

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030924\
 Data File : VX040620.D
 Acq On : 08 Mar 2024 10:12
 Operator : JC/MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0020

Quant Time: Mar 08 23:49:51 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	4.897	128	16799	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	92184	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	87549	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	48495	28.904	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	96.333%	
60) 4-Bromofluorobenzene	11.079	95	39574	26.352	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	87.833%	
63) Toluene-d8	8.647	98	117404	30.345	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	101.133%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22581	19.819	ug/l	95
3) Chloromethane	1.294	50	22884	19.602	ug/l	96
4) Vinyl Chloride	1.374	62	24819	19.671	ug/l	96
5) Bromomethane	1.605	94	21034	27.297	ug/l	100
6) Chloroethane	1.691	64	15783	21.293	ug/l	99
7) Trichlorofluoromethane	1.886	101	38054	19.810	ug/l	93
8) Diethyl Ether	2.136	74	11527	17.674	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	21611	20.539	ug/l	95
10) 1,1-Dichloroethene	2.319	96	20302	20.266	ug/l	96
11) Methyl Iodide	2.453	142	16676	13.763	ug/l	94
12) Methyl Acetate	2.697	43	31486	19.081	ug/l	96
13) Acrolein	2.233	56	24830	79.815	ug/l	98
14) Acrylonitrile	3.056	53	61893	95.251	ug/l	98
15) Acetone	2.373	58	18122	97.568	ug/l	70
16) Carbon Disulfide	2.508	76	51352	18.652	ug/l	97
17) Allyl chloride	2.660	41	36535	19.763	ug/l	87
18) Methylene Chloride	2.788	84	22407	19.591	ug/l	96
19) trans-1,2-Dichloroethene	3.087	96	21129	19.319	ug/l	98
20) Diisopropyl ether	3.757	45	73330	19.834	ug/l	98
21) 1,1-Dichloroethane	3.605	63	42278	19.872	ug/l	97
22) cis-1,2-Dichloroethene	4.483	96	24524	19.309	ug/l	93
23) tert-Butyl Alcohol	3.020	59	93	0.303	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	71833	19.430	ug/l	94
25) Chloroform	5.092	83	46838	20.114	ug/l	88
26) Cyclohexane	5.464	56	33466	19.491	ug/l #	99
29) 1,1-Dichloropropene	5.684	75	32641	20.456	ug/l	83
30) 2-Butanone	4.550	43	96671	99.283	ug/l	98
31) 2,2-Dichloropropane	4.471	77	35538	20.635	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	40826	20.305	ug/l	98
33) Carbon Tetrachloride	5.672	117	33690	19.916	ug/l	98
34) Benzene	6.031	78	87240	20.253	ug/l	97
35) Methacrylonitrile	4.916	41	19780	19.788	ug/l	95
36) 1,2-Dichloroethane	6.086	62	40478	20.324	ug/l	97
37) Trichloroethene	7.123	130	23651	20.432	ug/l	96
38) Methylcyclohexane	7.379	83	36252	21.099	ug/l	98
39) 1,2-Dichloropropane	7.427	63	22990	20.962	ug/l	100
40) Dibromomethane	7.580	93	18389	21.343	ug/l	97
41) Bromodichloromethane	7.818	83	36257	21.153	ug/l #	96
42) Vinyl Acetate	3.721	43	332464	99.171	ug/l	99

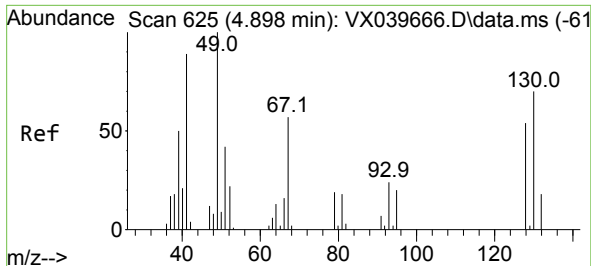
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030924\
 Data File : VX040620.D
 Acq On : 08 Mar 2024 10:12
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 Sample : VSTDCCC020
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDCCC020

Quant Time: Mar 08 23:49:51 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)
43) Ethyl Acetate	4.702	43	35097	19.139	ug/l	98
44) Isopropyl Acetate	6.336	43	56335	19.246	ug/l	97
45) 1,4-Dioxane	7.653	88	11343	376.982	ug/l	96
46) Methyl methacrylate	7.690	41	29192	20.079	ug/l	95
47) n-amyl Acetate	10.841	43	42778	16.957	ug/l	97
48) t-1,3-Dichloropropene	8.976	75	34707	19.157	ug/l	97
49) cis-1,3-Dichloropropene	8.360	75	38185	20.690	ug/l	93
50) 1,1,2-Trichloroethane	9.147	97	24353	21.279	ug/l	97
51) Ethyl methacrylate	9.110	69	36578	20.301	ug/l	97
52) 1,3-Dichloropropane	9.305	76	40382	20.678	ug/l	99
53) Dibromochloromethane	9.518	129	26591	20.382	ug/l	98
54) 1,2-Dibromoethane	9.604	107	25592	20.209	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	82473	89.883	ug/l	99
56) Bromoform	10.799	173	17156	18.539	ug/l #	99
58) 4-Methyl-2-Pentanone	8.567	43	195255	100.157	ug/l	98
59) 2-Hexanone	9.427	43	156246	99.224	ug/l	94
61) Tetrachloroethene	9.269	164	21930	21.104	ug/l	97
62) Toluene	8.714	91	98556	20.439	ug/l	99
64) Chlorobenzene	10.079	112	61097	20.731	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	23200	20.639	ug/l	98
66) Ethyl Benzene	10.189	91	114325	20.564	ug/l	100
67) m/p-Xylenes	10.299	106	81530	39.712	ug/l	94
68) o-Xylene	10.640	106	37574	19.012	ug/l	99
69) Styrene	10.652	104	62433	18.802	ug/l	98
70) Isopropylbenzene	10.963	105	104359	19.542	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	34350	18.348	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	37983	22.548	ug/l	91
73) Bromobenzene	11.195	156	23996	18.981	ug/l	93
74) n-propylbenzene	11.305	91	120918	18.333	ug/l	99
75) 2-Chlorotoluene	11.366	91	70899	18.114	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	88364	18.795	ug/l	96
77) t-1,4-Dichloro-2-butene	11.012	75	8663	16.548	ug/l	74
78) 4-Chlorotoluene	11.451	91	86699	18.568	ug/l	99
79) tert-butylbenzene	11.713	119	79282	18.067	ug/l	96
80) 1,2,4-Trimethylbenzene	11.750	105	83604	18.048	ug/l	100
81) sec-Butylbenzene	11.890	105	106096	18.312	ug/l	99
82) p-Isopropyltoluene	12.006	119	86837	18.311	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	45533	18.510	ug/l	97
84) 1,4-Dichlorobenzene	12.042	146	46028	18.297	ug/l	98
85) n-Butylbenzene	12.329	91	93614	20.287	ug/l	97
86) Hexachloroethane	12.536	117	16148	19.515	ug/l	90
87) 1,2-Dichlorobenzene	12.335	146	48897	20.455	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	9751	19.479	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	33009	20.508	ug/l	98
90) Hexachlorobutadiene	13.725	225	13717	21.076	ug/l	99
91) Naphthalene	13.774	128	101788	19.388	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	32369	20.396	ug/l	98

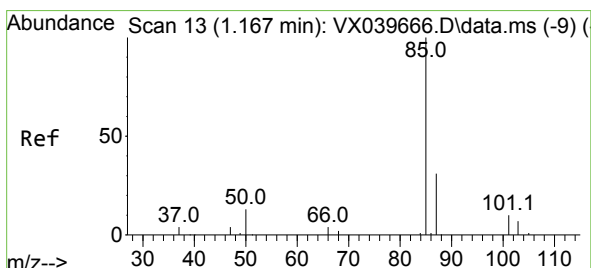
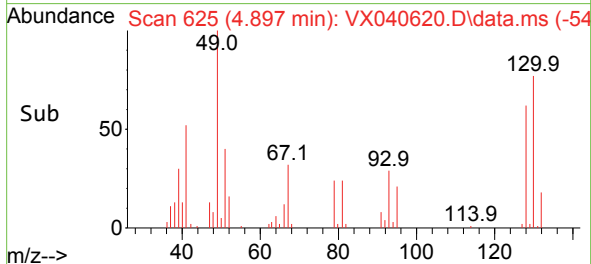
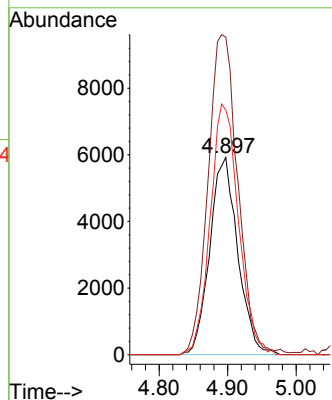
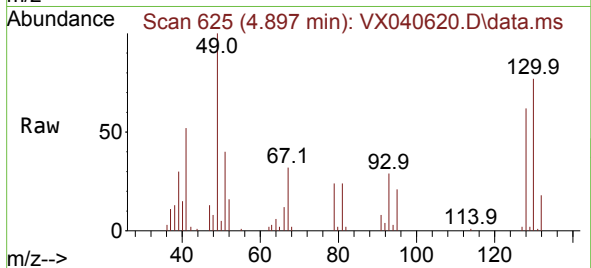
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

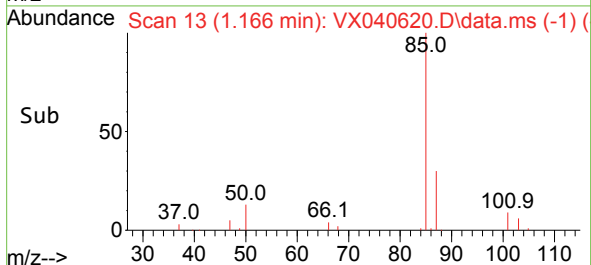
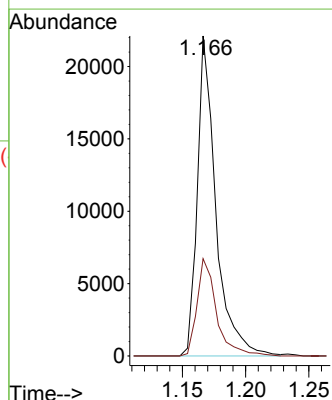
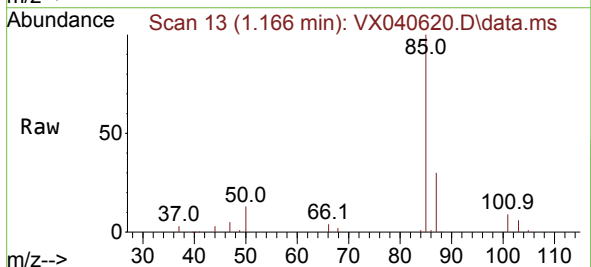
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

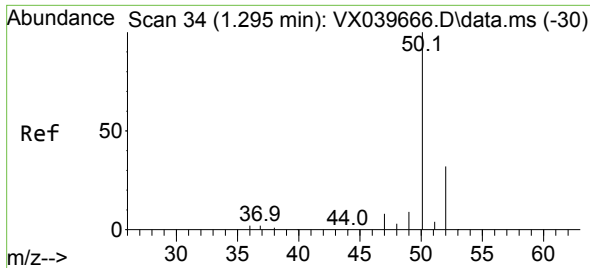
Tgt Ion:128 Resp: 16799
Ion Ratio Lower Upper
128 100
49 171.7 0.0 444.0
130 128.8 0.0 297.8



#2
Dichlorodifluoromethane
Concen: 19.819 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

Tgt Ion: 85 Resp: 22581
Ion Ratio Lower Upper
85 100
87 30.4 16.7 50.1

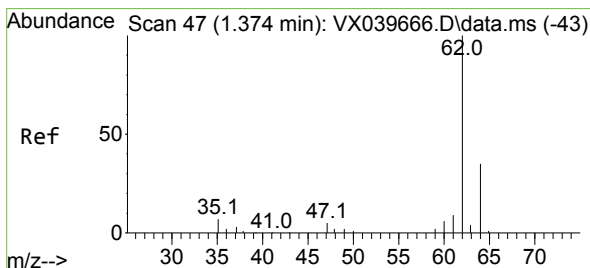
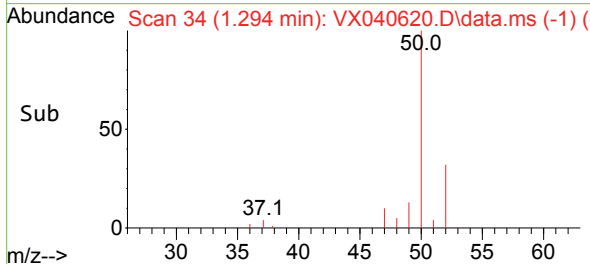
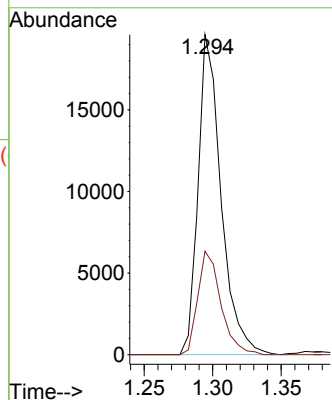
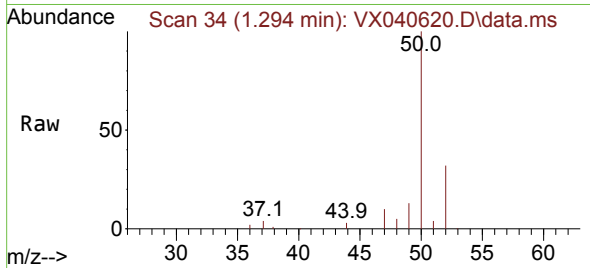




#3
Chloromethane
Concen: 19.602 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

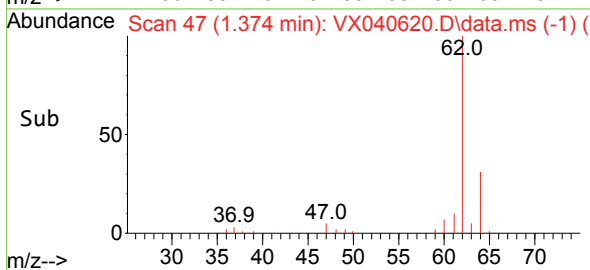
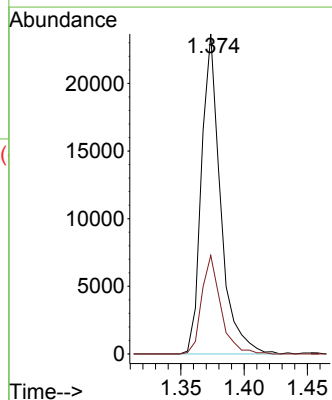
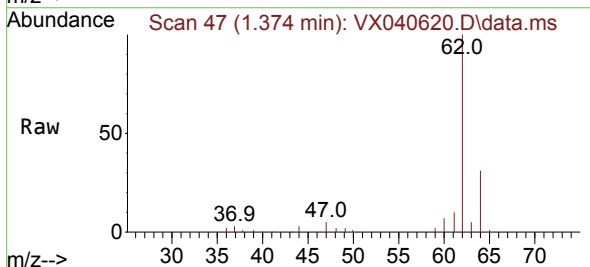
Instrument :
MSVOA_X
ClientSampleId :
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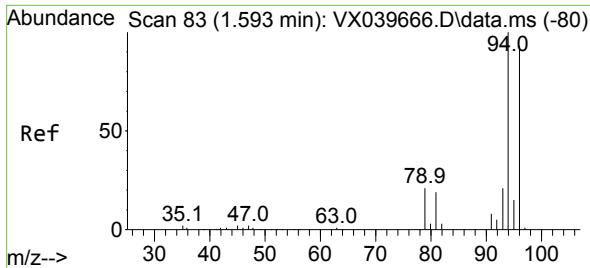
Tgt Ion: 50 Resp: 22884
Ion Ratio Lower Upper
50 100
52 32.3 27.8 41.8



#4
Vinyl Chloride
Concen: 19.671 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

Tgt Ion: 62 Resp: 24819
Ion Ratio Lower Upper
62 100
64 30.8 26.3 39.5

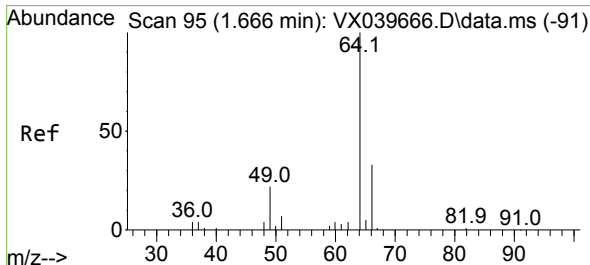
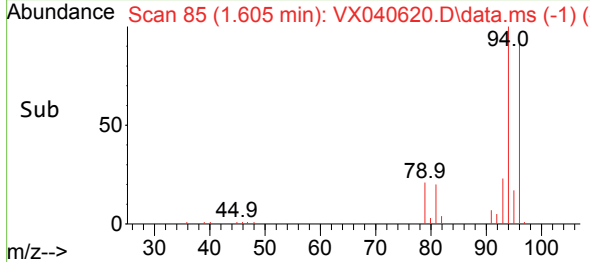
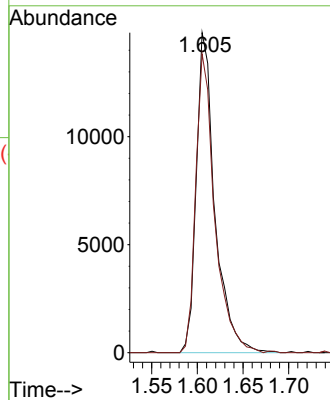
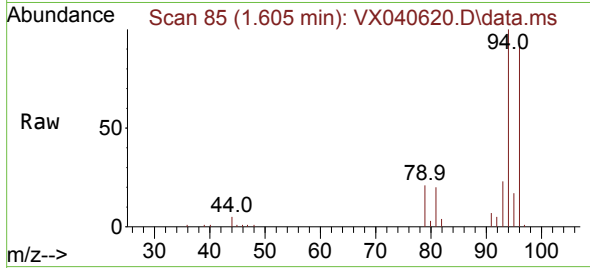




#5
Bromomethane
Concen: 27.297 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

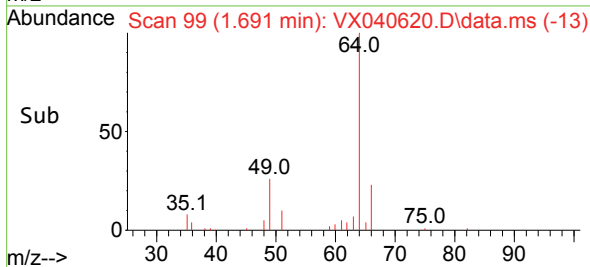
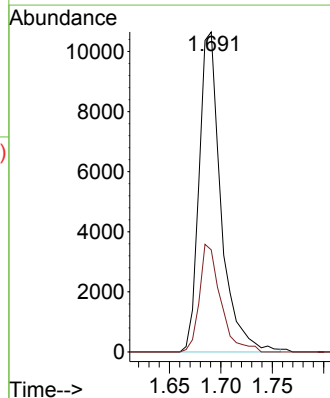
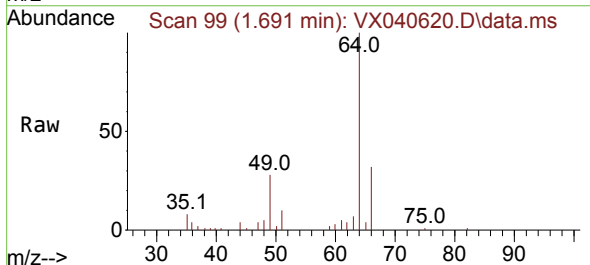
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MSVOA_X
ClientSampleId :
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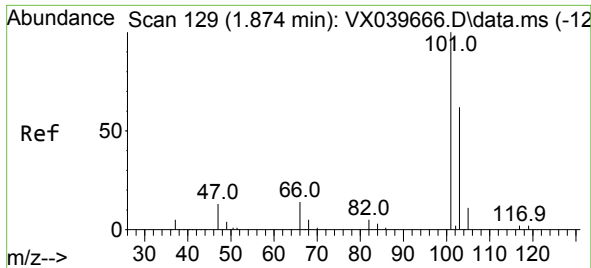
Tgt Ion: 94 Resp: 21034
Ion Ratio Lower Upper
94 100
96 93.3 74.9 112.3



#6
Chloroethane
Concen: 21.293 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.025 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

Tgt Ion: 64 Resp: 15783
Ion Ratio Lower Upper
64 100
66 31.9 25.0 37.6

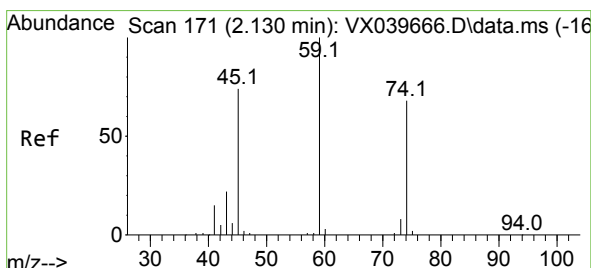
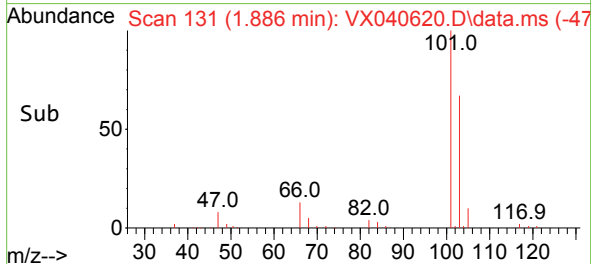
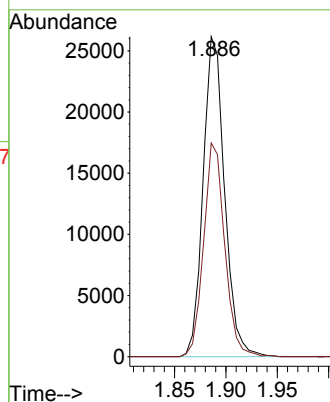
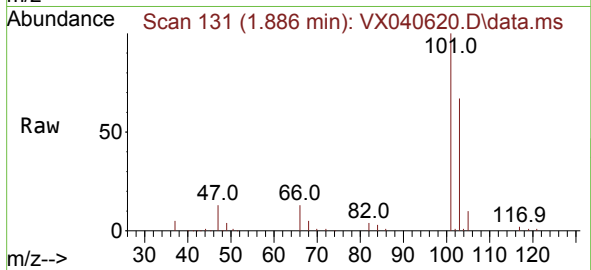




#7
 Trichlorofluoromethane
 Concen: 19.810 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: VX040620.D
 Acq: 08 Mar 2024 10:12

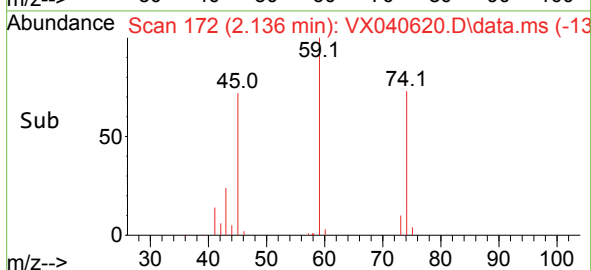
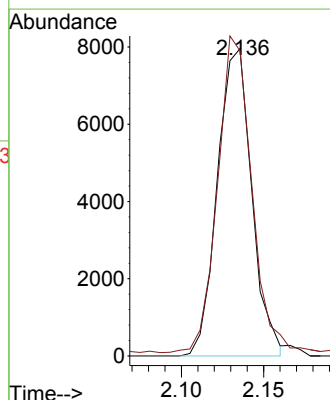
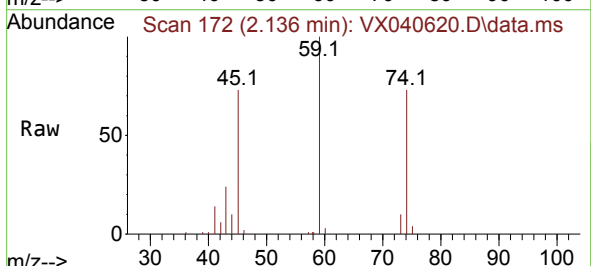
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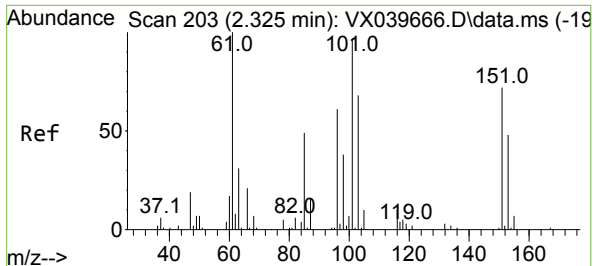
Tgt Ion:101 Resp: 38054
 Ion Ratio Lower Upper
 101 100
 103 66.8 49.1 73.7



#8
 Diethyl Ether
 Concen: 17.674 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX040620.D
 Acq: 08 Mar 2024 10:12

Tgt Ion: 74 Resp: 11527
 Ion Ratio Lower Upper
 74 100
 45 101.6 20.5 184.5

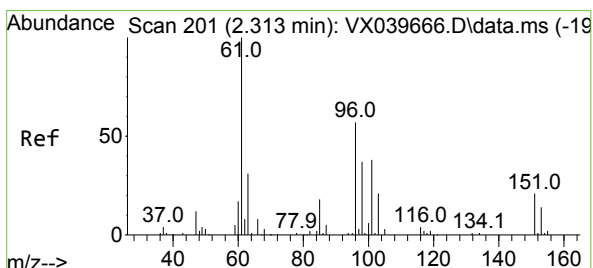
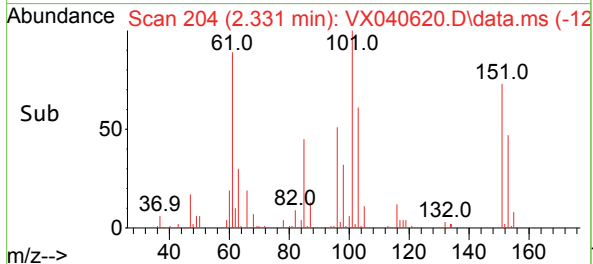
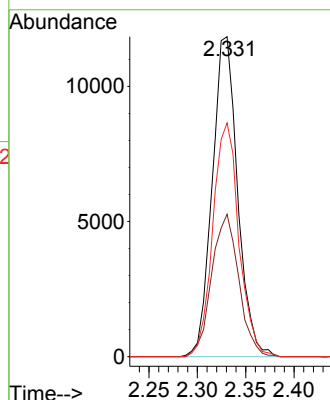
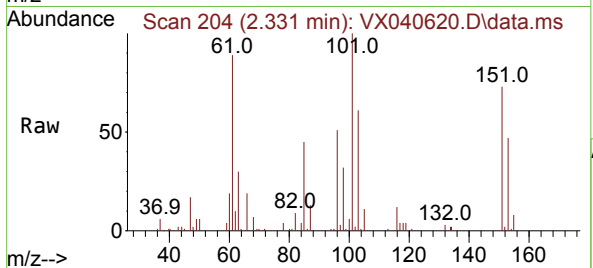




