

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034871.D
 Acq On : 31 Mar 2023 12:30
 Operator : JC/MD
 Sample : VX0331WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0331WBSD02

Quant Time: Apr 01 05:22:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	230064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	382028	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	345131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	170918	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	176377	50.129	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.260%	
35) Dibromofluoromethane	5.379	113	129433	51.224	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.440%	
50) Toluene-d8	8.647	98	489846	52.521	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.040%	
62) 4-Bromofluorobenzene	11.079	95	184916	51.235	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.480%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	47343	20.632	ug/l	99
3) Chloromethane	1.295	50	57873	20.144	ug/l	98
4) Vinyl Chloride	1.374	62	58895	20.704	ug/l	98
5) Bromomethane	1.618	94	39304	21.263	ug/l	99
6) Chloroethane	1.691	64	38292	20.690	ug/l	98
7) Trichlorofluoromethane	1.886	101	97880	21.403	ug/l	95
8) Diethyl Ether	2.130	74	33943	21.053	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	50382	21.078	ug/l	98
10) Methyl Iodide	2.453	142	59172	19.879	ug/l	96
11) Tert butyl alcohol	2.995	59	52568	85.154	ug/l	99
12) 1,1-Dichloroethene	2.319	96	46671	19.760	ug/l	89
13) Acrolein	2.240	56	62839	98.883	ug/l	100
14) Allyl chloride	2.666	41	90178	19.489	ug/l	94
15) Acrylonitrile	3.063	53	140292	100.960	ug/l	98
16) Acetone	2.386	43	143841	100.635	ug/l	94
17) Carbon Disulfide	2.514	76	109405	18.495	ug/l	99
18) Methyl Acetate	2.703	43	103188	20.319	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	174740	19.983	ug/l	98
20) Methylene Chloride	2.788	84	56870	20.163	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	51691	20.067	ug/l	95
22) Diisopropyl ether	3.758	45	192012	20.566	ug/l	95
23) Vinyl Acetate	3.721	43	695417	104.438	ug/l	98
24) 1,1-Dichloroethane	3.611	63	101414	20.188	ug/l	99
25) 2-Butanone	4.556	43	209059	100.550	ug/l	99
26) 2,2-Dichloropropane	4.471	77	78827	19.081	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	60917	19.958	ug/l	98
28) Bromochloromethane	4.891	49	53050	21.589	ug/l	96
29) Tetrahydrofuran	5.007	42	131260	100.776	ug/l	99
30) Chloroform	5.087	83	101353	19.864	ug/l	97
31) Cyclohexane	5.471	56	91671	21.397	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	85541	19.646	ug/l	97
36) 1,1-Dichloropropene	5.690	75	75804	20.249	ug/l	99
37) Ethyl Acetate	4.709	43	78501	20.055	ug/l	99
38) Carbon Tetrachloride	5.672	117	70122	19.868	ug/l	98
39) Methylcyclohexane	7.379	83	83684	21.051	ug/l	95
40) Benzene	6.038	78	220602	20.528	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	44492	20.900	ug/l	96
42) 1,2-Dichloroethane	6.086	62	87038	20.373	ug/l	99
43) Isopropyl Acetate	6.336	43	133426	20.374	ug/l	99
44) Trichloroethene	7.123	130	56365	20.547	ug/l	100
45) 1,2-Dichloropropane	7.428	63	58070	20.737	ug/l	97
46) Dibromomethane	7.580	93	39182	20.336	ug/l	100
47) Bromodichloromethane	7.818	83	71241	20.017	ug/l	100
48) Methyl methacrylate	7.690	41	65825	20.467	ug/l	96
49) 1,4-Dioxane	7.702	88	27827	419.856	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	410872	106.010	ug/l	98
52) Toluene	8.720	92	137321	19.598	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	75175	19.635	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	86000	20.526	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	54972	20.729	ug/l	98
56) Ethyl methacrylate	9.116	69	85967	20.690	ug/l	96
57) 1,3-Dichloropropane	9.305	76	99471	21.180	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	216747	102.452	ug/l	100
59) 2-Hexanone	9.427	43	313755	107.030	ug/l	97
60) Dibromochloromethane	9.519	129	52151	20.644	ug/l	96
61) 1,2-Dibromoethane	9.610	107	56984	20.664	ug/l	99
64) Tetrachloroethene	9.275	164	49945	20.221	ug/l	99
65) Chlorobenzene	10.080	112	146305	20.374	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	50433	20.425	ug/l	98
67) Ethyl Benzene	10.195	91	269031	20.681	ug/l	97
68) m/p-Xylenes	10.299	106	204767	41.208	ug/l	98
69) o-Xylene	10.640	106	100598	20.665	ug/l	100
70) Styrene	10.653	104	162850	20.956	ug/l	100
71) Bromoform	10.799	173	31464	18.735	ug/l #	100
73) Isopropylbenzene	10.964	105	256941	20.523	ug/l	99
74) N-amyl acetate	10.842	43	116018	20.610	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	82880	20.198	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	85279	24.763	ug/l	84
77) Bromobenzene	11.195	156	61358	19.779	ug/l	99
78) n-propylbenzene	11.305	91	303237	20.967	ug/l	99
79) 2-Chlorotoluene	11.366	91	183474	20.092	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	214565	20.497	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	18757	16.323	ug/l #	79
82) 4-Chlorotoluene	11.451	91	215469	20.319	ug/l	99
83) tert-Butylbenzene	11.713	119	202542	20.605	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	215845	20.276	ug/l	99
85) sec-Butylbenzene	11.890	105	250537	20.950	ug/l	98
86) p-Isopropyltoluene	12.006	119	208474	20.907	ug/l	99
87) 1,3-Dichlorobenzene	11.970	146	115688	20.477	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	119726	20.291	ug/l	99
89) n-Butylbenzene	12.335	91	183318	21.042	ug/l	98
90) Hexachloroethane	12.536	117	30567	19.785	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	117064	20.689	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16558	19.332	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	68788	21.495	ug/l	99
94) Hexachlorobutadiene	13.725	225	27861	19.794	ug/l	99
95) Naphthalene	13.774	128	239765	21.086	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	68485	21.221	ug/l	98

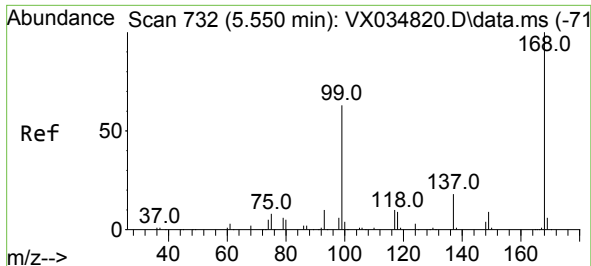
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
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Quant Title : SW846 8260
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Response via : Initial Calibration

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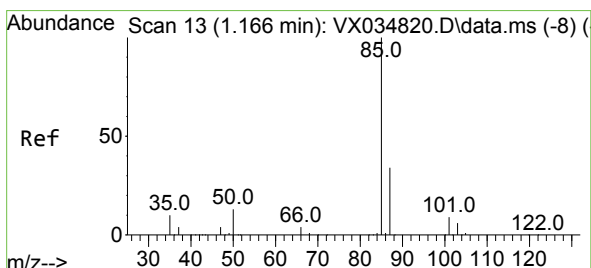
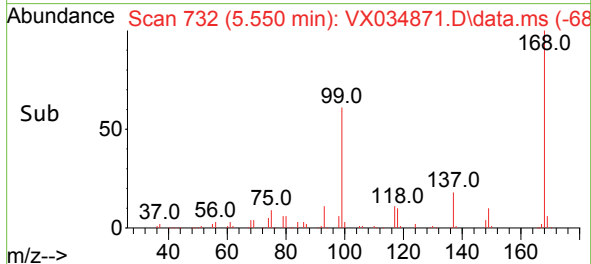
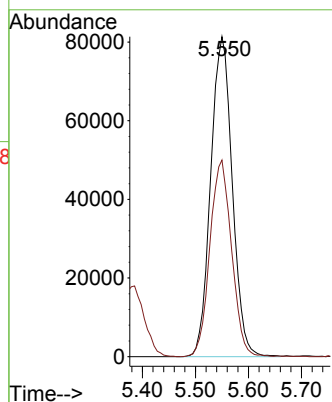
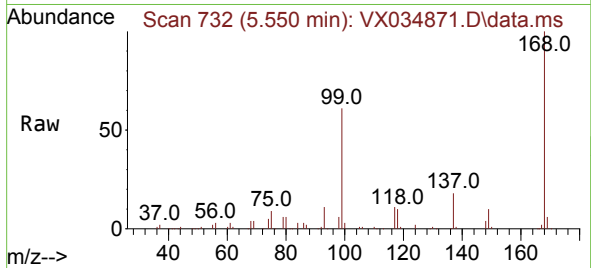
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034871.D
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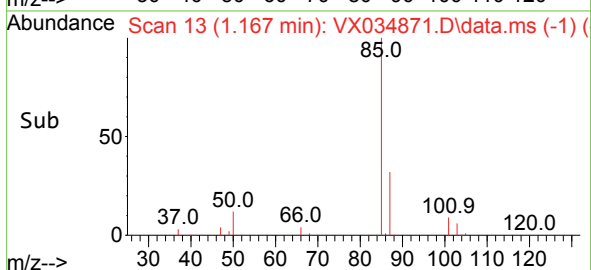
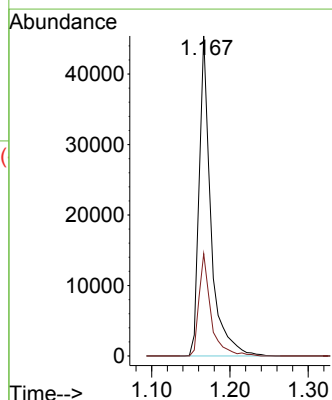
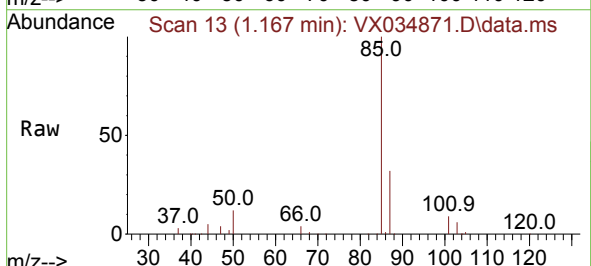
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MSVOA_X
ClientSampleId :
VX0331WBSD02

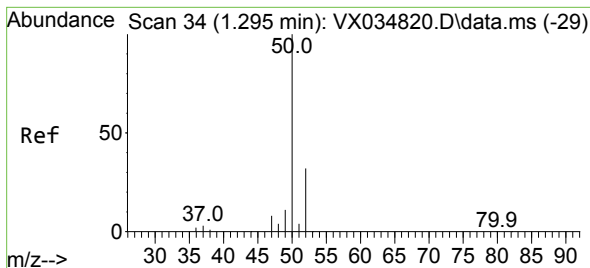
Tgt Ion:168 Resp: 230064
Ion Ratio Lower Upper
168 100
99 61.5 45.7 68.5



#2
Dichlorodifluoromethane
Concen: 20.632 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

Tgt Ion: 85 Resp: 47343
Ion Ratio Lower Upper
85 100
87 32.0 16.4 49.1





#3

Chloromethane

Concen: 20.144 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX034871.D

Acq: 31 Mar 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

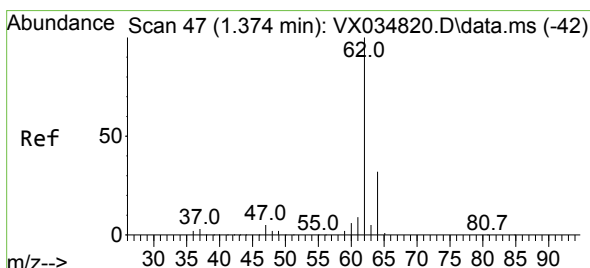
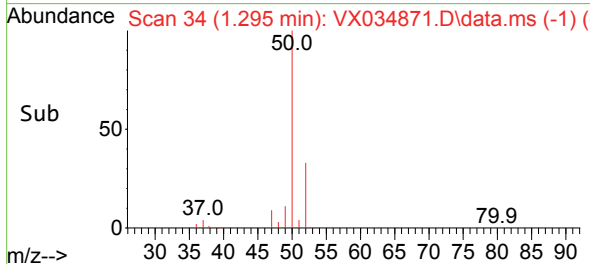
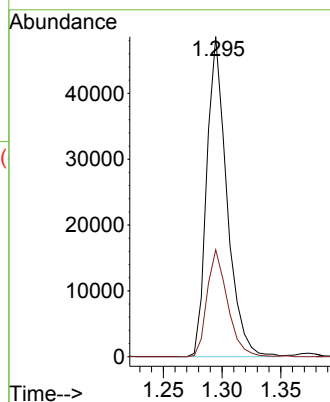
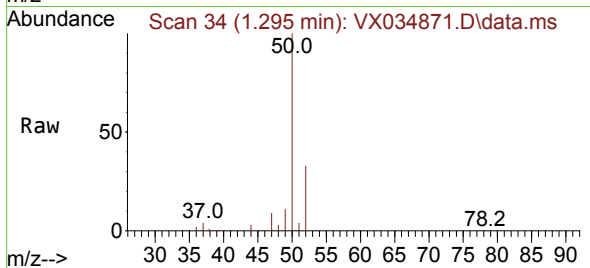
VX0331WBSD02

Tgt Ion: 50 Resp: 57873

Ion Ratio Lower Upper

50 100

52 33.4 25.9 38.9



#4

Vinyl Chloride

Concen: 20.704 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX034871.D

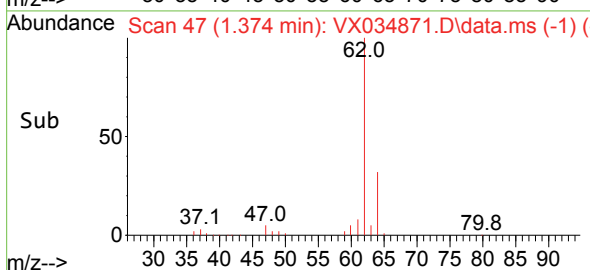
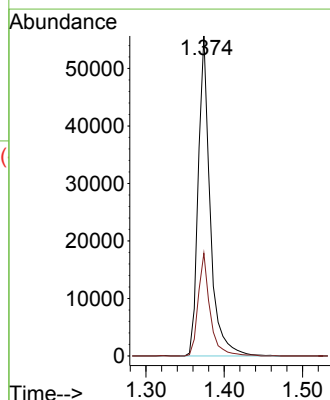
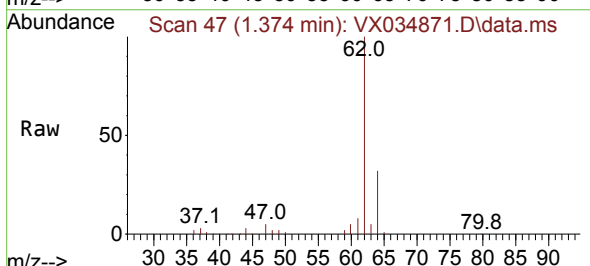
Acq: 31 Mar 2023 12:30

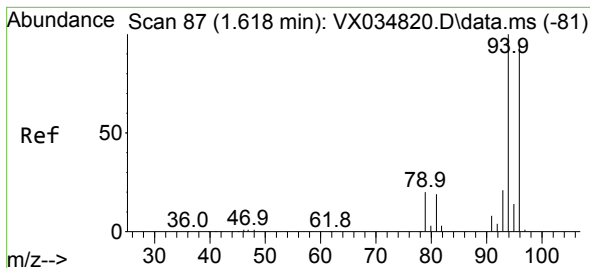
Tgt Ion: 62 Resp: 58895

Ion Ratio Lower Upper

62 100

64 32.1 26.4 39.6

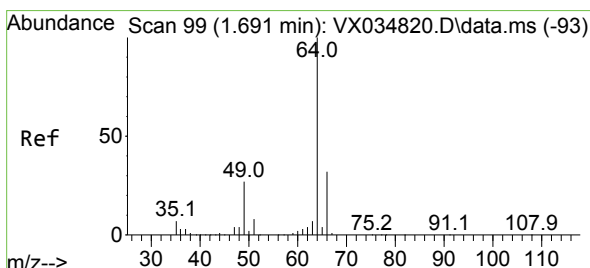
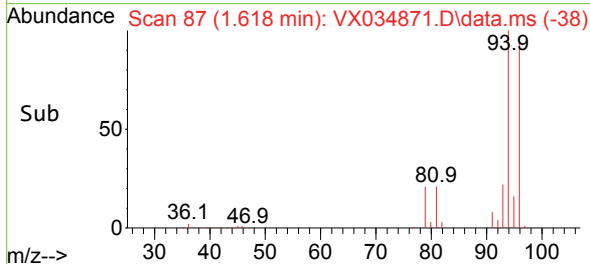
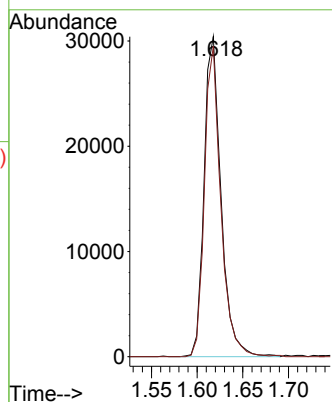
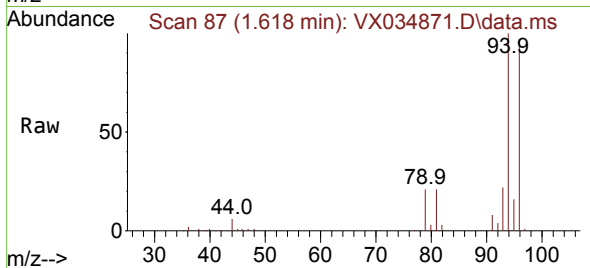




#5
Bromomethane
Concen: 21.263 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

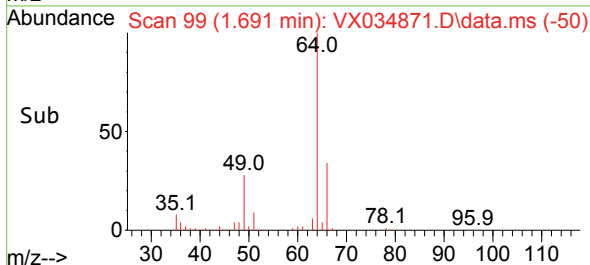
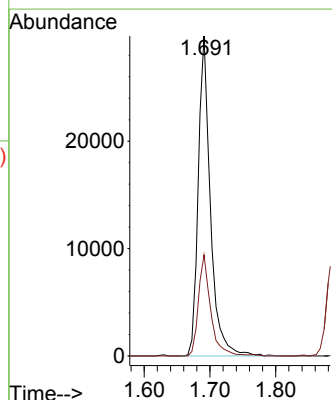
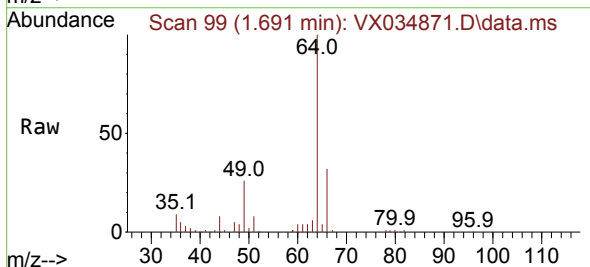
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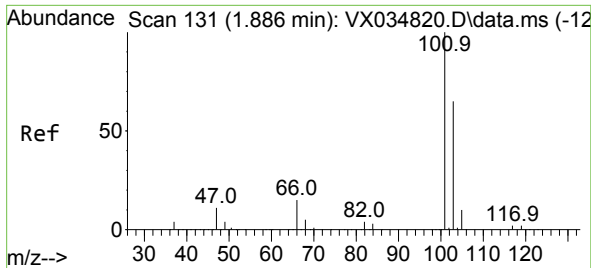
Tgt Ion: 94 Resp: 39304
Ion Ratio Lower Upper
94 100
96 97.1 77.0 115.6



#6
Chloroethane
Concen: 20.690 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

Tgt Ion: 64 Resp: 38292
Ion Ratio Lower Upper
64 100
66 31.6 26.2 39.4

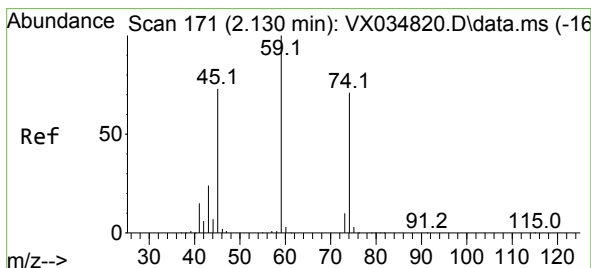
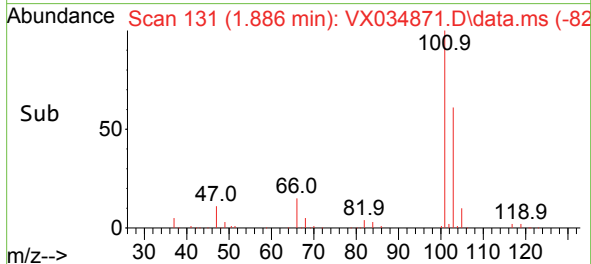
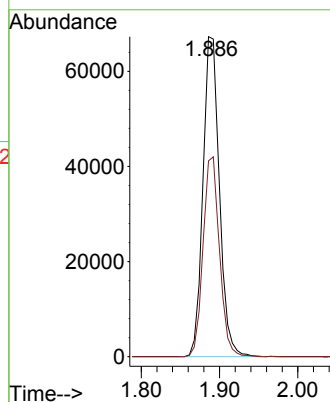
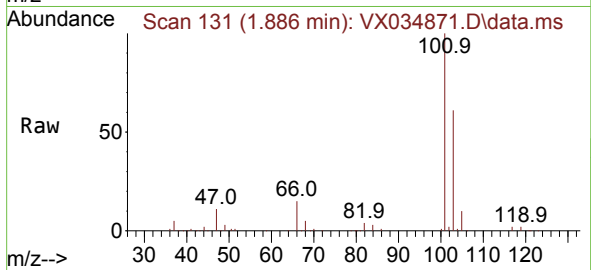




#7
Trichlorofluoromethane
Concen: 21.403 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

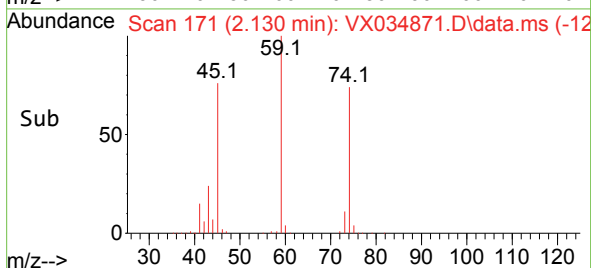
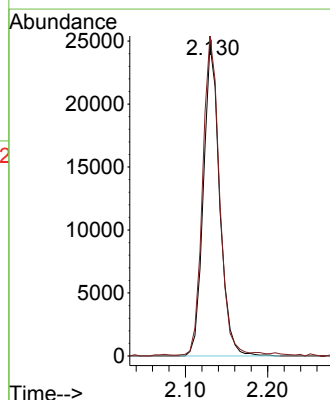
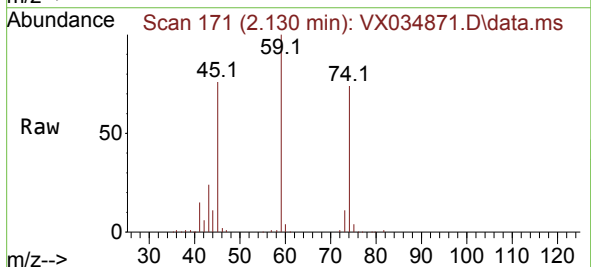
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD02

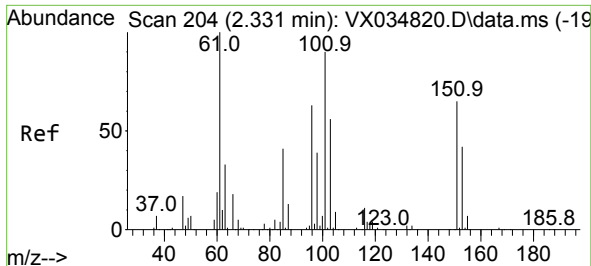
Tgt Ion:101 Resp: 97880
Ion Ratio Lower Upper
101 100
103 61.2 52.0 78.0



#8
Diethyl Ether
Concen: 21.053 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

Tgt Ion: 74 Resp: 33943
Ion Ratio Lower Upper
74 100
45 106.5 49.8 149.3

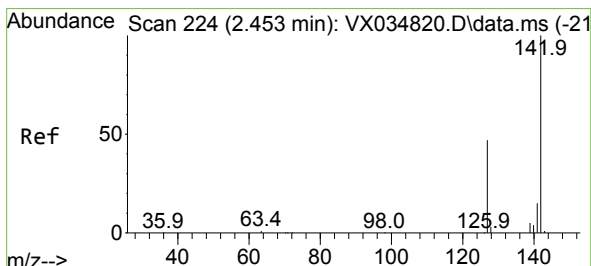
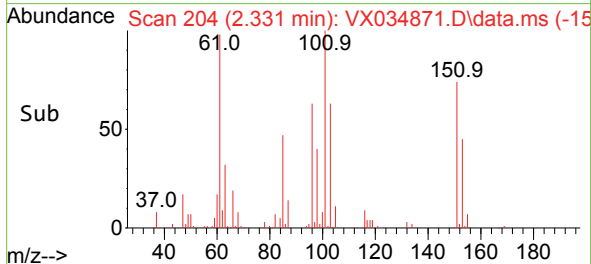
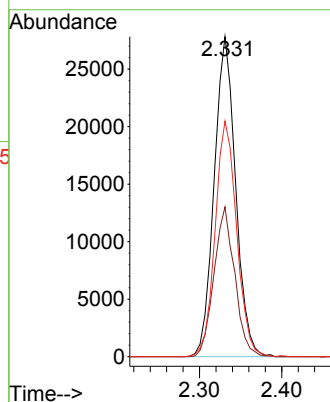
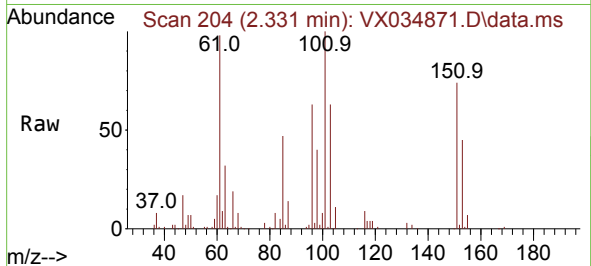




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.078 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034871.D
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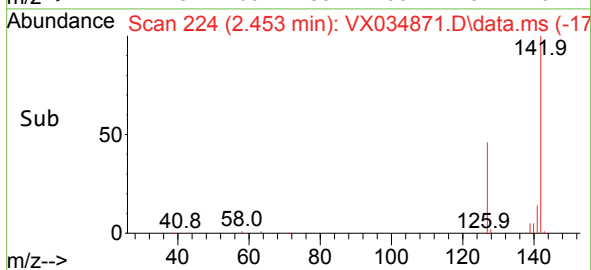
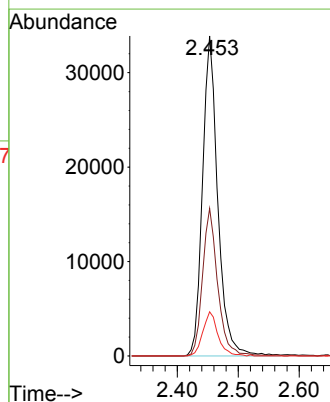
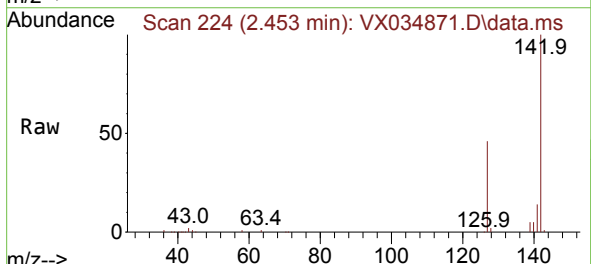
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD02

