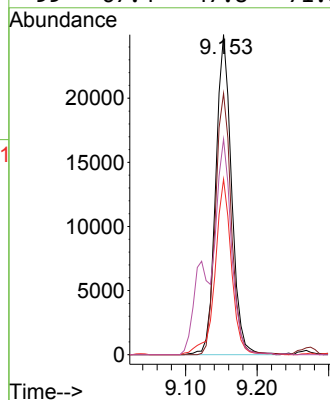
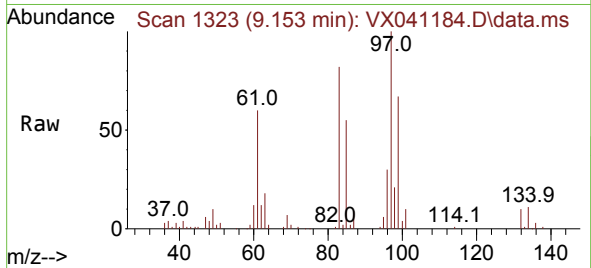




#55
 1,1,2-Trichloroethane
 Concen: 18.429 ug/l
 RT: 9.153 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX041184.D
 Acq: 22 Apr 2024 11:43

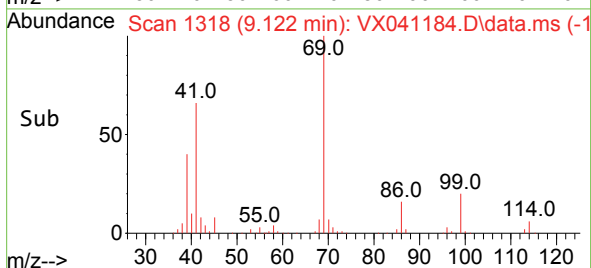
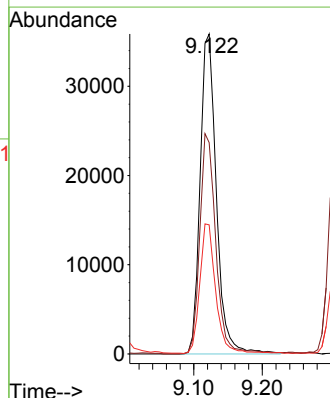
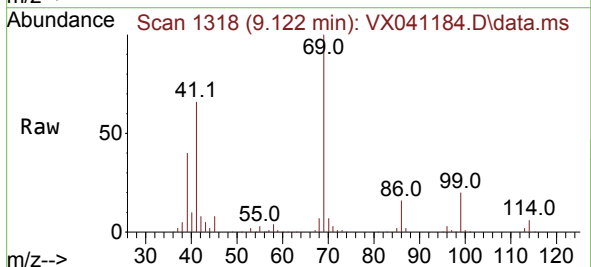
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

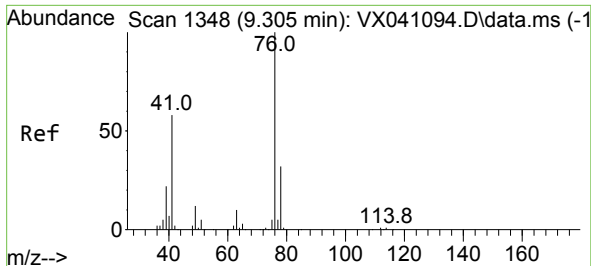
Tgt Ion: 97	Resp: 38327
Ion Ratio	Lower Upper
97 100	
83 81.7	65.8 98.8
85 54.8	41.6 62.4
99 67.4	47.8 71.8



#56
 Ethyl methacrylate
 Concen: 18.650 ug/l
 RT: 9.122 min Scan# 1318
 Delta R.T. 0.000 min
 Lab File: VX041184.D
 Acq: 22 Apr 2024 11:43

Tgt Ion: 69	Resp: 59296
Ion Ratio	Lower Upper
69 100	
41 68.4	56.8 85.2
39 39.6	32.0 48.0





#57

1,3-Dichloropropane

Concen: 18.374 ug/l

RT: 9.305 min Scan# 111

Delta R.T. -0.006 min

Lab File: VX041184.D

Acq: 22 Apr 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

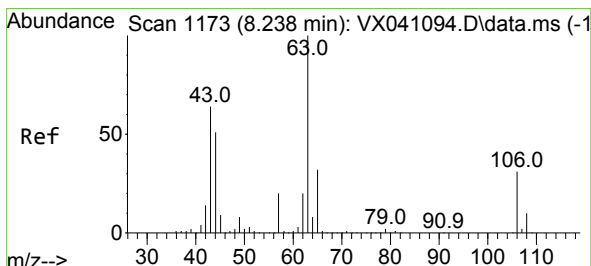
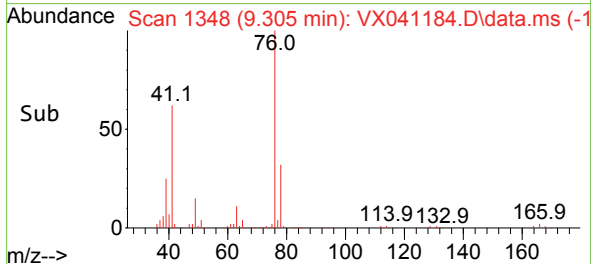
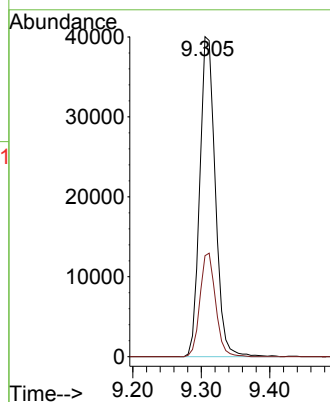
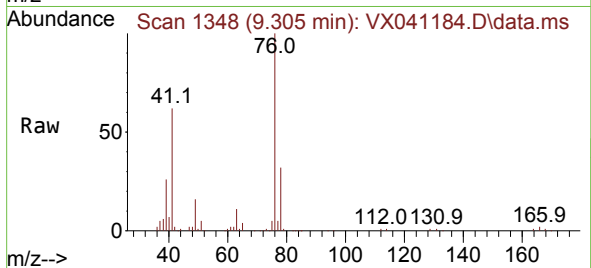
VSTDICC020

Tgt Ion: 76 Resp: 63254

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 94.426 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX041184.D

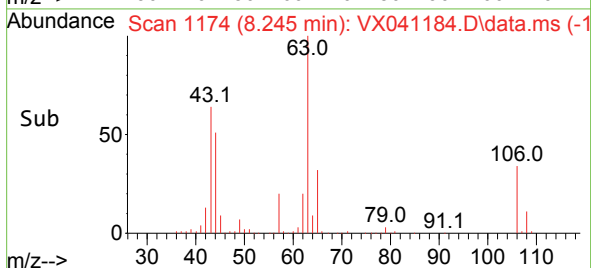
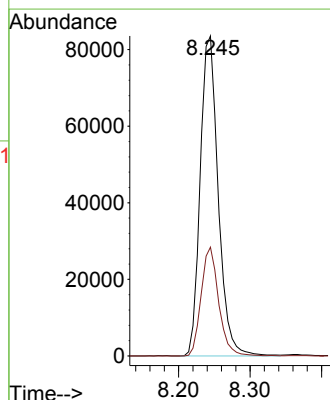
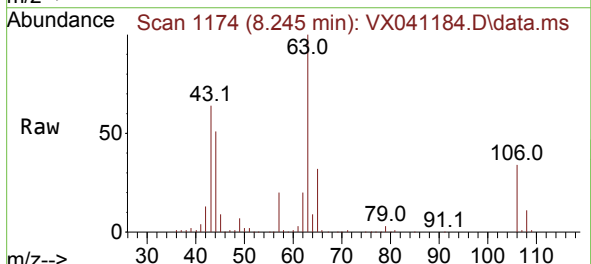
Acq: 22 Apr 2024 11:43

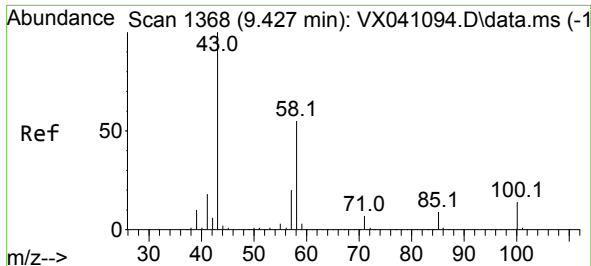
Tgt Ion: 63 Resp: 146114

Ion Ratio Lower Upper

63 100

106 33.2 22.5 33.7





#59

2-Hexanone

Concen: 95.312 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX041184.D

Acq: 22 Apr 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

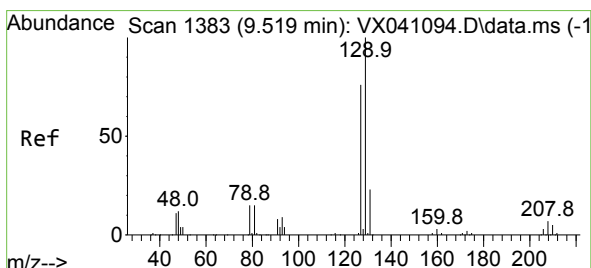
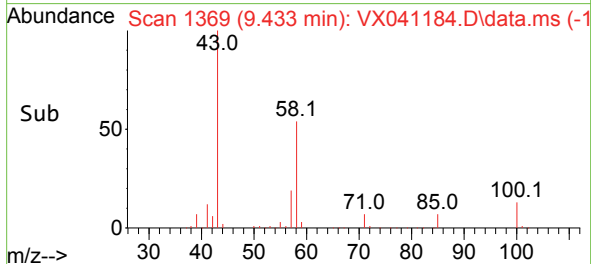
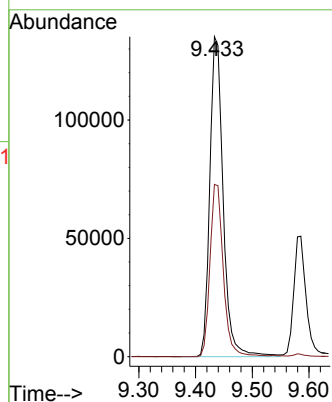
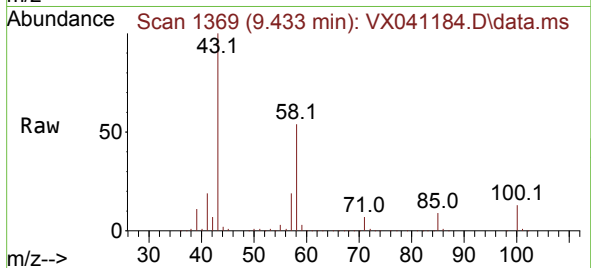
VSTDIC020

Tgt Ion: 43 Resp: 221445

Ion Ratio Lower Upper

43 100

58 53.8 26.2 78.5



#60

Dibromochloromethane

Concen: 18.501 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX041184.D

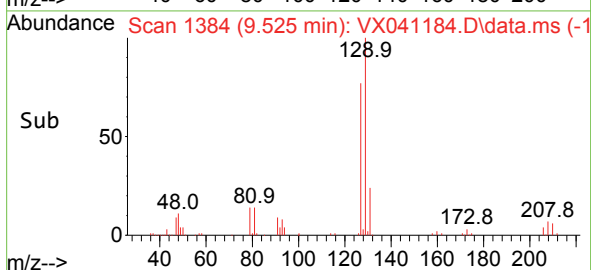
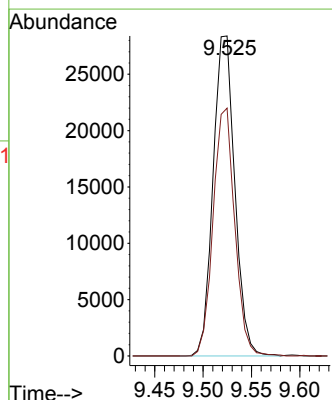
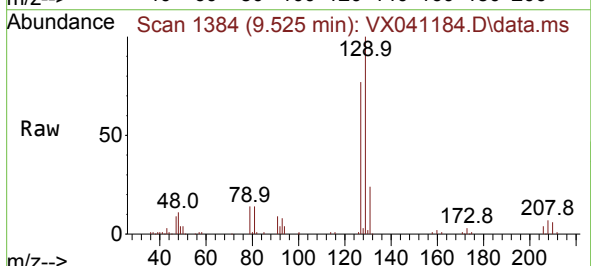
Acq: 22 Apr 2024 11:43

