

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013024\
 Data File : VX040014.D
 Acq On : 30 Jan 2024 12:28
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 31 05:08:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 04:54:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	96035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	166785	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78289	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	214290	138.649	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 277.300%#	
35) Dibromofluoromethane	5.385	113	169925	149.666	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 299.340%#	
50) Toluene-d8	8.647	98	620340	146.102	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 292.200%#	
62) 4-Bromofluorobenzene	11.079	95	252405	154.385	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 308.760%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	185216	171.231	ug/l	98
3) Chloromethane	1.294	50	179581	175.060	ug/l	99
4) Vinyl Chloride	1.374	62	144126	151.915	ug/l	100
5) Bromomethane	1.599	94	141338	153.249	ug/l	100
6) Chloroethane	1.666	64	106812	170.536	ug/l	99
7) Trichlorofluoromethane	1.874	101	280444	185.790	ug/l	97
8) Diethyl Ether	2.136	74	80405	150.667	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	169551	150.543	ug/l	98
10) Methyl Iodide	2.447	142	196168	163.621	ug/l	94
11) Tert butyl alcohol	2.989	59	224212	799.500	ug/l	# 91
12) 1,1-Dichloroethene	2.313	96	166849	154.468	ug/l	92
13) Acrolein	2.239	56	227636	847.213	ug/l	100
14) Allyl chloride	2.660	41	292319	150.137	ug/l	98
15) Acrylonitrile	3.069	53	521224	741.958	ug/l	99
16) Acetone	2.380	43	475801	657.029	ug/l	94
17) Carbon Disulfide	2.508	76	478785	151.604	ug/l	99
18) Methyl Acetate	2.703	43	277502	161.755	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	555300	150.077	ug/l	99
20) Methylene Chloride	2.788	84	184955	143.717	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	176452	148.334	ug/l	94
22) Diisopropyl ether	3.764	45	563462	149.403	ug/l	# 85
23) Vinyl Acetate	3.721	43	2594696	768.745	ug/l	98
24) 1,1-Dichloroethane	3.605	63	322569	149.337	ug/l	99
25) 2-Butanone	4.556	43	732134	727.284	ug/l	95
26) 2,2-Dichloropropane	4.471	77	265734	157.669	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	203937	153.647	ug/l	95
28) Bromochloromethane	4.897	49	149099	148.030	ug/l	98
29) Tetrahydrofuran	5.001	42	480347	750.458	ug/l	97
30) Chloroform	5.093	83	336354	145.018	ug/l	97
31) Cyclohexane	5.471	56	283728	146.553	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	296235	148.824	ug/l	99
36) 1,1-Dichloropropene	5.690	75	247054	150.457	ug/l	98
37) Ethyl Acetate	4.715	43	280985	156.690	ug/l	98
38) Carbon Tetrachloride	5.672	117	248090	157.906	ug/l	97
39) Methylcyclohexane	7.379	83	303611	151.972	ug/l	95
40) Benzene	6.038	78	700048	146.377	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	151405	166.484	ug/l	94
42) 1,2-Dichloroethane	6.086	62	262603	142.641	ug/l	99
43) Isopropyl Acetate	6.342	43	452635	160.059	ug/l	99
44) Trichloroethene	7.123	130	186386	148.097	ug/l	95
45) 1,2-Dichloropropane	7.428	63	186305	147.542	ug/l	98
46) Dibromomethane	7.580	93	137725	145.311	ug/l	98
47) Bromodichloromethane	7.818	83	265379	157.211	ug/l	99
48) Methyl methacrylate	7.690	41	222844	159.967	ug/l	91
49) 1,4-Dioxane	7.659	88	95428	3152.368	ug/l #	90
51) 4-Methyl-2-Pentanone	8.580	43	1488682	771.165	ug/l	100
52) Toluene	8.720	92	441522	148.119	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	288840	164.979	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	304526	163.008	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	183458	148.688	ug/l	94
56) Ethyl methacrylate	9.116	69	303964	168.703	ug/l	96
57) 1,3-Dichloropropane	9.305	76	305065	150.104	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	715331	789.512	ug/l	97
59) 2-Hexanone	9.433	43	1190680	773.586	ug/l	99
60) Dibromochloromethane	9.519	129	199421	160.851	ug/l	100
61) 1,2-Dibromoethane	9.610	107	199113	149.266	ug/l	99
64) Tetrachloroethene	9.275	164	142837	140.699	ug/l	94
65) Chlorobenzene	10.079	112	473554	146.841	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	174079	159.838	ug/l	99
67) Ethyl Benzene	10.195	91	879106	151.930	ug/l	99
68) m/p-Xylenes	10.299	106	656962	301.799	ug/l	98
69) o-Xylene	10.640	106	331928	160.752	ug/l	99
70) Styrene	10.653	104	562988	161.773	ug/l	99
71) Bromoform	10.799	173	148130	149.988	ug/l #	100
73) Isopropylbenzene	10.963	105	874628	155.579	ug/l	99
74) N-amyl acetate	10.842	43	445323	149.926	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	315841	149.432	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	354324	212.529	ug/l	90
77) Bromobenzene	11.195	156	202017	155.781	ug/l	99
78) n-propylbenzene	11.305	91	1080977	156.256	ug/l	99
79) 2-Chlorotoluene	11.366	91	624039	149.838	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	749887	155.174	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	101302	150.154	ug/l	89
82) 4-Chlorotoluene	11.451	91	736802	154.139	ug/l	100
83) tert-Butylbenzene	11.713	119	720423	155.789	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	763404	158.309	ug/l	99
85) sec-Butylbenzene	11.890	105	959570	156.622	ug/l	99
86) p-Isopropyltoluene	12.006	119	794840	158.875	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	395144	151.044	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	400071	149.393	ug/l	99
89) n-Butylbenzene	12.329	91	782904	161.228	ug/l	97
90) Hexachloroethane	12.536	117	144712	150.104	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	371578	147.312	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	77259	161.256	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	246198	156.140	ug/l	98
94) Hexachlorobutadiene	13.725	225	91098	146.670	ug/l	99
95) Naphthalene	13.774	128	887193	165.661	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	240150	154.041	ug/l	98

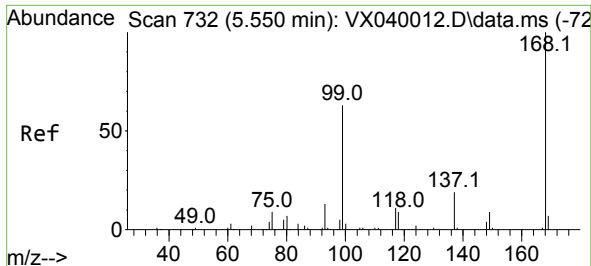
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Response via : Initial Calibration

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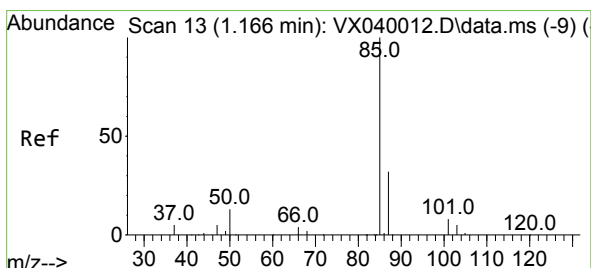
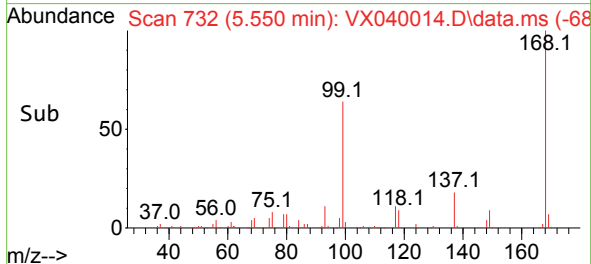
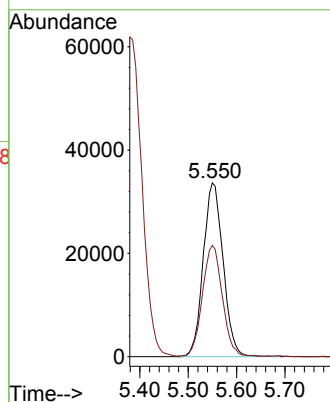
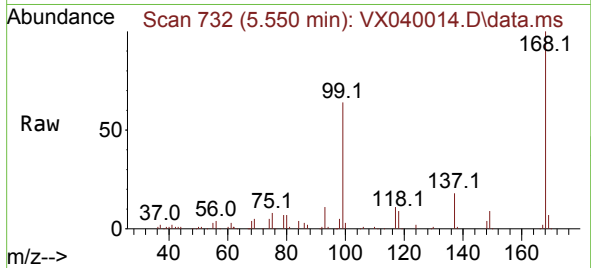
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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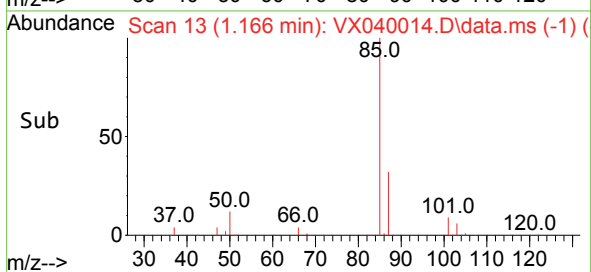
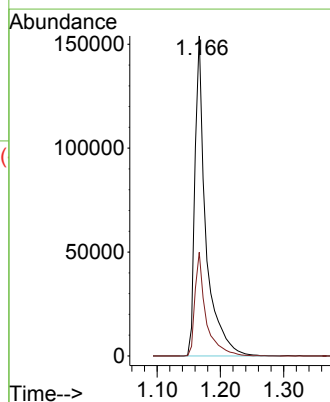
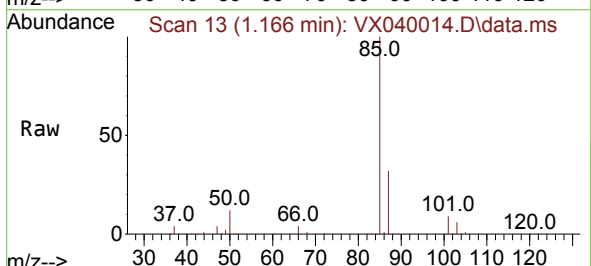
Instrument :
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ClientSampleId :
VSTDIC150

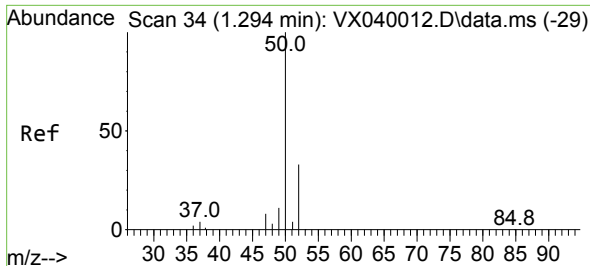
Tgt Ion:168 Resp: 96035
Ion Ratio Lower Upper
168 100
99 63.4 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 171.231 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

Tgt Ion: 85 Resp: 185216
Ion Ratio Lower Upper
85 100
87 32.4 16.7 50.1

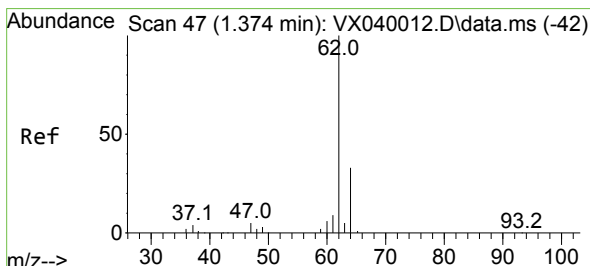
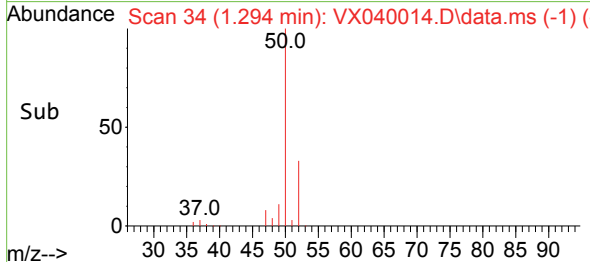
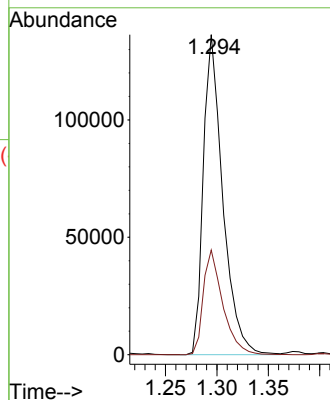
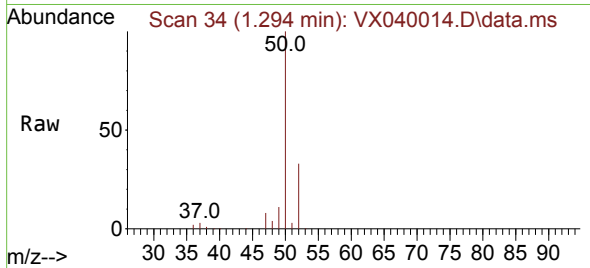




#3
Chloromethane
Concen: 175.060 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

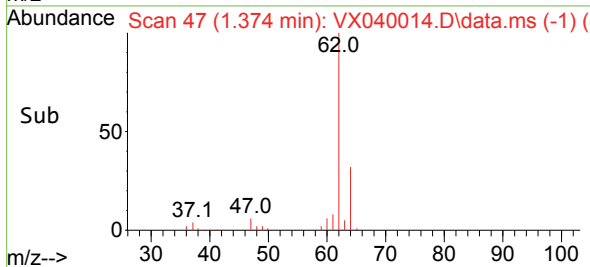
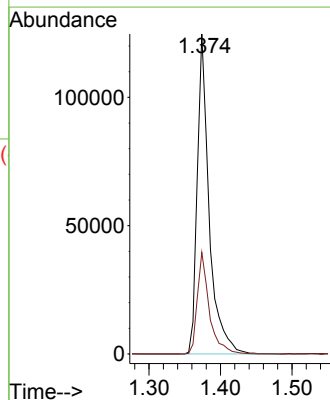
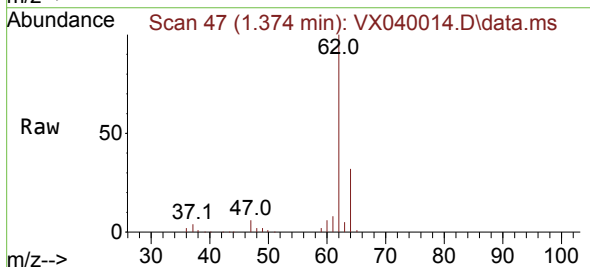
Instrument :
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ClientSampleId :
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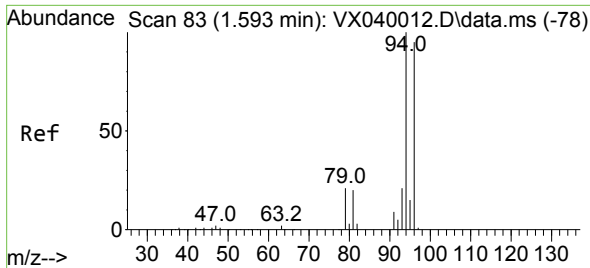
Tgt Ion: 50 Resp: 179581
Ion Ratio Lower Upper
50 100
52 32.7 25.5 38.3



#4
Vinyl Chloride
Concen: 151.915 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