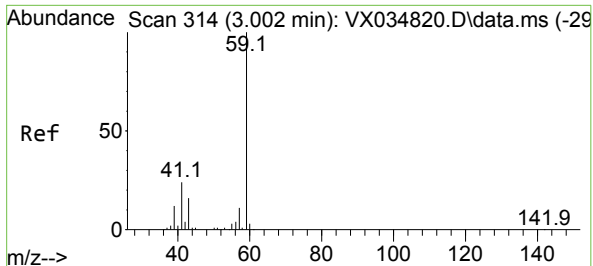
Tgt Ion:101 Resp: 50382
Ion Ratio Lower Upper
101 100
85 45.4 35.4 53.2
151 73.9 60.2 90.4



#10
Methyl Iodide
Concen: 19.879 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

Tgt Ion:142 Resp: 59172
Ion Ratio Lower Upper
142 100
127 45.7 34.0 51.0
141 13.6 11.1 16.7





#11

Tert butyl alcohol

Concen: 85.154 ug/l

RT: 2.995 min Scan# 314

Delta R.T. -0.006 min

Lab File: VX034871.D

Acq: 31 Mar 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

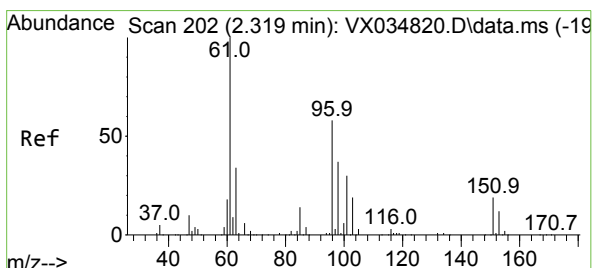
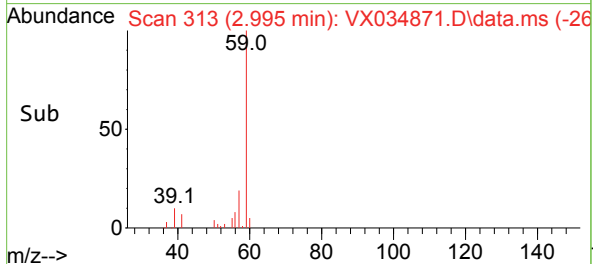
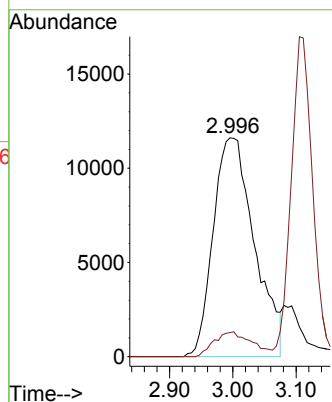
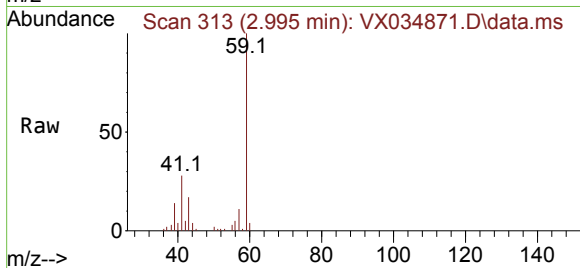
VX0331WBSD02

Tgt Ion: 59 Resp: 52568

Ion Ratio Lower Upper

59 100

57 10.6 8.1 12.1



#12

1,1-Dichloroethene

Concen: 19.760 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX034871.D

Acq: 31 Mar 2023 12:30

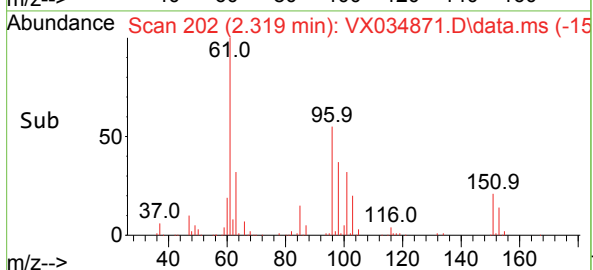
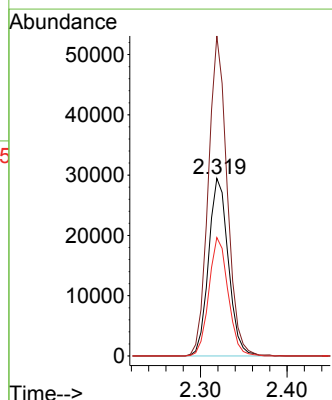
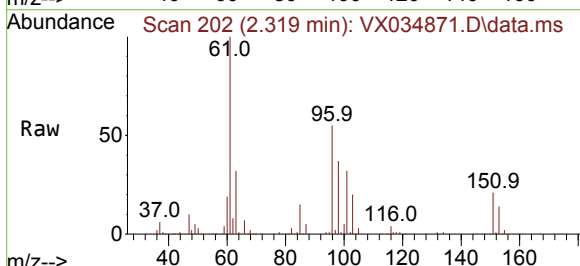
Tgt Ion: 96 Resp: 46671

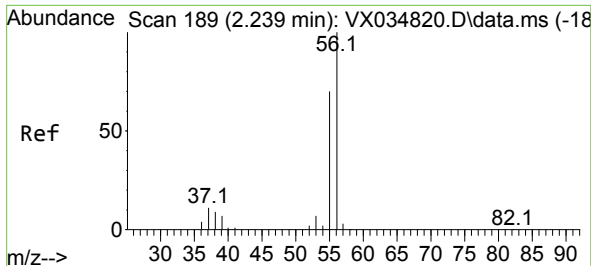
Ion Ratio Lower Upper

96 100

61 180.2 128.8 193.2

98 66.7 51.4 77.0





#13

Acrolein

Concen: 98.883 ug/l

RT: 2.240 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX034871.D

Acq: 31 Mar 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

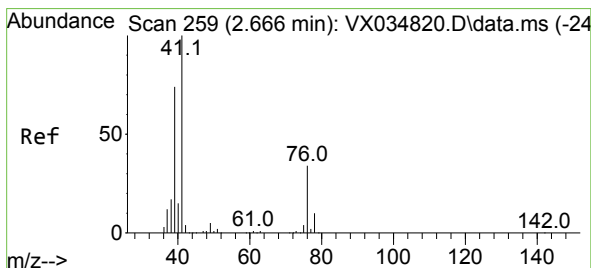
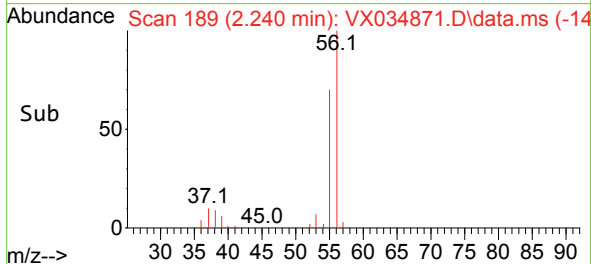
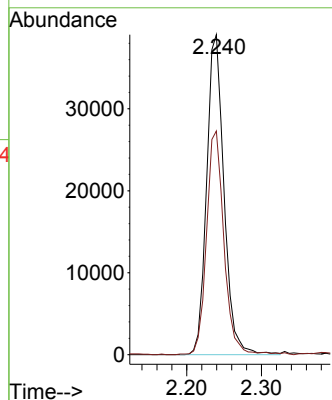
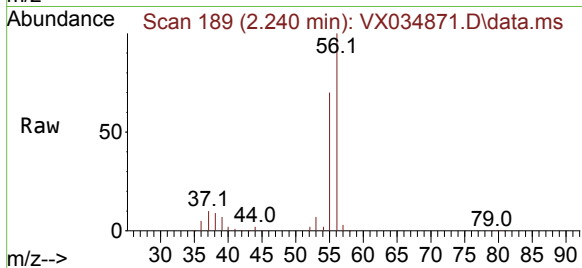
VX0331WBSD02

Tgt Ion: 56 Resp: 62839

Ion Ratio Lower Upper

56 100

55 70.5 56.6 85.0



#14

Allyl chloride

Concen: 19.489 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX034871.D

Acq: 31 Mar 2023 12:30

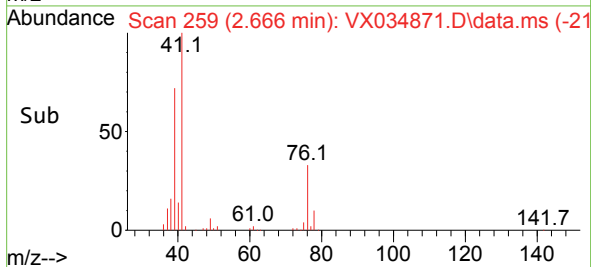
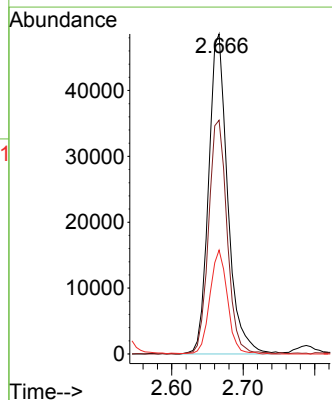
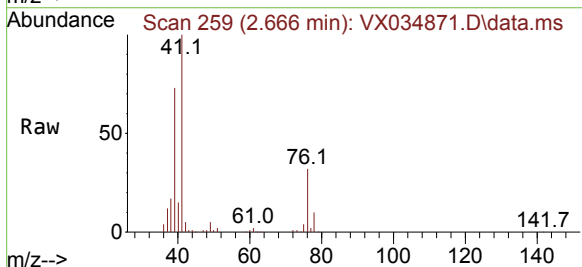
Tgt Ion: 41 Resp: 90178

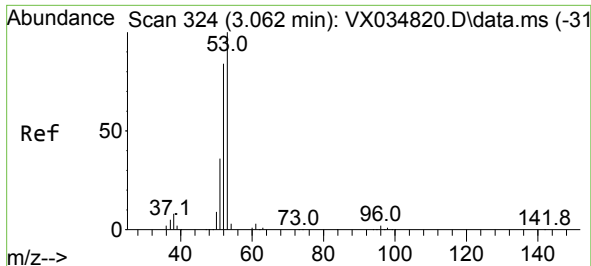
Ion Ratio Lower Upper

41 100

39 70.9 52.4 78.6

76 29.7 26.0 39.0





#15

Acrylonitrile

Concen: 100.960 ug/l

RT: 3.063 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX034871.D

Acq: 31 Mar 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBSD02

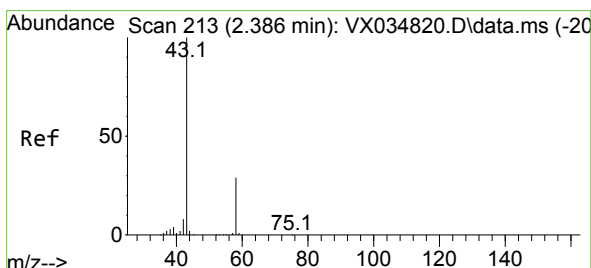
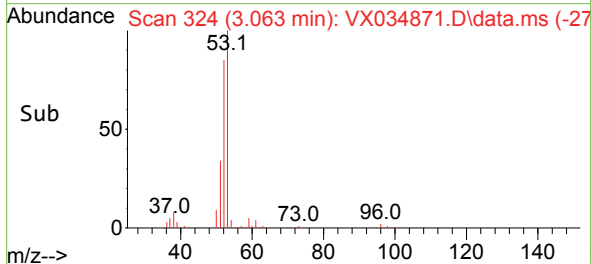
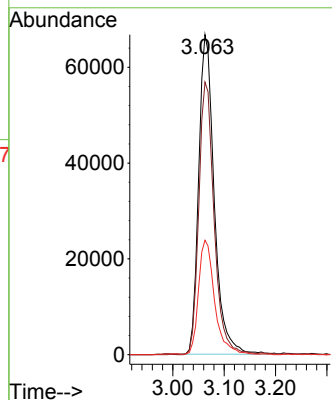
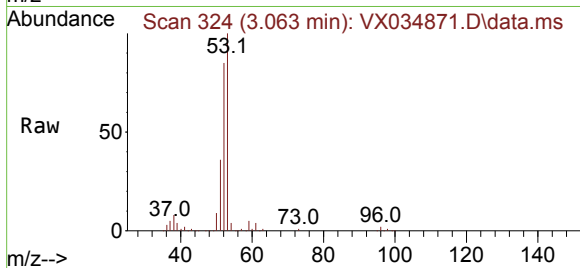
Tgt Ion: 53 Resp: 140292

Ion Ratio Lower Upper

53 100

52 84.0 66.2 99.2

51 36.6 28.3 42.5



#16

Acetone

Concen: 100.635 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX034871.D

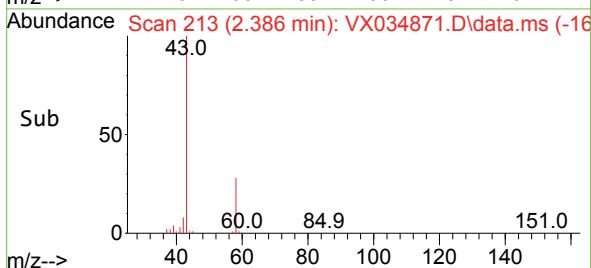
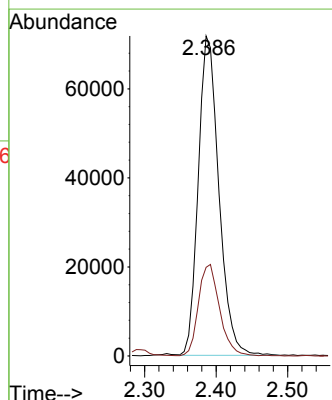
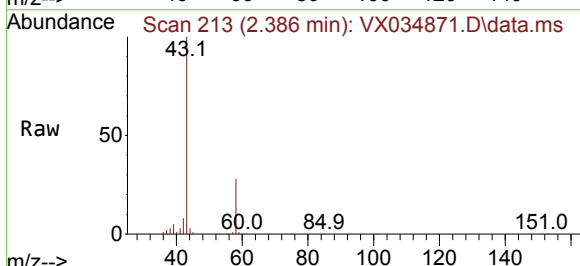
Acq: 31 Mar 2023 12:30

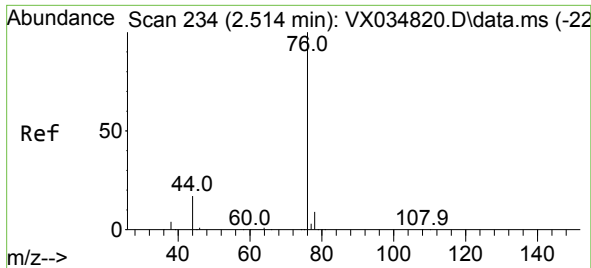
Tgt Ion: 43 Resp: 143841

Ion Ratio Lower Upper

43 100

58 27.6 24.7 37.1

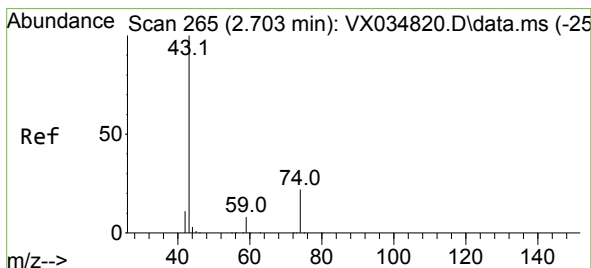
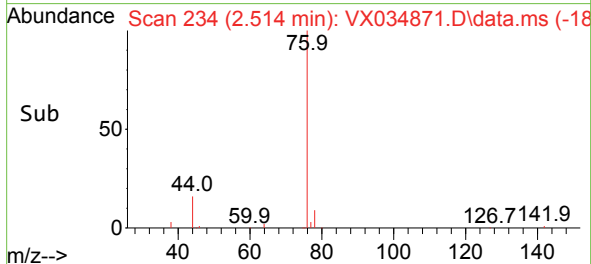
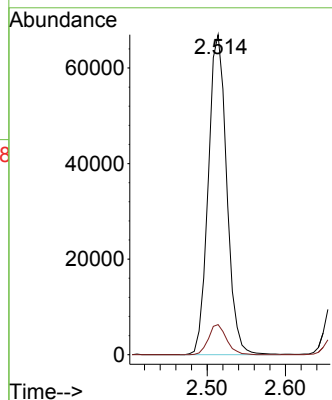
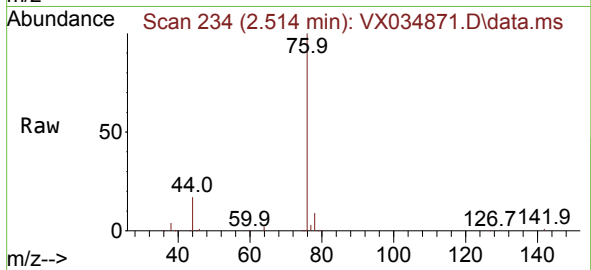




#17
Carbon Disulfide
Concen: 18.495 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

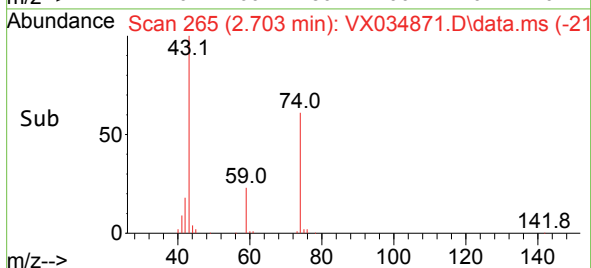
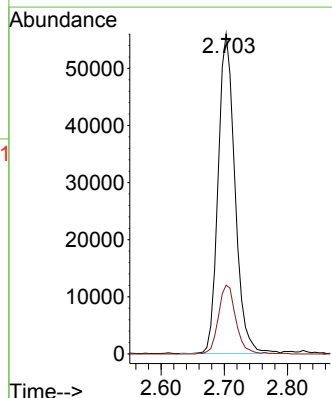
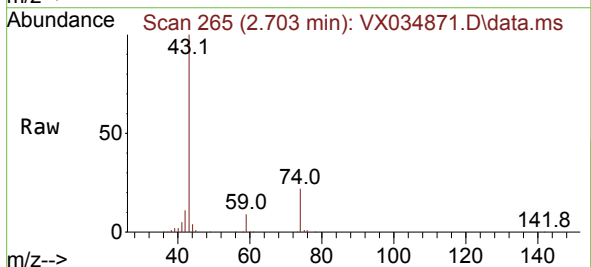
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD02

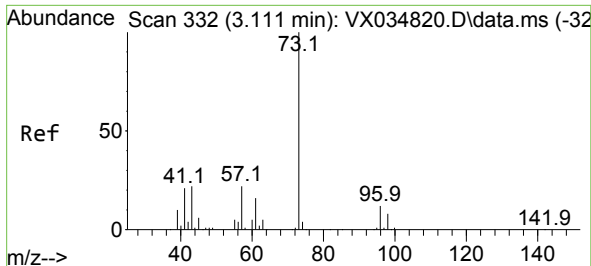
Tgt Ion: 76 Resp: 109405
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 20.319 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

Tgt Ion: 43 Resp: 103188
Ion Ratio Lower Upper
43 100
74 22.4 18.3 27.5

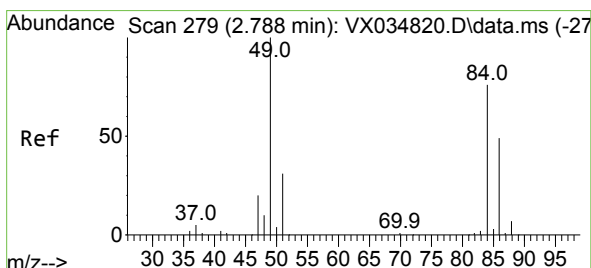
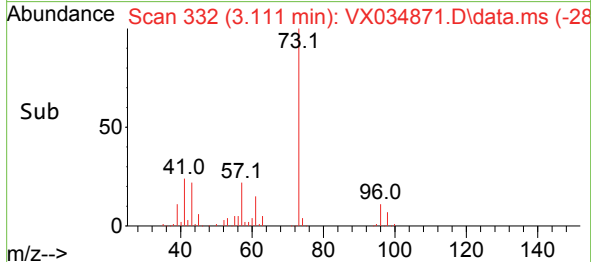
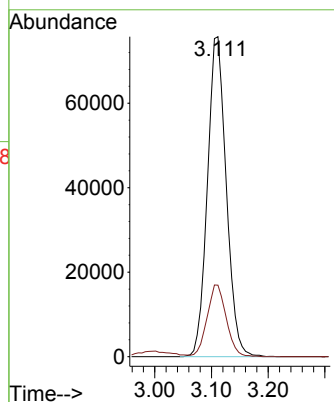
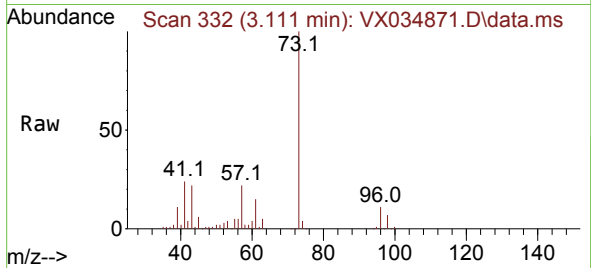




#19
Methyl tert-butyl Ether
Concen: 19.983 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

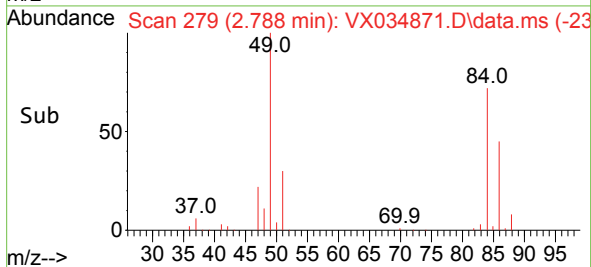
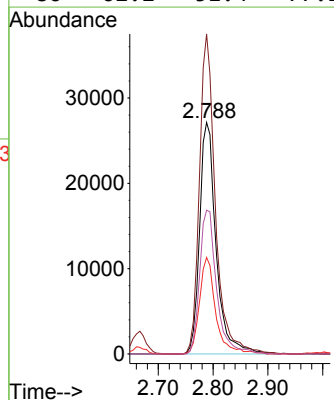
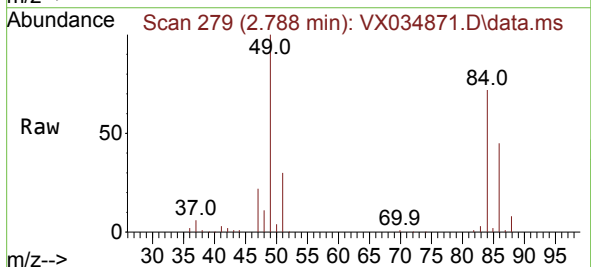
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD02

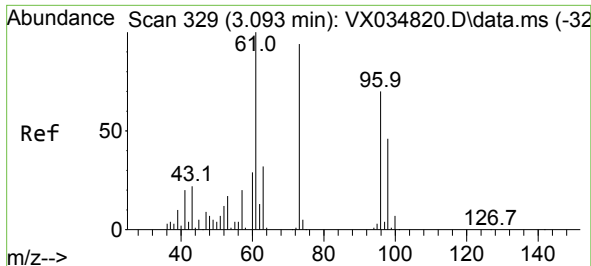
Tgt Ion: 73 Resp: 174740
Ion Ratio Lower Upper
73 100
57 22.3 18.5 27.7



#20
Methylene Chloride
Concen: 20.163 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

Tgt Ion: 84 Resp: 56870
Ion Ratio Lower Upper
84 100
49 138.2 103.8 155.8
51 41.7 31.8 47.8
86 62.2 51.4 77.2

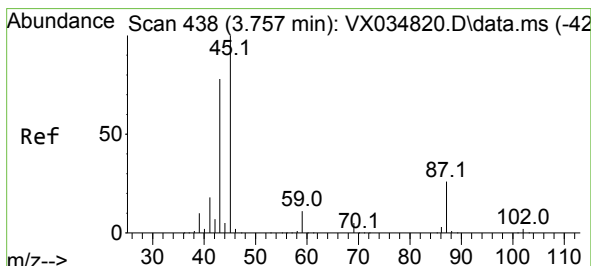
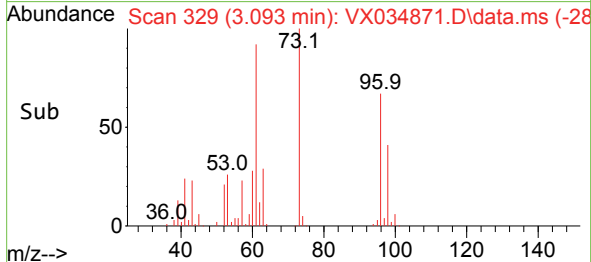
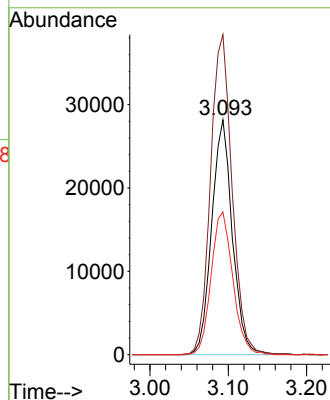
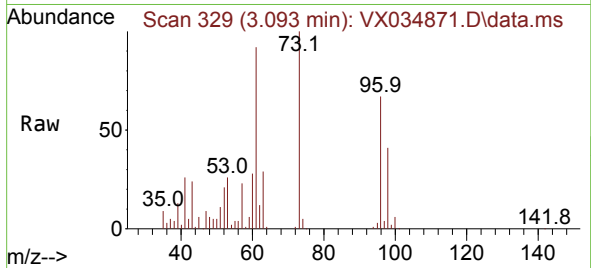




#21
trans-1,2-Dichloroethene
Concen: 20.067 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

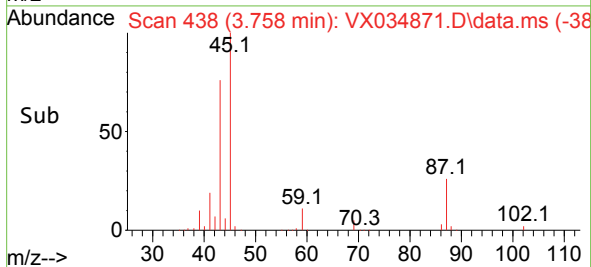
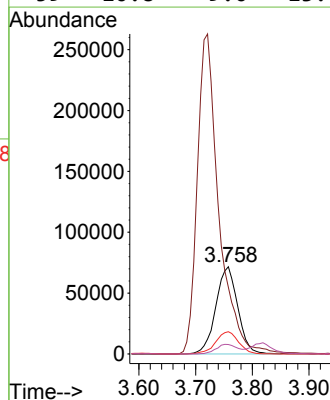
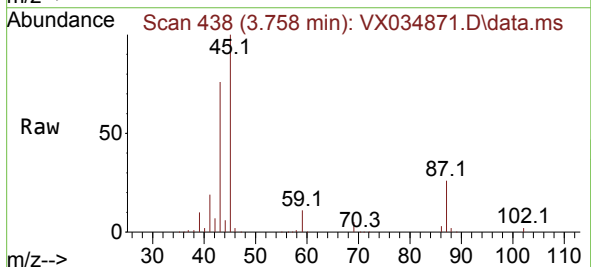
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD02

