

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031924\
 Data File : VX040711.D
 Acq On : 19 Mar 2024 10:18
 Operator : JC/MD
 Sample : VX0319WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBSD01

Quant Time: Mar 20 04:32:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:21:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	16180	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	81638	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	78864	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	45790	28.336	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	94.467%
60) 4-Bromofluorobenzene	11.079	95	42405	31.347	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	104.500%
63) Toluene-d8	8.647	98	103398	29.668	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	19918	18.150	ug/l	99
3) Chloromethane	1.295	50	20863	18.555	ug/l	97
4) Vinyl Chloride	1.374	62	22226	18.290	ug/l	94
5) Bromomethane	1.605	94	18579	25.034	ug/l	97
6) Chloroethane	1.685	64	14089	19.734	ug/l	98
7) Trichlorofluoromethane	1.892	101	33805	18.272	ug/l	96
8) Diethyl Ether	2.130	74	12331	19.630	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	20514	20.242	ug/l	96
10) 1,1-Dichloroethene	2.319	96	18375	19.044	ug/l	93
11) Methyl Iodide	2.453	142	18388	15.757	ug/l	97
12) Methyl Acetate	2.697	43	34495	21.704	ug/l	96
13) Acrolein	2.233	56	39526	131.915	ug/l	99
14) Acrylonitrile	3.056	53	65670	104.930	ug/l	99
15) Acetone	2.374	58	21358	119.390	ug/l	82
16) Carbon Disulfide	2.514	76	44175	16.659	ug/l	100
17) Allyl chloride	2.666	41	35309	19.830	ug/l	93
18) Methylene Chloride	2.788	84	21942	19.918	ug/l	99
19) trans-1,2-Dichloroethene	3.087	96	19236	18.261	ug/l	95
20) Diisopropyl ether	3.751	45	74782	21.000	ug/l	93
21) 1,1-Dichloroethane	3.605	63	40298	19.666	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	24072	19.678	ug/l	95
23) tert-Butyl Alcohol	3.020	59	223	0.754	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	75451	21.189	ug/l	95
25) Chloroform	5.093	83	44629	19.899	ug/l	96
26) Cyclohexane	5.465	56	31465	19.027	ug/l #	99
29) 1,1-Dichloropropene	5.684	75	30221	21.386	ug/l	96
30) 2-Butanone	4.544	43	103927	120.523	ug/l	98
31) 2,2-Dichloropropane	4.471	77	34180	22.411	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	38432	21.584	ug/l	99
33) Carbon Tetrachloride	5.672	117	31913	21.302	ug/l	95
34) Benzene	6.038	78	82855	21.720	ug/l	99
35) Methacrylonitrile	4.910	41	21096	23.831	ug/l	93
36) 1,2-Dichloroethane	6.080	62	42049	23.840	ug/l	95
37) Trichloroethene	7.117	130	22374	21.826	ug/l	92
38) Methylcyclohexane	7.379	83	34236	22.500	ug/l	99
39) 1,2-Dichloropropane	7.428	63	22461	23.125	ug/l	94
40) Dibromomethane	7.574	93	18180	23.826	ug/l	97
41) Bromodichloromethane	7.818	83	34577	22.778	ug/l	97
42) Vinyl Acetate	3.715	43	347468	117.036	ug/l	100

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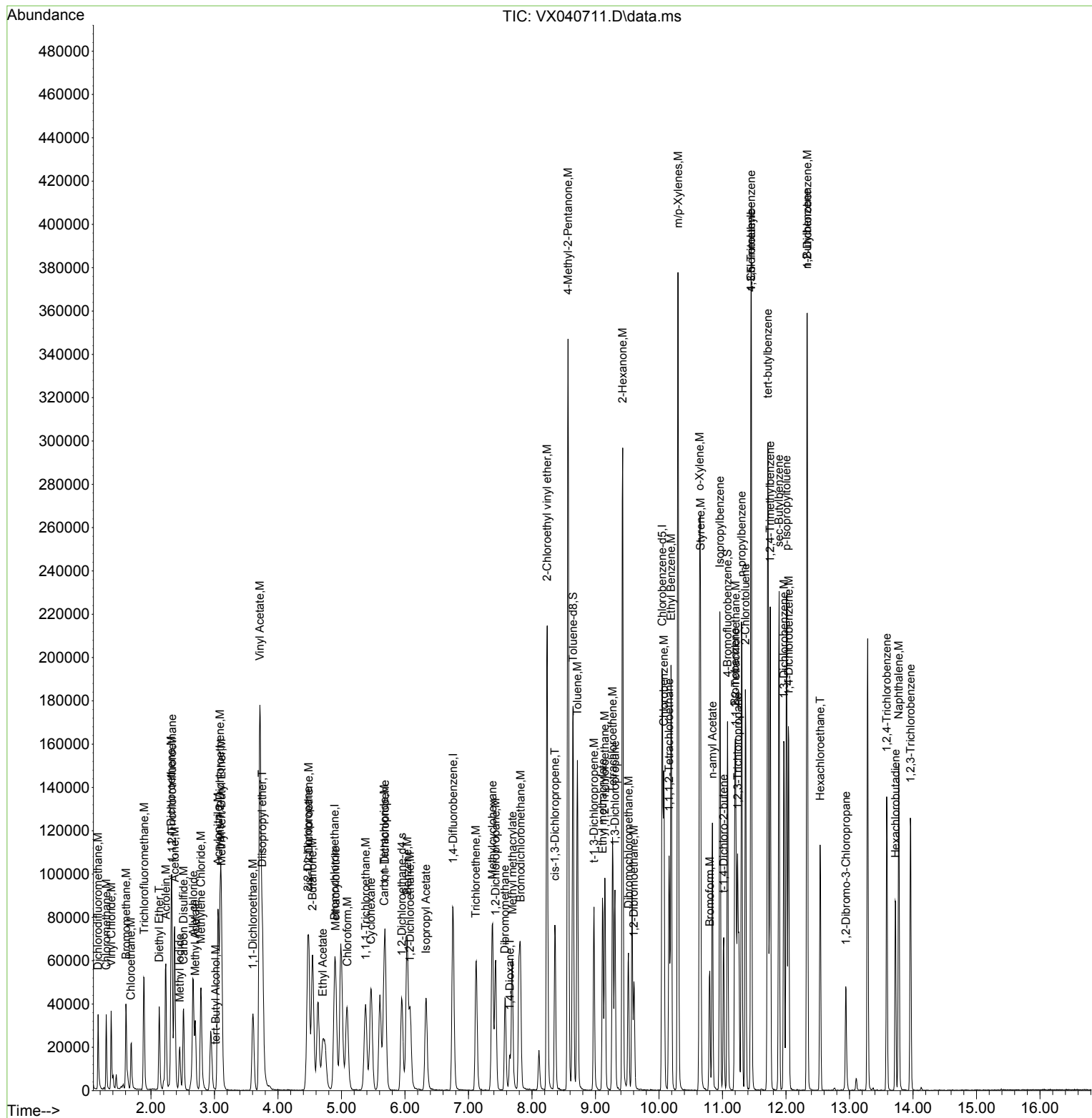
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.702	43	38127	23.477	ug/l	98
44) Isopropyl Acetate	6.330	43	60050	23.165	ug/l	95
45) 1,4-Dioxane	7.653	88	12426	466.323	ug/l	97
46) Methyl methacrylate	7.690	41	31754	24.662	ug/l	96
47) n-amyl Acetate	10.842	43	50918	22.790	ug/l	96
48) t-1,3-Dichloropropene	8.976	75	37505	23.376	ug/l	100
49) cis-1,3-Dichloropropene	8.360	75	38025	23.265	ug/l	95
50) 1,1,2-Trichloroethane	9.147	97	23783	23.465	ug/l	98
51) Ethyl methacrylate	9.110	69	37336	23.398	ug/l	97
52) 1,3-Dichloropropane	9.305	76	40584	23.466	ug/l	99
53) Dibromochloromethane	9.519	129	26477	22.916	ug/l	99
54) 1,2-Dibromoethane	9.604	107	25988	23.173	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	81138	99.851	ug/l	99
56) Bromoform	10.799	173	19300	23.551	ug/l #	96
58) 4-Methyl-2-Pentanone	8.568	43	202818	115.493	ug/l	99
59) 2-Hexanone	9.427	43	163365	115.170	ug/l	96
61) Tetrachloroethene	9.269	164	20673	22.085	ug/l	97
62) Toluene	8.714	91	93963	21.633	ug/l	98
64) Chlorobenzene	10.073	112	58510	22.040	ug/l	94
65) 1,1,1,2-Tetrachloroethane	10.159	131	22345	22.068	ug/l	98
66) Ethyl Benzene	10.189	91	109331	21.831	ug/l	98
67) m/p-Xylenes	10.299	106	80199	43.366	ug/l	92
68) o-Xylene	10.640	106	38670	21.721	ug/l	93
69) Styrene	10.653	104	65352	21.849	ug/l	97
70) Isopropylbenzene	10.957	105	107867	22.423	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.207	83	39555	23.455	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	45689	30.110	ug/l	91
73) Bromobenzene	11.195	156	25605	22.484	ug/l	97
74) n-propylbenzene	11.299	91	133905	22.538	ug/l	99
75) 2-Chlorotoluene	11.360	91	79669	22.596	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	94481	22.309	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	10926	23.169	ug/l	82
78) 4-Chlorotoluene	11.451	91	93302	22.183	ug/l	99
79) tert-butylbenzene	11.713	119	87465	22.127	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	91407	21.906	ug/l	99
81) sec-Butylbenzene	11.890	105	116449	22.313	ug/l	99
82) p-Isopropyltoluene	12.006	119	93812	21.961	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	49224	22.214	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	50745	22.393	ug/l	99
85) n-Butylbenzene	12.329	91	92408	22.231	ug/l	96
86) Hexachloroethane	12.536	117	15912	21.347	ug/l	86
87) 1,2-Dichlorobenzene	12.335	146	48669	22.602	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	10183	22.582	ug/l	97
89) 1,2,4-Trichlorobenzene	13.585	180	28431	19.609	ug/l	98
90) Hexachlorobutadiene	13.725	225	11233	19.161	ug/l	97
91) Naphthalene	13.774	128	89737	18.975	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	27486	19.226	ug/l	99

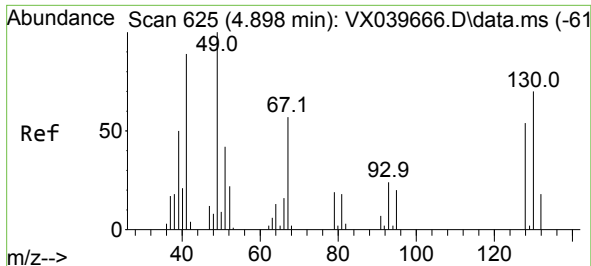
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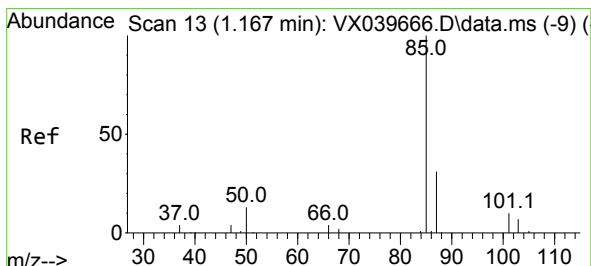
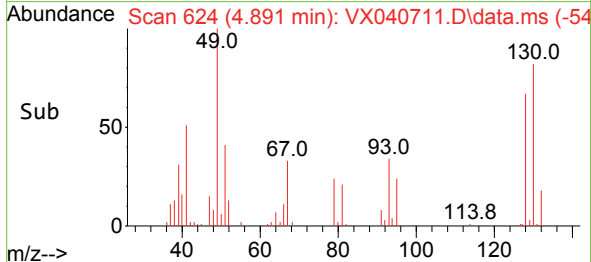
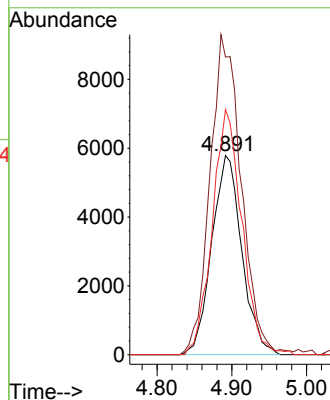
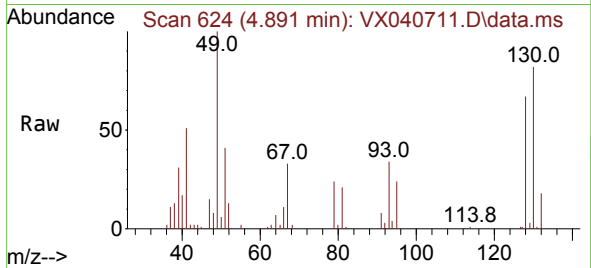




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX040711.D
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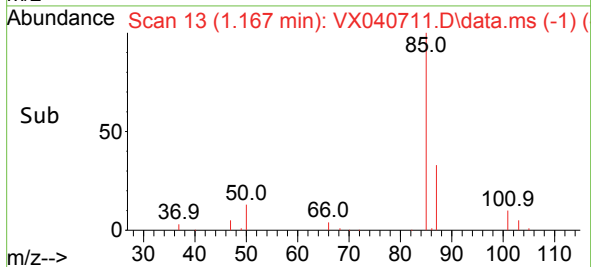
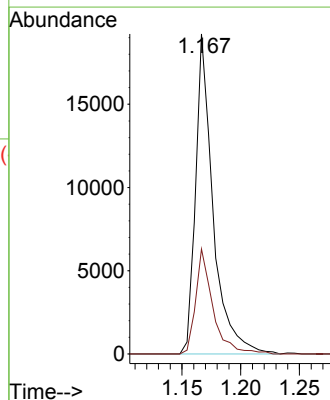
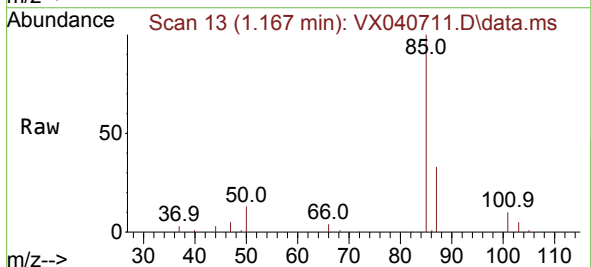
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ClientSampleId :
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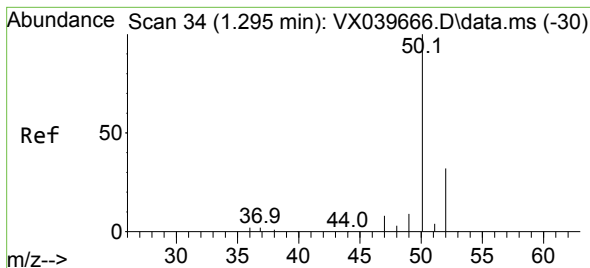
Tgt Ion:128 Resp: 16180
Ion Ratio Lower Upper
128 100
49 166.0 0.0 444.0
130 120.7 0.0 297.8



#2
Dichlorodifluoromethane
Concen: 18.150 ug/l
RT: 1.167 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

Tgt Ion: 85 Resp: 19918
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.1





#3

Chloromethane

Concen: 18.555 ug/l

RT: 1.295 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX040711.D

Acq: 19 Mar 2024 10:18

Instrument :

MSVOA_X

ClientSampleId :

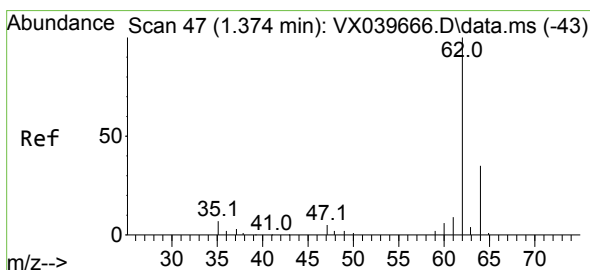
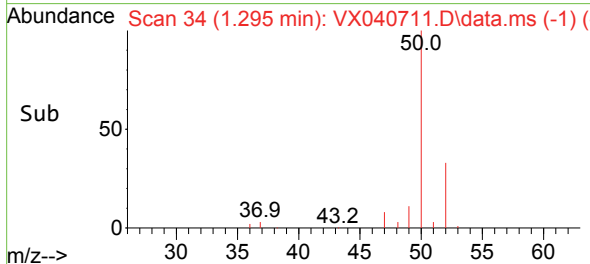
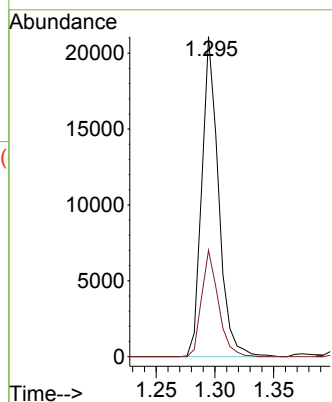
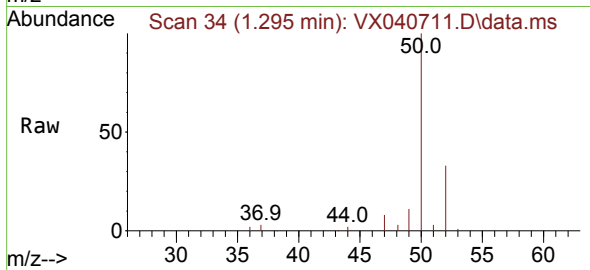
VX0319WBSD01

Tgt Ion: 50 Resp: 20863

Ion Ratio Lower Upper

50 100

52 33.2 27.8 41.8



#4

Vinyl Chloride

Concen: 18.290 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX040711.D

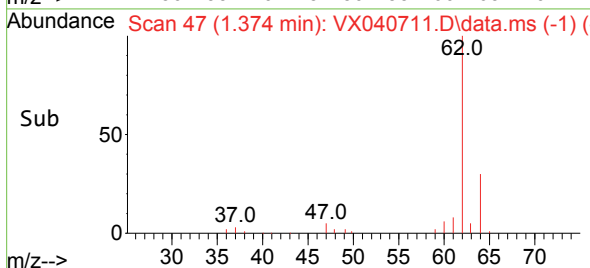
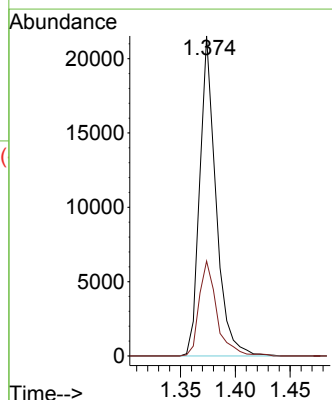
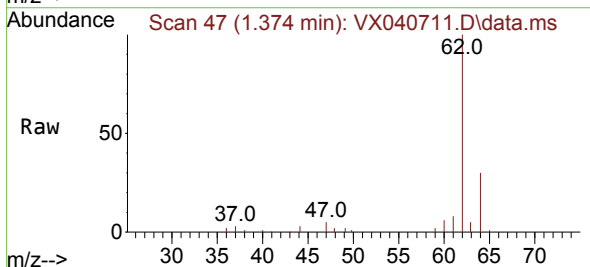
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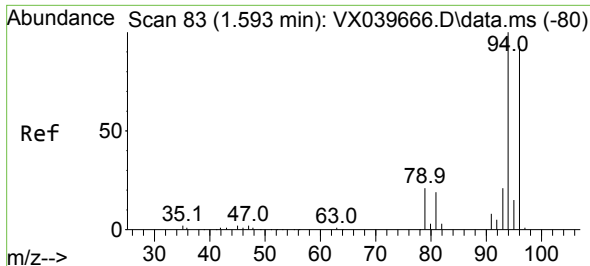
Tgt Ion: 62 Resp: 22226

Ion Ratio Lower Upper

62 100

64 29.7 26.3 39.5

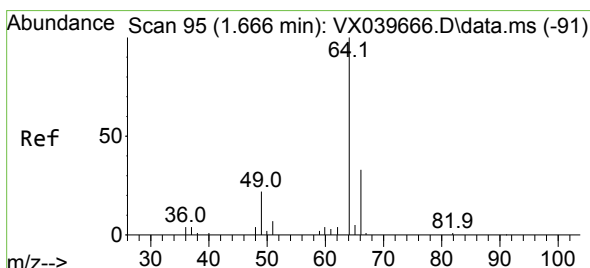
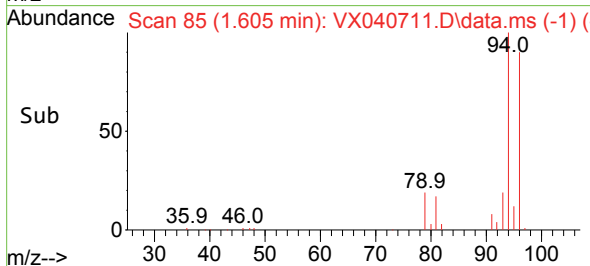
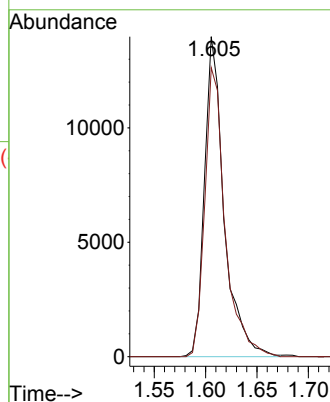
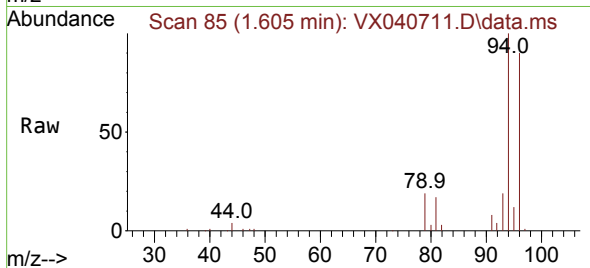




#5
Bromomethane
Concen: 25.034 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

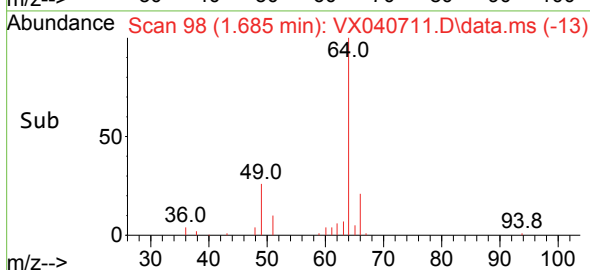
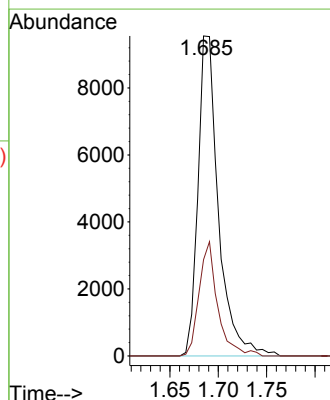
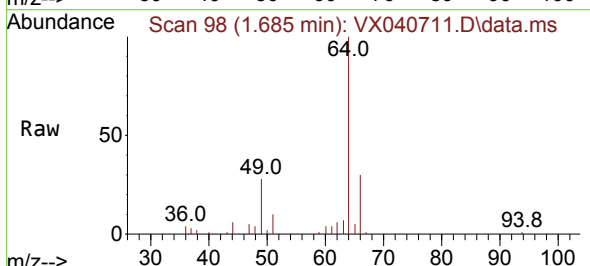
Instrument :
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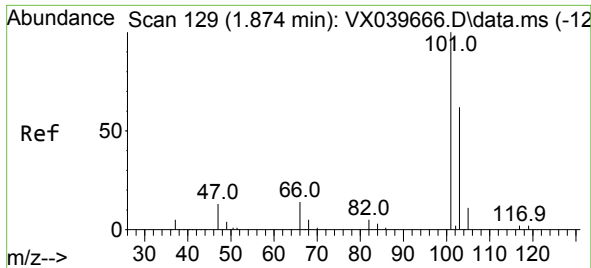
Tgt Ion: 94 Resp: 18579
Ion Ratio Lower Upper
94 100
96 90.3 74.9 112.3



#6
Chloroethane
Concen: 19.734 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.019 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

Tgt Ion: 64 Resp: 14089
Ion Ratio Lower Upper
64 100
66 30.1 25.0 37.6

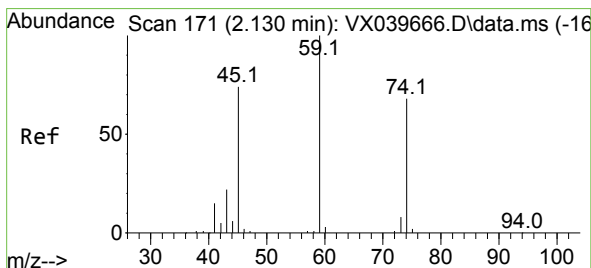
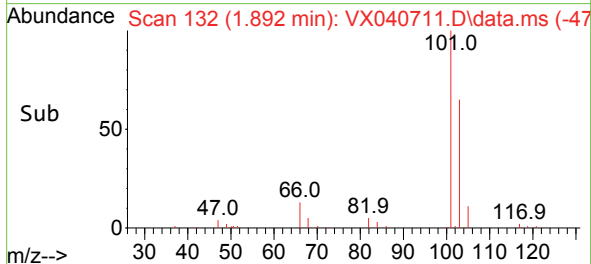
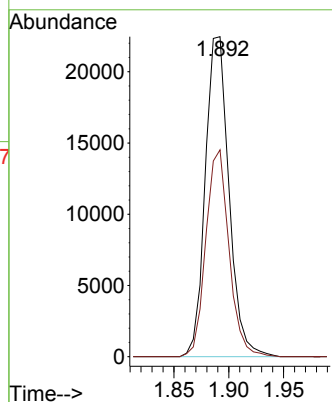
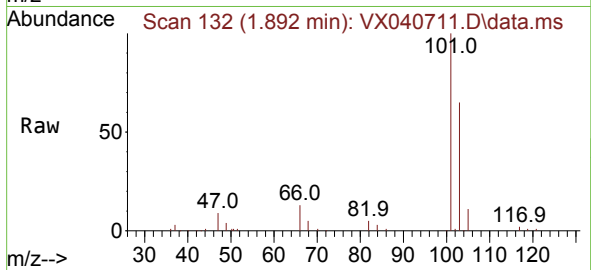