Tgt Ion: 62 Resp: 144126
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0

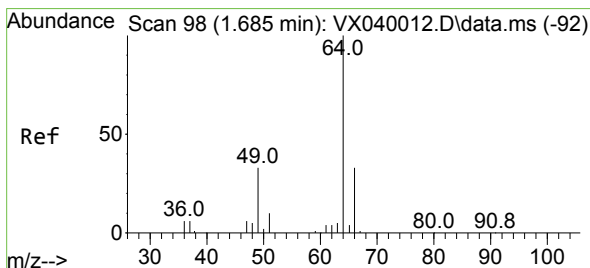
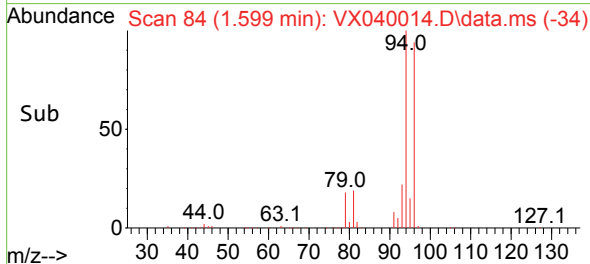
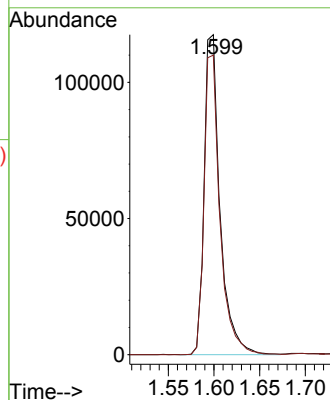
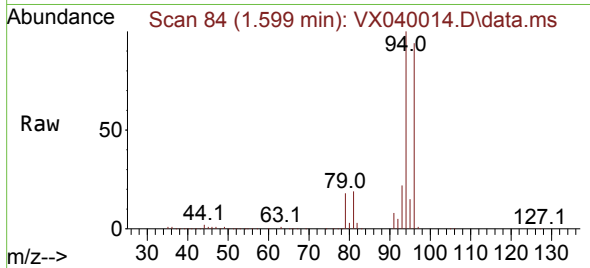




#5
Bromomethane
Concen: 153.249 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

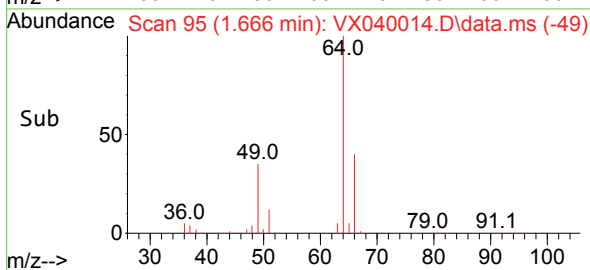
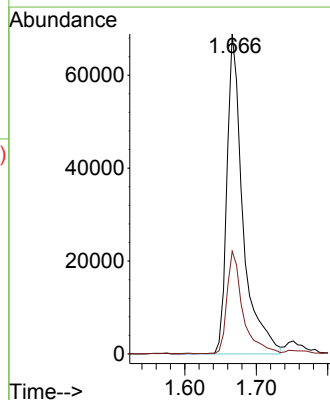
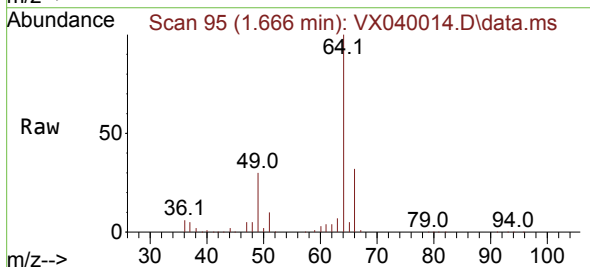
Instrument :
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Tgt Ion: 94 Resp: 141338
Ion Ratio Lower Upper
94 100
96 93.6 74.6 111.8



#6
Chloroethane
Concen: 170.536 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.018 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

Tgt Ion: 64 Resp: 106812
Ion Ratio Lower Upper
64 100
66 32.0 25.1 37.7

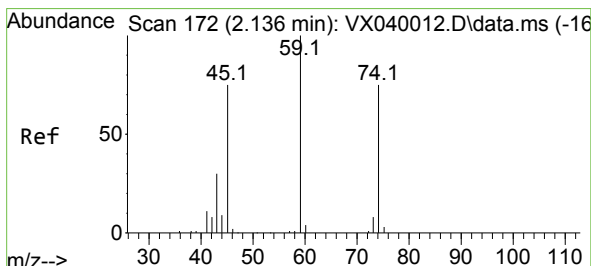
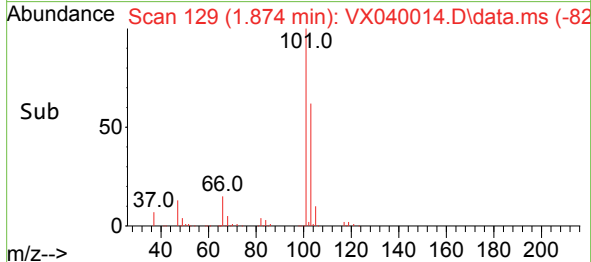
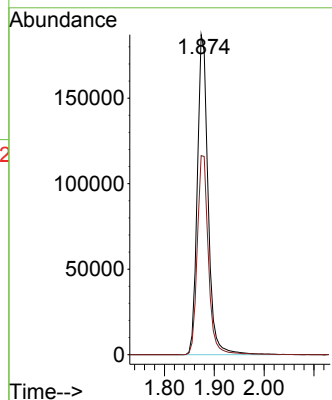
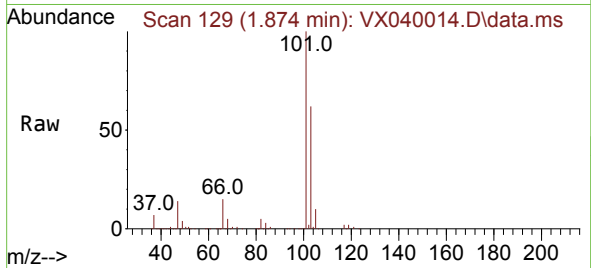




#7
Trichlorofluoromethane
Concen: 185.790 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.012 min
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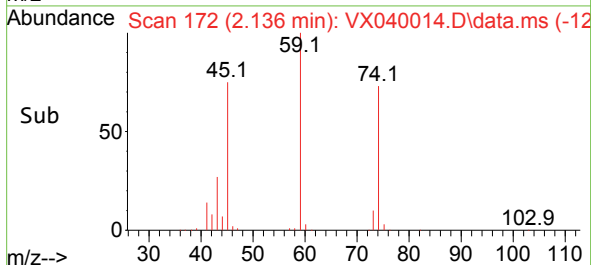
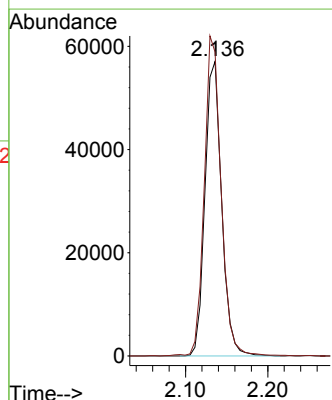
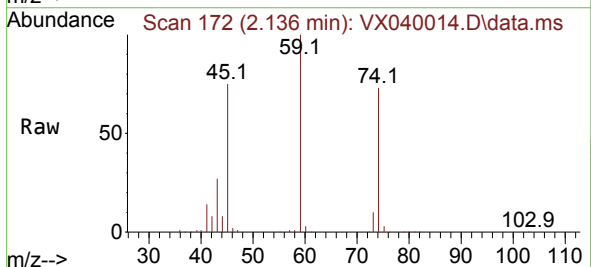
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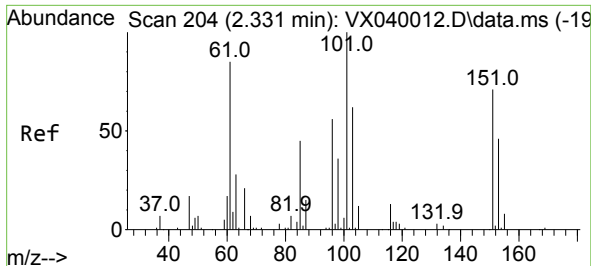
Tgt Ion:101 Resp: 280444
Ion Ratio Lower Upper
101 100
103 62.2 51.4 77.2



#8
Diethyl Ether
Concen: 150.667 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

Tgt Ion: 74 Resp: 80405
Ion Ratio Lower Upper
74 100
45 109.8 53.3 159.8

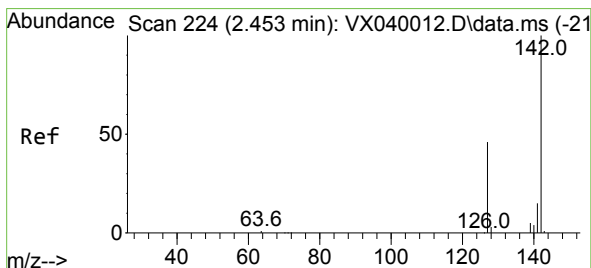
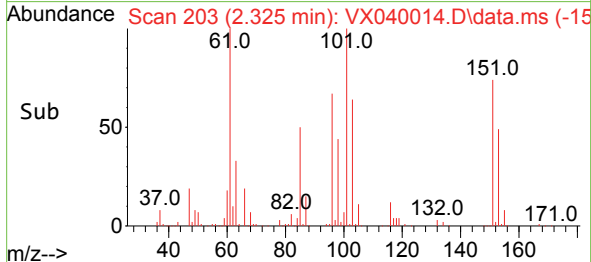
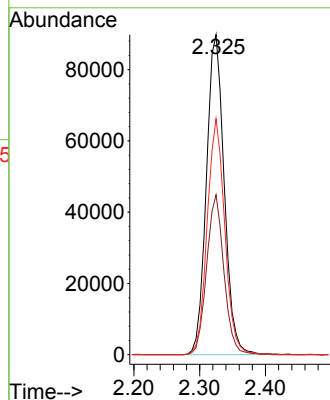
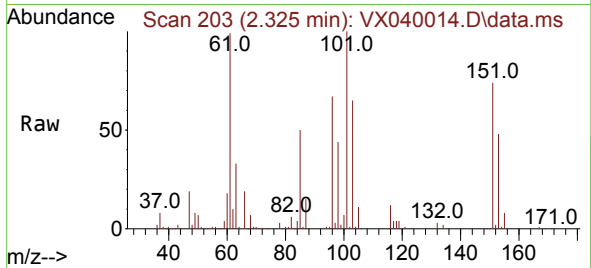




#9
1,1,2-Trichlorotrifluoroethane
Concen: 150.543 ug/l
RT: 2.325 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX040014.D
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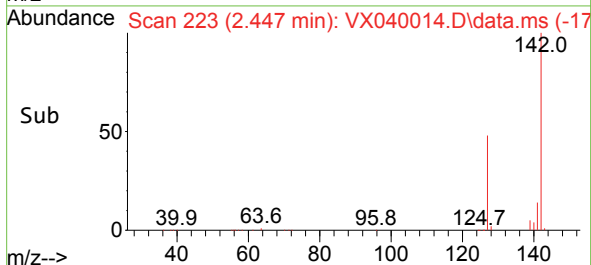
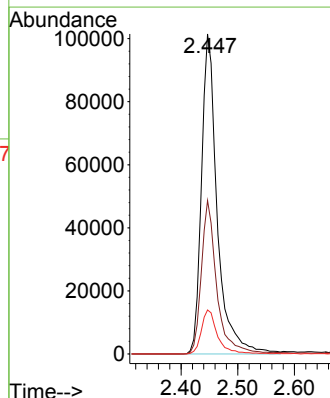
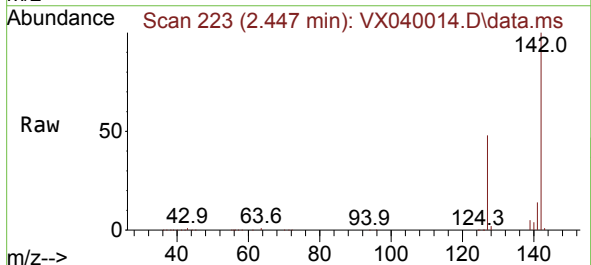
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ClientSampleId :
VSTDIC150

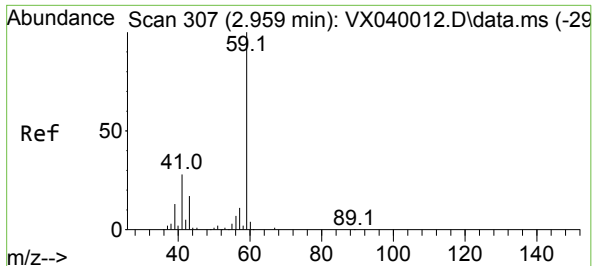
Tgt Ion:101 Resp: 169551
Ion Ratio Lower Upper
101 100
85 48.5 37.0 55.6
151 72.7 58.6 87.8



#10
Methyl Iodide
Concen: 163.621 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

Tgt Ion:142 Resp: 196168
Ion Ratio Lower Upper
142 100
127 47.2 41.6 62.4
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 799.500 ug/l

RT: 2.989 min Scan# 31

Delta R.T. 0.031 min

Lab File: VX040014.D

Acq: 30 Jan 2024 12:28

Instrument :

MSVOA_X

ClientSampleId :

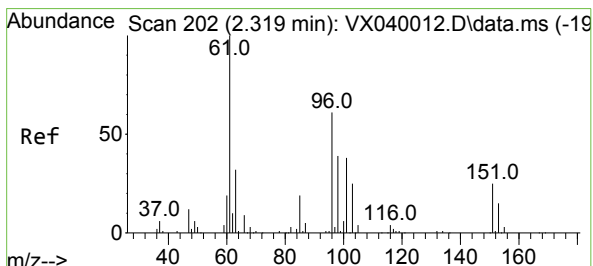
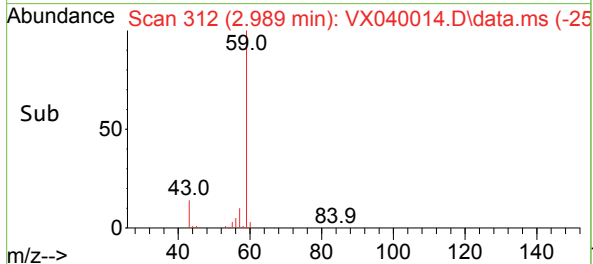
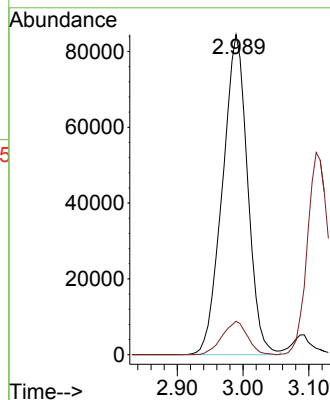
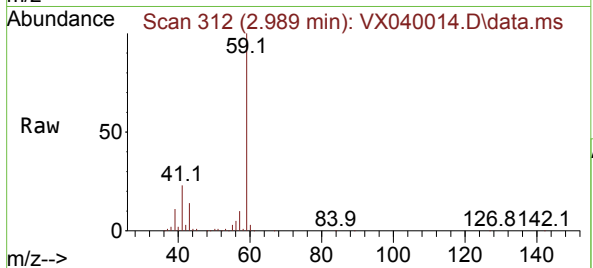
VSTDIC150