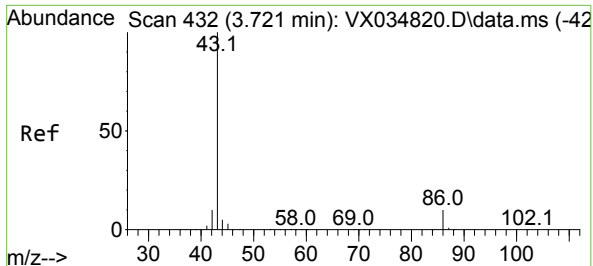
Tgt Ion: 96 Resp: 51691
Ion Ratio Lower Upper
96 100
61 136.2 113.0 169.6
98 60.7 52.1 78.1



#22
Diisopropyl ether
Concen: 20.566 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

Tgt Ion: 45 Resp: 192012
Ion Ratio Lower Upper
45 100
43 75.9 65.4 98.2
87 25.5 20.6 31.0
59 10.8 9.0 13.6

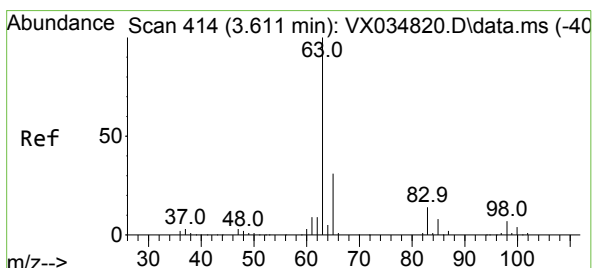
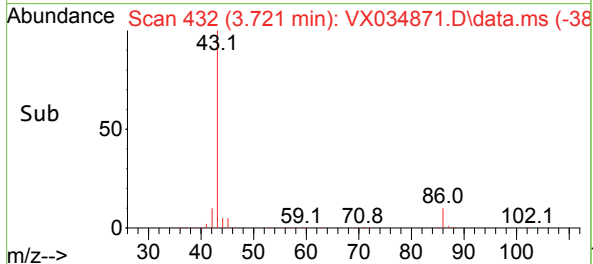
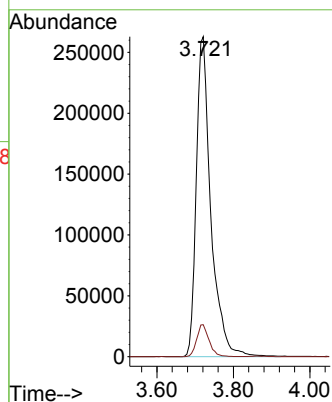
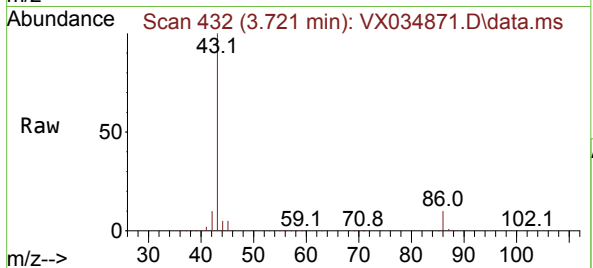




#23
 Vinyl Acetate
 Concen: 104.438 ug/l
 RT: 3.721 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX034871.D
 Acq: 31 Mar 2023 12:30

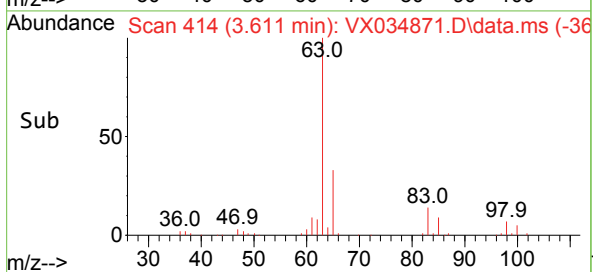
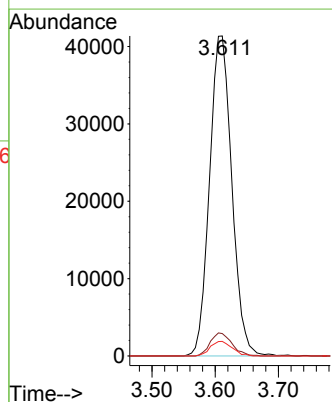
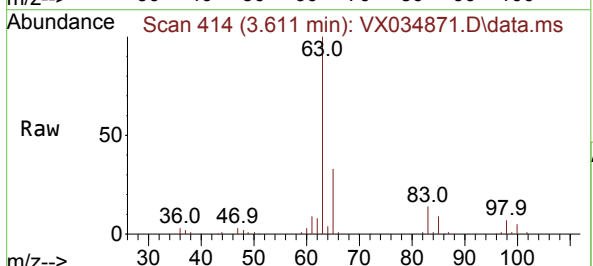
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0331WBSD02

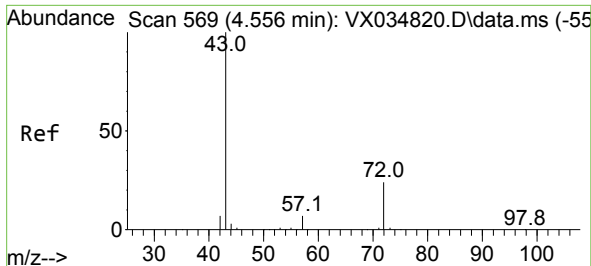
Tgt Ion: 43 Resp: 695417
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 20.188 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX034871.D
 Acq: 31 Mar 2023 12:30

Tgt Ion: 63 Resp: 101414
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.2
 100 4.5 2.4 7.1

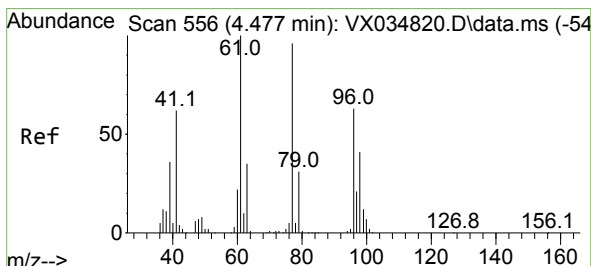
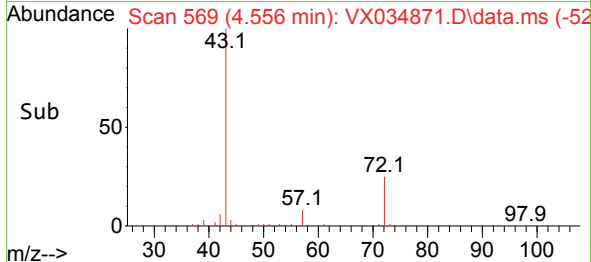
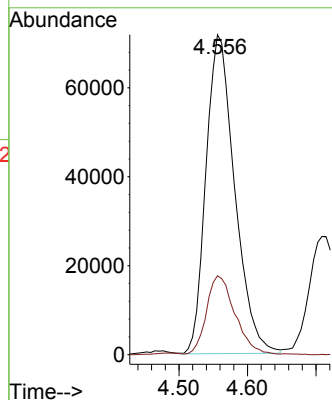
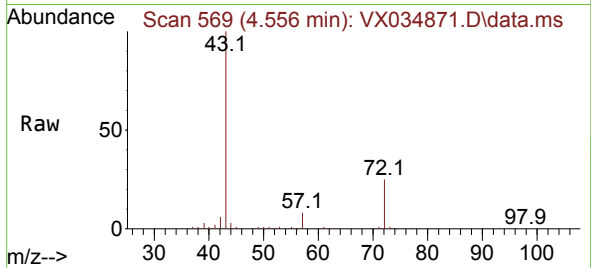




#25
2-Butanone
Concen: 100.550 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

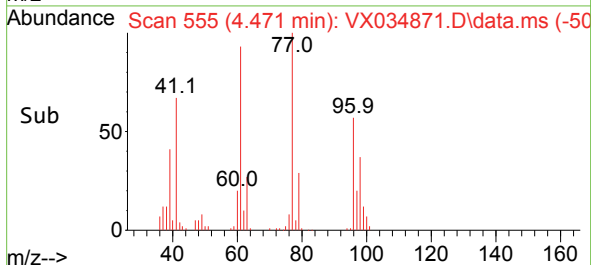
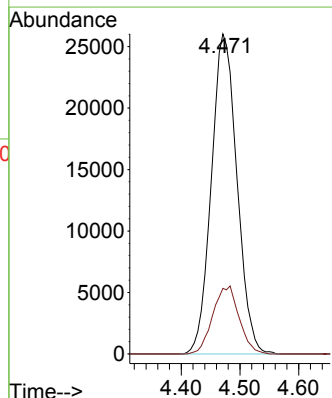
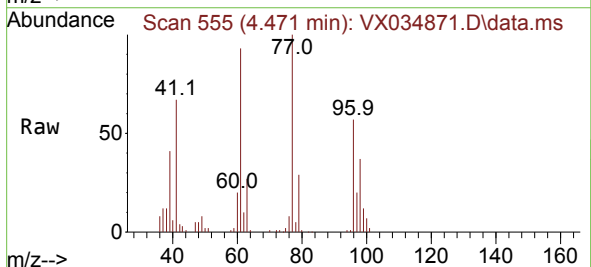
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD02

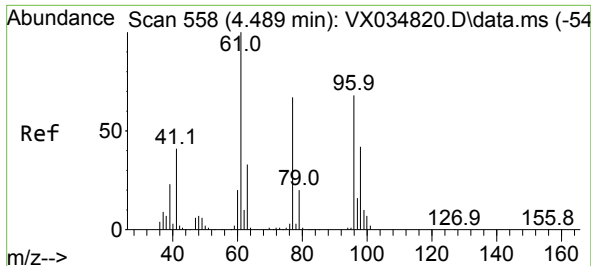
Tgt Ion: 43 Resp: 209059
Ion Ratio Lower Upper
43 100
72 24.6 19.3 28.9



#26
2,2-Dichloropropane
Concen: 19.081 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

Tgt Ion: 77 Resp: 78827
Ion Ratio Lower Upper
77 100
97 21.8 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 19.958 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX034871.D

Acq: 31 Mar 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBSD02

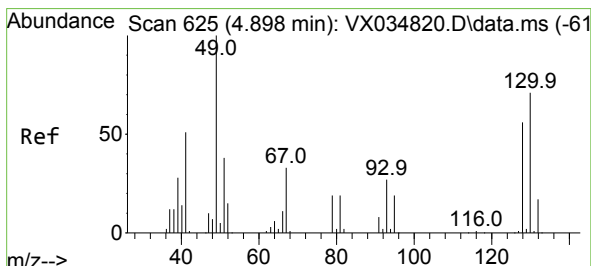
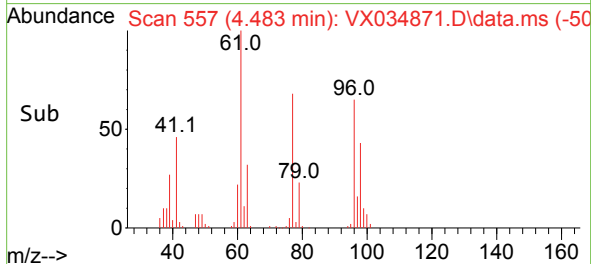
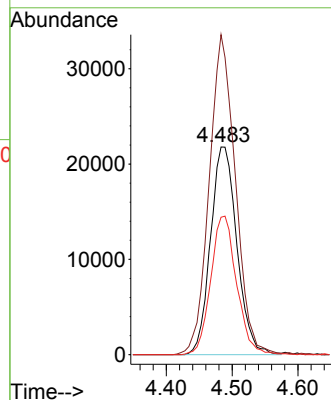
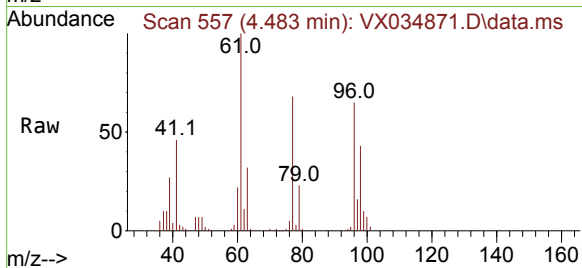
Tgt Ion: 96 Resp: 60917

Ion Ratio Lower Upper

96 100

61 152.9 0.0 300.4

98 65.4 0.0 129.0



#28

Bromochloromethane

Concen: 21.589 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX034871.D

Acq: 31 Mar 2023 12:30

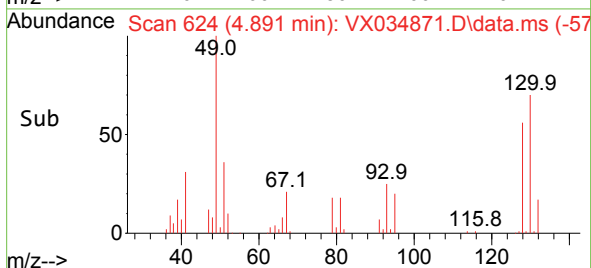
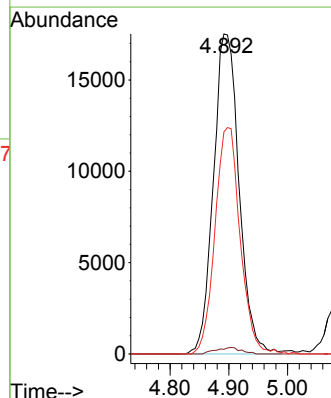
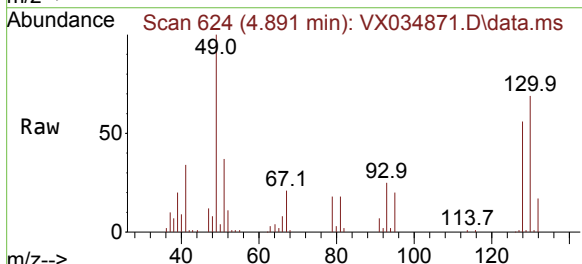
Tgt Ion: 49 Resp: 53050

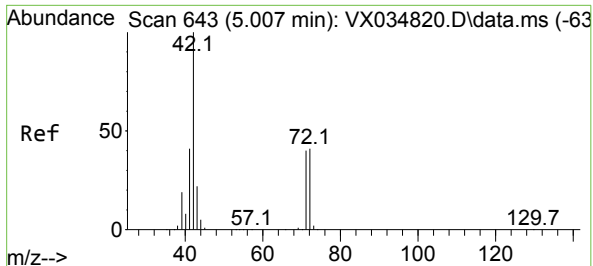
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 69.5 58.2 87.2





#29

Tetrahydrofuran

Concen: 100.776 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX034871.D

Acq: 31 Mar 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBSD02

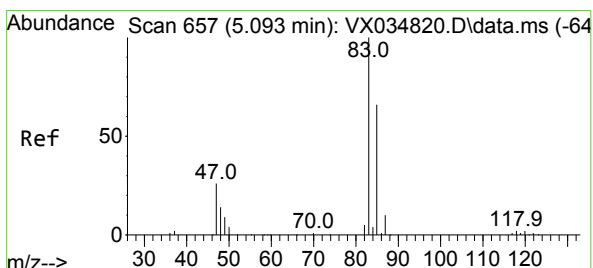
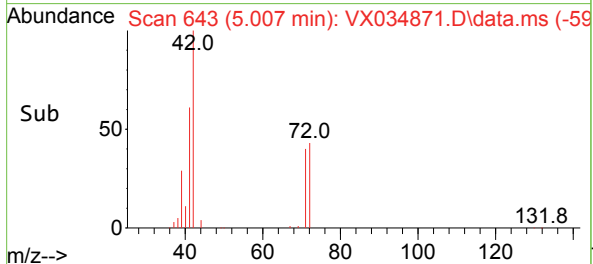
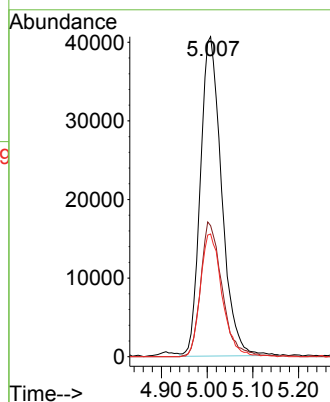
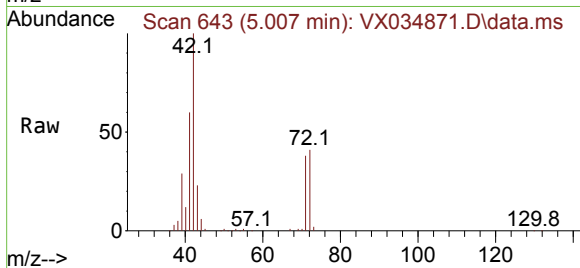
Tgt Ion: 42 Resp: 131260

Ion Ratio Lower Upper

42 100

72 42.5 34.5 51.7

71 39.1 32.1 48.1



#30

Chloroform

Concen: 19.864 ug/l

RT: 5.087 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX034871.D

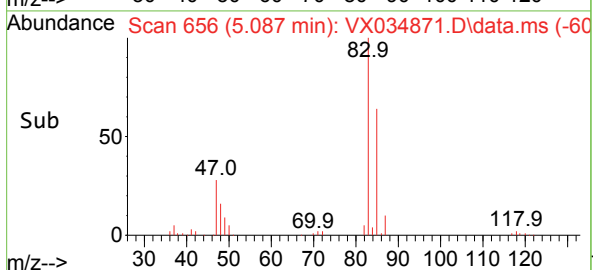
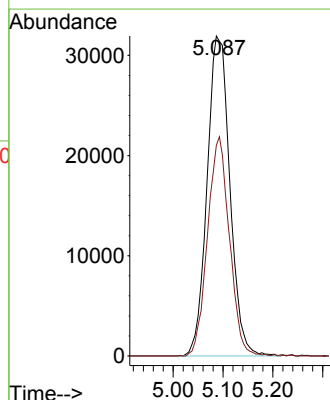
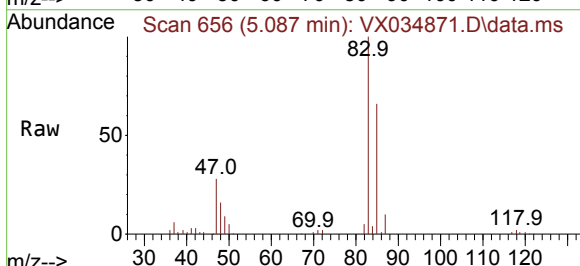
Acq: 31 Mar 2023 12:30

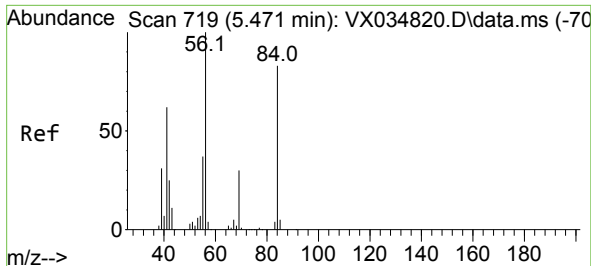
Tgt Ion: 83 Resp: 101353

Ion Ratio Lower Upper

83 100

85 65.9 50.6 76.0

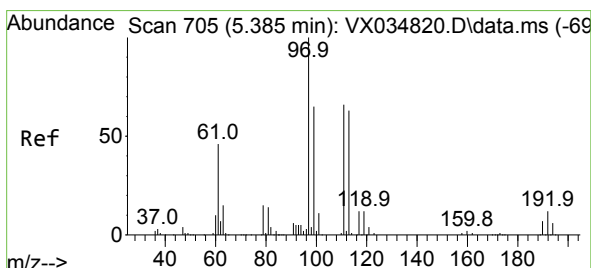
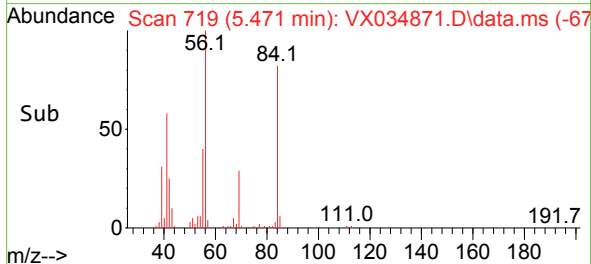
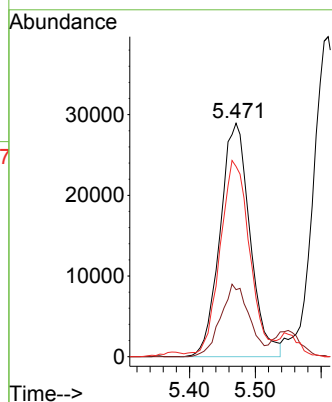
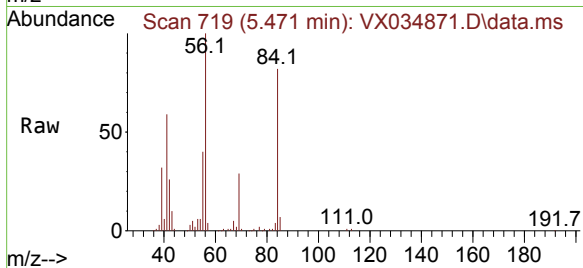




#31
Cyclohexane
Concen: 21.397 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

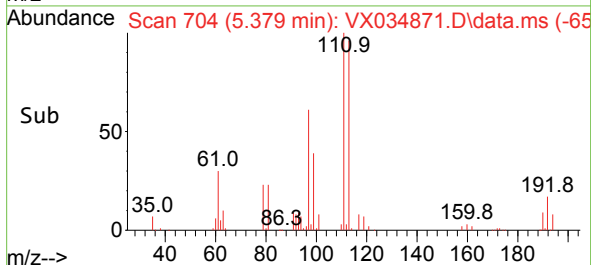
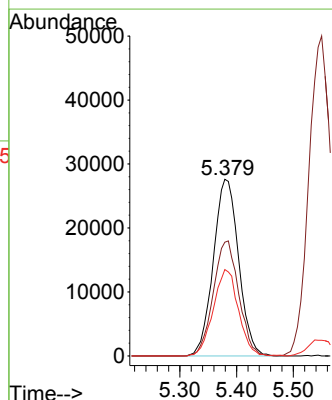
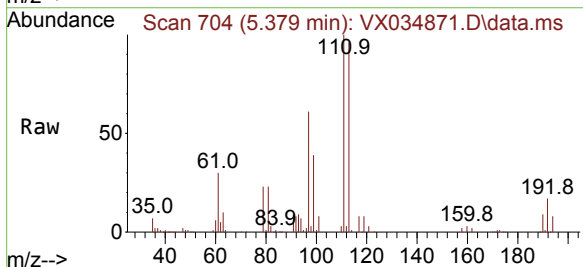
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD02

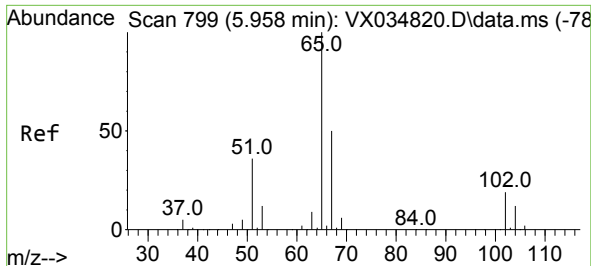
Tgt Ion: 56 Resp: 91671
Ion Ratio Lower Upper
56 100
69 28.7 23.7 35.5
84 79.9 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 19.646 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

Tgt Ion: 97 Resp: 85541
Ion Ratio Lower Upper
97 100
99 65.4 51.1 76.7
61 48.4 36.5 54.7

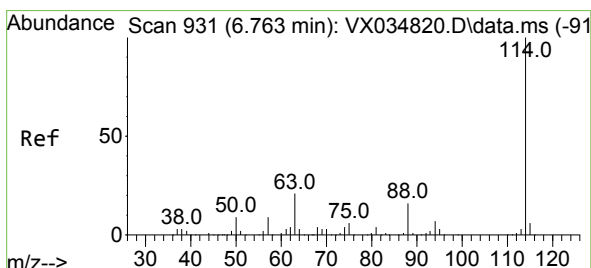
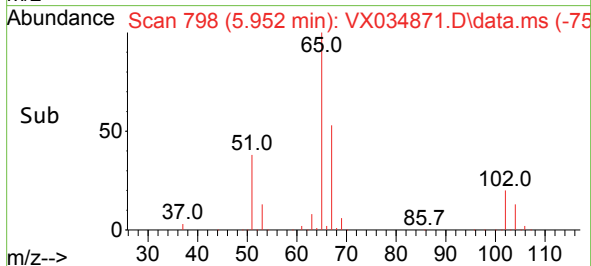
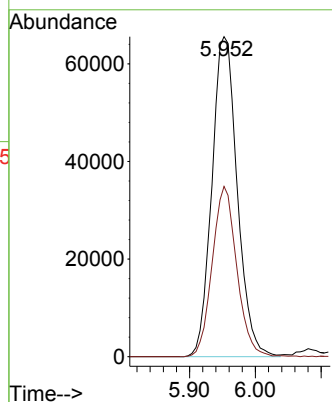
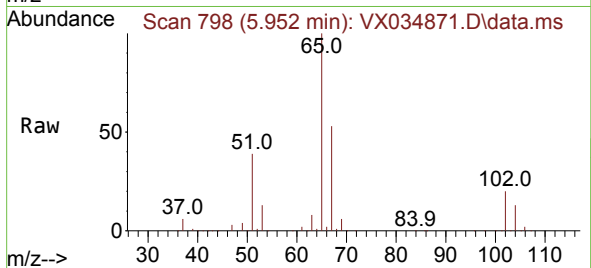




#33
1,2-Dichloroethane-d4
Concen: 50.129 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

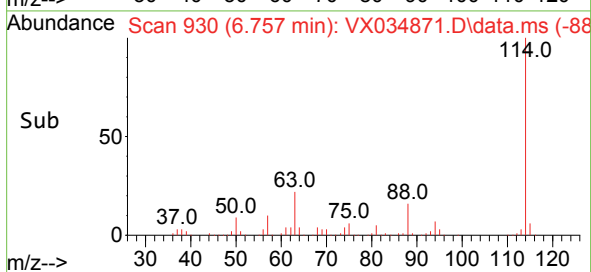
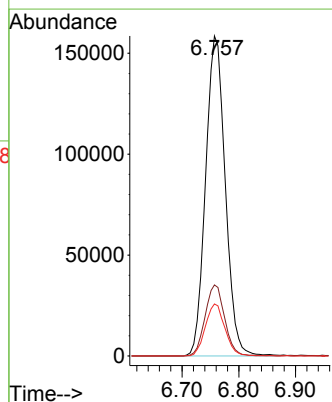
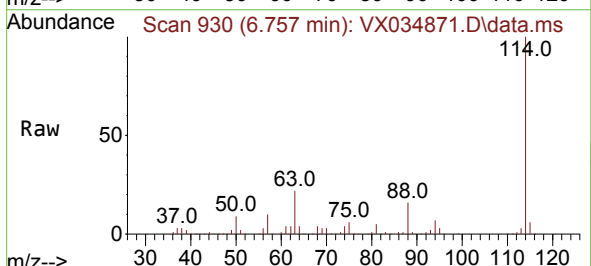
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD02

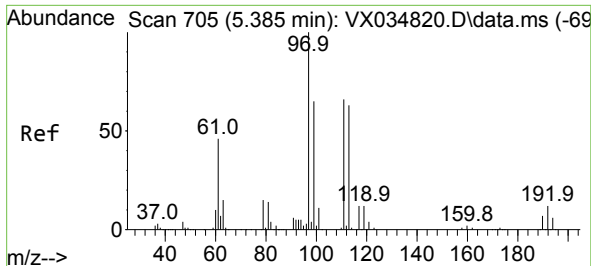
Tgt Ion: 65 Resp: 176377
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