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.539 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

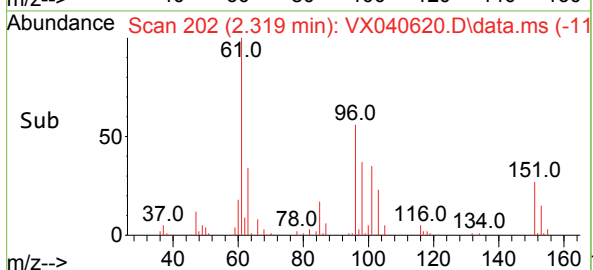
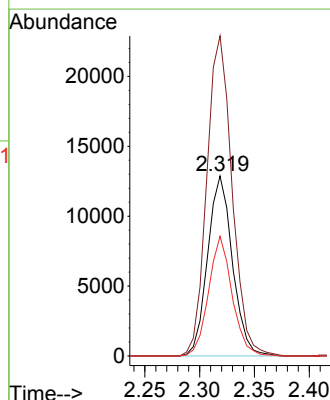
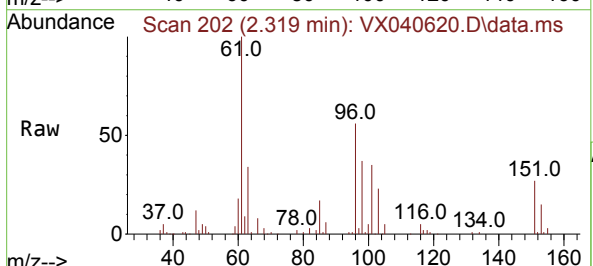
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

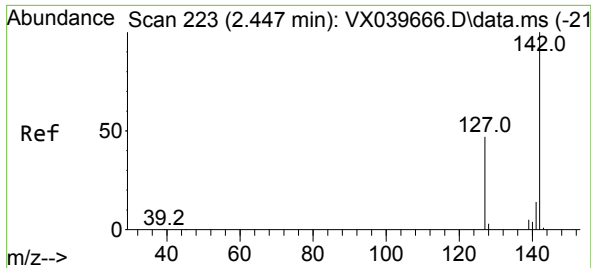
Tgt Ion:101 Resp: 21611
Ion Ratio Lower Upper
101 100
85 47.6 0.0 95.2
151 75.0 0.0 136.8



#10
1,1-Dichloroethene
Concen: 20.266 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

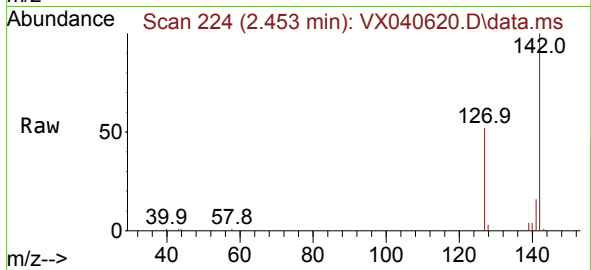
Tgt Ion: 96 Resp: 20302
Ion Ratio Lower Upper
96 100
61 177.8 138.3 207.5
98 66.5 49.8 74.6



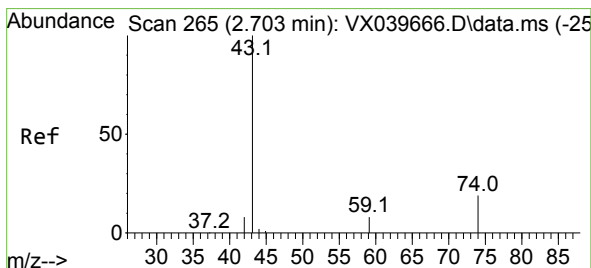
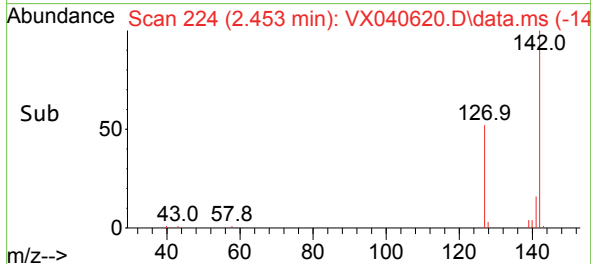
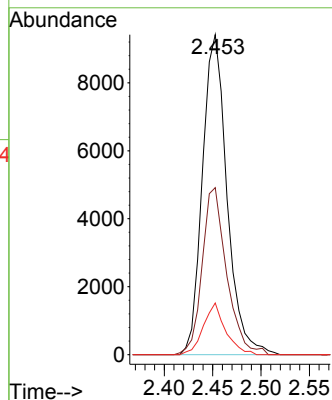


#11
Methyl Iodide
Concen: 13.763 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

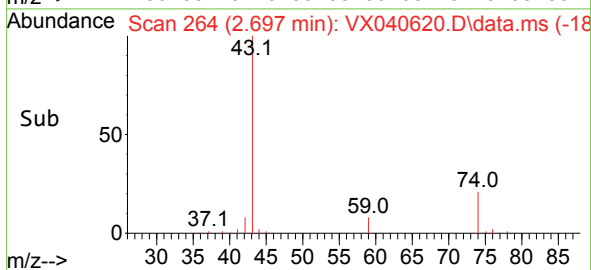
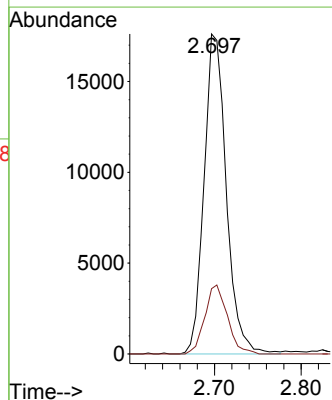
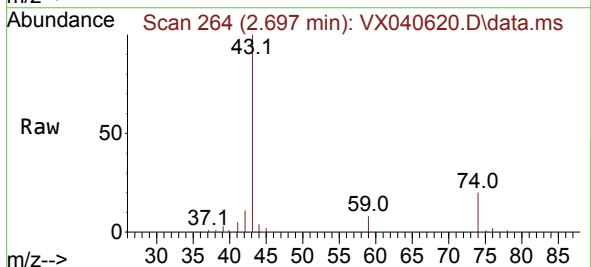


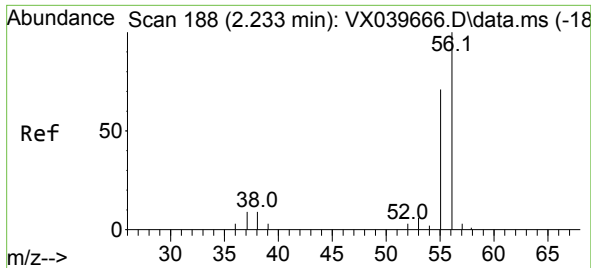
Tgt Ion:142 Resp: 16676
Ion Ratio Lower Upper
142 100
127 51.9 23.8 71.4
141 16.1 6.9 20.6



#12
Methyl Acetate
Concen: 19.081 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

Tgt Ion: 43 Resp: 31486
Ion Ratio Lower Upper
43 100
74 20.4 17.8 26.6





#13

Acrolein

Concen: 79.815 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040620.D

Acq: 08 Mar 2024 10:12

Instrument :

MSVOA_X

ClientSampleId :

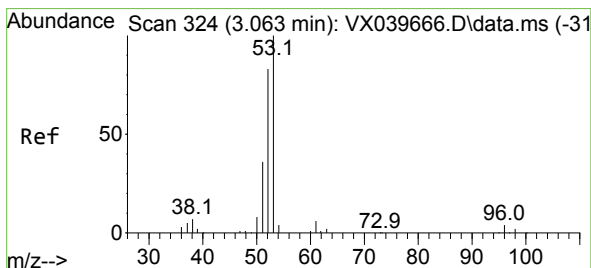
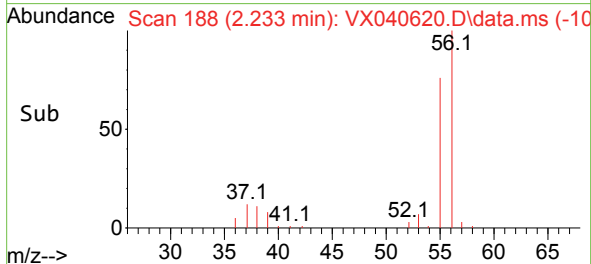
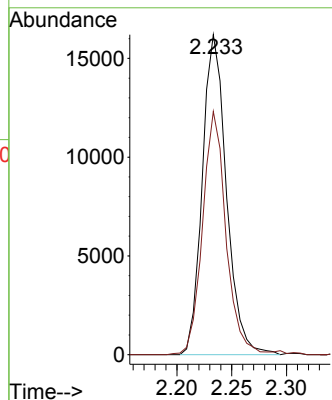
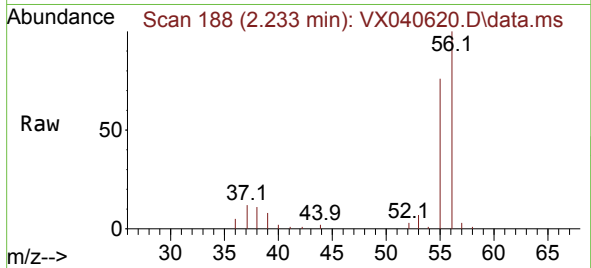
VSTDCCC020

Tgt Ion: 56 Resp: 24830

Ion Ratio Lower Upper

56 100

55 73.4 57.2 85.8



#14

Acrylonitrile

Concen: 95.251 ug/l

RT: 3.056 min Scan# 323

Delta R.T. -0.007 min

Lab File: VX040620.D

Acq: 08 Mar 2024 10:12

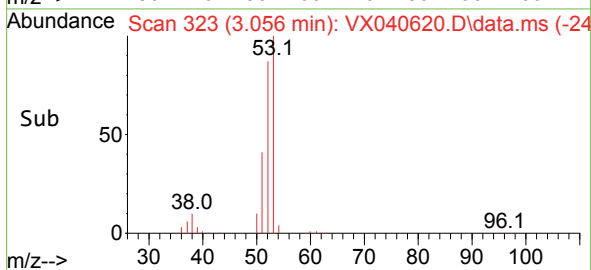
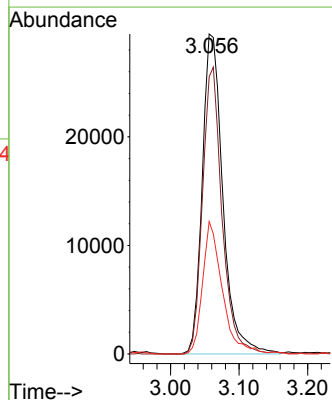
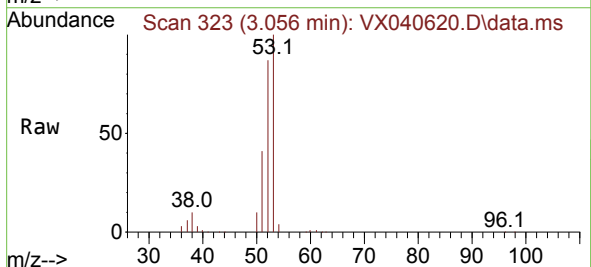
Tgt Ion: 53 Resp: 61893

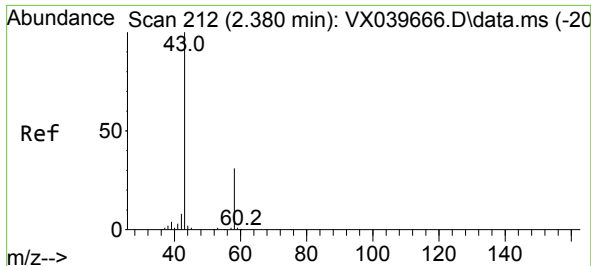
Ion Ratio Lower Upper

53 100

52 84.4 41.9 125.6

51 38.7 18.3 54.9





#15

Acetone

Concen: 97.568 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.007 min

Lab File: VX040620.D

Acq: 08 Mar 2024 10:12

Instrument :

MSVOA_X

ClientSampleId :

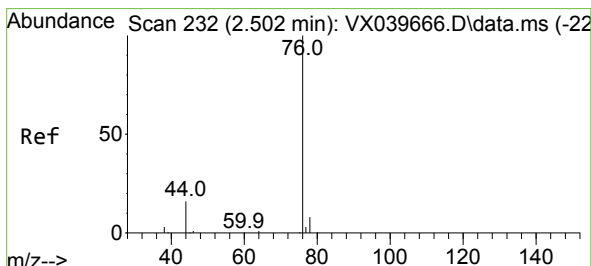
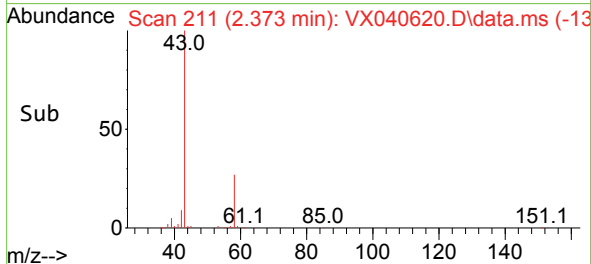
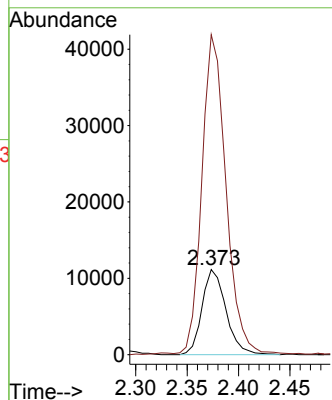
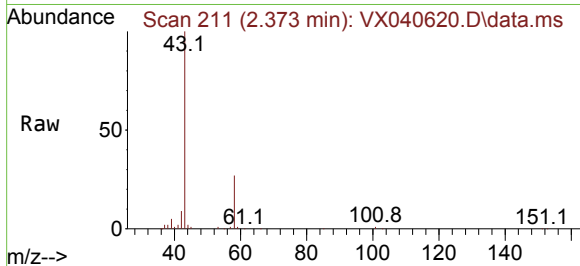
VSTDCCC020

Tgt Ion: 58 Resp: 18122

Ion Ratio Lower Upper

58 100

43 373.8 249.9 374.9



#16

Carbon Disulfide

Concen: 18.652 ug/l

RT: 2.508 min Scan# 233

Delta R.T. 0.006 min

Lab File: VX040620.D

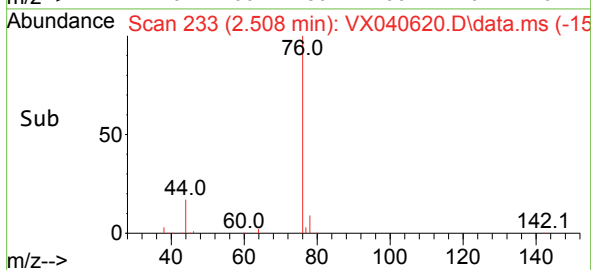
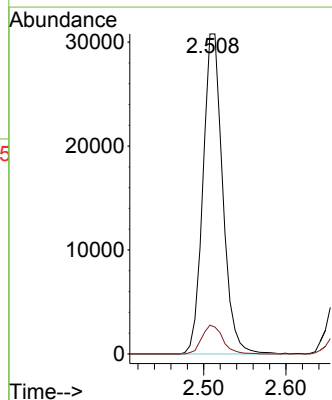
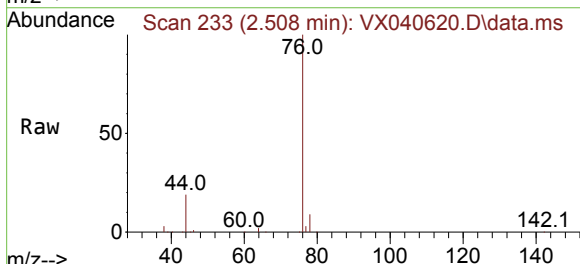
Acq: 08 Mar 2024 10:12

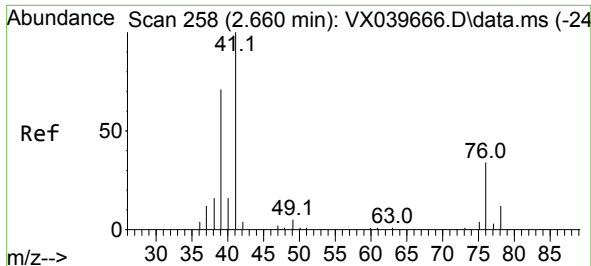
Tgt Ion: 76 Resp: 51352

Ion Ratio Lower Upper

76 100

78 9.0 8.0 12.0





#17

Allyl chloride

Concen: 19.763 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX040620.D

Acq: 08 Mar 2024 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

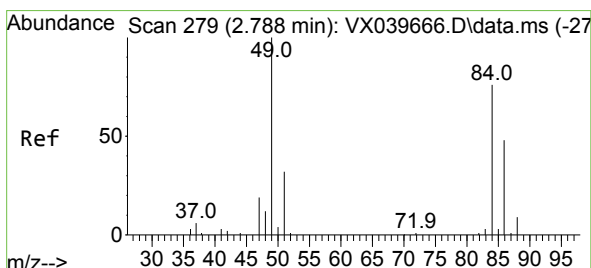
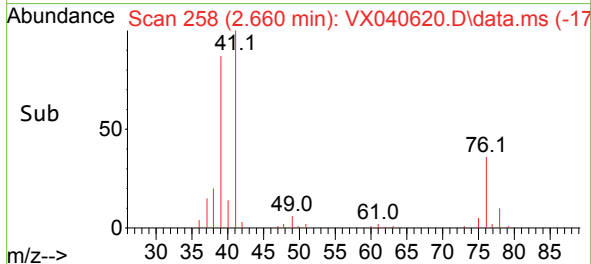
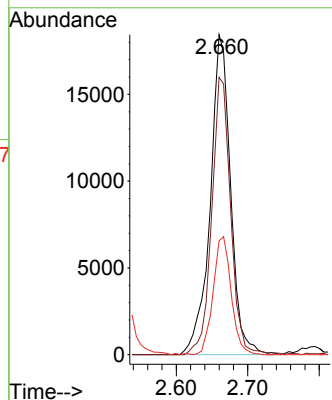
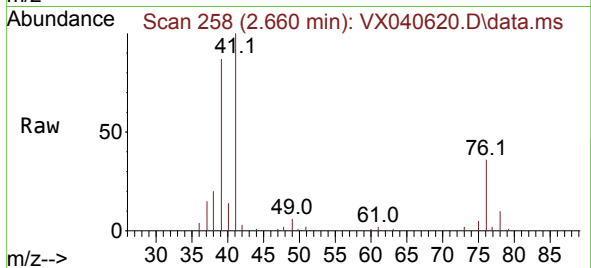
Tgt Ion: 41 Resp: 36535

Ion Ratio Lower Upper

41 100

39 86.7 36.5 109.5

76 35.6 19.7 59.0



#18

Methylene Chloride

Concen: 19.591 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX040620.D

Acq: 08 Mar 2024 10:12

Tgt Ion: 84 Resp: 22407

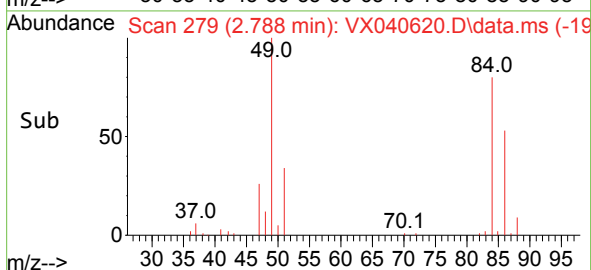
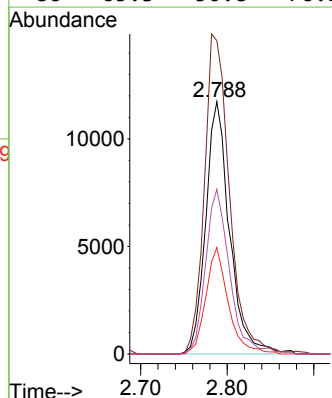
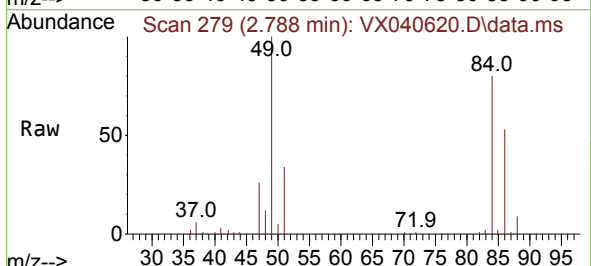
Ion Ratio Lower Upper

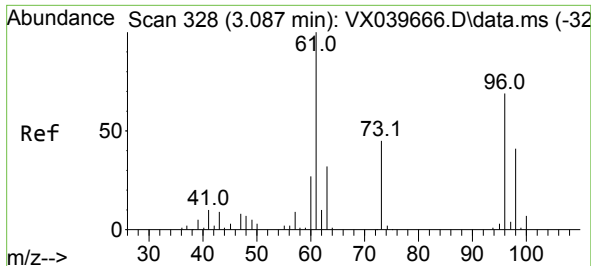
84 100

49 124.3 103.8 155.8

51 42.2 31.8 47.6

86 65.3 50.8 76.2

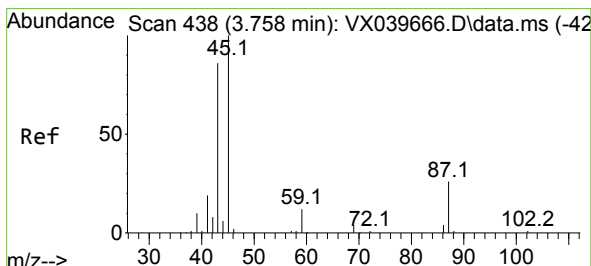
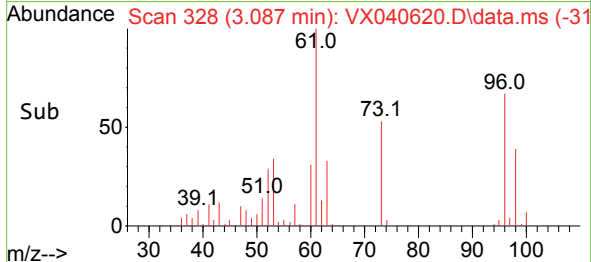
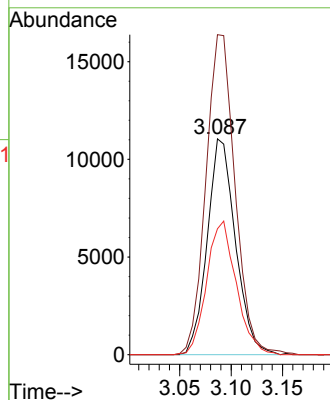
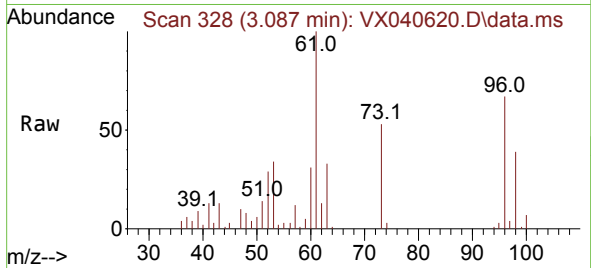




#19
trans-1,2-Dichloroethene
Concen: 19.319 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

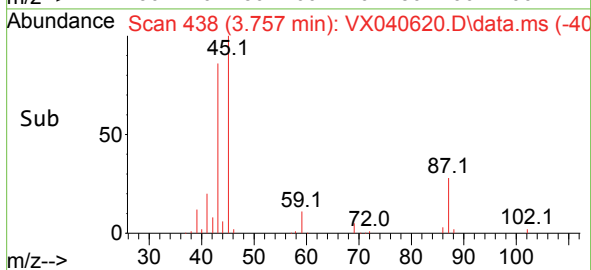
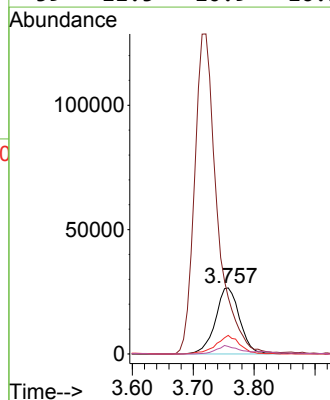
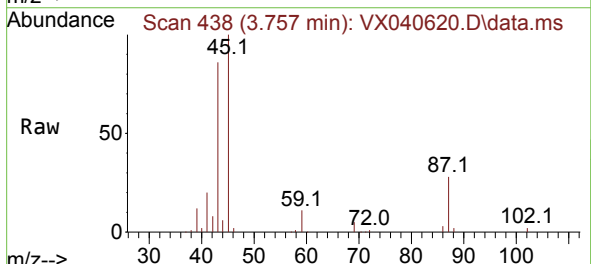
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

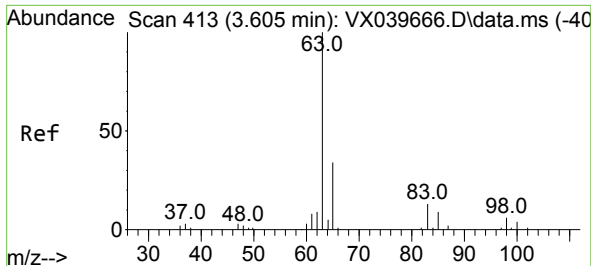
Tgt Ion: 96 Resp: 21129
Ion Ratio Lower Upper
96 100
61 147.6 117.9 176.9
98 58.3 51.0 76.6



#20
Diisopropyl ether
Concen: 19.834 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.001 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

Tgt Ion: 45 Resp: 73330
Ion Ratio Lower Upper
45 100
43 83.6 67.7 101.5
87 28.1 21.5 32.3
59 11.5 10.9 16.3