Tgt Ion: 59 Resp: 224212

Ion Ratio Lower Upper

59 100

57 10.5 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 154.468 ug/l

RT: 2.313 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX040014.D

Acq: 30 Jan 2024 12:28

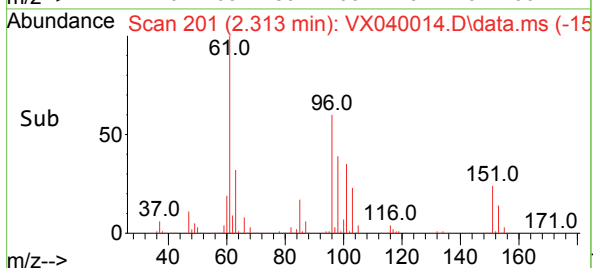
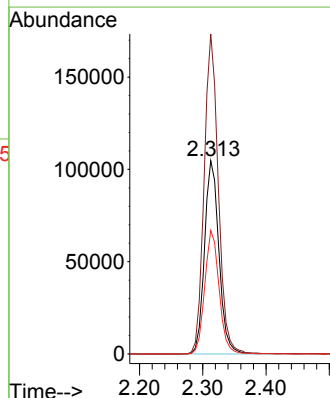
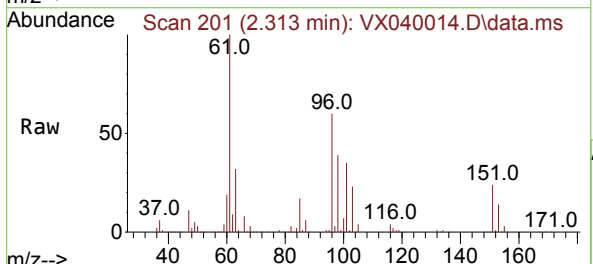
Tgt Ion: 96 Resp: 166849

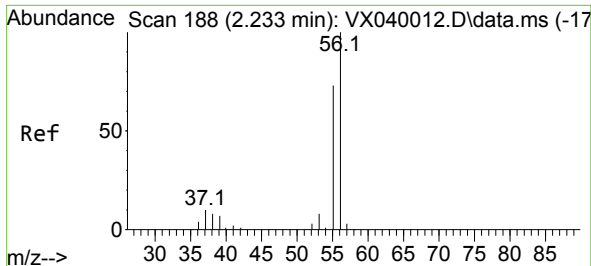
Ion Ratio Lower Upper

96 100

61 165.5 144.6 216.8

98 63.9 50.4 75.6

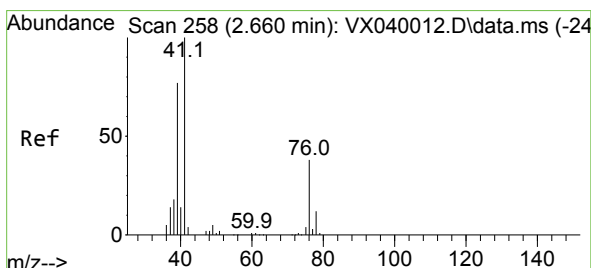
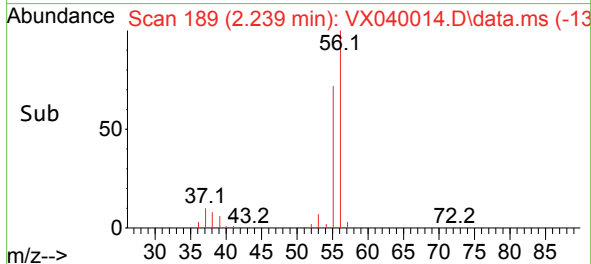
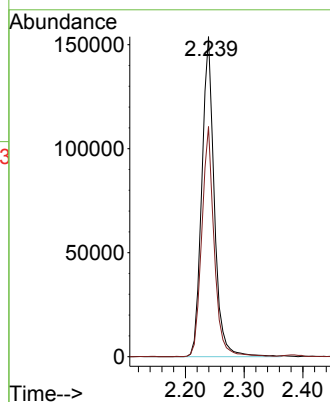
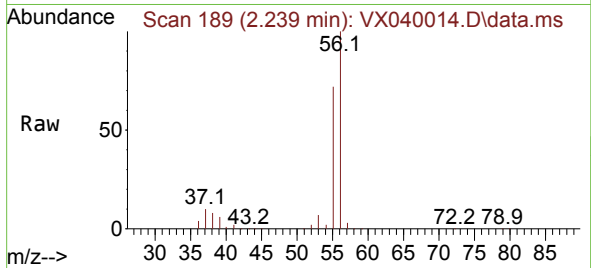




#13
Acrolein
Concen: 847.213 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

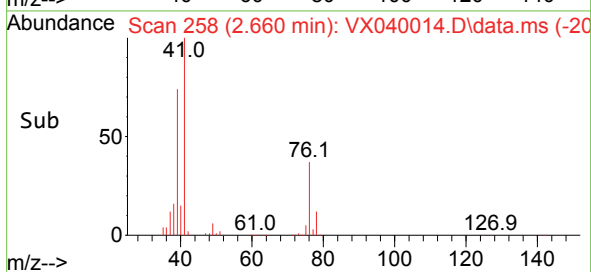
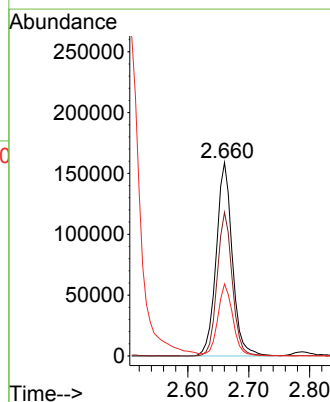
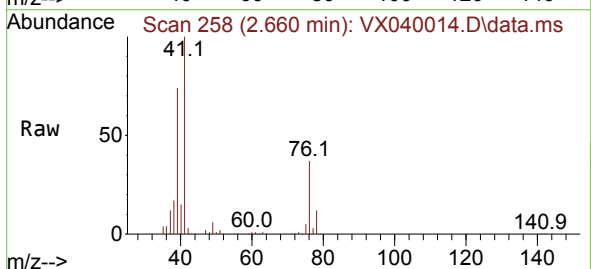
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

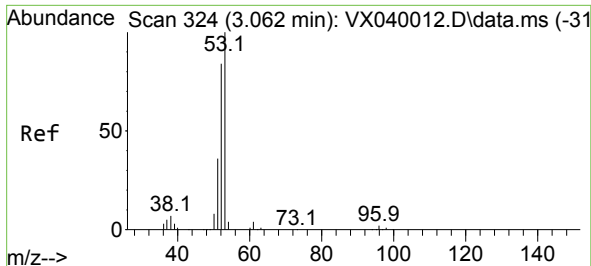
Tgt Ion: 56 Resp: 227636
Ion Ratio Lower Upper
56 100
55 71.6 57.1 85.7



#14
Allyl chloride
Concen: 150.137 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

Tgt Ion: 41 Resp: 292319
Ion Ratio Lower Upper
41 100
39 69.6 55.8 83.6
76 34.3 24.3 36.5

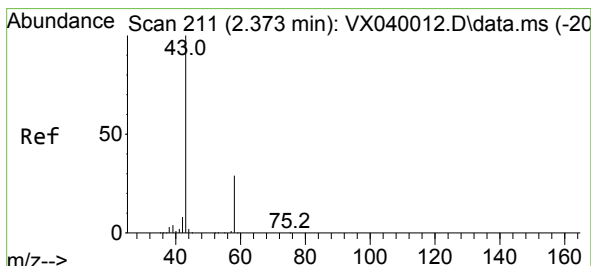
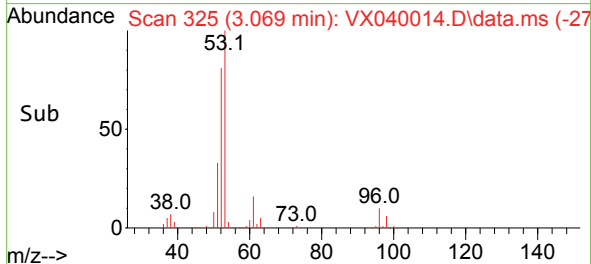
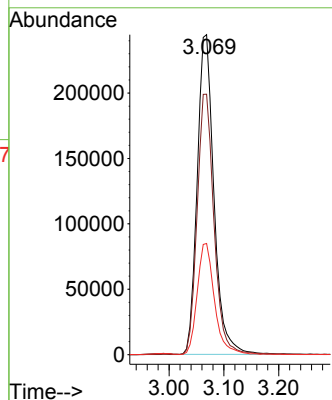
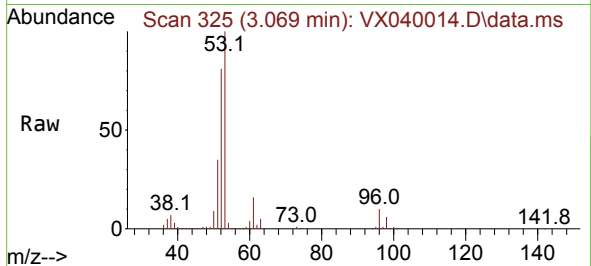




#15
Acrylonitrile
Concen: 741.958 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

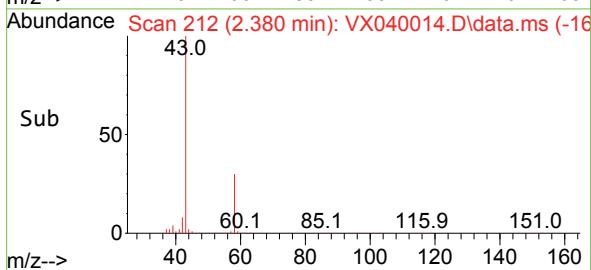
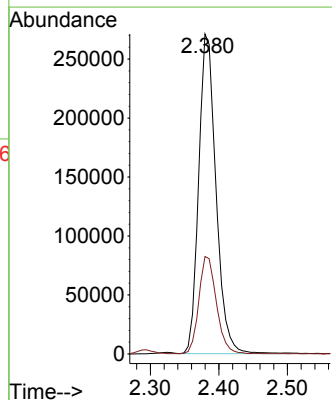
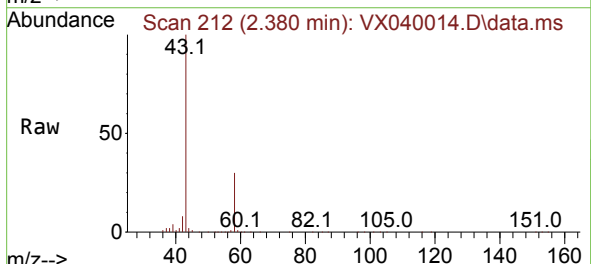
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

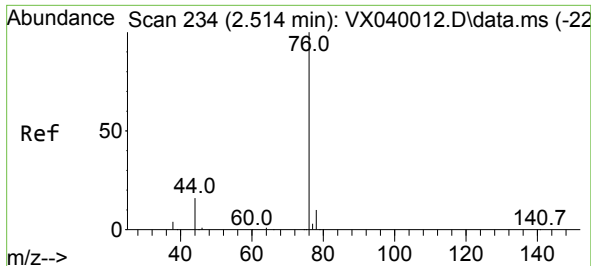
Tgt Ion: 53 Resp: 521224
Ion Ratio Lower Upper
53 100
52 82.0 66.0 99.0
51 35.8 29.8 44.6



#16
Acetone
Concen: 657.029 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

Tgt Ion: 43 Resp: 475801
Ion Ratio Lower Upper
43 100
58 30.4 21.9 32.9





#17

Carbon Disulfide

Concen: 151.604 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX040014.D

Acq: 30 Jan 2024 12:28

Instrument :

MSVOA_X

ClientSampleId :

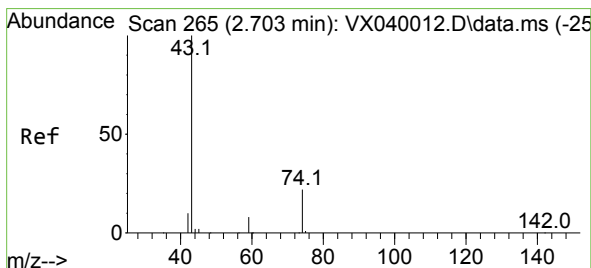
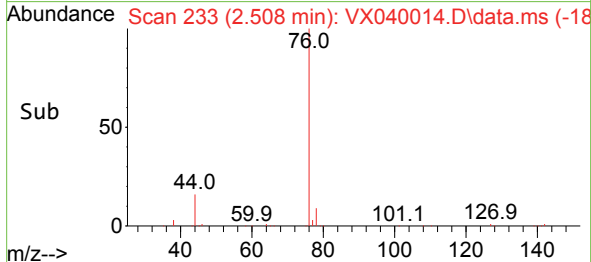
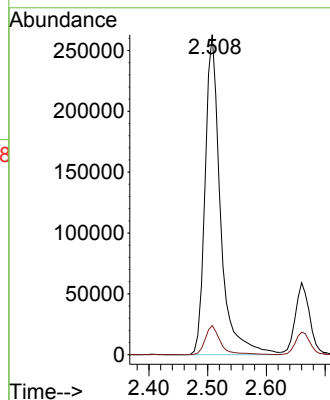
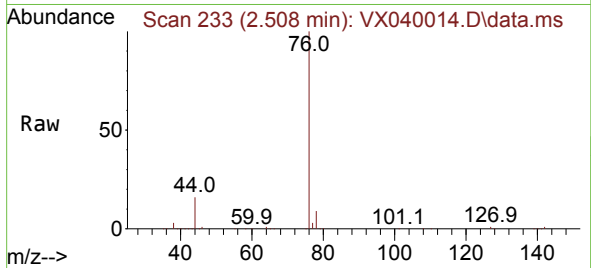
VSTDIC150

Tgt Ion: 76 Resp: 478785

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6



#18

Methyl Acetate

Concen: 161.755 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX040014.D

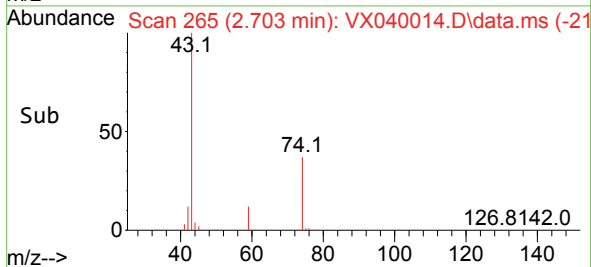
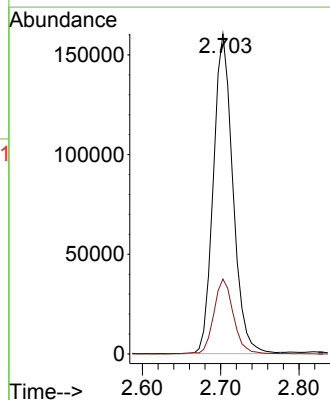
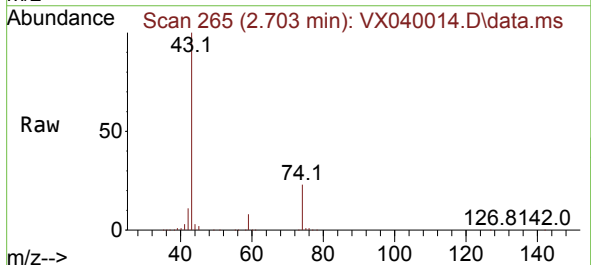
Acq: 30 Jan 2024 12:28