Tgt Ion: 114 Resp: 382028
Ion Ratio Lower Upper
114 100
63 22.2 0.0 42.2
88 16.3 0.0 33.2

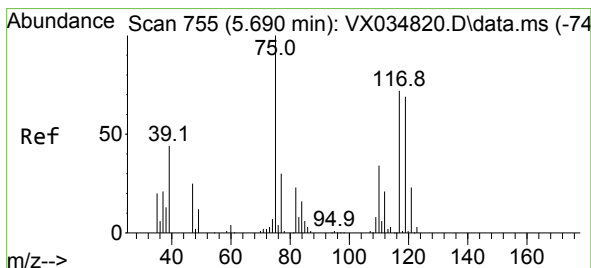
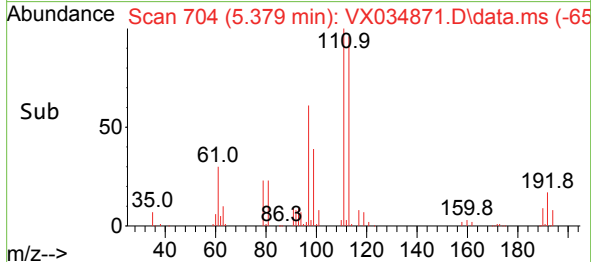
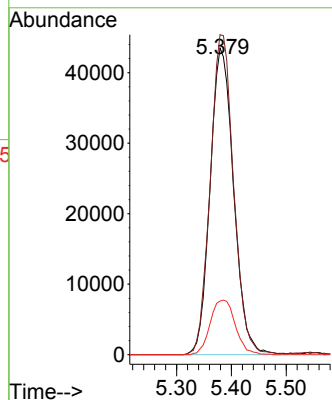
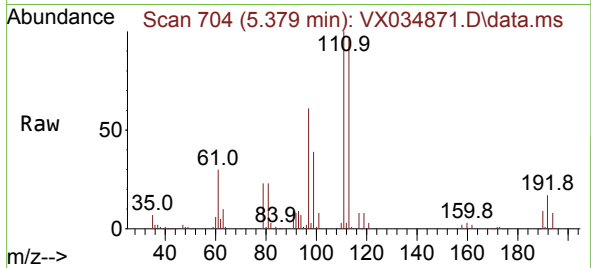




#35
Dibromofluoromethane
Concen: 51.224 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

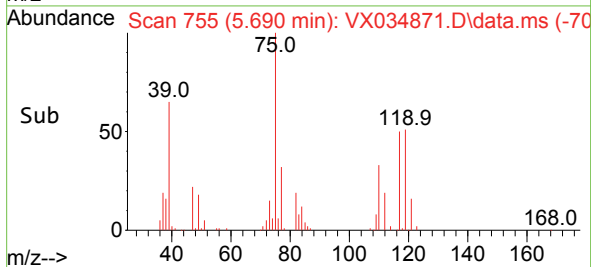
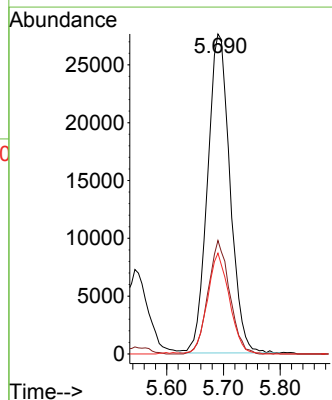
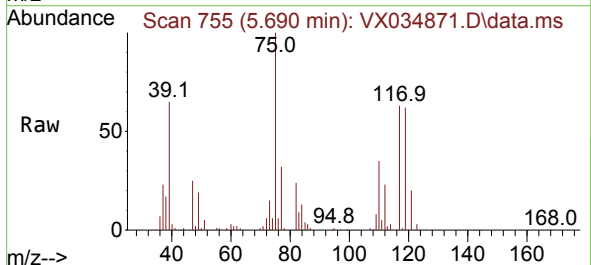
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD02

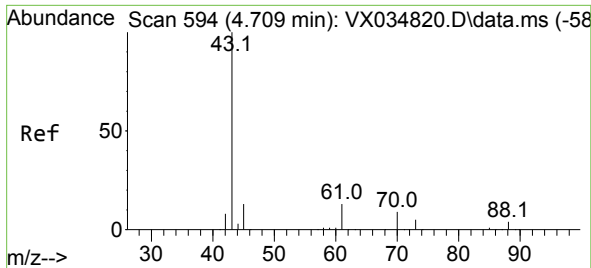
Tgt Ion:113 Resp: 129433
Ion Ratio Lower Upper
113 100
111 103.8 83.7 125.5
192 19.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 20.249 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

Tgt Ion: 75 Resp: 75804
Ion Ratio Lower Upper
75 100
110 34.2 17.5 52.5
77 30.9 24.3 36.5





#37

Ethyl Acetate

Concen: 20.055 ug/l

RT: 4.709 min Scan# 594

Delta R.T. 0.000 min

Lab File: VX034871.D

Acq: 31 Mar 2023 12:30

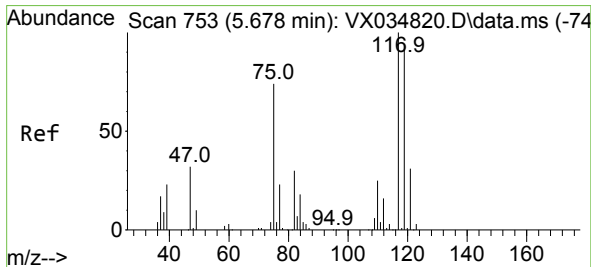
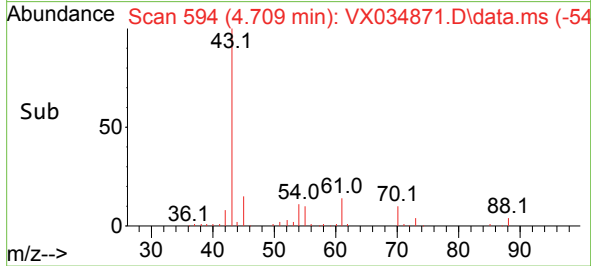
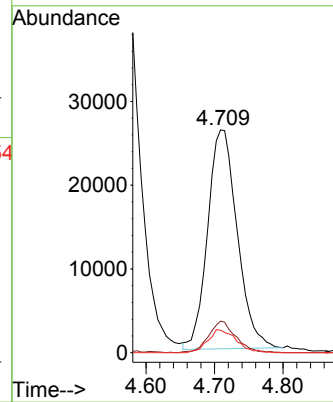
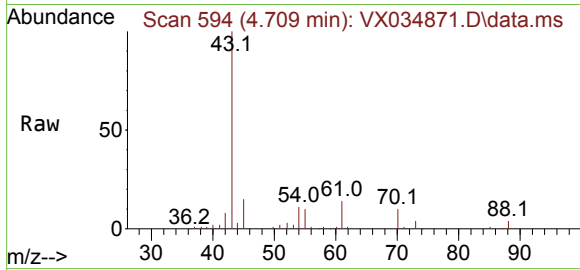
Instrument :

MSVOA_X

ClientSampleId :

VX0331WBSD02

Tgt Ion:	43	Resp:	78501
Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.2	15.4
70	10.0	8.2	12.4



#38

Carbon Tetrachloride

Concen: 19.868 ug/l

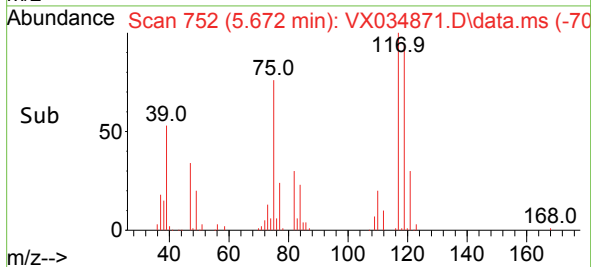
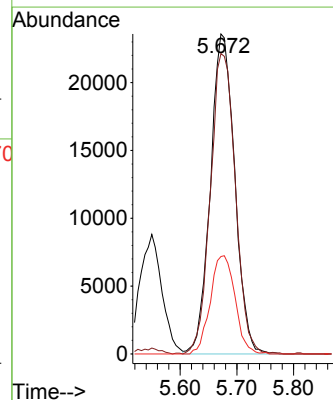
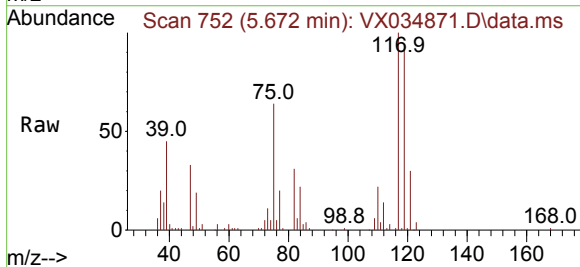
RT: 5.672 min Scan# 752

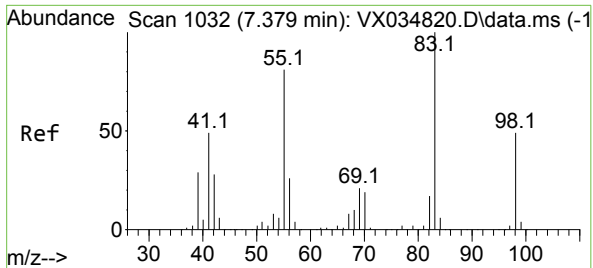
Delta R.T. -0.006 min

Lab File: VX034871.D

Acq: 31 Mar 2023 12:30

Tgt Ion:	117	Resp:	70122
Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.6	114.8
121	30.4	23.8	35.6





#39

Methylcyclohexane

Concen: 21.051 ug/l

RT: 7.379 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034871.D

Acq: 31 Mar 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBSD02

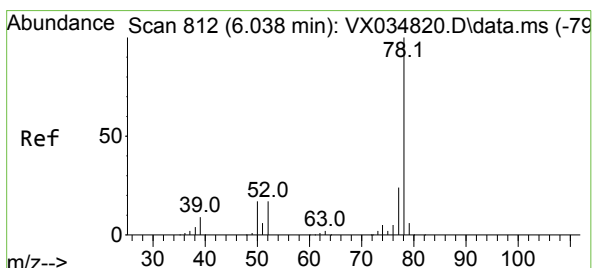
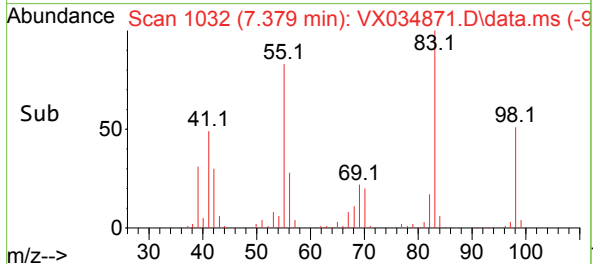
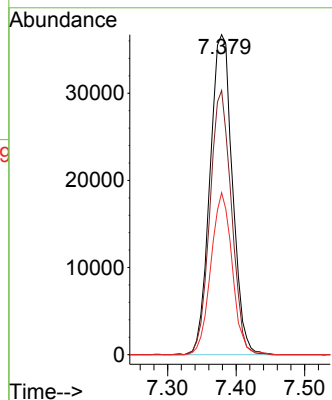
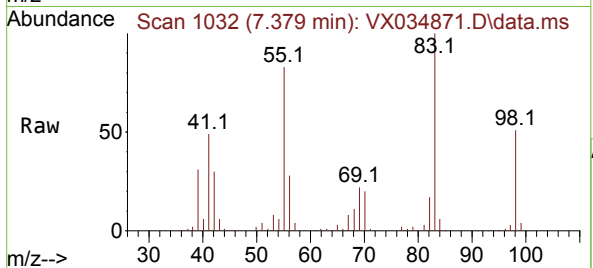
Tgt Ion: 83 Resp: 83684

Ion Ratio Lower Upper

83 100

55 82.6 60.5 90.7

98 50.6 40.4 60.6



#40

Benzene

Concen: 20.528 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX034871.D

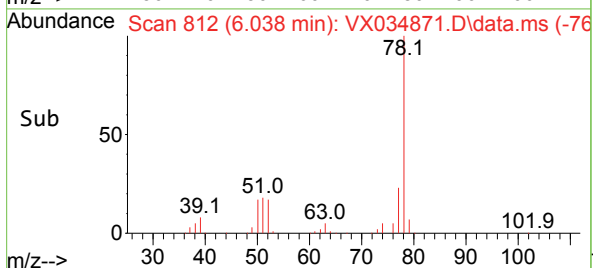
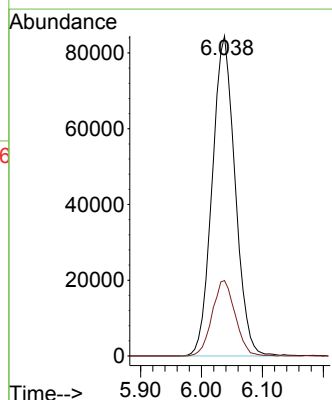
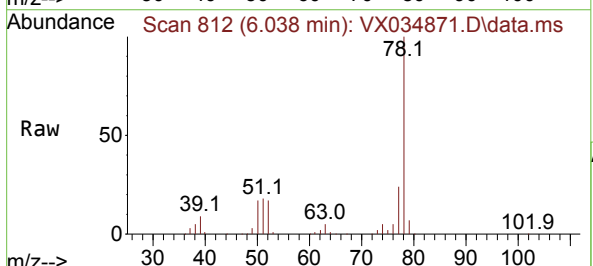
Acq: 31 Mar 2023 12:30

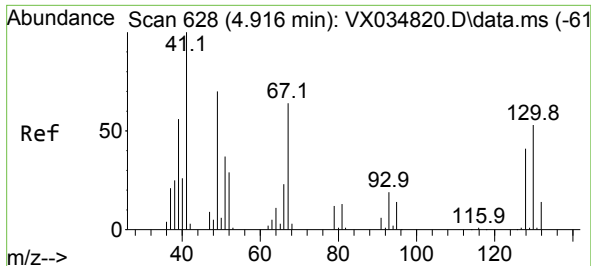
Tgt Ion: 78 Resp: 220602

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.4



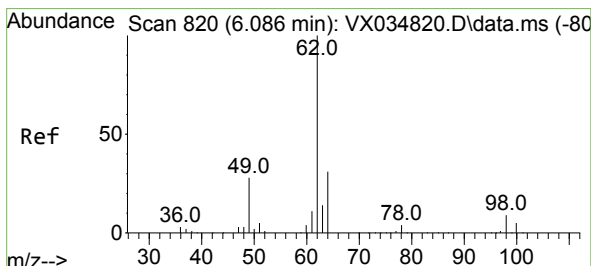
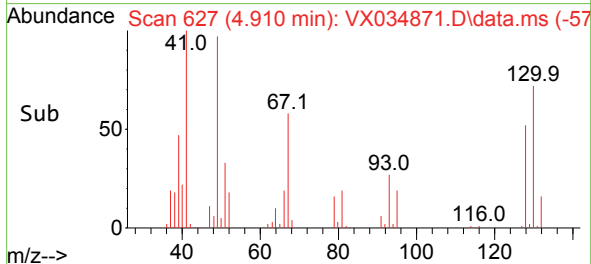
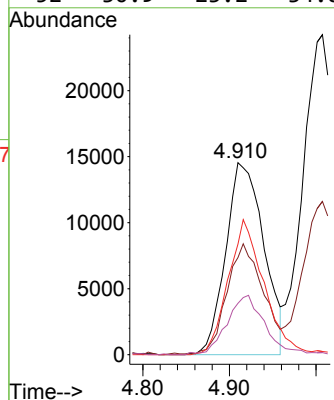
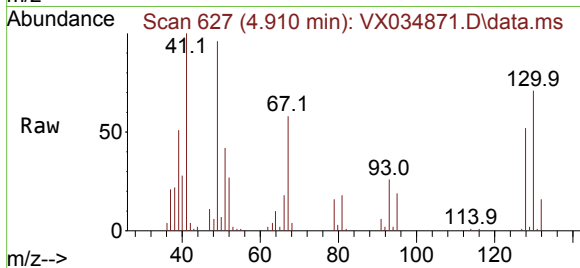


#41
Methacrylonitrile
Concen: 20.900 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD02

Tgt Ion: 41 Resp: 44492

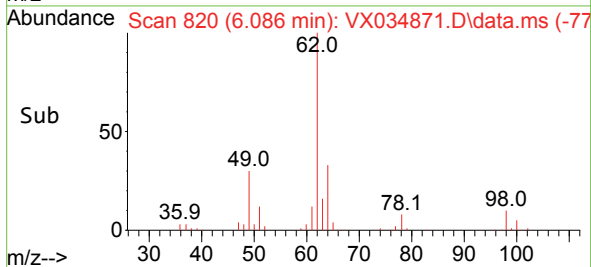
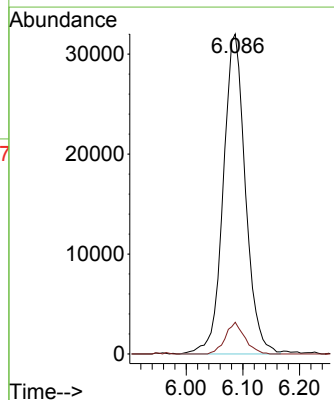
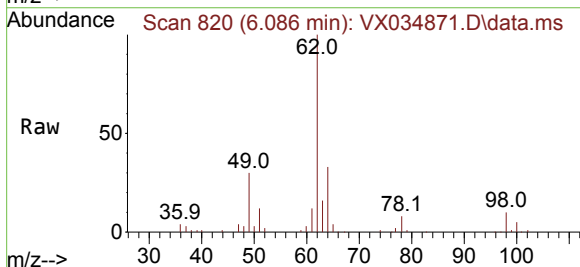
Ion	Ratio	Lower	Upper
41	100		
39	54.3	45.0	67.6
67	66.0	55.6	83.4
52	30.9	23.2	34.8

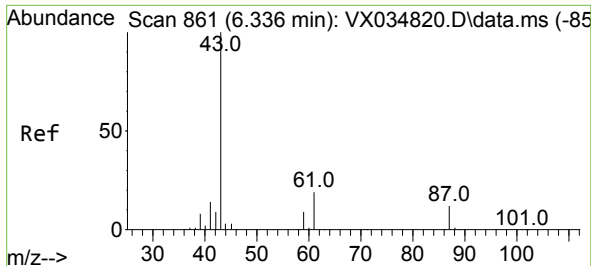


#42
1,2-Dichloroethane
Concen: 20.373 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

Tgt Ion: 62 Resp: 87038

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.0

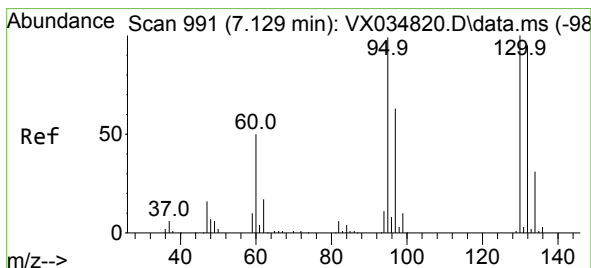
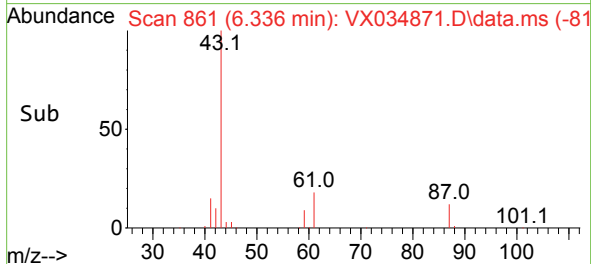
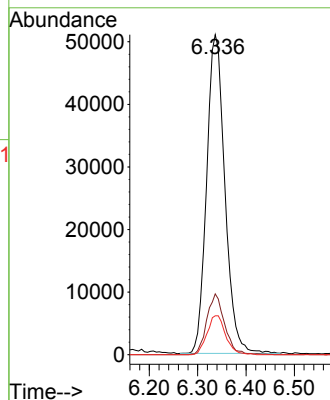
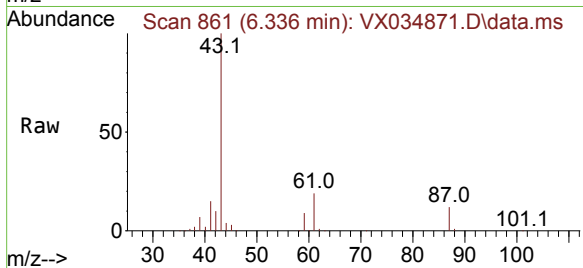




#43
Isopropyl Acetate
Concen: 20.374 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

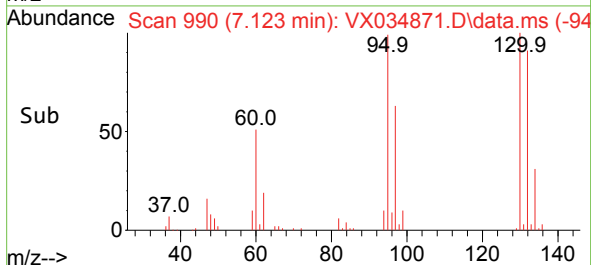
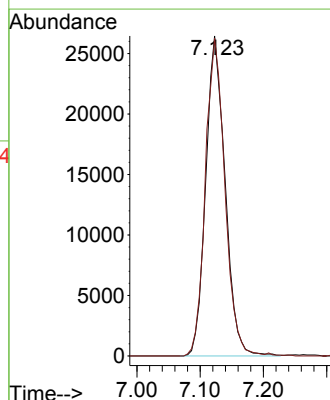
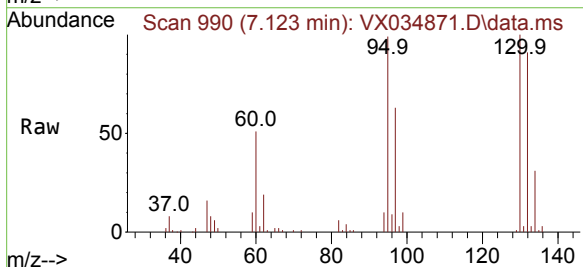
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD02

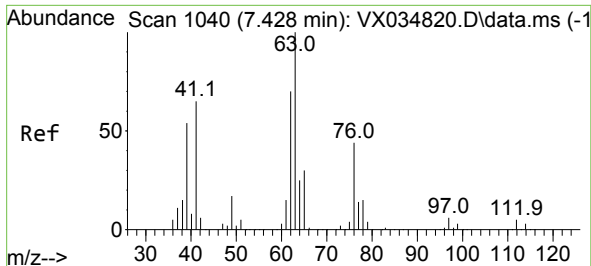
Tgt Ion: 43 Resp: 133426
Ion Ratio Lower Upper
43 100
61 18.5 15.2 22.8
87 12.5 9.8 14.8



#44
Trichloroethene
Concen: 20.547 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

Tgt Ion:130 Resp: 56365
Ion Ratio Lower Upper
130 100
95 99.3 0.0 198.4

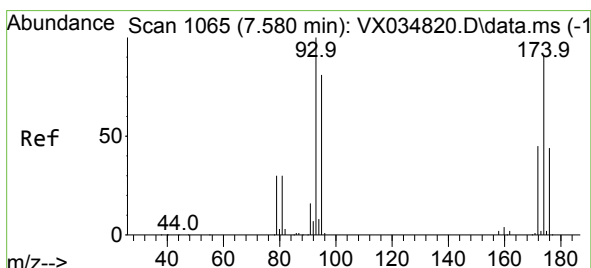
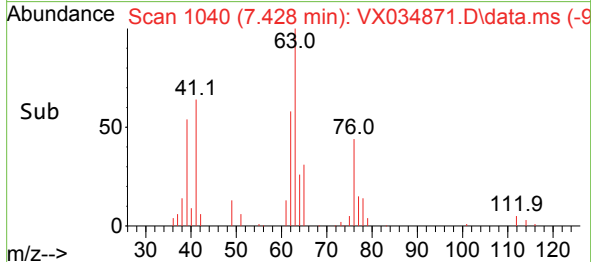
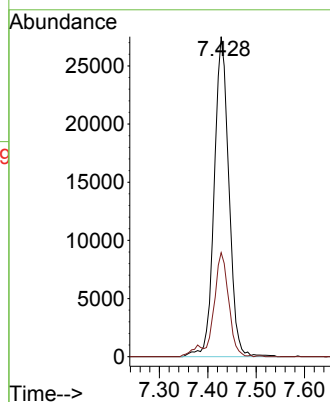
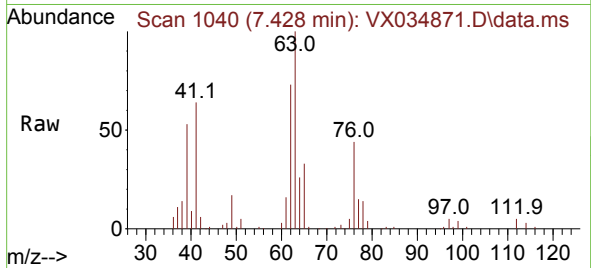




#45
1,2-Dichloropropane
Concen: 20.737 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

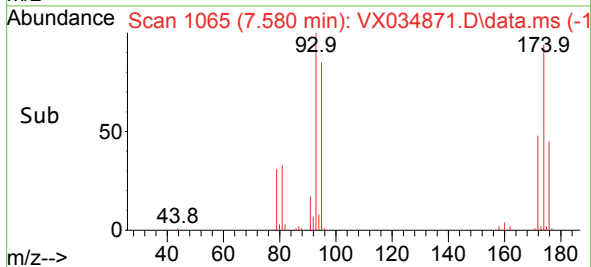
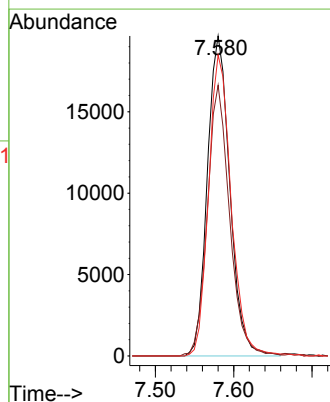
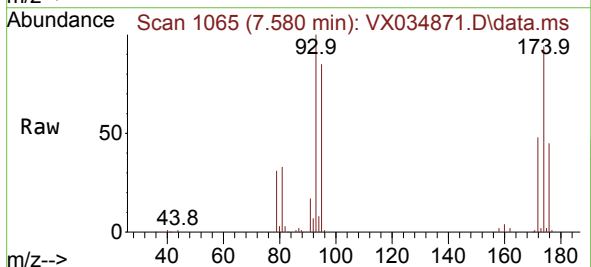
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD02

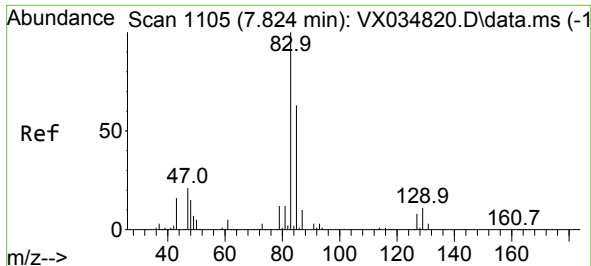
Tgt Ion: 63 Resp: 58070
Ion Ratio Lower Upper
63 100
65 32.5 24.6 37.0



#46
Dibromomethane
Concen: 20.336 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

Tgt Ion: 93 Resp: 39182
Ion Ratio Lower Upper
93 100
95 83.7 66.9 100.3
174 94.5 75.4 113.0