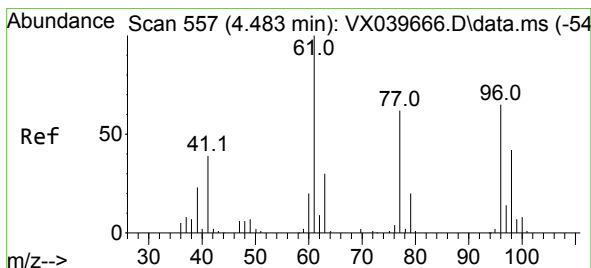
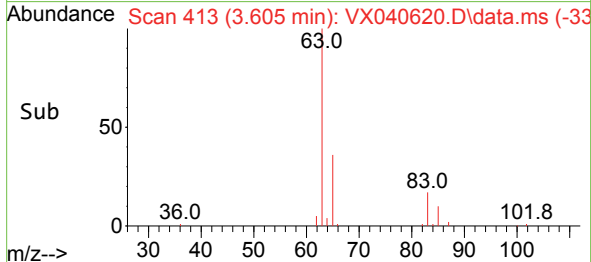
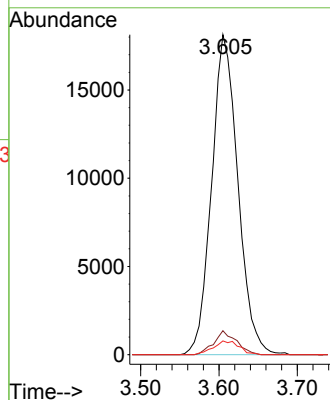
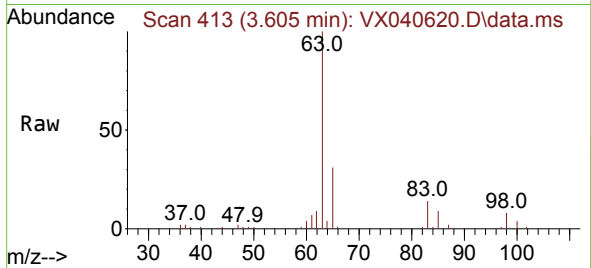




#21
1,1-Dichloroethane
Concen: 19.872 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

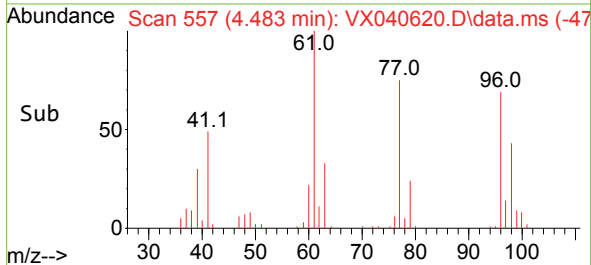
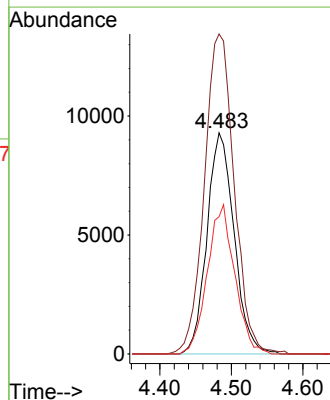
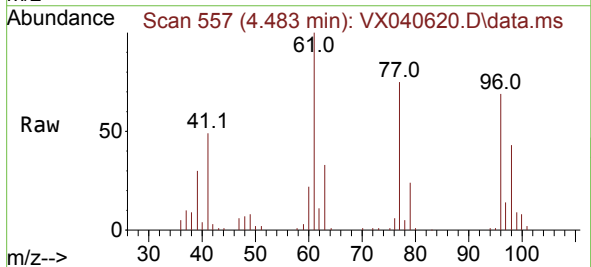
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

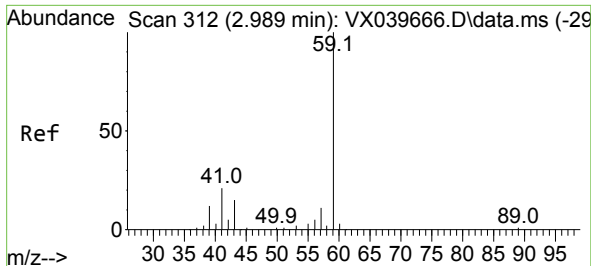
Tgt Ion: 63 Resp: 42278
Ion Ratio Lower Upper
63 100
98 7.5 2.9 8.8
100 4.3 2.0 5.8



#22
cis-1,2-Dichloroethene
Concen: 19.309 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

Tgt Ion: 96 Resp: 24524
Ion Ratio Lower Upper
96 100
61 158.7 119.8 179.6
98 67.9 50.9 76.3

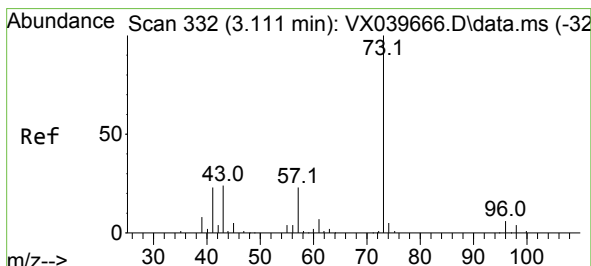
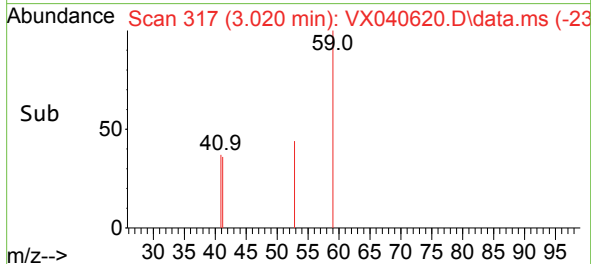
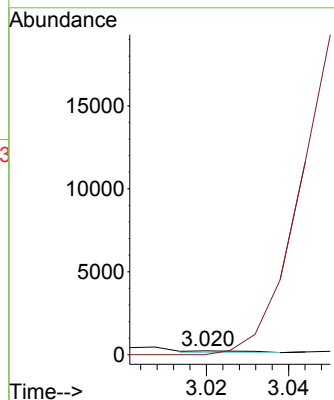
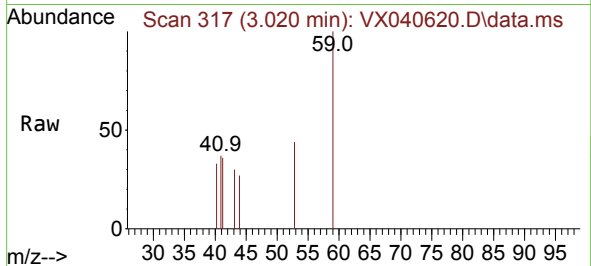




#23
tert-Butyl Alcohol
Concen: 0.303 ug/l
RT: 3.020 min Scan# 312
Delta R.T. 0.031 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

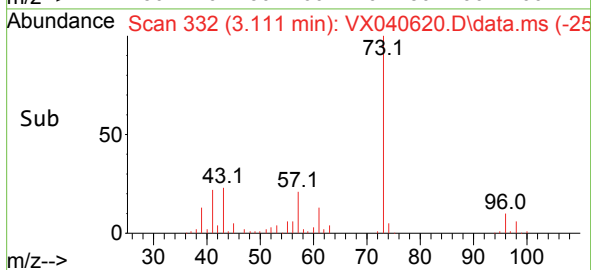
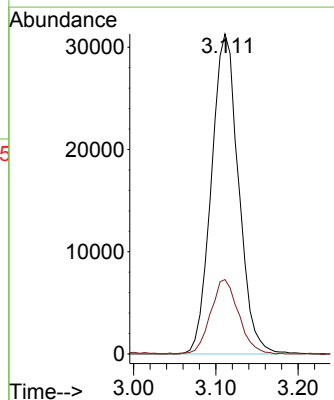
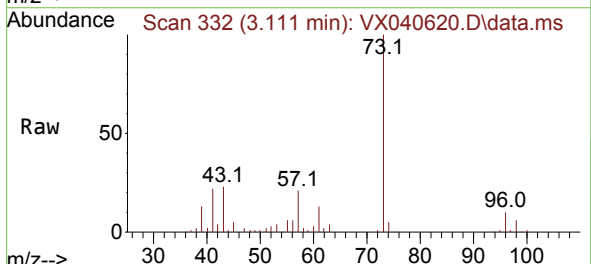
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

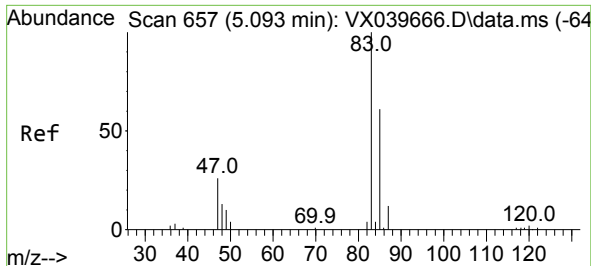
Tgt Ion: 59 Resp: 93
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.430 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

Tgt Ion: 73 Resp: 71833
Ion Ratio Lower Upper
73 100
43 23.9 17.0 25.6

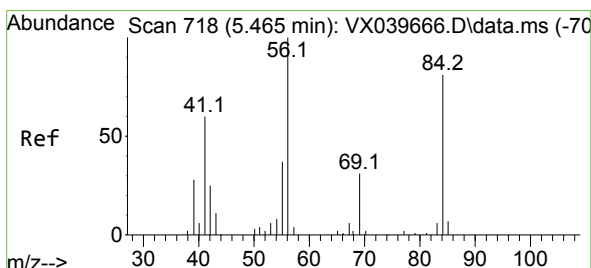
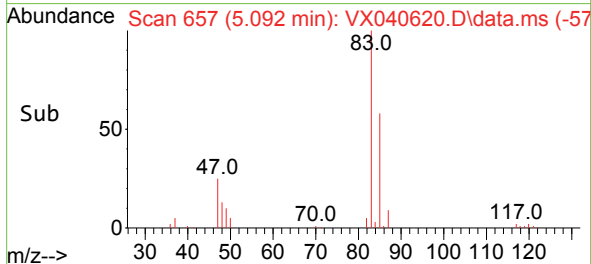
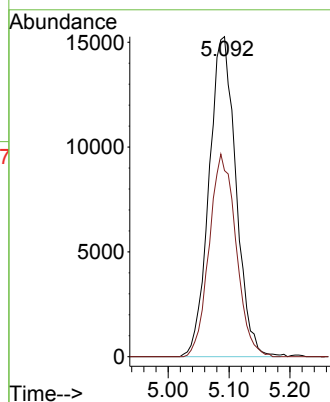
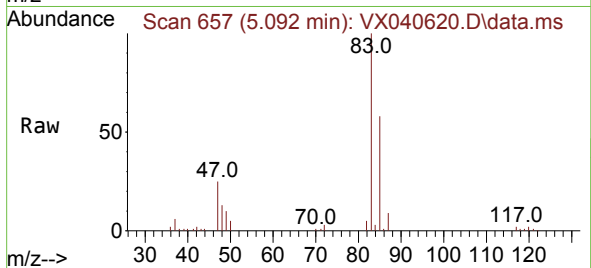




#25
Chloroform
Concen: 20.114 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

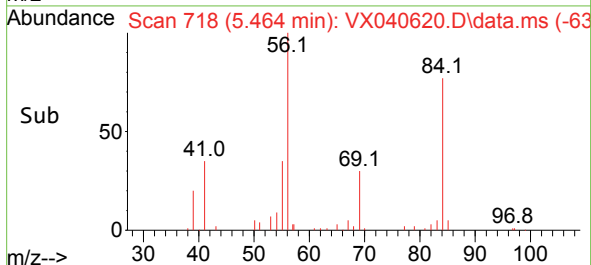
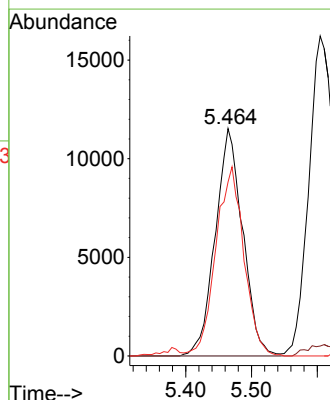
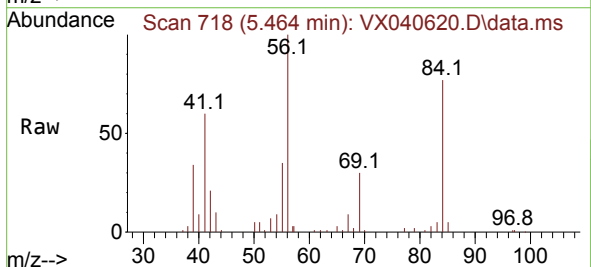
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

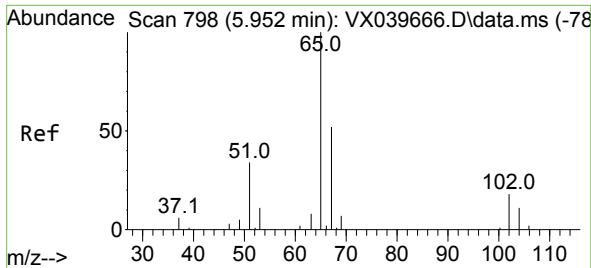
Tgt Ion: 83 Resp: 46838
Ion Ratio Lower Upper
83 100
85 58.1 54.6 81.8



#26
Cyclohexane
Concen: 19.491 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

Tgt Ion: 56 Resp: 33466
Ion Ratio Lower Upper
56 100
89 1.1 0.0 0.0#
84 85.2 67.2 100.8

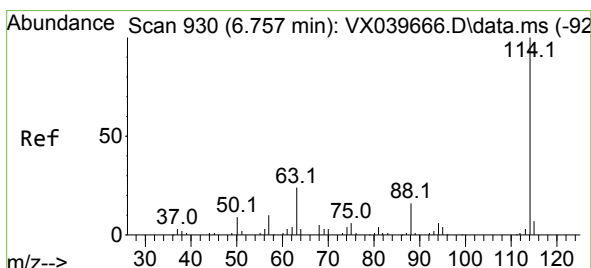
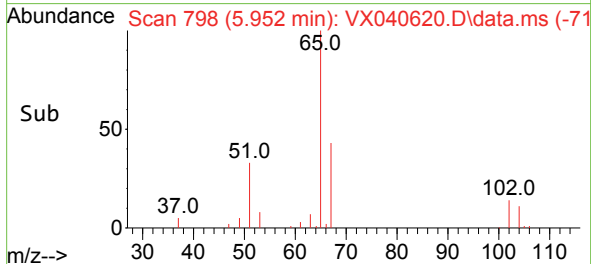
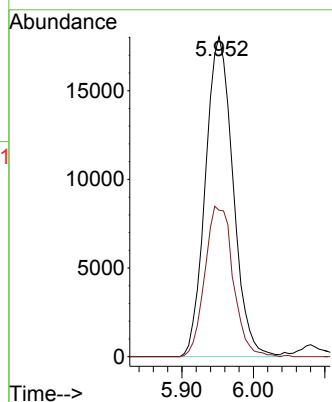
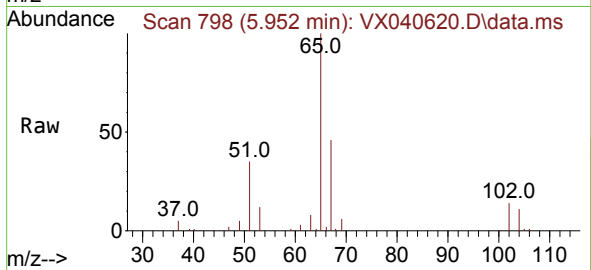




#27
 1,2-Dichloroethane-d4
 Concen: 28.904 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX040620.D
 Acq: 08 Mar 2024 10:12

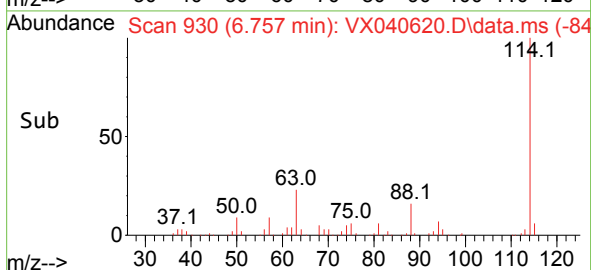
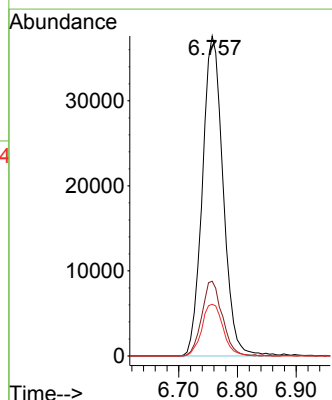
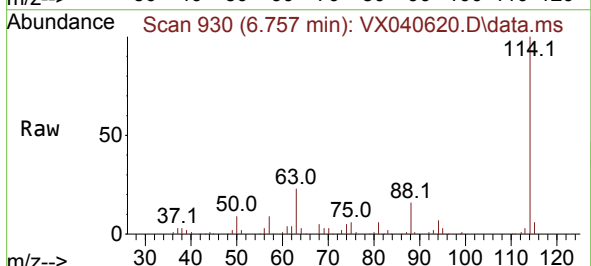
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

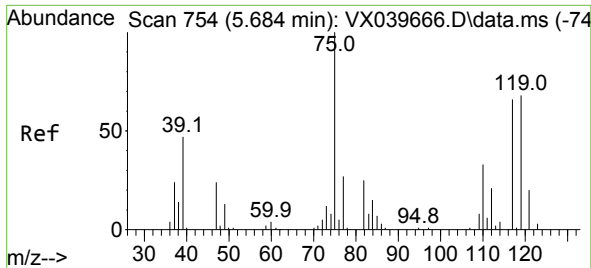
Tgt Ion: 65 Resp: 48495
 Ion Ratio Lower Upper
 65 100
 67 48.0 42.5 63.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX040620.D
 Acq: 08 Mar 2024 10:12

Tgt Ion: 114 Resp: 92184
 Ion Ratio Lower Upper
 114 100
 63 23.1 17.0 25.4
 88 16.6 12.7 19.1

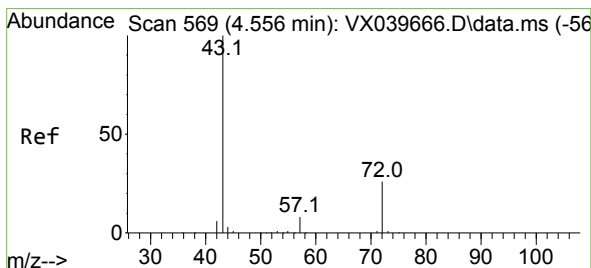
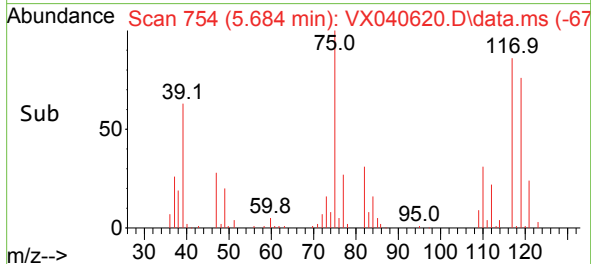
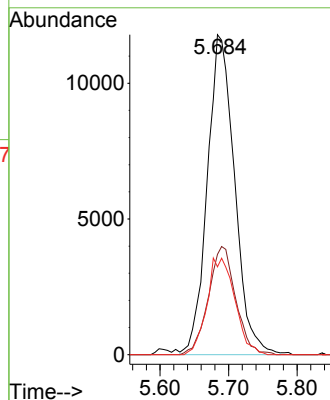
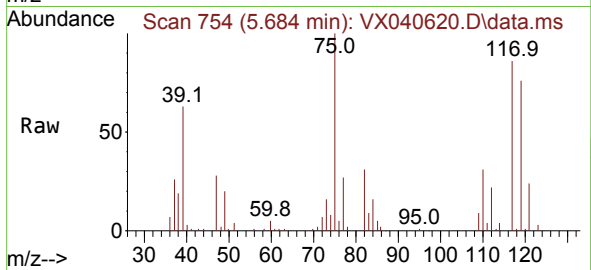




#29
1,1-Dichloropropene
Concen: 20.456 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

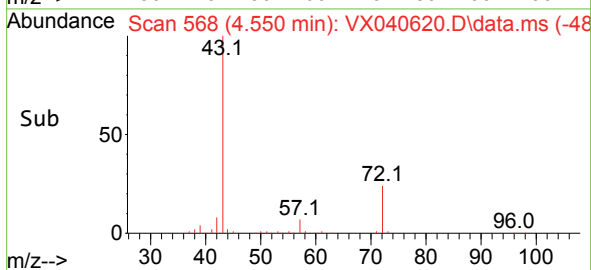
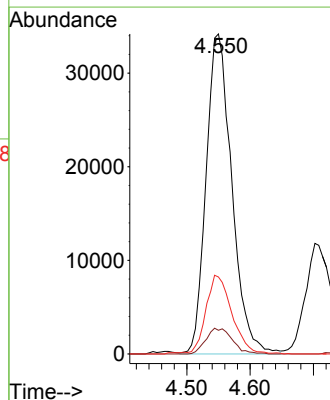
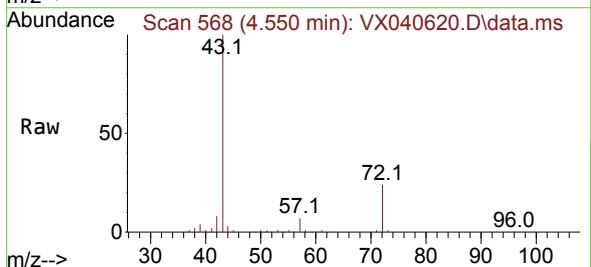
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

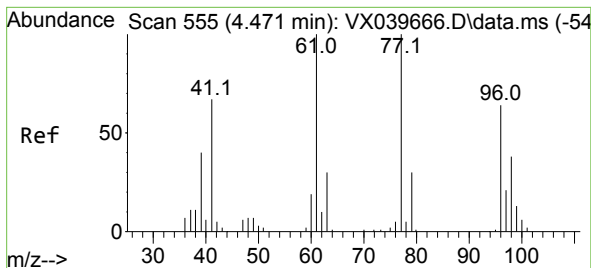
Tgt Ion:	75	Resp:	32641
Ion	Ratio	Lower	Upper
75	100		
110	33.6	0.0	71.2
77	13.8	0.0	62.6



#30
2-Butanone
Concen: 99.283 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.006 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

Tgt Ion:	43	Resp:	96671
Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.6	10.0
72	24.6	20.6	31.0





#31

2,2-Dichloropropane

Concen: 20.635 ug/l

RT: 4.471 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX040620.D

Acq: 08 Mar 2024 10:12

Instrument :

MSVOA_X

ClientSampleId :

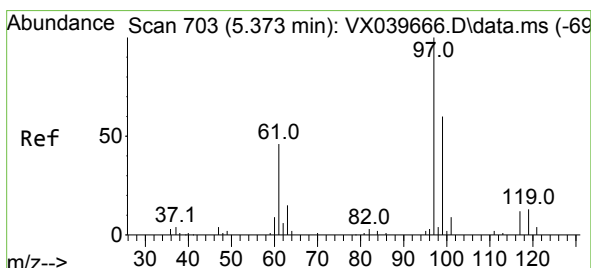
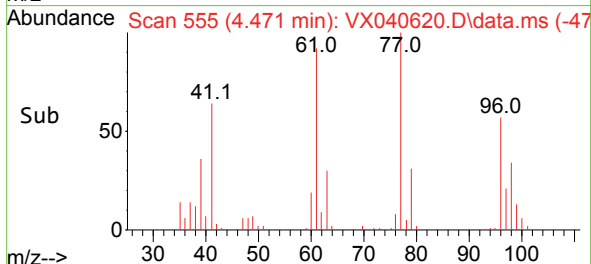
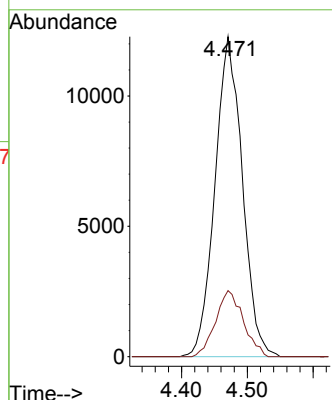
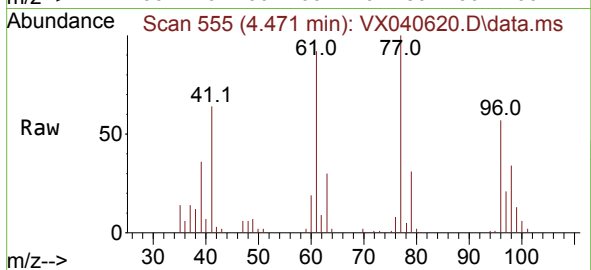
VSTDCCC020

Tgt Ion: 77 Resp: 35538

Ion Ratio Lower Upper

77 100

97 20.9 18.2 27.4



#32

1,1,1-Trichloroethane

Concen: 20.305 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX040620.D

Acq: 08 Mar 2024 10:12

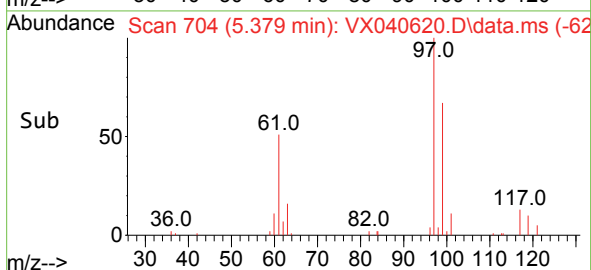
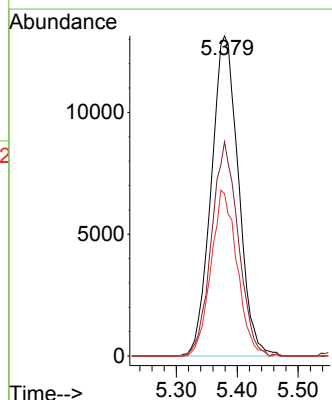
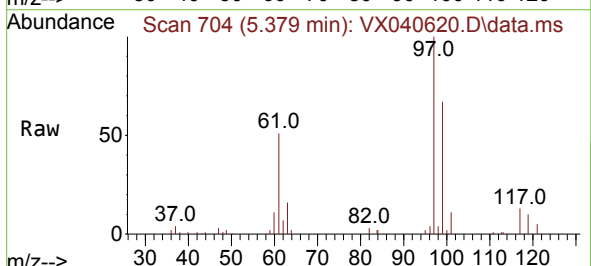
Tgt Ion: 97 Resp: 40826