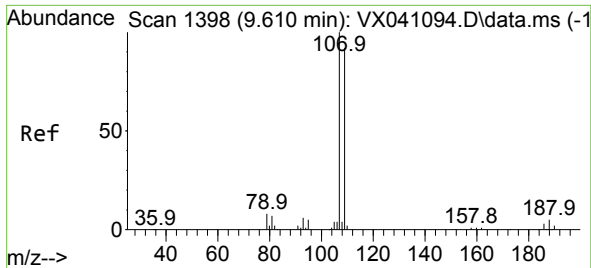
Tgt Ion: 129 Resp: 44417

Ion Ratio Lower Upper

129 100

127 77.0 38.8 116.4

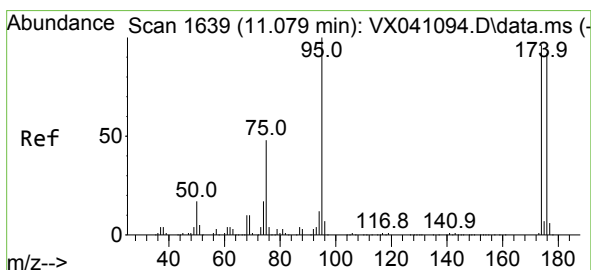
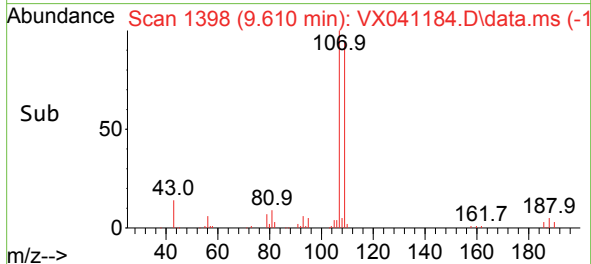
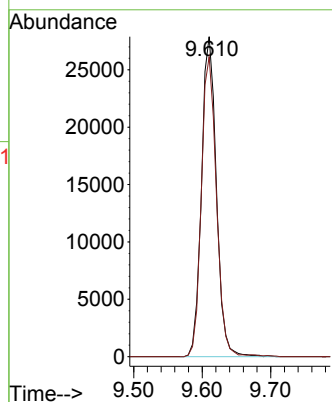
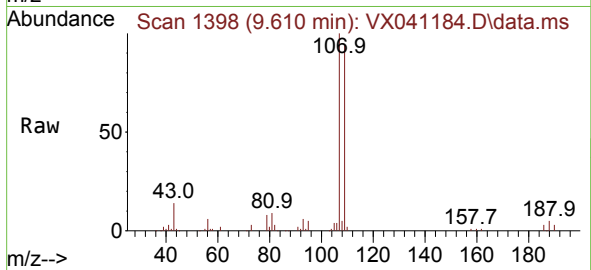




#61
1,2-Dibromoethane
Concen: 18.875 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

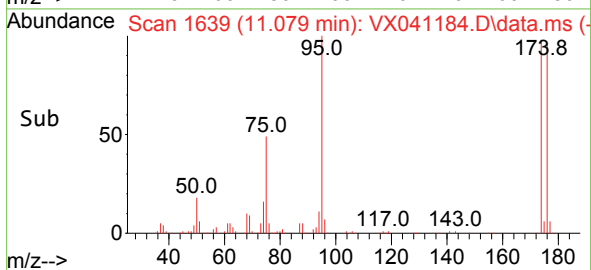
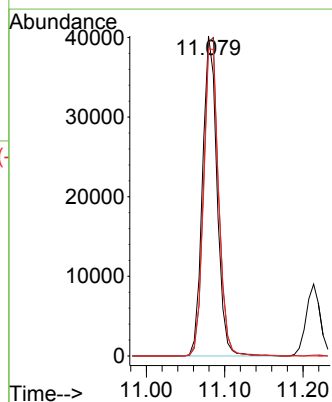
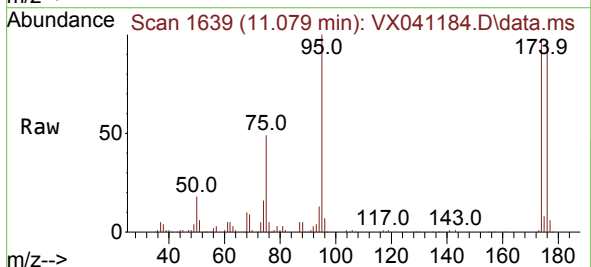
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

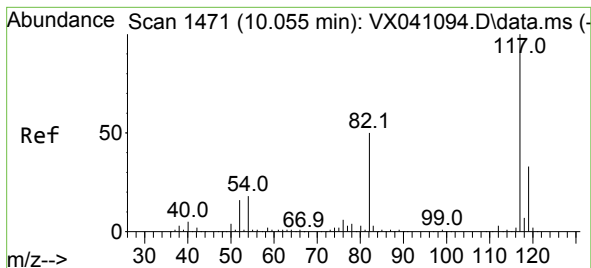
Tgt Ion:107 Resp: 42115
Ion Ratio Lower Upper
107 100
109 94.6 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 19.384 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

Tgt Ion: 95 Resp: 51668
Ion Ratio Lower Upper
95 100
174 101.9 0.0 135.6
176 99.9 0.0 131.0

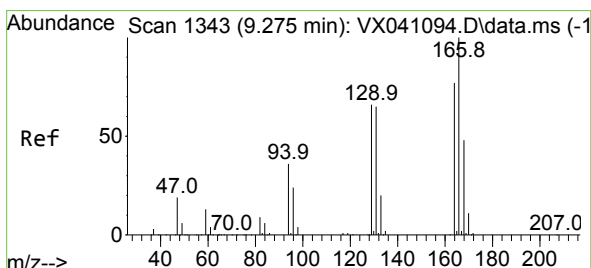
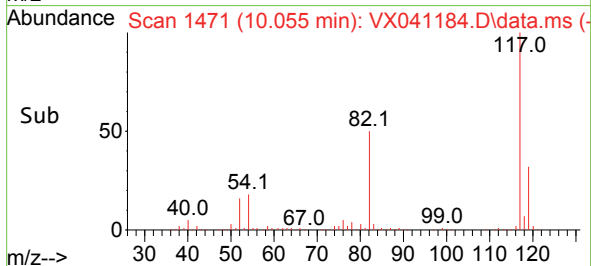
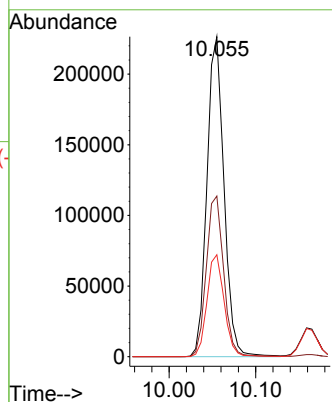
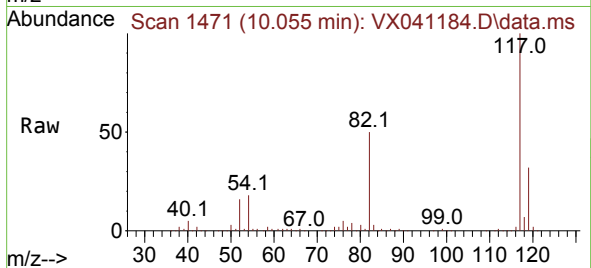




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

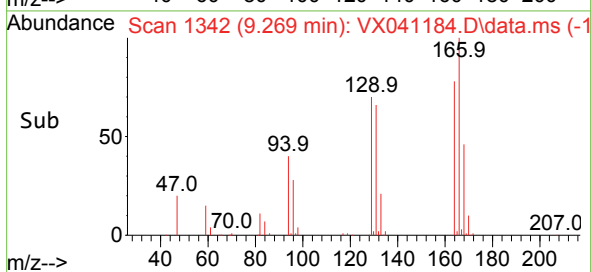
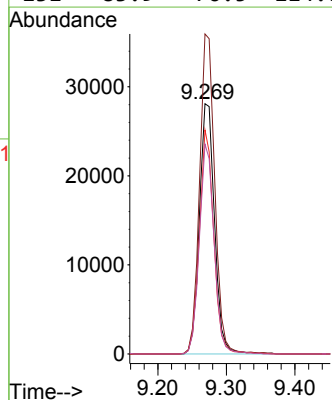
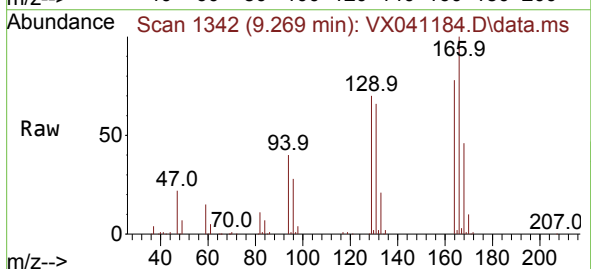
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

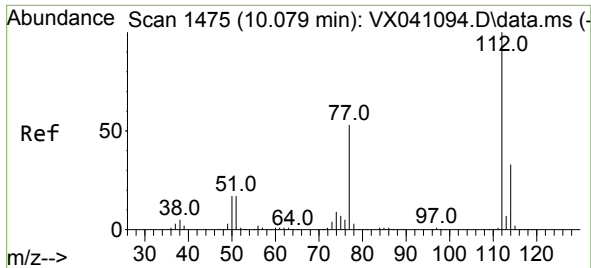
Tgt Ion:117 Resp: 309890
Ion Ratio Lower Upper
117 100
82 50.2 46.2 69.4
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 18.207 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

Tgt Ion:164 Resp: 43273
Ion Ratio Lower Upper
164 100
166 127.9 102.7 154.1
129 89.6 80.4 120.6
131 83.9 76.5 114.7