#7
Trichlorofluoromethane
Concen: 18.272 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX040711.D
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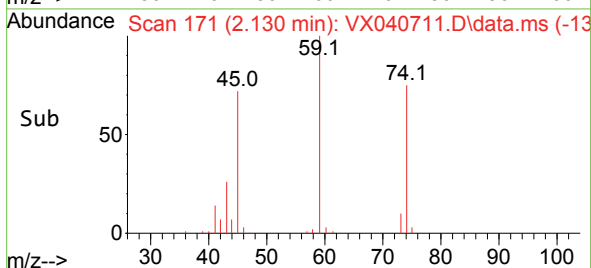
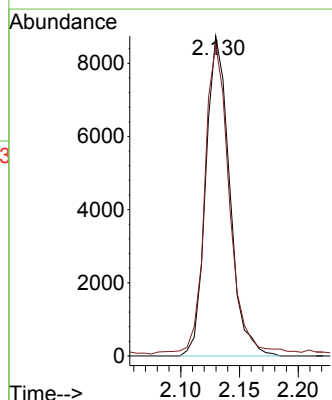
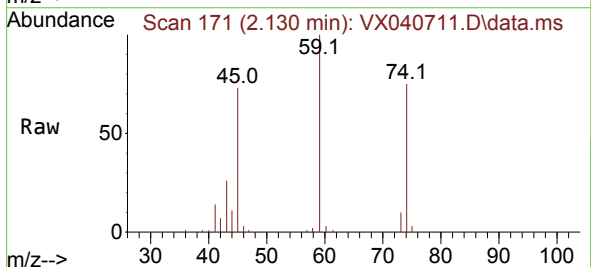
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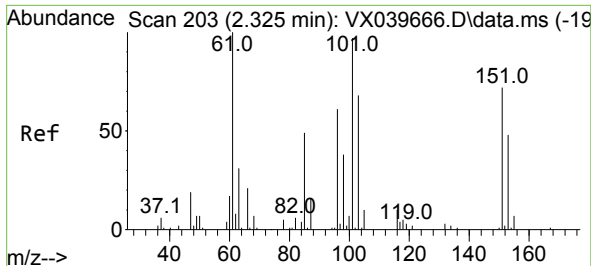
Tgt Ion:101 Resp: 33805
Ion Ratio Lower Upper
101 100
103 64.7 49.1 73.7



#8
Diethyl Ether
Concen: 19.630 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

Tgt Ion: 74 Resp: 12331
Ion Ratio Lower Upper
74 100
45 102.2 20.5 184.5

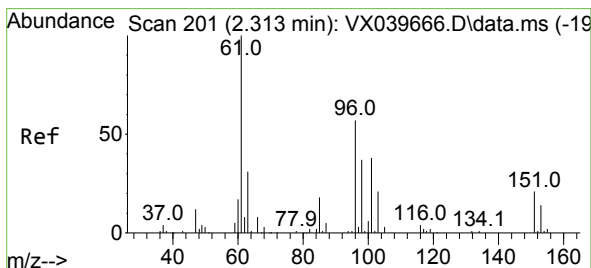
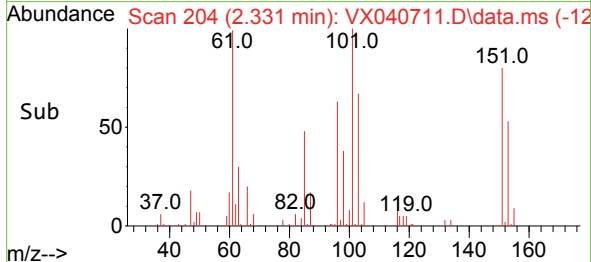
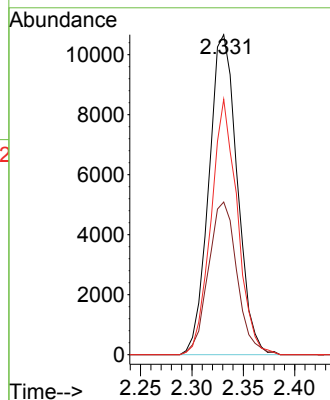
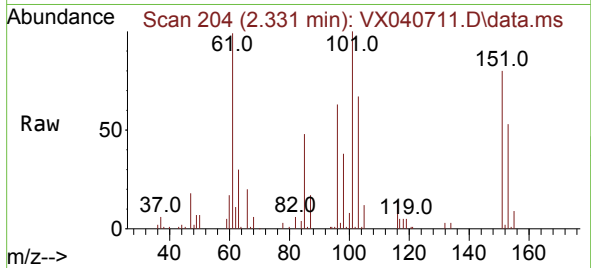




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.242 ug/l
RT: 2.331 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX040711.D
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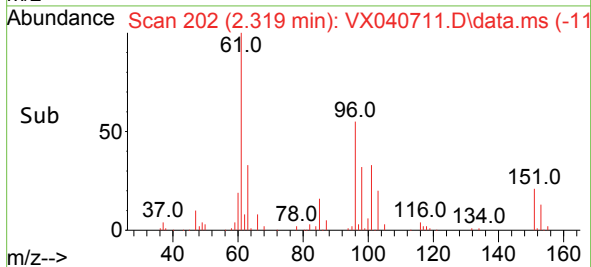
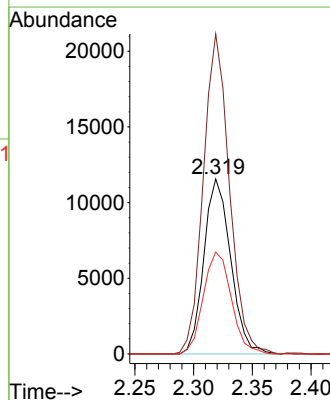
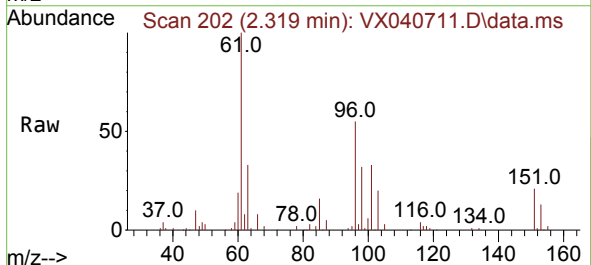
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ClientSampleId :
VX0319WBSD01

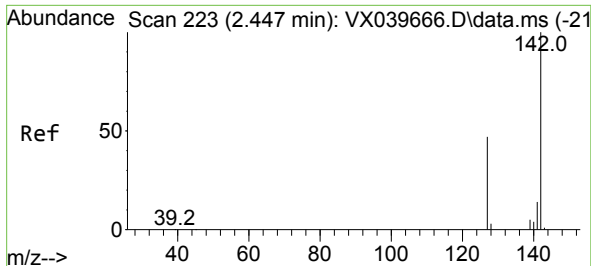
Tgt Ion:101 Resp: 20514
Ion Ratio Lower Upper
101 100
85 48.1 0.0 95.2
151 74.1 0.0 136.8



#10
1,1-Dichloroethene
Concen: 19.044 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

Tgt Ion: 96 Resp: 18375
Ion Ratio Lower Upper
96 100
61 182.9 138.3 207.5
98 58.3 49.8 74.6

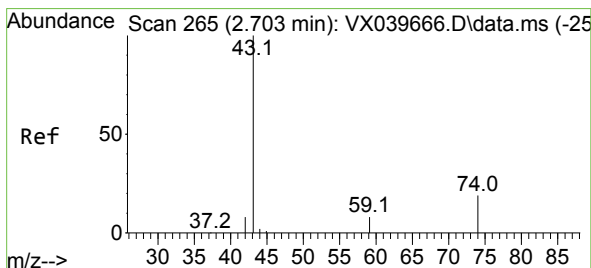
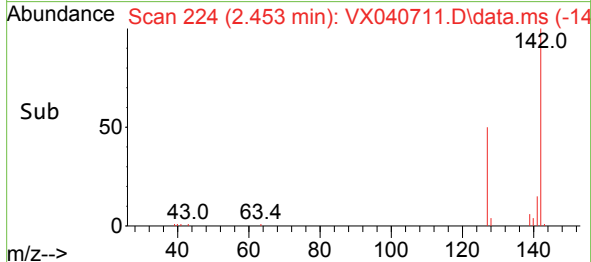
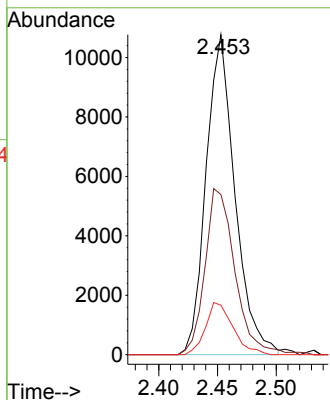
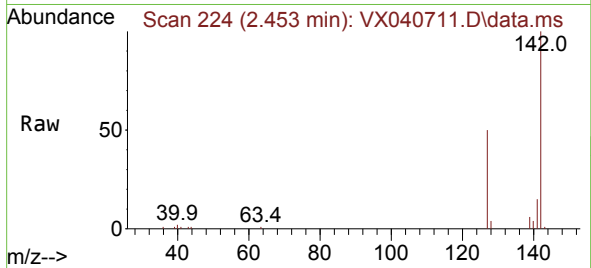




#11
Methyl Iodide
Concen: 15.757 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

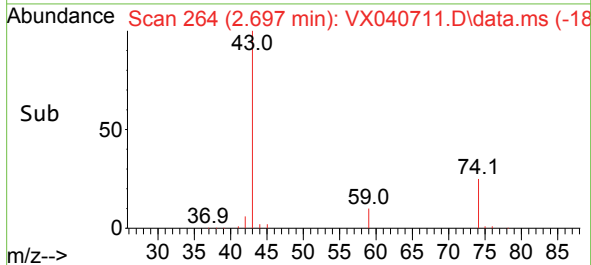
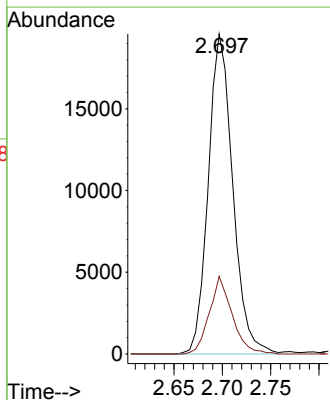
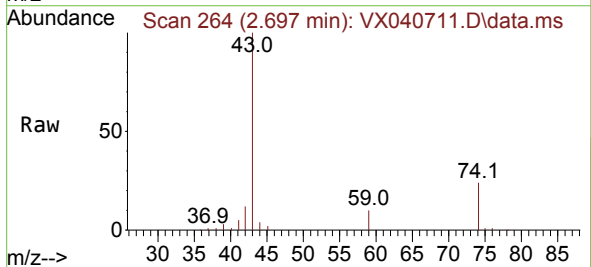
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

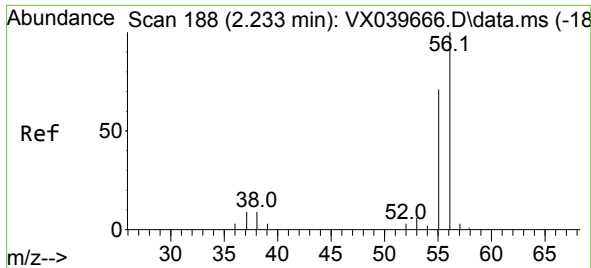
Tgt Ion:142 Resp: 18388
Ion Ratio Lower Upper
142 100
127 49.6 23.8 71.4
141 15.6 6.9 20.6



#12
Methyl Acetate
Concen: 21.704 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

Tgt Ion: 43 Resp: 34495
Ion Ratio Lower Upper
43 100
74 24.3 17.8 26.6





#13

Acrolein

Concen: 131.915 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040711.D

Acq: 19 Mar 2024 10:18

Instrument :

MSVOA_X

ClientSampleId :

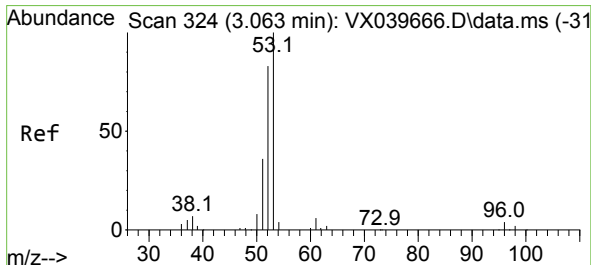
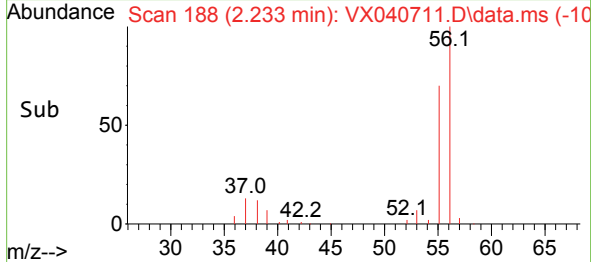
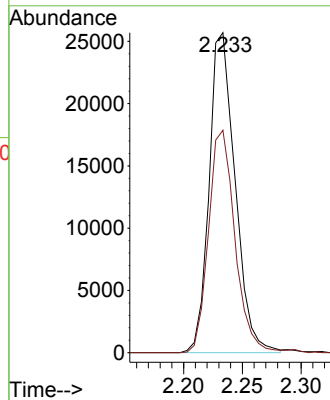
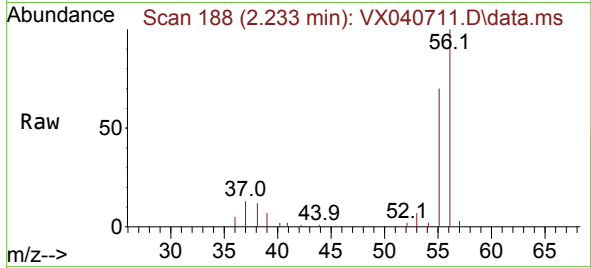
VX0319WBSD01

Tgt Ion: 56 Resp: 39526

Ion Ratio Lower Upper

56 100

55 70.6 57.2 85.8



#14

Acrylonitrile

Concen: 104.930 ug/l

RT: 3.056 min Scan# 323

Delta R.T. -0.007 min

Lab File: VX040711.D

Acq: 19 Mar 2024 10:18

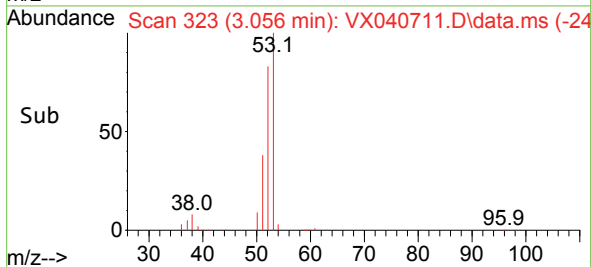
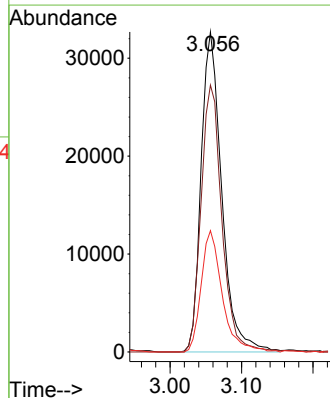
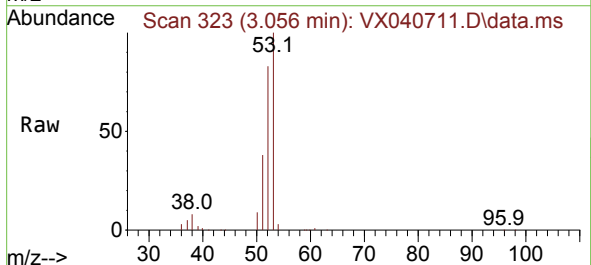
Tgt Ion: 53 Resp: 65670

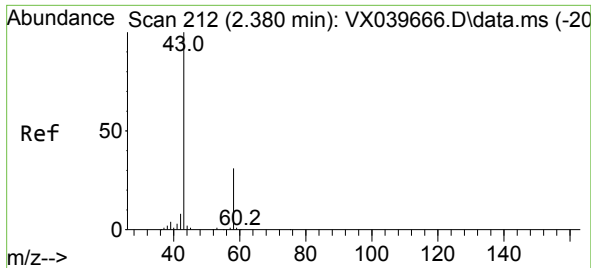
Ion Ratio Lower Upper

53 100

52 84.1 41.9 125.6

51 38.7 18.3 54.9





#15

Acetone

Concen: 119.390 ug/l

RT: 2.374 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX040711.D

Acq: 19 Mar 2024 10:18

Instrument :

MSVOA_X

ClientSampleId :

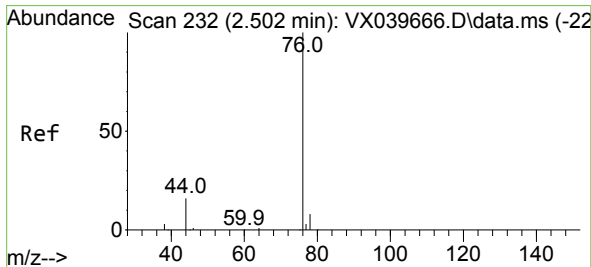
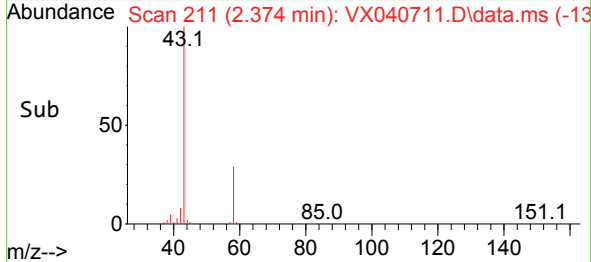
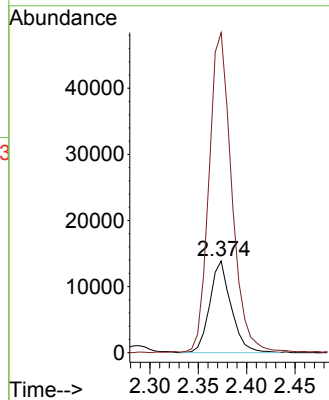
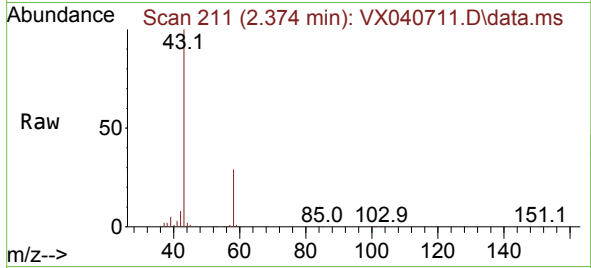
VX0319WBSD01

Tgt Ion: 58 Resp: 21358

Ion Ratio Lower Upper

58 100

43 348.3 249.9 374.9



#16

Carbon Disulfide

Concen: 16.659 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.012 min

Lab File: VX040711.D

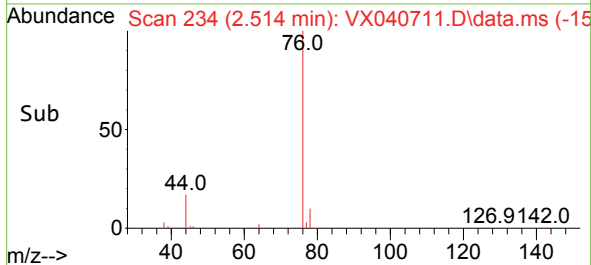
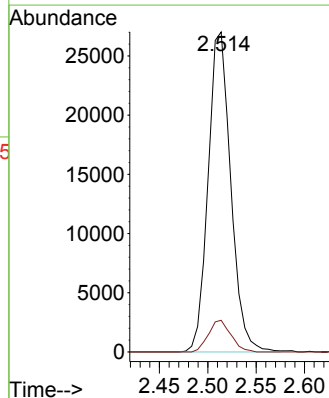
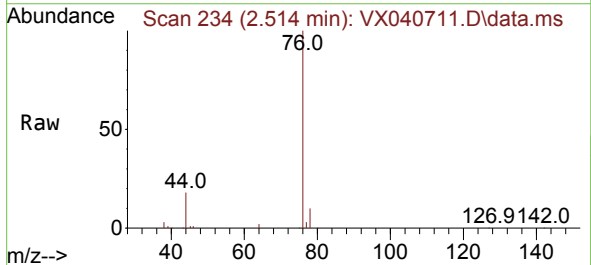
Acq: 19 Mar 2024 10:18

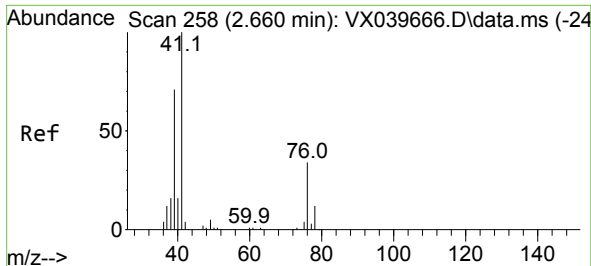
Tgt Ion: 76 Resp: 44175

Ion Ratio Lower Upper

76 100

78 9.9 8.0 12.0

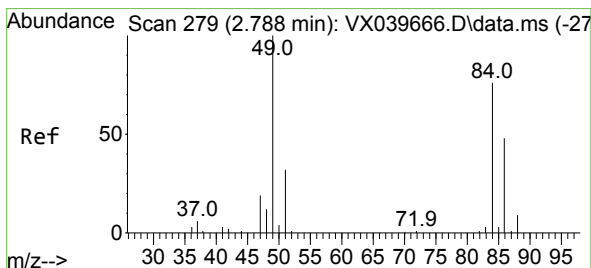
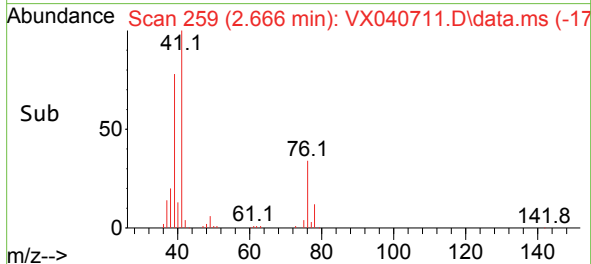
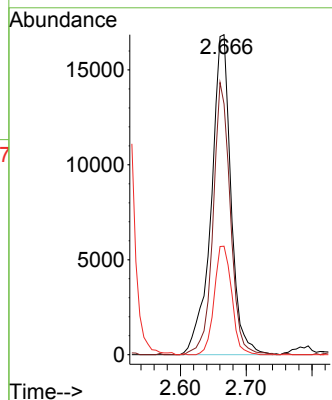
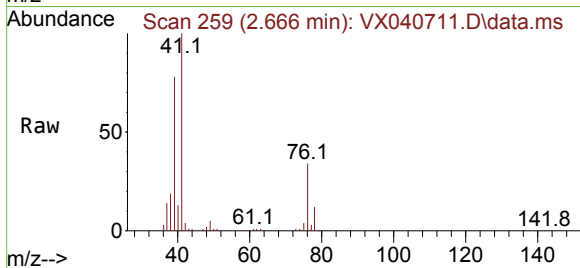




#17
 Allyl chloride
 Concen: 19.830 ug/l
 RT: 2.666 min Scan# 258
 Delta R.T. 0.006 min
 Lab File: VX040711.D
 Acq: 19 Mar 2024 10:18

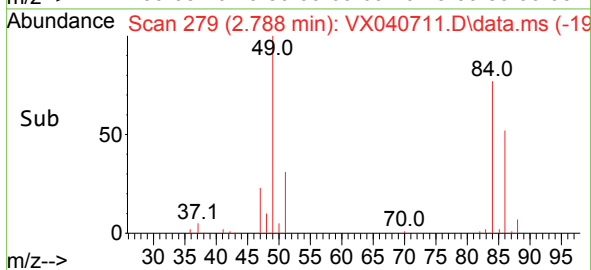
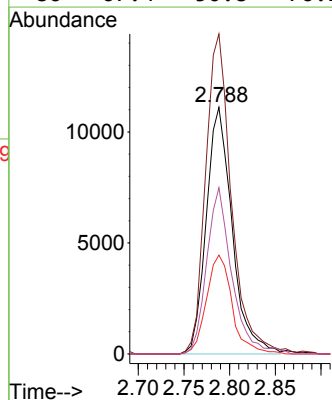
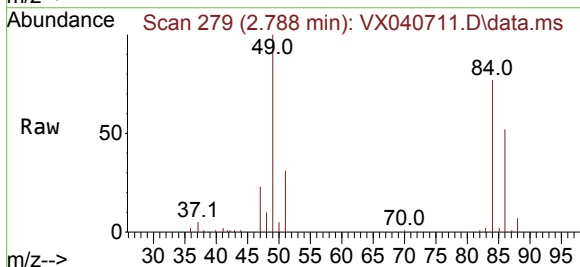
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBSD01

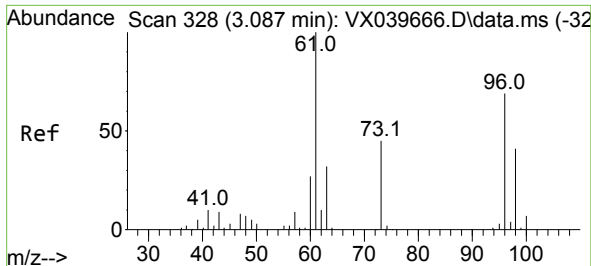
Tgt Ion:	41	Resp:	35309
Ion	Ratio	Lower	Upper
41	100		
39	78.4	36.5	109.5
76	33.9	19.7	59.0



#18
 Methylene Chloride
 Concen: 19.918 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX040711.D
 Acq: 19 Mar 2024 10:18

Tgt Ion:	84	Resp:	21942
Ion	Ratio	Lower	Upper
84	100		
49	129.8	103.8	155.8
51	40.1	31.8	47.6
86	67.4	50.8	76.2

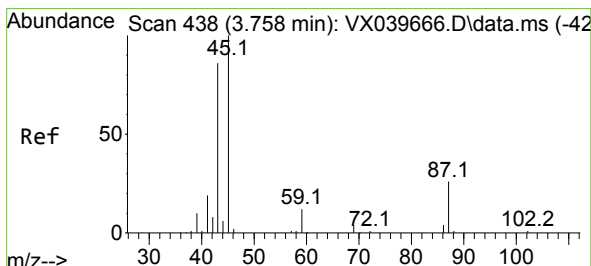
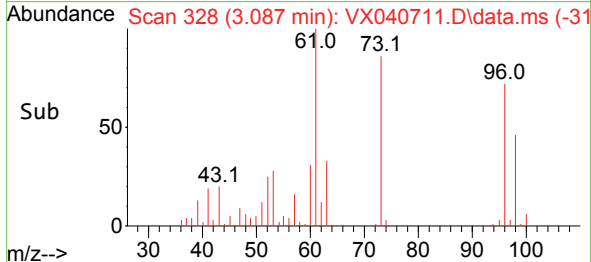
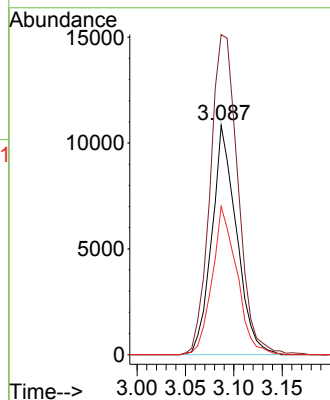
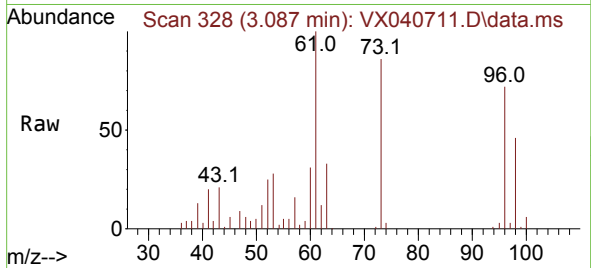




#19
trans-1,2-Dichloroethene
Concen: 18.261 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