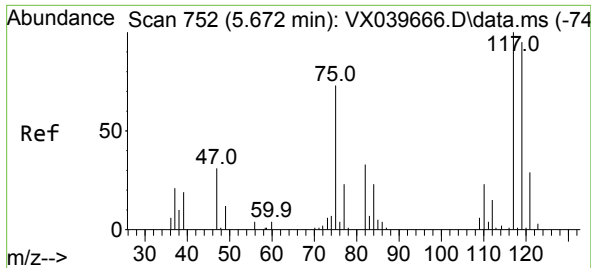
Ion Ratio Lower Upper

97 100

99 65.5 52.6 79.0

61 49.5 36.9 55.3

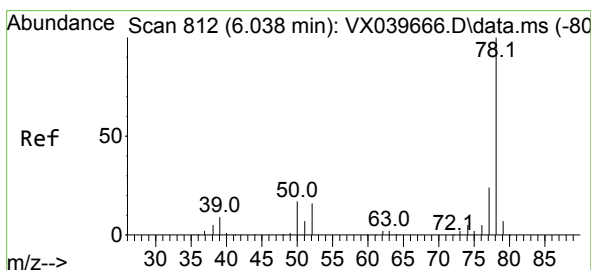
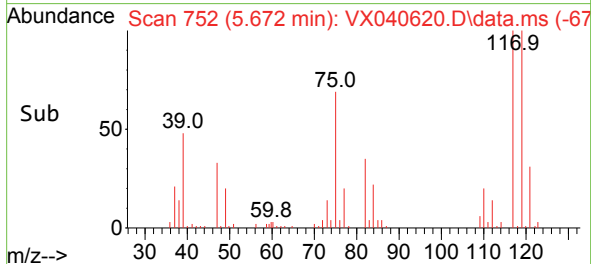
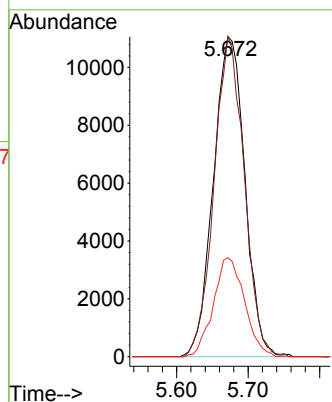
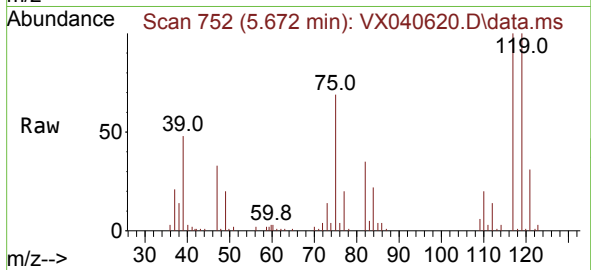




#33
Carbon Tetrachloride
Concen: 19.916 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

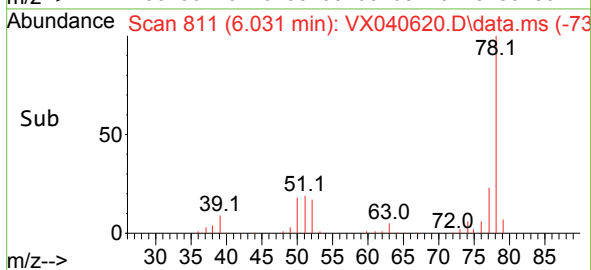
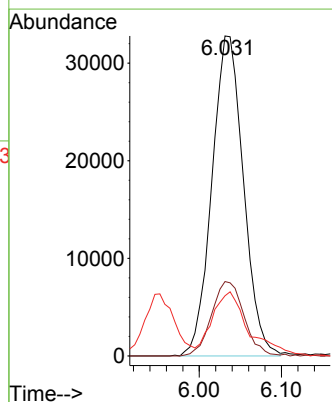
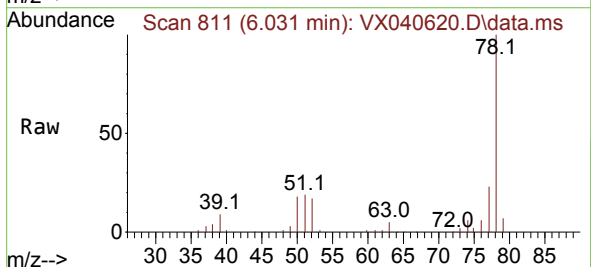
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

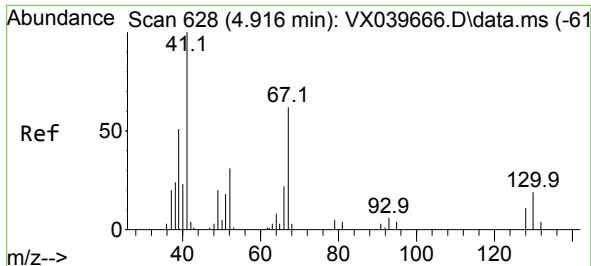
Tgt Ion:117 Resp: 33690
Ion Ratio Lower Upper
117 100
119 100.0 78.2 117.4
121 30.9 24.7 37.1



#34
Benzene
Concen: 20.253 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.007 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

Tgt Ion: 78 Resp: 87240
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9
51 16.1 14.4 21.6

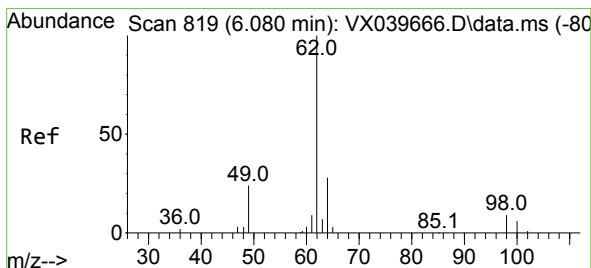
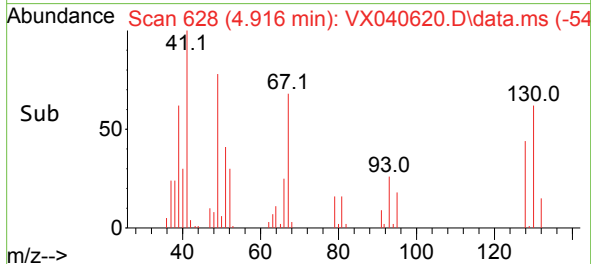
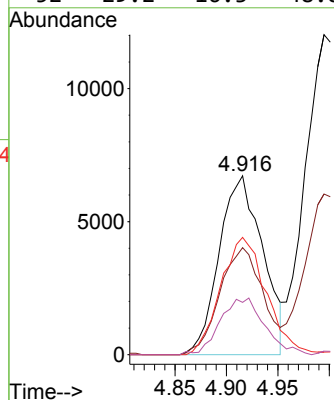
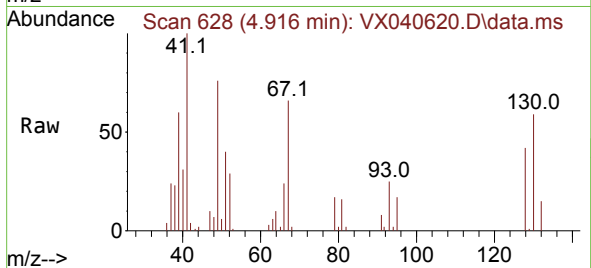




#35
Methacrylonitrile
Concen: 19.788 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

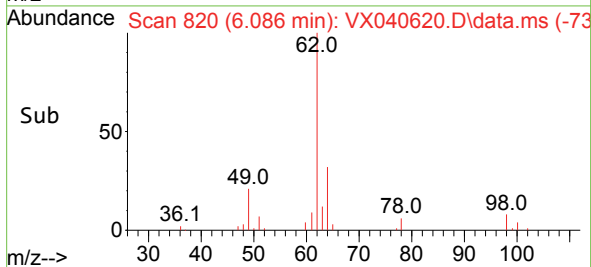
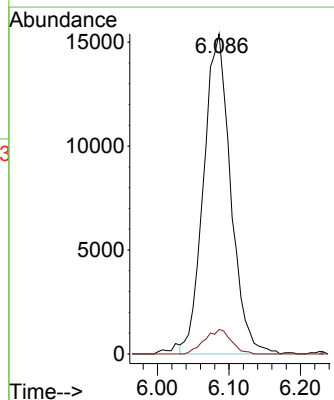
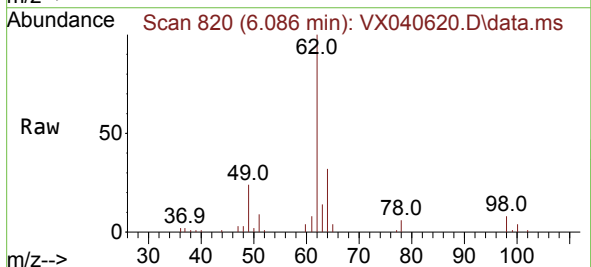
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

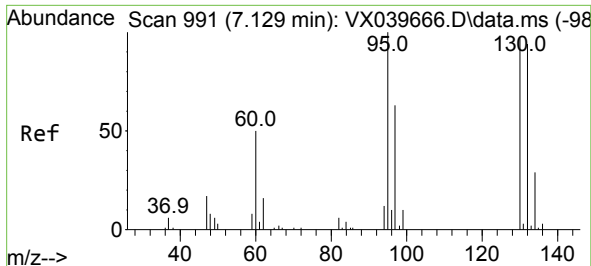
Tgt Ion:	41	Resp:	19780
Ion	Ratio	Lower	Upper
41	100		
39	59.8	28.2	84.7
67	65.5	34.5	103.5
52	29.2	16.3	48.8



#36
1,2-Dichloroethane
Concen: 20.324 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

Tgt Ion:	62	Resp:	40478
Ion	Ratio	Lower	Upper
62	100		
98	7.5	7.0	10.4





#37

Trichloroethene

Concen: 20.432 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX040620.D

Acq: 08 Mar 2024 10:12

Instrument :

MSVOA_X

ClientSampleId :

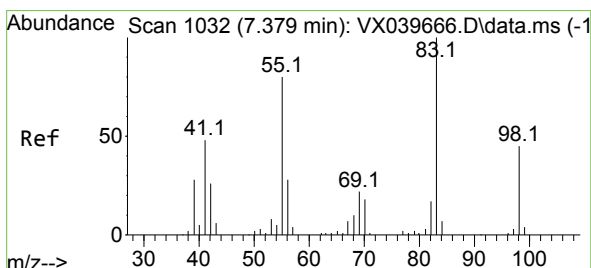
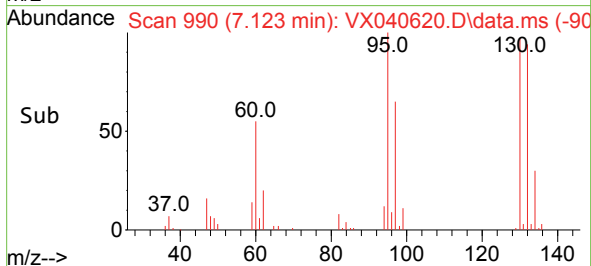
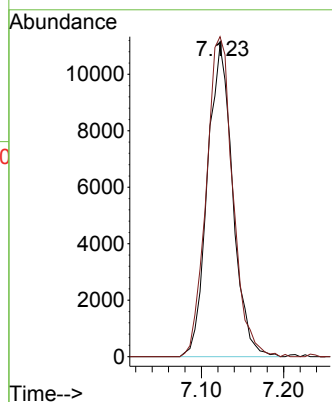
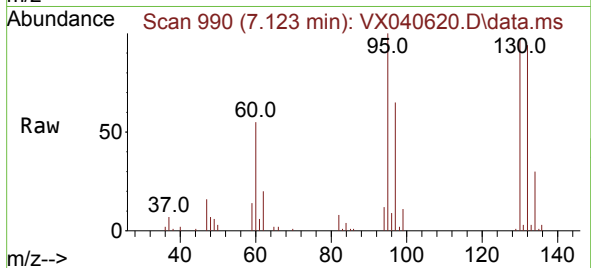
VSTDCCC020

Tgt Ion:130 Resp: 23651

Ion Ratio Lower Upper

130 100

95 102.6 85.8 128.8



#38

Methylcyclohexane

Concen: 21.099 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX040620.D

Acq: 08 Mar 2024 10:12

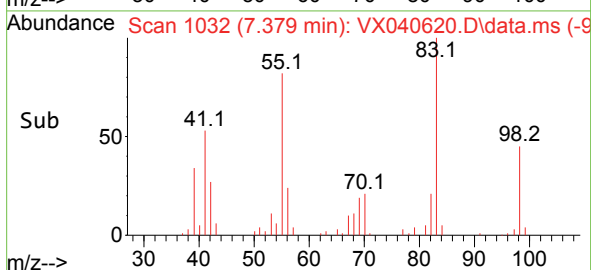
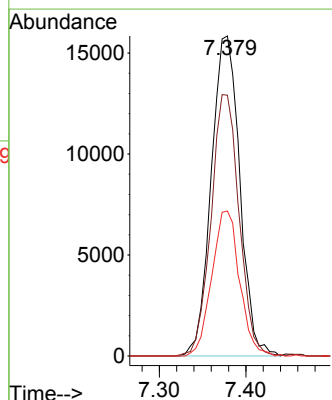
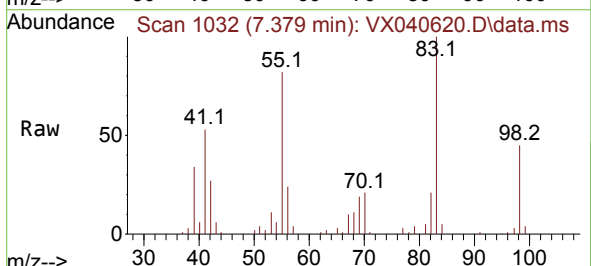
Tgt Ion: 83 Resp: 36252

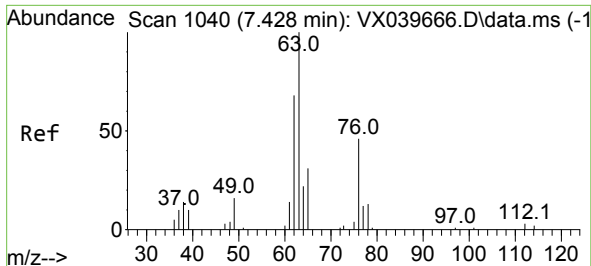
Ion Ratio Lower Upper

83 100

55 80.2 38.6 116.0

98 44.1 22.3 66.8





#39

1,2-Dichloropropane

Concen: 20.962 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.001 min

Lab File: VX040620.D

Acq: 08 Mar 2024 10:12

Instrument :

MSVOA_X

ClientSampleId :

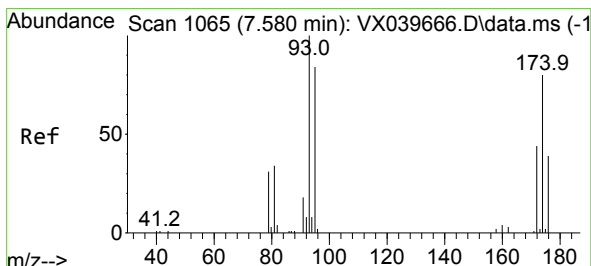
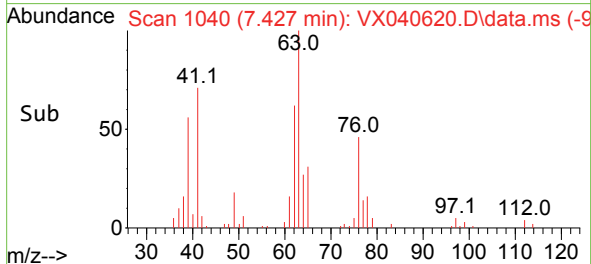
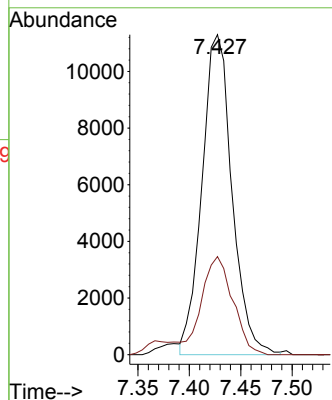
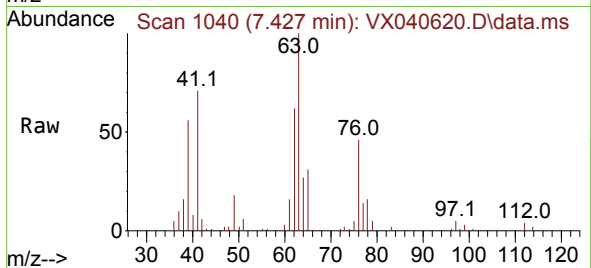
VSTDCCC020

Tgt Ion: 63 Resp: 22990

Ion Ratio Lower Upper

63 100

65 30.9 24.6 37.0



#40

Dibromomethane

Concen: 21.343 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX040620.D

Acq: 08 Mar 2024 10:12

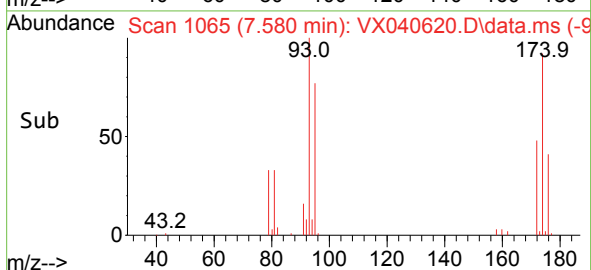
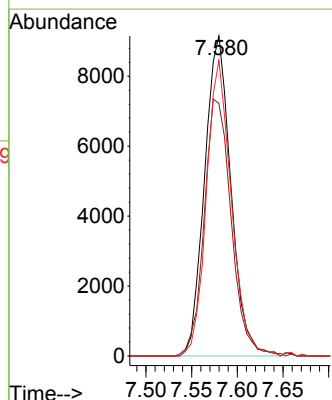
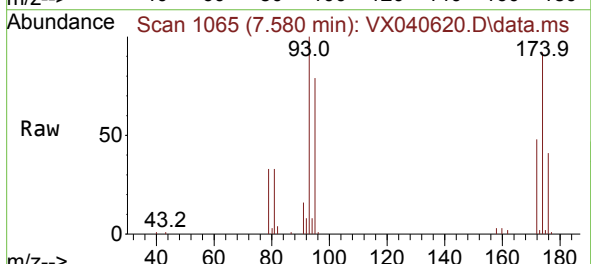
Tgt Ion: 93 Resp: 18389

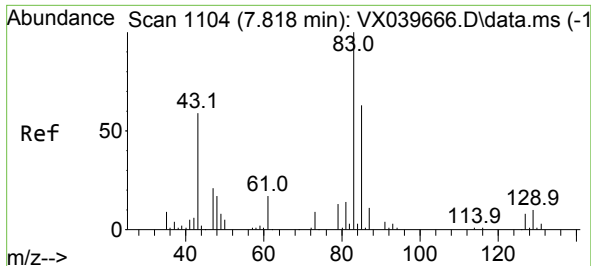
Ion Ratio Lower Upper

93 100

95 82.4 0.0 163.4

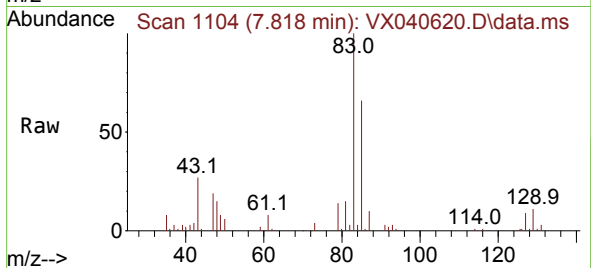
174 87.4 0.0 166.4



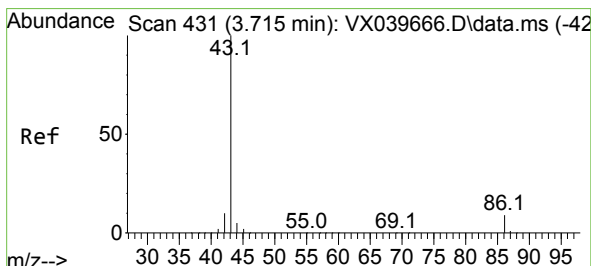
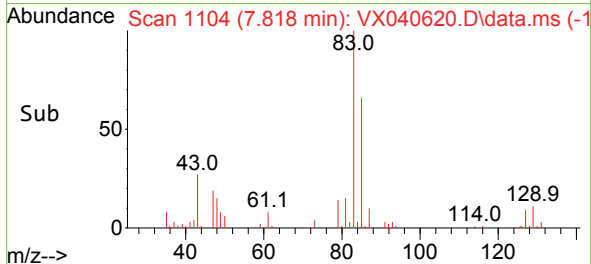
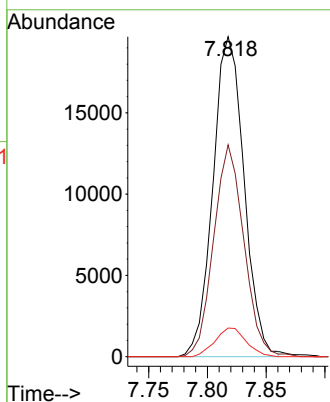


#41
Bromodichloromethane
Concen: 21.153 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

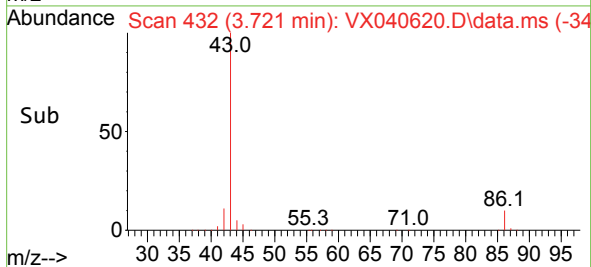
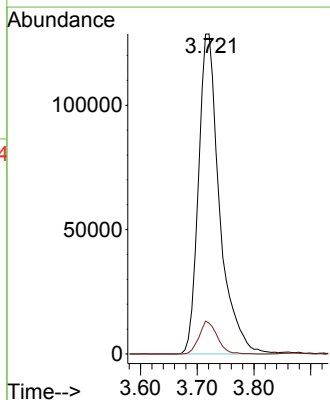
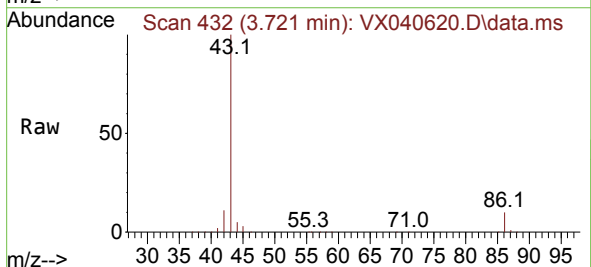


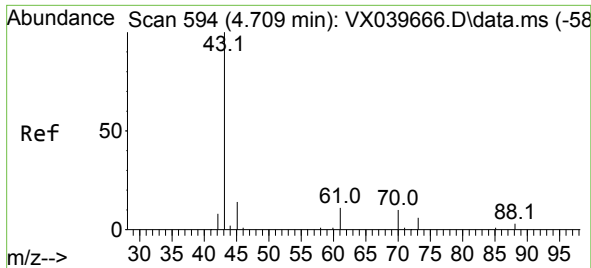
Tgt Ion: 83 Resp: 36257
Ion Ratio Lower Upper
83 100
85 66.2 50.8 76.2
127 8.9 5.9 8.9#



#42
Vinyl Acetate
Concen: 99.171 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.006 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

Tgt Ion: 43 Resp: 332464
Ion Ratio Lower Upper
43 100
86 8.8 6.7 10.1

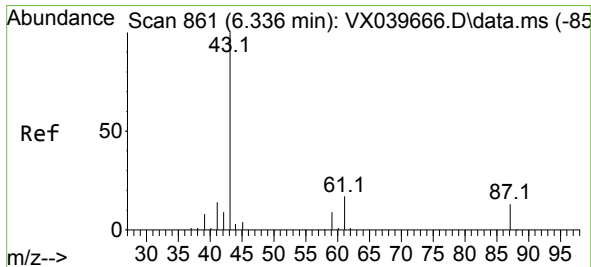
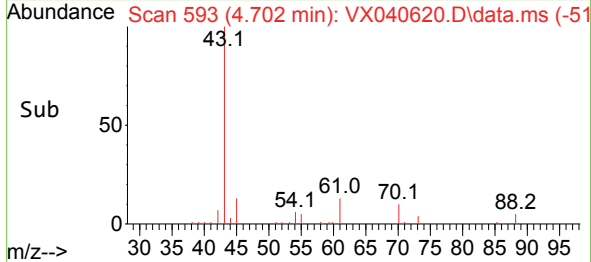
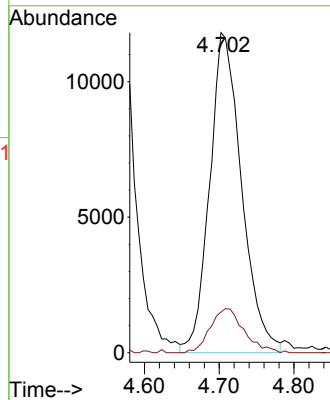
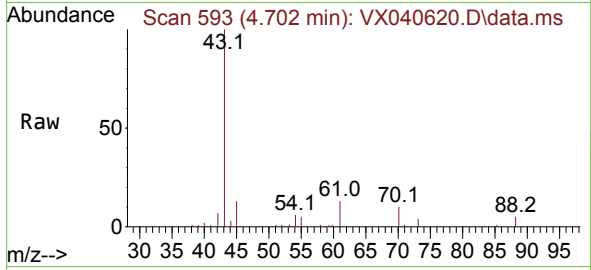




#43
Ethyl Acetate
Concen: 19.139 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.007 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

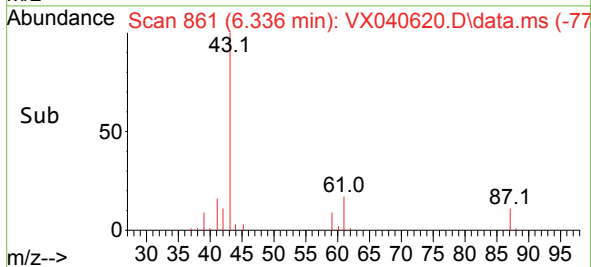
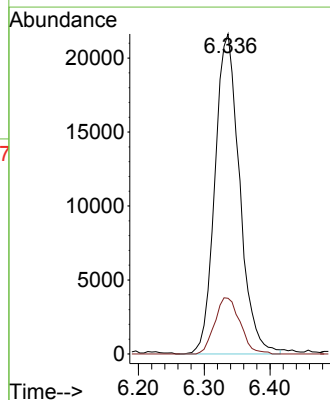
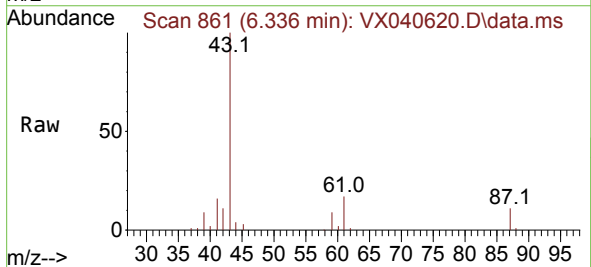
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

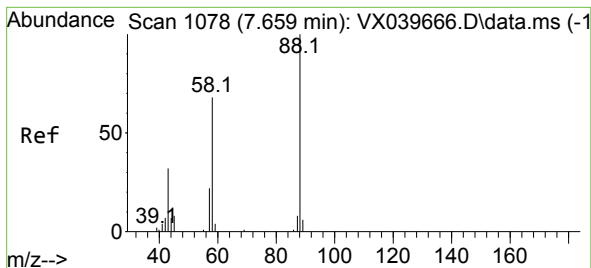
Tgt Ion: 43 Resp: 35097
Ion Ratio Lower Upper
43 100
45 14.0 11.8 17.8