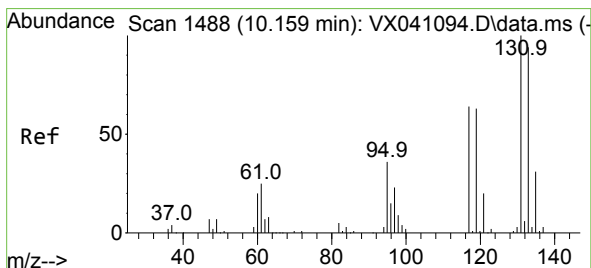
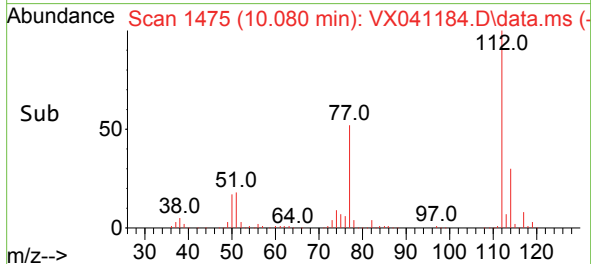
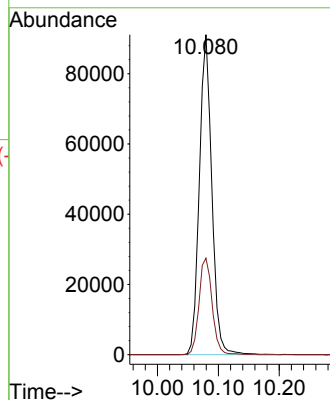
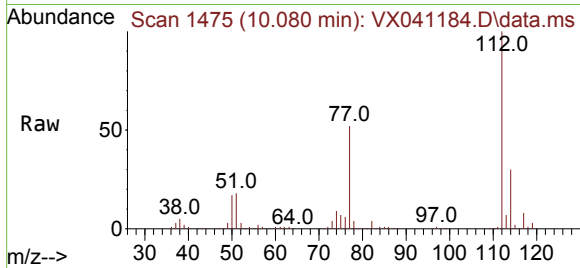




#65
Chlorobenzene
Concen: 20.288 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

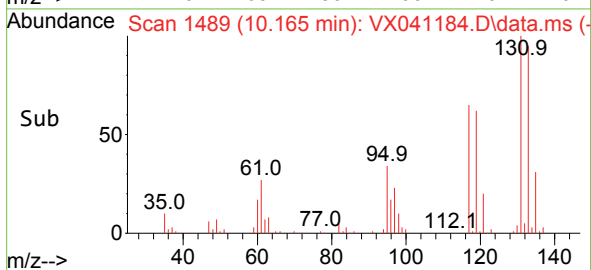
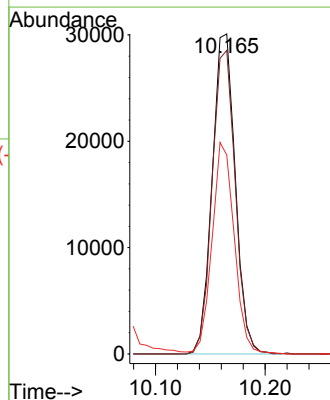
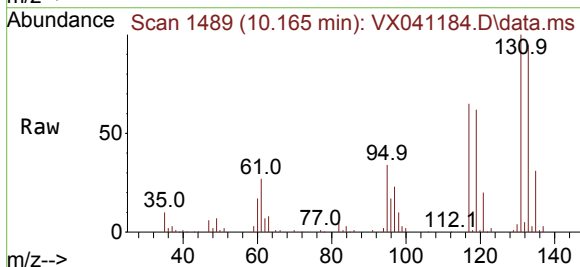
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

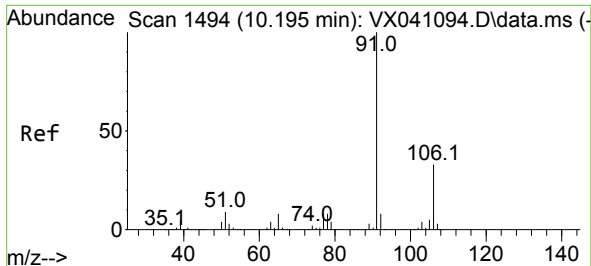
Tgt Ion:112 Resp: 129387
Ion Ratio Lower Upper
112 100
114 30.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.169 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

Tgt Ion:131 Resp: 44059
Ion Ratio Lower Upper
131 100
133 95.0 47.1 141.4
119 63.7 32.2 96.6

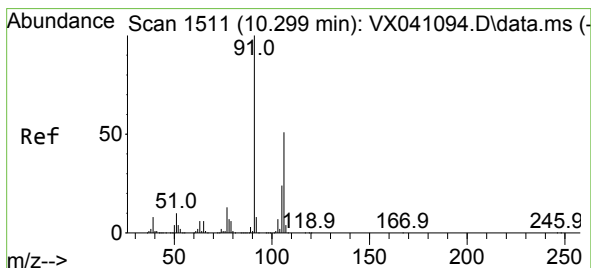
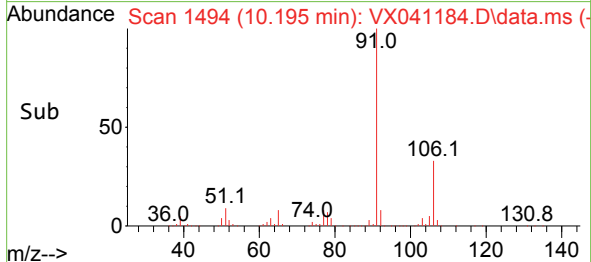
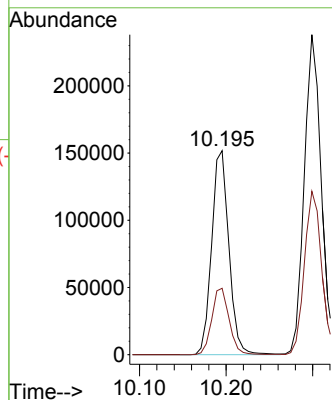
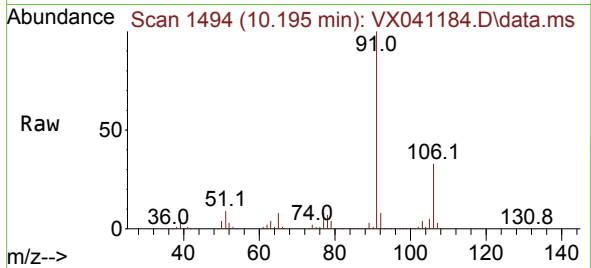




#67
Ethyl Benzene
Concen: 20.615 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

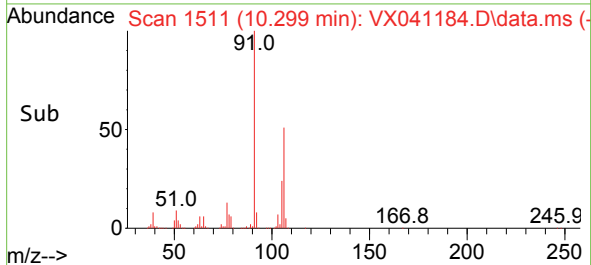
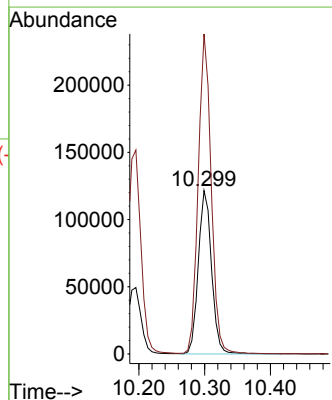
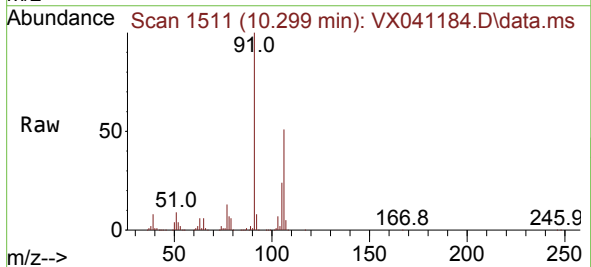
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

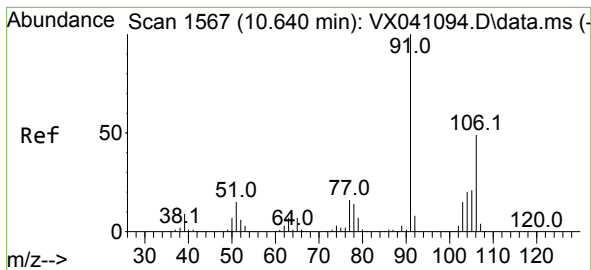
Tgt Ion: 91 Resp: 209811
Ion Ratio Lower Upper
91 100
106 32.6 24.9 37.3



#68
m/p-Xylenes
Concen: 41.422 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

Tgt Ion: 106 Resp: 170188
Ion Ratio Lower Upper
106 100
91 192.1 165.5 248.3

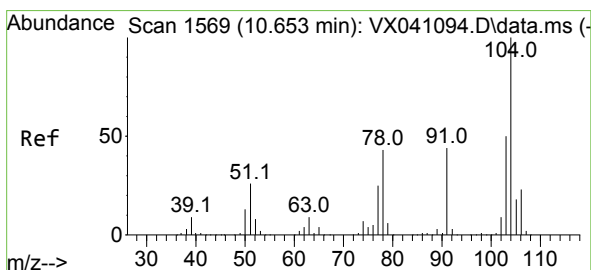
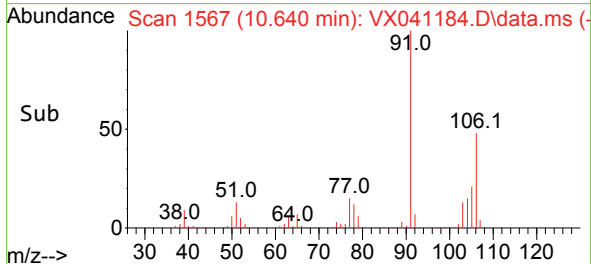
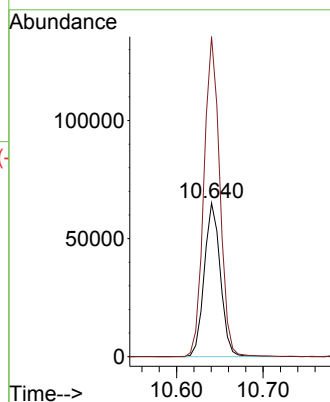
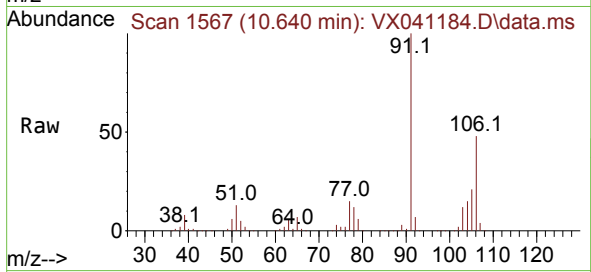




#69
o-Xylene
Concen: 21.046 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

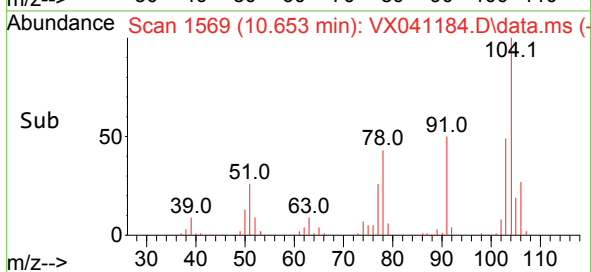
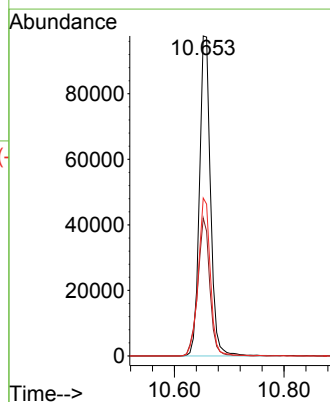
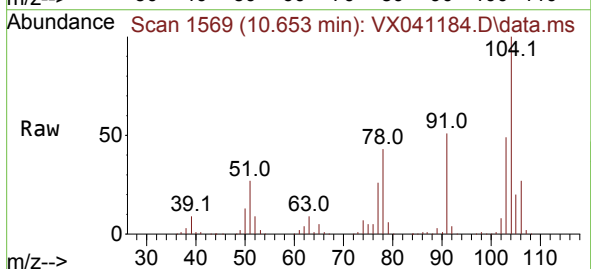
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