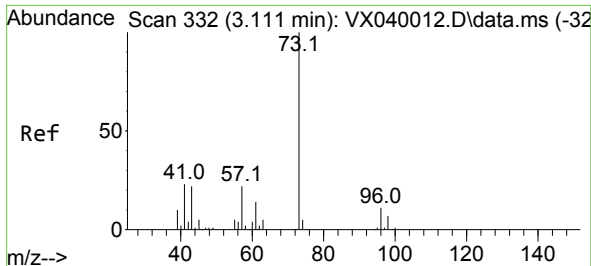
Tgt Ion: 43 Resp: 277502

Ion Ratio Lower Upper

43 100

74 23.8 17.8 26.8

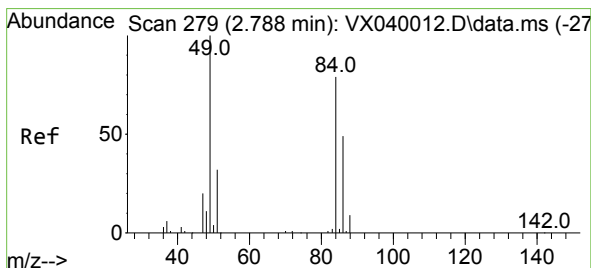
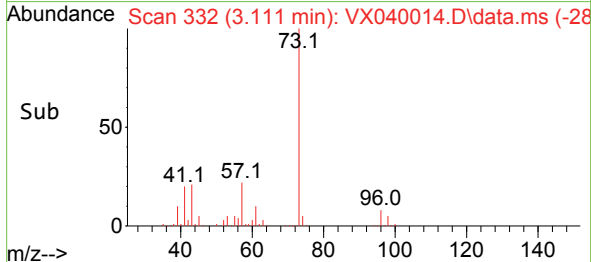
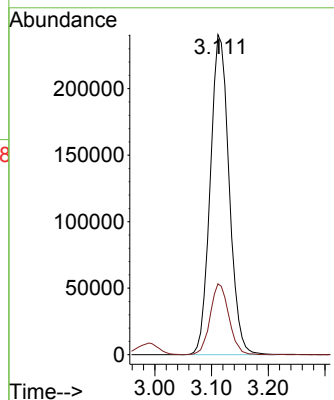
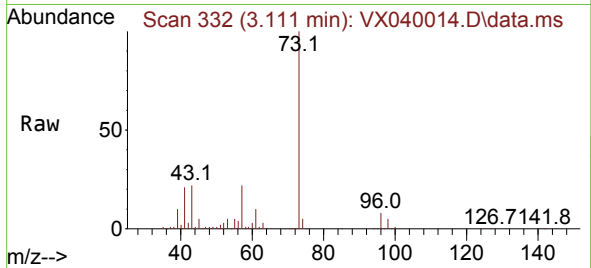




#19
Methyl tert-butyl Ether
Concen: 150.077 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

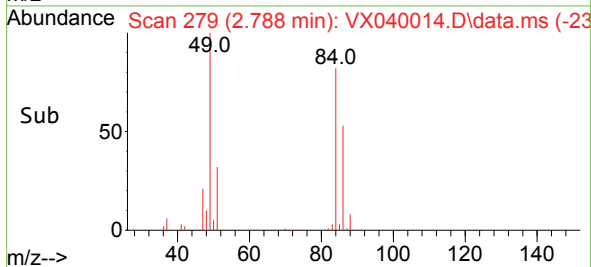
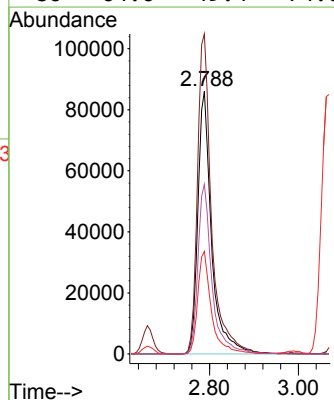
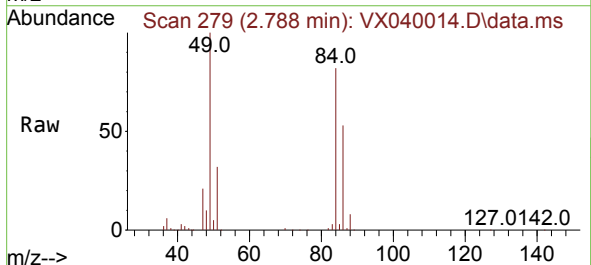
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 555300
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9



#20
Methylene Chloride
Concen: 143.717 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

Tgt Ion: 84 Resp: 184955
Ion Ratio Lower Upper
84 100
49 121.8 103.6 155.4
51 39.0 33.8 50.6
86 64.6 49.4 74.0

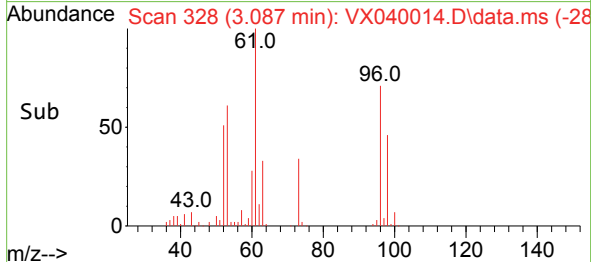
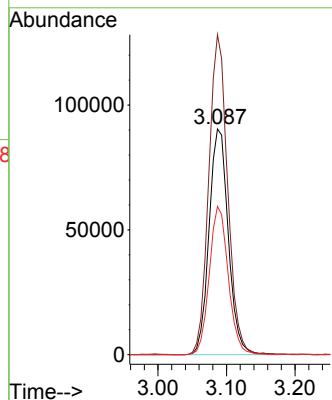
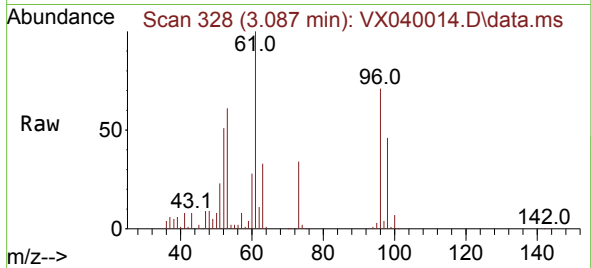




#21
trans-1,2-Dichloroethene
Concen: 148.334 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

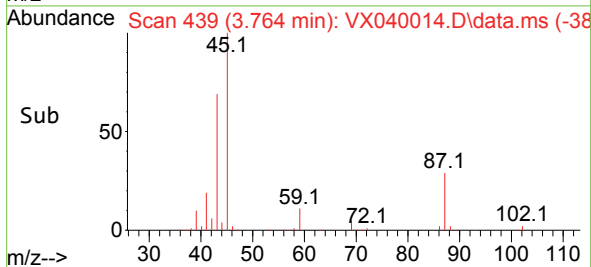
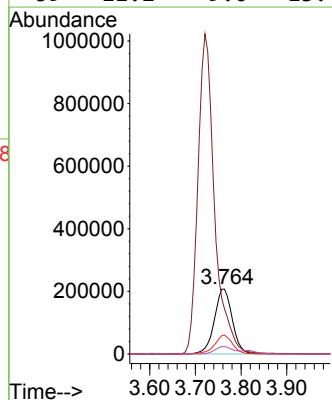
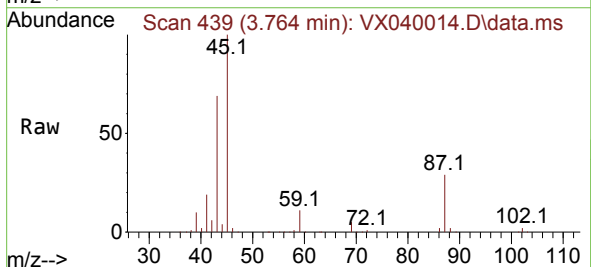
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

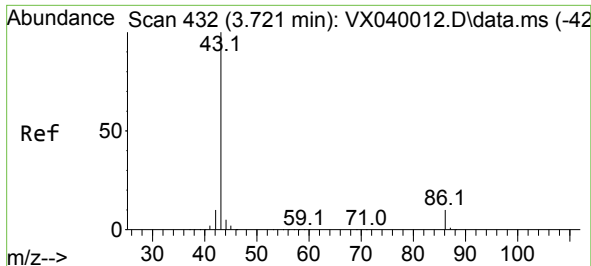
Tgt Ion: 96 Resp: 176452
Ion Ratio Lower Upper
96 100
61 141.8 119.2 178.8
98 65.7 48.7 73.1



#22
Diisopropyl ether
Concen: 149.403 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

Tgt Ion: 45 Resp: 563462
Ion Ratio Lower Upper
45 100
43 69.3 69.7 104.5#
87 29.1 20.8 31.2
59 11.2 9.0 13.4

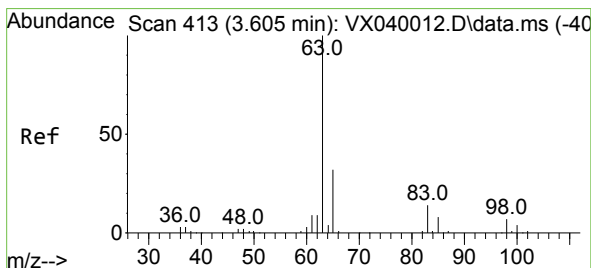
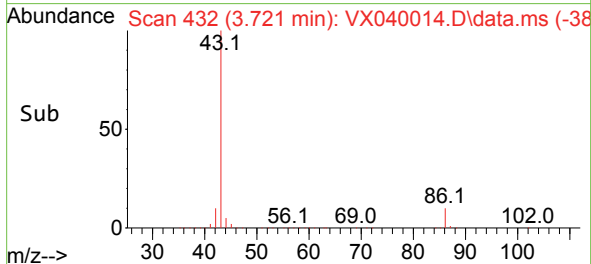
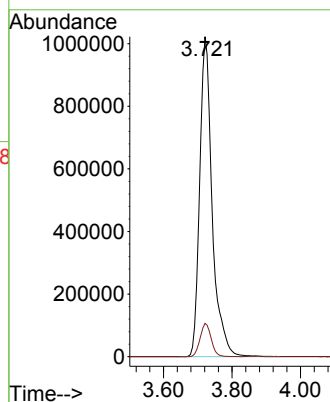
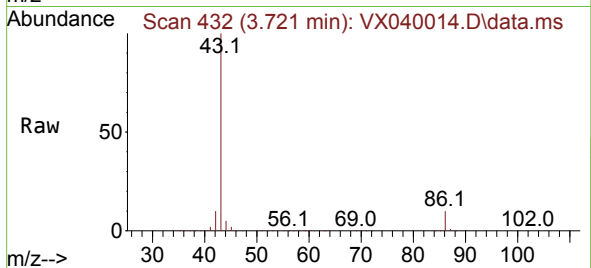




#23
 Vinyl Acetate
 Concen: 768.745 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX040014.D
 Acq: 30 Jan 2024 12:28

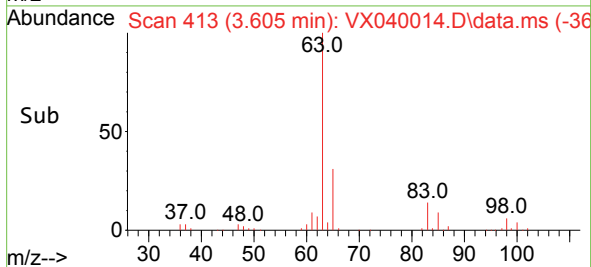
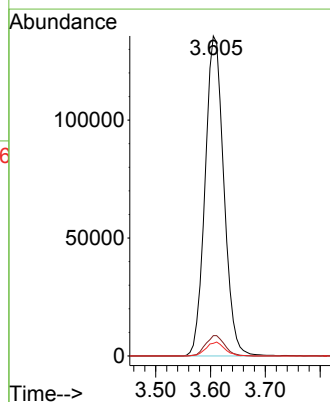
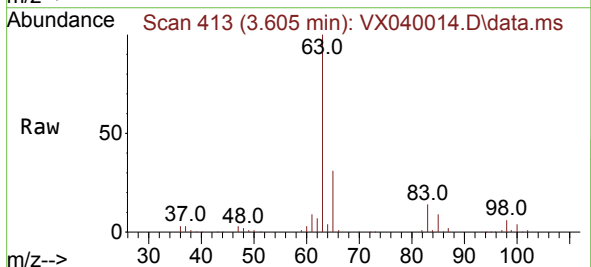
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

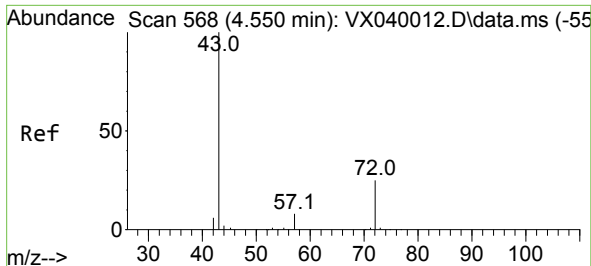
Tgt Ion: 43 Resp: 2594696
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 149.337 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX040014.D
 Acq: 30 Jan 2024 12:28

Tgt Ion: 63 Resp: 322569
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.8
 100 4.0 2.1 6.5

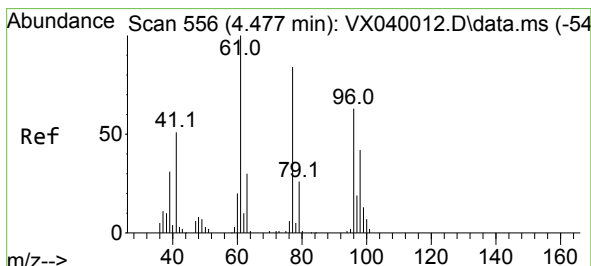
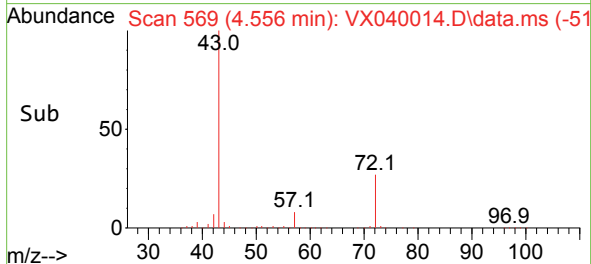
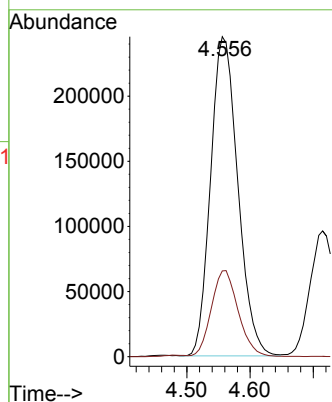
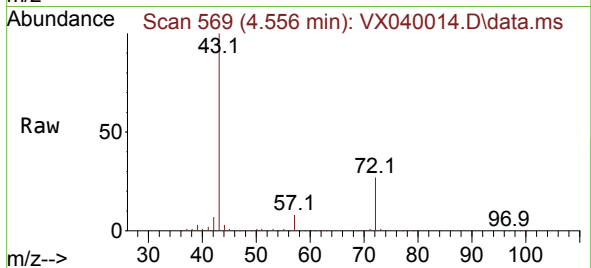




#25
2-Butanone
Concen: 727.284 ug/l
RT: 4.556 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