#44
Isopropyl Acetate
Concen: 19.246 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

Tgt Ion: 43 Resp: 56335
Ion Ratio Lower Upper
43 100
61 18.1 15.6 23.4





#45

1,4-Dioxane

Concen: 376.982 ug/l

RT: 7.653 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX040620.D

Acq: 08 Mar 2024 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

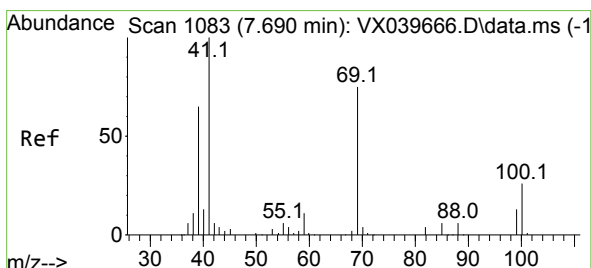
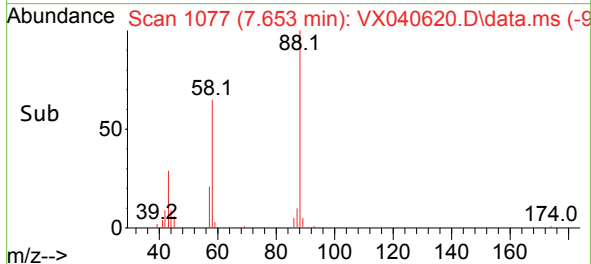
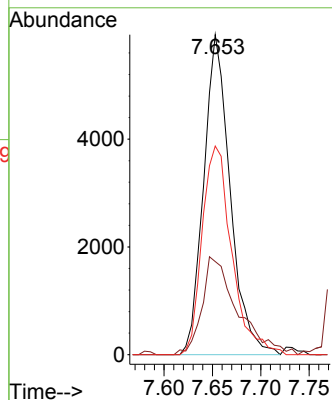
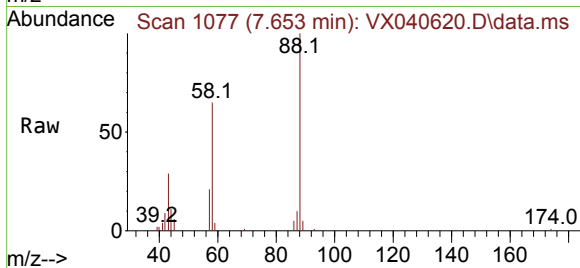
Tgt Ion: 88 Resp: 11343

Ion Ratio Lower Upper

88 100

43 40.9 28.1 42.1

58 72.8 57.7 86.5



#46

Methyl methacrylate

Concen: 20.079 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. -0.000 min

Lab File: VX040620.D

Acq: 08 Mar 2024 10:12

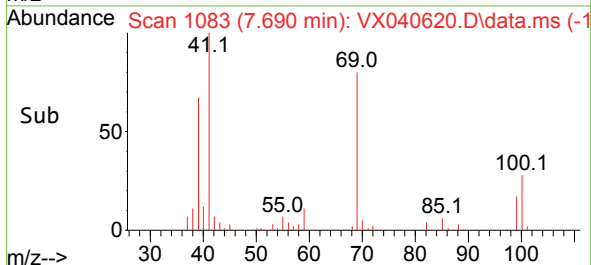
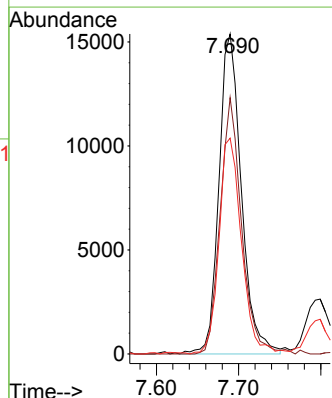
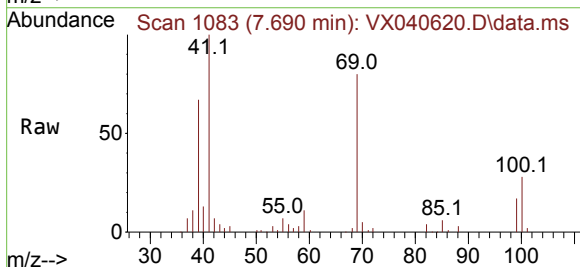
Tgt Ion: 41 Resp: 29192

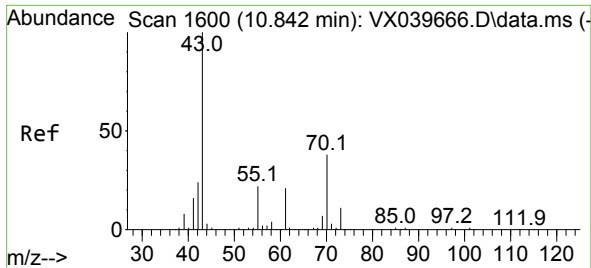
Ion Ratio Lower Upper

41 100

69 80.1 39.6 118.8

39 67.1 30.1 90.3

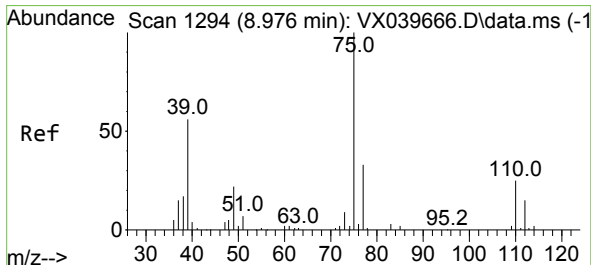
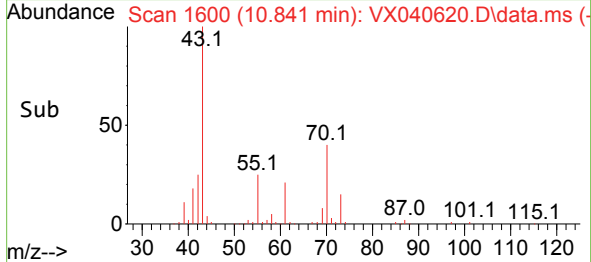
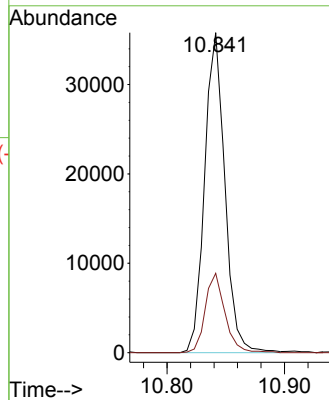
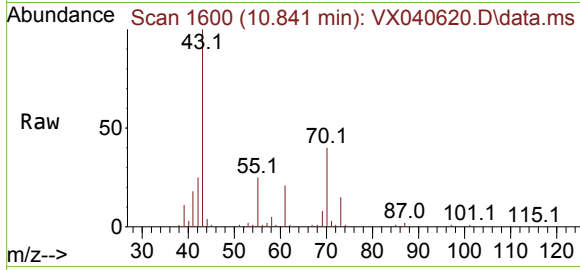




#47
n-amyl acetate
Concen: 16.957 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

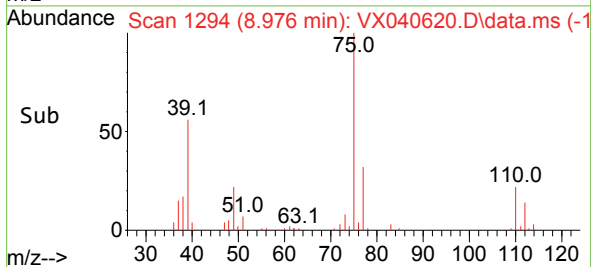
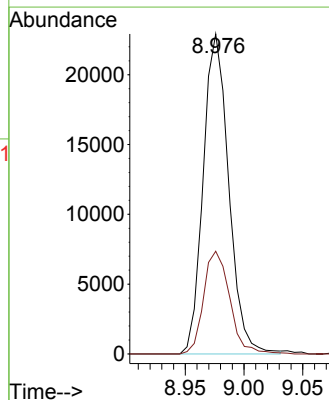
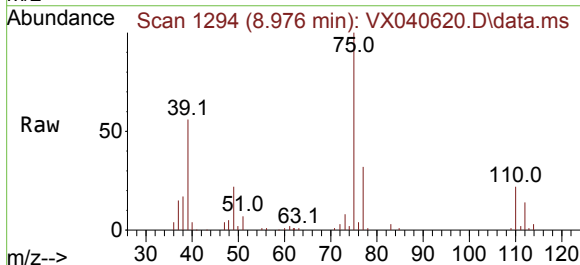
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

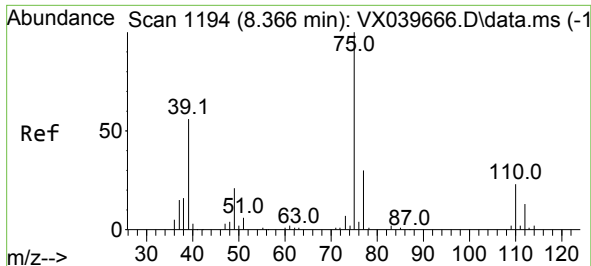
Tgt Ion: 43 Resp: 42778
Ion Ratio Lower Upper
43 100
55 24.2 18.2 27.2



#48
t-1,3-Dichloropropene
Concen: 19.157 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

Tgt Ion: 75 Resp: 34707
Ion Ratio Lower Upper
75 100
77 32.1 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 20.690 ug/l

RT: 8.360 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX040620.D

Acq: 08 Mar 2024 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

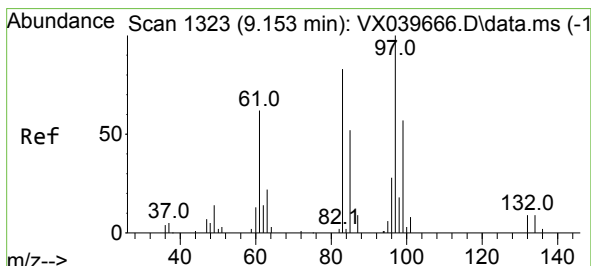
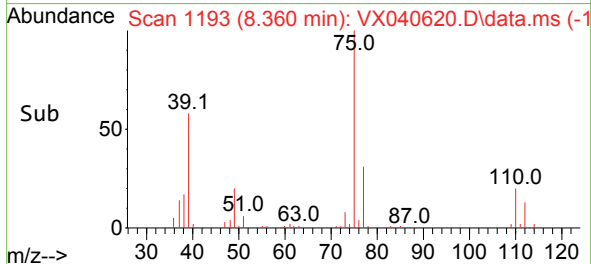
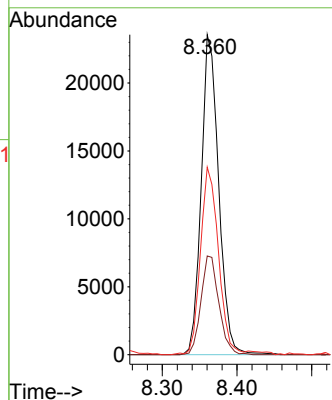
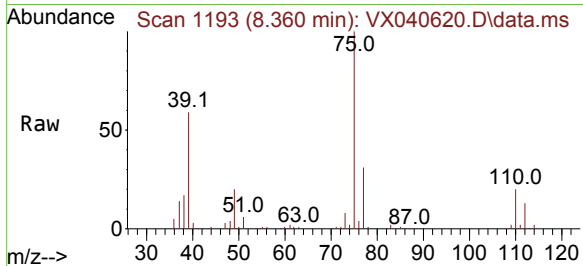
Tgt Ion: 75 Resp: 38185

Ion Ratio Lower Upper

75 100

77 30.9 24.4 36.6

39 58.3 40.6 60.8



#50

1,1,2-Trichloroethane

Concen: 21.279 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.006 min

Lab File: VX040620.D

Acq: 08 Mar 2024 10:12

Tgt Ion: 97 Resp: 24353

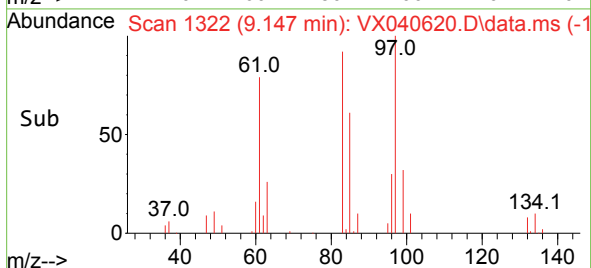
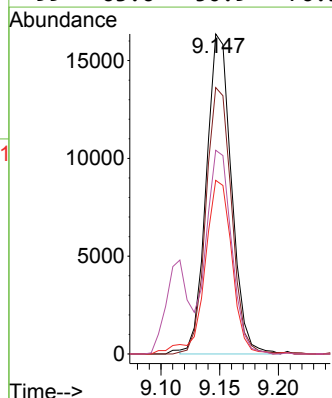
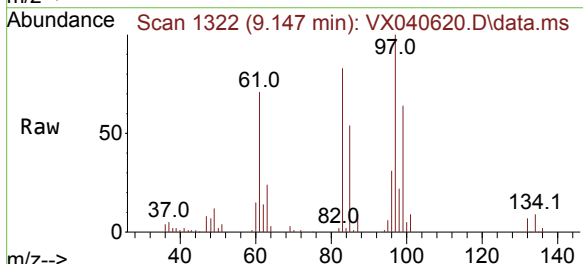
Ion Ratio Lower Upper

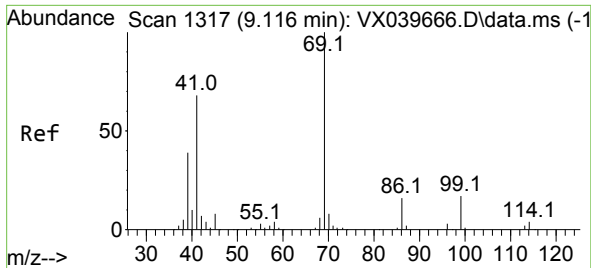
97 100

83 82.8 69.0 103.6

85 53.9 46.3 69.5

99 63.6 50.9 76.3

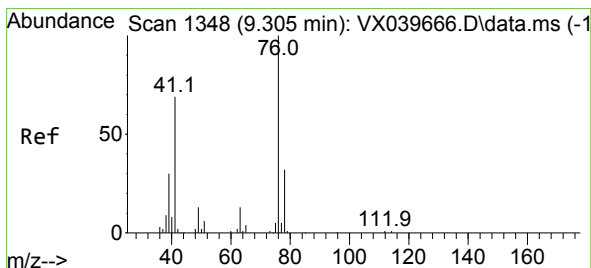
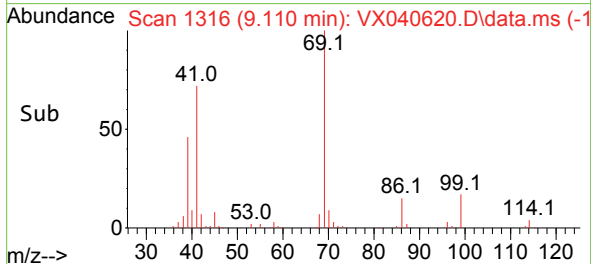
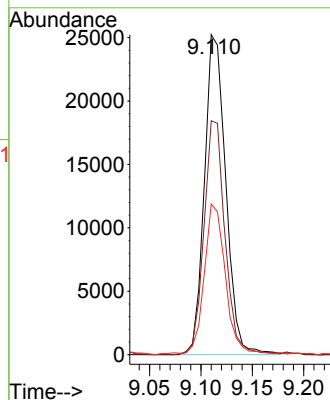
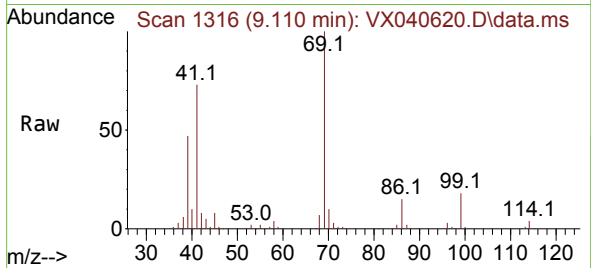




#51
Ethyl methacrylate
Concen: 20.301 ug/l
RT: 9.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

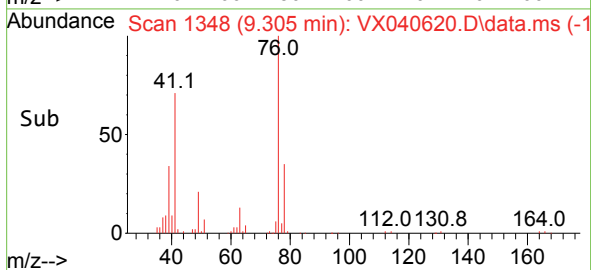
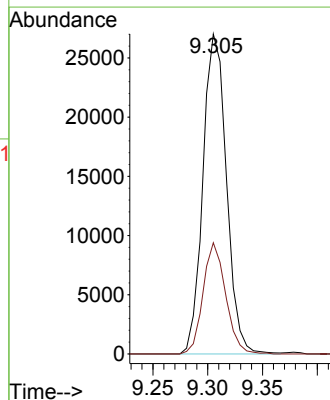
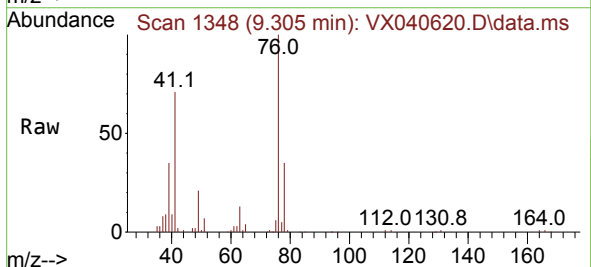
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

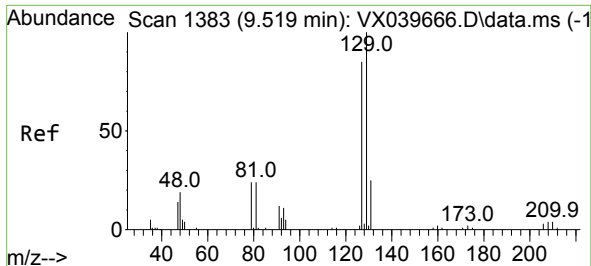
Tgt Ion: 69 Resp: 36578
Ion Ratio Lower Upper
69 100
41 72.8 36.2 108.6
39 46.7 21.1 63.4



#52
1,3-Dichloropropane
Concen: 20.678 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

Tgt Ion: 76 Resp: 40382
Ion Ratio Lower Upper
76 100
78 33.3 0.0 65.0





#53

Dibromochloromethane

Concen: 20.382 ug/l

RT: 9.518 min Scan# 11

Delta R.T. -0.001 min

Lab File: VX040620.D

Acq: 08 Mar 2024 10:12

Instrument :

MSVOA_X

ClientSampleId :

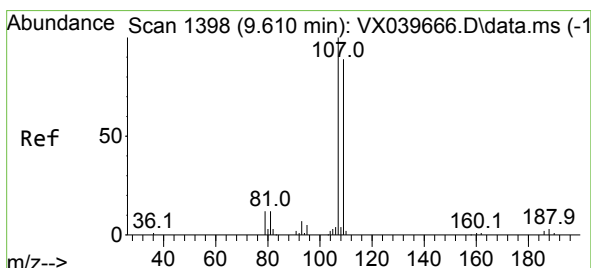
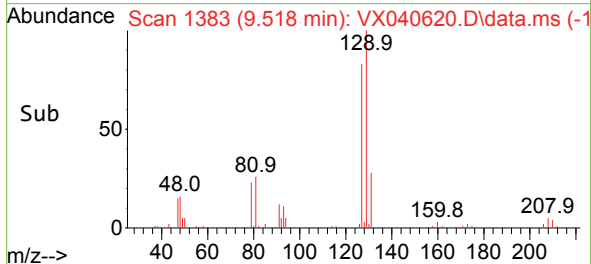
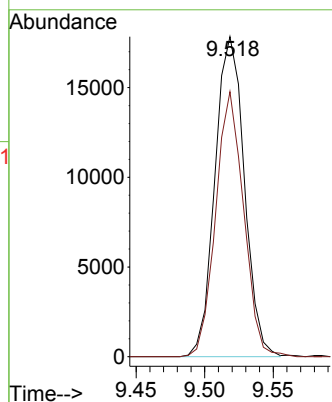
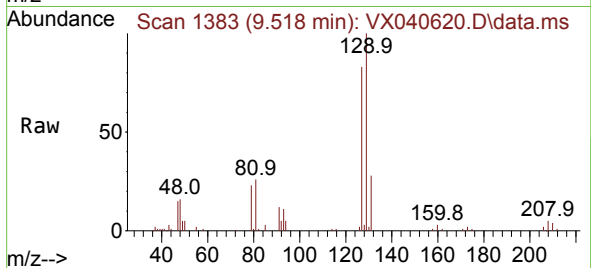
VSTDCCC020

Tgt Ion:129 Resp: 26591

Ion Ratio Lower Upper

129 100

127 78.7 38.3 114.9



#54

1,2-Dibromoethane

Concen: 20.209 ug/l

RT: 9.604 min Scan# 1397

Delta R.T. -0.006 min

Lab File: VX040620.D

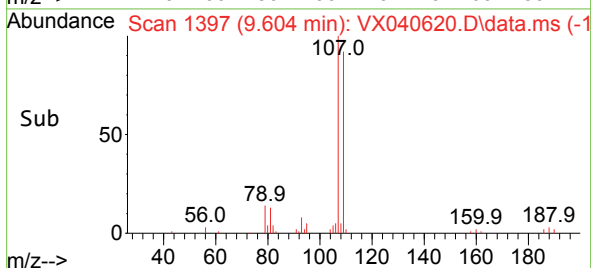
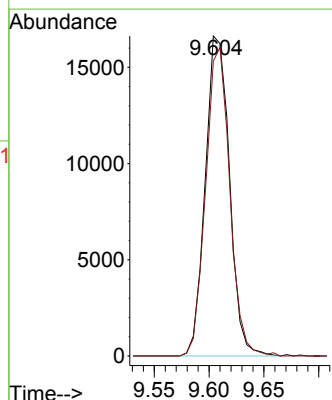
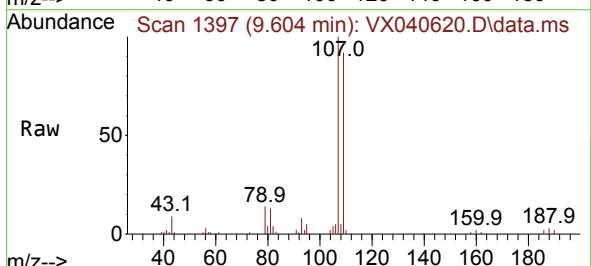
Acq: 08 Mar 2024 10:12

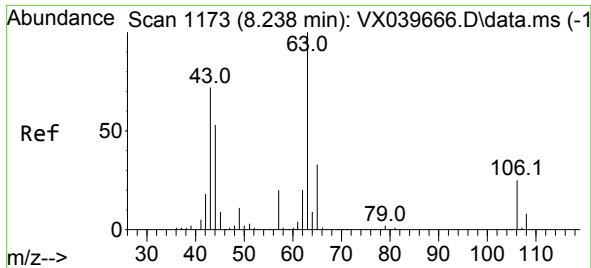
Tgt Ion:107 Resp: 25592

Ion Ratio Lower Upper

107 100

109 95.5 75.1 112.7

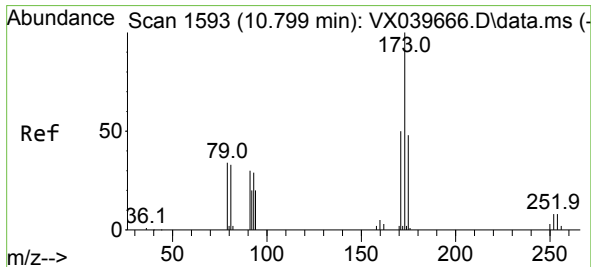
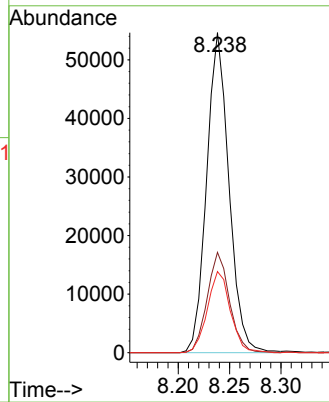
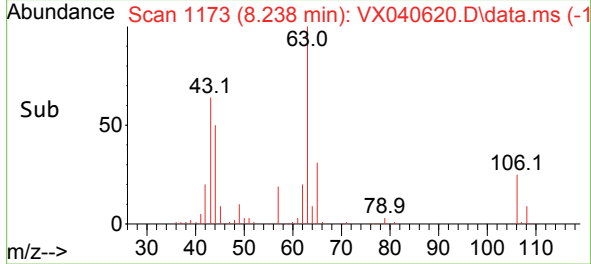
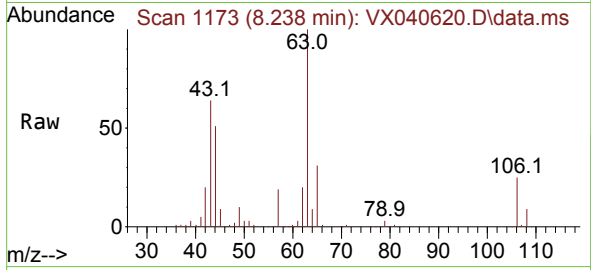




#55
2-Chloroethyl vinyl ether
Concen: 89.883 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

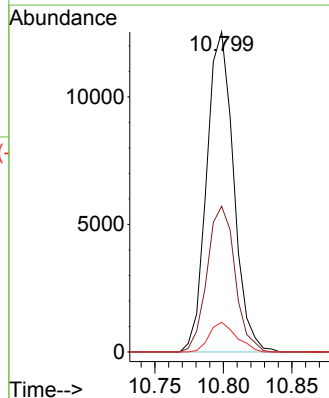
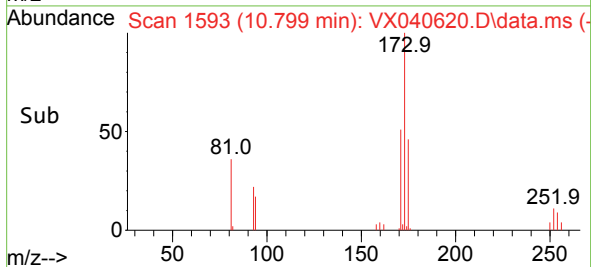
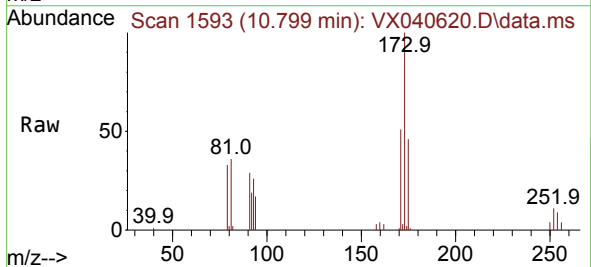
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