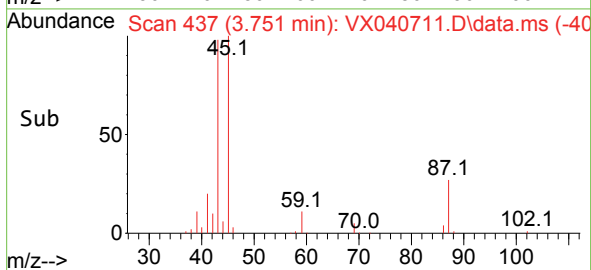
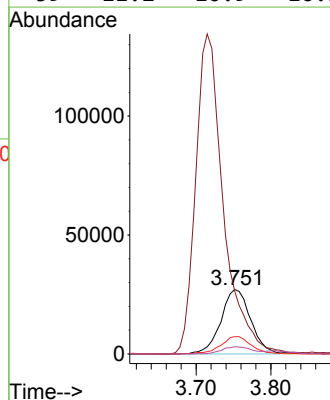
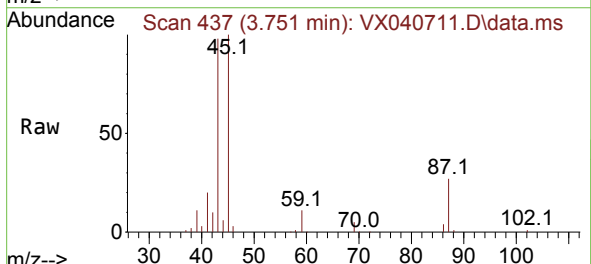
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

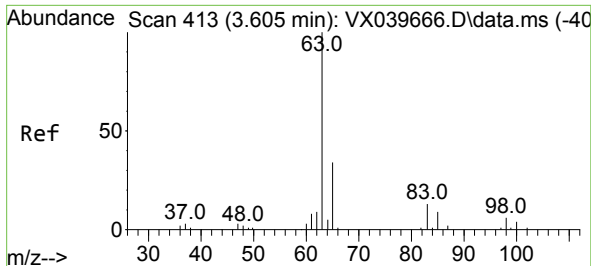
Tgt Ion: 96 Resp: 19236
Ion Ratio Lower Upper
96 100
61 139.5 117.9 176.9
98 64.6 51.0 76.6



#20
Diisopropyl ether
Concen: 21.000 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.007 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

Tgt Ion: 45 Resp: 74782
Ion Ratio Lower Upper
45 100
43 92.5 67.7 101.5
87 26.9 21.5 32.3
59 11.2 10.9 16.3





#21

1,1-Dichloroethane

Concen: 19.666 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX040711.D

Acq: 19 Mar 2024 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBSD01

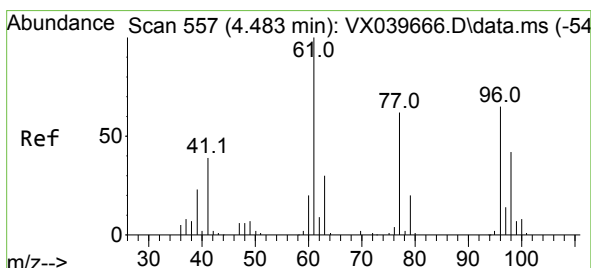
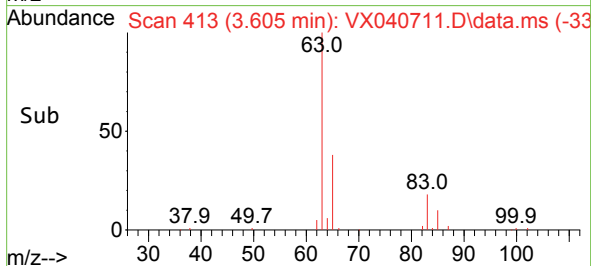
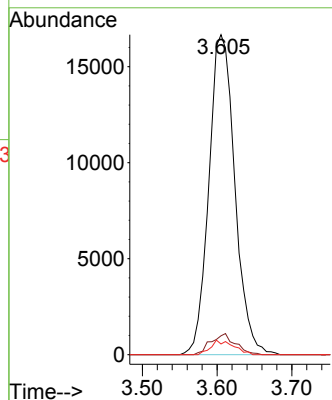
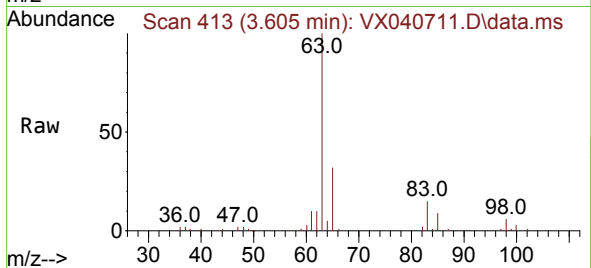
Tgt Ion: 63 Resp: 40298

Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

100 3.3 2.0 5.8



#22

cis-1,2-Dichloroethene

Concen: 19.678 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX040711.D

Acq: 19 Mar 2024 10:18

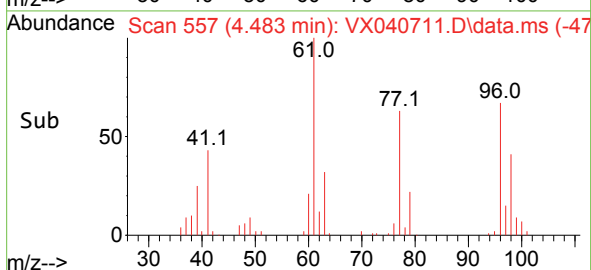
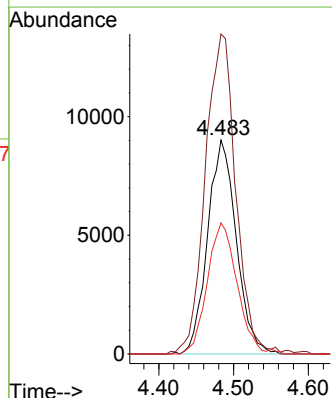
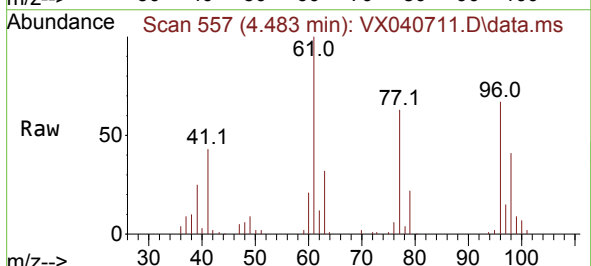
Tgt Ion: 96 Resp: 24072

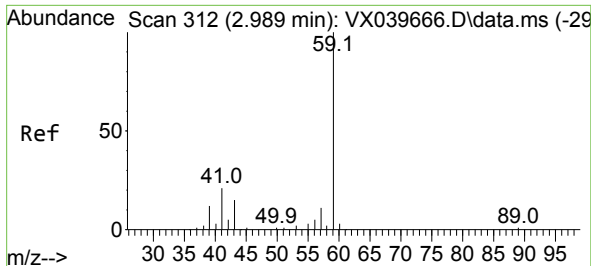
Ion Ratio Lower Upper

96 100

61 157.6 119.8 179.6

98 63.2 50.9 76.3

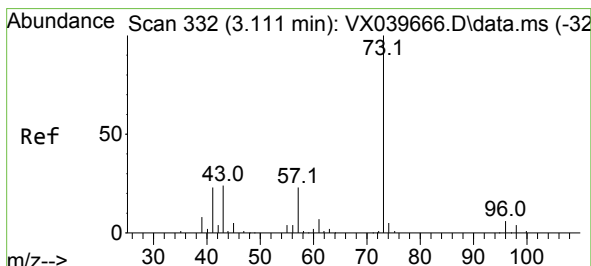
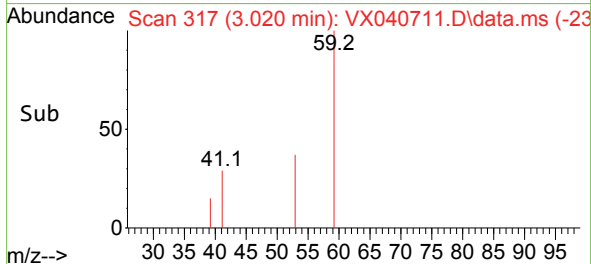
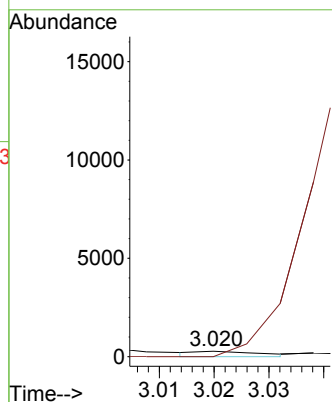
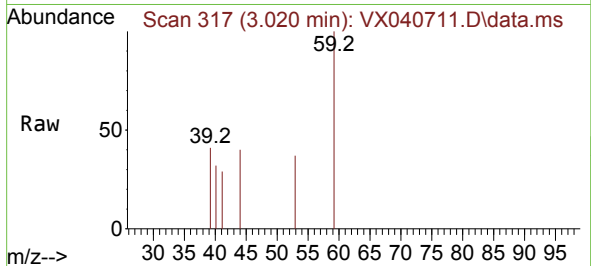




#23
tert-Butyl Alcohol
Concen: 0.754 ug/l
RT: 3.020 min Scan# 312
Delta R.T. 0.031 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

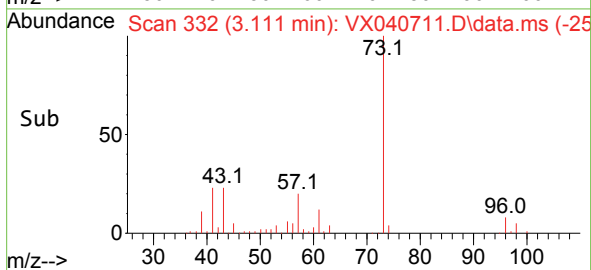
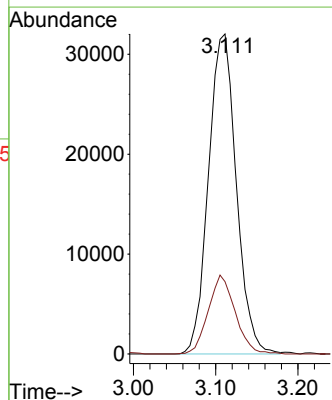
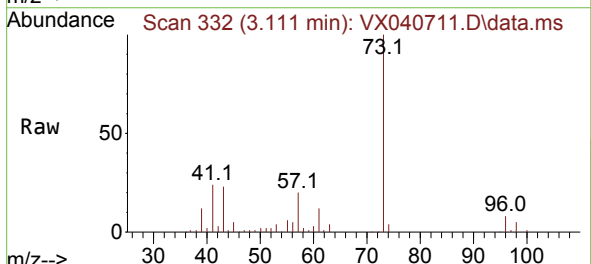
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

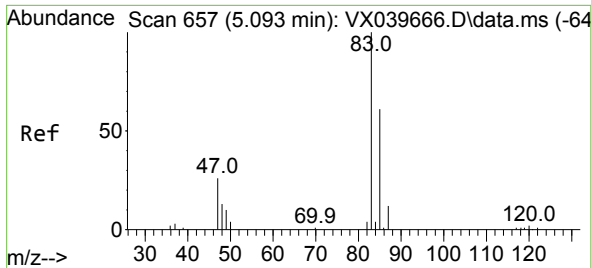
Tgt Ion: 59 Resp: 223
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 21.189 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

Tgt Ion: 73 Resp: 75451
Ion Ratio Lower Upper
73 100
43 23.8 17.0 25.6

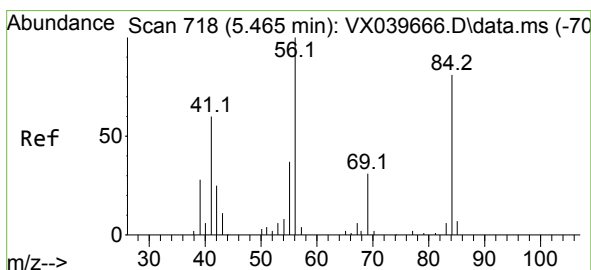
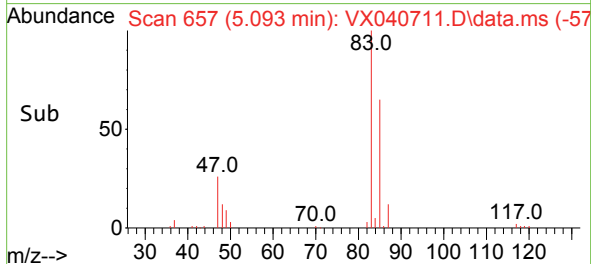
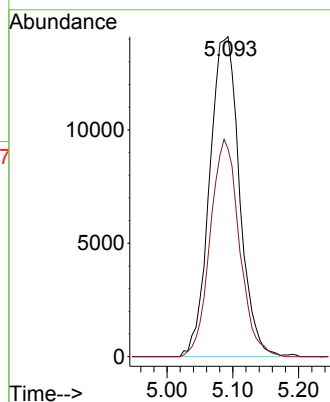
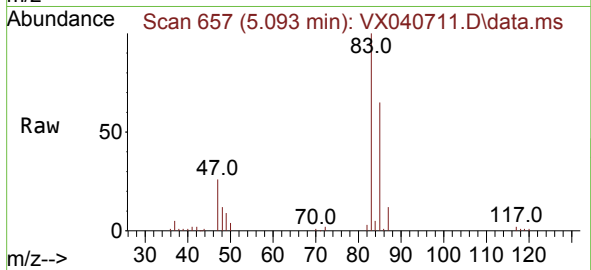




#25
Chloroform
Concen: 19.899 ug/l
RT: 5.093 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

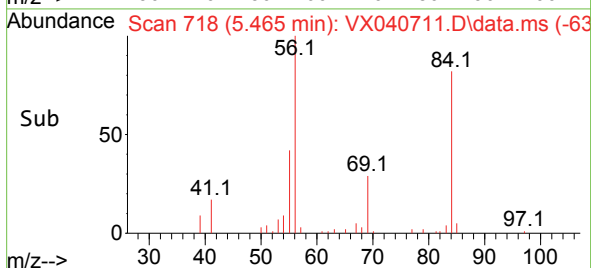
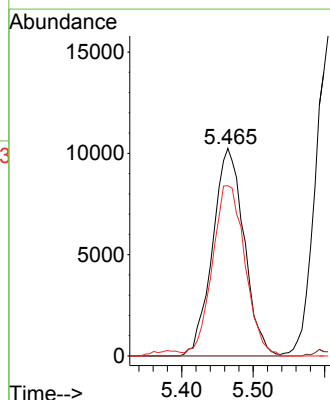
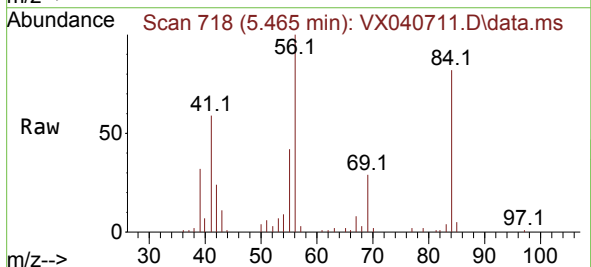
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

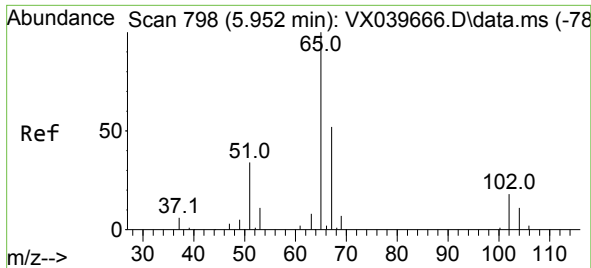
Tgt Ion: 83 Resp: 44629
Ion Ratio Lower Upper
83 100
85 65.0 54.6 81.8



#26
Cyclohexane
Concen: 19.027 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

Tgt Ion: 56 Resp: 31465
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.5 67.2 100.8

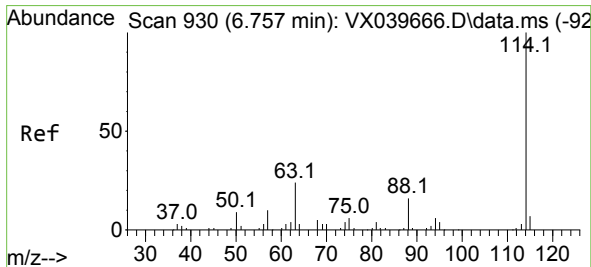
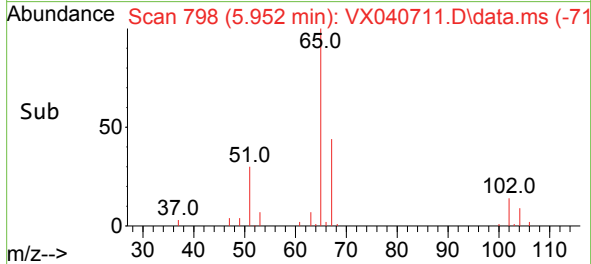
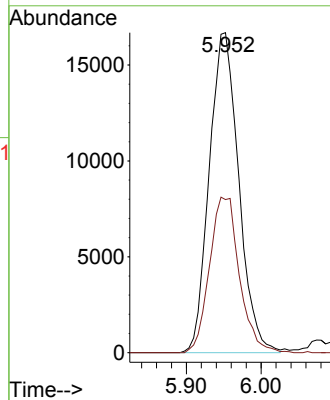
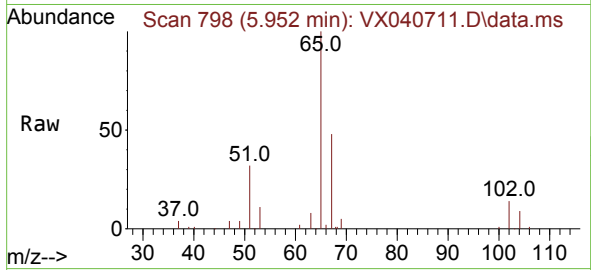




#27
 1,2-Dichloroethane-d4
 Concen: 28.336 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX040711.D
 Acq: 19 Mar 2024 10:18

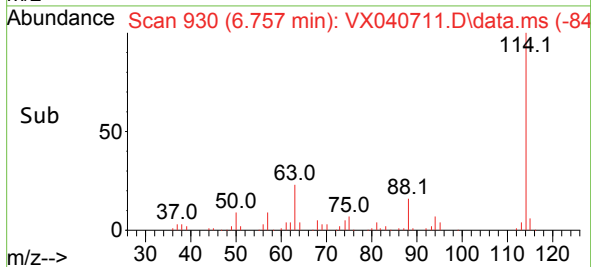
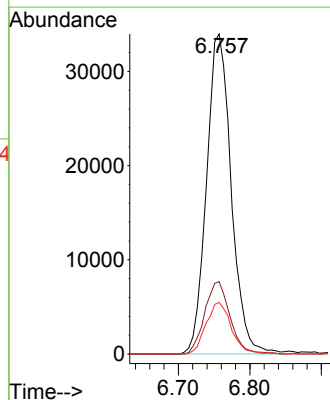
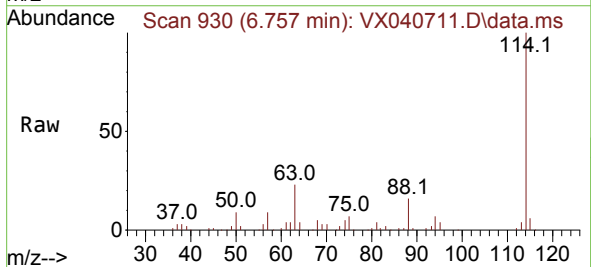
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBSD01

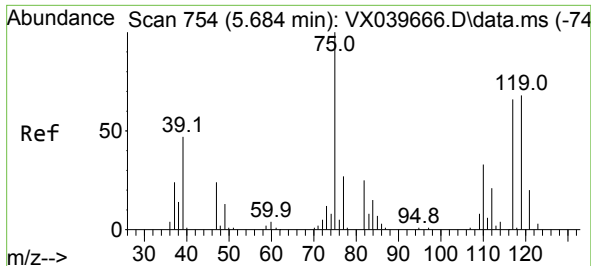
Tgt Ion: 65 Resp: 45790
 Ion Ratio Lower Upper
 65 100
 67 49.2 42.5 63.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX040711.D
 Acq: 19 Mar 2024 10:18

Tgt Ion: 114 Resp: 81638
 Ion Ratio Lower Upper
 114 100
 63 23.1 17.0 25.4
 88 16.3 12.7 19.1





#29

1,1-Dichloropropene

Concen: 21.386 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.000 min

Lab File: VX040711.D

Acq: 19 Mar 2024 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBSD01

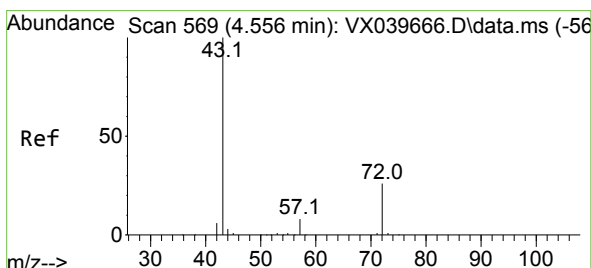
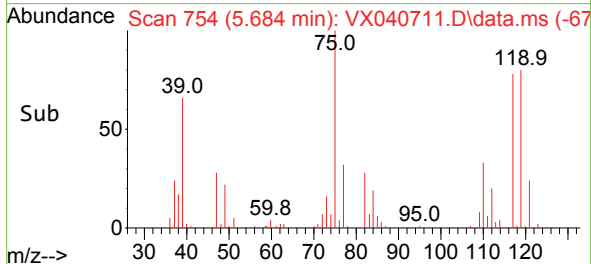
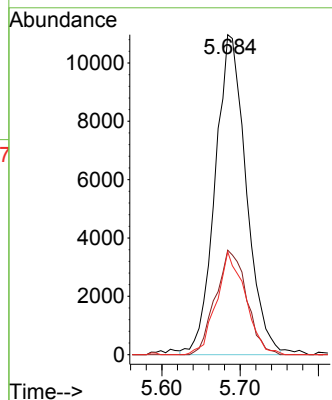
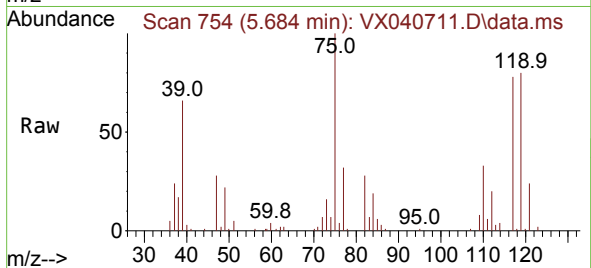
Tgt Ion: 75 Resp: 30221

Ion Ratio Lower Upper

75 100

110 32.6 0.0 71.2

77 29.8 0.0 62.6



#30

2-Butanone

Concen: 120.523 ug/l

RT: 4.544 min Scan# 567

Delta R.T. -0.012 min

Lab File: VX040711.D

Acq: 19 Mar 2024 10:18

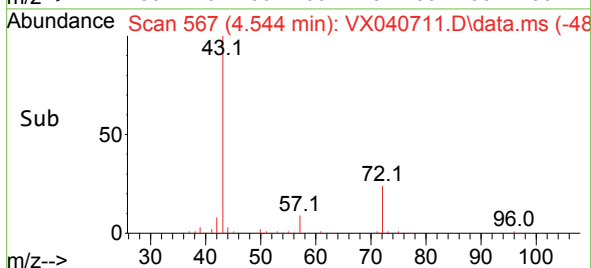
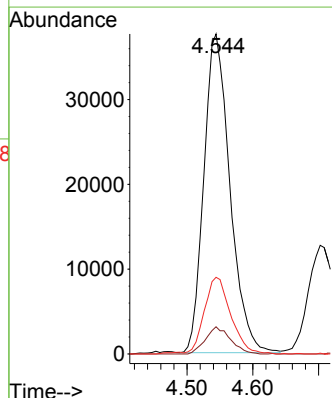
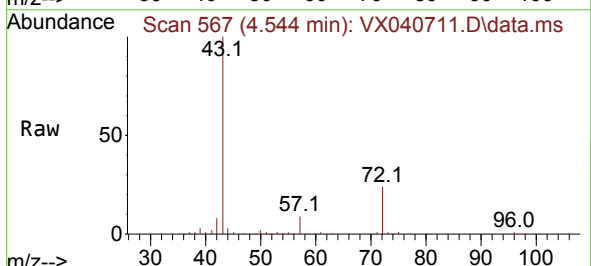
Tgt Ion: 43 Resp: 103927

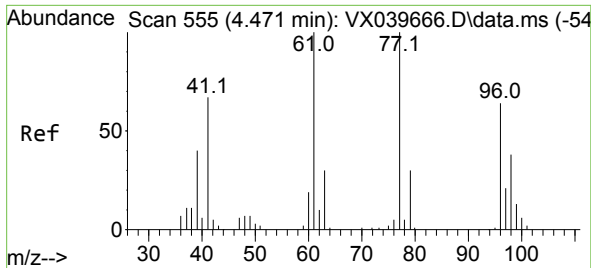
Ion Ratio Lower Upper

43 100

57 8.1 6.6 10.0

72 24.2 20.6 31.0

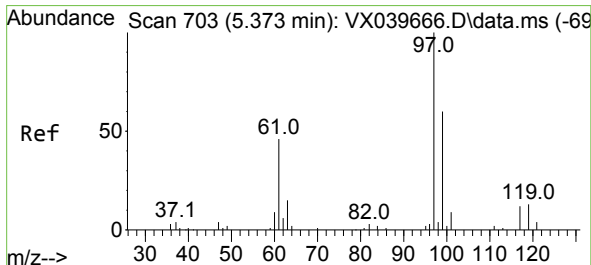
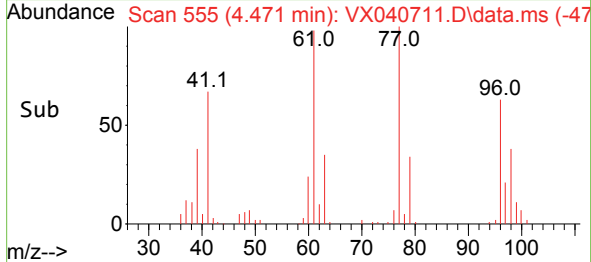
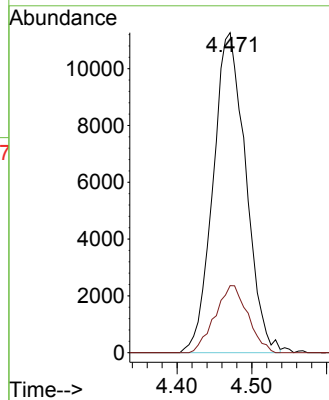
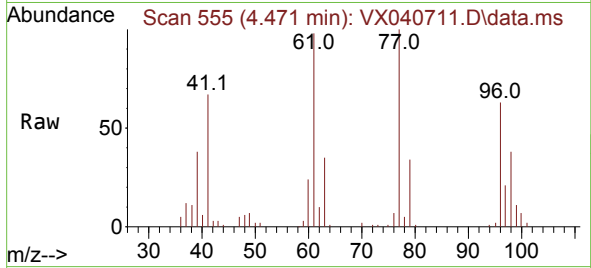




#31
2,2-Dichloropropane
Concen: 22.411 ug/l
RT: 4.471 min Scan# 511
Delta R.T. -0.000 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