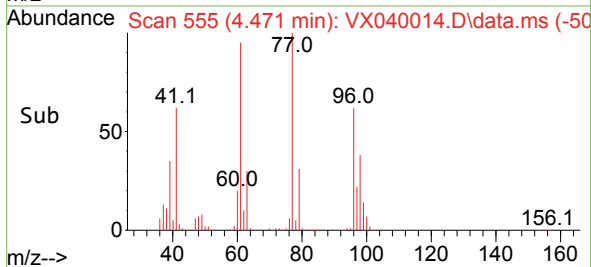
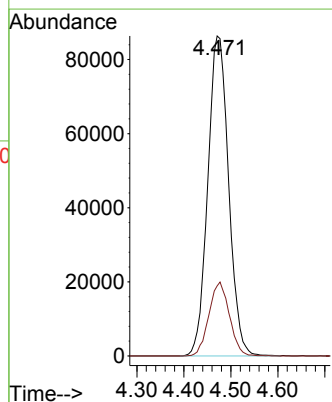
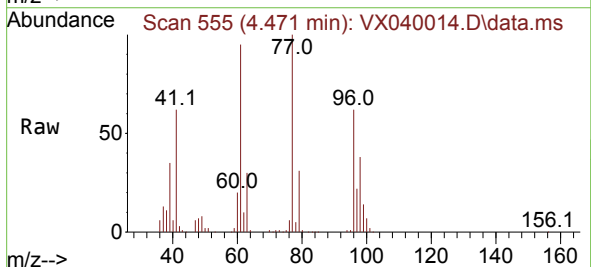
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

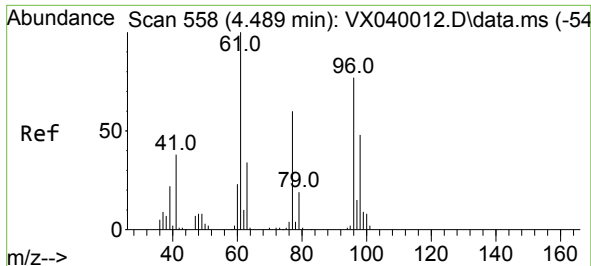
Tgt Ion: 43 Resp: 732134
Ion Ratio Lower Upper
43 100
72 26.7 19.4 29.2



#26
2,2-Dichloropropane
Concen: 157.669 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

Tgt Ion: 77 Resp: 265734
Ion Ratio Lower Upper
77 100
97 22.7 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 153.647 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX040014.D

Acq: 30 Jan 2024 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

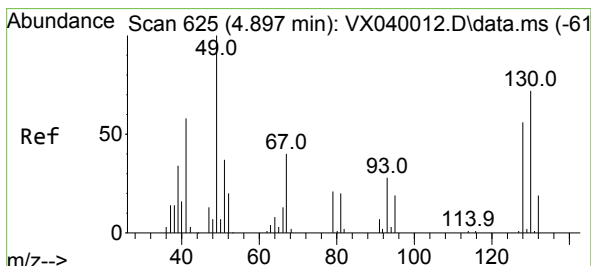
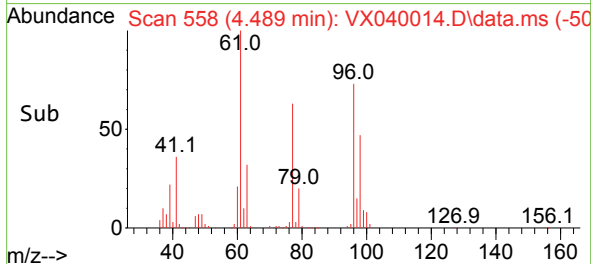
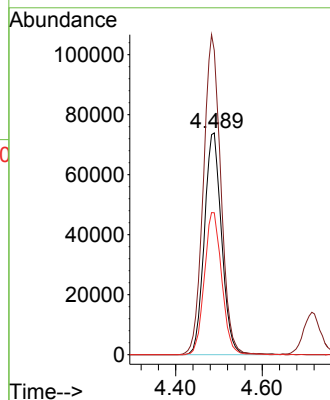
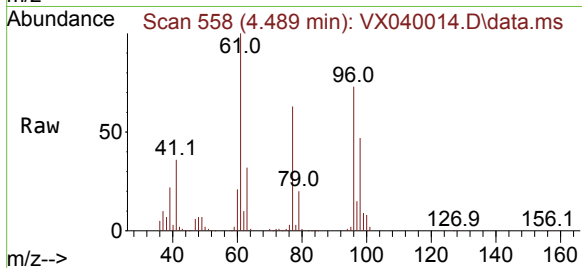
Tgt Ion: 96 Resp: 203937

Ion Ratio Lower Upper

96 100

61 146.3 0.0 312.2

98 64.6 0.0 129.0



#28

Bromochloromethane

Concen: 148.030 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX040014.D

Acq: 30 Jan 2024 12:28

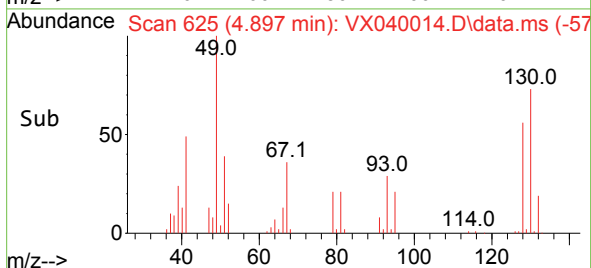
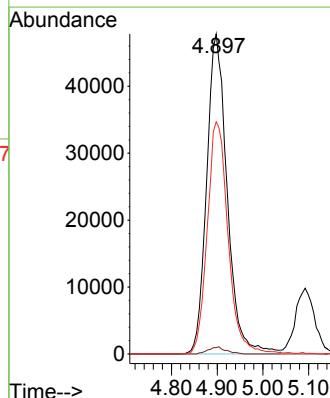
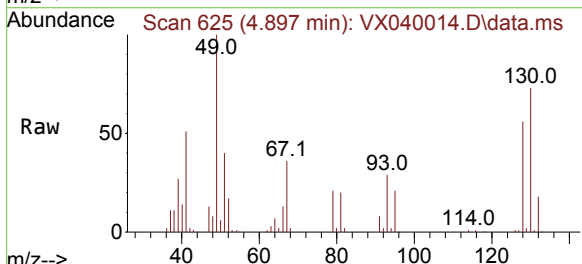
Tgt Ion: 49 Resp: 149099

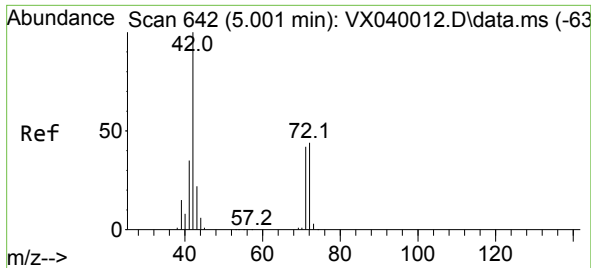
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 73.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 750.458 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX040014.D

Acq: 30 Jan 2024 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

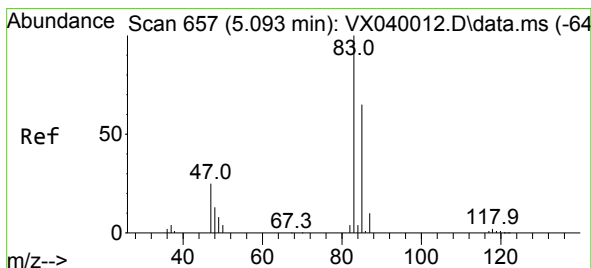
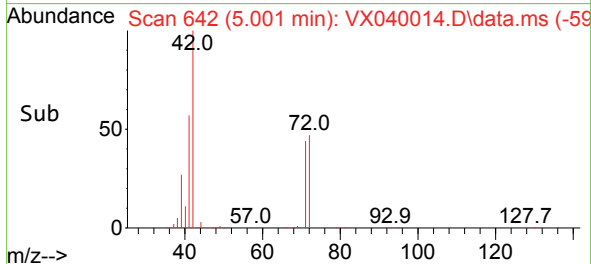
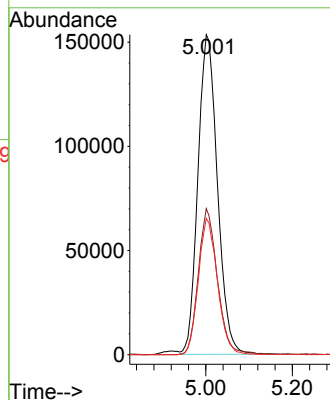
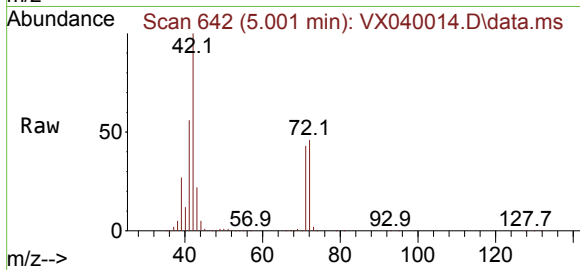
Tgt Ion: 42 Resp: 480347

Ion Ratio Lower Upper

42 100

72 44.9 34.2 51.4

71 41.8 32.2 48.2



#30

Chloroform

Concen: 145.018 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX040014.D

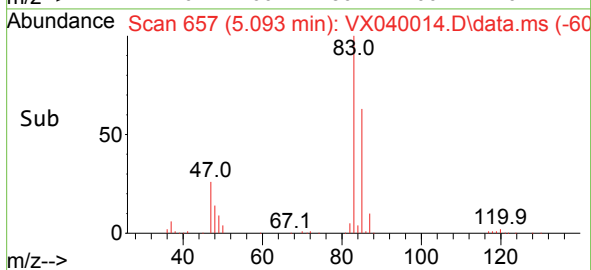
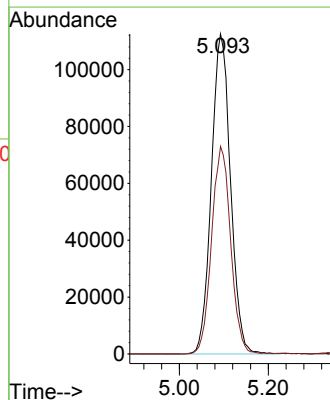
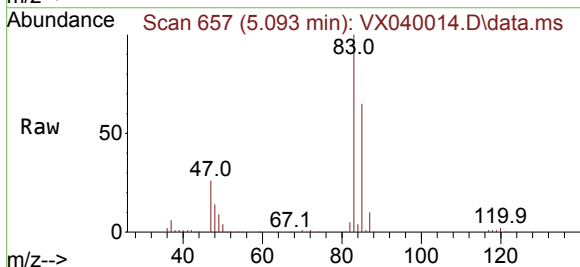
Acq: 30 Jan 2024 12:28

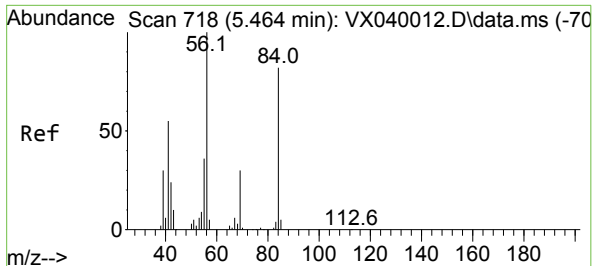
Tgt Ion: 83 Resp: 336354

Ion Ratio Lower Upper

83 100

85 64.9 50.3 75.5

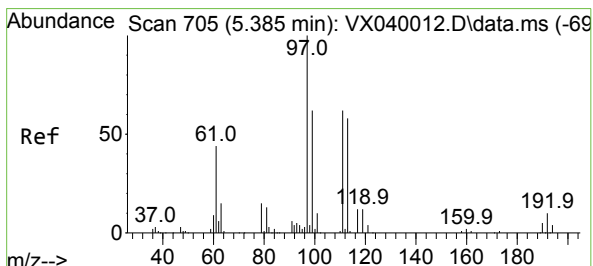
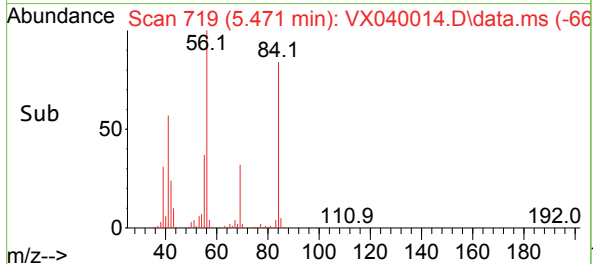
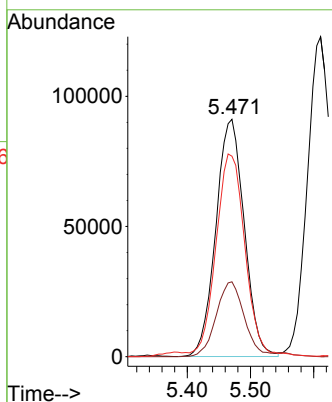
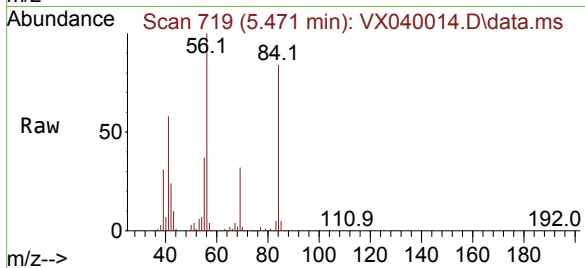




#31
Cyclohexane
Concen: 146.553 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

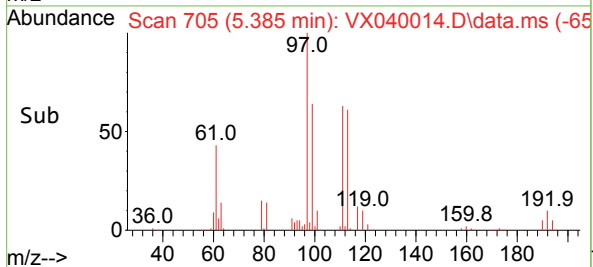
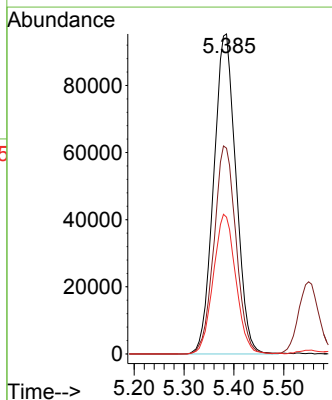
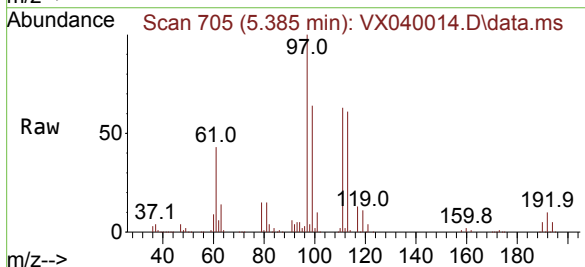
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

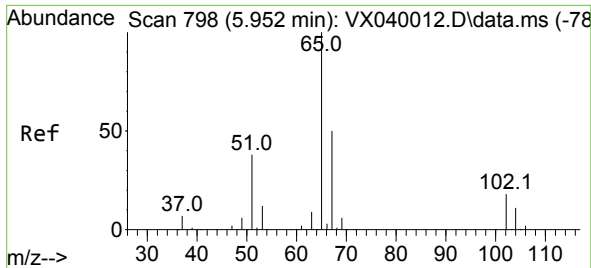
Tgt Ion: 56 Resp: 283728
Ion Ratio Lower Upper
56 100
69 31.5 23.4 35.2
84 83.2 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 148.824 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