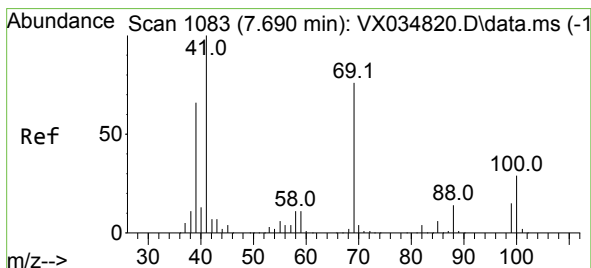
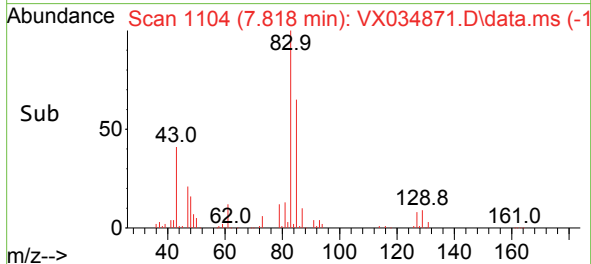
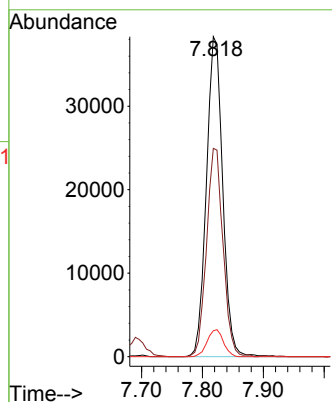
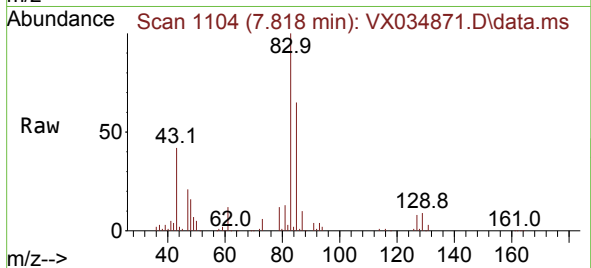




#47
Bromodichloromethane
Concen: 20.017 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

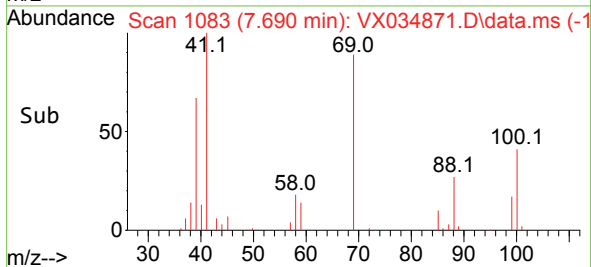
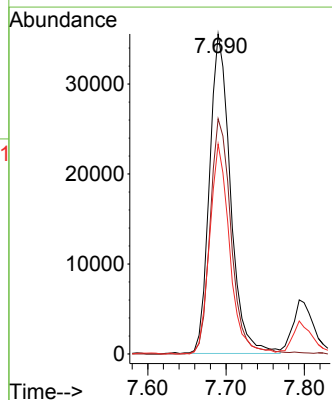
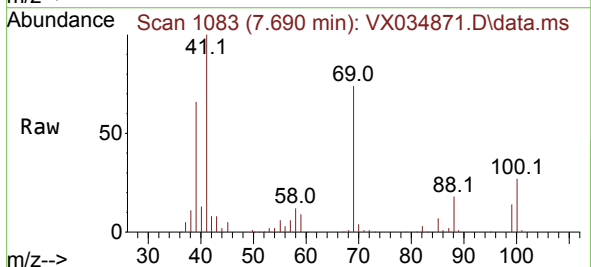
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD02

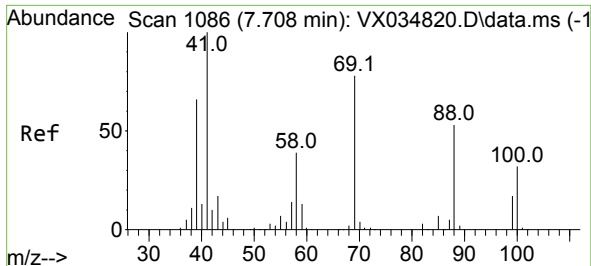
Tgt Ion: 83 Resp: 71241
Ion Ratio Lower Upper
83 100
85 65.1 52.2 78.4
127 8.1 6.6 9.8



#48
Methyl methacrylate
Concen: 20.467 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

Tgt Ion: 41 Resp: 65825
Ion Ratio Lower Upper
41 100
69 74.0 62.2 93.4
39 63.0 47.7 71.5





#49

1,4-Dioxane

Concen: 419.856 ug/l

RT: 7.702 min Scan# 1086

Delta R.T. -0.006 min

Lab File: VX034871.D

Acq: 31 Mar 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBSD02

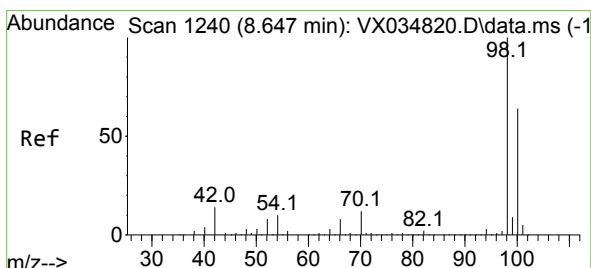
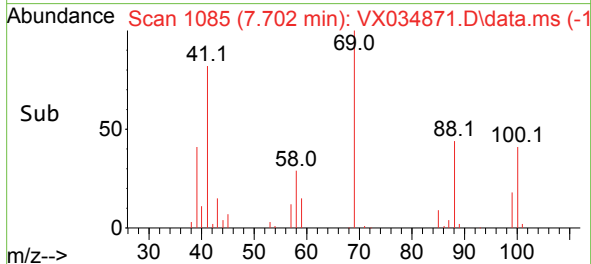
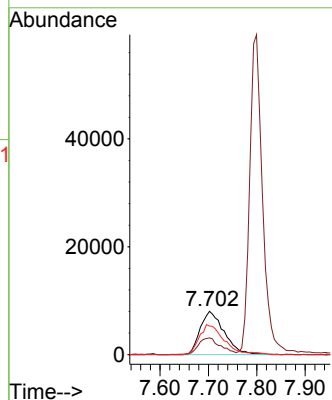
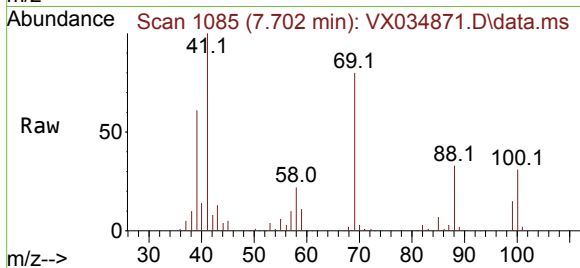
Tgt Ion: 88 Resp: 27827

Ion Ratio Lower Upper

88 100

43 36.1 27.7 41.5

58 68.3 56.8 85.2



#50

Toluene-d8

Concen: 52.521 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034871.D

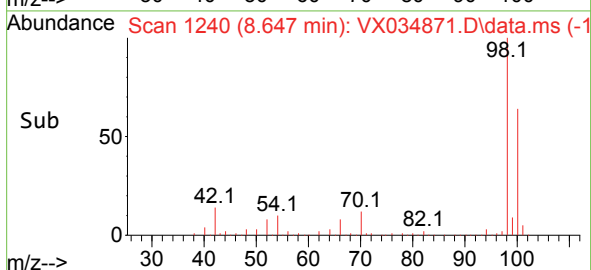
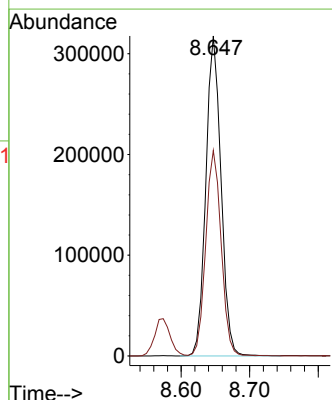
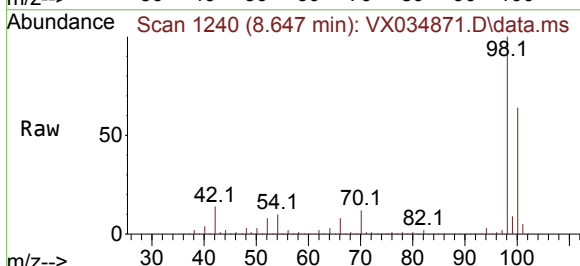
Acq: 31 Mar 2023 12:30

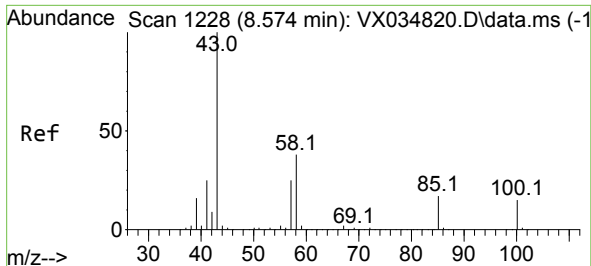
Tgt Ion: 98 Resp: 489846

Ion Ratio Lower Upper

98 100

100 65.3 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 106.010 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX034871.D

Acq: 31 Mar 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

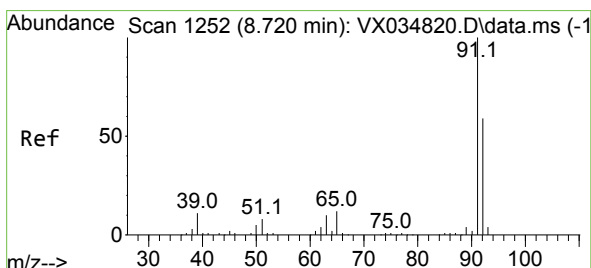
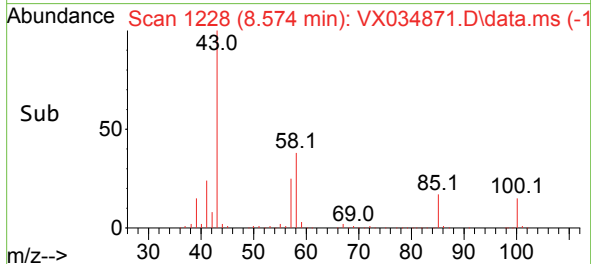
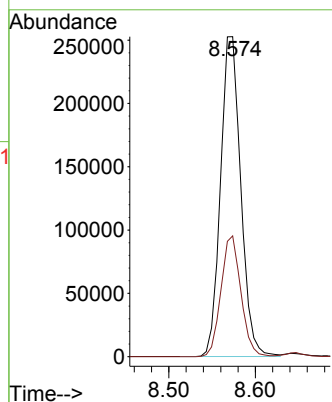
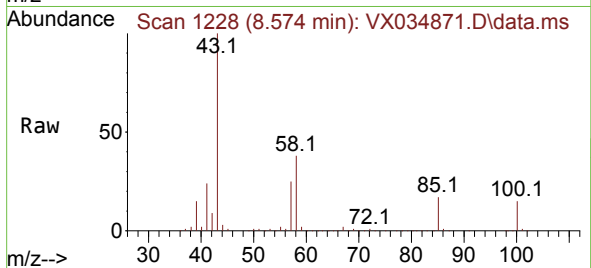
VX0331WBSD02

Tgt Ion: 43 Resp: 410872

Ion Ratio Lower Upper

43 100

58 37.1 30.6 46.0



#52

Toluene

Concen: 19.598 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX034871.D

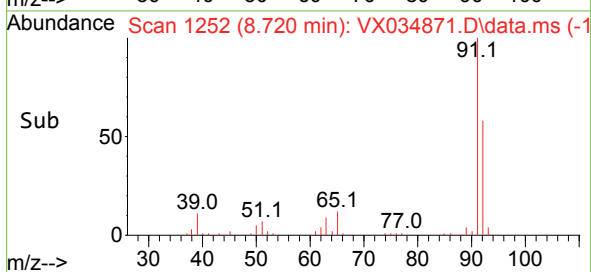
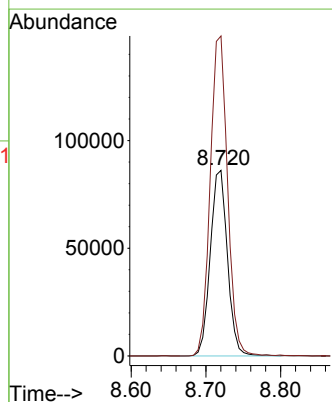
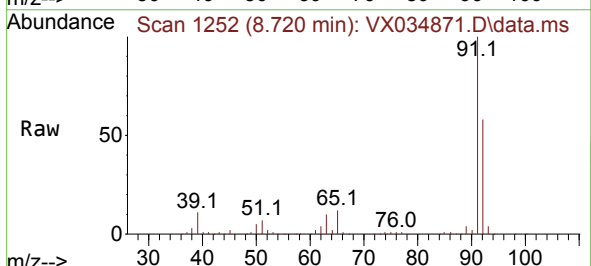
Acq: 31 Mar 2023 12:30

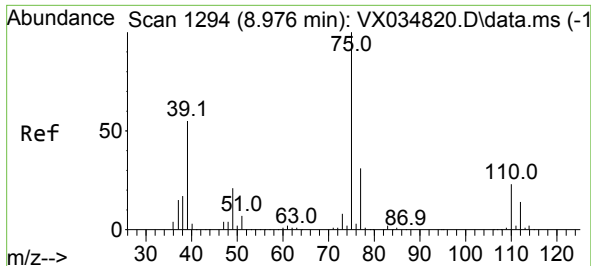
Tgt Ion: 92 Resp: 137321

Ion Ratio Lower Upper

92 100

91 173.9 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 19.635 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034871.D

Acq: 31 Mar 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

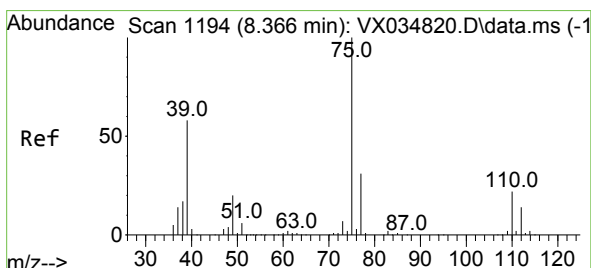
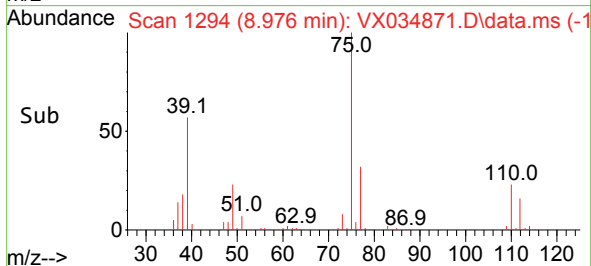
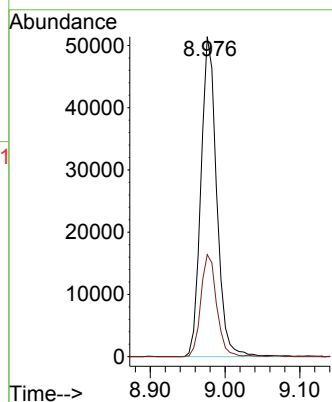
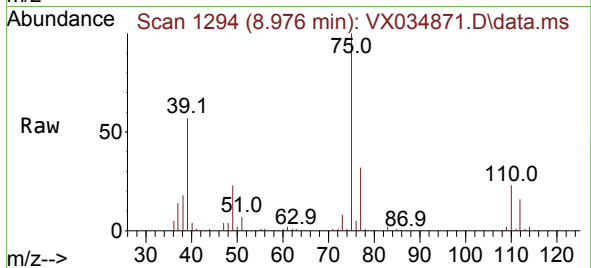
VX0331WBSD02

Tgt Ion: 75 Resp: 75175

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.526 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034871.D

Acq: 31 Mar 2023 12:30

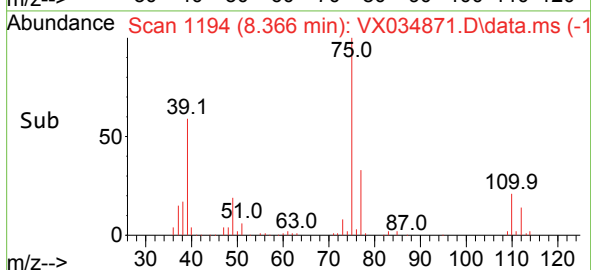
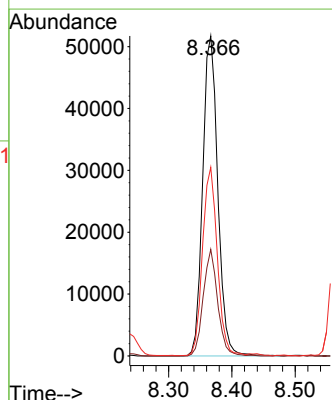
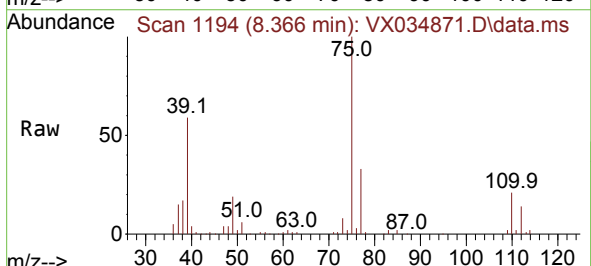
Tgt Ion: 75 Resp: 86000

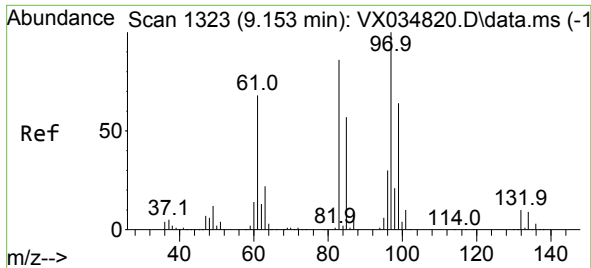
Ion Ratio Lower Upper

75 100

77 33.3 25.0 37.4

39 58.8 44.6 66.8

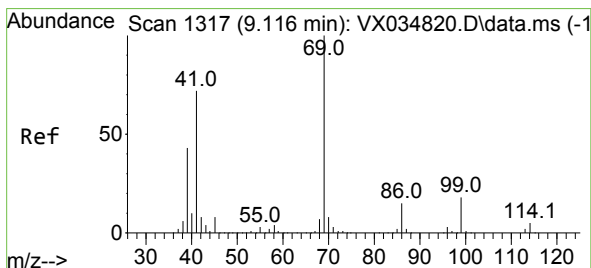
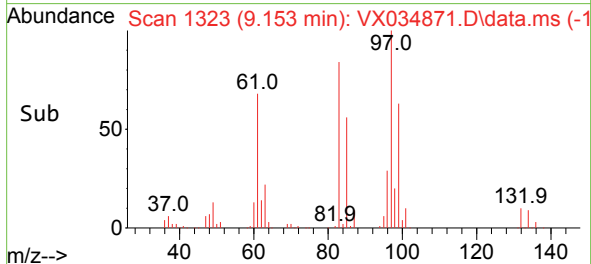
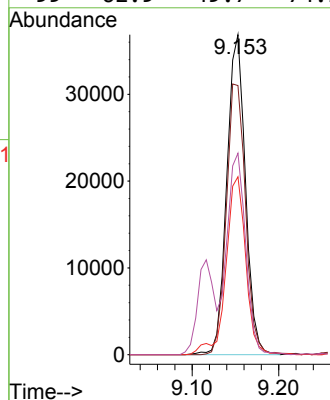
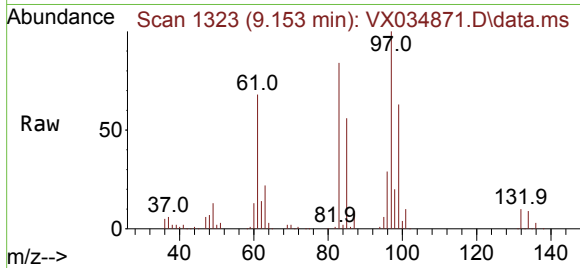




#55
 1,1,2-Trichloroethane
 Concen: 20.729 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. 0.000 min
 Lab File: VX034871.D
 Acq: 31 Mar 2023 12:30

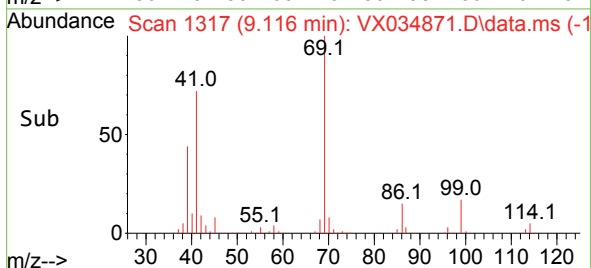
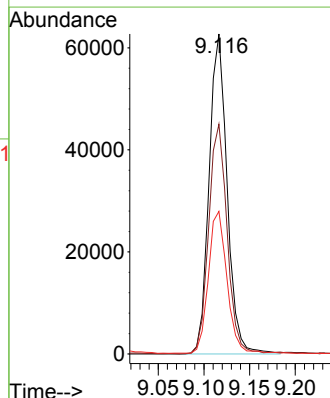
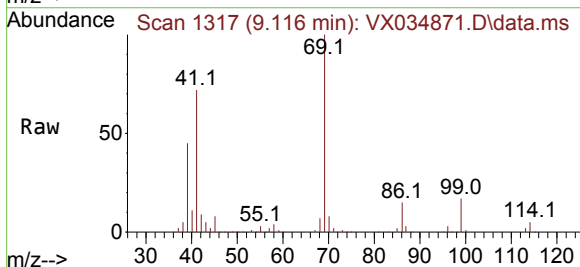
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0331WBSD02

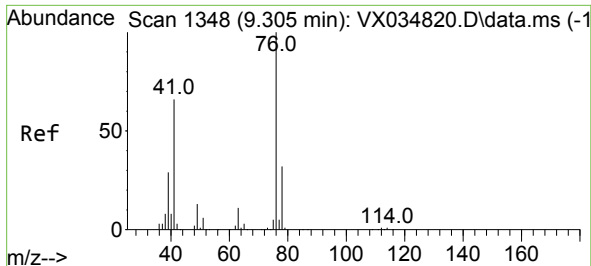
Tgt Ion:	97	Resp:	54972
Ion	Ratio	Lower	Upper
97	100		
83	84.1	69.7	104.5
85	55.6	43.7	65.5
99	62.9	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 20.690 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX034871.D
 Acq: 31 Mar 2023 12:30

Tgt Ion:	69	Resp:	85967
Ion	Ratio	Lower	Upper
69	100		
41	73.6	57.4	86.0
39	46.5	33.7	50.5





#57

1,3-Dichloropropane

Concen: 21.180 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034871.D

Acq: 31 Mar 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

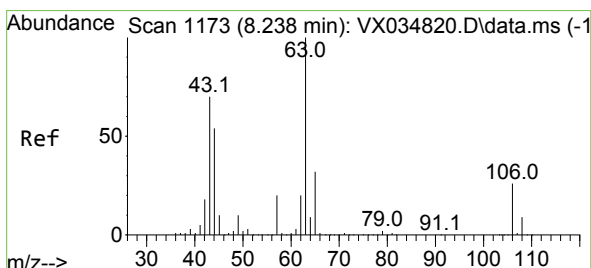
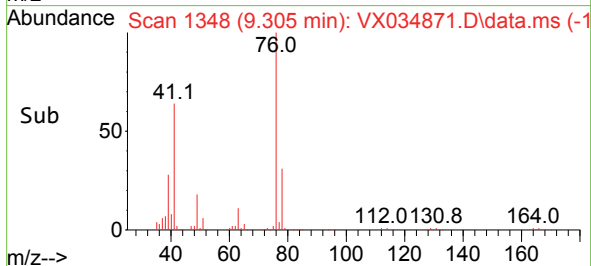
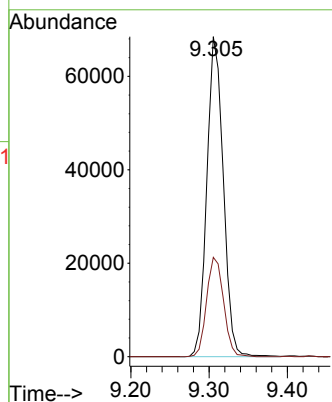
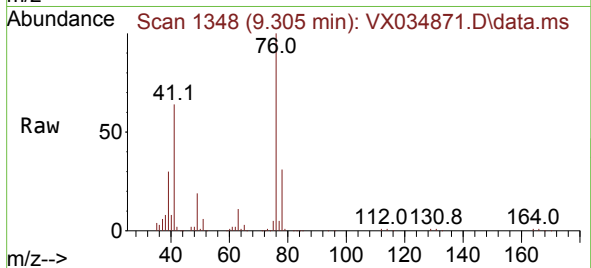
VX0331WBSD02

Tgt Ion: 76 Resp: 99471

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 102.452 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034871.D

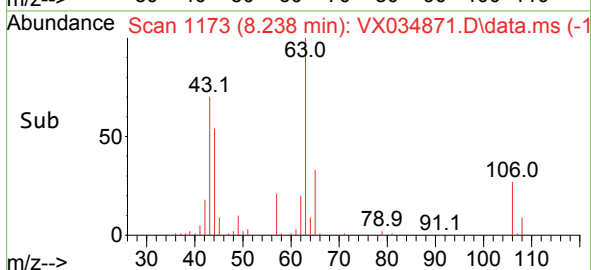
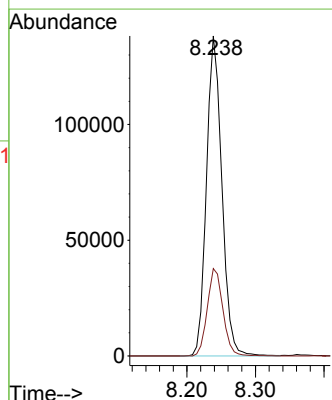
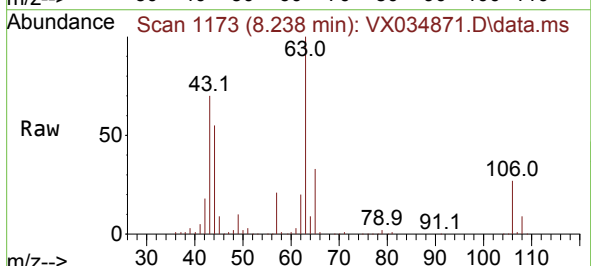
Acq: 31 Mar 2023 12:30