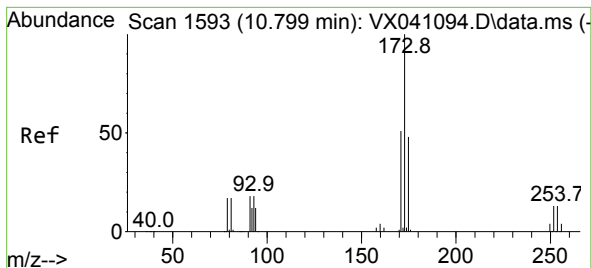
Tgt Ion:106 Resp: 84102
Ion Ratio Lower Upper
106 100
91 205.6 108.9 326.8



#70
Styrene
Concen: 21.146 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

Tgt Ion:104 Resp: 137470
Ion Ratio Lower Upper
104 100
78 46.8 43.6 65.4
103 53.8 43.6 65.4





#71

Bromoform

Concen: 19.738 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX041184.D

Acq: 22 Apr 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

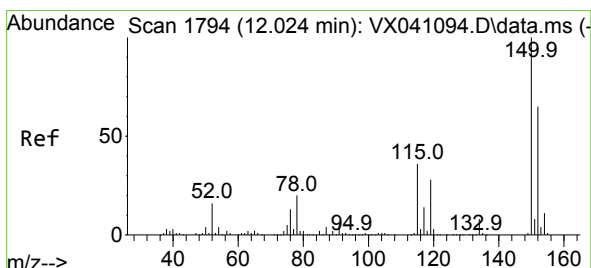
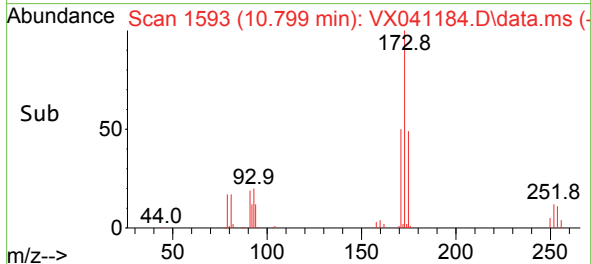
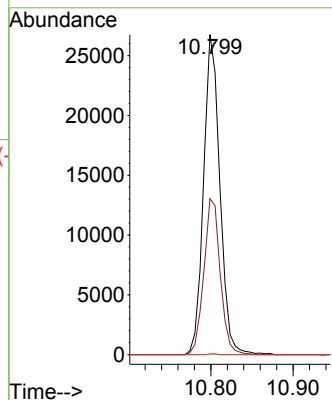
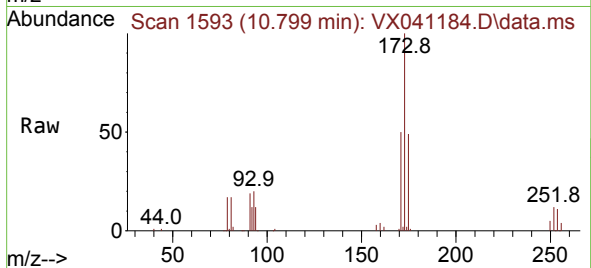
Tgt Ion:173 Resp: 36863

Ion Ratio Lower Upper

173 100

175 49.1 24.1 72.4

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX041184.D

Acq: 22 Apr 2024 11:43

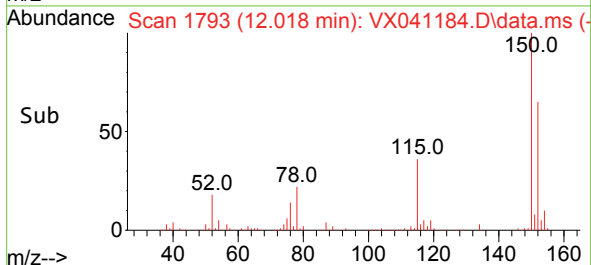
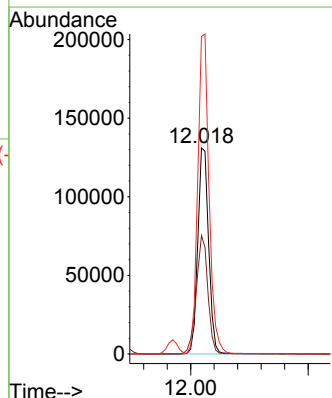
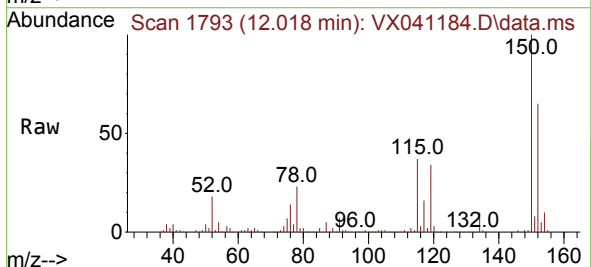
Tgt Ion:152 Resp: 168095

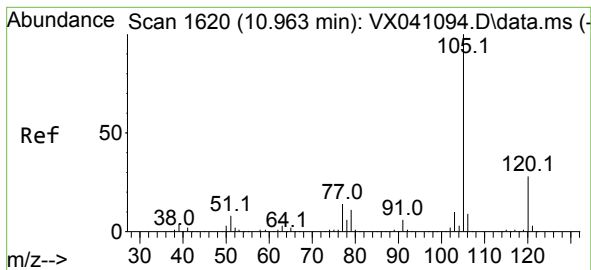
Ion Ratio Lower Upper

152 100

115 61.2 43.3 129.9

150 161.7 0.0 345.0





#73

Isopropylbenzene

Concen: 20.906 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041184.D

Acq: 22 Apr 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

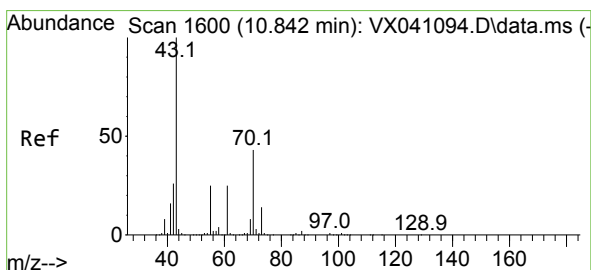
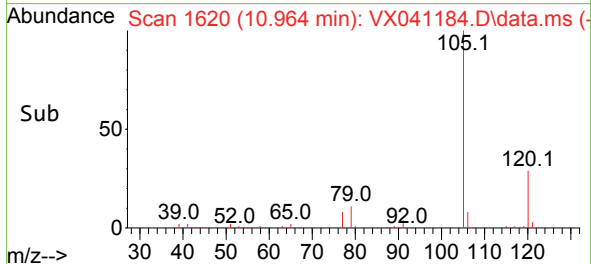
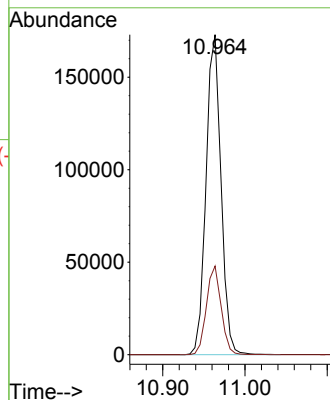
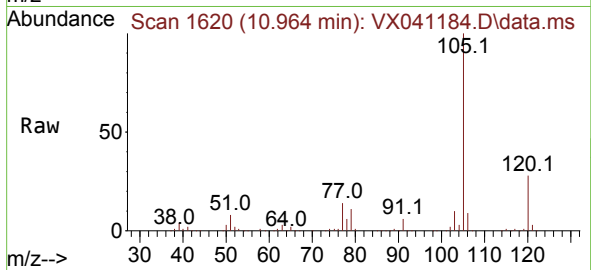
VSTDIC020

Tgt Ion:105 Resp: 218652

Ion Ratio Lower Upper

105 100

120 27.2 12.9 38.6



#74

N-ethyl acetate

Concen: 20.264 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041184.D

Acq: 22 Apr 2024 11:43

Tgt Ion: 43 Resp: 83293

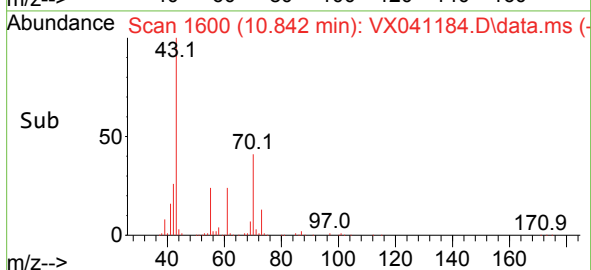
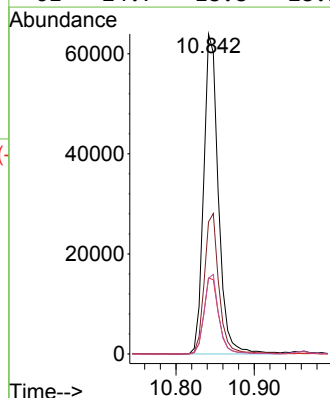
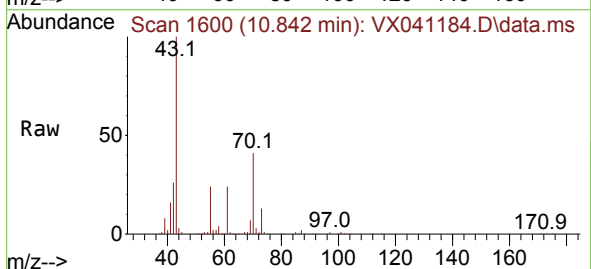
Ion Ratio Lower Upper

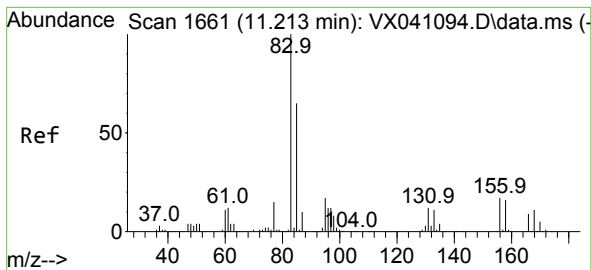
43 100

70 43.7 32.9 49.3

55 24.4 19.3 28.9

61 24.7 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.256 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041184.D

Acq: 22 Apr 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

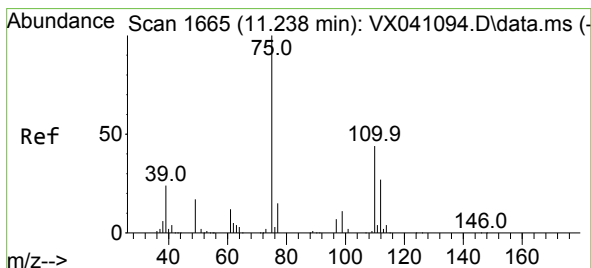
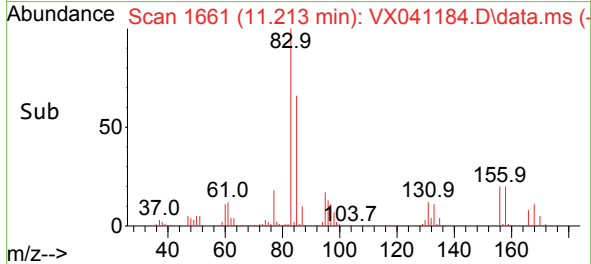
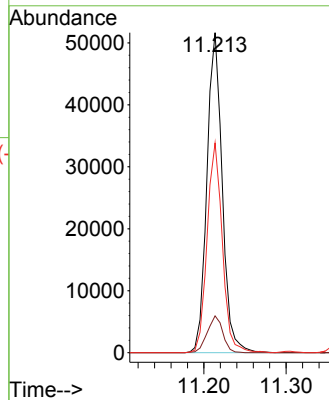
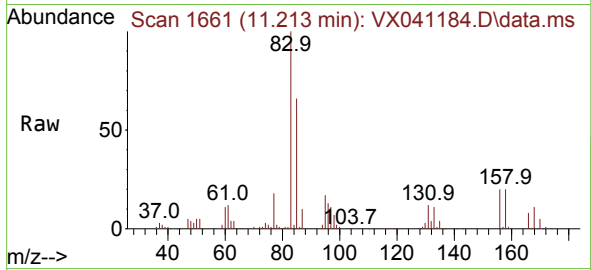
Tgt Ion: 83 Resp: 66812