Tgt Ion: 97 Resp: 296235
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 44.0 36.4 54.6

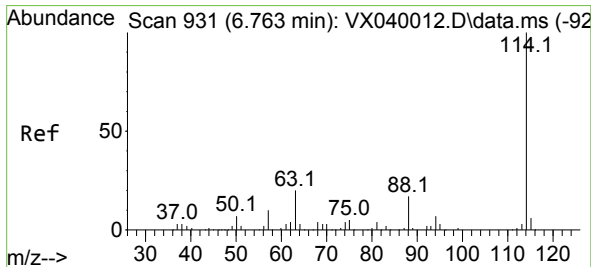
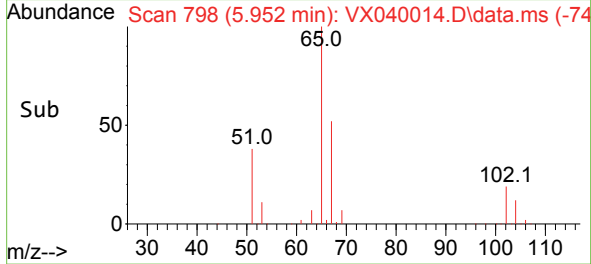
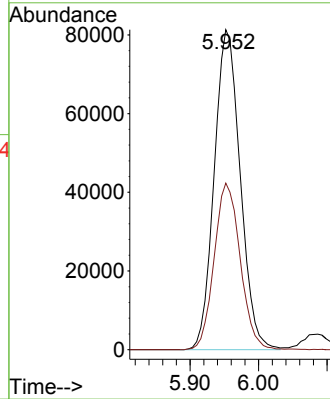
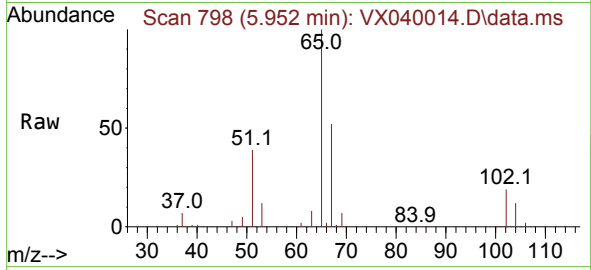




#33
 1,2-Dichloroethane-d4
 Concen: 138.649 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX040014.D
 Acq: 30 Jan 2024 12:28

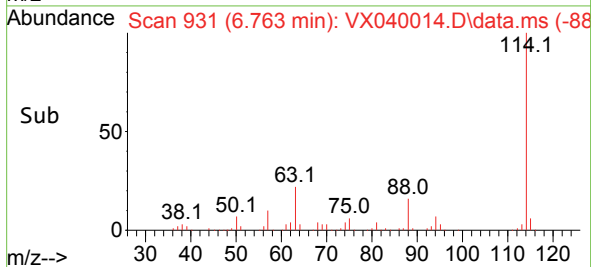
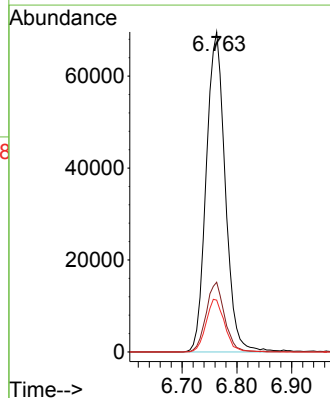
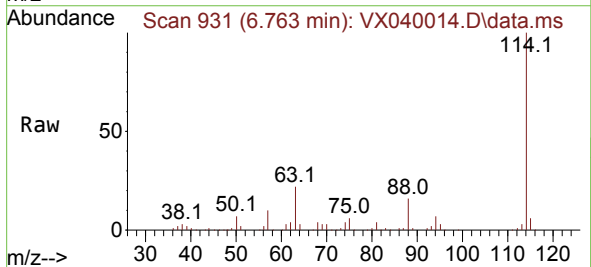
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

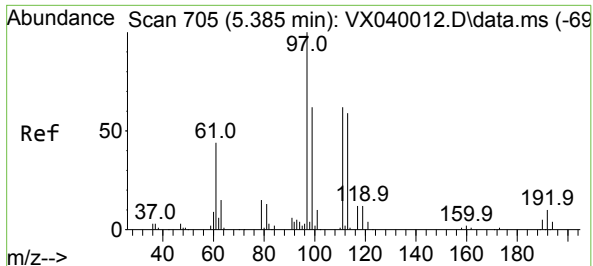
Tgt Ion: 65 Resp: 214290
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX040014.D
 Acq: 30 Jan 2024 12:28

Tgt Ion: 114 Resp: 166785
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 45.0
 88 16.2 0.0 36.6

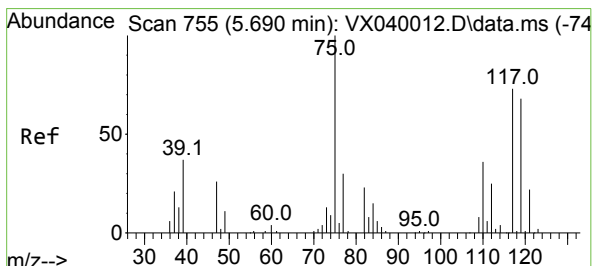
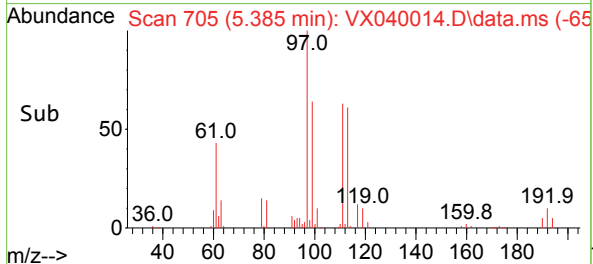
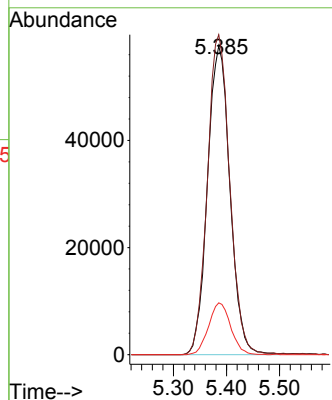
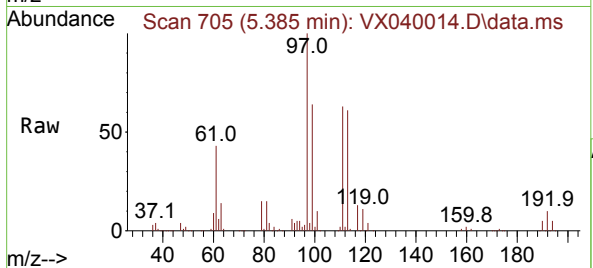




#35
Dibromofluoromethane
Concen: 149.666 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

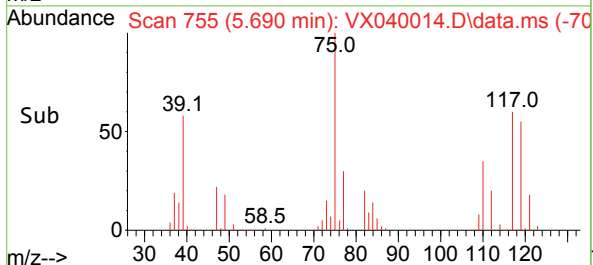
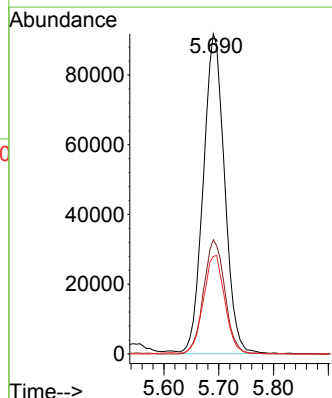
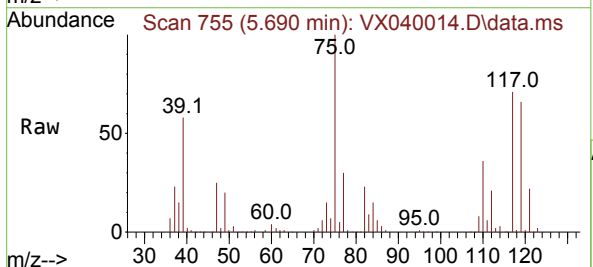
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

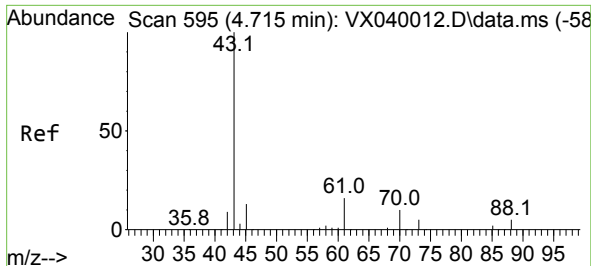
Tgt Ion:113 Resp: 169925
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 16.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 150.457 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

Tgt Ion: 75 Resp: 247054
Ion Ratio Lower Upper
75 100
110 35.8 17.0 50.9
77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 156.690 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX040014.D

Acq: 30 Jan 2024 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

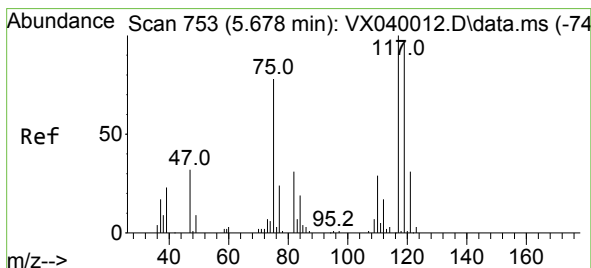
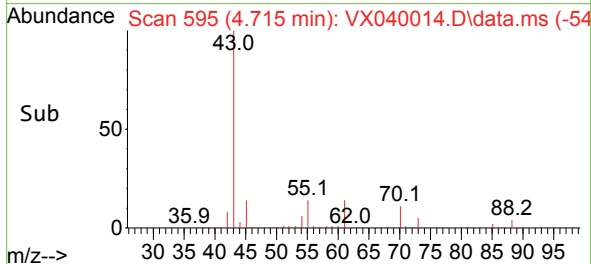
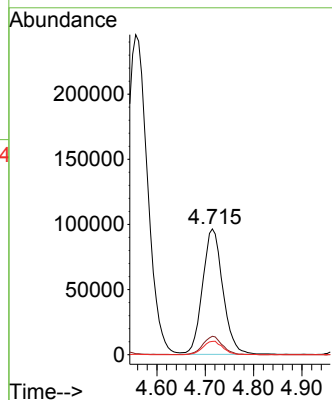
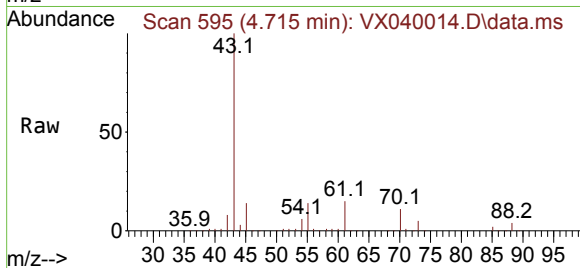
Tgt Ion: 43 Resp: 280985

Ion Ratio Lower Upper

43 100

61 14.3 10.6 16.0

70 10.6 8.3 12.5



#38

Carbon Tetrachloride

Concen: 157.906 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX040014.D

Acq: 30 Jan 2024 12:28

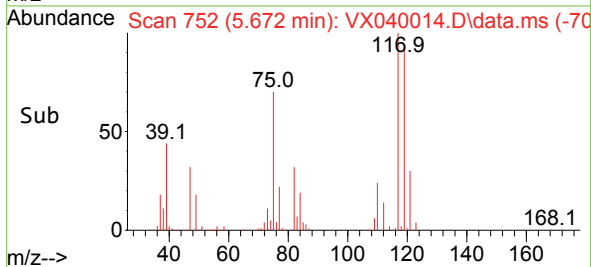
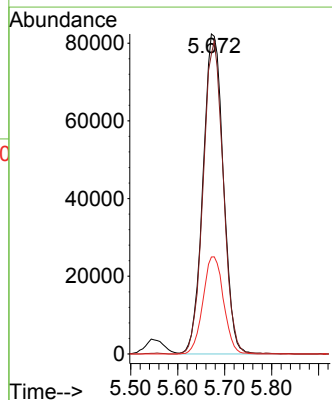
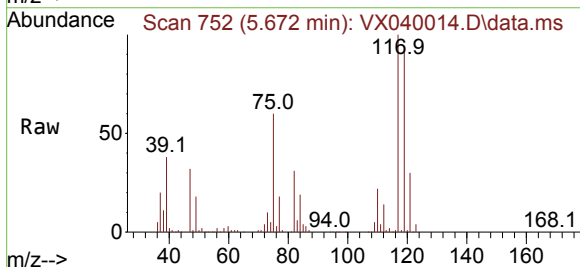
Tgt Ion: 117 Resp: 248090

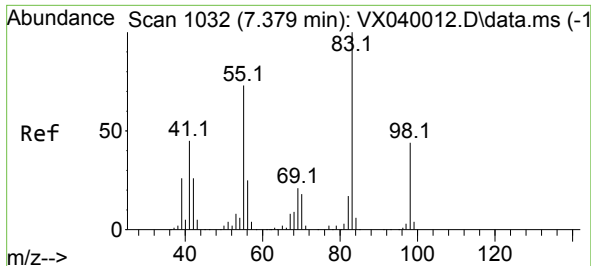
Ion Ratio Lower Upper

117 100

119 93.7 78.2 117.2

121 30.3 24.4 36.6

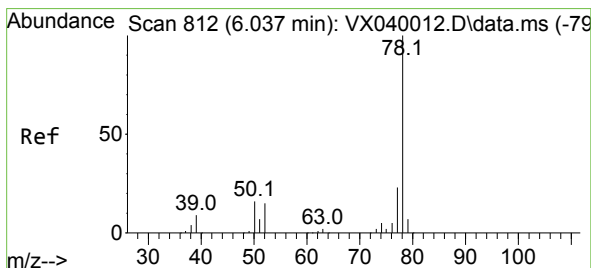
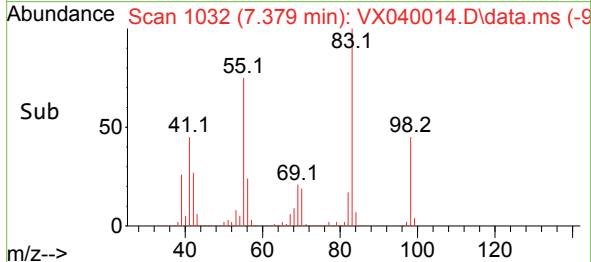
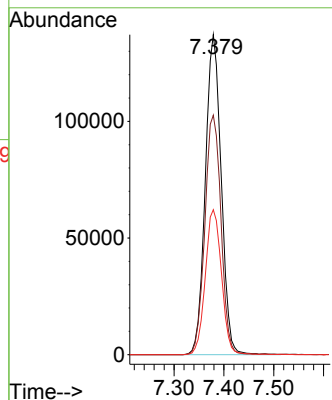
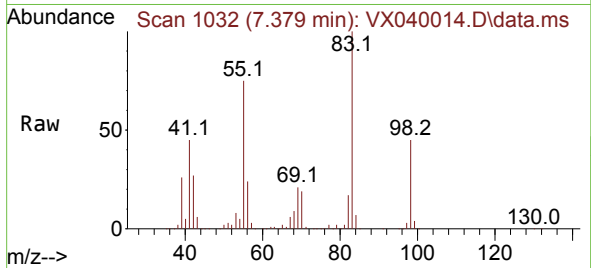