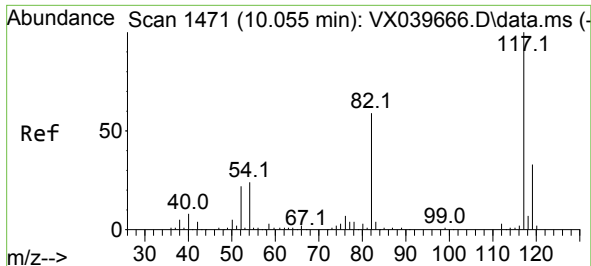
Tgt Ion:	63	Resp:	82473
Ion	Ratio	Lower	Upper
63	100		
65	31.4	25.8	38.6
106	26.2	20.6	31.0



#56
Bromoform
Concen: 18.539 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

Tgt Ion:	173	Resp:	17156
Ion	Ratio	Lower	Upper
173	100		
175	47.1	37.6	56.4
254	9.3	5.8	8.8#

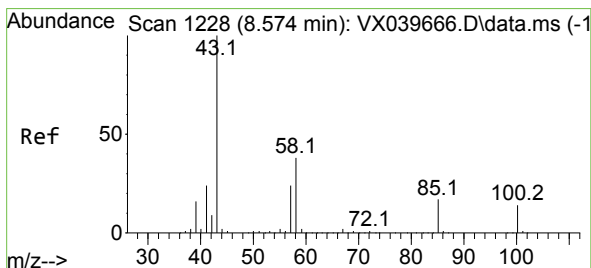
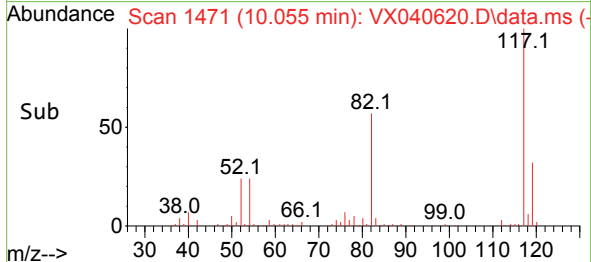
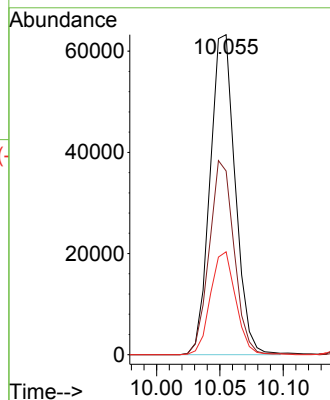
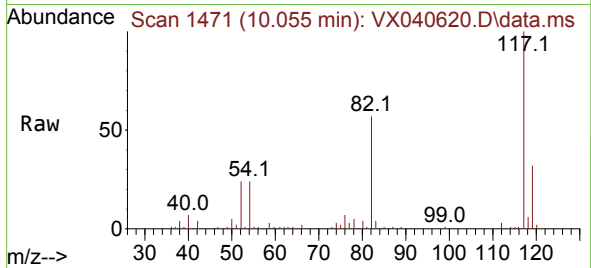




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

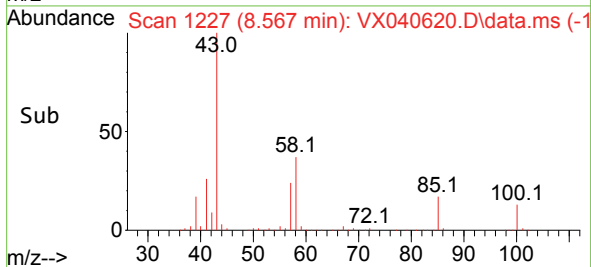
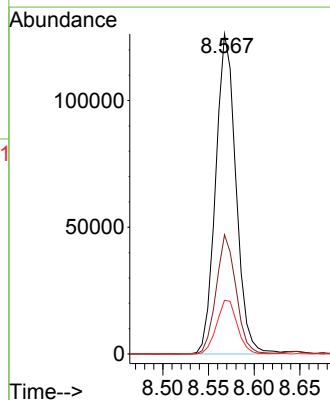
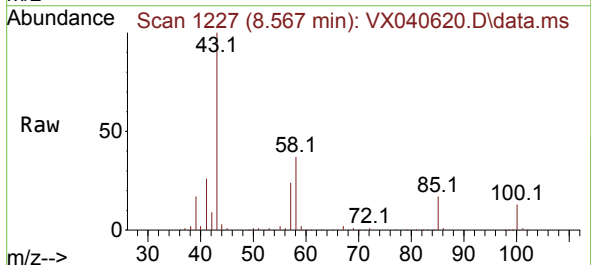
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

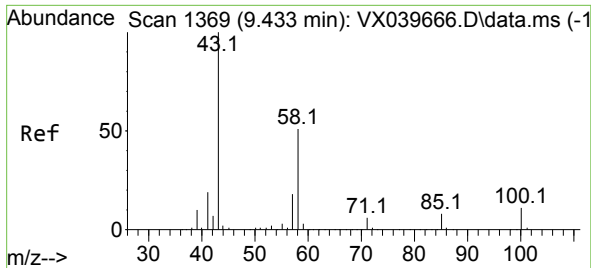
Tgt Ion:117 Resp: 87549
Ion Ratio Lower Upper
117 100
82 60.1 47.0 70.6
119 32.3 25.2 37.8



#58
4-Methyl-2-Pentanone
Concen: 100.157 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.007 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

Tgt Ion: 43 Resp: 195255
Ion Ratio Lower Upper
43 100
58 36.4 30.1 45.1
85 17.2 13.9 20.9

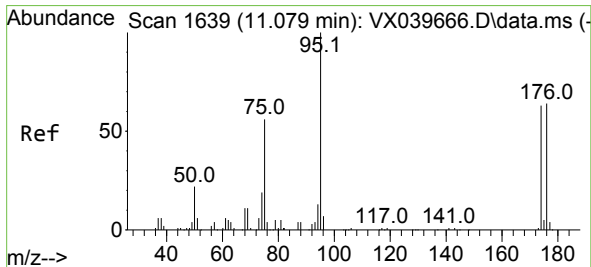
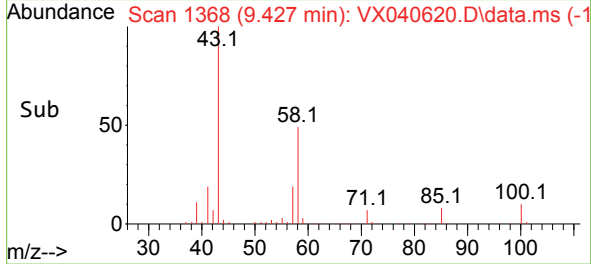
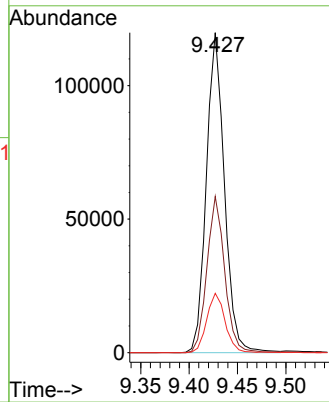
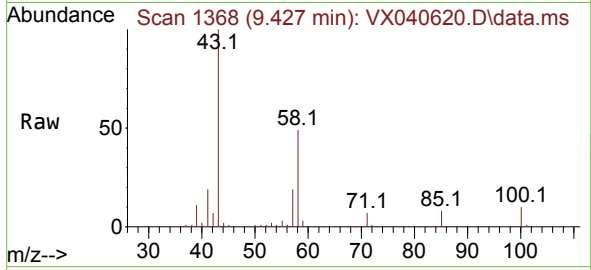




#59
2-Hexanone
Concen: 99.224 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

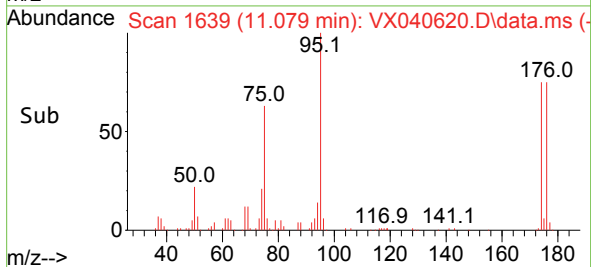
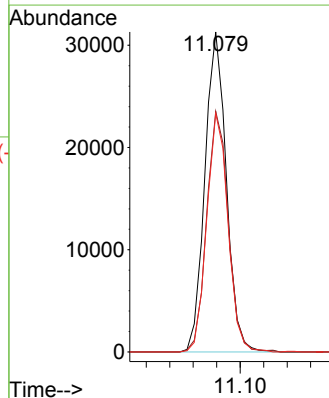
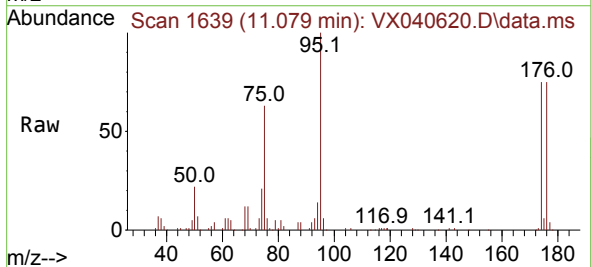
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

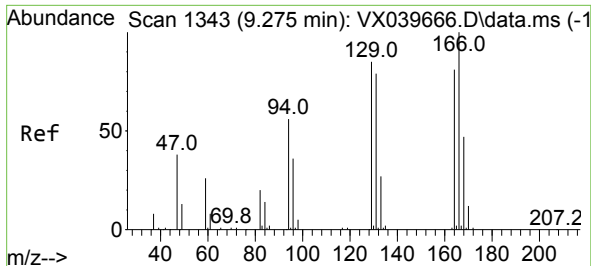
Tgt Ion:	43	Resp:	156246
Ion	Ratio	Lower	Upper
43	100		
58	48.1	42.7	64.1
57	18.8	14.8	22.2



#60
4-Bromofluorobenzene
Concen: 26.352 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

Tgt Ion:	95	Resp:	39574
Ion	Ratio	Lower	Upper
95	100		
174	75.9	55.4	83.2
176	73.7	52.6	78.8

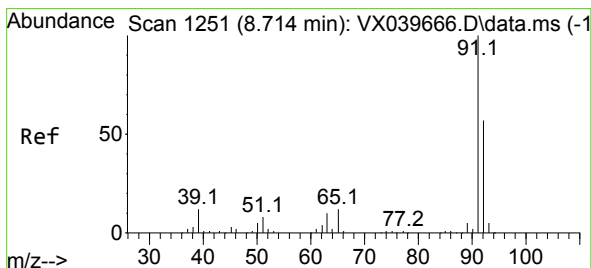
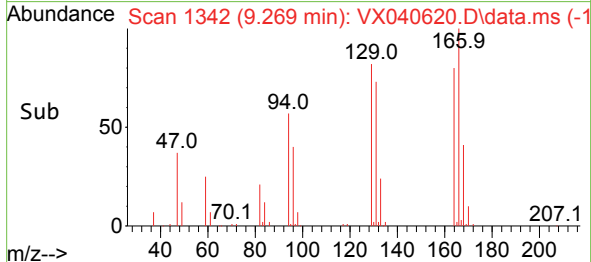
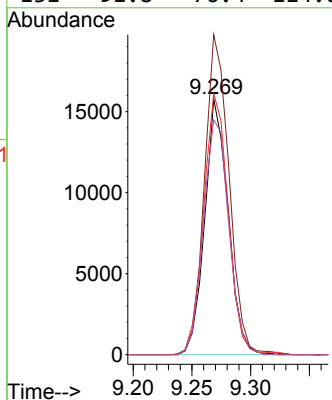
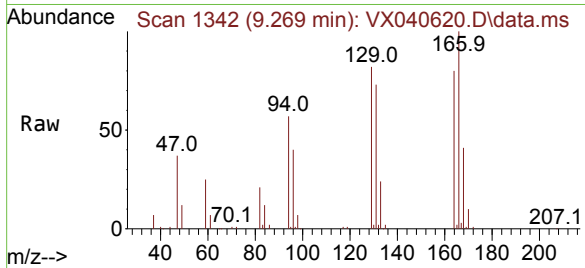




#61
Tetrachloroethene
Concen: 21.104 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

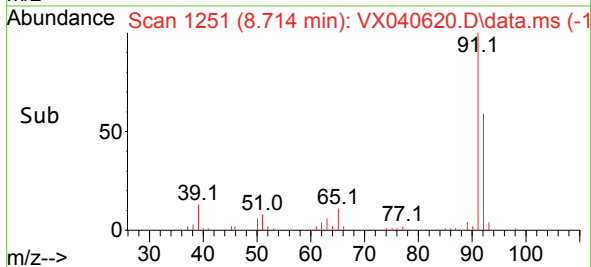
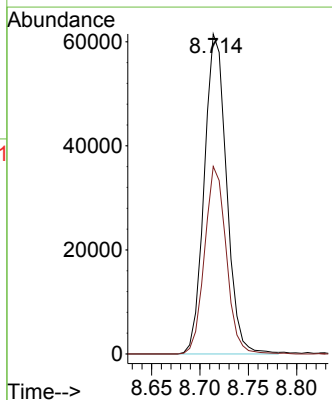
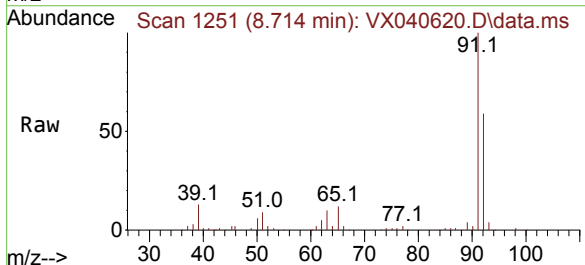
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

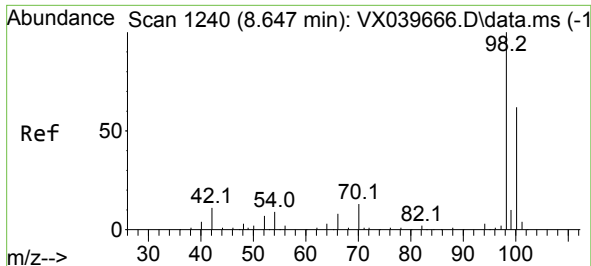
Tgt Ion:164 Resp: 21930
Ion Ratio Lower Upper
164 100
166 124.8 104.0 156.0
129 102.1 82.0 123.0
131 91.8 76.4 114.6



#62
Toluene
Concen: 20.439 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

Tgt Ion: 91 Resp: 98556
Ion Ratio Lower Upper
91 100
92 57.0 45.9 68.9

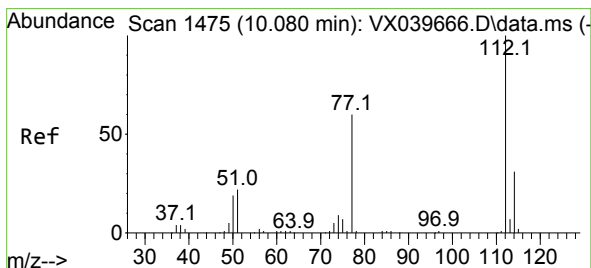
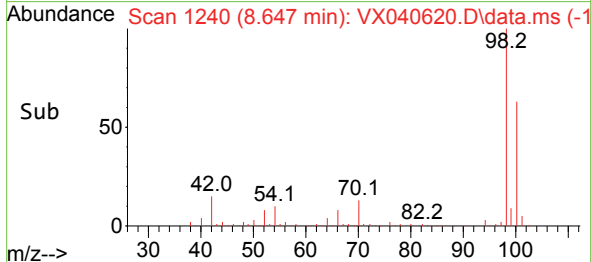
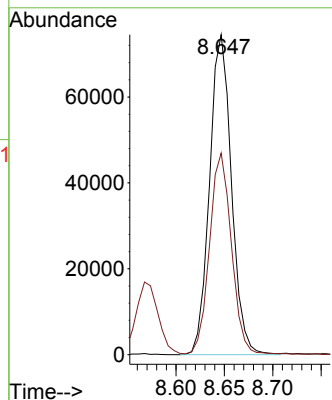
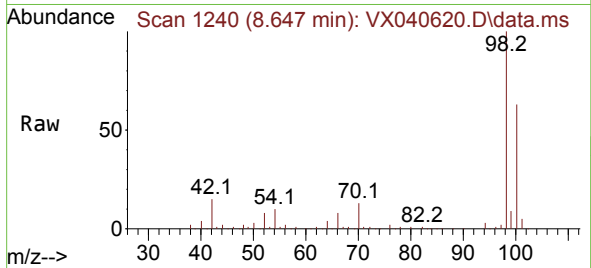




#63
Toluene-d8
Concen: 30.345 ug/l
RT: 8.647 min Scan# 117404
Delta R.T. -0.000 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

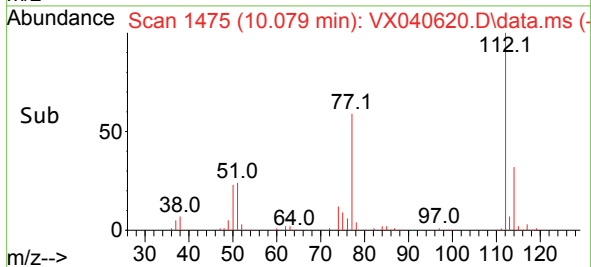
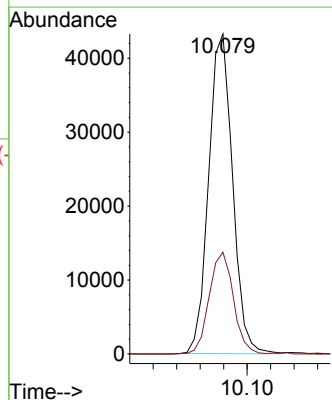
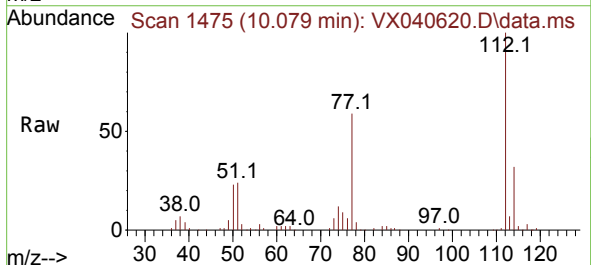
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

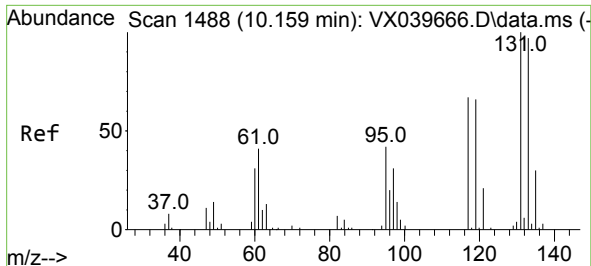
Tgt Ion: 98 Resp: 117404
Ion Ratio Lower Upper
98 100
100 63.3 51.0 76.4



#64
Chlorobenzene
Concen: 20.731 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

Tgt Ion: 112 Resp: 61097
Ion Ratio Lower Upper
112 100
114 31.7 25.9 38.9

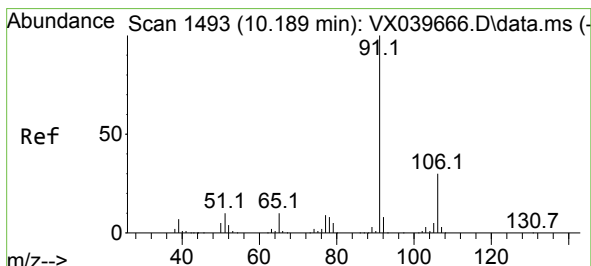
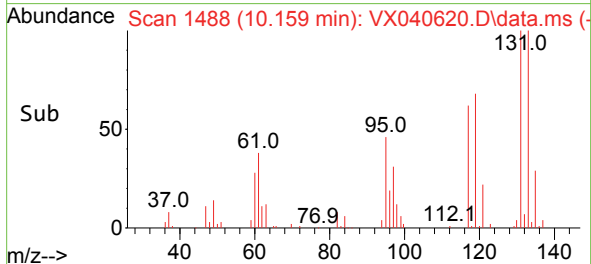
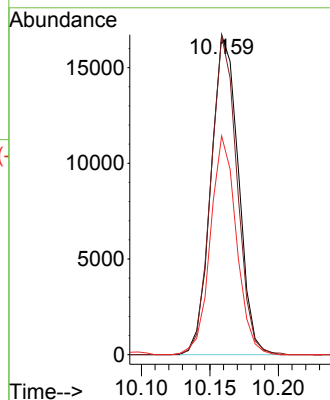
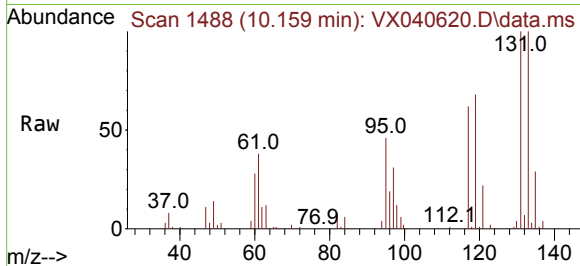




#65
1,1,1,2-Tetrachloroethane
Concen: 20.639 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

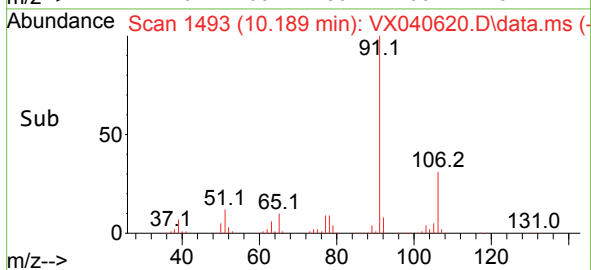
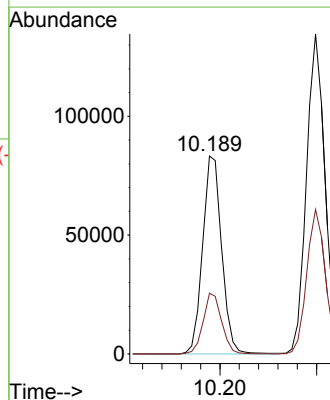
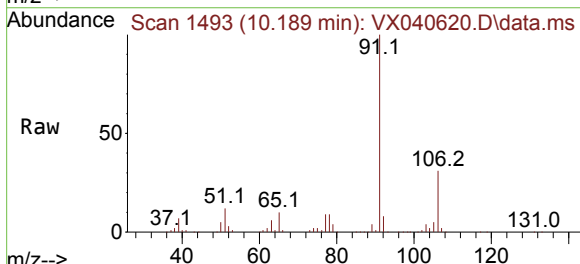
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

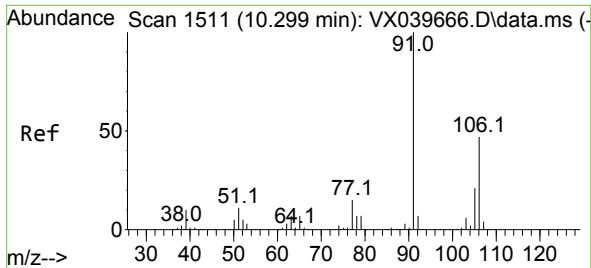
Tgt Ion:	131	Resp:	23200
Ion	Ratio	Lower	Upper
131	100		
133	95.5	0.0	191.8
119	64.8	0.0	135.4



#66
Ethyl Benzene
Concen: 20.564 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

Tgt Ion:	91	Resp:	114325
Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.4	36.6

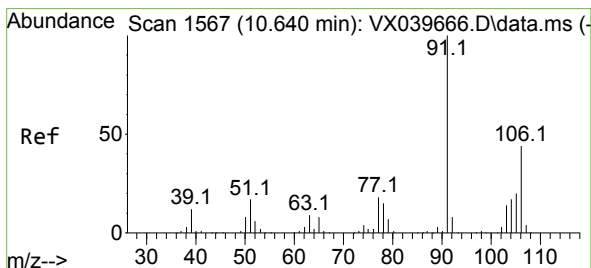
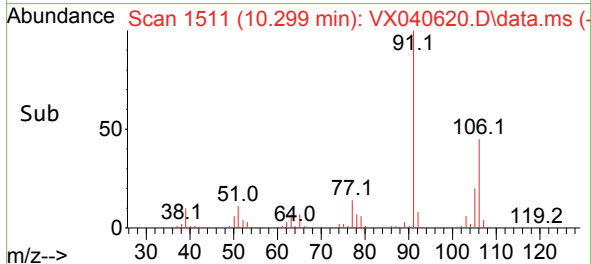
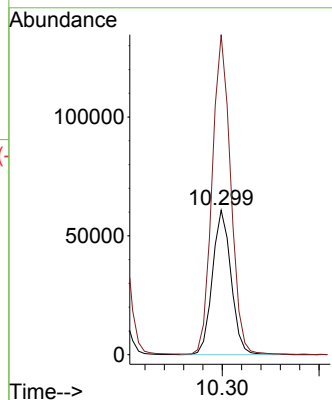
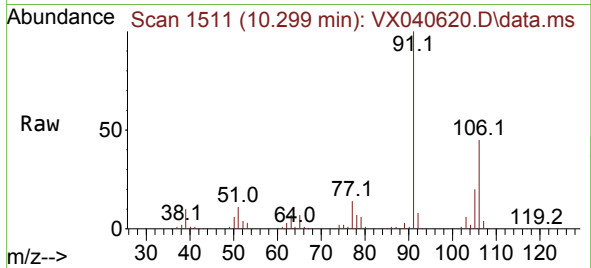




#67
m/p-Xylenes
Concen: 39.712 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

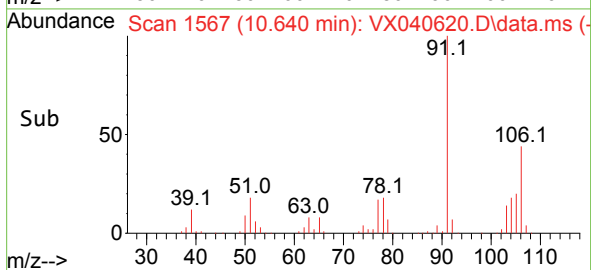
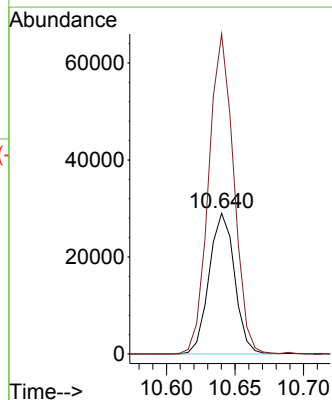
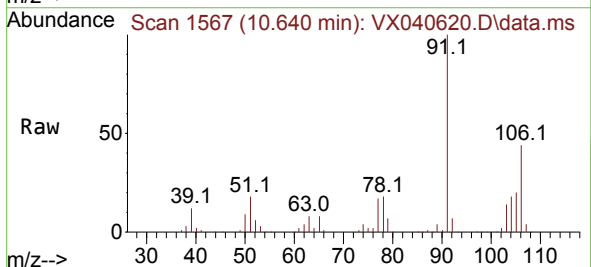
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