Ion Ratio Lower Upper

83 100

131 11.6 5.3 15.8

85 65.2 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 26.168 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX041184.D

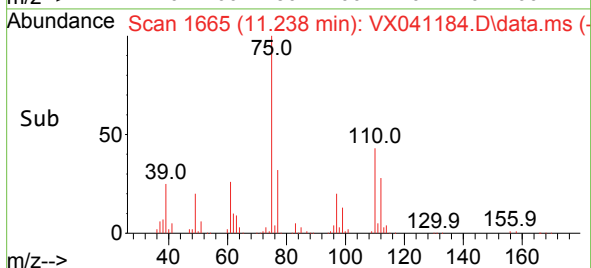
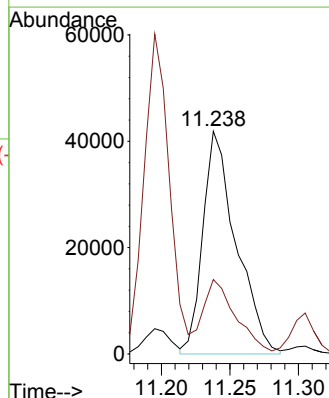
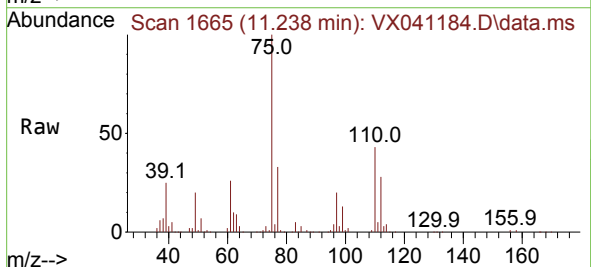
Acq: 22 Apr 2024 11:43

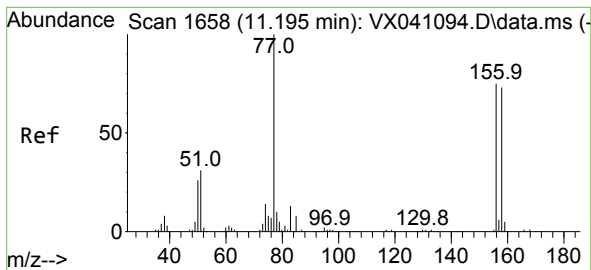
Tgt Ion: 75 Resp: 70871

Ion Ratio Lower Upper

75 100

77 33.2 19.1 57.5





#77

Bromobenzene

Concen: 20.182 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX041184.D

Acq: 22 Apr 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

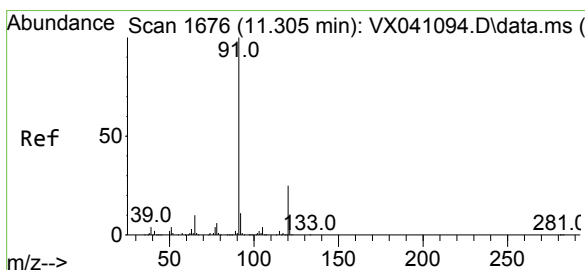
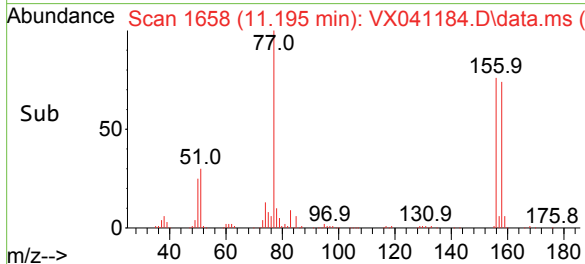
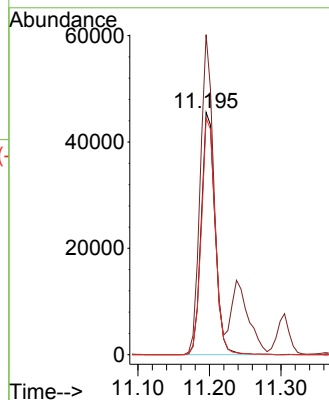
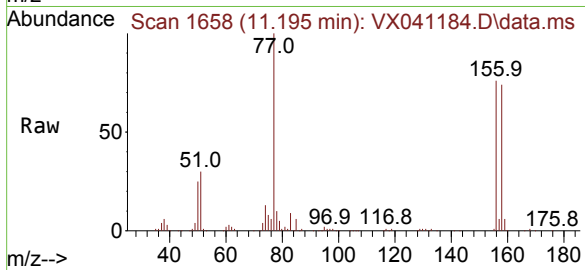
Tgt Ion:156 Resp: 61426

Ion Ratio Lower Upper

156 100

77 126.7 88.4 265.3

158 97.9 48.0 144.0



#78

n-propylbenzene

Concen: 20.570 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX041184.D

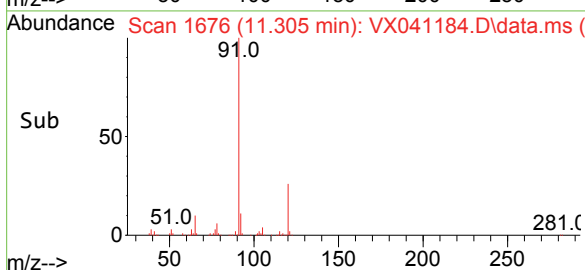
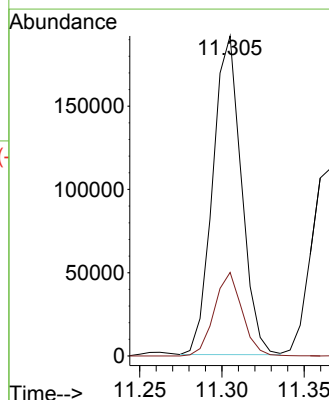
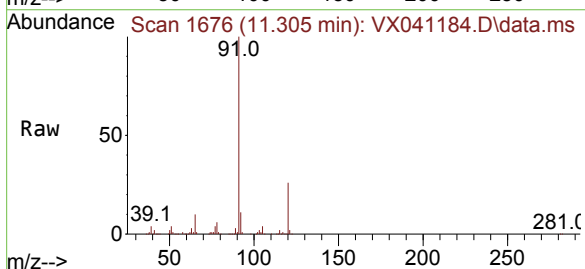
Acq: 22 Apr 2024 11:43

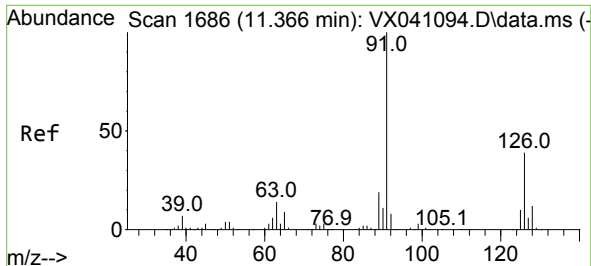
Tgt Ion: 91 Resp: 232302

Ion Ratio Lower Upper

91 100

120 25.4 11.5 34.4

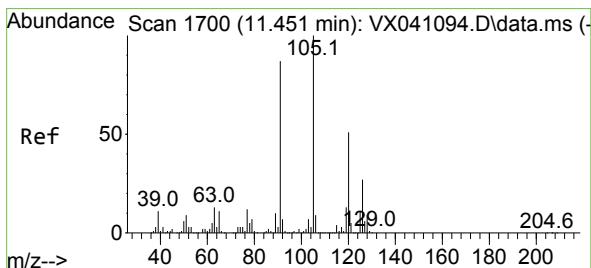
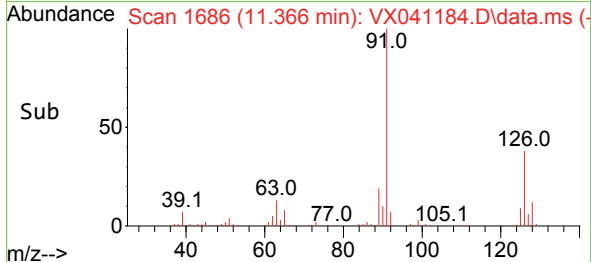
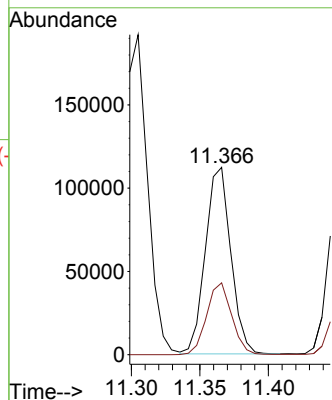
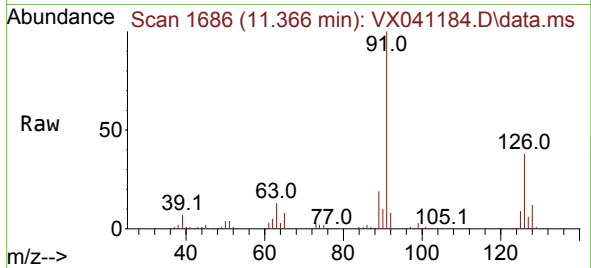




#79
2-Chlorotoluene
Concen: 20.251 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

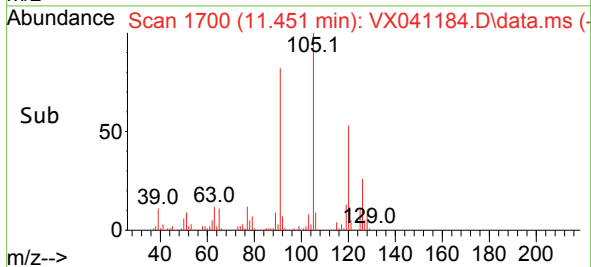
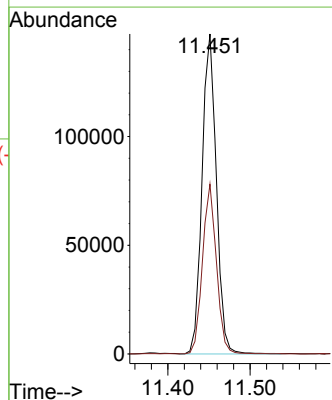
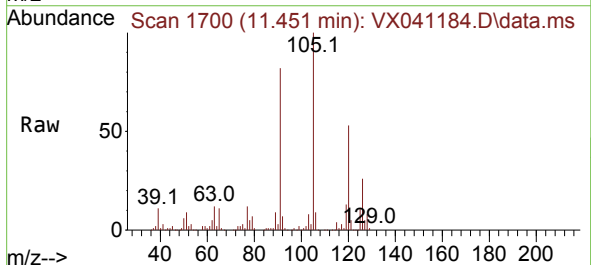
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