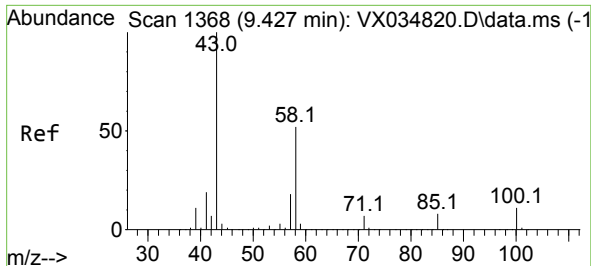
Tgt Ion: 63 Resp: 216747

Ion Ratio Lower Upper

63 100

106 27.7 22.2 33.2

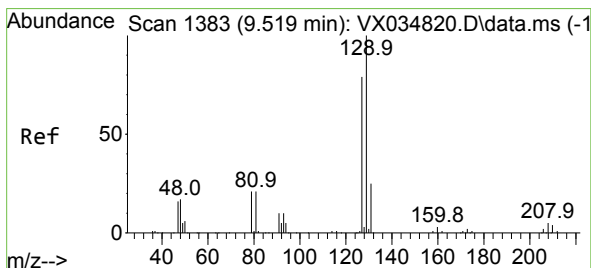
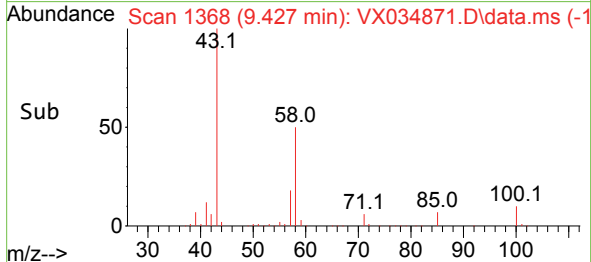
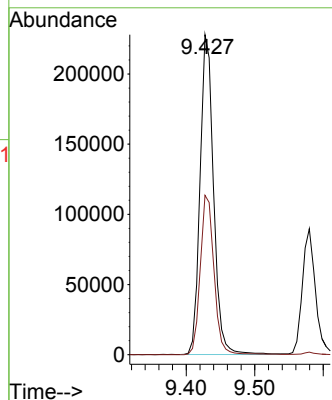
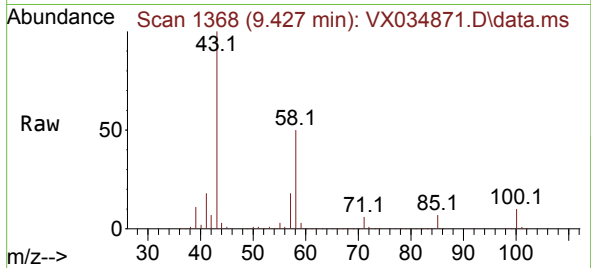




#59
2-Hexanone
Concen: 107.030 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

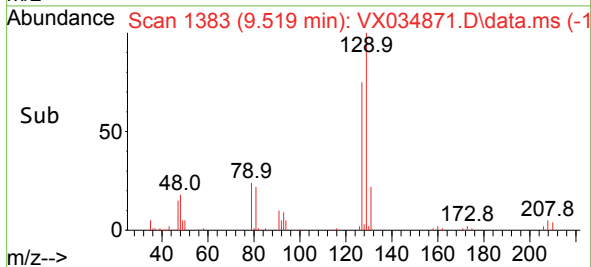
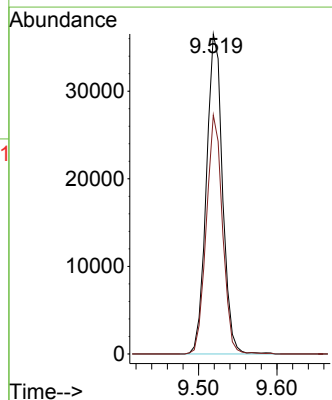
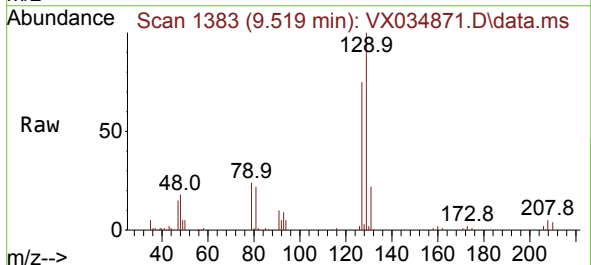
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD02

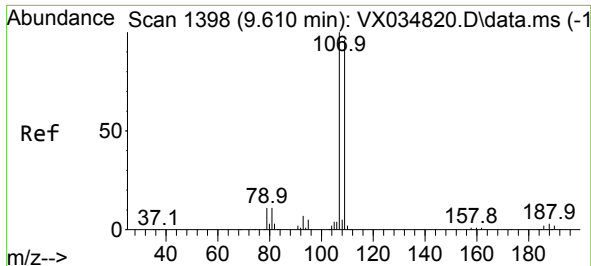
Tgt Ion: 43 Resp: 313755
Ion Ratio Lower Upper
43 100
58 50.8 26.3 78.9



#60
Dibromochloromethane
Concen: 20.644 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

Tgt Ion: 129 Resp: 52151
Ion Ratio Lower Upper
129 100
127 74.8 39.0 117.0

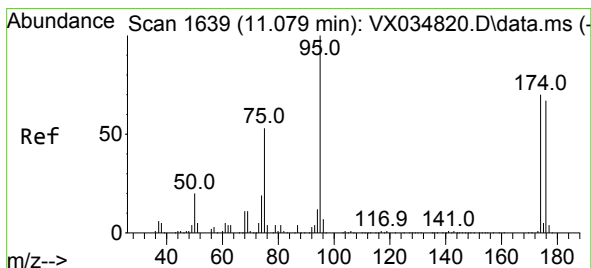
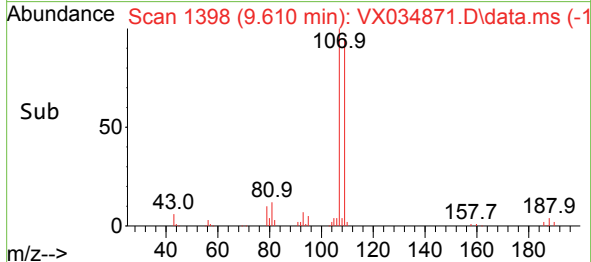
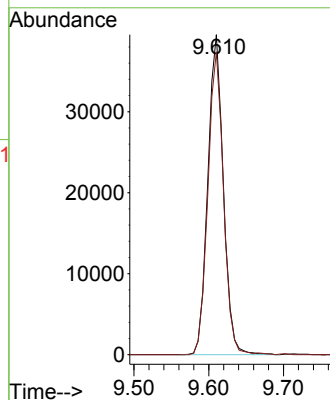
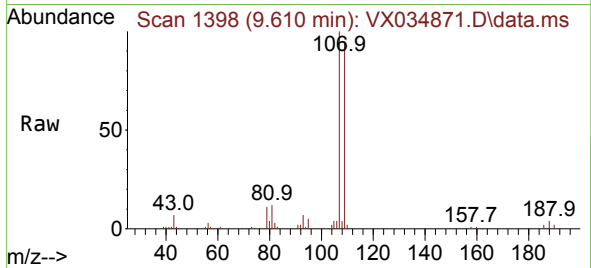




#61
1,2-Dibromoethane
Concen: 20.664 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

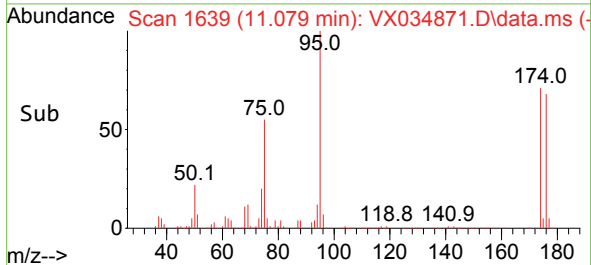
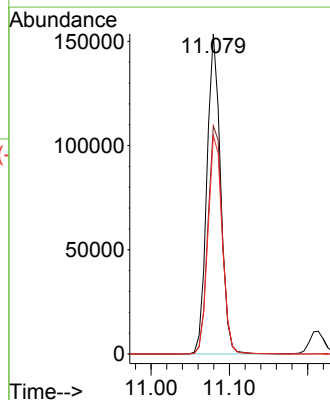
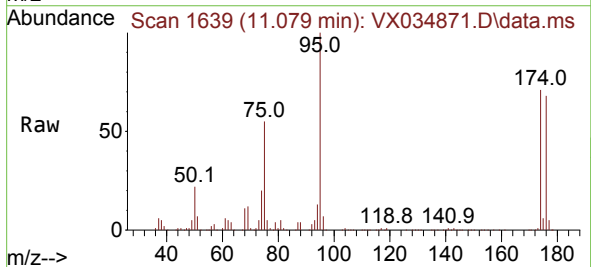
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD02

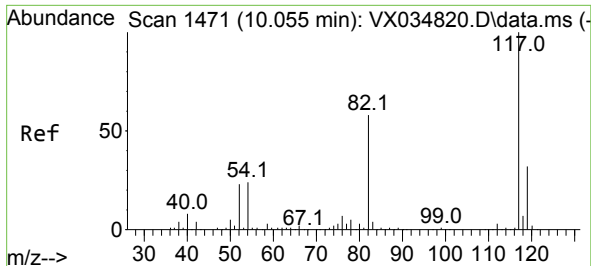
Tgt Ion:107 Resp: 56984
Ion Ratio Lower Upper
107 100
109 95.0 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 51.235 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

Tgt Ion: 95 Resp: 184916
Ion Ratio Lower Upper
95 100
174 75.2 0.0 147.4
176 71.4 0.0 140.6

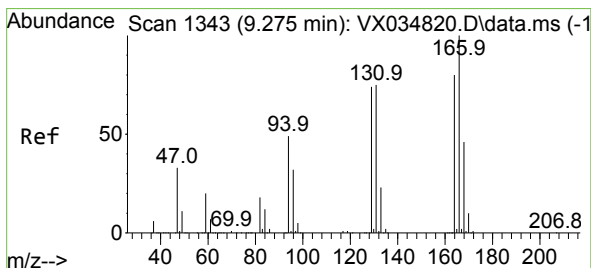
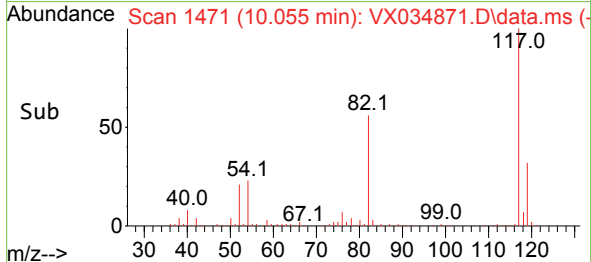
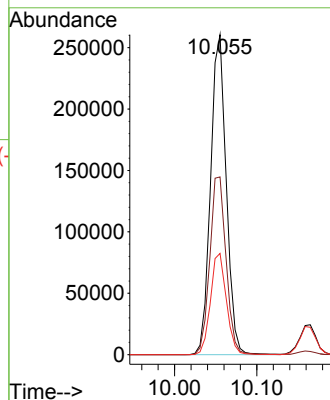
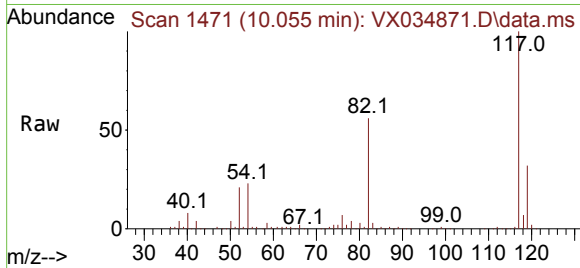




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

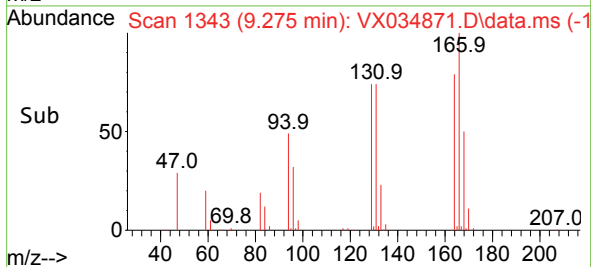
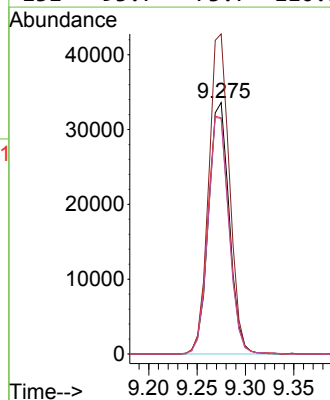
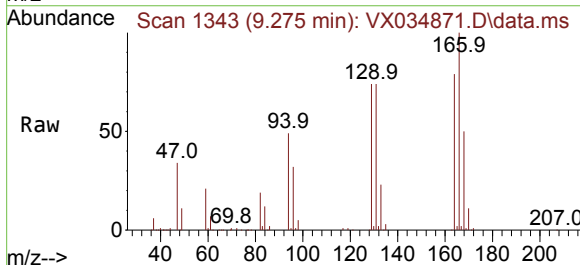
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD02

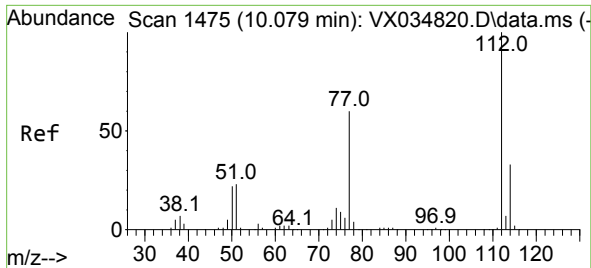
Tgt Ion:117 Resp: 345131
Ion Ratio Lower Upper
117 100
82 55.5 45.0 67.4
119 31.7 26.0 39.0



#64
Tetrachloroethene
Concen: 20.221 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

Tgt Ion:164 Resp: 49945
Ion Ratio Lower Upper
164 100
166 127.3 102.7 154.1
129 93.9 75.6 113.4
131 93.7 73.7 110.5

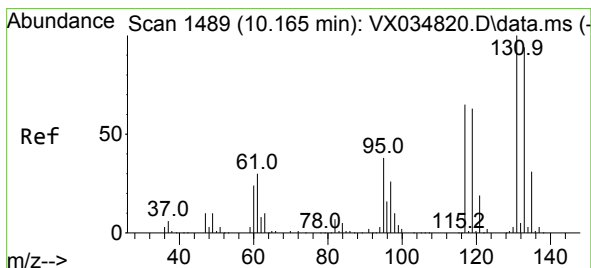
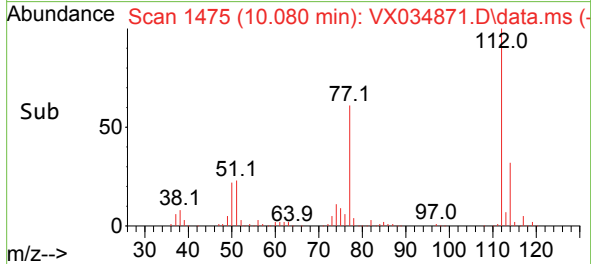
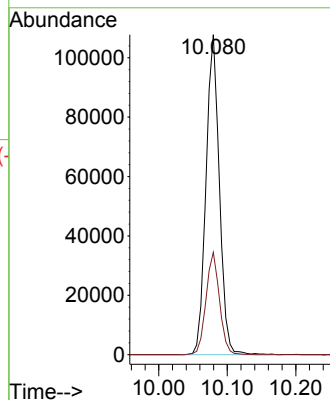
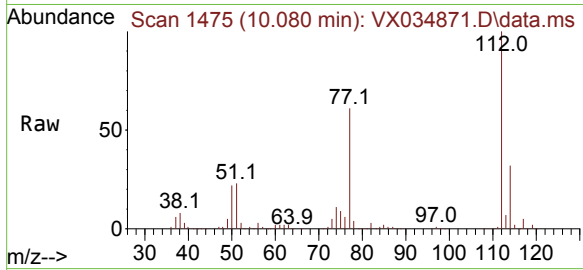




#65
Chlorobenzene
Concen: 20.374 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

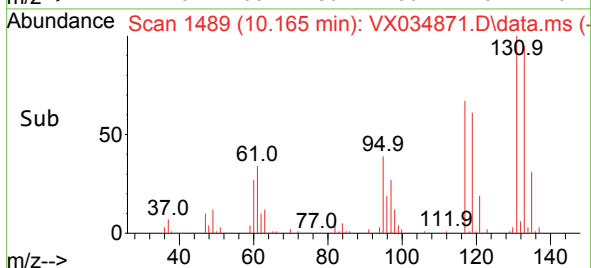
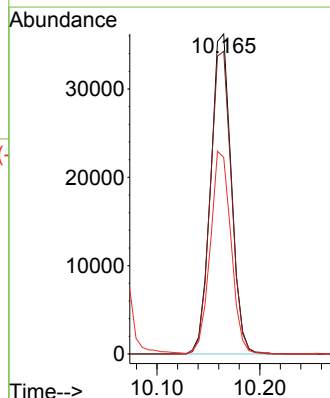
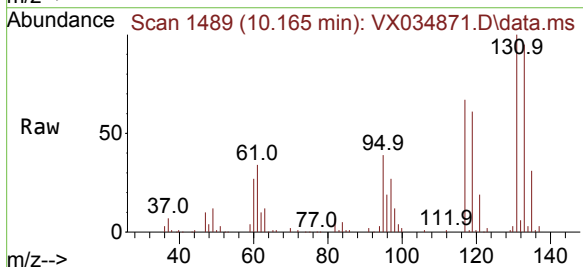
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD02

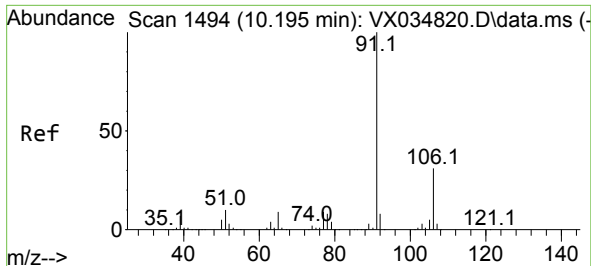
Tgt Ion:112 Resp: 146305
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.425 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

Tgt Ion:131 Resp: 50433
Ion Ratio Lower Upper
131 100
133 96.4 47.1 141.4
119 63.9 32.6 98.0





#67

Ethyl Benzene

Concen: 20.681 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX034871.D

Acq: 31 Mar 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

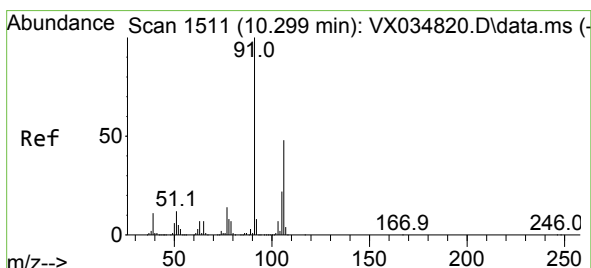
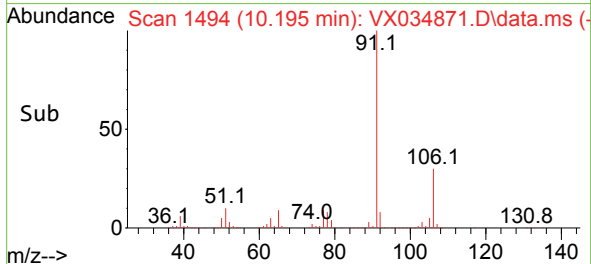
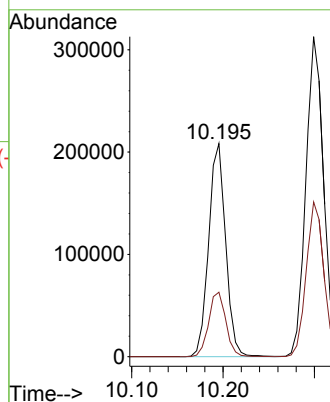
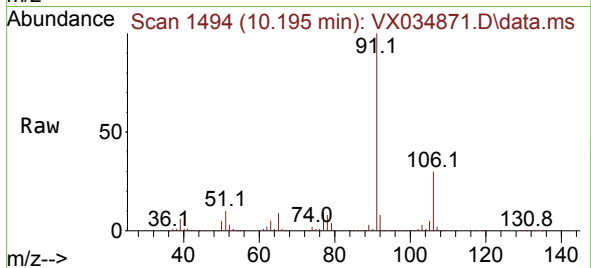
VX0331WBSD02

Tgt Ion: 91 Resp: 269031

Ion Ratio Lower Upper

91 100

106 30.2 25.6 38.4



#68

m/p-Xylenes

Concen: 41.208 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX034871.D

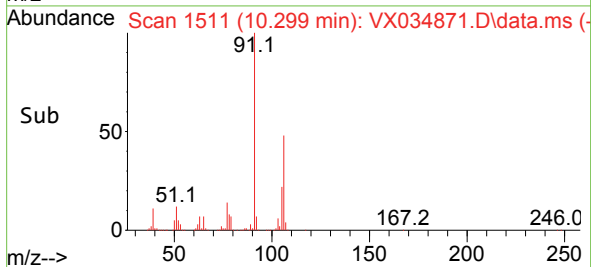
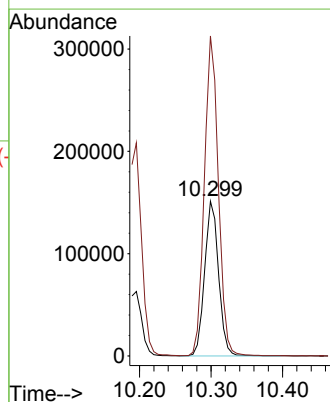
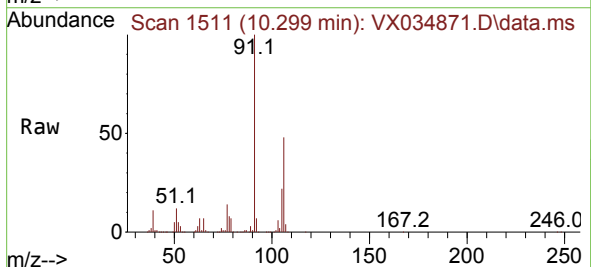
Acq: 31 Mar 2023 12:30

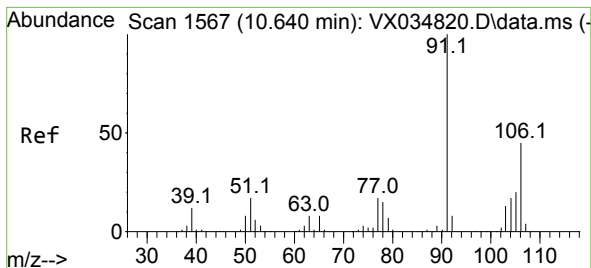
Tgt Ion: 106 Resp: 204767

Ion Ratio Lower Upper

106 100

91 207.7 164.0 246.0





#69

o-Xylene

Concen: 20.665 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX034871.D

Acq: 31 Mar 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

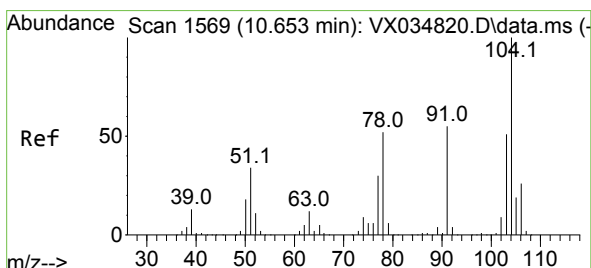
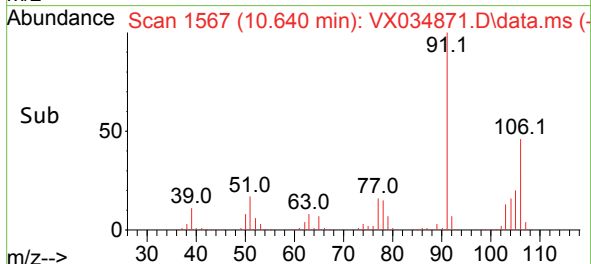
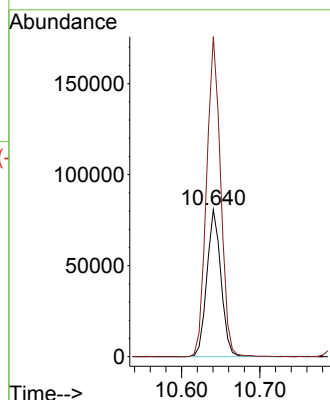
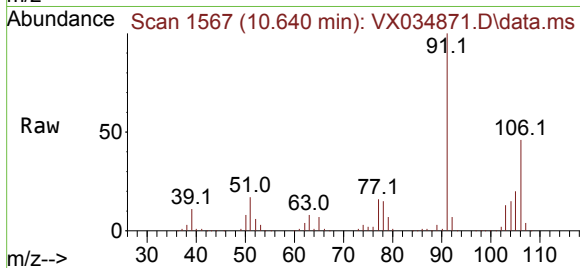
VX0331WBSD02

Tgt Ion:106 Resp: 100598

Ion Ratio Lower Upper

106 100

91 217.7 108.5 325.3



#70

Styrene

Concen: 20.956 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX034871.D

Acq: 31 Mar 2023 12:30

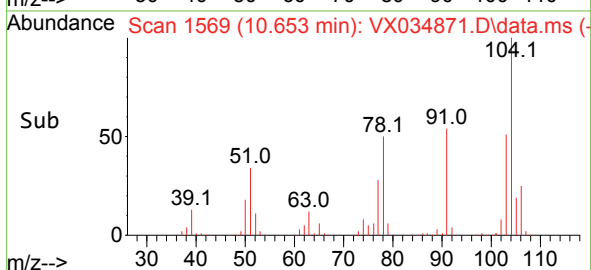
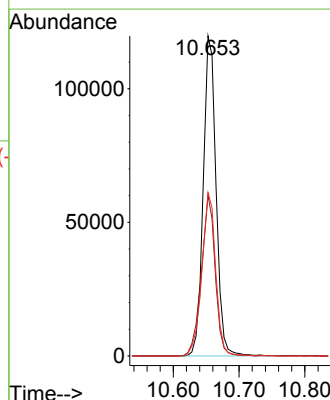
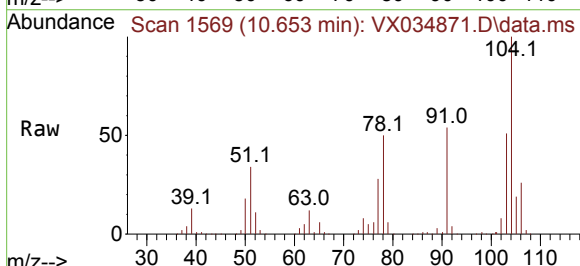
Tgt Ion:104 Resp: 162850

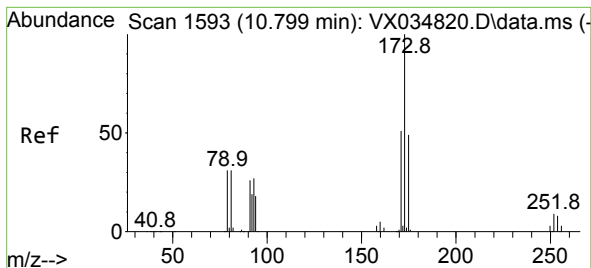
Ion Ratio Lower Upper

104 100

78 54.0 43.4 65.2

103 54.9 44.2 66.2





#71

Bromoform

Concen: 18.735 ug/l

RT: 10.799 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX034871.D

Acq: 31 Mar 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBSD02

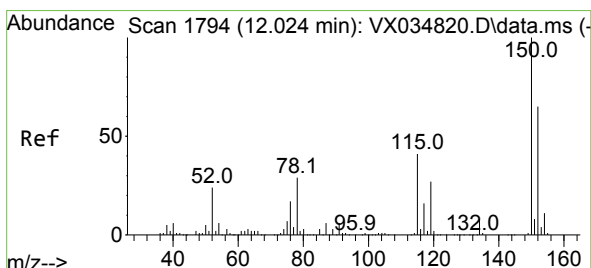
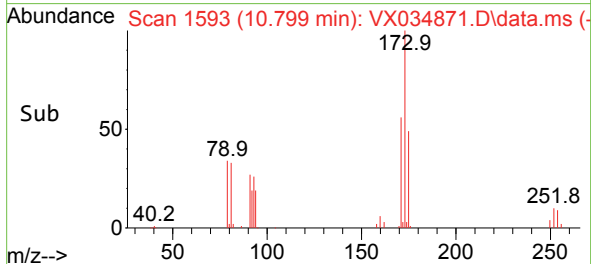
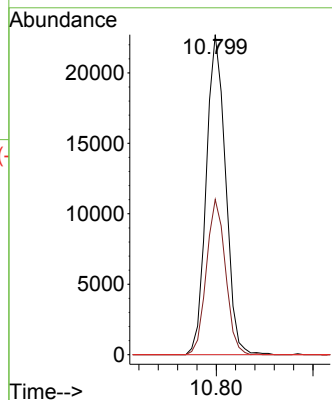
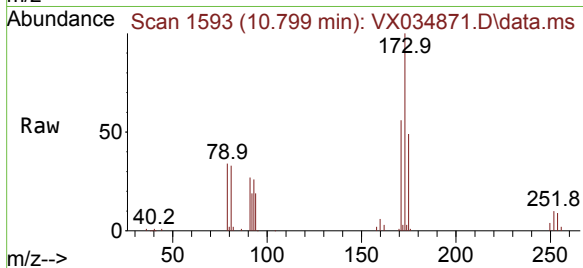
Tgt Ion:173 Resp: 31464