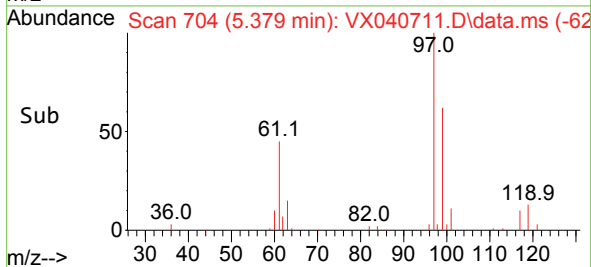
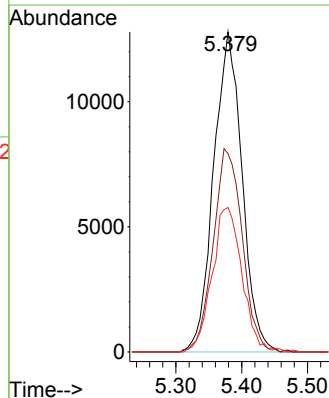
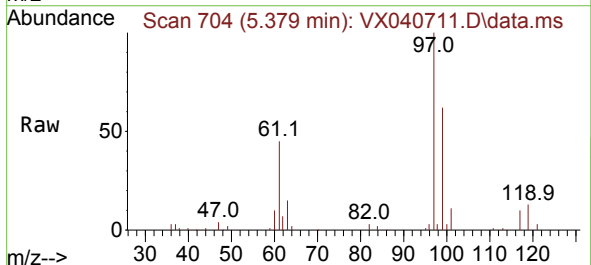
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

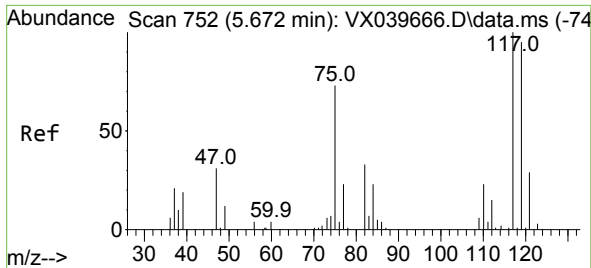
Tgt Ion: 77 Resp: 34180
Ion Ratio Lower Upper
77 100
97 21.1 18.2 27.4



#32
1,1,1-Trichloroethane
Concen: 21.584 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

Tgt Ion: 97 Resp: 38432
Ion Ratio Lower Upper
97 100
99 65.0 52.6 79.0
61 47.3 36.9 55.3

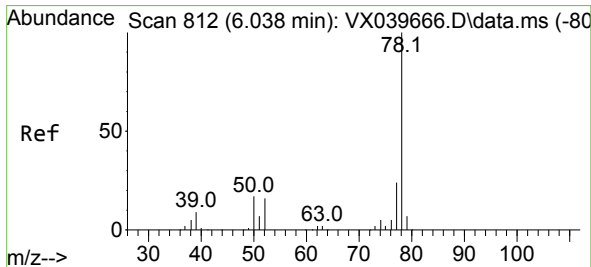
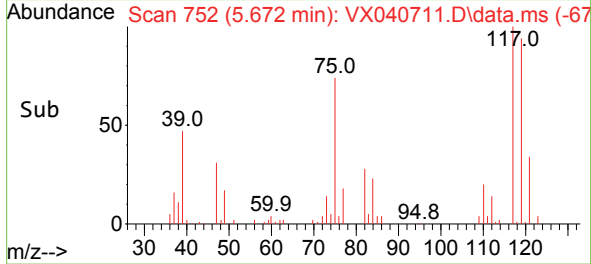
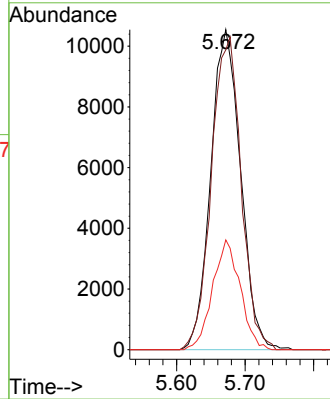
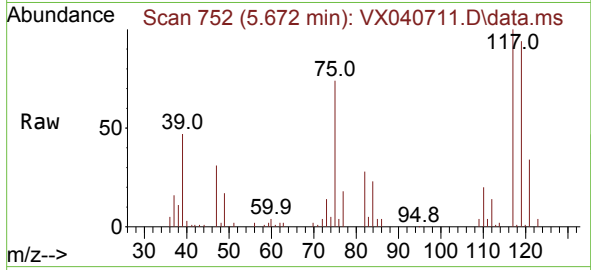




#33
Carbon Tetrachloride
Concen: 21.302 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

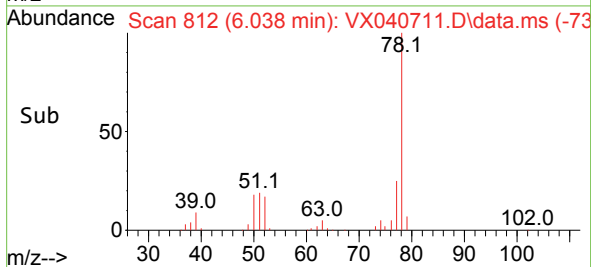
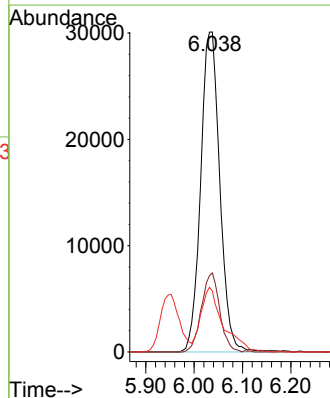
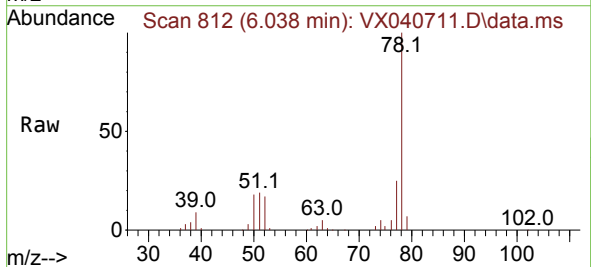
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

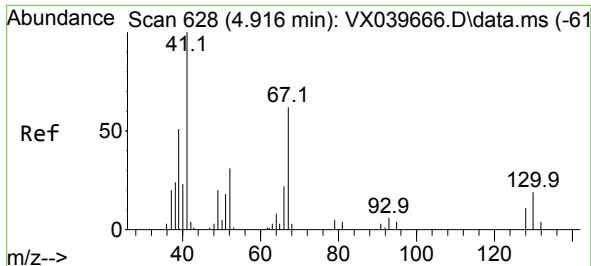
Tgt Ion:	117	Resp:	31913
Ion	Ratio	Lower	Upper
117	100		
119	93.7	78.2	117.4
121	34.3	24.7	37.1



#34
Benzene
Concen: 21.720 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

Tgt Ion:	78	Resp:	82855
Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.3	28.9
51	18.8	14.4	21.6



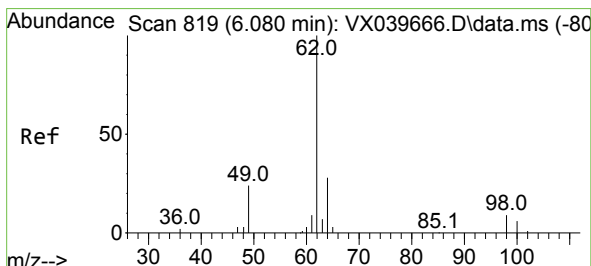
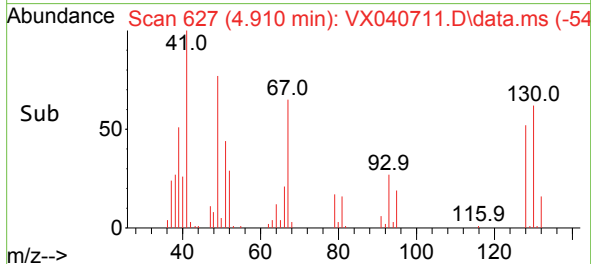
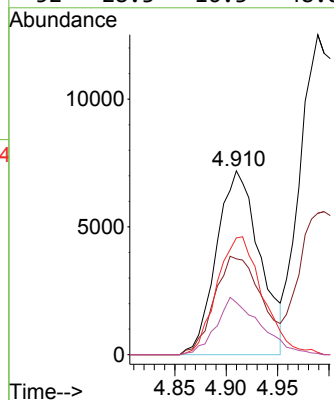
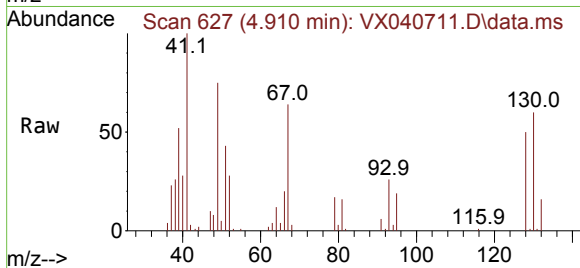


#35
Methacrylonitrile
Concen: 23.831 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

Tgt Ion: 41 Resp: 21096

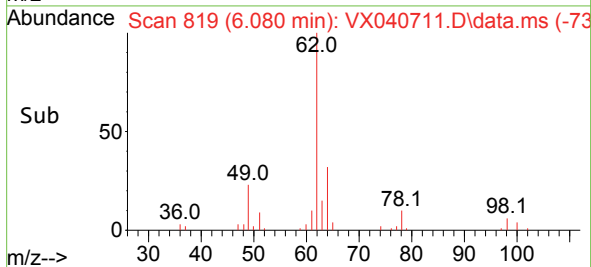
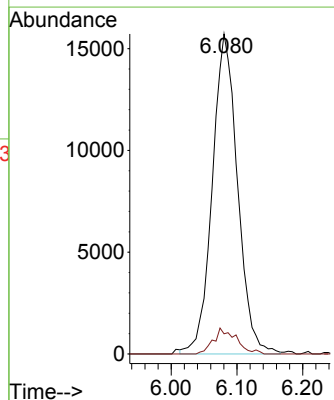
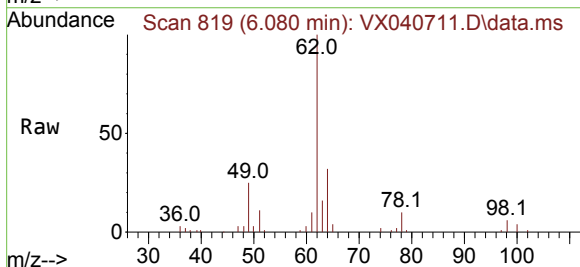
Ion	Ratio	Lower	Upper
41	100		
39	52.1	28.2	84.7
67	63.5	34.5	103.5
52	28.3	16.3	48.8

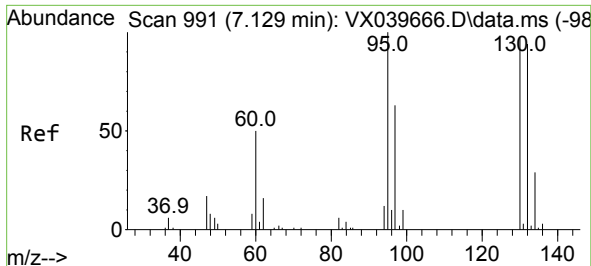


#36
1,2-Dichloroethane
Concen: 23.840 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

Tgt Ion: 62 Resp: 42049

Ion	Ratio	Lower	Upper
62	100		
98	7.1	7.0	10.4

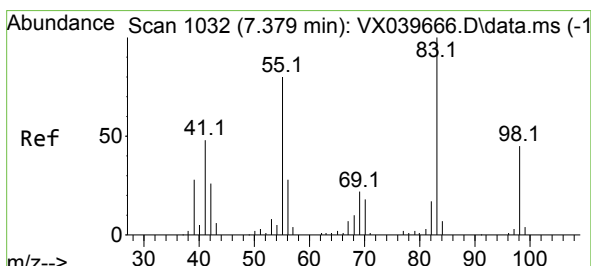
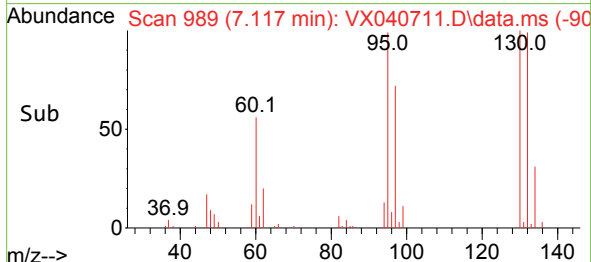
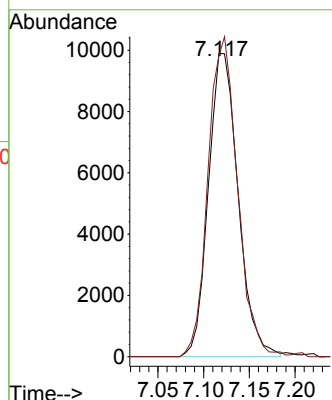
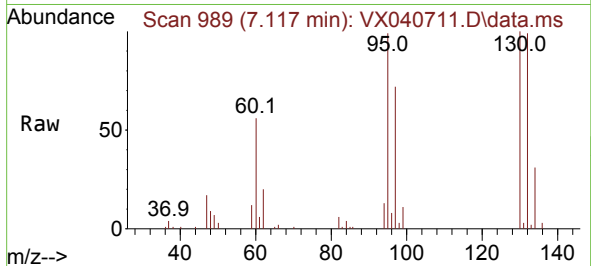




#37
Trichloroethene
Concen: 21.826 ug/l
RT: 7.117 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

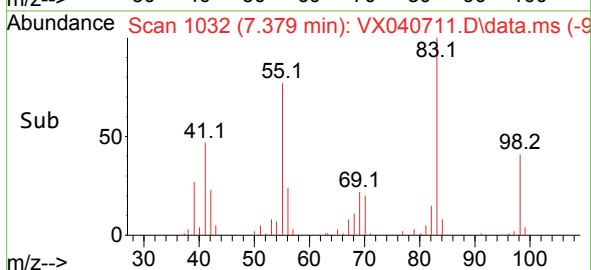
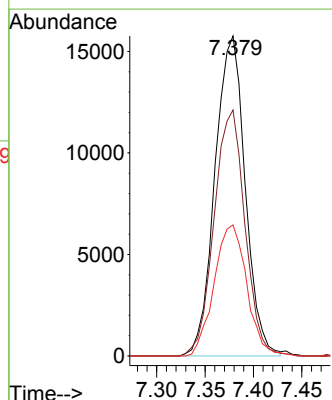
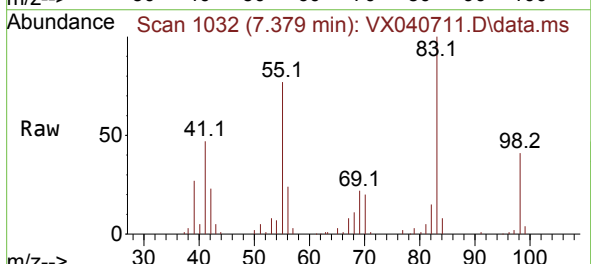
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

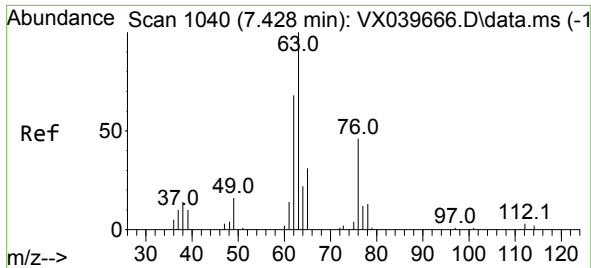
Tgt Ion:130 Resp: 22374
Ion Ratio Lower Upper
130 100
95 99.2 85.8 128.8



#38
Methylcyclohexane
Concen: 22.500 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

Tgt Ion: 83 Resp: 34236
Ion Ratio Lower Upper
83 100
55 78.4 38.6 116.0
98 44.4 22.3 66.8





#39

1,2-Dichloropropane

Concen: 23.125 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX040711.D

Acq: 19 Mar 2024 10:18

Instrument :

MSVOA_X

ClientSampleId :

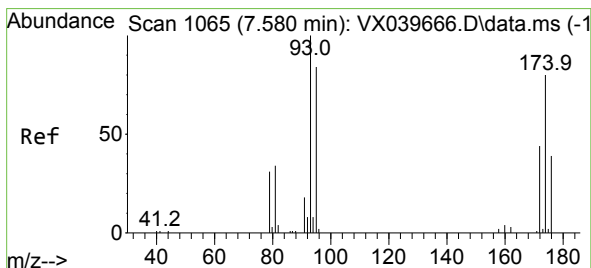
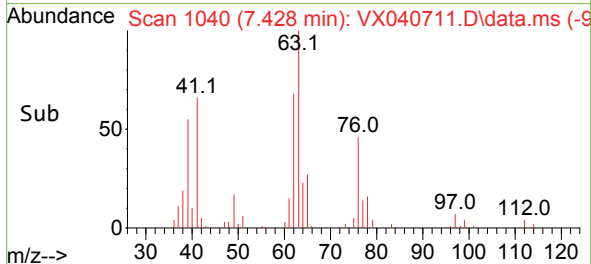
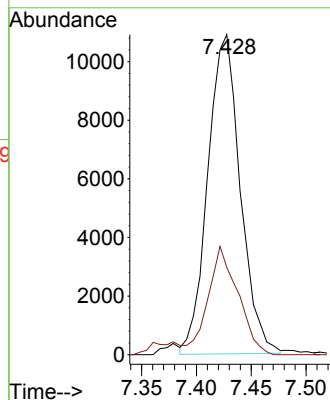
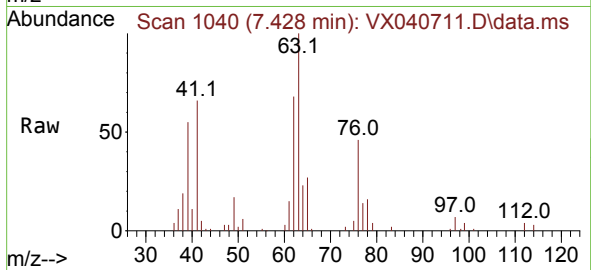
VX0319WBSD01

Tgt Ion: 63 Resp: 22461

Ion Ratio Lower Upper

63 100

65 27.6 24.6 37.0



#40

Dibromomethane

Concen: 23.826 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX040711.D

Acq: 19 Mar 2024 10:18

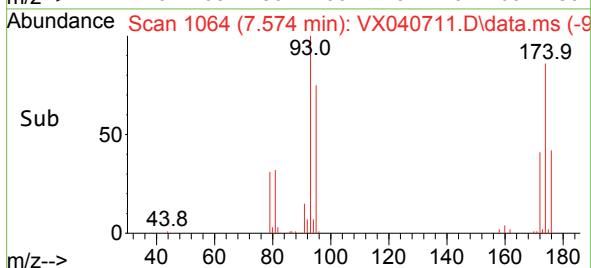
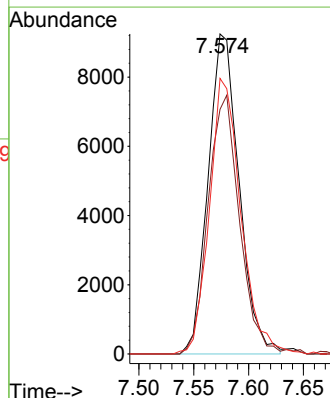
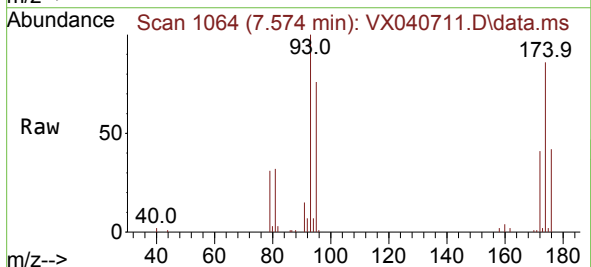
Tgt Ion: 93 Resp: 18180

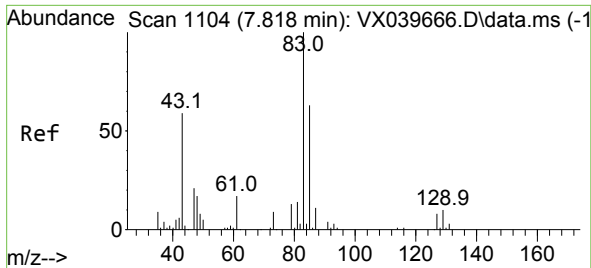
Ion Ratio Lower Upper

93 100

95 81.3 0.0 163.4

174 87.3 0.0 166.4

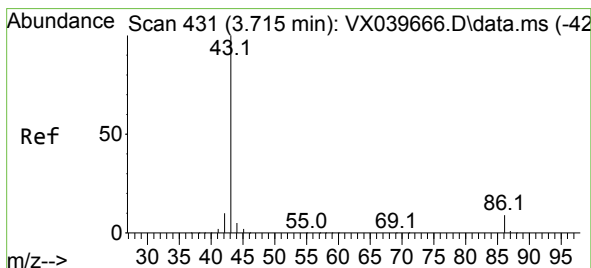
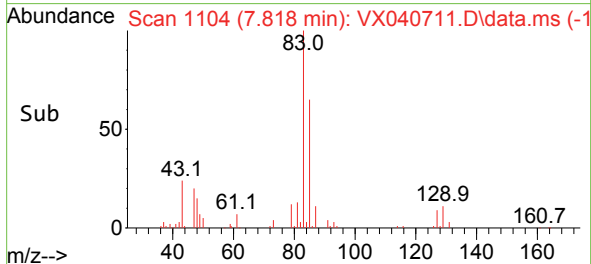
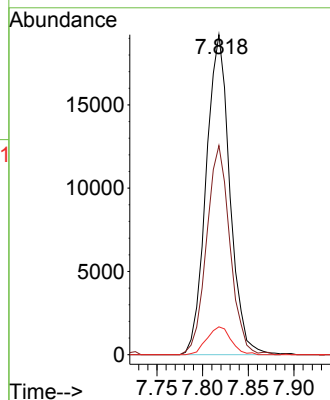
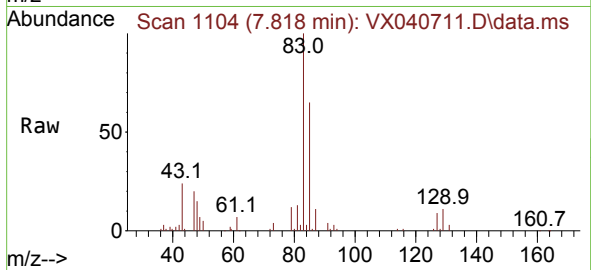




#41
Bromodichloromethane
Concen: 22.778 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

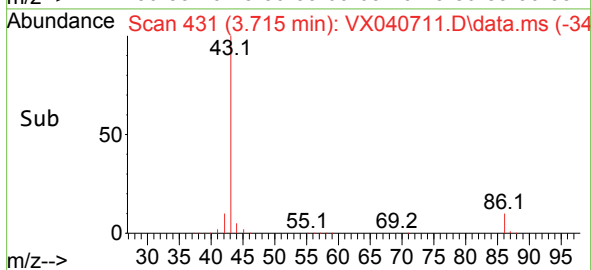
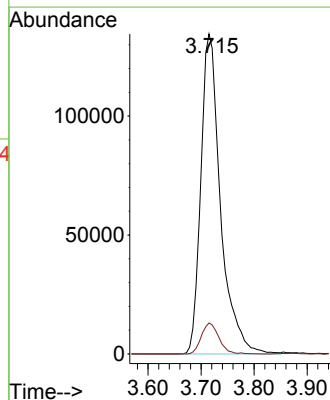
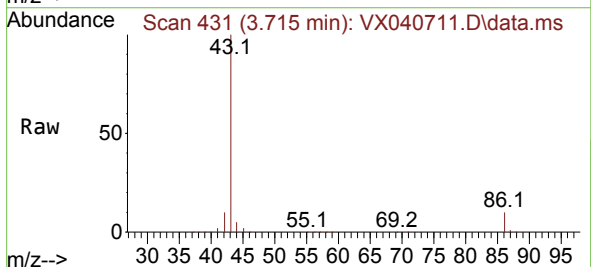
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

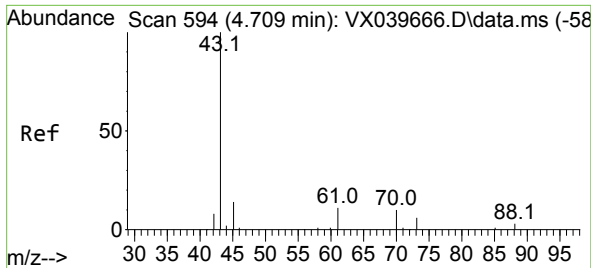
Tgt Ion: 83	Resp: 34577
Ion Ratio	Lower Upper
83 100	
85 65.4	50.8 76.2
127 8.7	5.9 8.9



#42
Vinyl Acetate
Concen: 117.036 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

Tgt Ion: 43	Resp: 347468
Ion Ratio	Lower Upper
43 100	
86 8.5	6.7 10.1

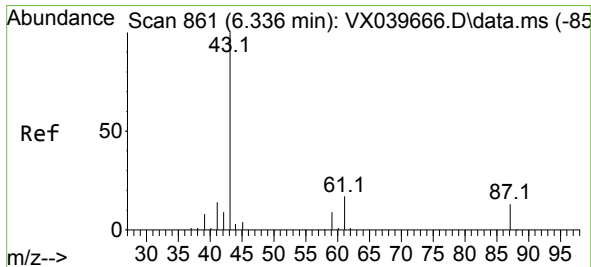
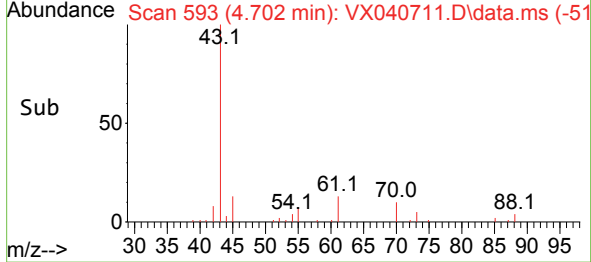
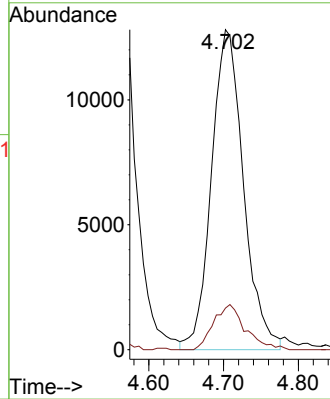
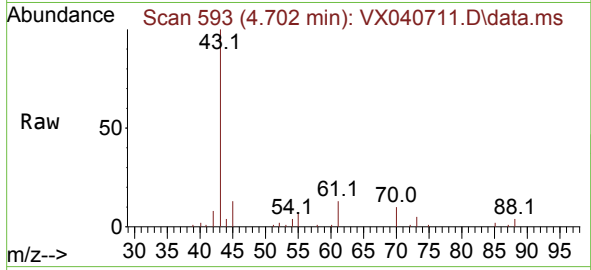




#43
Ethyl Acetate
Concen: 23.477 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.007 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