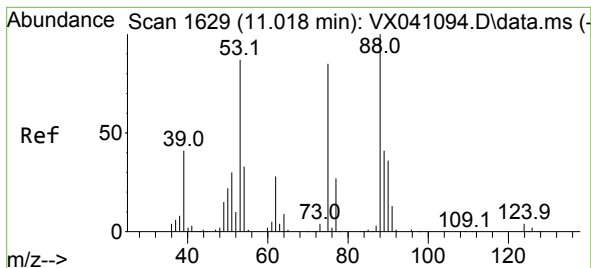
Tgt Ion: 91 Resp: 144724
Ion Ratio Lower Upper
91 100
126 38.1 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 20.531 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

Tgt Ion: 105 Resp: 178647
Ion Ratio Lower Upper
105 100
120 51.6 24.1 72.3

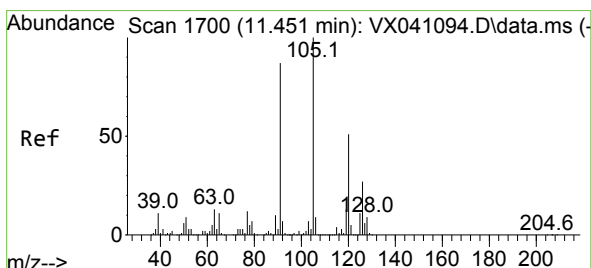
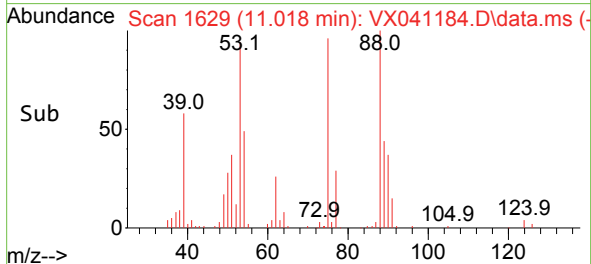
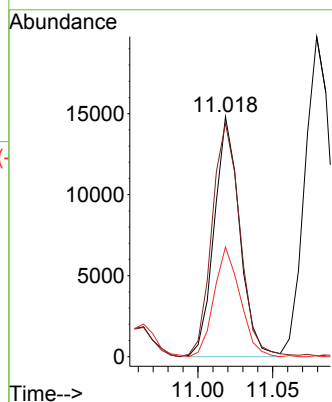
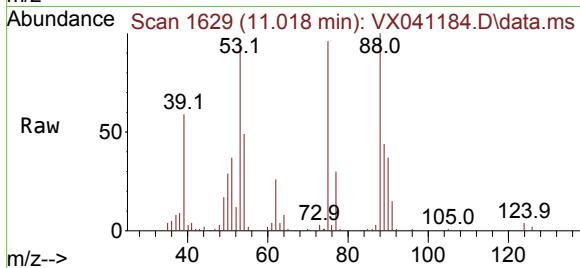




#81
trans-1,4-Dichloro-2-butene
Concen: 18.353 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

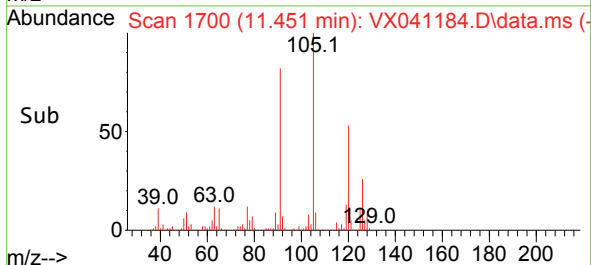
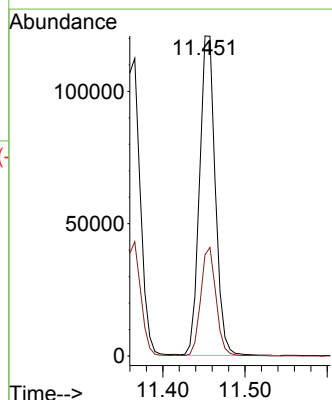
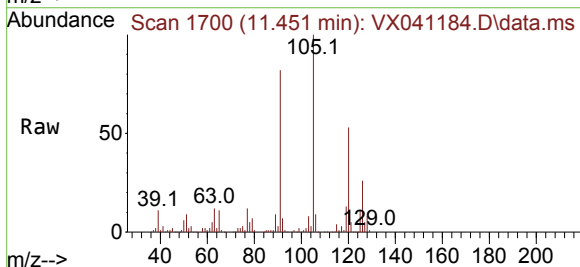
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

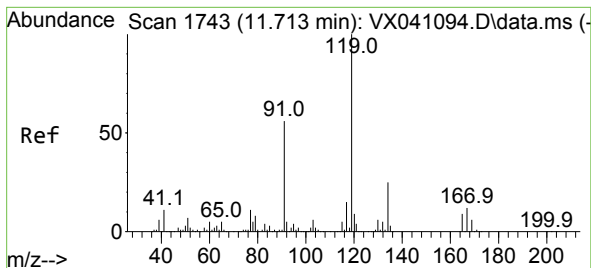
Tgt Ion: 75 Resp: 17618
Ion Ratio Lower Upper
75 100
53 107.9 90.5 135.7
89 46.7 36.9 55.3



#82
4-Chlorotoluene
Concen: 19.891 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

Tgt Ion: 91 Resp: 161086
Ion Ratio Lower Upper
91 100
126 33.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 20.625 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041184.D

Acq: 22 Apr 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

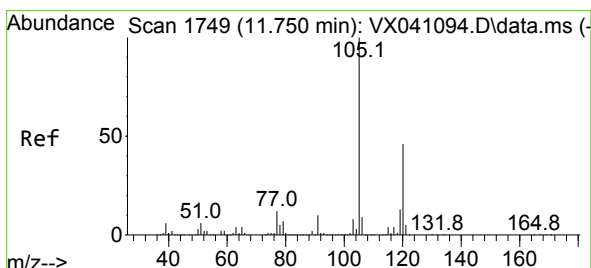
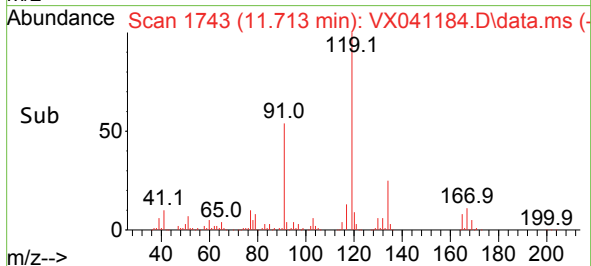
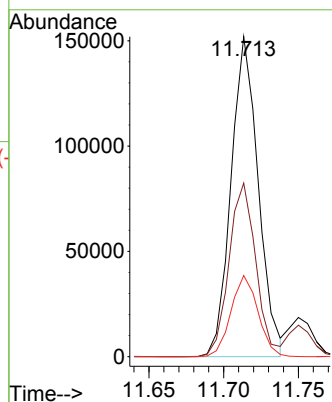
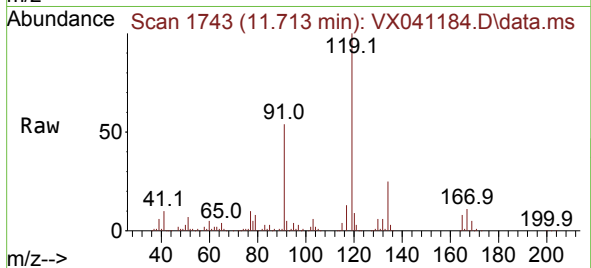
Tgt Ion:119 Resp: 192183

Ion Ratio Lower Upper

119 100

91 53.7 31.2 93.6

134 25.2 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 21.045 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041184.D

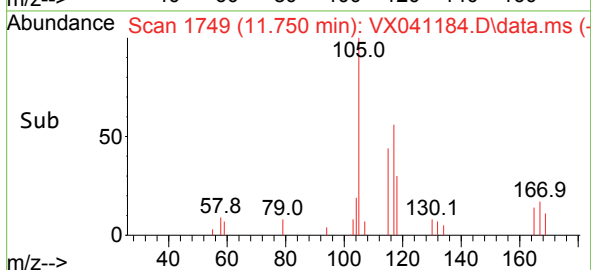
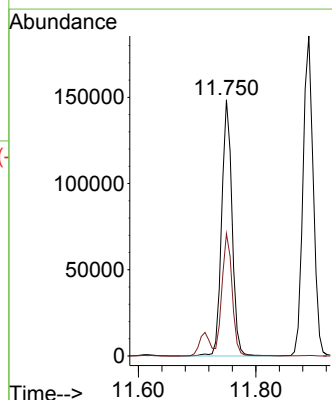
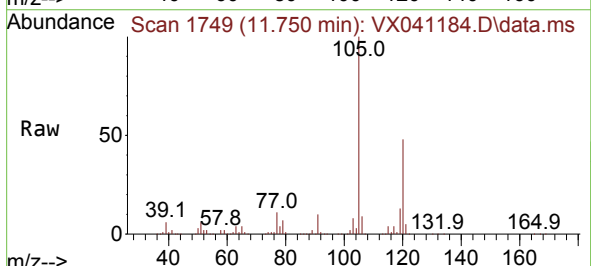
Acq: 22 Apr 2024 11:43

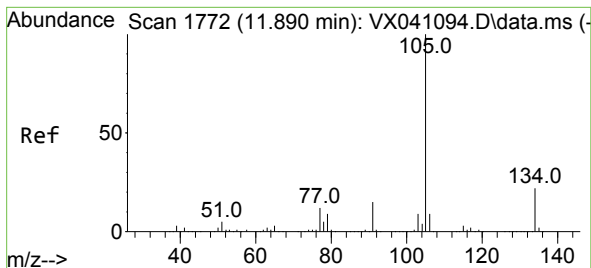
Tgt Ion:105 Resp: 181745

Ion Ratio Lower Upper

105 100

120 46.4 21.2 63.6





#85

sec-Butylbenzene

Concen: 20.800 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX041184.D

Acq: 22 Apr 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

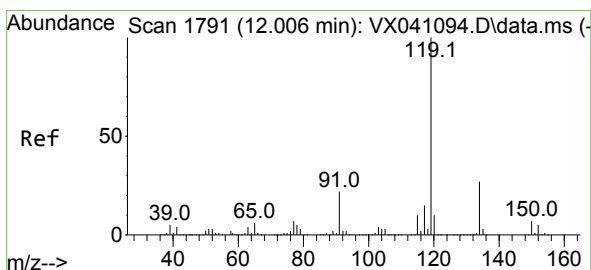
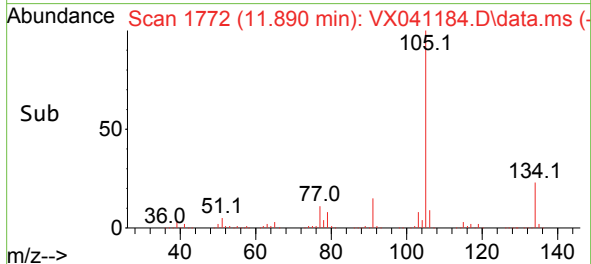
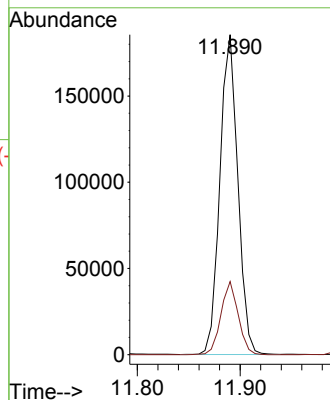
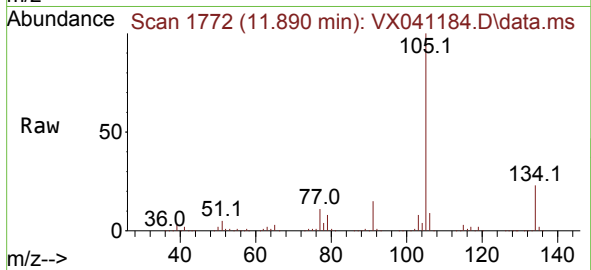
VSTDIC020