Ion Ratio Lower Upper

173 100

175 48.0 24.1 72.4

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX034871.D

Acq: 31 Mar 2023 12:30

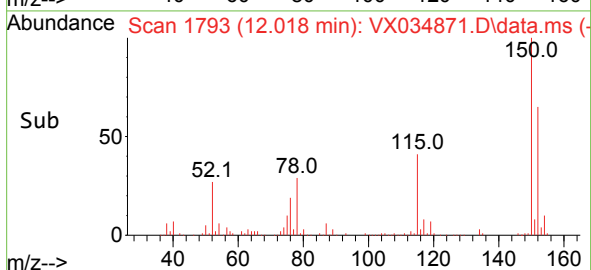
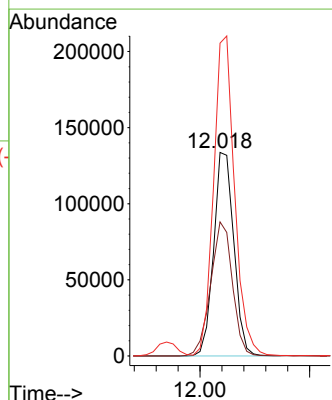
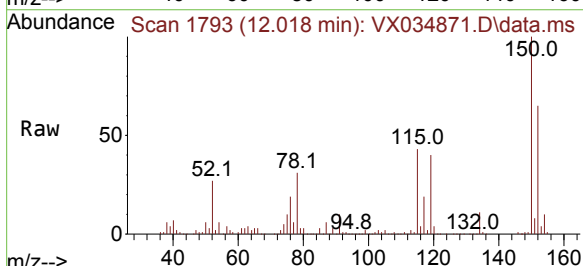
Tgt Ion:152 Resp: 170918

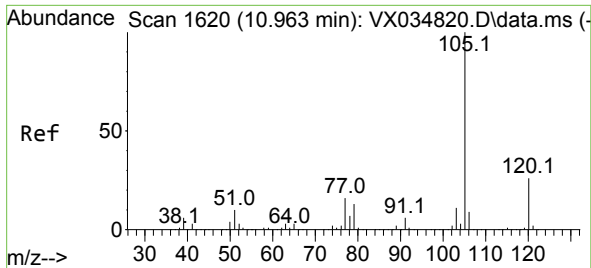
Ion Ratio Lower Upper

152 100

115 70.9 45.0 135.0

150 163.5 0.0 352.4

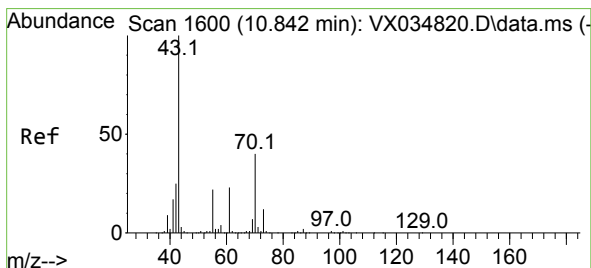
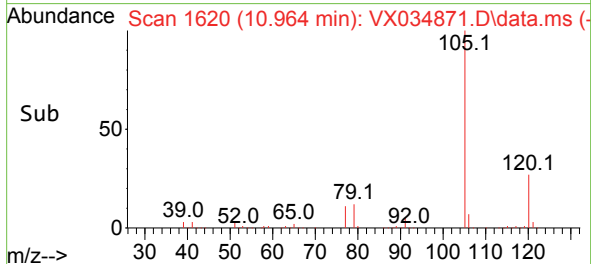
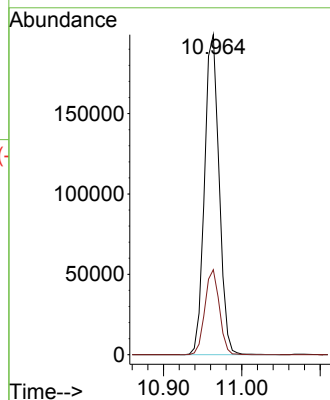
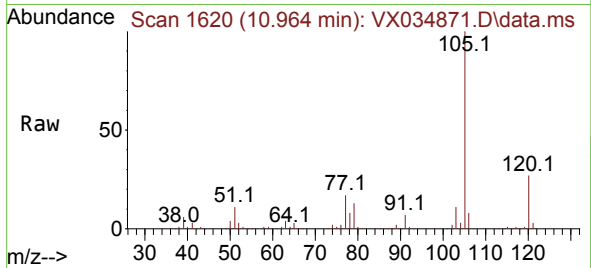




#73
Isopropylbenzene
Concen: 20.523 ug/l
RT: 10.964 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

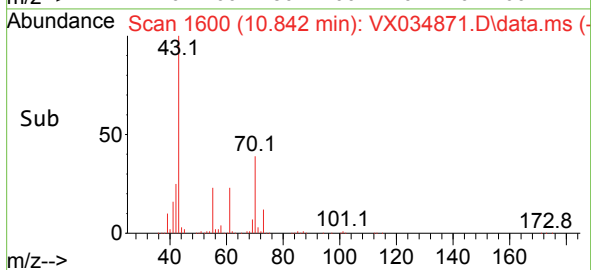
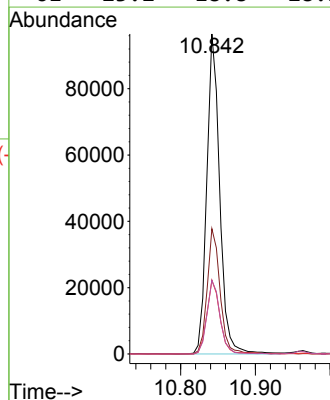
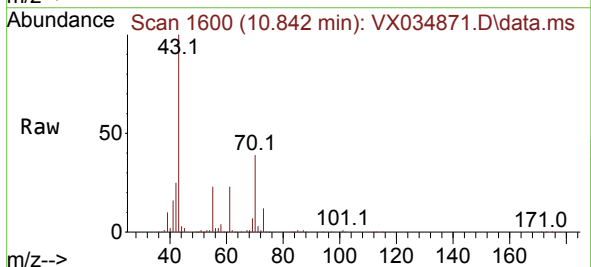
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD02

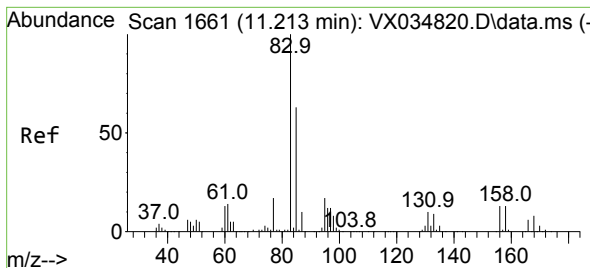
Tgt Ion:105 Resp: 256941
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.9



#74
N-ethyl acetate
Concen: 20.610 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

Tgt Ion: 43 Resp: 116018
Ion Ratio Lower Upper
43 100
70 39.1 32.1 48.1
55 23.6 18.3 27.5
61 23.2 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.198 ug/l

RT: 11.214 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX034871.D

Acq: 31 Mar 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBSD02

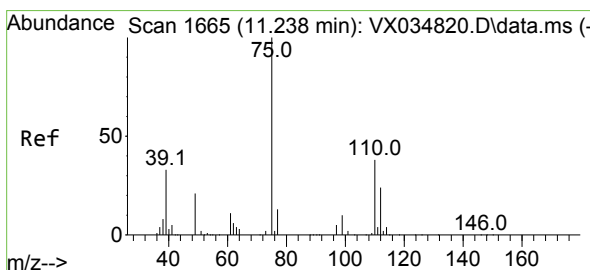
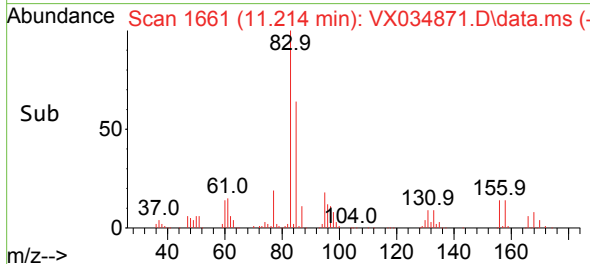
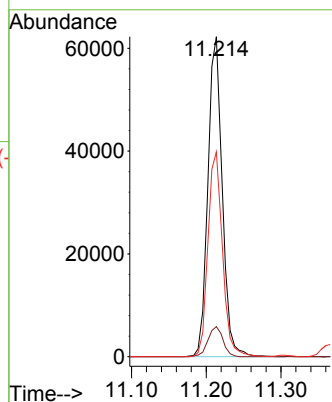
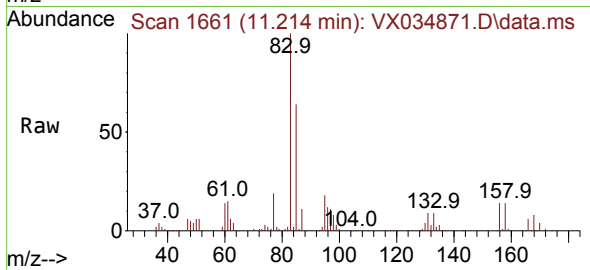
Tgt Ion: 83 Resp: 82880

Ion Ratio Lower Upper

83 100

131 9.8 4.8 14.3

85 64.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 24.763 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX034871.D

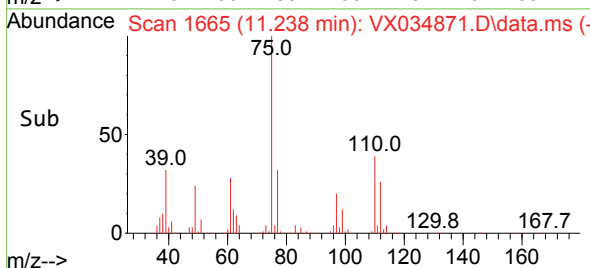
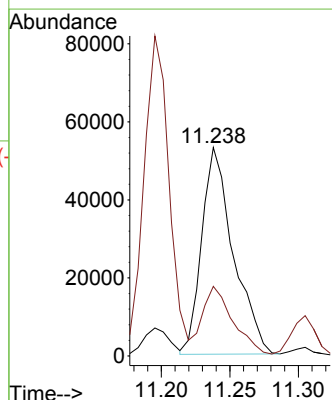
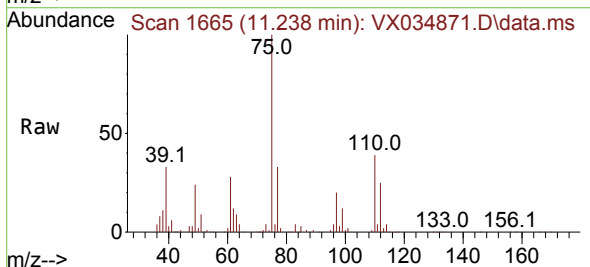
Acq: 31 Mar 2023 12:30

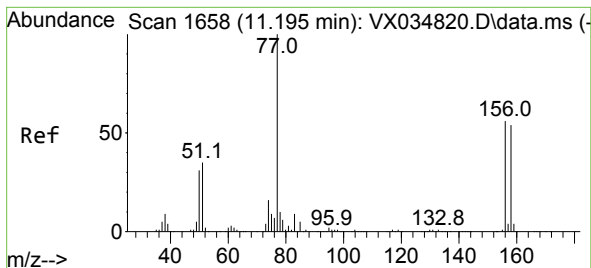
Tgt Ion: 75 Resp: 85279

Ion Ratio Lower Upper

75 100

77 33.1 21.6 64.8





#77

Bromobenzene

Concen: 19.779 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034871.D

Acq: 31 Mar 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBSD02

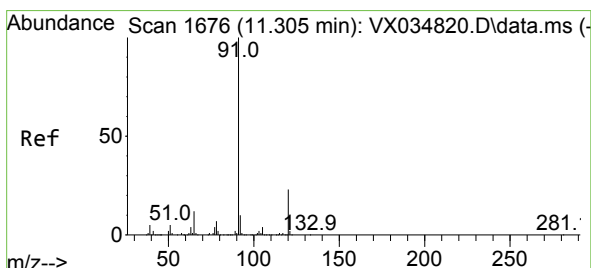
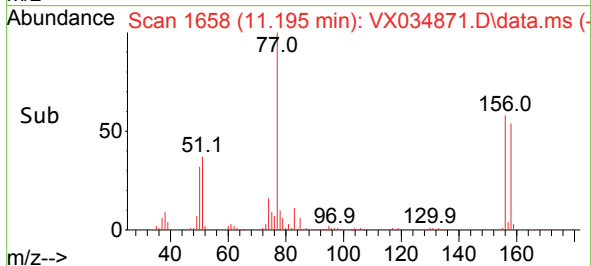
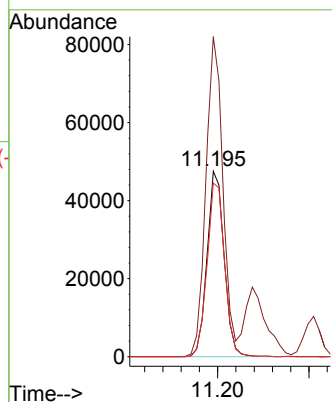
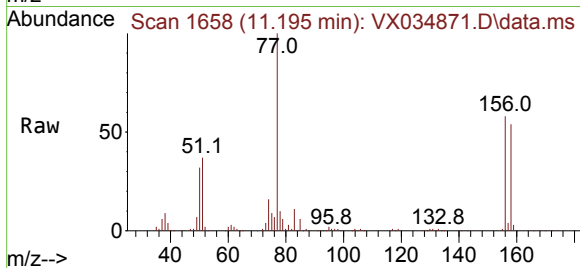
Tgt Ion:156 Resp: 61358

Ion Ratio Lower Upper

156 100

77 171.8 86.7 259.9

158 96.1 48.0 144.0



#78

n-propylbenzene

Concen: 20.967 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX034871.D

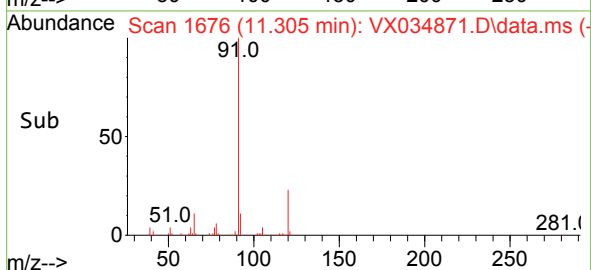
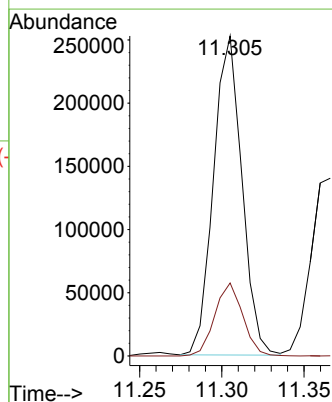
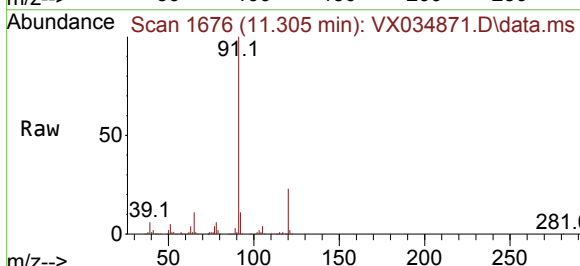
Acq: 31 Mar 2023 12:30

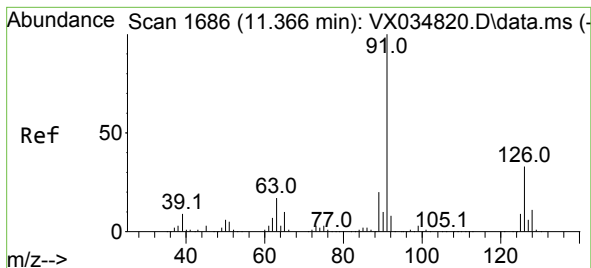
Tgt Ion: 91 Resp: 303237

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.5

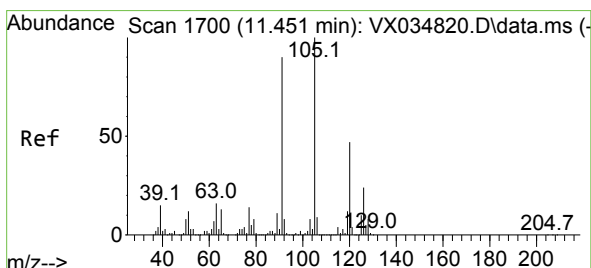
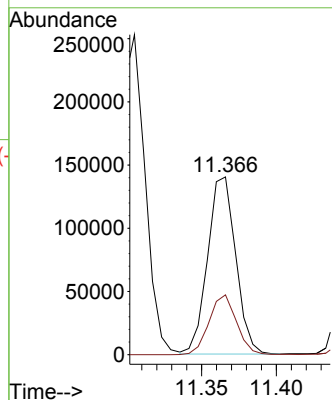
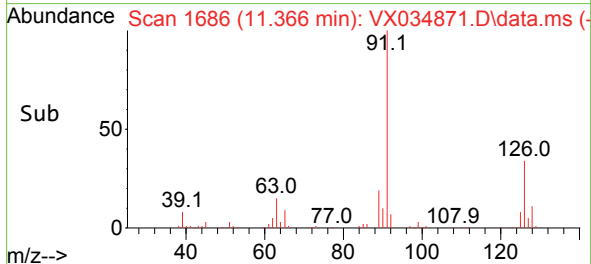
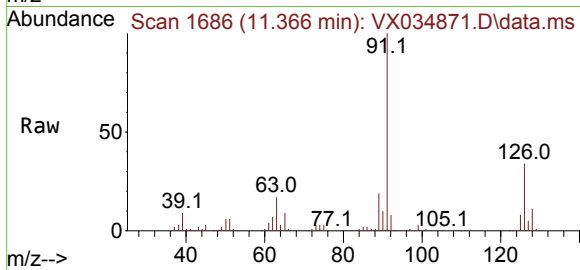




#79
2-Chlorotoluene
Concen: 20.092 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

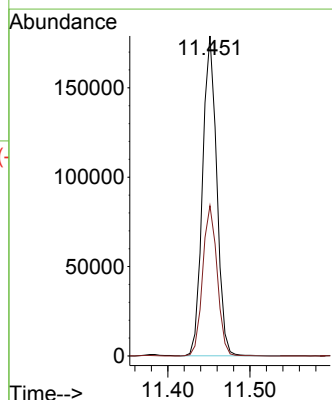
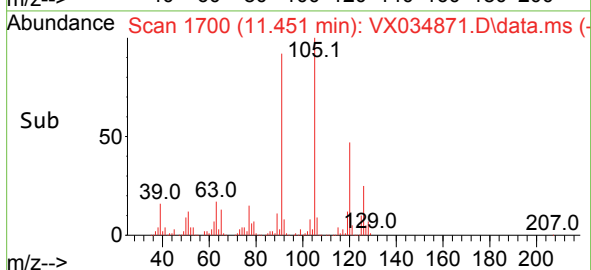
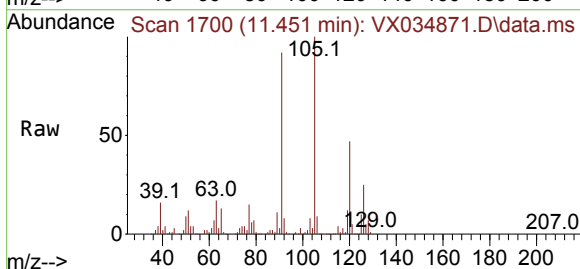
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD02

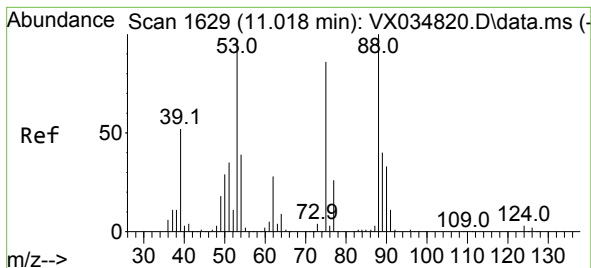
Tgt Ion: 91 Resp: 183474
Ion Ratio Lower Upper
91 100
126 33.0 16.3 48.9



#80
1,3,5-Trimethylbenzene
Concen: 20.497 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

Tgt Ion: 105 Resp: 214565
Ion Ratio Lower Upper
105 100
120 47.9 23.7 71.1

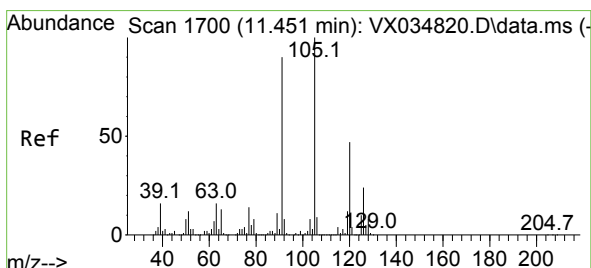
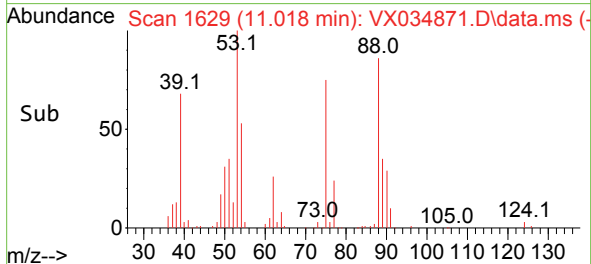
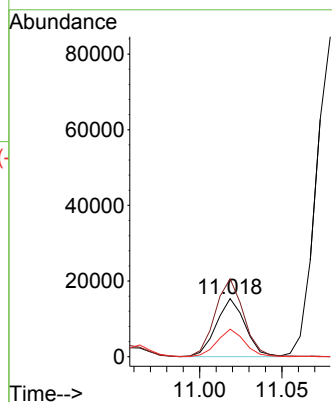
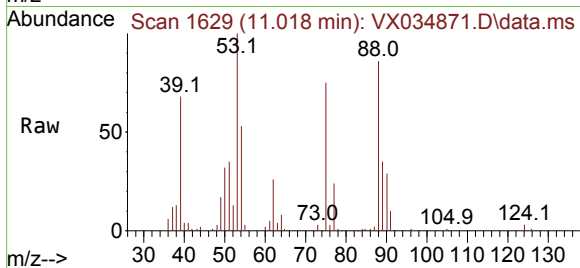




#81
 trans-1,4-Dichloro-2-butene
 Concen: 16.323 ug/l
 RT: 11.018 min Scan# 1629
 Delta R.T. 0.000 min
 Lab File: VX034871.D
 Acq: 31 Mar 2023 12:30

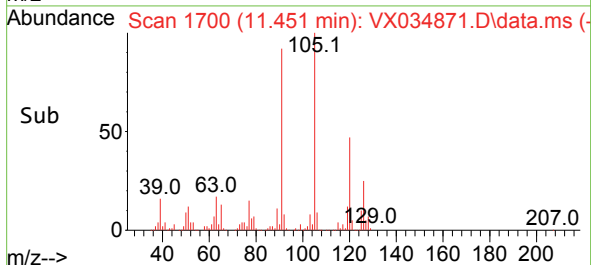
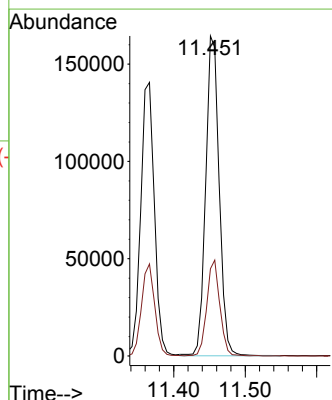
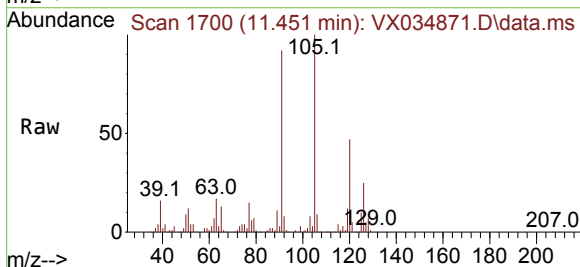
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0331WBSD02

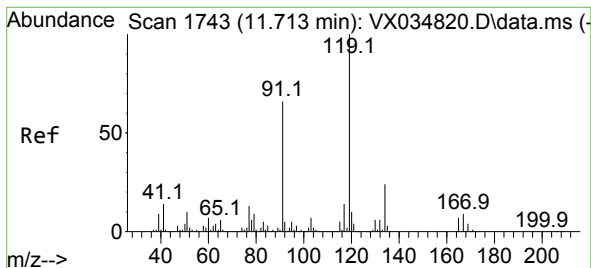
Tgt Ion: 75 Resp: 18757
 Ion Ratio Lower Upper
 75 100
 53 133.1 82.6 124.0#
 89 45.3 36.9 55.3



#82
 4-Chlorotoluene
 Concen: 20.319 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX034871.D
 Acq: 31 Mar 2023 12:30

Tgt Ion: 91 Resp: 215469
 Ion Ratio Lower Upper
 91 100
 126 28.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 20.605 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034871.D

Acq: 31 Mar 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBSD02

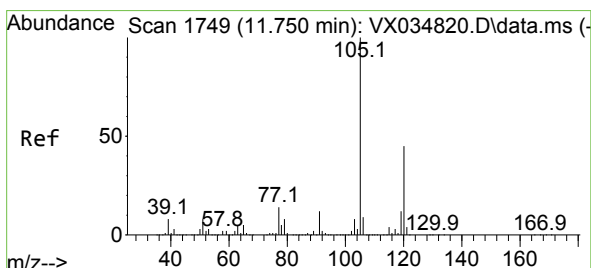
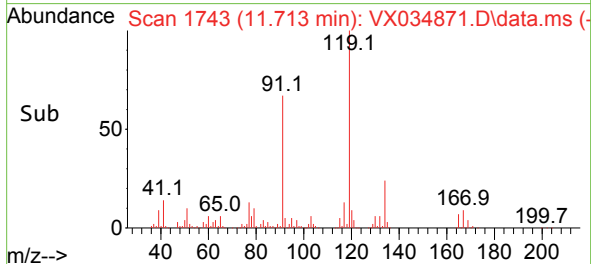
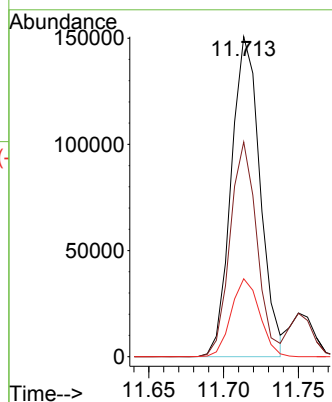
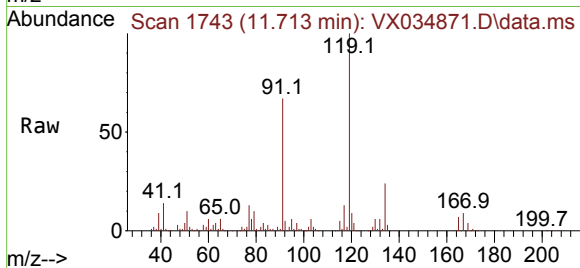
Tgt Ion:119 Resp: 202542