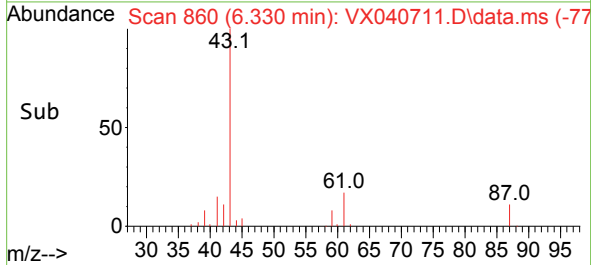
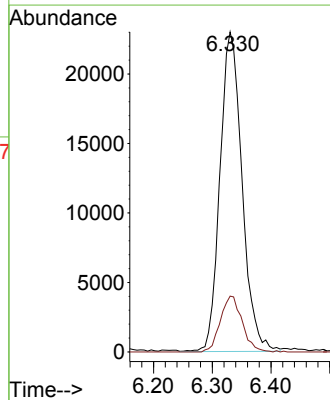
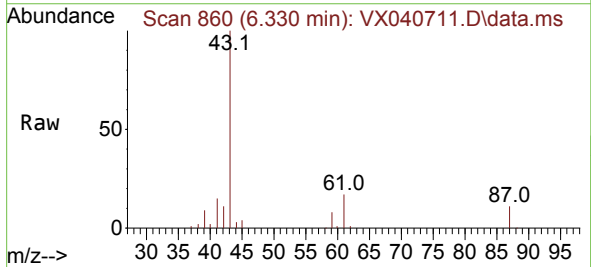
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

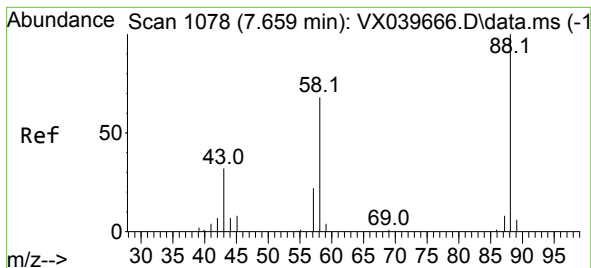
Tgt Ion: 43 Resp: 38127
Ion Ratio Lower Upper
43 100
45 14.1 11.8 17.8



#44
Isopropyl Acetate
Concen: 23.165 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

Tgt Ion: 43 Resp: 60050
Ion Ratio Lower Upper
43 100
61 17.2 15.6 23.4





#45

1,4-Dioxane

Concen: 466.323 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.006 min

Lab File: VX040711.D

Acq: 19 Mar 2024 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBSD01

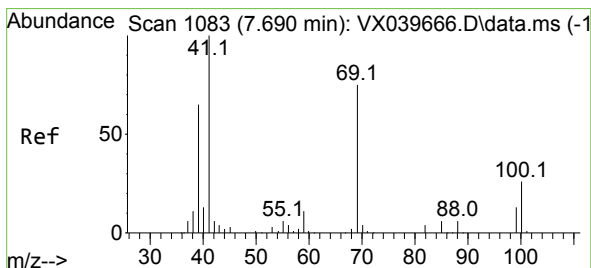
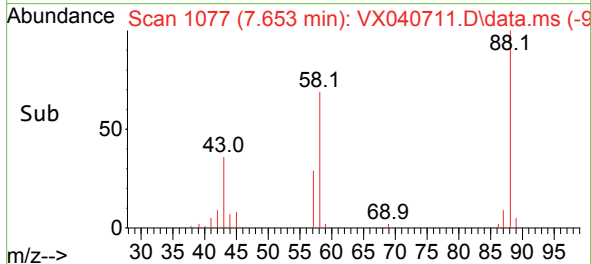
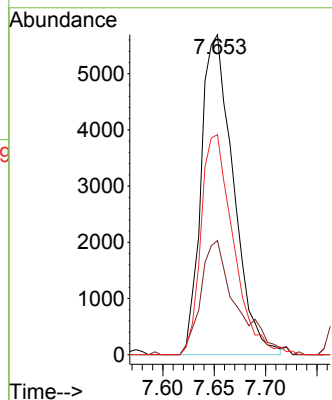
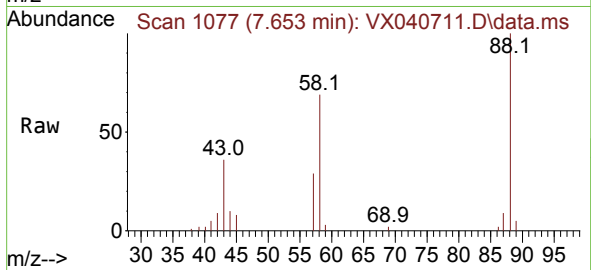
Tgt Ion: 88 Resp: 12426

Ion Ratio Lower Upper

88 100

43 34.5 28.1 42.1

58 68.5 57.7 86.5



#46

Methyl methacrylate

Concen: 24.662 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. -0.000 min

Lab File: VX040711.D

Acq: 19 Mar 2024 10:18

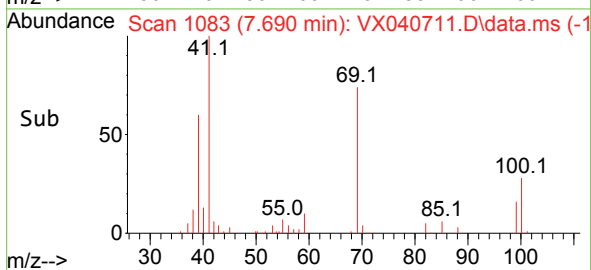
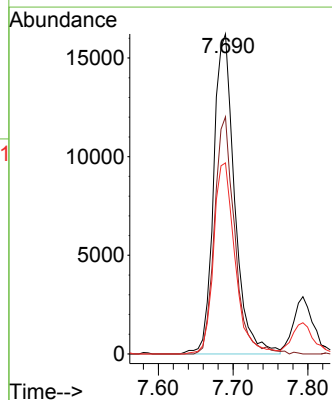
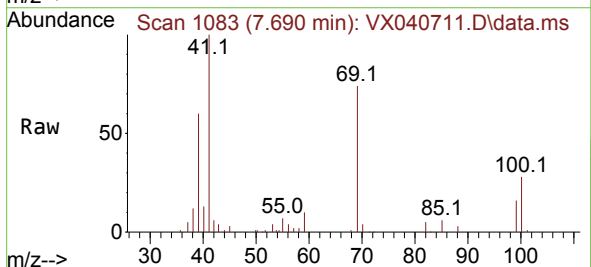
Tgt Ion: 41 Resp: 31754

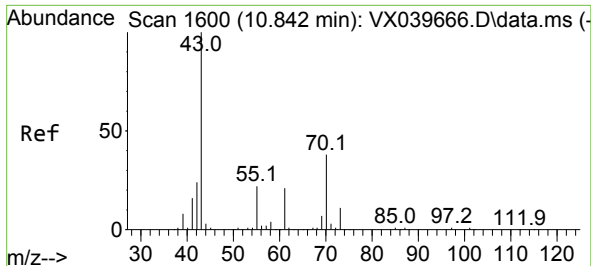
Ion Ratio Lower Upper

41 100

69 74.1 39.6 118.8

39 59.7 30.1 90.3

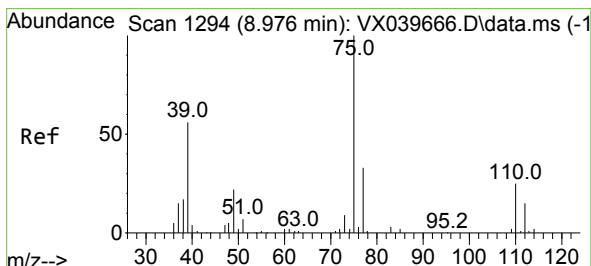
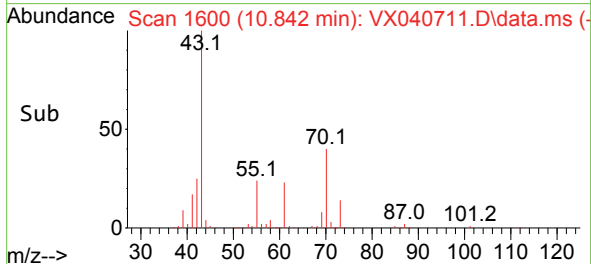
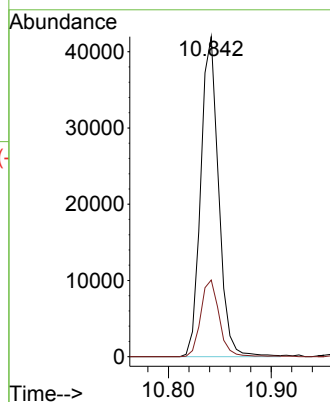
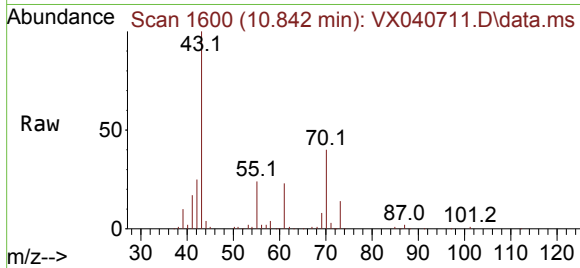




#47
n-amyl acetate
Concen: 22.790 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

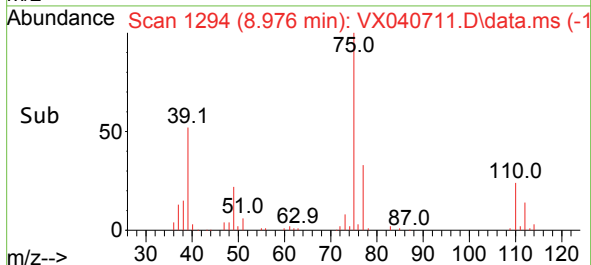
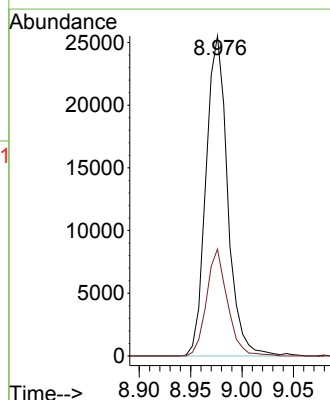
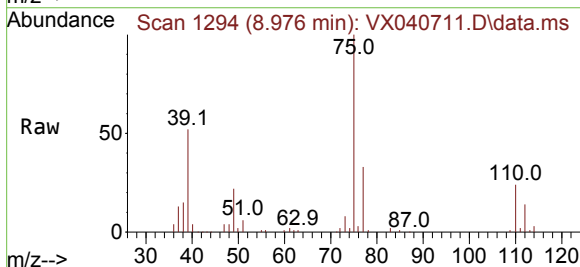
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

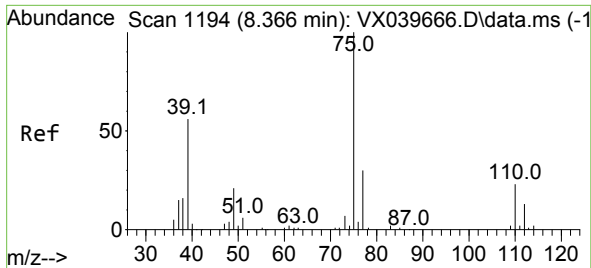
Tgt Ion: 43 Resp: 50918
Ion Ratio Lower Upper
43 100
55 24.7 18.2 27.2



#48
t-1,3-Dichloropropene
Concen: 23.376 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

Tgt Ion: 75 Resp: 37505
Ion Ratio Lower Upper
75 100
77 33.4 26.8 40.2

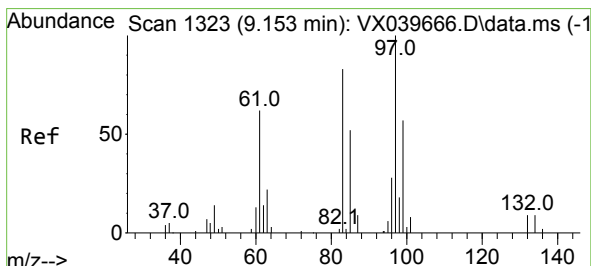
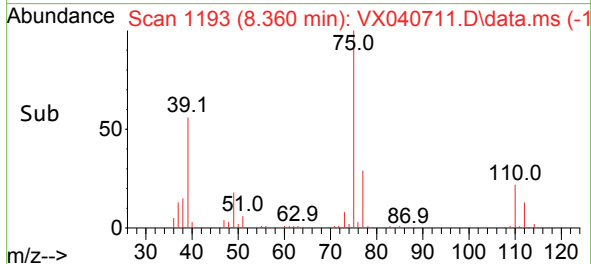
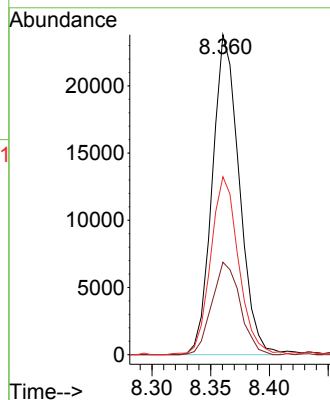
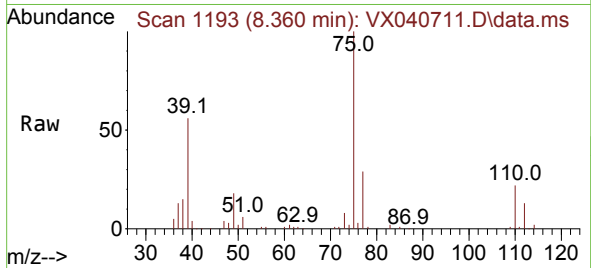




#49
 cis-1,3-Dichloropropene
 Concen: 23.265 ug/l
 RT: 8.360 min Scan# 1194
 Delta R.T. -0.006 min
 Lab File: VX040711.D
 Acq: 19 Mar 2024 10:18

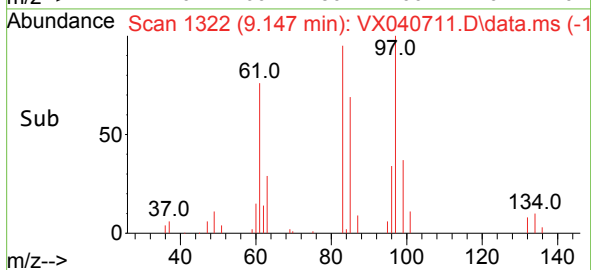
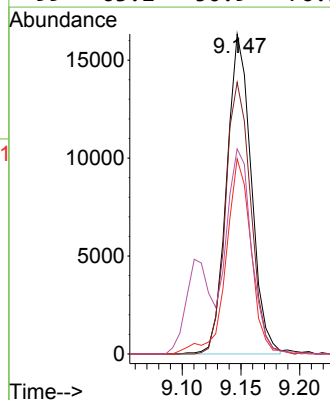
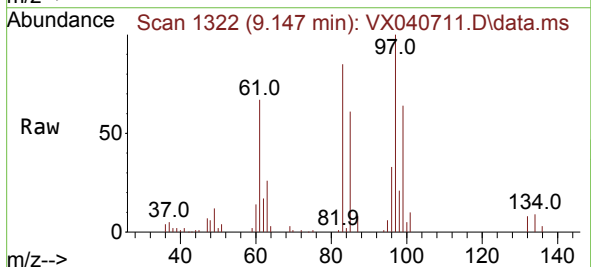
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBSD01

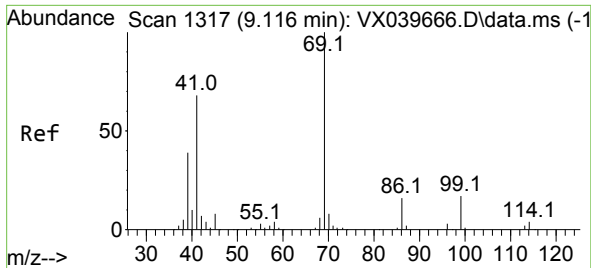
Tgt Ion: 75 Resp: 38025
 Ion Ratio Lower Upper
 75 100
 77 28.9 24.4 36.6
 39 55.2 40.6 60.8



#50
 1,1,2-Trichloroethane
 Concen: 23.465 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. -0.006 min
 Lab File: VX040711.D
 Acq: 19 Mar 2024 10:18

Tgt Ion: 97 Resp: 23783
 Ion Ratio Lower Upper
 97 100
 83 84.9 69.0 103.6
 85 60.0 46.3 69.5
 99 63.2 50.9 76.3

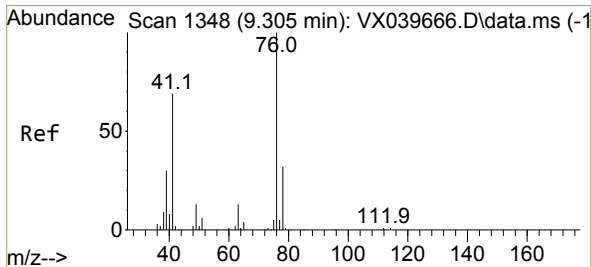
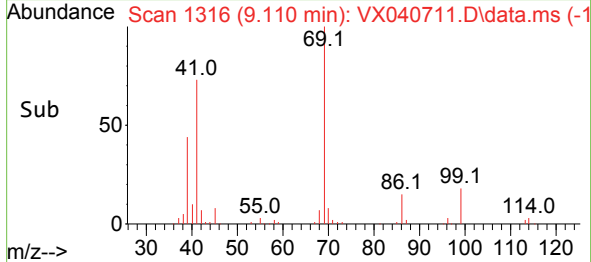
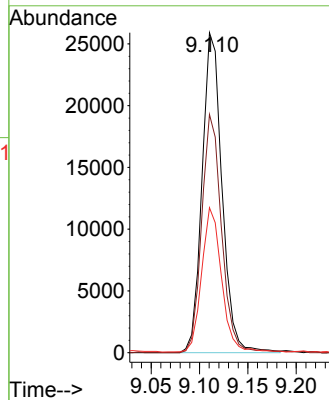
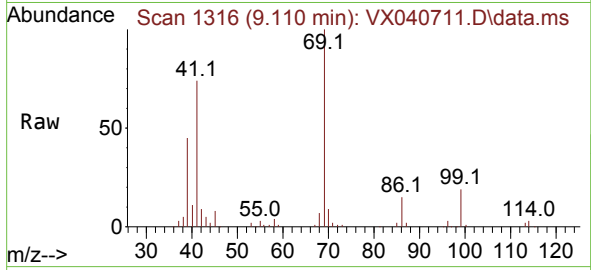




#51
Ethyl methacrylate
Concen: 23.398 ug/l
RT: 9.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

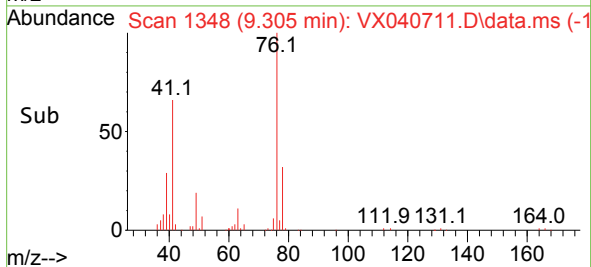
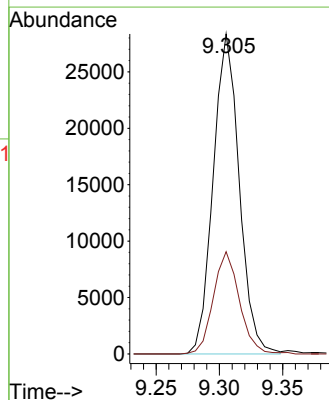
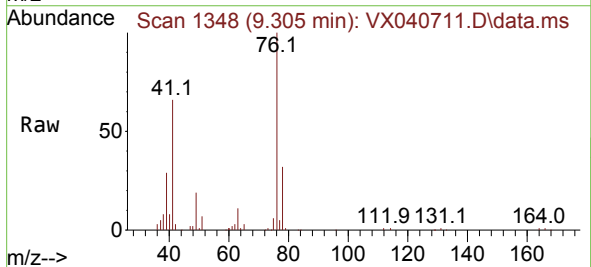
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

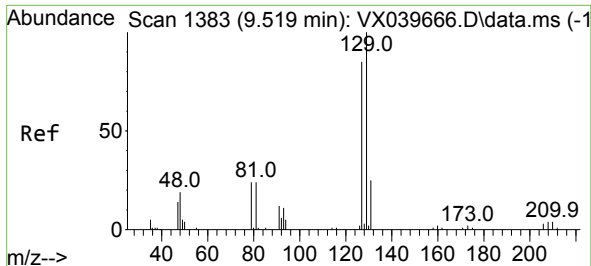
Tgt Ion: 69 Resp: 37336
Ion Ratio Lower Upper
69 100
41 74.4 36.2 108.6
39 45.0 21.1 63.4



#52
1,3-Dichloropropane
Concen: 23.466 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

Tgt Ion: 76 Resp: 40584
Ion Ratio Lower Upper
76 100
78 31.9 0.0 65.0

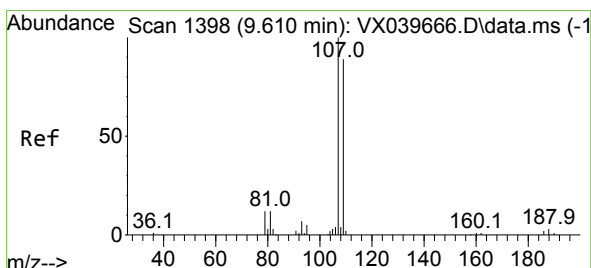
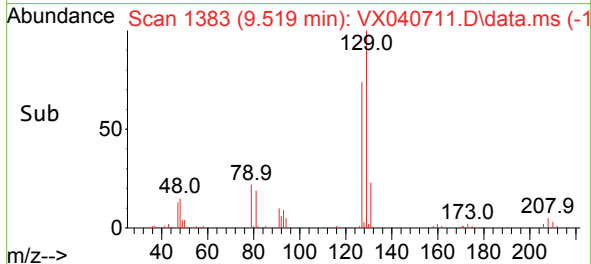
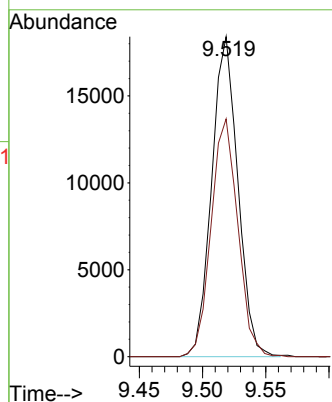
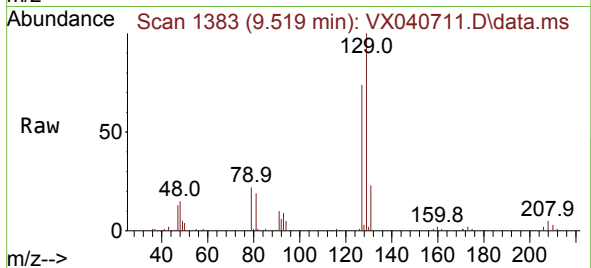




#53
Dibromochloromethane
Concen: 22.916 ug/l
RT: 9.519 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

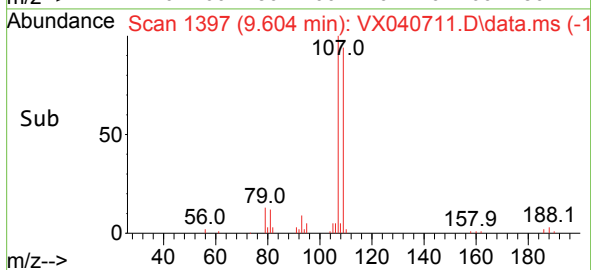
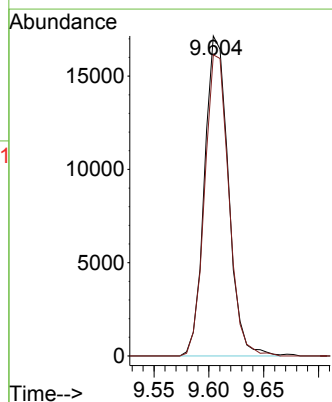
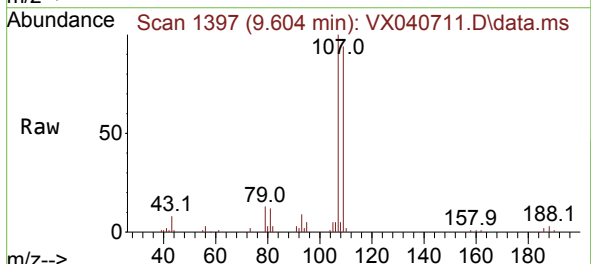
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

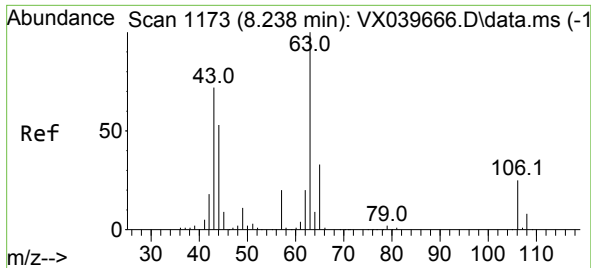
Tgt Ion:129 Resp: 26477
Ion Ratio Lower Upper
129 100
127 76.0 38.3 114.9



#54
1,2-Dibromoethane
Concen: 23.173 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

Tgt Ion:107 Resp: 25988
Ion Ratio Lower Upper
107 100
109 95.1 75.1 112.7





#55

2-Chloroethyl vinyl ether

Concen: 99.851 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX040711.D

Acq: 19 Mar 2024 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBSD01

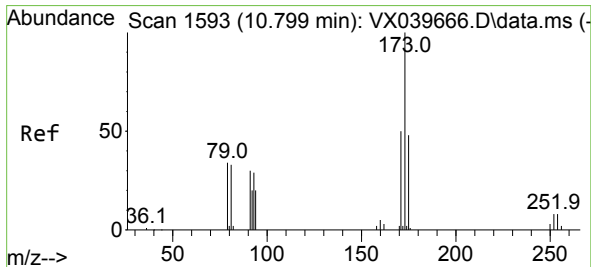
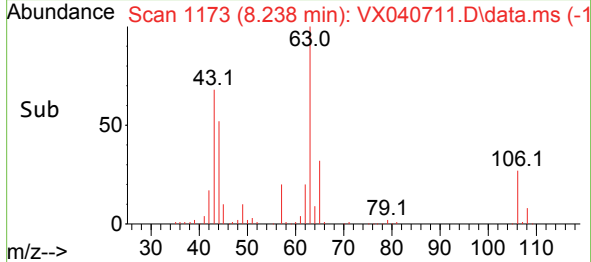
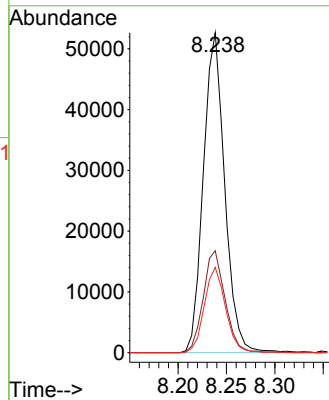
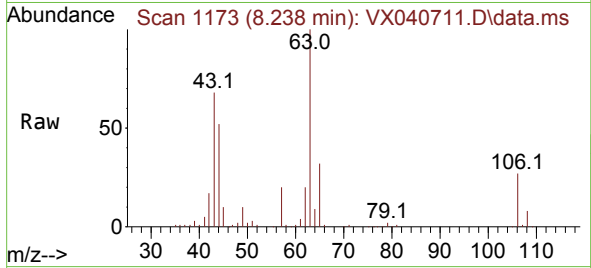
Tgt Ion: 63 Resp: 81138