Tgt Ion:105 Resp: 223808

Ion Ratio Lower Upper

105 100

134 22.1 9.8 29.4



#86

p-Isopropyltoluene

Concen: 20.673 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX041184.D

Acq: 22 Apr 2024 11:43

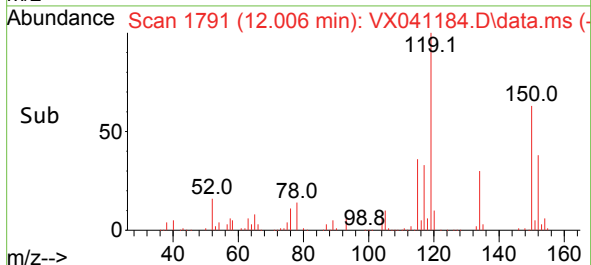
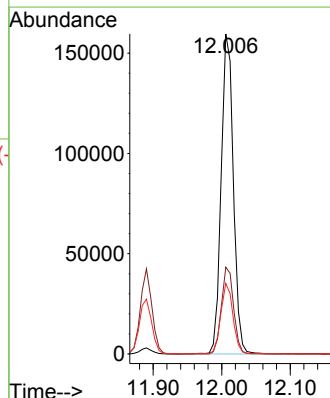
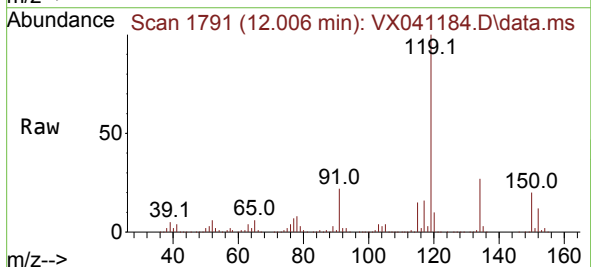
Tgt Ion:119 Resp: 196022

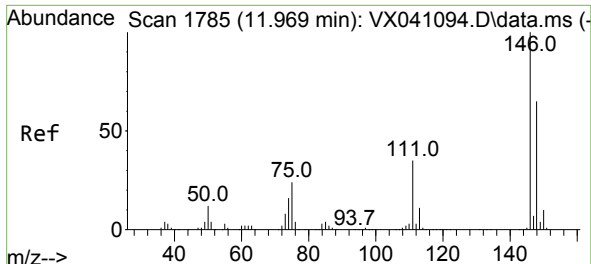
Ion Ratio Lower Upper

119 100

134 27.2 12.8 38.3

91 22.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.977 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041184.D

Acq: 22 Apr 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

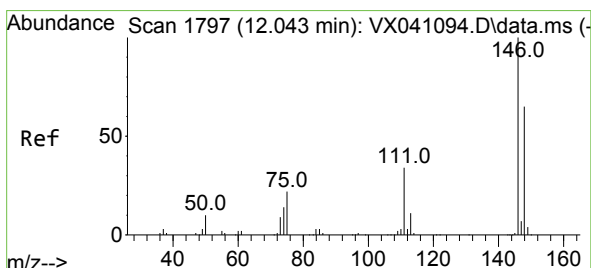
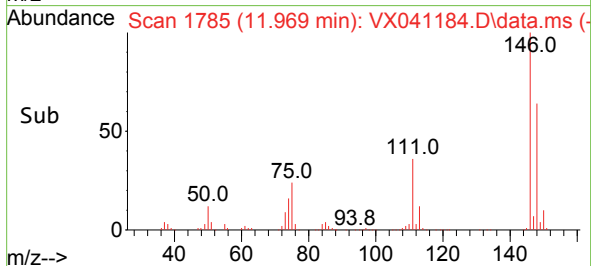
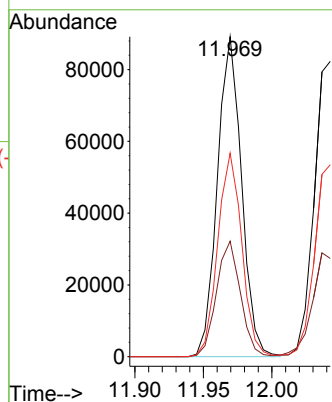
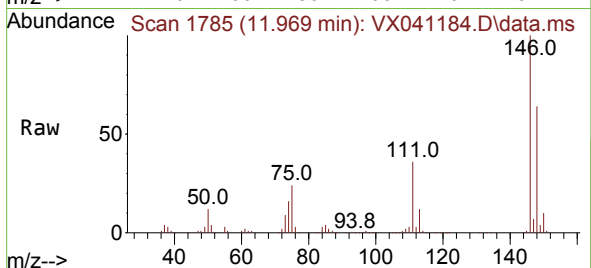
Tgt Ion:146 Resp: 109221

Ion Ratio Lower Upper

146 100

111 36.0 22.1 66.1

148 63.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 19.429 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041184.D

Acq: 22 Apr 2024 11:43

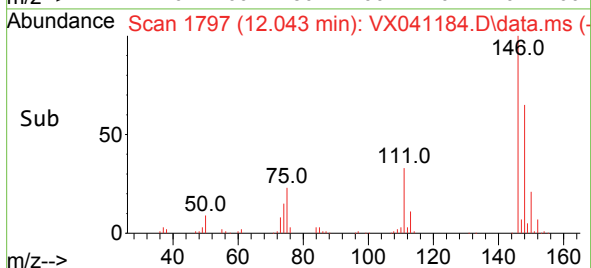
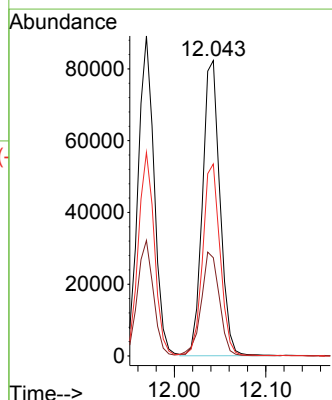
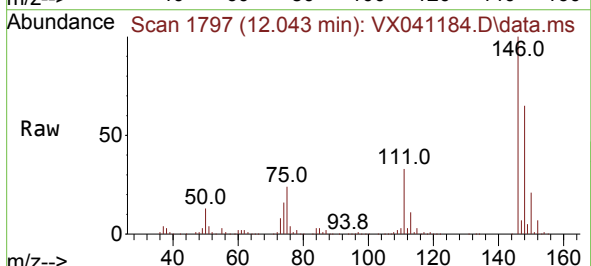
Tgt Ion:146 Resp: 108988

Ion Ratio Lower Upper

146 100

111 36.3 21.3 63.7

148 64.6 31.8 95.4

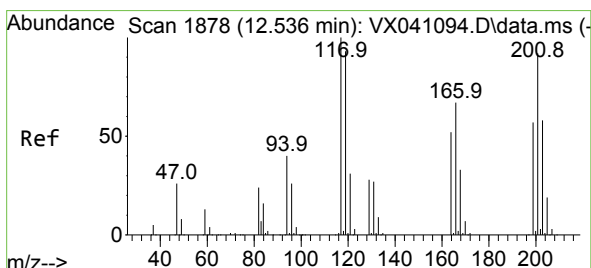
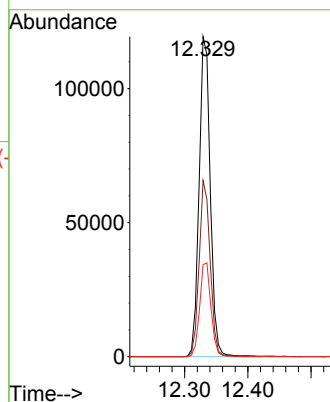
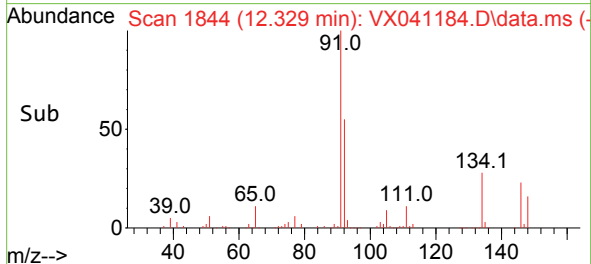
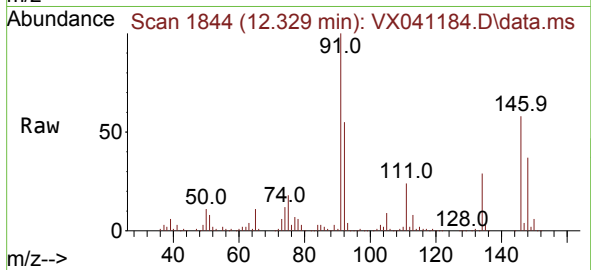




#89
n-Butylbenzene
Concen: 20.420 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

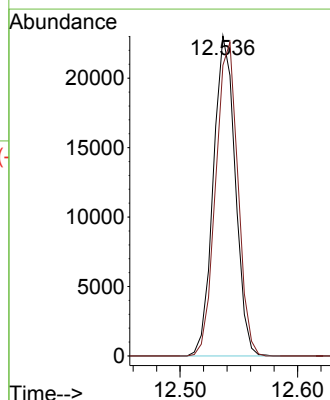
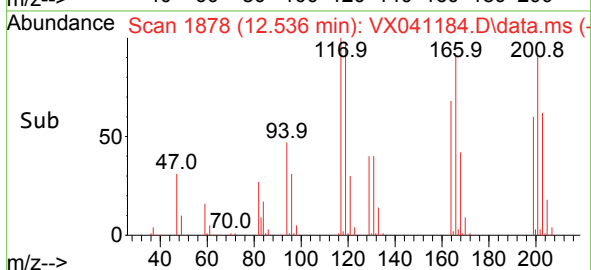
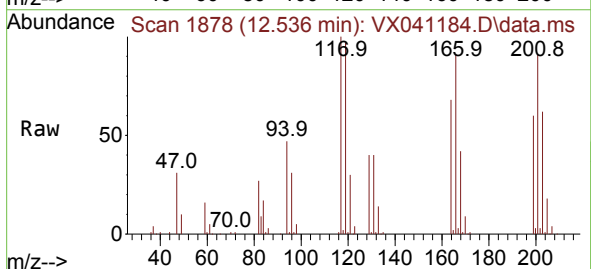
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

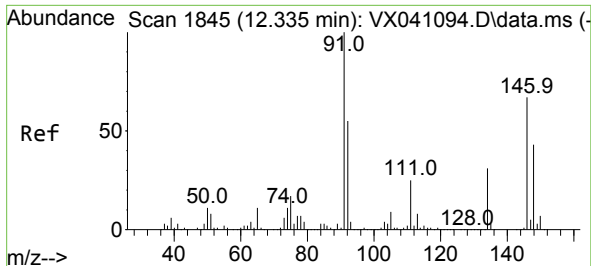
Tgt Ion: 91 Resp: 147017
Ion Ratio Lower Upper
91 100
92 54.3 27.4 82.0
134 29.6 12.6 37.8



#90
Hexachloroethane
Concen: 19.117 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