Ion Ratio Lower Upper

119 100

91 62.6 30.6 92.0

134 24.0 11.8 35.4



#84

1,2,4-Trimethylbenzene

Concen: 20.276 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX034871.D

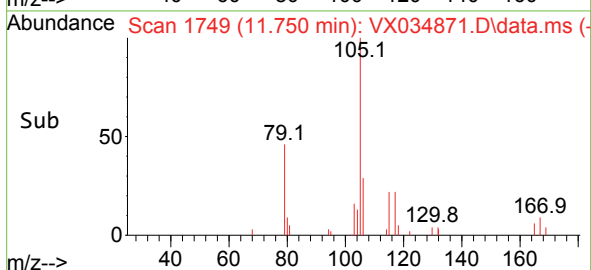
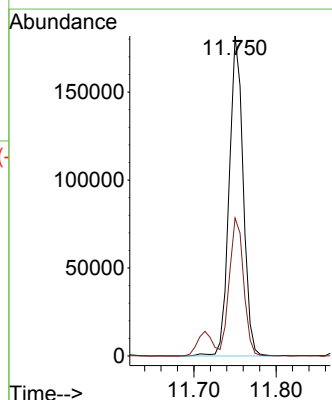
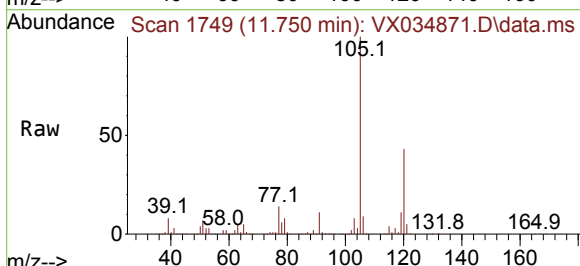
Acq: 31 Mar 2023 12:30

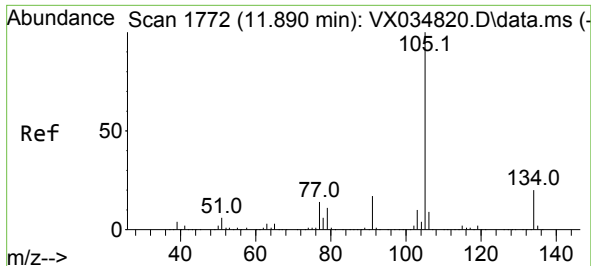
Tgt Ion:105 Resp: 215845

Ion Ratio Lower Upper

105 100

120 43.9 22.4 67.0

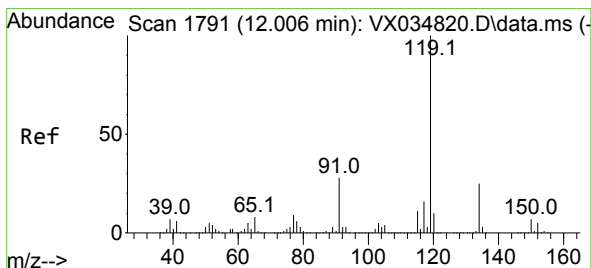
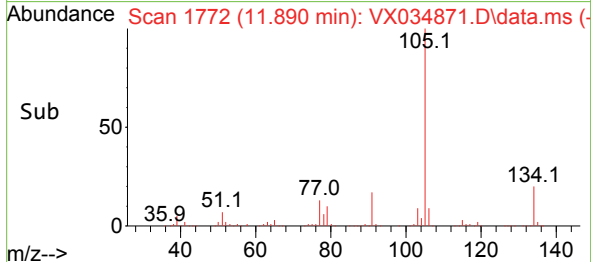
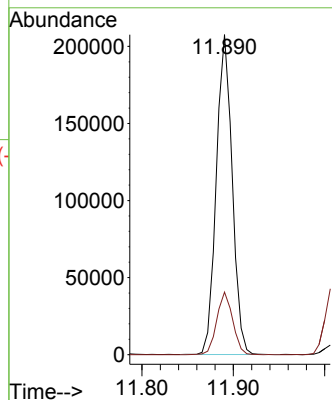
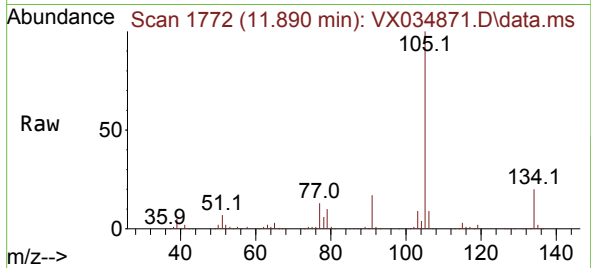




#85
 sec-Butylbenzene
 Concen: 20.950 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034871.D
 Acq: 31 Mar 2023 12:30

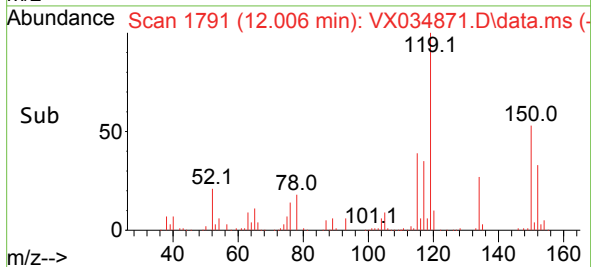
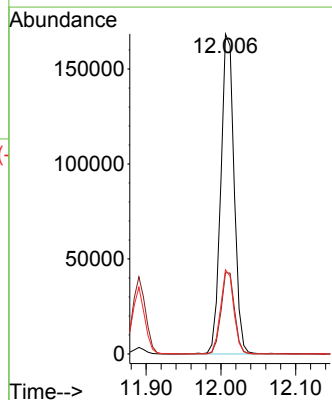
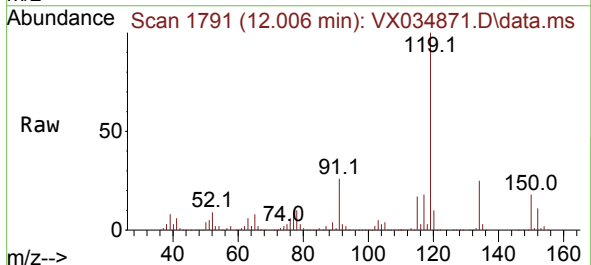
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0331WBSD02

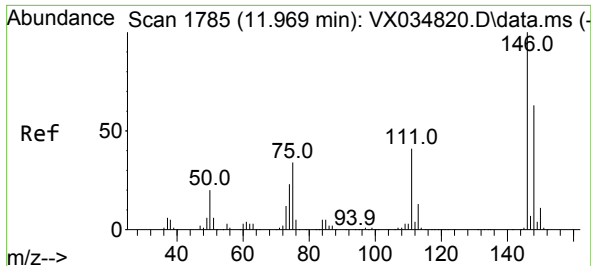
Tgt Ion:105 Resp: 250537
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 20.907 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034871.D
 Acq: 31 Mar 2023 12:30

Tgt Ion:119 Resp: 208474
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.5
 91 26.2 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 20.477 ug/l

RT: 11.970 min Scan# 1785

Delta R.T. 0.001 min

Lab File: VX034871.D

Acq: 31 Mar 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBSD02

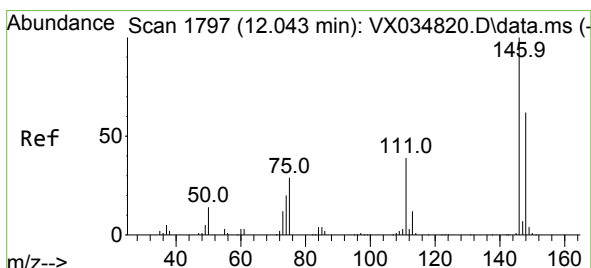
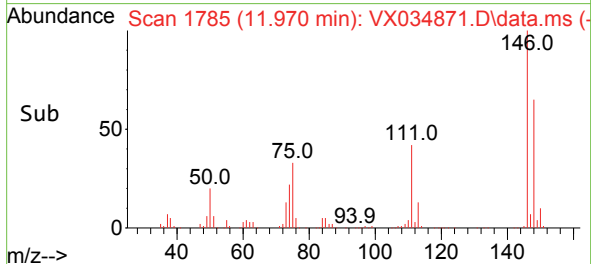
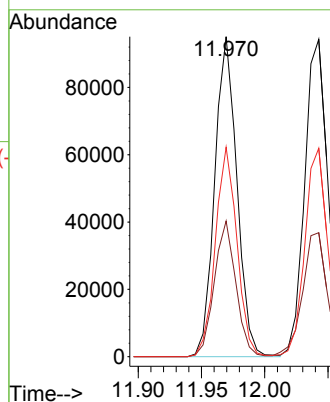
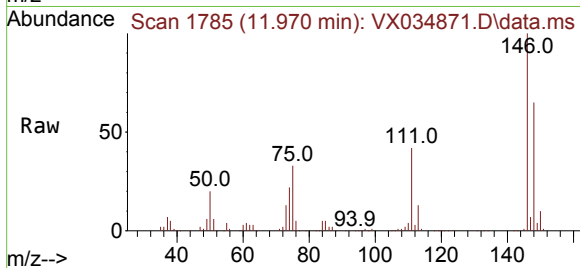
Tgt Ion:146 Resp: 115688

Ion Ratio Lower Upper

146 100

111 41.3 20.9 62.8

148 63.8 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 20.291 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX034871.D

Acq: 31 Mar 2023 12:30

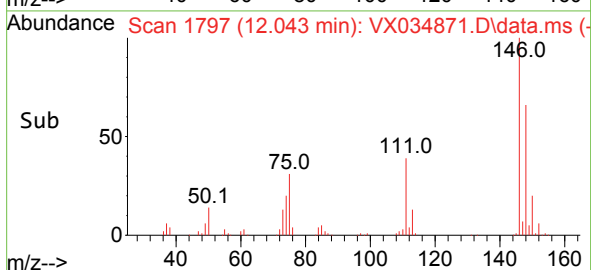
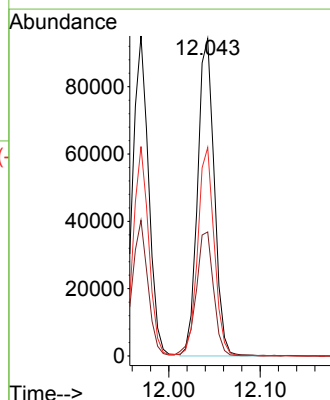
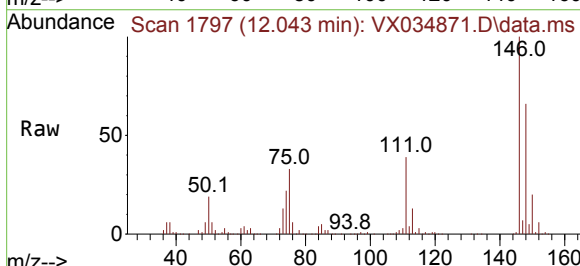
Tgt Ion:146 Resp: 119726

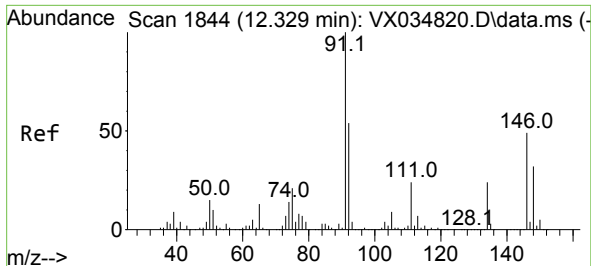
Ion Ratio Lower Upper

146 100

111 41.0 20.6 61.9

148 65.0 31.8 95.4

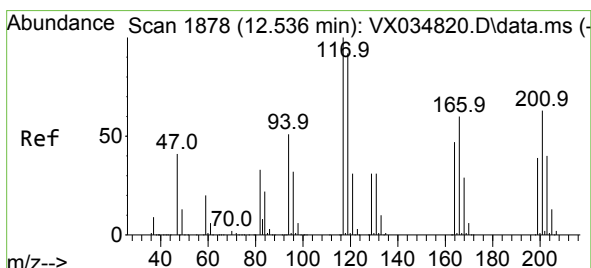
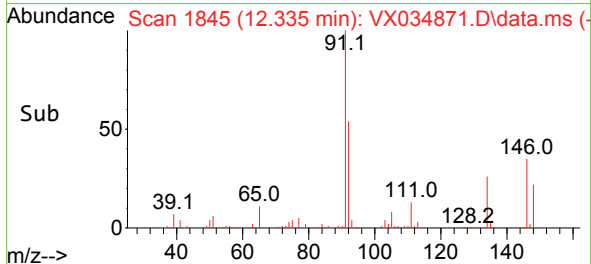
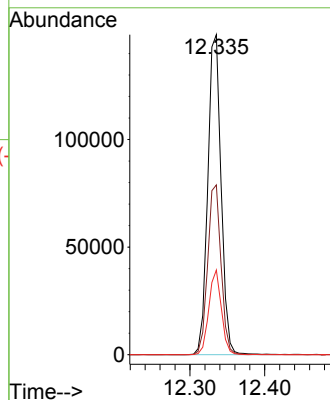
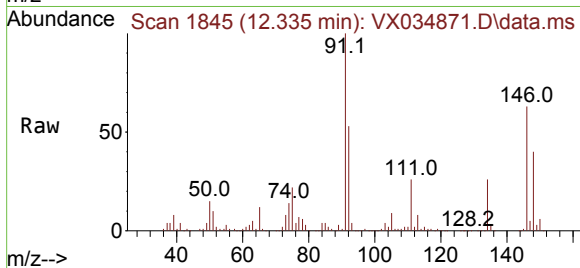




#89
n-Butylbenzene
Concen: 21.042 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

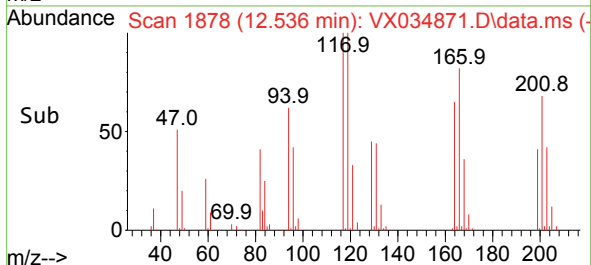
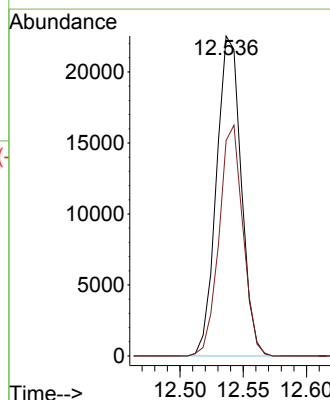
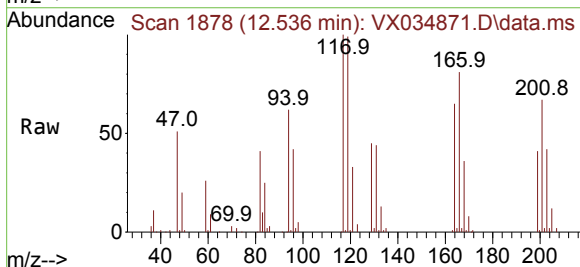
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD02

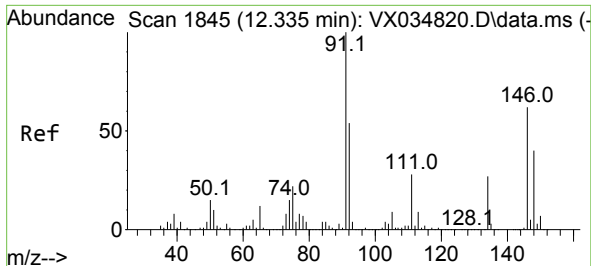
Tgt Ion: 91 Resp: 183318
Ion Ratio Lower Upper
91 100
92 53.3 27.7 83.0
134 24.9 13.0 38.9



#90
Hexachloroethane
Concen: 19.785 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

Tgt Ion: 117 Resp: 30567
Ion Ratio Lower Upper
117 100
201 69.7 34.4 103.1

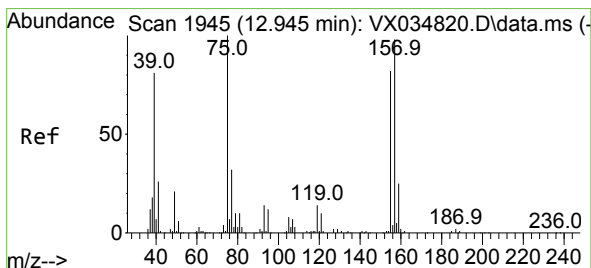
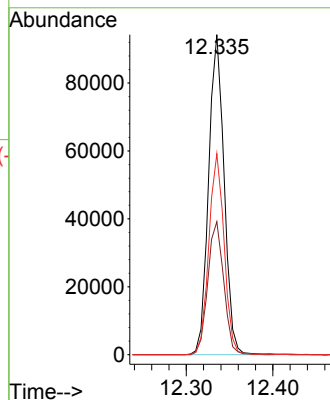
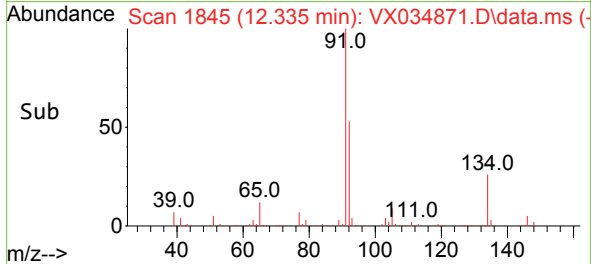
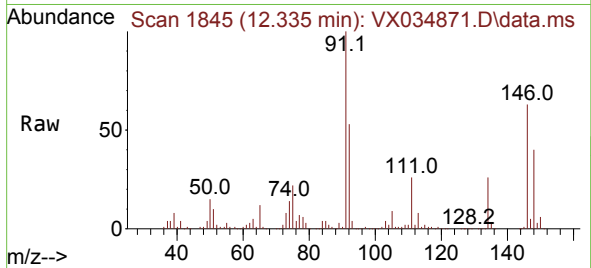




#91
1,2-Dichlorobenzene
Concen: 20.689 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

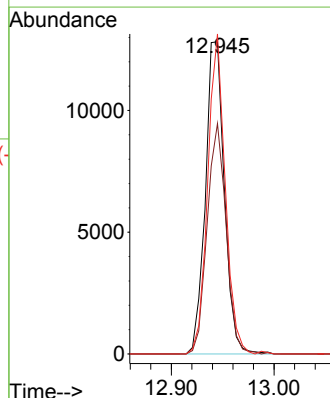
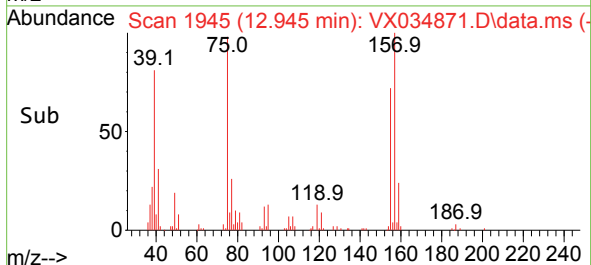
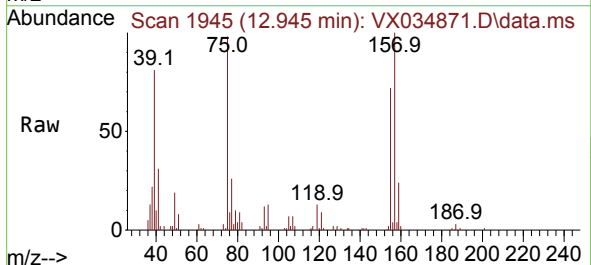
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD02

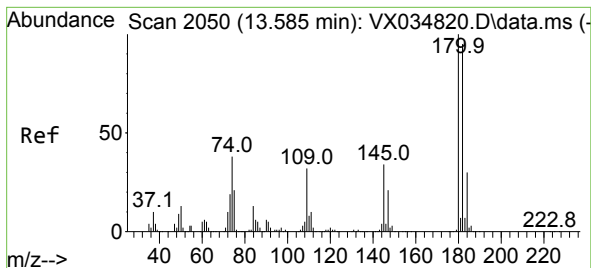
Tgt Ion:146 Resp: 117064
Ion Ratio Lower Upper
146 100
111 42.7 22.0 66.0
148 62.2 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.332 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX034871.D
Acq: 31 Mar 2023 12:30

Tgt Ion: 75 Resp: 16558
Ion Ratio Lower Upper
75 100
155 73.1 38.4 115.1
157 93.6 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 21.495 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX034871.D

Acq: 31 Mar 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBSD02

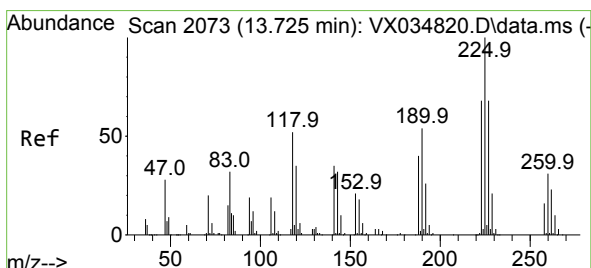
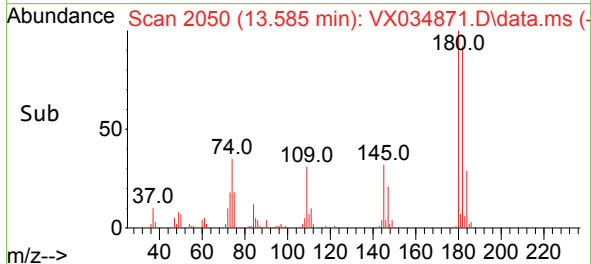
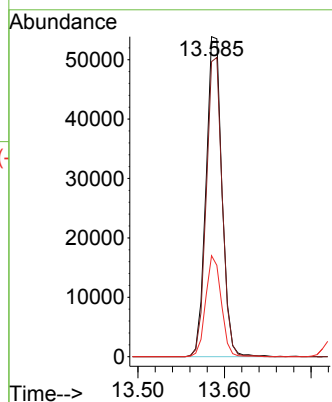
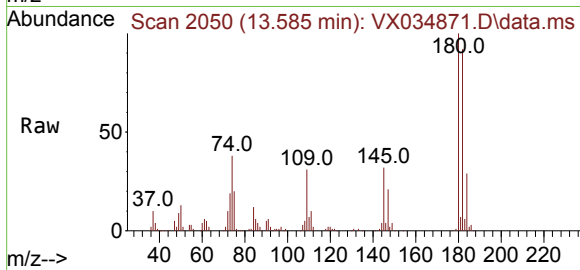
Tgt Ion:180 Resp: 68788

Ion Ratio Lower Upper

180 100

182 93.2 47.0 141.0

145 30.9 15.9 47.7



#94

Hexachlorobutadiene

Concen: 19.794 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034871.D

Acq: 31 Mar 2023 12:30

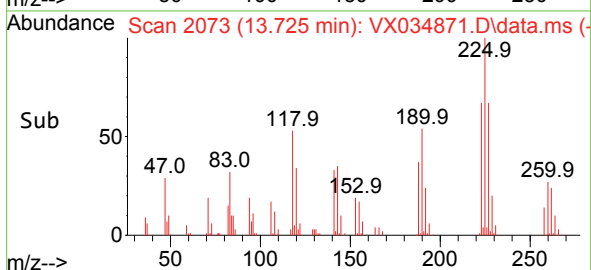
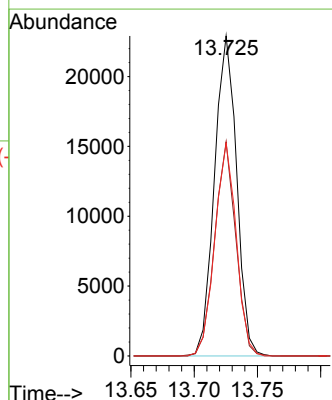
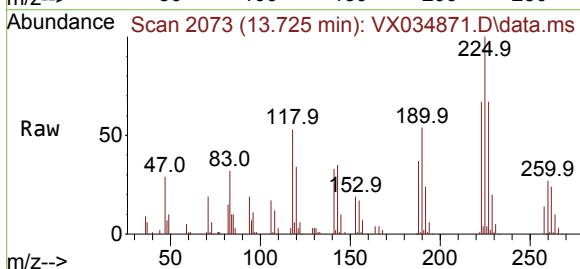
Tgt Ion:225 Resp: 27861

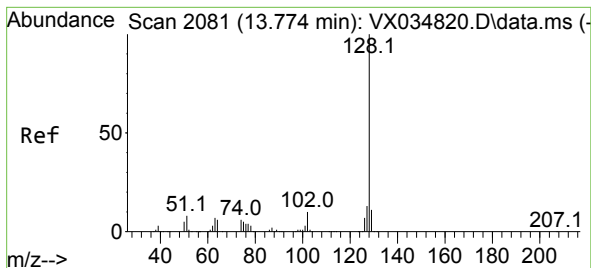
Ion Ratio Lower Upper

225 100

223 63.8 32.1 96.5

227 64.4 31.8 95.4





#95

Naphthalene

Concen: 21.086 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX034871.D

Acq: 31 Mar 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBSD02

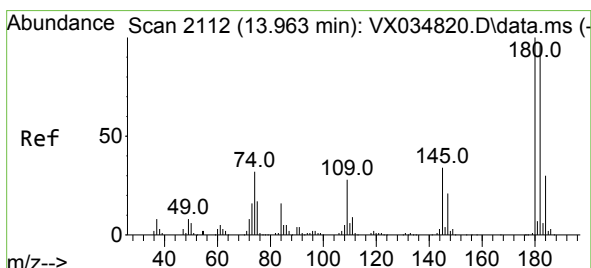
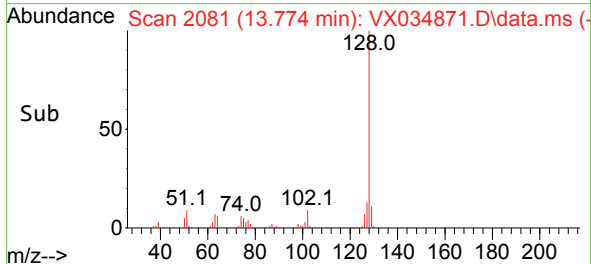
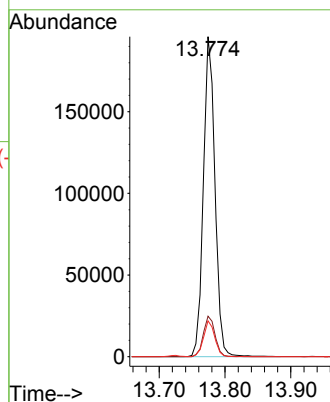
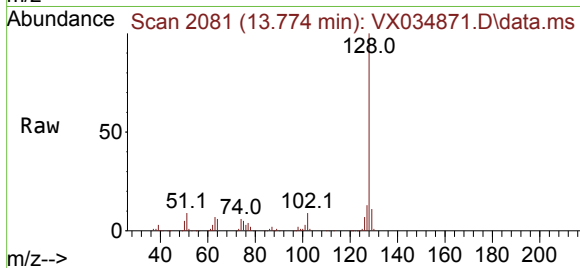
Tgt Ion:128 Resp: 239765

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.221 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX034871.D

Acq: 31 Mar 2023 12:30

Tgt Ion:180 Resp: 68485

Ion Ratio Lower Upper

180 100

182 94.7 48.0 144.2

145 33.6 17.7 53.1