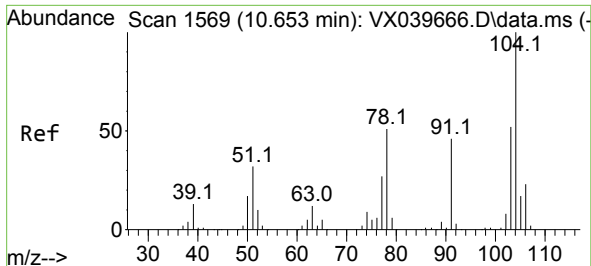
Tgt Ion:106 Resp: 81530
Ion Ratio Lower Upper
106 100
91 220.6 169.4 254.0



#68
o-Xylene
Concen: 19.012 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

Tgt Ion:106 Resp: 37574
Ion Ratio Lower Upper
106 100
91 223.3 111.2 333.6

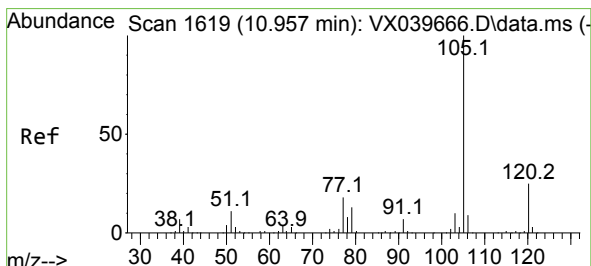
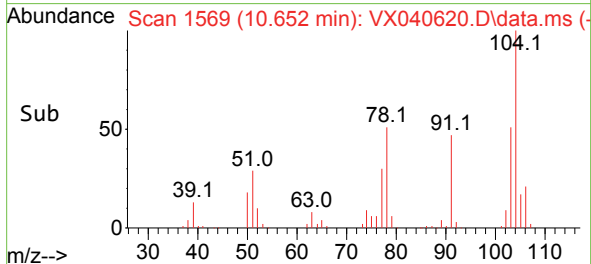
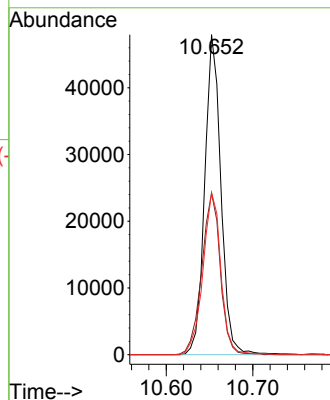
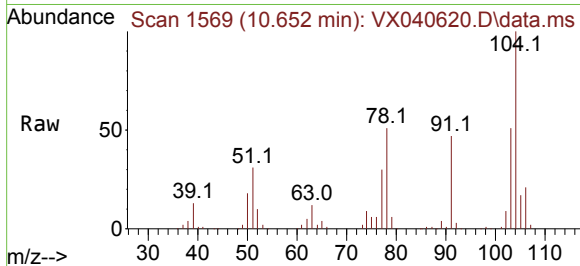




#69
Styrene
Concen: 18.802 ug/l
RT: 10.652 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

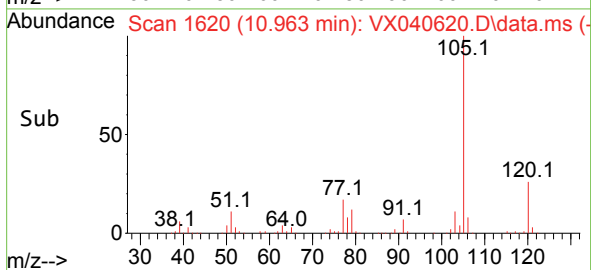
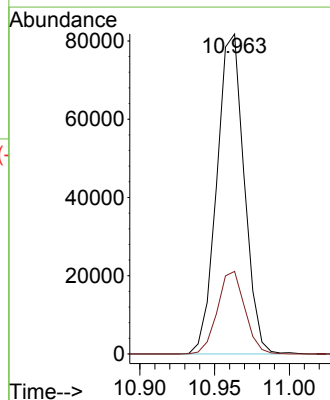
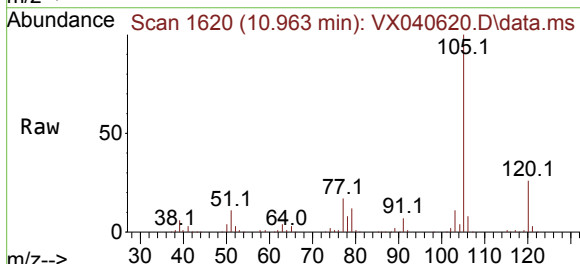
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

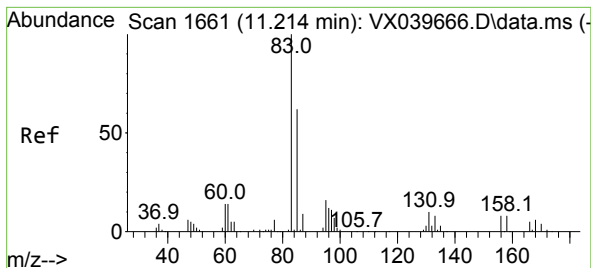
Tgt Ion:104 Resp: 62433
Ion Ratio Lower Upper
104 100
78 57.4 43.7 65.5
103 55.9 44.6 67.0



#70
Isopropylbenzene
Concen: 19.542 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

Tgt Ion:105 Resp: 104359
Ion Ratio Lower Upper
105 100
120 25.8 18.5 34.3

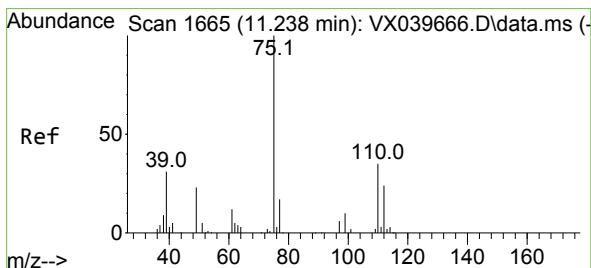
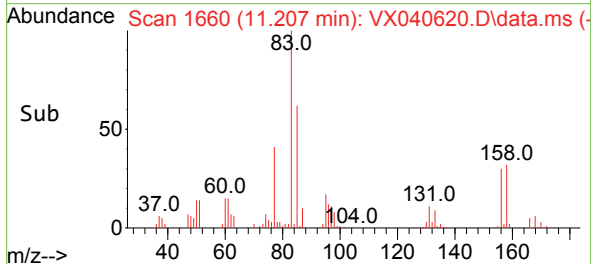
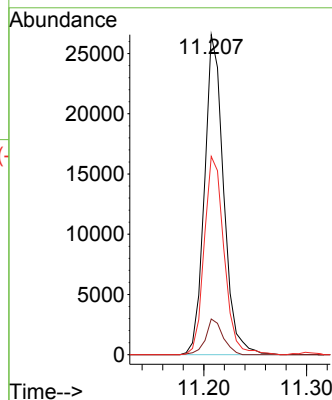
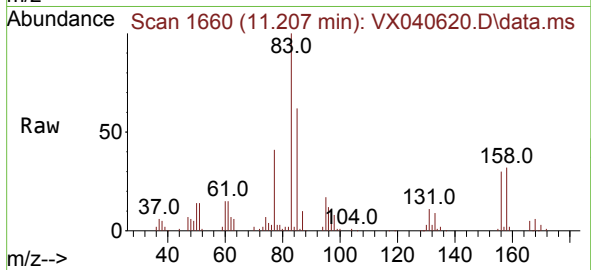




#71
1,1,2,2-Tetrachloroethane
Concen: 18.348 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.007 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

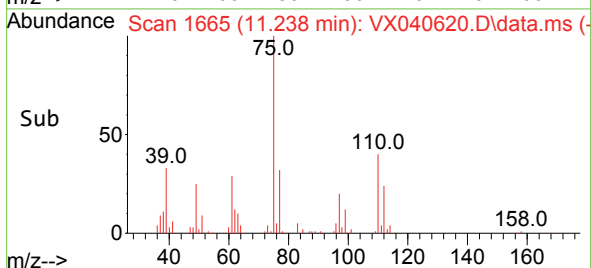
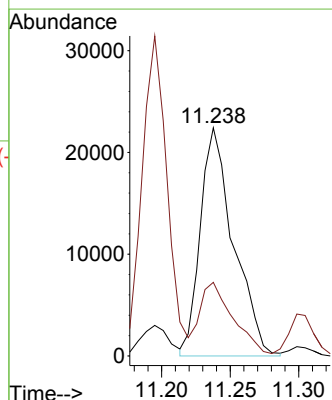
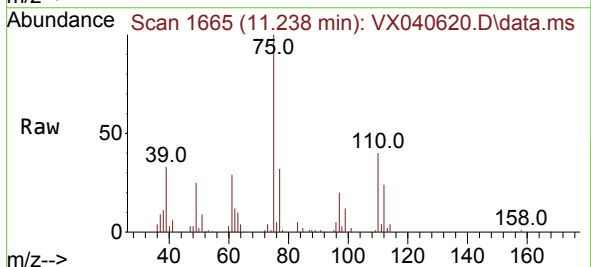
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

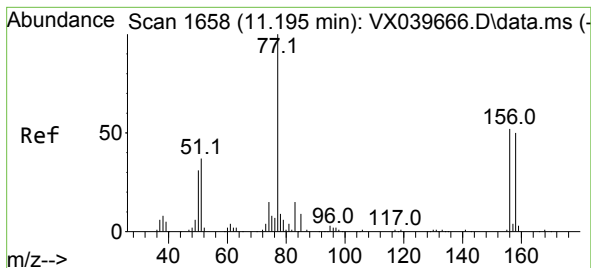
Tgt Ion: 83 Resp: 34350
Ion Ratio Lower Upper
83 100
131 10.2 4.6 13.8
85 64.4 32.5 97.4



#72
1,2,3-Trichloropropane
Concen: 22.548 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

Tgt Ion: 75 Resp: 37983
Ion Ratio Lower Upper
75 100
77 32.7 0.0 76.4





#73

Bromobenzene

Concen: 18.981 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040620.D

Acq: 08 Mar 2024 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

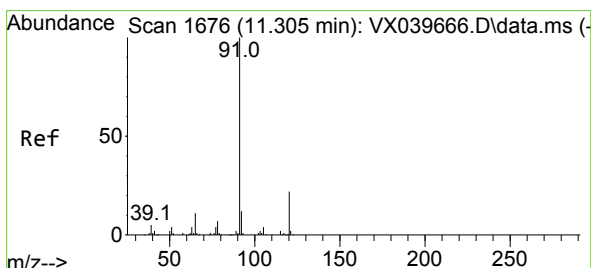
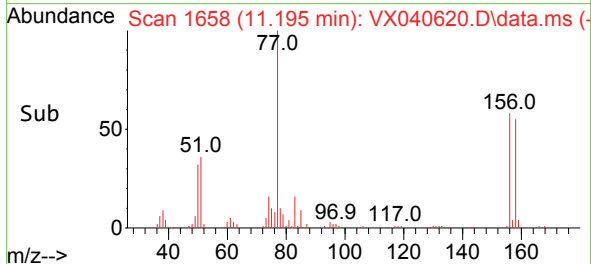
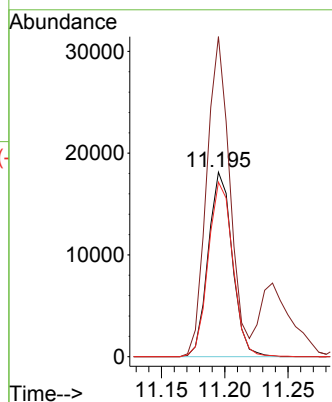
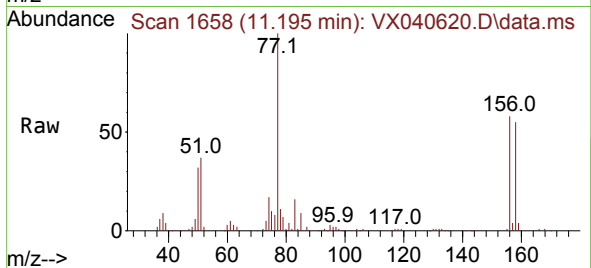
Tgt Ion:156 Resp: 23996

Ion Ratio Lower Upper

156 100

77 167.2 0.0 363.2

158 96.7 0.0 197.8



#74

n-propylbenzene

Concen: 18.333 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX040620.D

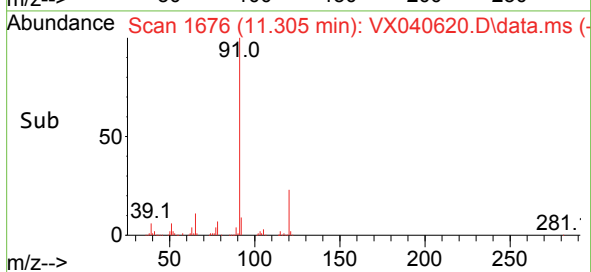
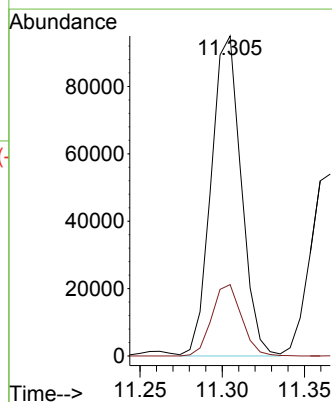
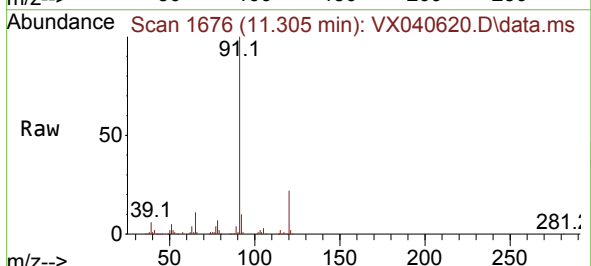
Acq: 08 Mar 2024 10:12

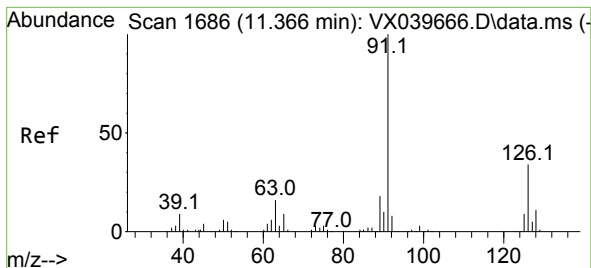
Tgt Ion: 91 Resp: 120918

Ion Ratio Lower Upper

91 100

120 22.1 0.0 43.4





#75

2-Chlorotoluene

Concen: 18.114 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040620.D

Acq: 08 Mar 2024 10:12

Instrument :

MSVOA_X

ClientSampleId :

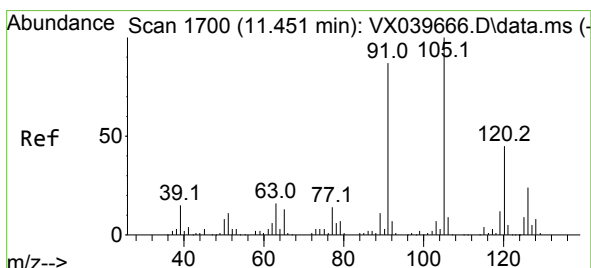
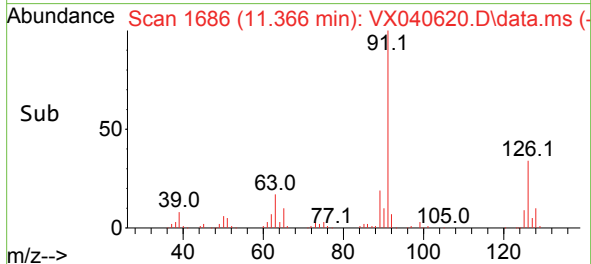
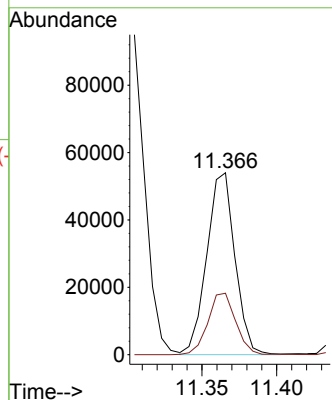
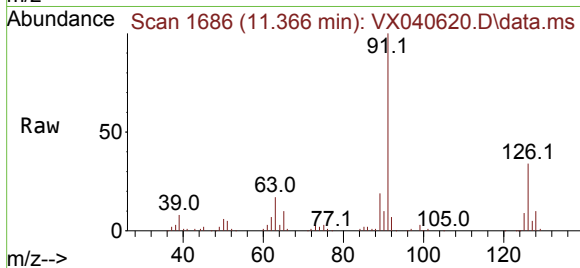
VSTDCCC020

Tgt Ion: 91 Resp: 70899

Ion Ratio Lower Upper

91 100

126 33.2 0.0 64.2



#76

1,3,5-Trimethylbenzene

Concen: 18.795 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040620.D

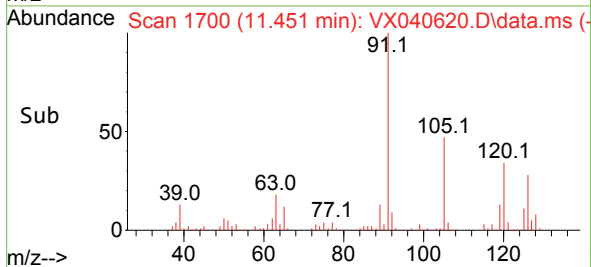
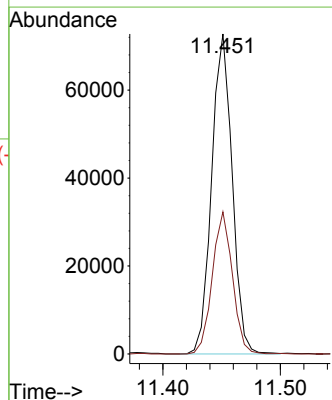
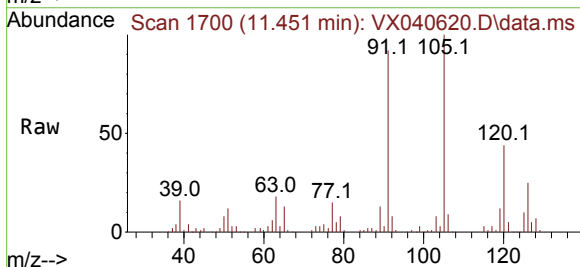
Acq: 08 Mar 2024 10:12

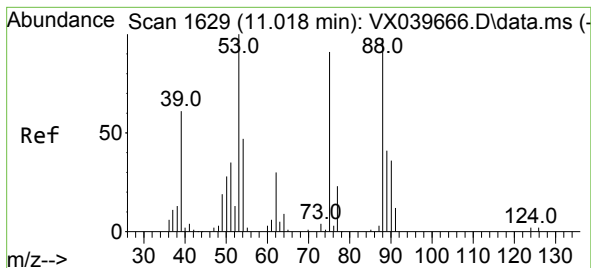
Tgt Ion: 105 Resp: 88364

Ion Ratio Lower Upper

105 100

120 43.6 0.0 92.6

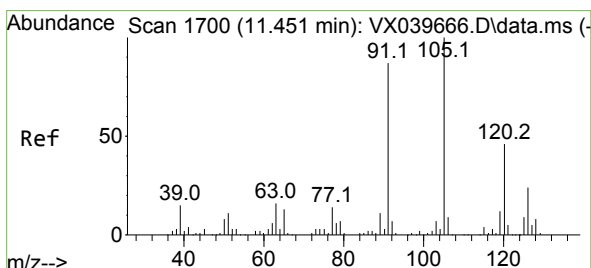
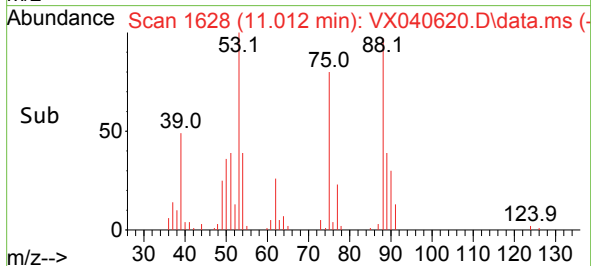
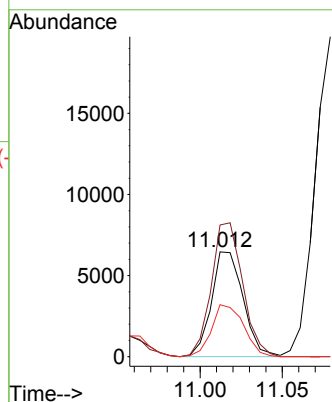
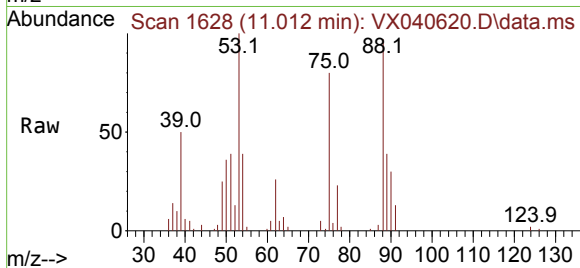




#77
t-1,4-Dichloro-2-butene
Concen: 16.548 ug/l
RT: 11.012 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

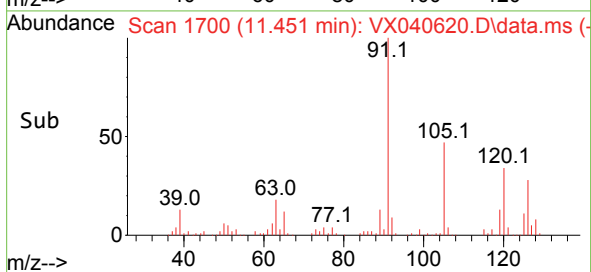
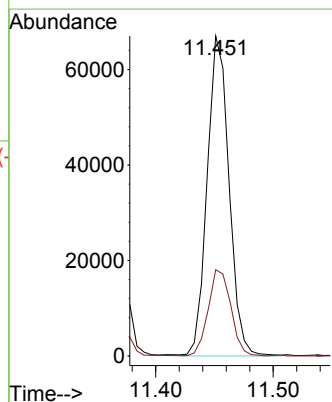
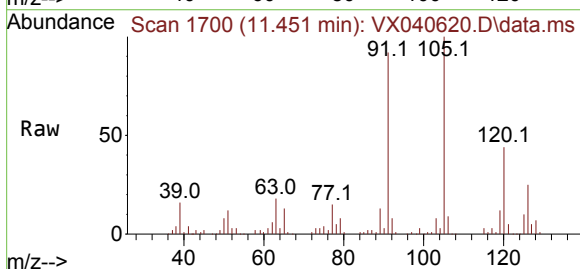
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

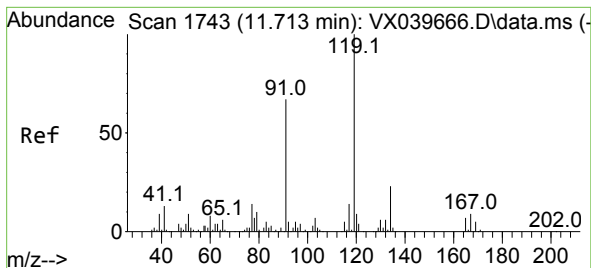
Tgt Ion: 75 Resp: 8663
Ion Ratio Lower Upper
75 100
53 125.6 46.9 140.8
89 49.5 21.3 63.7



#78
4-Chlorotoluene
Concen: 18.568 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

Tgt Ion: 91 Resp: 86699
Ion Ratio Lower Upper
91 100
126 28.0 0.0 57.4

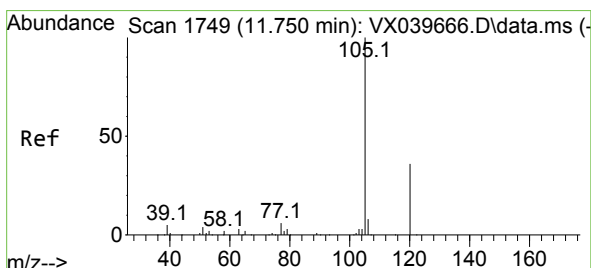
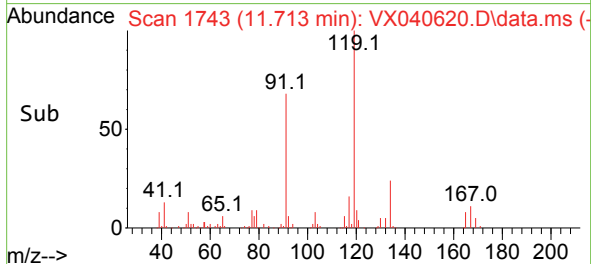
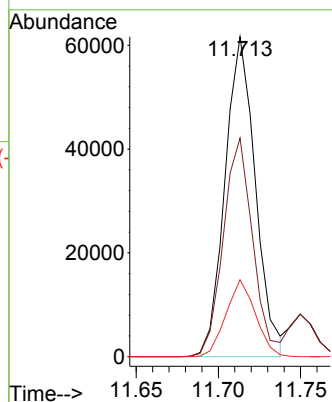
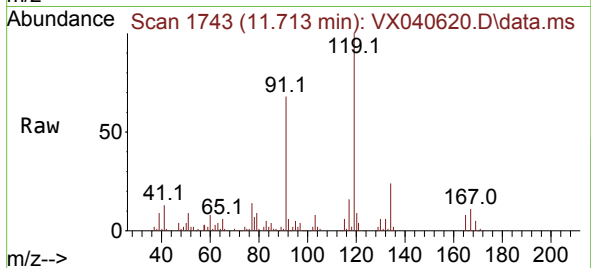




#79
tert-butylbenzene
Concen: 18.067 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