Ion Ratio Lower Upper

63 100

65 32.5 25.8 38.6

106 26.4 20.6 31.0



#56

Bromoform

Concen: 23.551 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040711.D

Acq: 19 Mar 2024 10:18

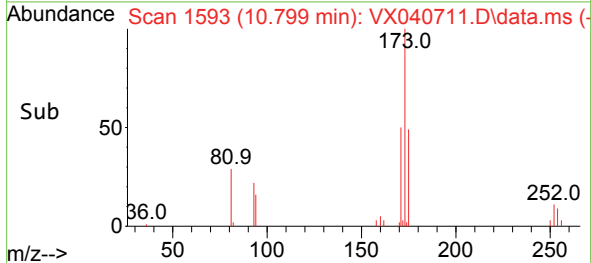
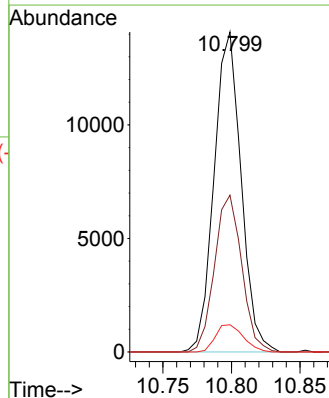
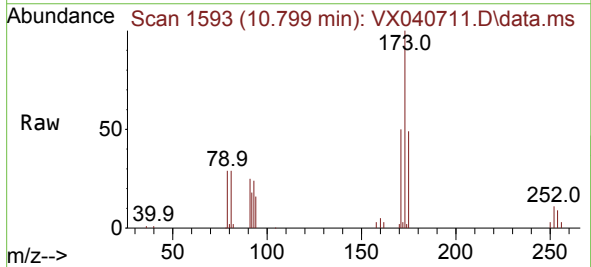
Tgt Ion: 173 Resp: 19300

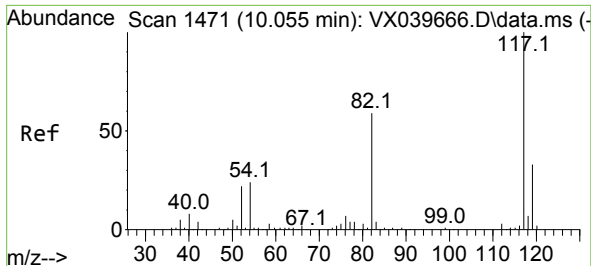
Ion Ratio Lower Upper

173 100

175 49.4 37.6 56.4

254 8.8 5.8 8.8#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VX040711.D

Acq: 19 Mar 2024 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBSD01

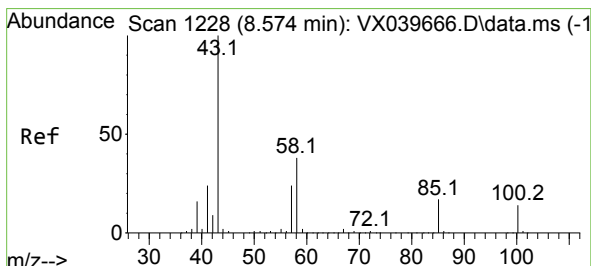
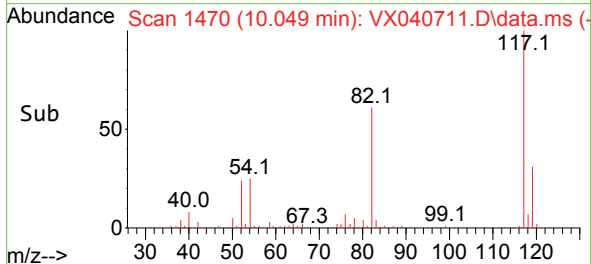
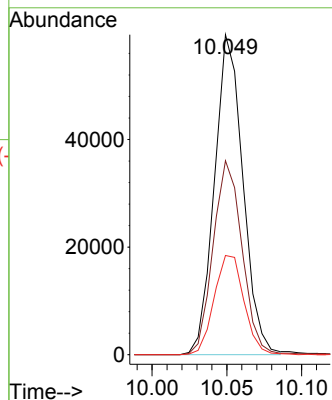
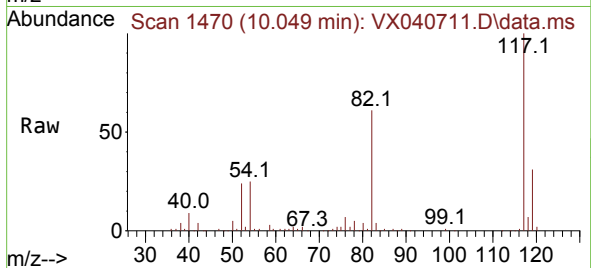
Tgt Ion:117 Resp: 78864

Ion Ratio Lower Upper

117 100

82 61.9 47.0 70.6

119 32.6 25.2 37.8



#58

4-Methyl-2-Pentanone

Concen: 115.493 ug/l

RT: 8.568 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VX040711.D

Acq: 19 Mar 2024 10:18

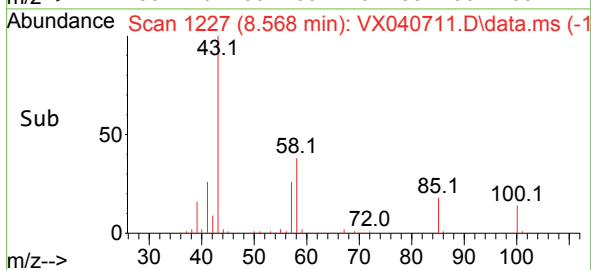
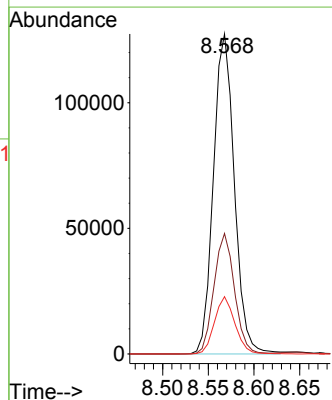
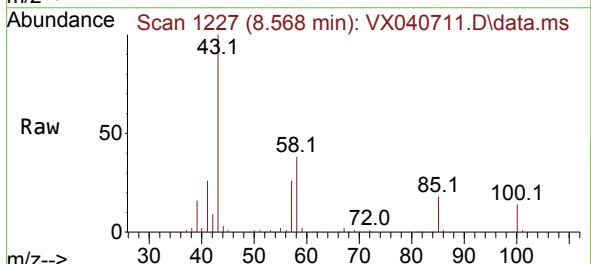
Tgt Ion: 43 Resp: 202818

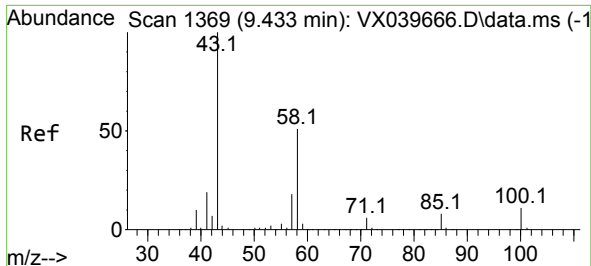
Ion Ratio Lower Upper

43 100

58 36.9 30.1 45.1

85 17.5 13.9 20.9

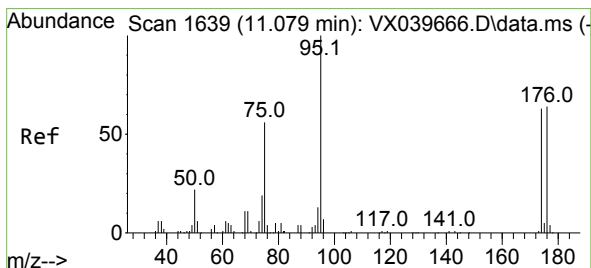
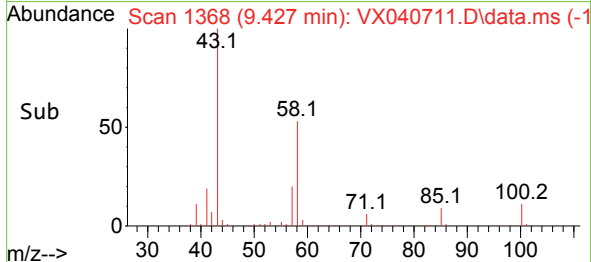
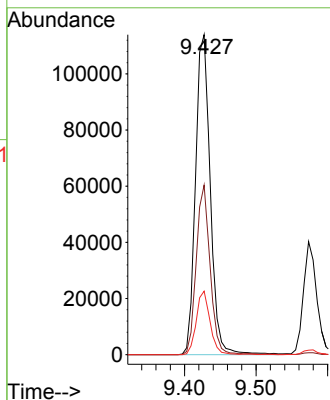
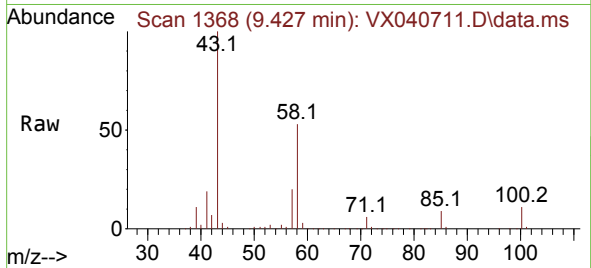




#59
2-Hexanone
Concen: 115.170 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

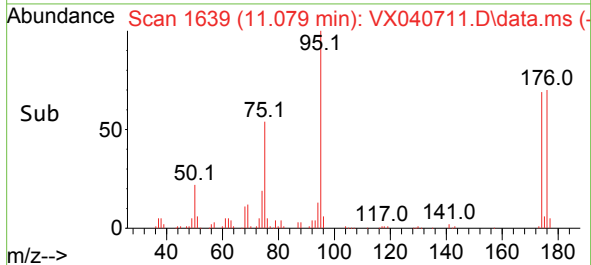
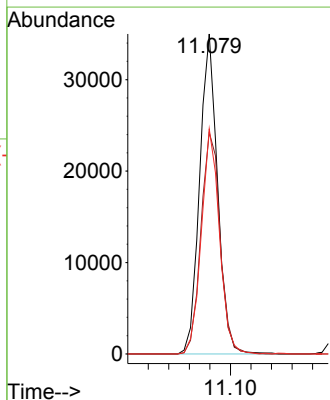
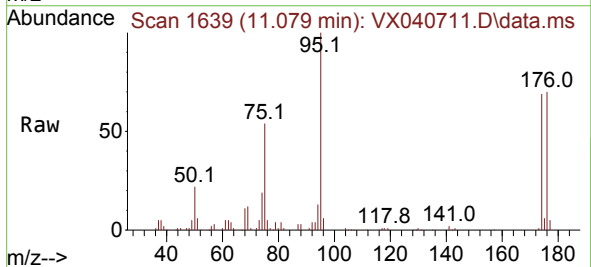
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

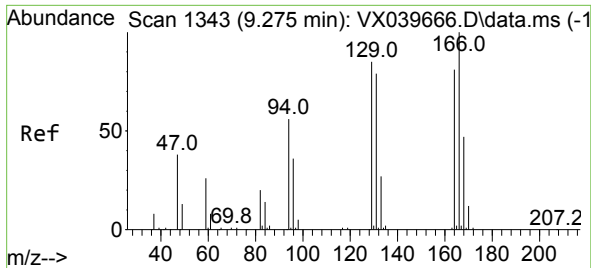
Tgt Ion: 43 Resp: 163365
Ion Ratio Lower Upper
43 100
58 49.4 42.7 64.1
57 18.5 14.8 22.2



#60
4-Bromofluorobenzene
Concen: 31.347 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

Tgt Ion: 95 Resp: 42405
Ion Ratio Lower Upper
95 100
174 74.3 55.4 83.2
176 70.9 52.6 78.8

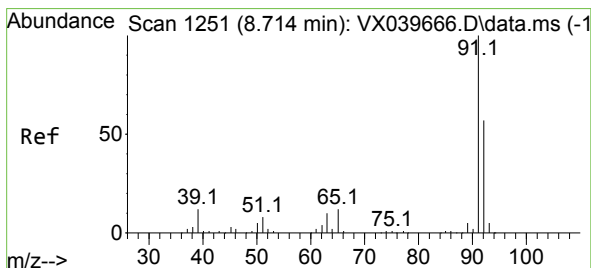
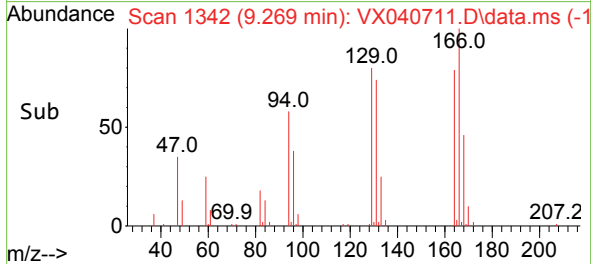
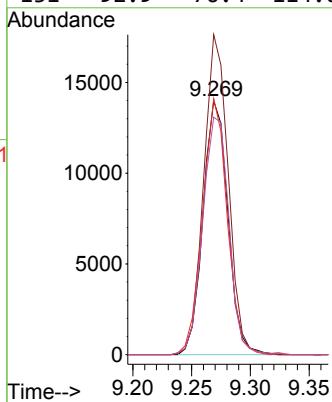
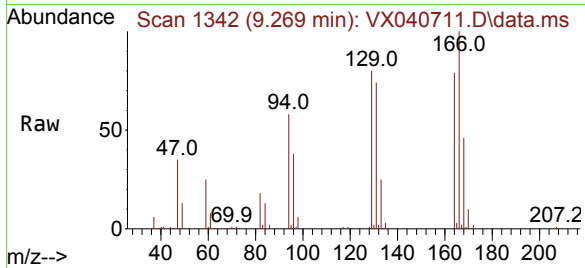




#61
Tetrachloroethene
Concen: 22.085 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

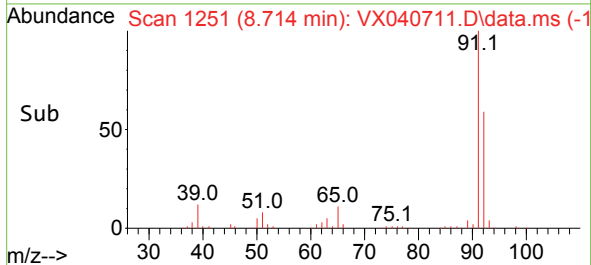
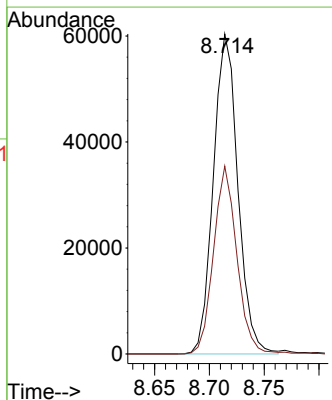
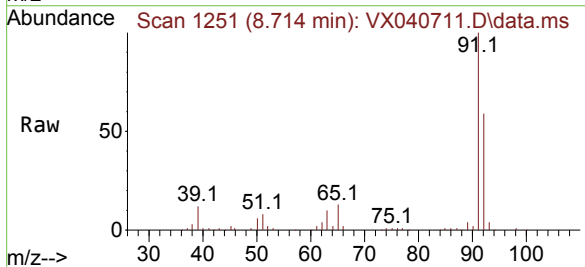
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

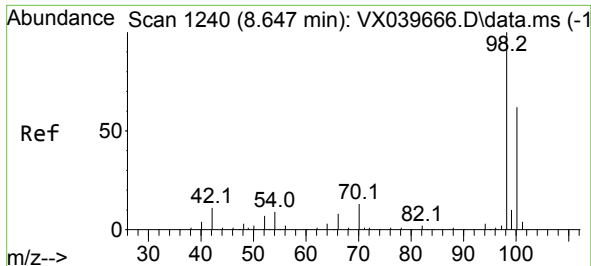
Tgt Ion:164 Resp: 20673
Ion Ratio Lower Upper
164 100
166 126.1 104.0 156.0
129 100.3 82.0 123.0
131 92.9 76.4 114.6



#62
Toluene
Concen: 21.633 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

Tgt Ion: 91 Resp: 93963
Ion Ratio Lower Upper
91 100
92 56.0 45.9 68.9

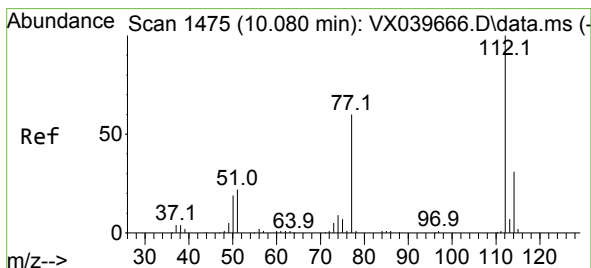
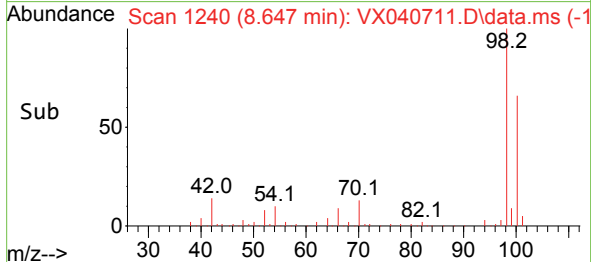
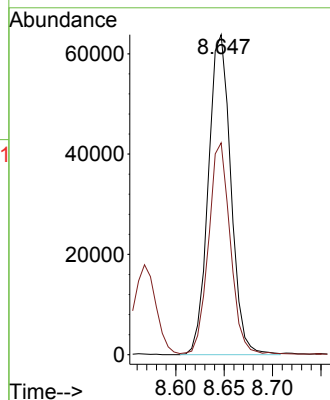
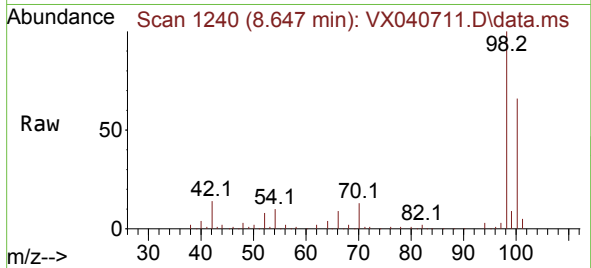




#63
Toluene-d8
Concen: 29.668 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

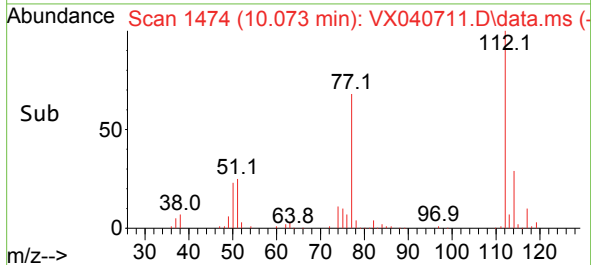
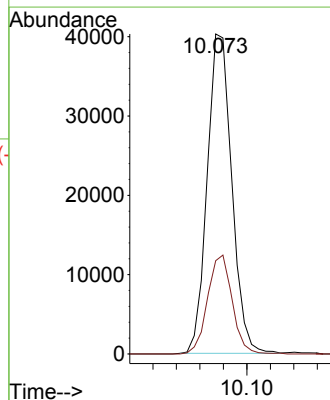
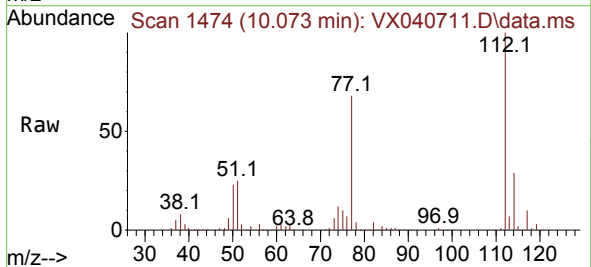
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

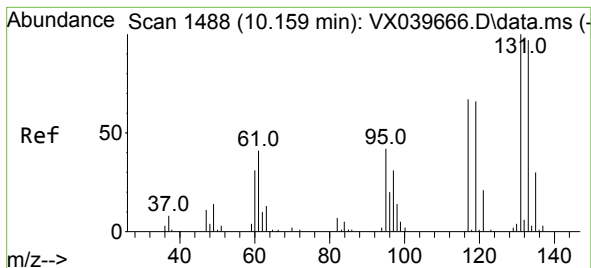
Tgt Ion: 98 Resp: 103398
Ion Ratio Lower Upper
98 100
100 63.2 51.0 76.4



#64
Chlorobenzene
Concen: 22.040 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.007 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

Tgt Ion: 112 Resp: 58510
Ion Ratio Lower Upper
112 100
114 29.2 25.9 38.9

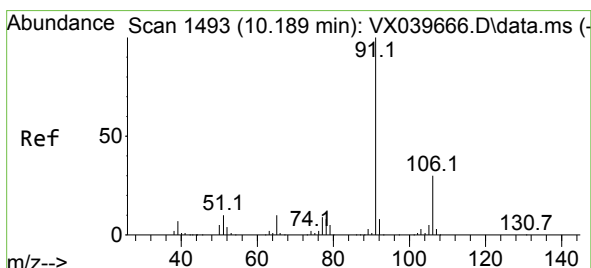
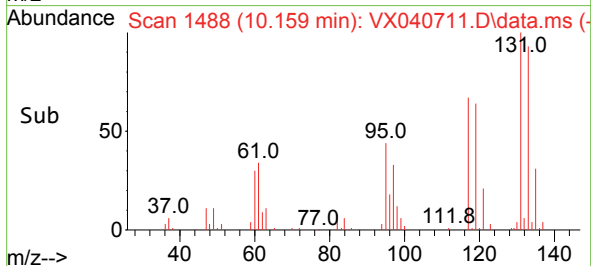
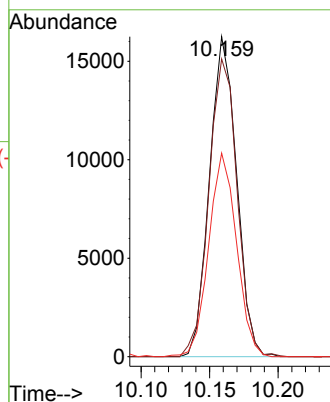
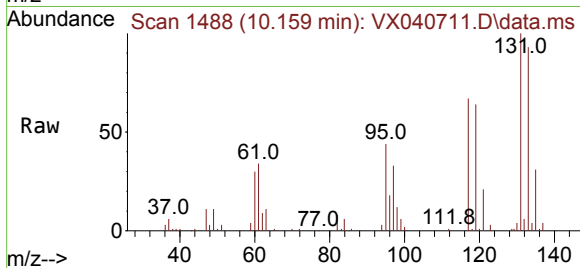




#65
1,1,1,2-Tetrachloroethane
Concen: 22.068 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

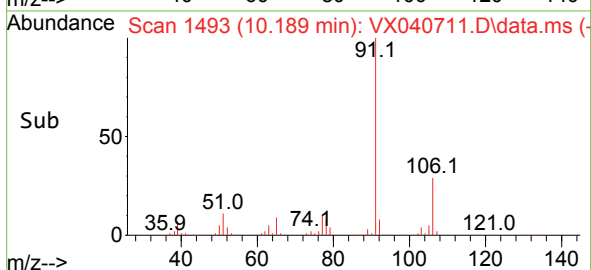
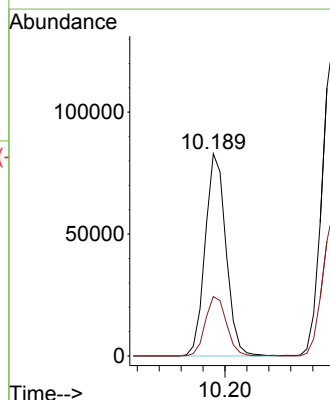
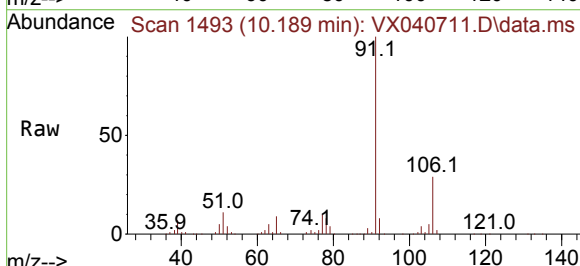
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

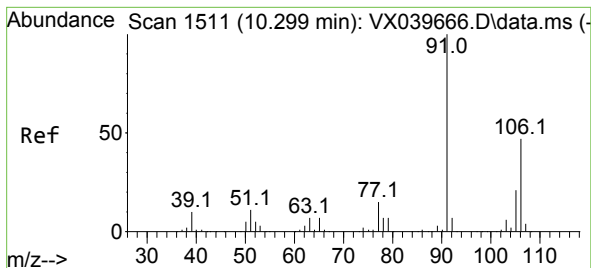
Tgt Ion:131 Resp: 22345
Ion Ratio Lower Upper
131 100
133 97.0 0.0 191.8
119 65.3 0.0 135.4



#66
Ethyl Benzene
Concen: 21.831 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

Tgt Ion: 91 Resp: 109331
Ion Ratio Lower Upper
91 100
106 29.4 24.4 36.6

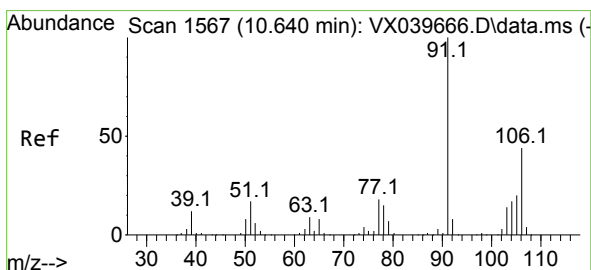
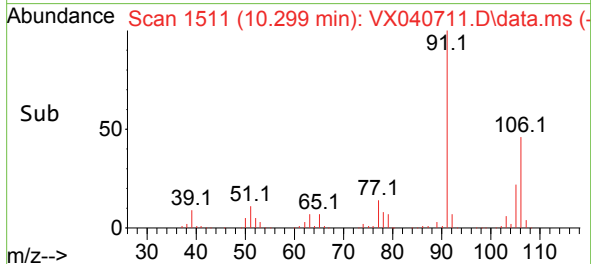
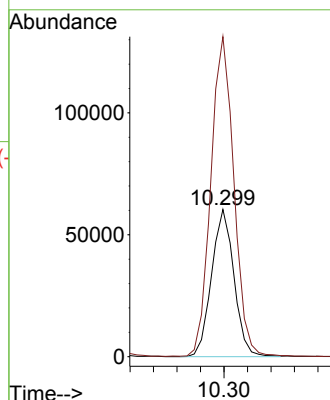
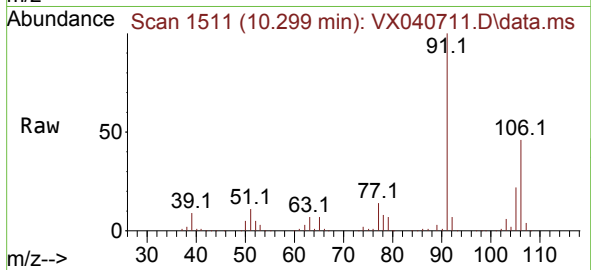




#67
m/p-Xylenes
Concen: 43.366 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