#39
Methylcyclohexane
Concen: 151.972 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

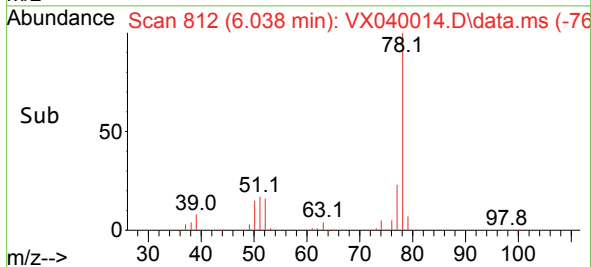
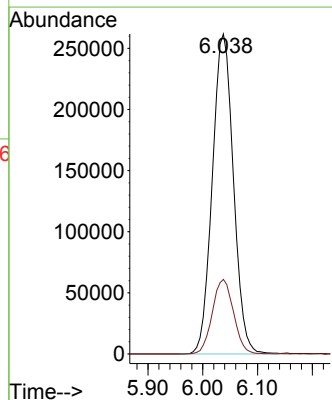
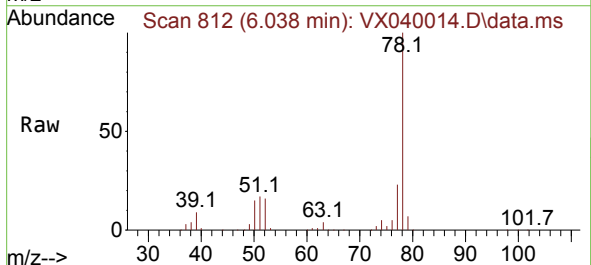
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

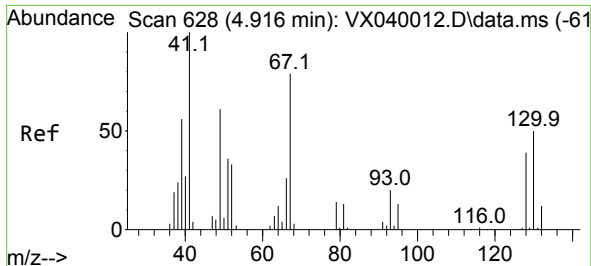
Tgt Ion: 83 Resp: 303611
Ion Ratio Lower Upper
83 100
55 74.9 64.6 97.0
98 45.3 36.7 55.1



#40
Benzene
Concen: 146.377 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

Tgt Ion: 78 Resp: 700048
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9

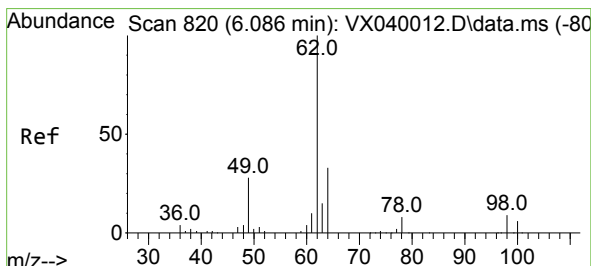
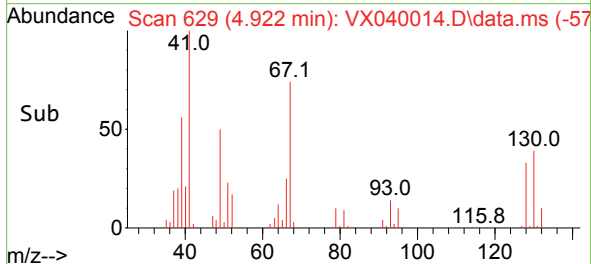
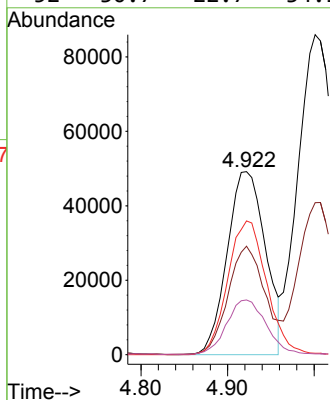
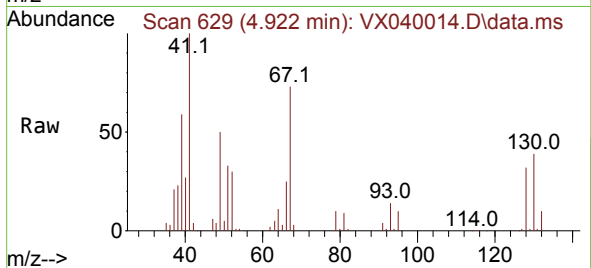




#41
Methacrylonitrile
Concen: 166.484 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

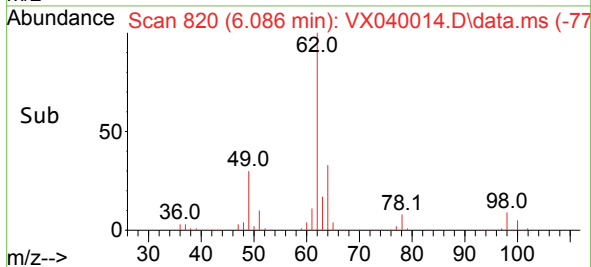
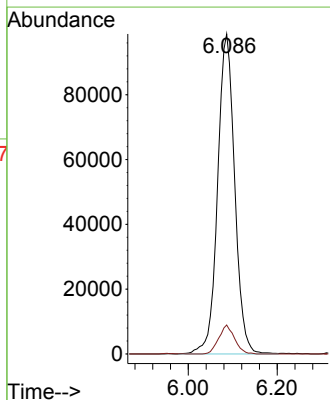
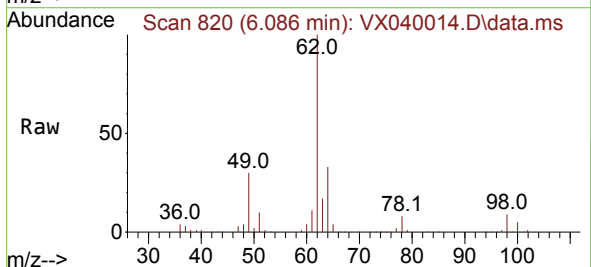
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

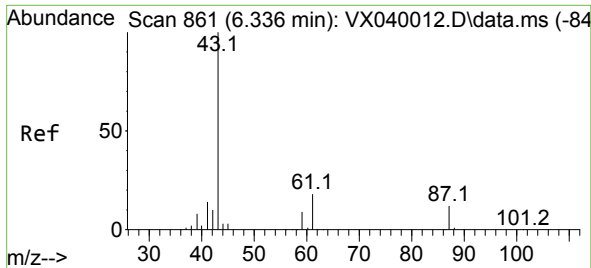
Tgt Ion: 41 Resp: 151405
Ion Ratio Lower Upper
41 100
39 58.6 45.2 67.8
67 74.0 52.6 78.8
52 30.7 22.7 34.1



#42
1,2-Dichloroethane
Concen: 142.641 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

Tgt Ion: 62 Resp: 262603
Ion Ratio Lower Upper
62 100
98 8.3 0.0 16.0

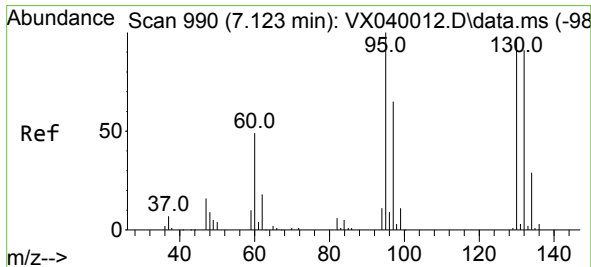
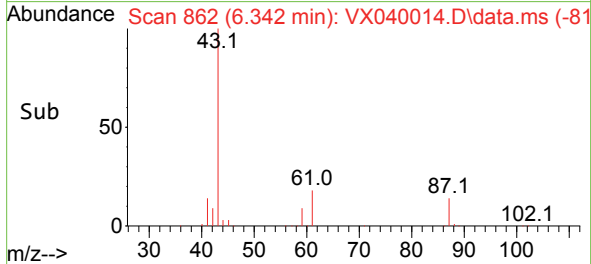
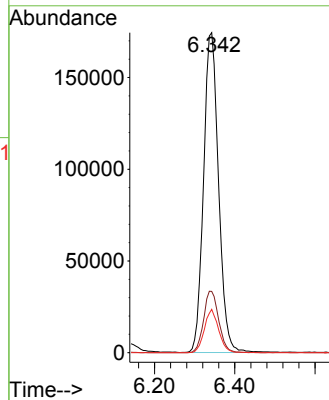
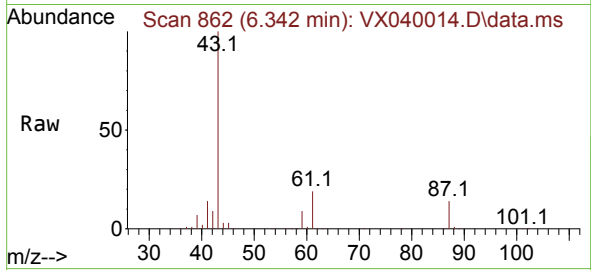




#43
Isopropyl Acetate
Concen: 160.059 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

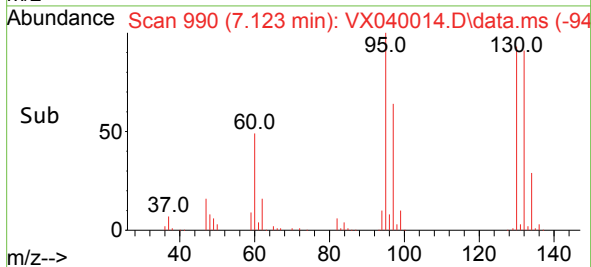
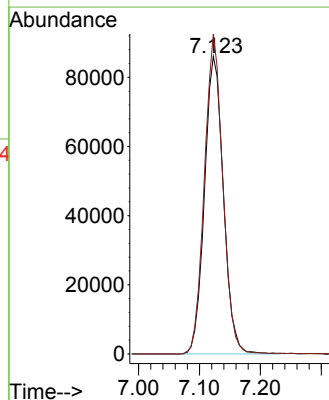
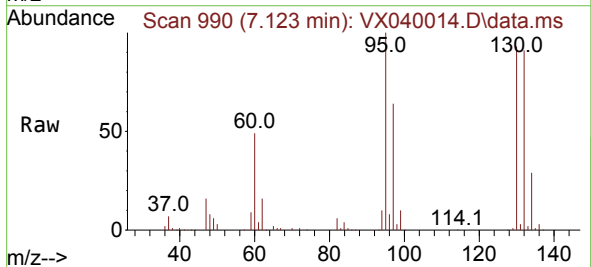
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

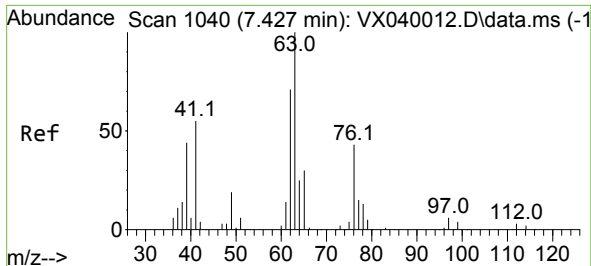
Tgt Ion: 43 Resp: 452635
Ion Ratio Lower Upper
43 100
61 19.4 15.2 22.8
87 12.8 9.8 14.6



#44
Trichloroethene
Concen: 148.097 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

Tgt Ion:130 Resp: 186386
Ion Ratio Lower Upper
130 100
95 107.5 0.0 204.4

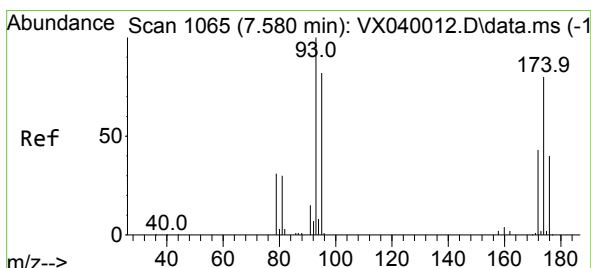
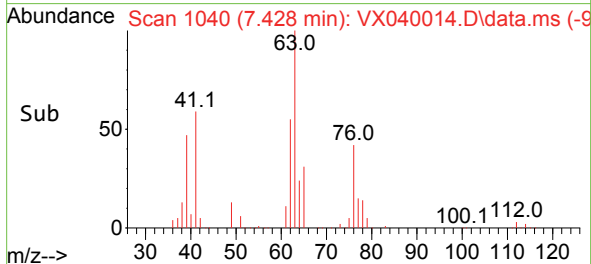
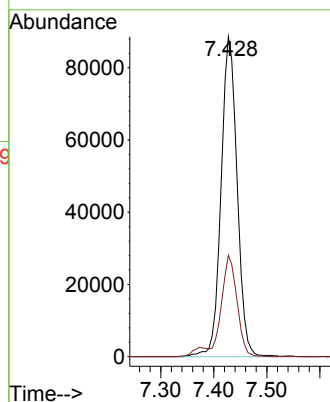
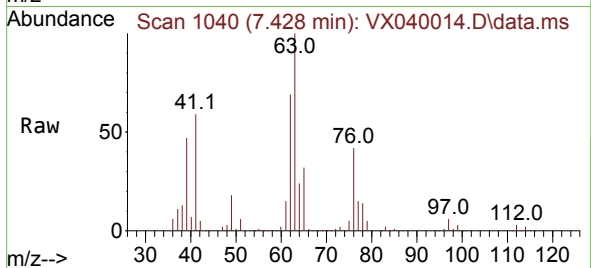




#45
1,2-Dichloropropane
Concen: 147.542 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

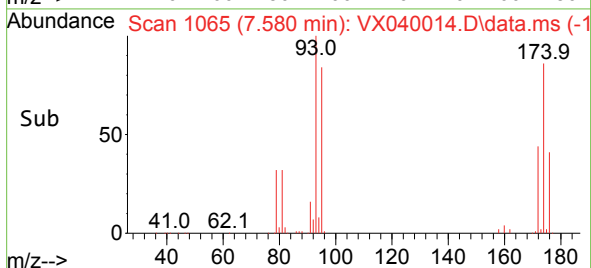
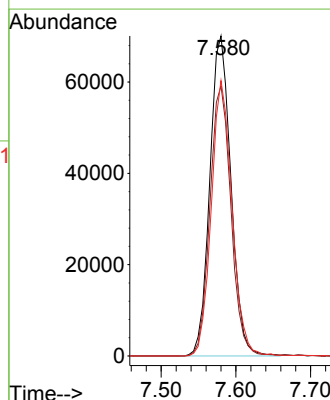
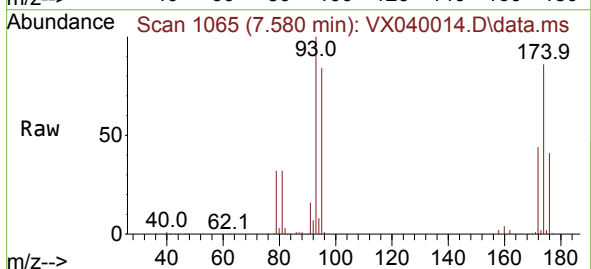
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