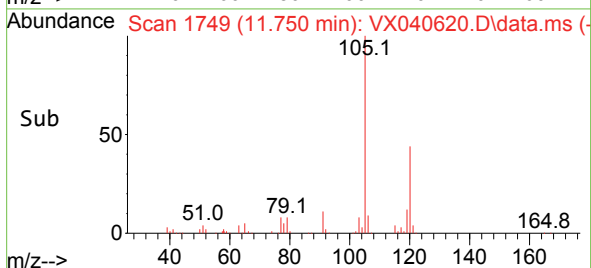
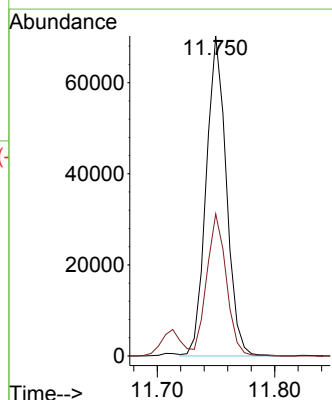
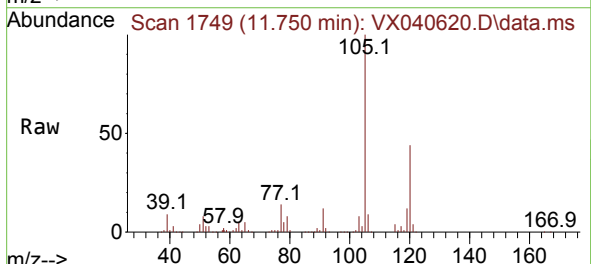
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

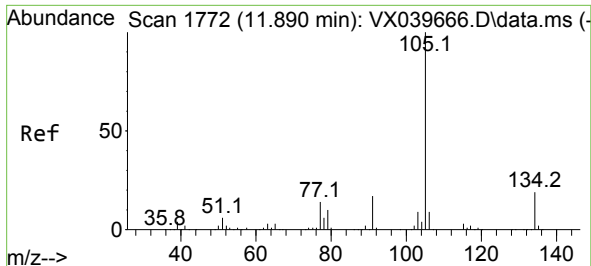
Tgt Ion:119 Resp: 79282
Ion Ratio Lower Upper
119 100
91 66.5 0.0 125.6
134 23.3 0.0 43.8



#80
1,2,4-Trimethylbenzene
Concen: 18.048 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

Tgt Ion:105 Resp: 83604
Ion Ratio Lower Upper
105 100
120 42.9 0.0 86.4

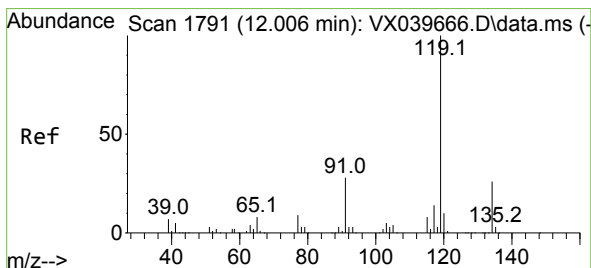
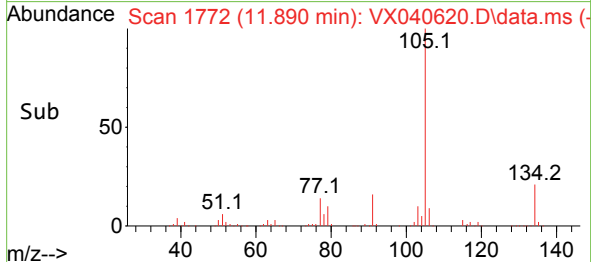
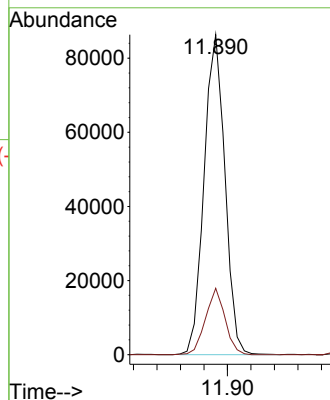
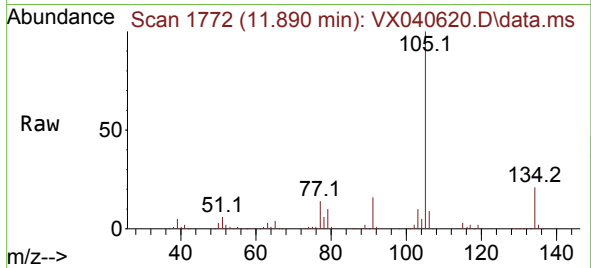




#81
 sec-Butylbenzene
 Concen: 18.312 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040620.D
 Acq: 08 Mar 2024 10:12

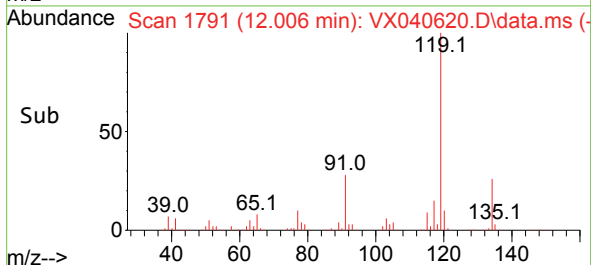
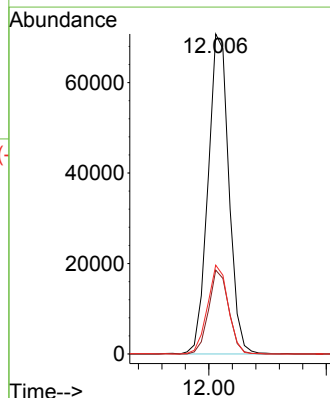
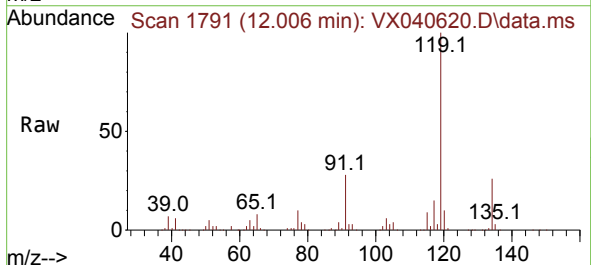
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

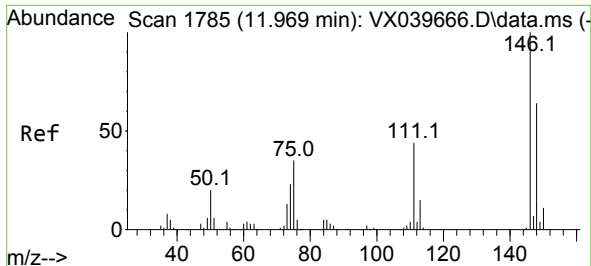
Tgt Ion:105 Resp: 106096
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 18.311 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040620.D
 Acq: 08 Mar 2024 10:12

Tgt Ion:119 Resp: 86837
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 52.6
 91 27.5 0.0 54.2

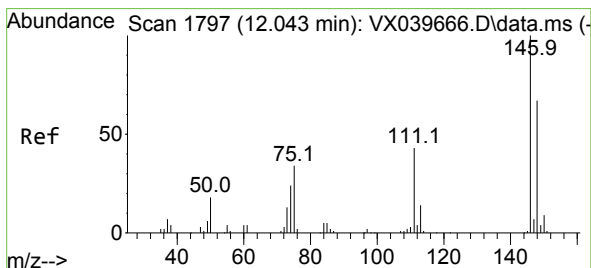
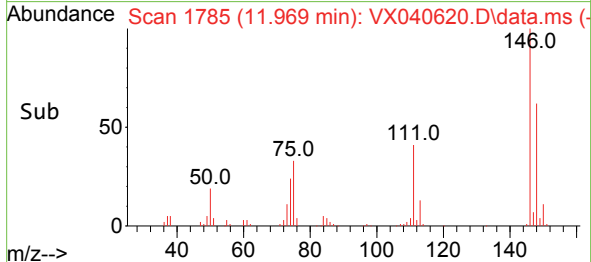
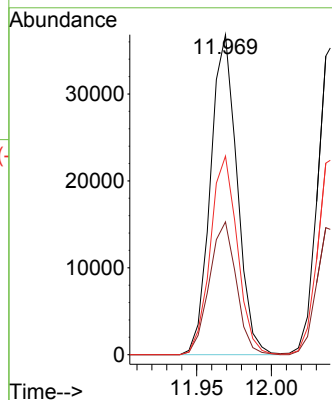
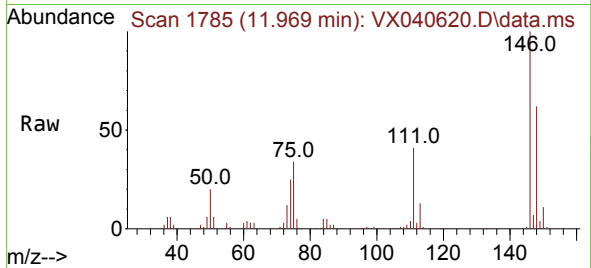




#83
1,3-Dichlorobenzene
Concen: 18.510 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

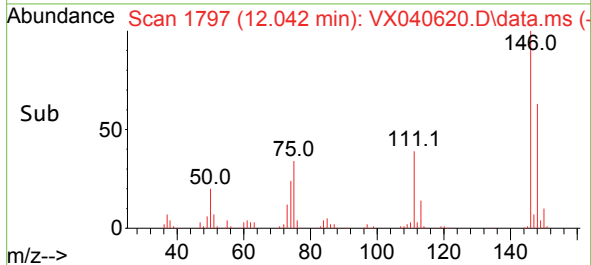
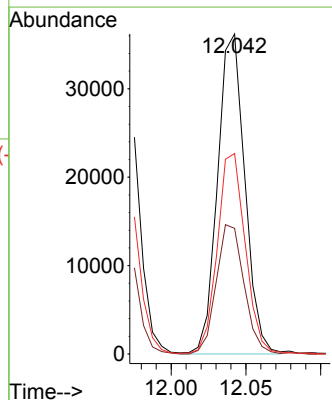
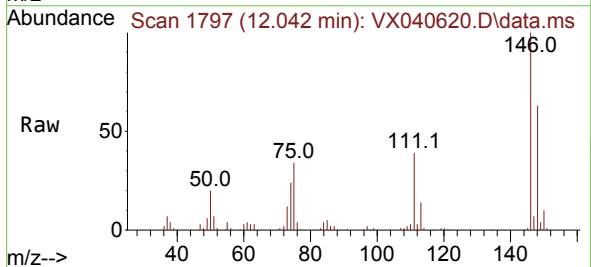
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

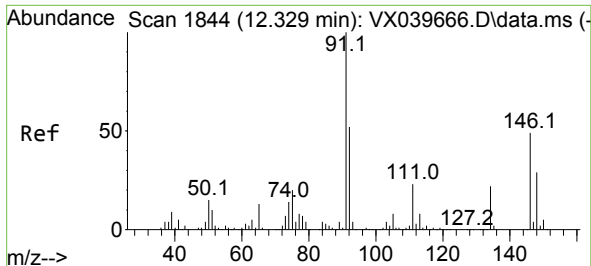
Tgt Ion:146 Resp: 45533
Ion Ratio Lower Upper
146 100
111 42.0 22.3 66.9
148 63.1 32.8 98.3



#84
1,4-Dichlorobenzene
Concen: 18.297 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.001 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

Tgt Ion:146 Resp: 46028
Ion Ratio Lower Upper
146 100
111 41.1 21.4 64.2
148 64.4 31.8 95.4

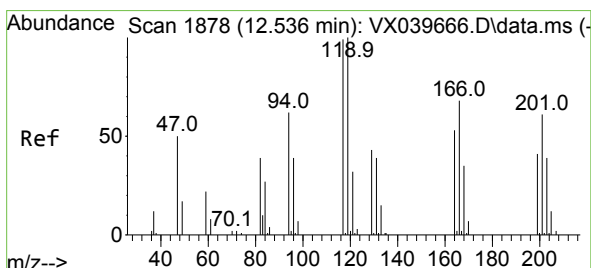
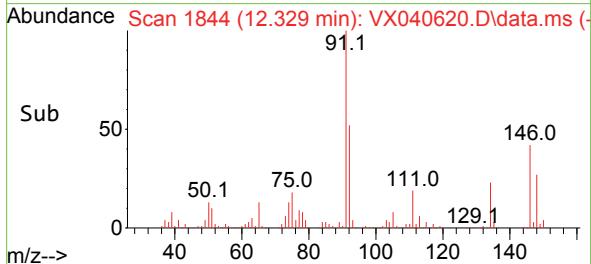
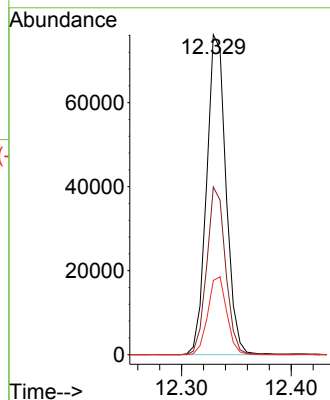
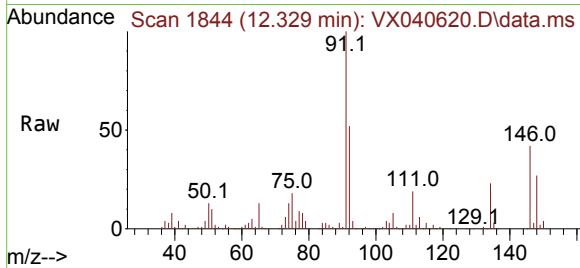




#85
n-Butylbenzene
Concen: 20.287 ug/l
RT: 12.329 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

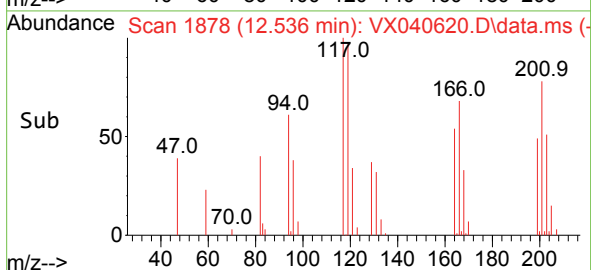
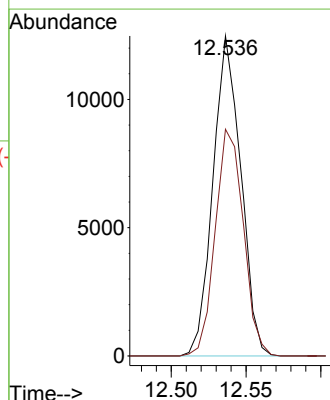
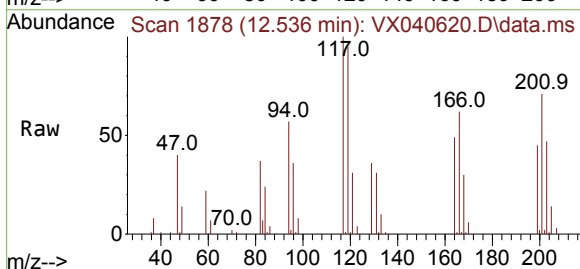
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

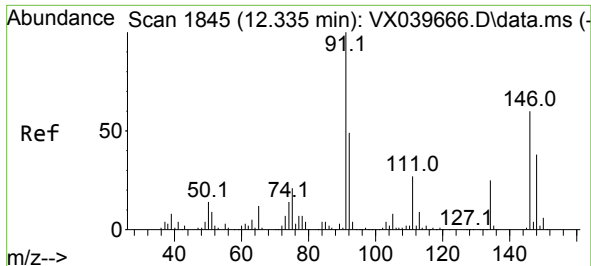
Tgt Ion: 91	Resp:	93614
Ion Ratio	Lower	Upper
91	100	
92	50.9	0.0 106.2
134	23.8	0.0 48.8



#86
Hexachloroethane
Concen: 19.515 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

Tgt Ion: 117	Resp:	16148
Ion Ratio	Lower	Upper
117	100	
201	71.5	31.8 95.3

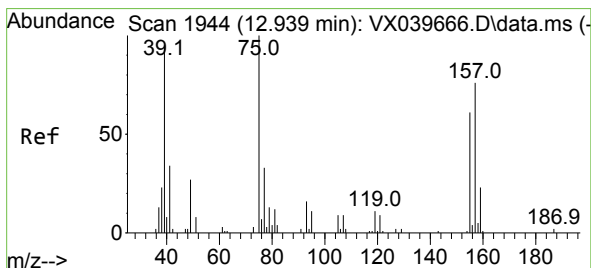
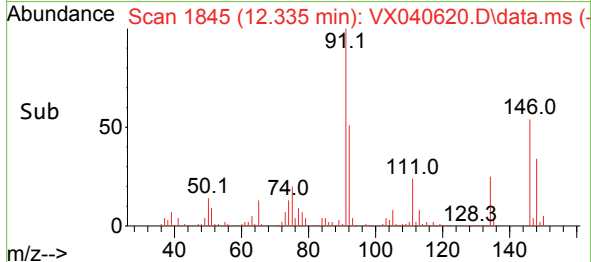
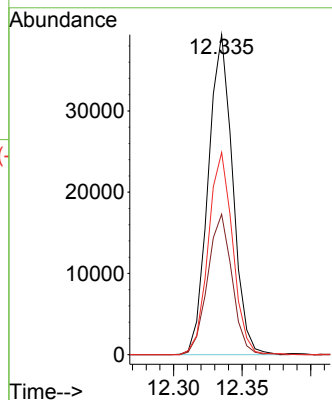
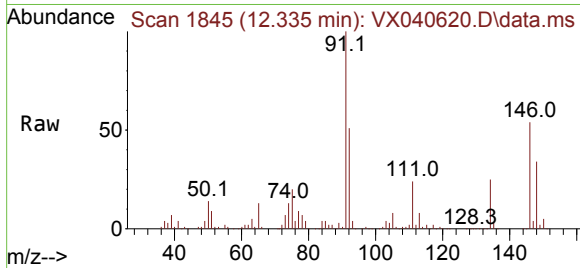




#87
1,2-Dichlorobenzene
Concen: 20.455 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

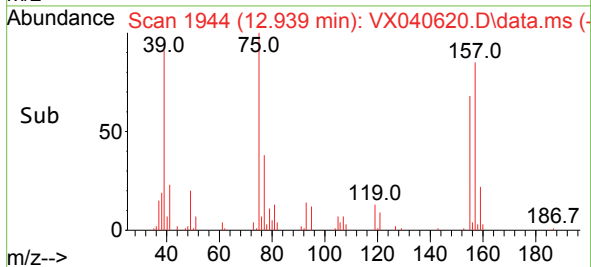
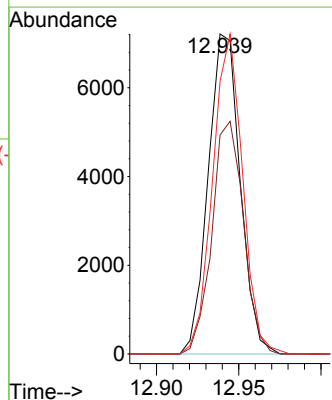
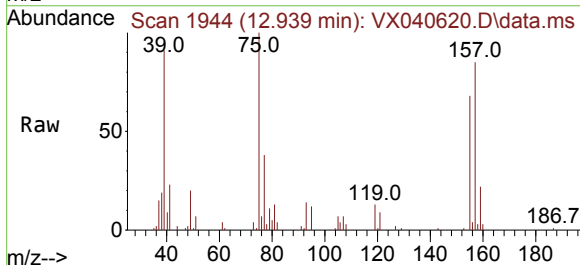
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

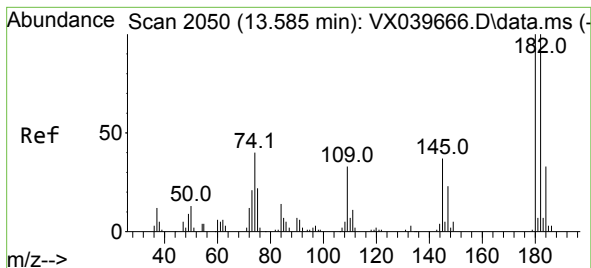
Tgt Ion:146 Resp: 48897
Ion Ratio Lower Upper
146 100
111 43.7 22.4 67.2
148 63.1 31.9 95.7



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.479 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

Tgt Ion: 75 Resp: 9751
Ion Ratio Lower Upper
75 100
155 71.5 58.2 87.4
157 93.6 76.5 114.7





#89

1,2,4-Trichlorobenzene

Concen: 20.508 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040620.D

Acq: 08 Mar 2024 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

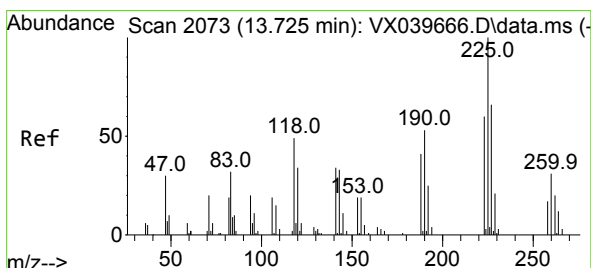
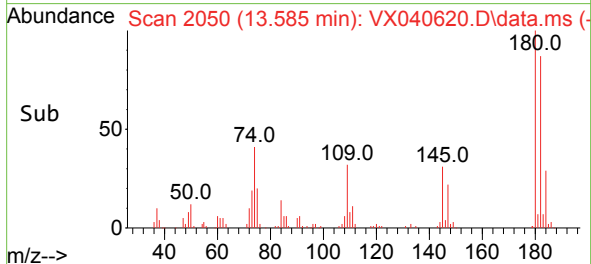
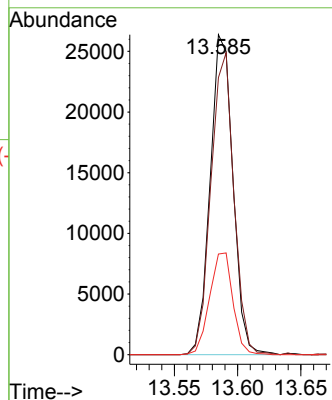
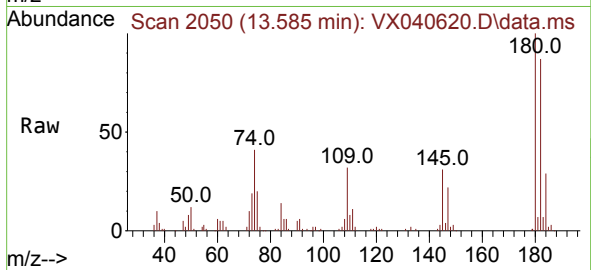
Tgt Ion:180 Resp: 33009

Ion Ratio Lower Upper

180 100

182 94.8 74.5 111.7

145 32.6 26.6 40.0



#90

Hexachlorobutadiene

Concen: 21.076 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX040620.D

Acq: 08 Mar 2024 10:12

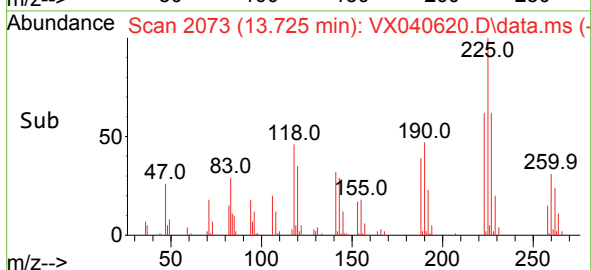
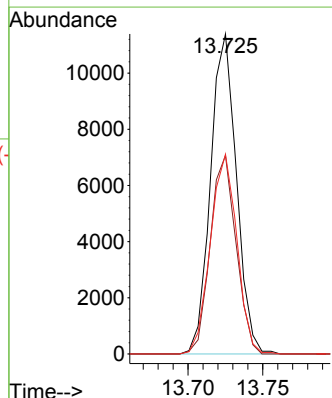
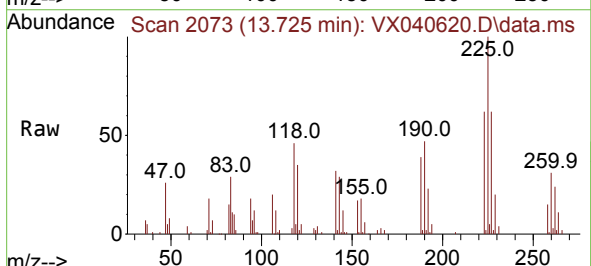
Tgt Ion:225 Resp: 13717

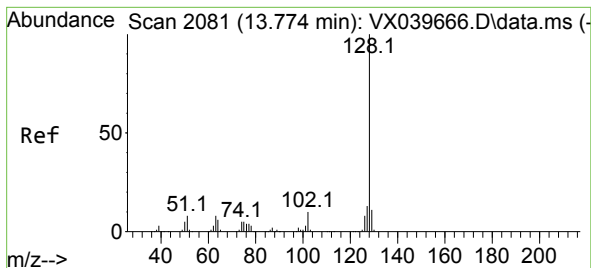
Ion Ratio Lower Upper

225 100

223 61.8 0.0 124.4

227 64.0 0.0 124.4

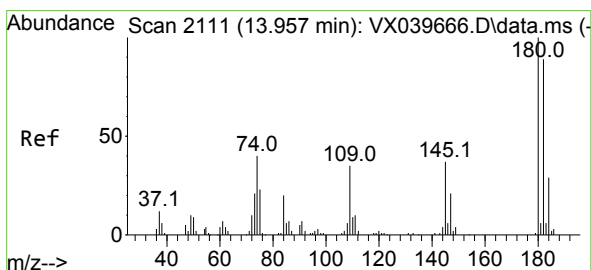
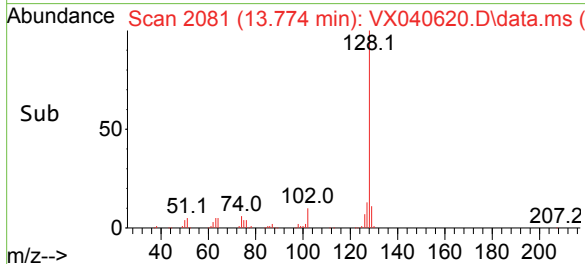
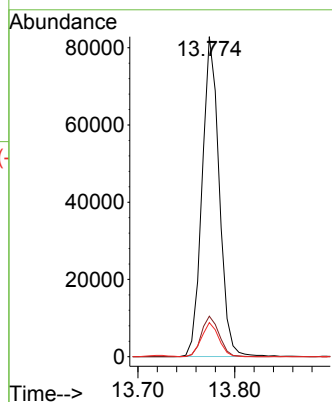
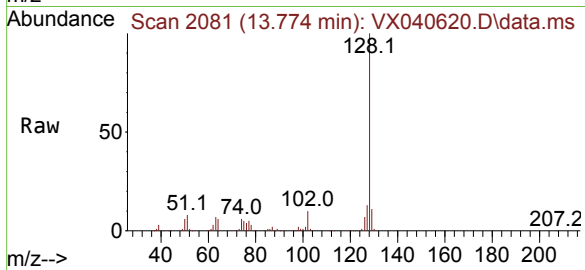




#91
Naphthalene
Concen: 19.388 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 101788
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 10.8 8.6 12.8



#92
1,2,3-Trichlorobenzene
Concen: 20.396 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX040620.D
Acq: 08 Mar 2024 10:12

Tgt Ion:180 Resp: 32369
Ion Ratio Lower Upper
180 100
182 94.0 0.0 191.6
145 35.3 0.0 69.6