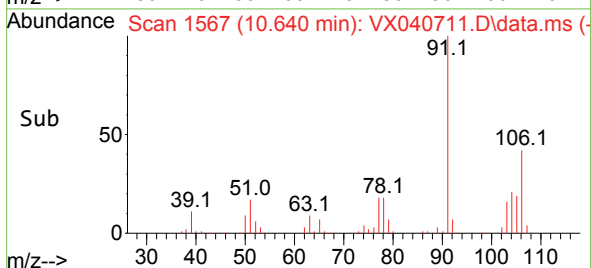
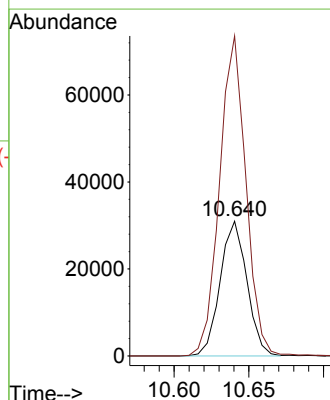
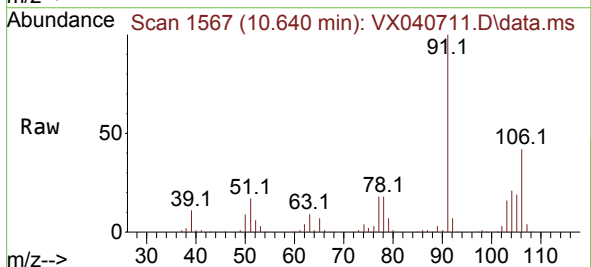
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

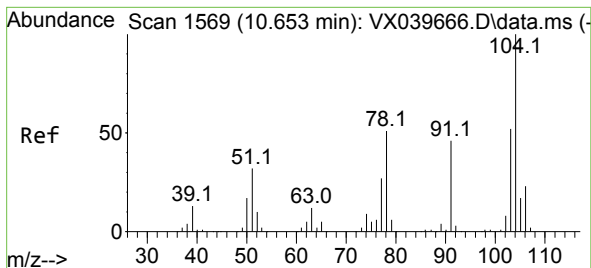
Tgt Ion:106 Resp: 80199
Ion Ratio Lower Upper
106 100
91 223.8 169.4 254.0



#68
o-Xylene
Concen: 21.721 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

Tgt Ion:106 Resp: 38670
Ion Ratio Lower Upper
106 100
91 234.0 111.2 333.6





#69

Styrene

Concen: 21.849 ug/l

RT: 10.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040711.D

Acq: 19 Mar 2024 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBSD01

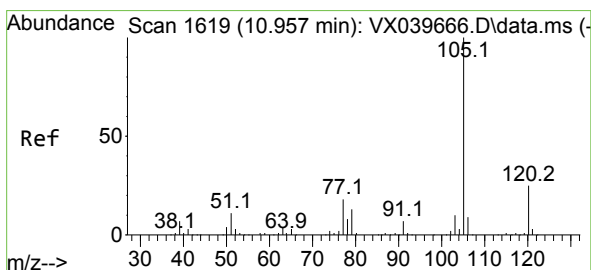
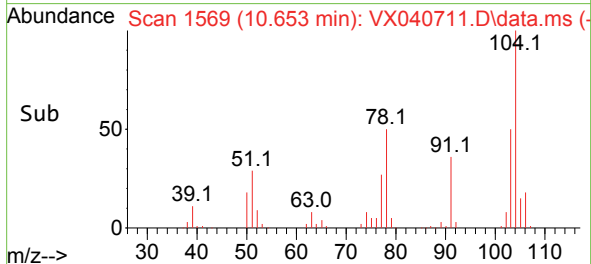
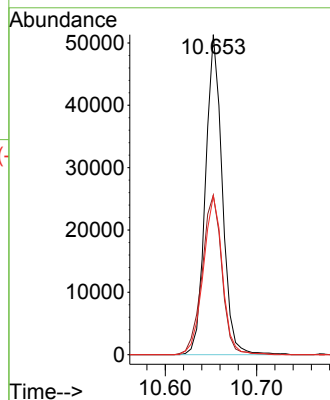
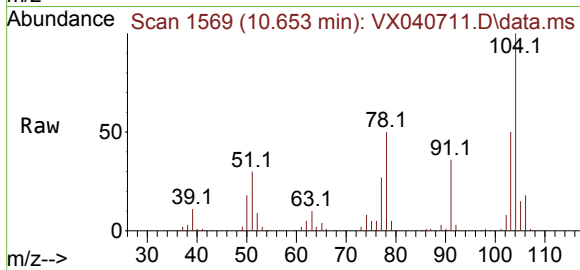
Tgt Ion:104 Resp: 65352

Ion Ratio Lower Upper

104 100

78 58.6 43.7 65.5

103 56.3 44.6 67.0



#70

Isopropylbenzene

Concen: 22.423 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VX040711.D

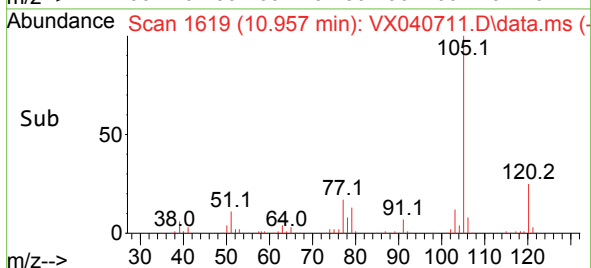
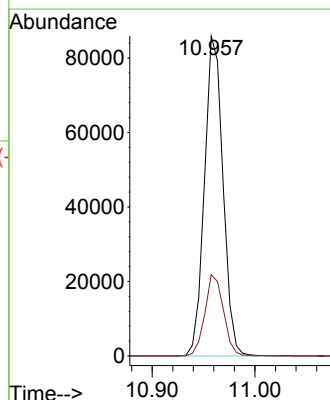
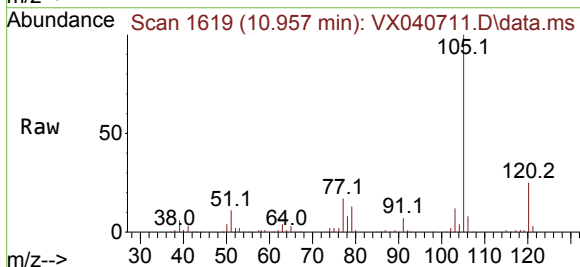
Acq: 19 Mar 2024 10:18

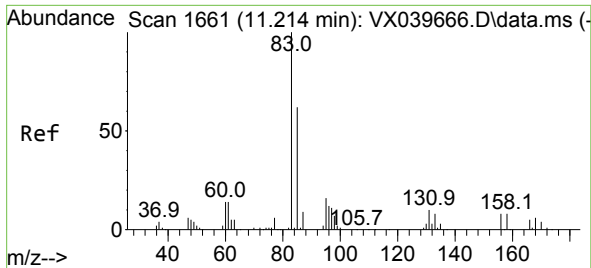
Tgt Ion:105 Resp: 107867

Ion Ratio Lower Upper

105 100

120 25.5 18.5 34.3

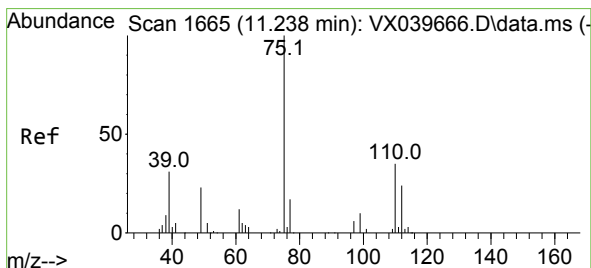
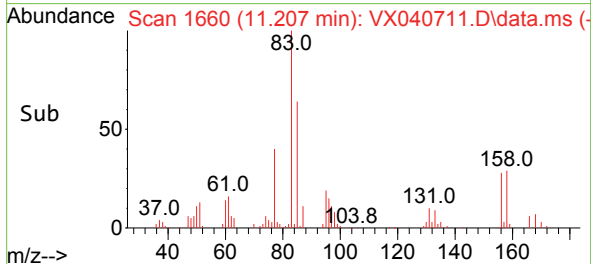
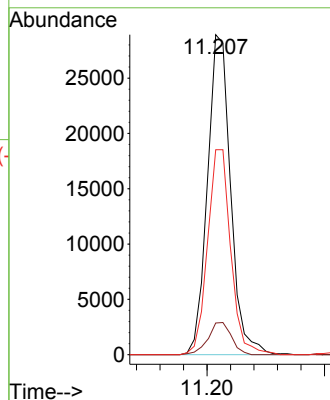
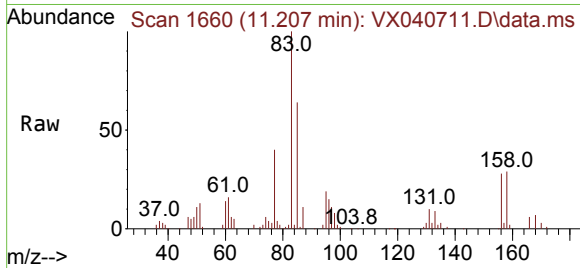




#71
 1,1,2,2-Tetrachloroethane
 Concen: 23.455 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. -0.007 min
 Lab File: VX040711.D
 Acq: 19 Mar 2024 10:18

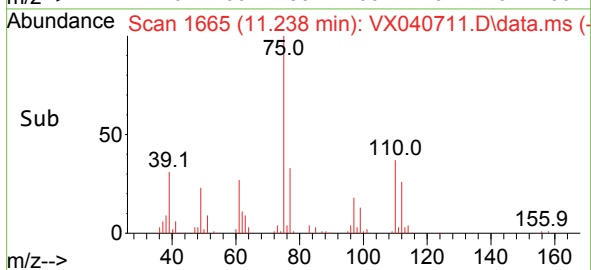
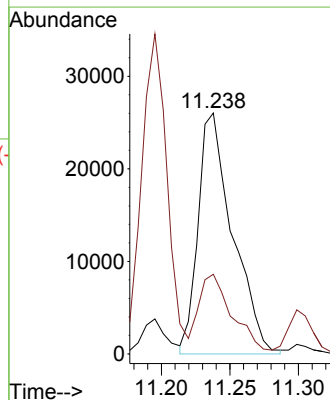
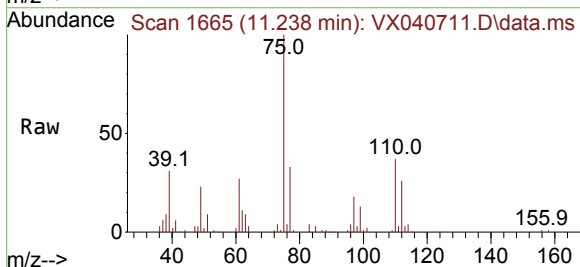
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBSD01

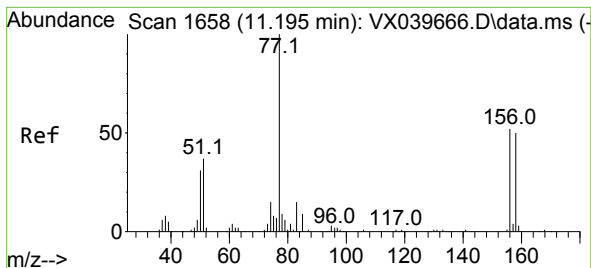
Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.2	4.6	13.8
85	64.2	32.5	97.4



#72
 1,2,3-Trichloropropane
 Concen: 30.110 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX040711.D
 Acq: 19 Mar 2024 10:18

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.6	0.0	76.4





#73

Bromobenzene

Concen: 22.484 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040711.D

Acq: 19 Mar 2024 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBSD01

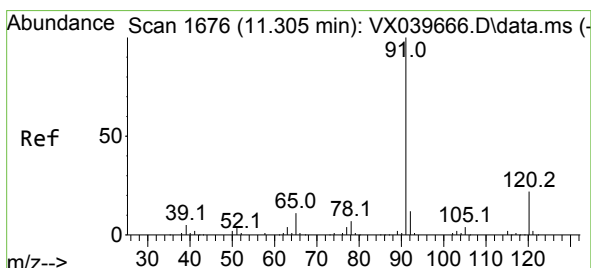
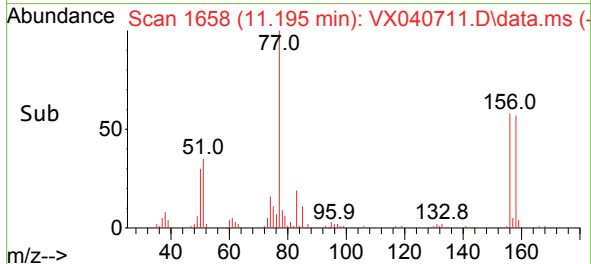
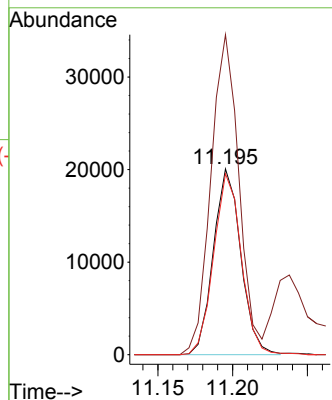
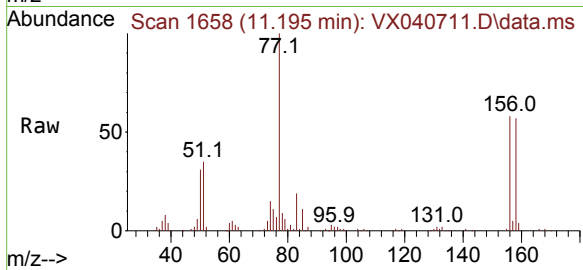
Tgt Ion:156 Resp: 25605

Ion Ratio Lower Upper

156 100

77 175.8 0.0 363.2

158 98.3 0.0 197.8



#74

n-propylbenzene

Concen: 22.538 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. -0.006 min

Lab File: VX040711.D

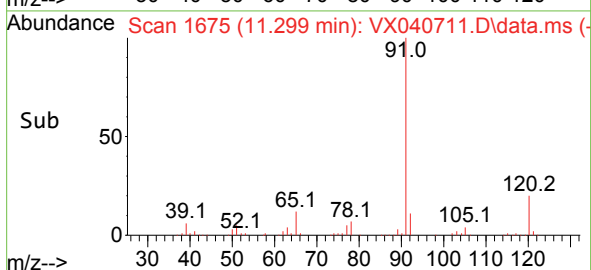
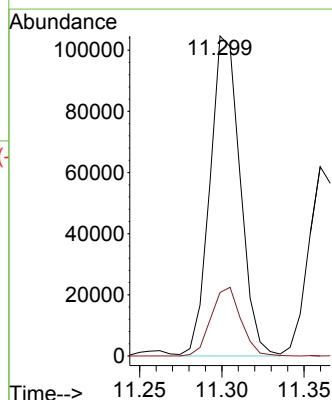
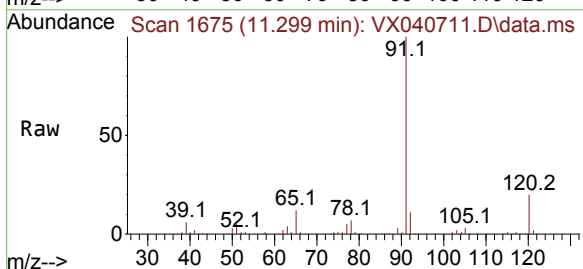
Acq: 19 Mar 2024 10:18

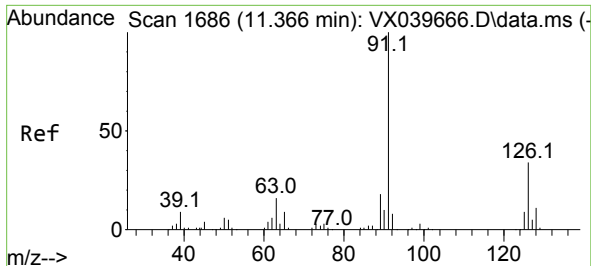
Tgt Ion: 91 Resp: 133905

Ion Ratio Lower Upper

91 100

120 21.1 0.0 43.4

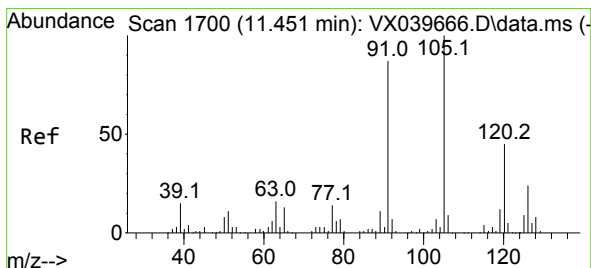
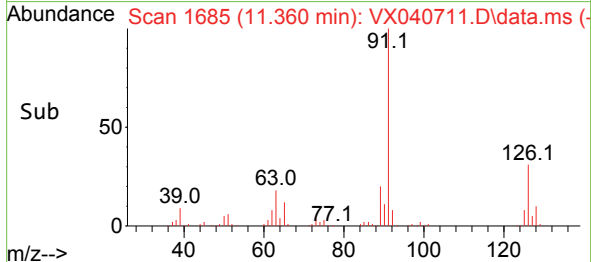
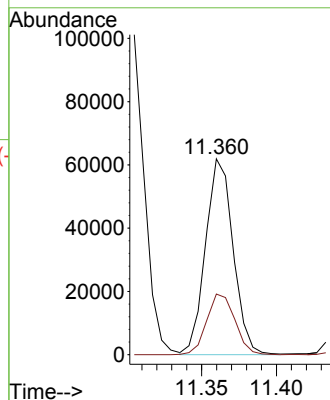
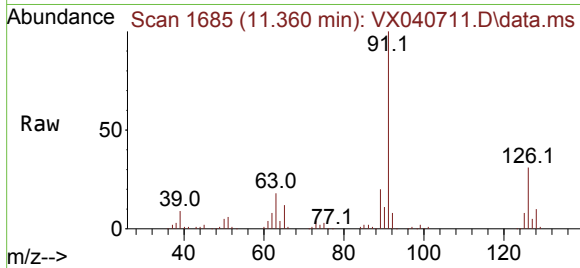




#75
2-Chlorotoluene
Concen: 22.596 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

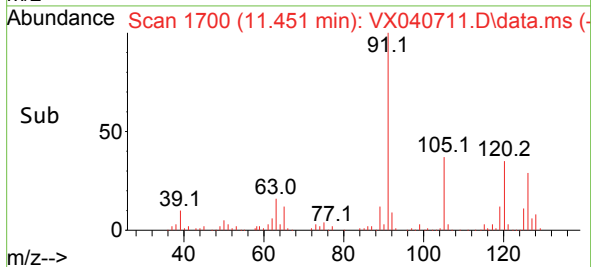
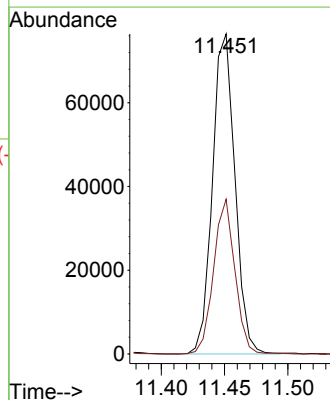
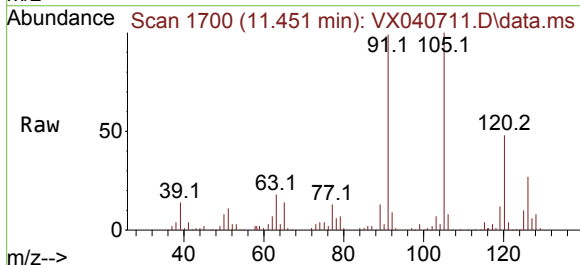
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

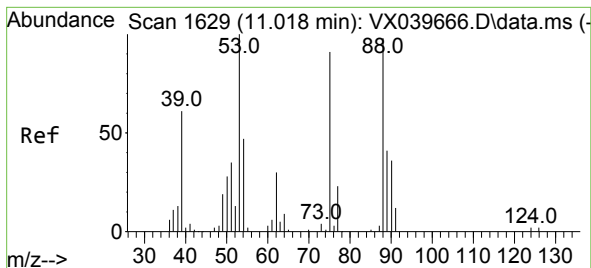
Tgt Ion: 91 Resp: 79669
Ion Ratio Lower Upper
91 100
126 31.6 0.0 64.2



#76
1,3,5-Trimethylbenzene
Concen: 22.309 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

Tgt Ion: 105 Resp: 94481
Ion Ratio Lower Upper
105 100
120 45.9 0.0 92.6

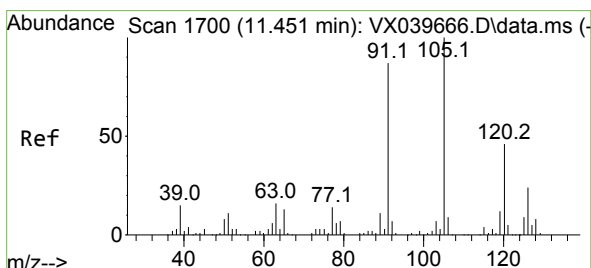
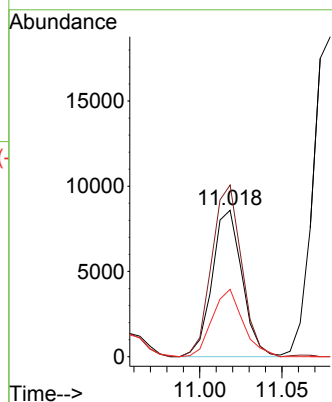
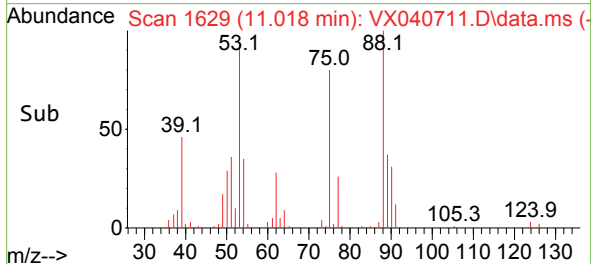
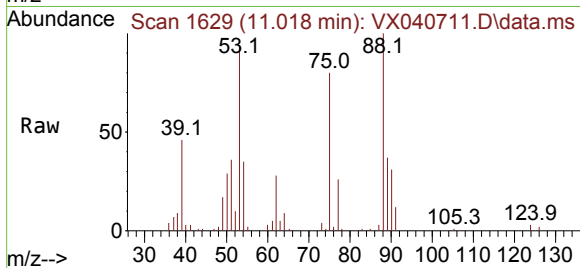




#77
t-1,4-Dichloro-2-butene
Concen: 23.169 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

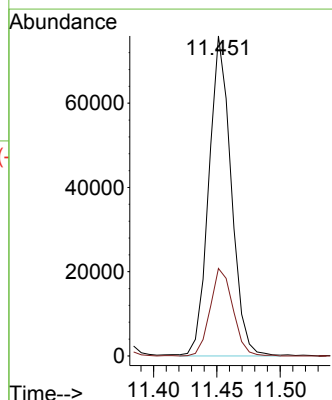
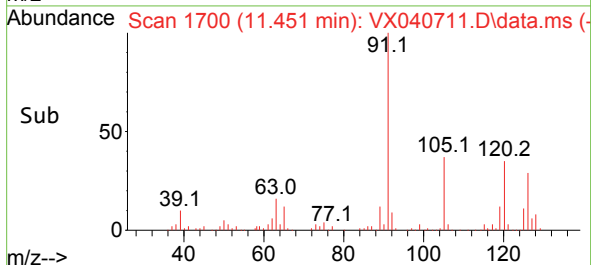
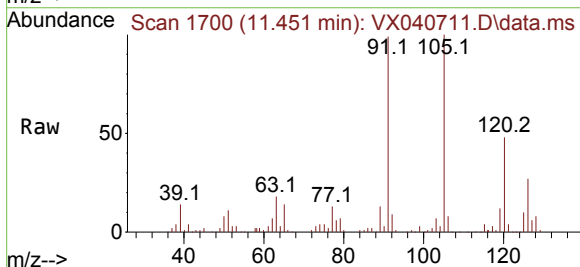
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

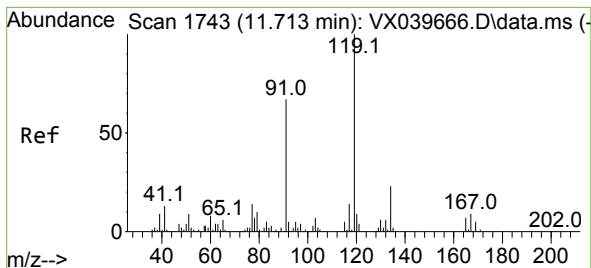
Tgt Ion: 75 Resp: 10926
Ion Ratio Lower Upper
75 100
53 117.2 46.9 140.8
89 46.0 21.3 63.7



#78
4-Chlorotoluene
Concen: 22.183 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

Tgt Ion: 91 Resp: 93302
Ion Ratio Lower Upper
91 100
126 27.9 0.0 57.4





#79

tert-butylbenzene

Concen: 22.127 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040711.D

Acq: 19 Mar 2024 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBSD01

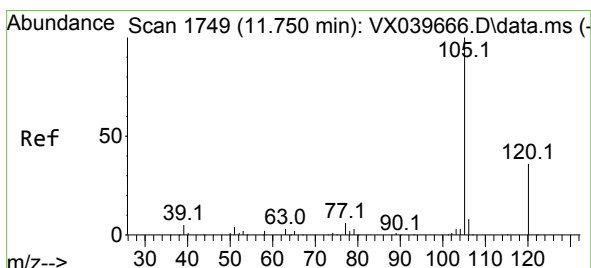
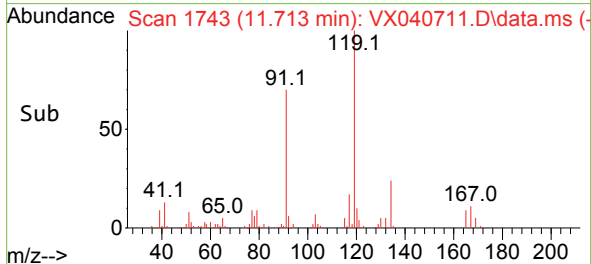
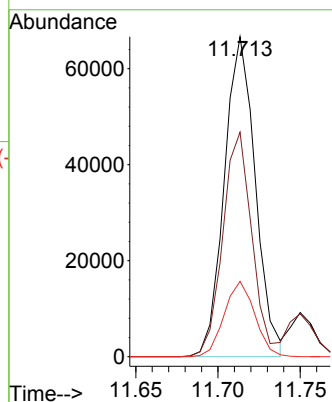
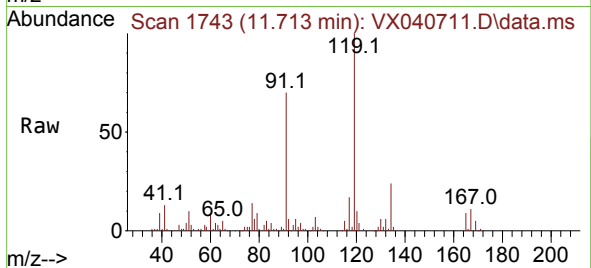
Tgt Ion:119 Resp: 87465