Tgt Ion: 117 Resp: 29902
Ion Ratio Lower Upper
117 100
201 98.8 32.9 98.6#

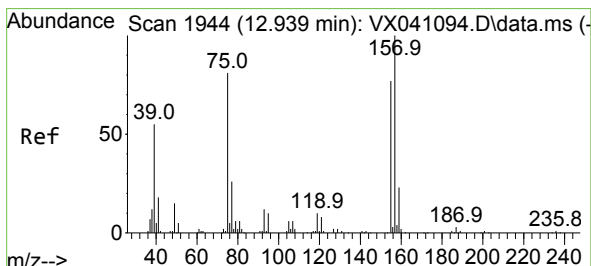
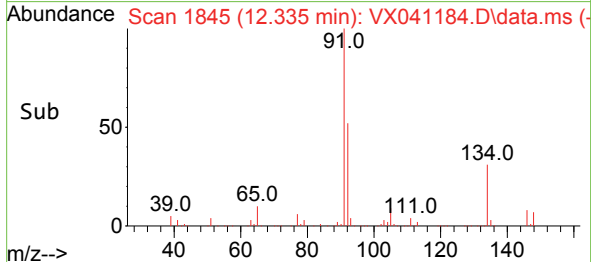
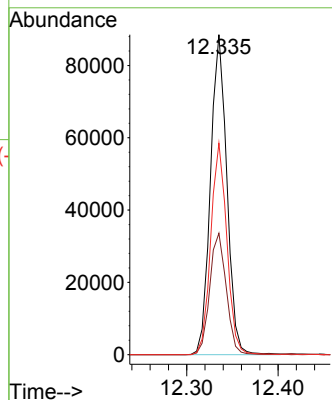
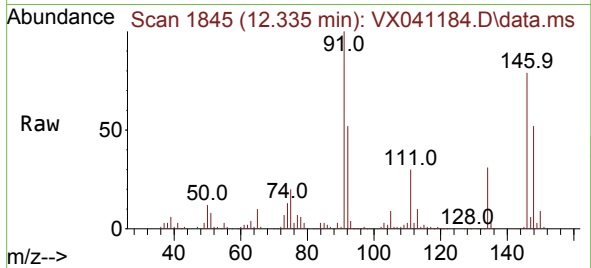




#91
1,2-Dichlorobenzene
Concen: 20.052 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

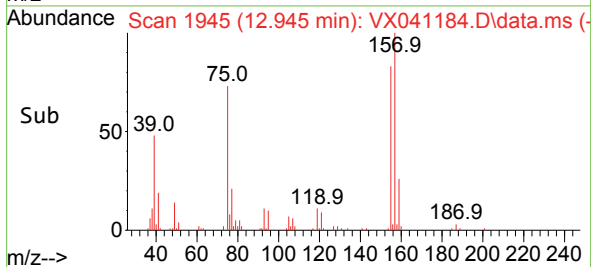
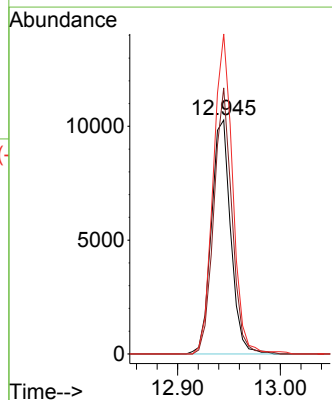
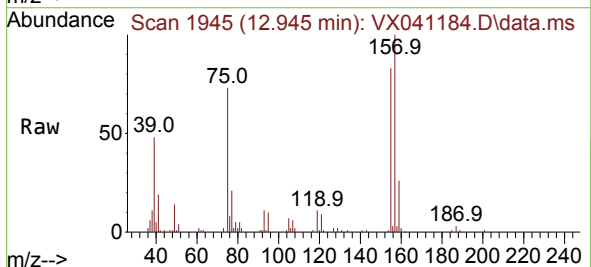
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

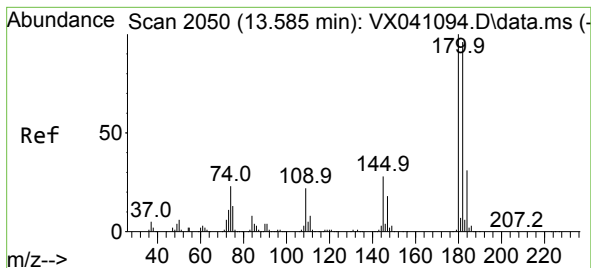
Tgt Ion:146 Resp: 109806
Ion Ratio Lower Upper
146 100
111 38.4 22.4 67.0
148 65.0 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.418 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX041184.D
Acq: 22 Apr 2024 11:43

Tgt Ion: 75 Resp: 13439
Ion Ratio Lower Upper
75 100
155 105.9 36.1 108.5
157 136.3 44.9 134.7#





#93

1,2,4-Trichlorobenzene

Concen: 17.886 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041184.D

Acq: 22 Apr 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

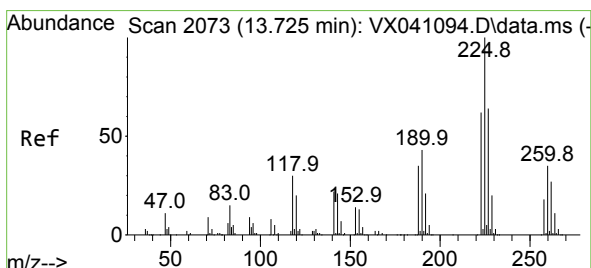
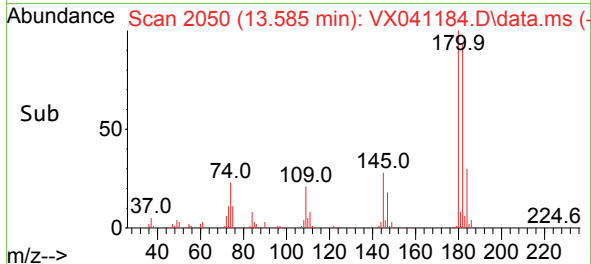
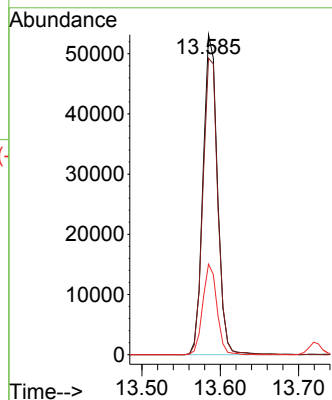
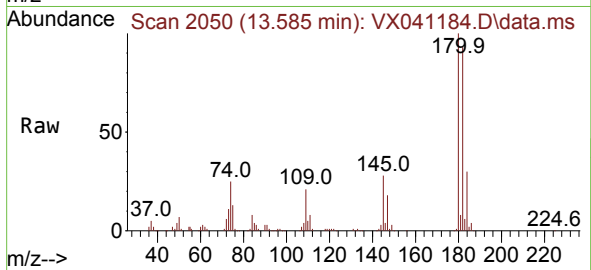
Tgt Ion:180 Resp: 67910

Ion Ratio Lower Upper

180 100

182 95.5 48.3 144.8

145 27.8 18.0 54.0



#94

Hexachlorobutadiene

Concen: 17.983 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX041184.D

Acq: 22 Apr 2024 11:43

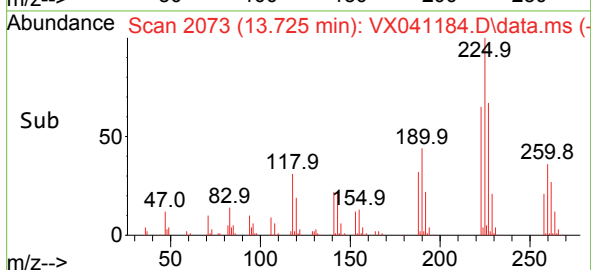
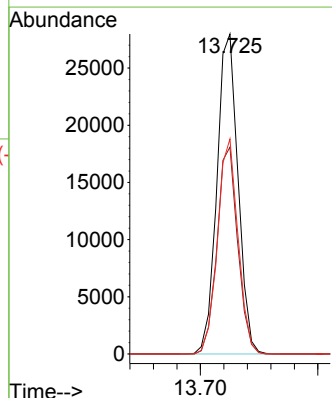
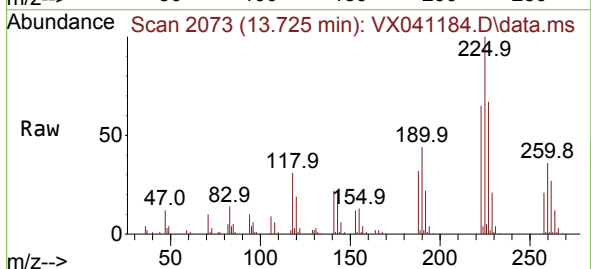
Tgt Ion:225 Resp: 34883

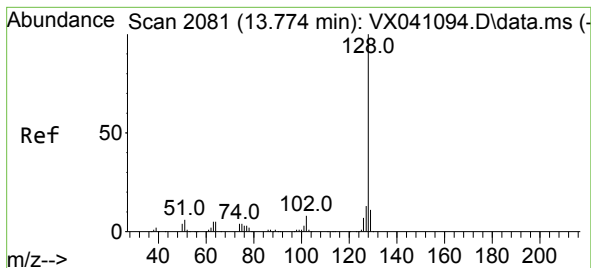
Ion Ratio Lower Upper

225 100

223 63.5 31.1 93.2

227 65.1 32.5 97.5





#95

Naphthalene

Concen: 18.333 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041184.D

Acq: 22 Apr 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

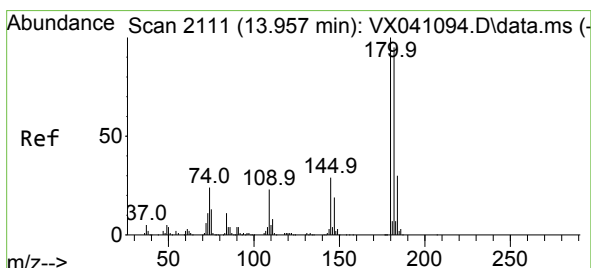
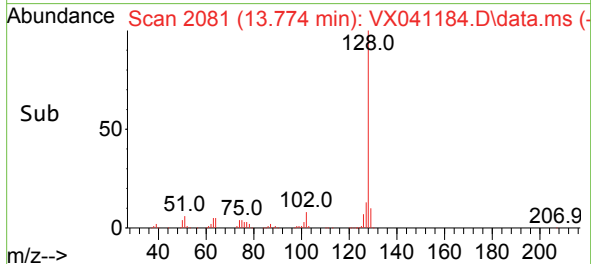
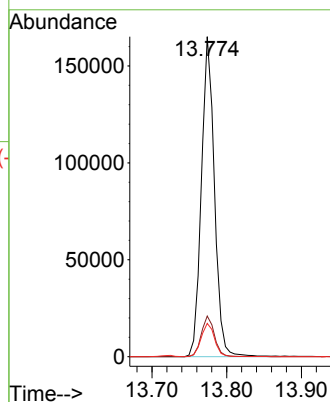
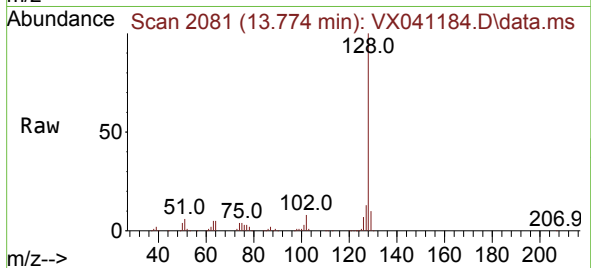
Tgt Ion:128 Resp: 199987

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 17.910 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041184.D

Acq: 22 Apr 2024 11:43

Tgt Ion:180 Resp: 71627

Ion Ratio Lower Upper

180 100

182 97.5 46.9 140.6

145 29.2 17.8 53.5