Ion Ratio Lower Upper

119 100

91 65.3 0.0 125.6

134 23.2 0.0 43.8



#80

1,2,4-Trimethylbenzene

Concen: 21.906 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040711.D

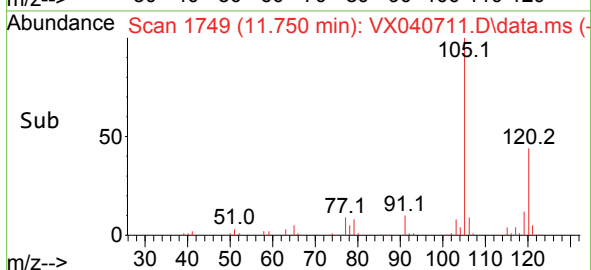
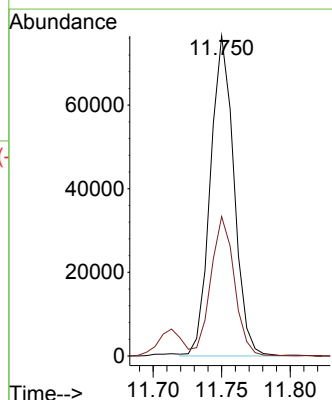
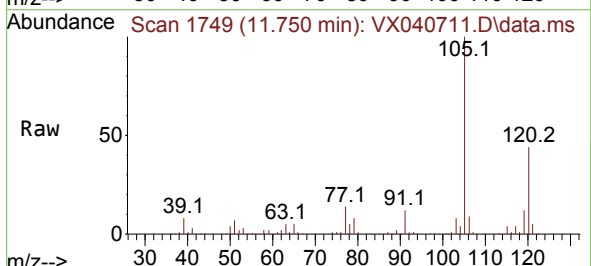
Acq: 19 Mar 2024 10:18

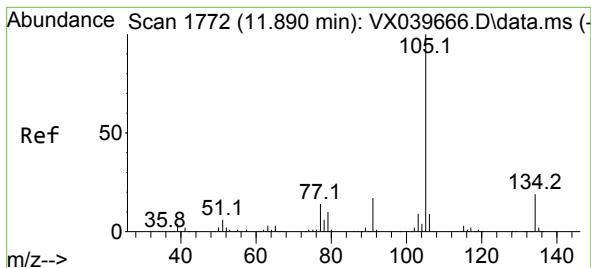
Tgt Ion:105 Resp: 91407

Ion Ratio Lower Upper

105 100

120 43.6 0.0 86.4





#81

sec-Butylbenzene

Concen: 22.313 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX040711.D

Acq: 19 Mar 2024 10:18

Instrument :

MSVOA_X

ClientSampleId :

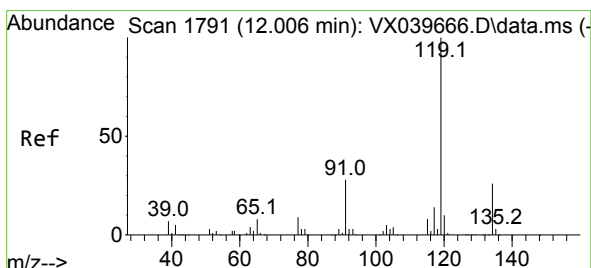
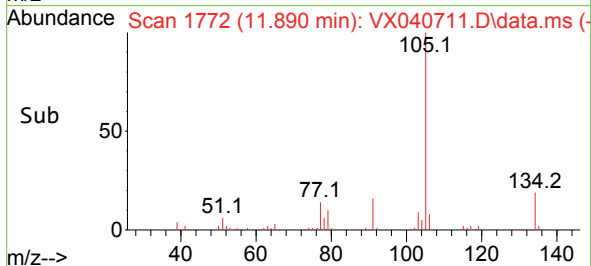
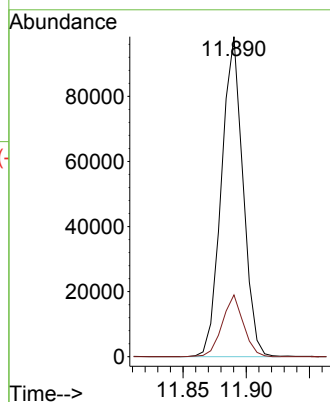
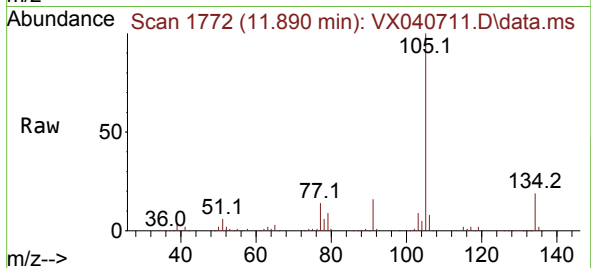
VX0319WBSD01

Tgt Ion:105 Resp: 116449

Ion Ratio Lower Upper

105 100

134 18.9 0.0 38.4



#82

p-Isopropyltoluene

Concen: 21.961 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX040711.D

Acq: 19 Mar 2024 10:18

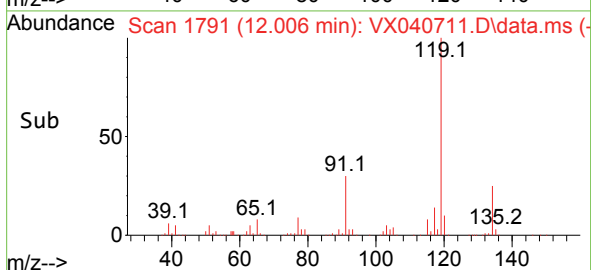
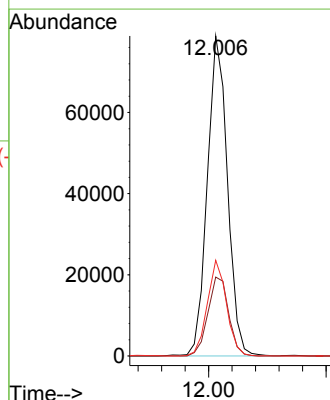
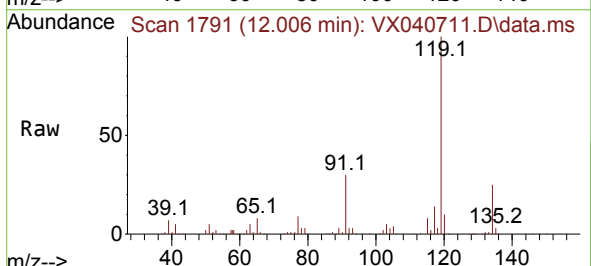
Tgt Ion:119 Resp: 93812

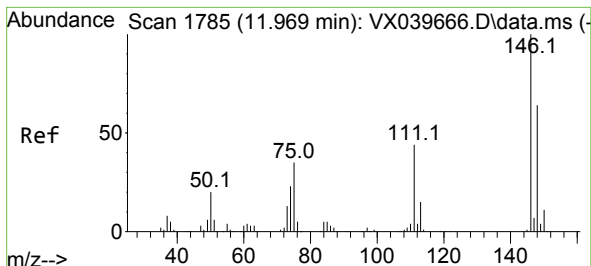
Ion Ratio Lower Upper

119 100

134 25.4 0.0 52.6

91 28.4 0.0 54.2





#83

1,3-Dichlorobenzene

Concen: 22.214 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040711.D

Acq: 19 Mar 2024 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBSD01

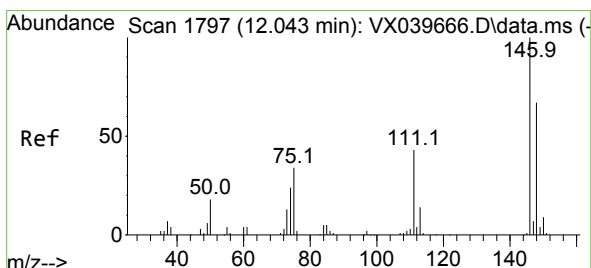
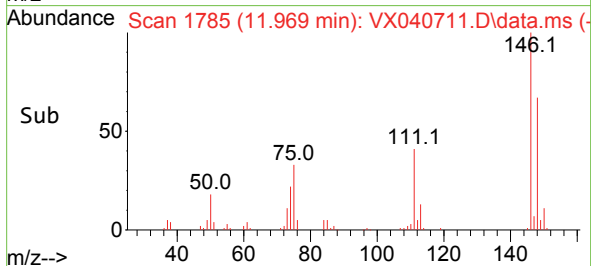
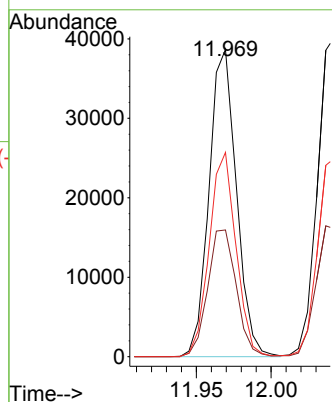
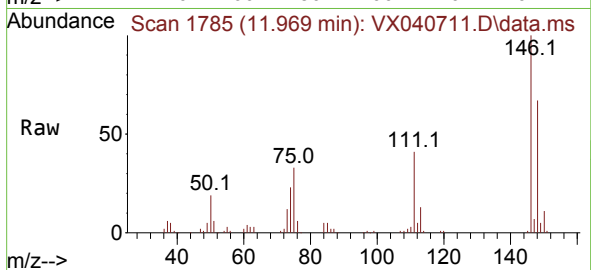
Tgt Ion:146 Resp: 49224

Ion Ratio Lower Upper

146 100

111 43.3 22.3 66.9

148 64.9 32.8 98.3



#84

1,4-Dichlorobenzene

Concen: 22.393 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX040711.D

Acq: 19 Mar 2024 10:18

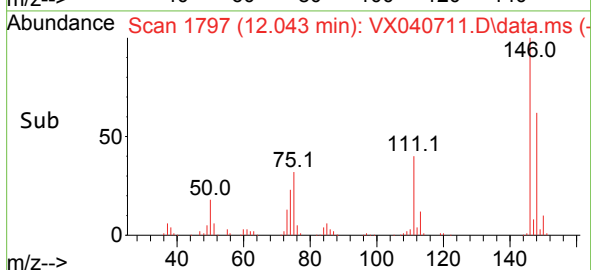
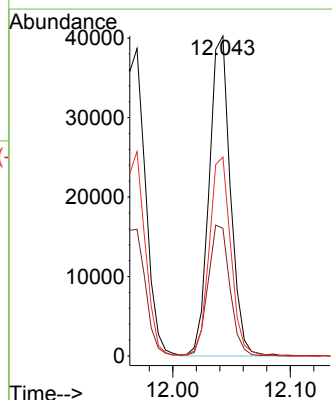
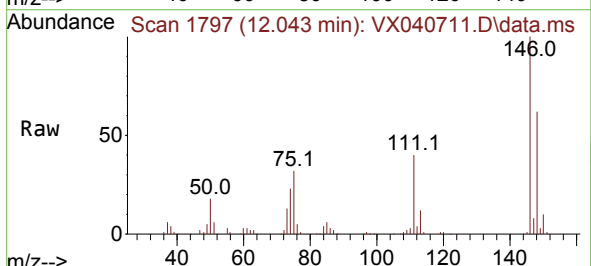
Tgt Ion:146 Resp: 50745

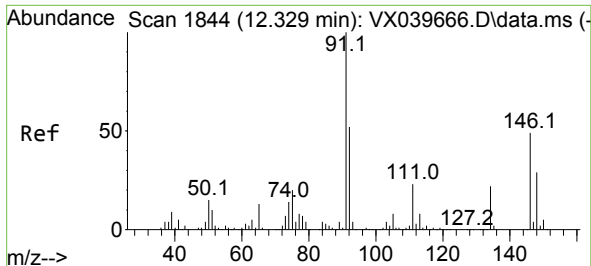
Ion Ratio Lower Upper

146 100

111 41.6 21.4 64.2

148 63.2 31.8 95.4

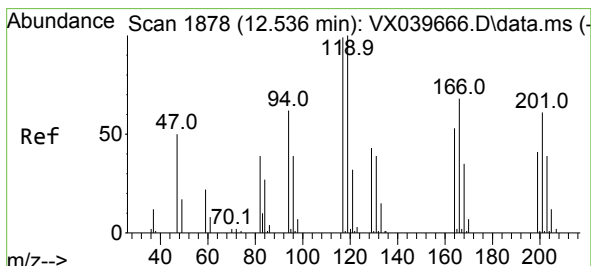
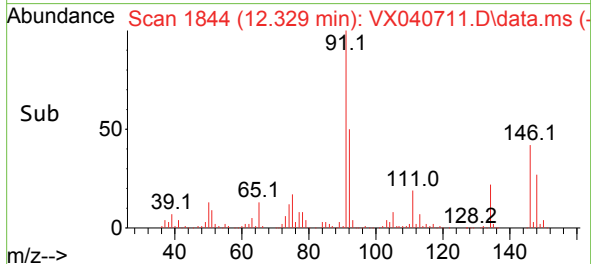
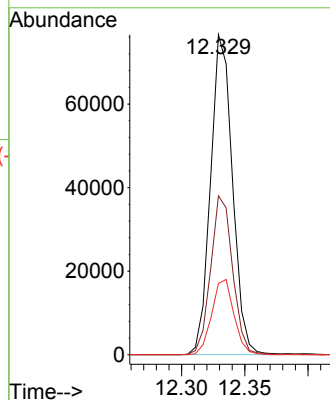
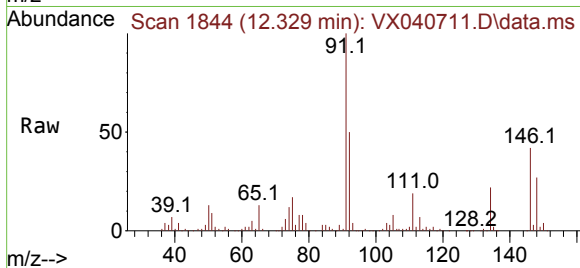




#85
n-Butylbenzene
Concen: 22.231 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

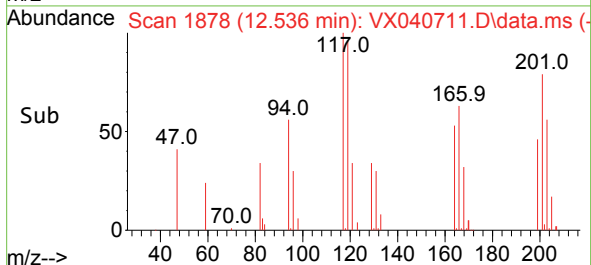
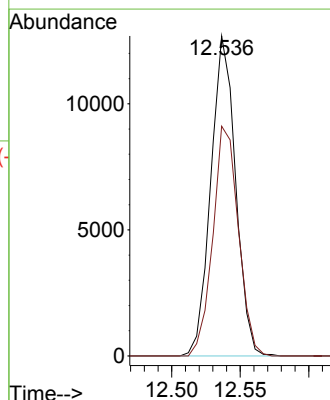
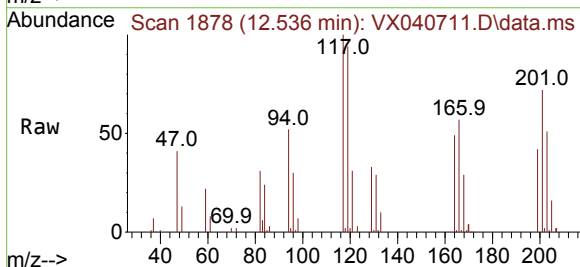
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

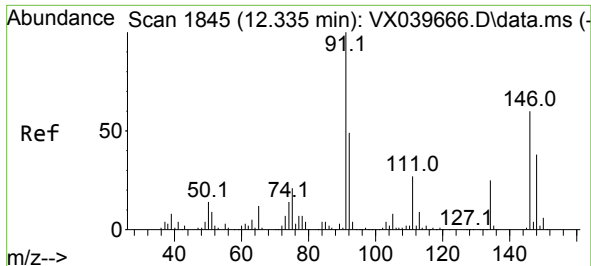
Tgt Ion: 91	Resp:	92408
Ion Ratio	Lower	Upper
91	100	
92	49.9	0.0 106.2
134	23.8	0.0 48.8



#86
Hexachloroethane
Concen: 21.347 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

Tgt Ion: 117	Resp:	15912
Ion Ratio	Lower	Upper
117	100	
201	74.2	31.8 95.3

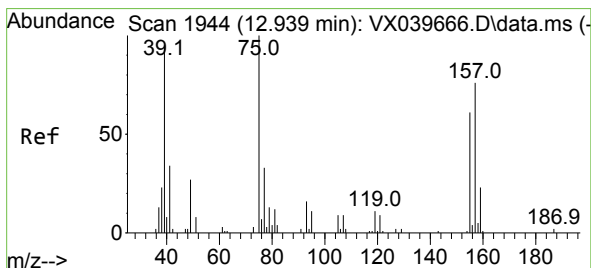
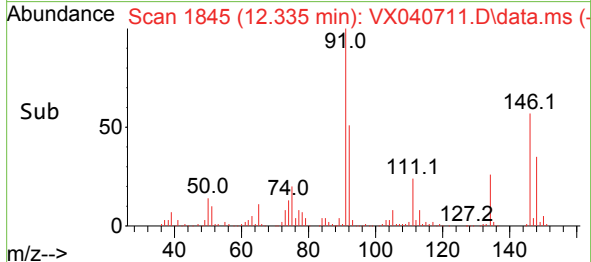
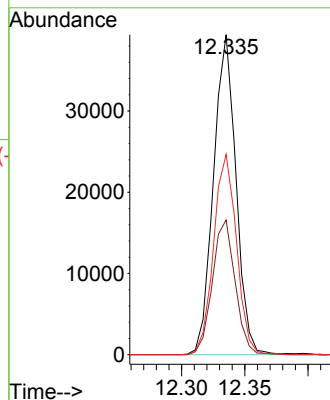
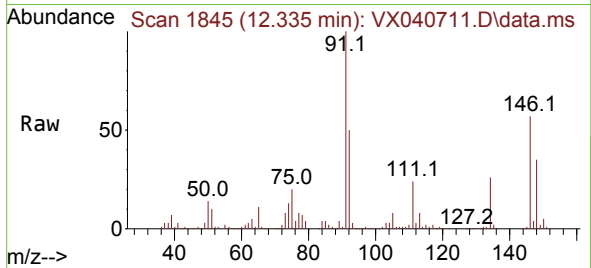




#87
1,2-Dichlorobenzene
Concen: 22.602 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

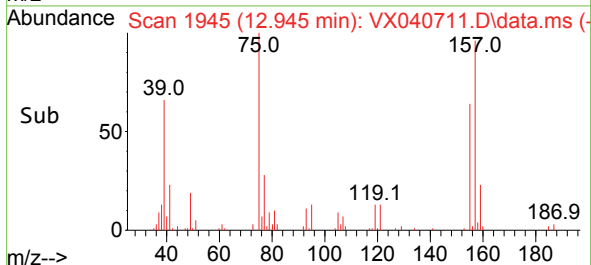
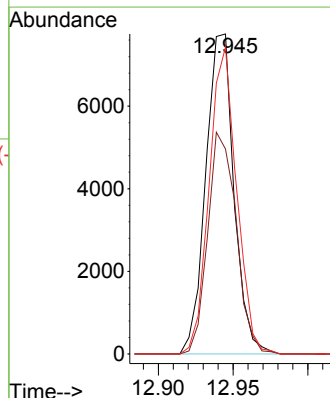
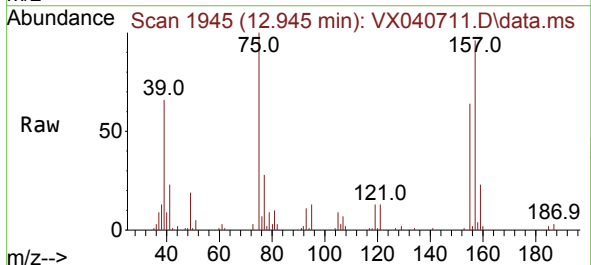
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

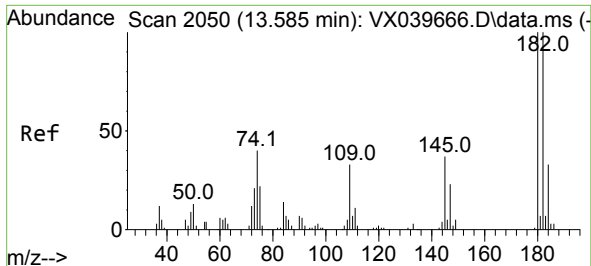
Tgt Ion:146 Resp: 48669
Ion Ratio Lower Upper
146 100
111 42.6 22.4 67.2
148 63.7 31.9 95.7



#88
1,2-Dibromo-3-Chloropropane
Concen: 22.582 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX040711.D
Acq: 19 Mar 2024 10:18

Tgt Ion: 75 Resp: 10183
Ion Ratio Lower Upper
75 100
155 69.7 58.2 87.4
157 93.0 76.5 114.7

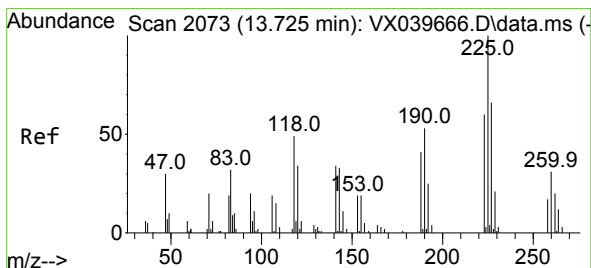
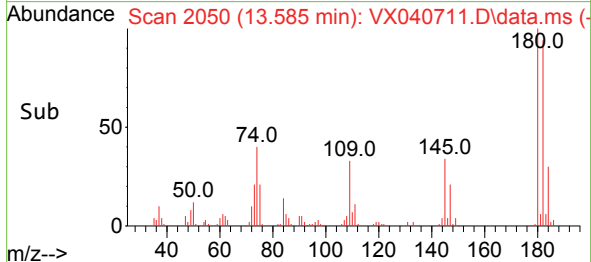
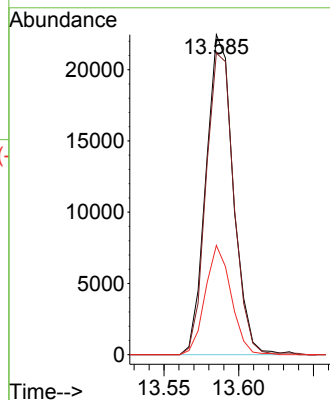
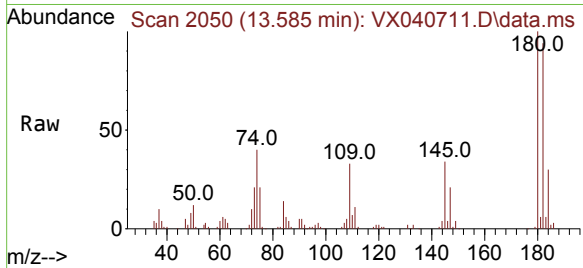




#89
 1,2,4-Trichlorobenzene
 Concen: 19.609 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VX040711.D
 Acq: 19 Mar 2024 10:18

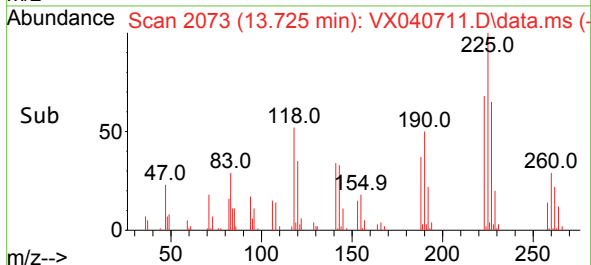
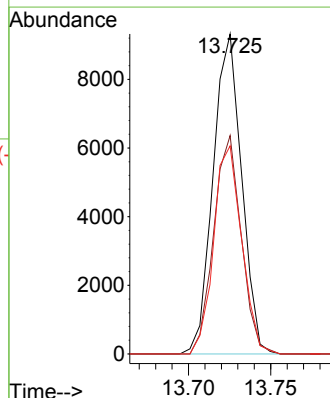
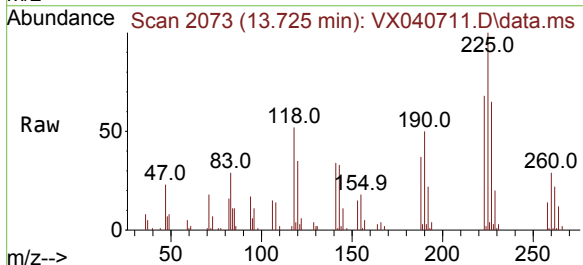
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBSD01

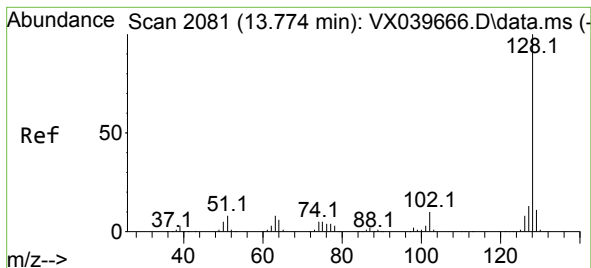
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	74.5	111.7
145	32.3	26.6	40.0



#90
 Hexachlorobutadiene
 Concen: 19.161 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX040711.D
 Acq: 19 Mar 2024 10:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.8	0.0	124.4
227	63.9	0.0	124.4





#91

Naphthalene

Concen: 18.975 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040711.D

Acq: 19 Mar 2024 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBSD01

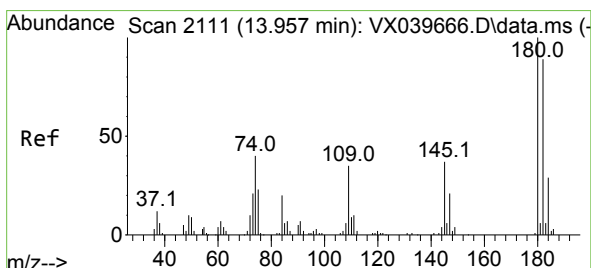
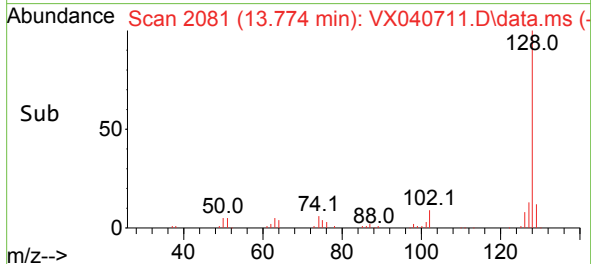
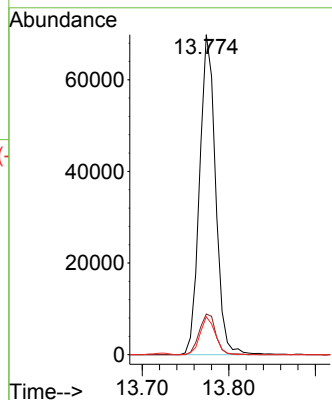
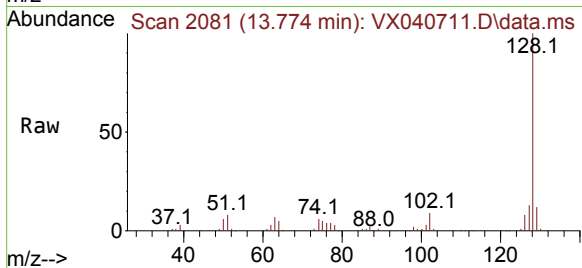
Tgt Ion:128 Resp: 89737

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 11.2 8.6 12.8



#92

1,2,3-Trichlorobenzene

Concen: 19.226 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX040711.D

Acq: 19 Mar 2024 10:18

Tgt Ion:180 Resp: 27486

Ion Ratio Lower Upper

180 100

182 96.3 0.0 191.6

145 34.1 0.0 69.6