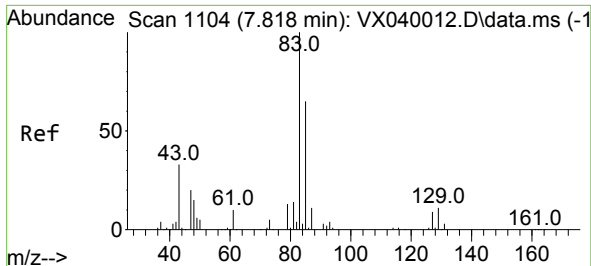
Tgt Ion: 63 Resp: 186305
Ion Ratio Lower Upper
63 100
65 31.7 24.3 36.5



#46
Dibromomethane
Concen: 145.311 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

Tgt Ion: 93 Resp: 137725
Ion Ratio Lower Upper
93 100
95 84.2 66.6 100.0
174 84.8 69.4 104.0

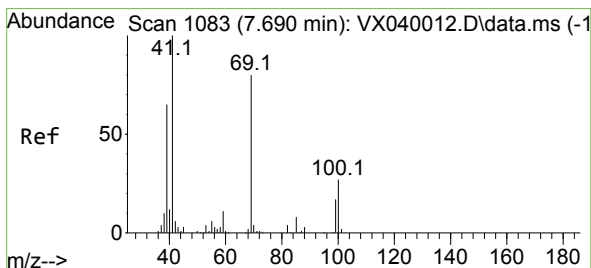
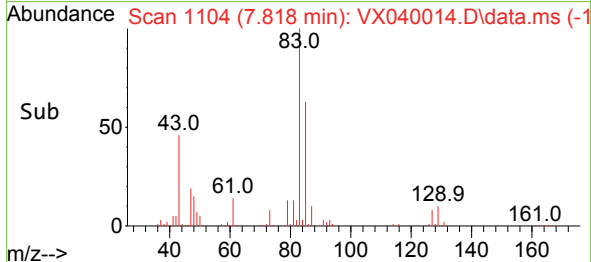
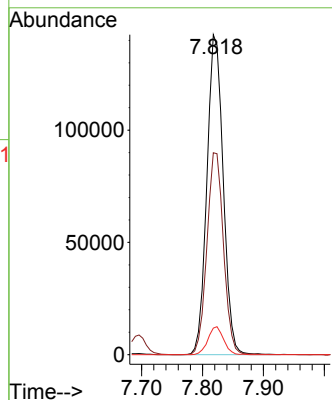
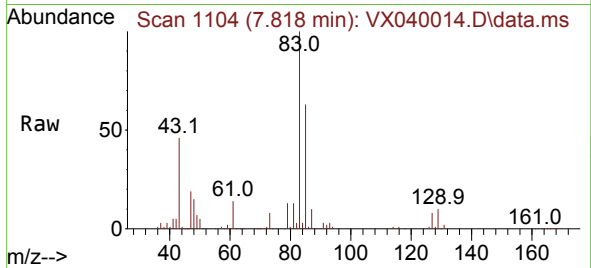




#47
Bromodichloromethane
Concen: 157.211 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

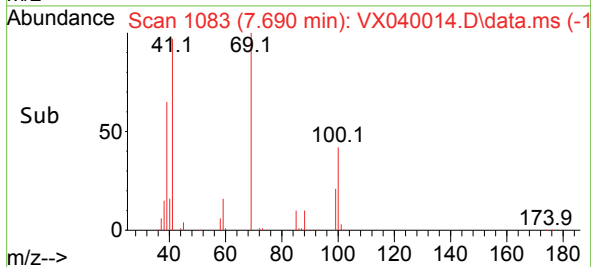
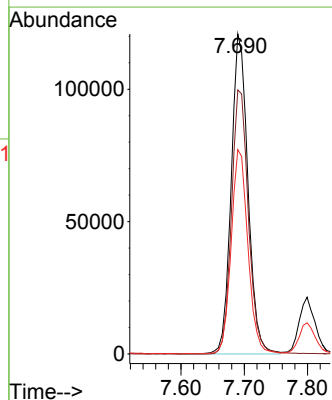
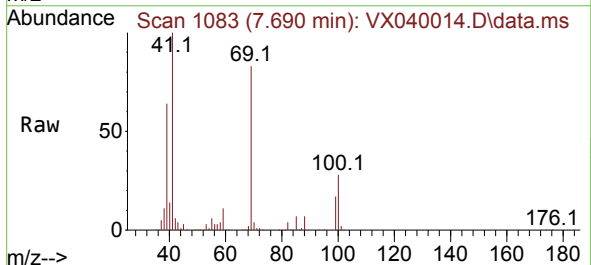
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

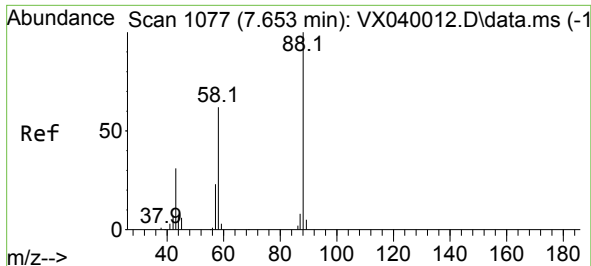
Tgt Ion: 83 Resp: 265379
Ion Ratio Lower Upper
83 100
85 63.1 49.8 74.6
127 8.3 7.1 10.7



#48
Methyl methacrylate
Concen: 159.967 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

Tgt Ion: 41 Resp: 222844
Ion Ratio Lower Upper
41 100
69 83.8 59.2 88.8
39 63.7 47.7 71.5





#49

1,4-Dioxane

Concen: 3152.368 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX040014.D

Acq: 30 Jan 2024 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

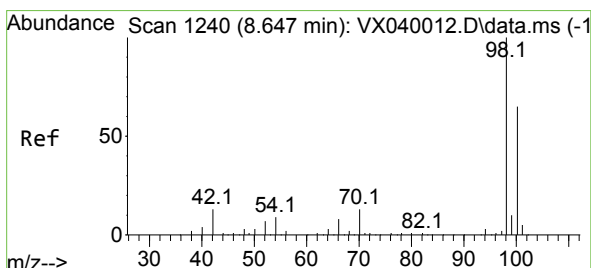
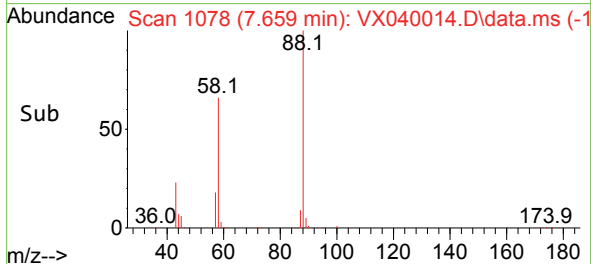
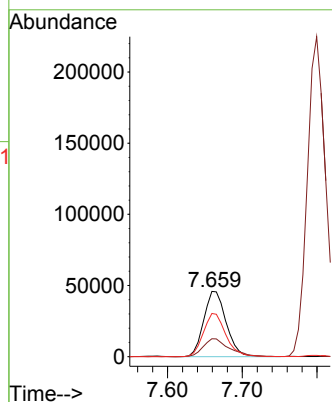
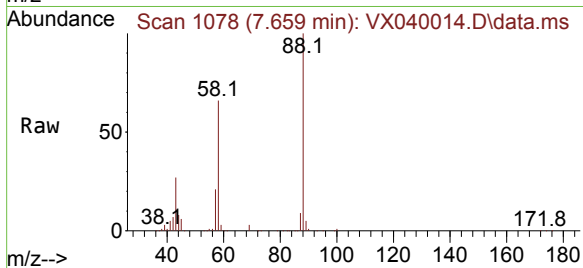
Tgt Ion: 88 Resp: 95428

Ion Ratio Lower Upper

88 100

43 31.4 0.0 0.0#

58 66.5 60.1 90.1



#50

Toluene-d8

Concen: 146.102 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX040014.D

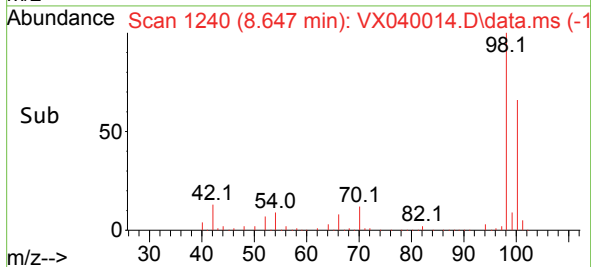
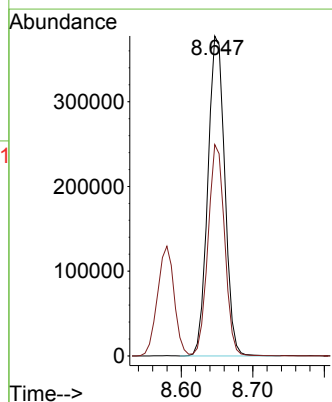
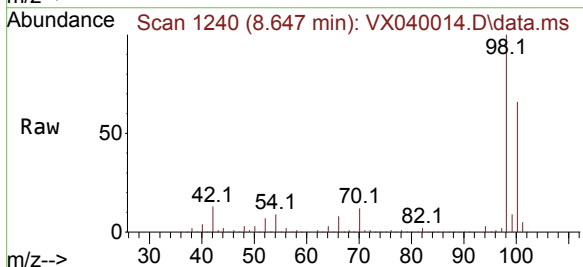
Acq: 30 Jan 2024 12:28

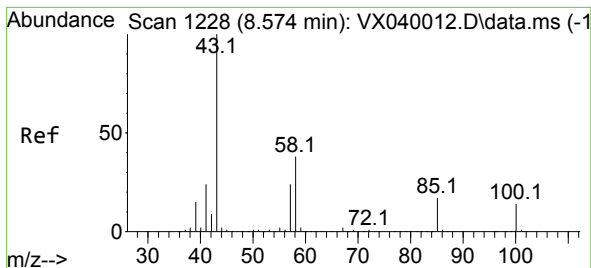
Tgt Ion: 98 Resp: 620340

Ion Ratio Lower Upper

98 100

100 64.9 53.1 79.7

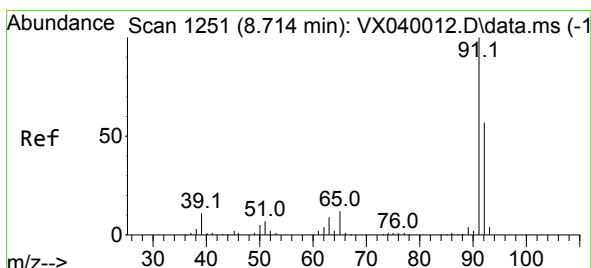
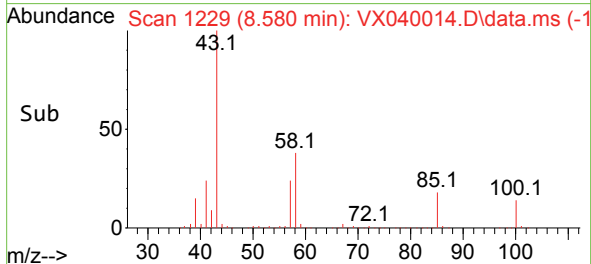
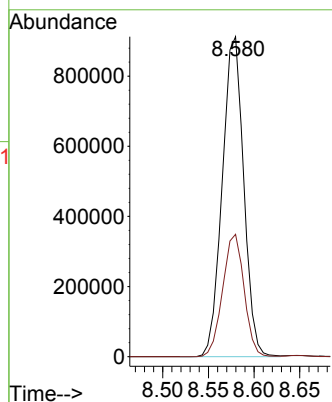
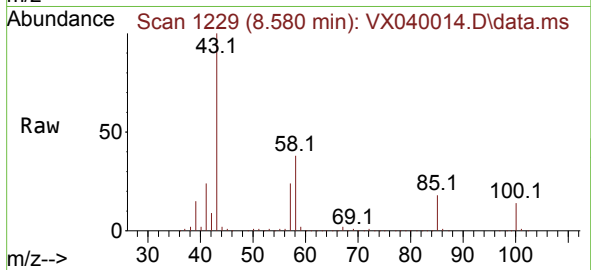




#51
4-Methyl-2-Pentanone
Concen: 771.165 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

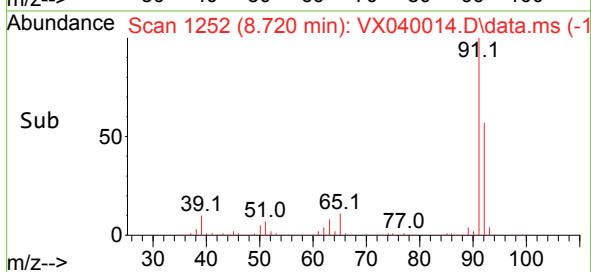
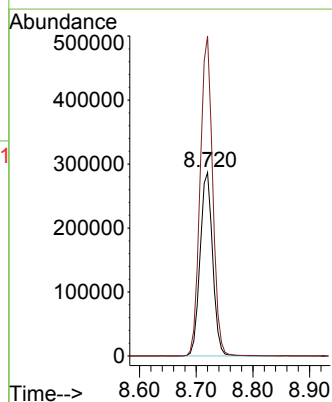
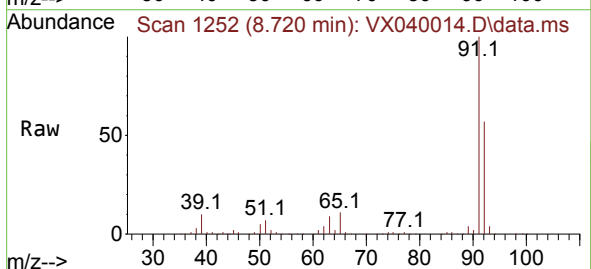
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

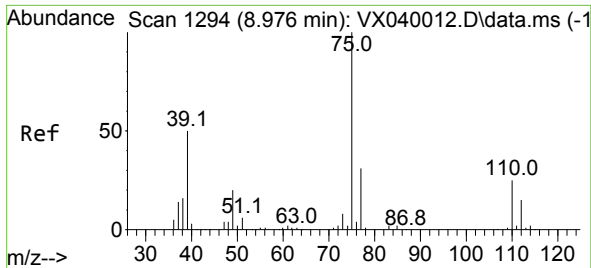
Tgt Ion: 43 Resp: 1488682
Ion Ratio Lower Upper
43 100
58 38.2 30.4 45.6



#52
Toluene
Concen: 148.119 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

Tgt Ion: 92 Resp: 441522
Ion Ratio Lower Upper
92 100
91 173.8 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 164.979 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX040014.D

Acq: 30 Jan 2024 12:28

Instrument :

MSVOA_X

ClientSampleId :

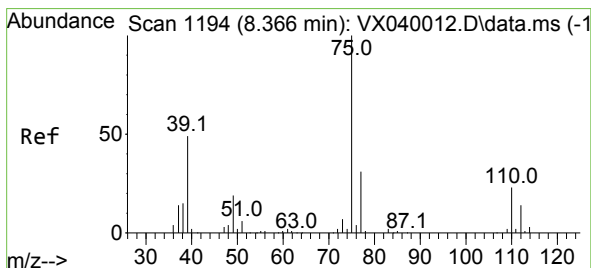
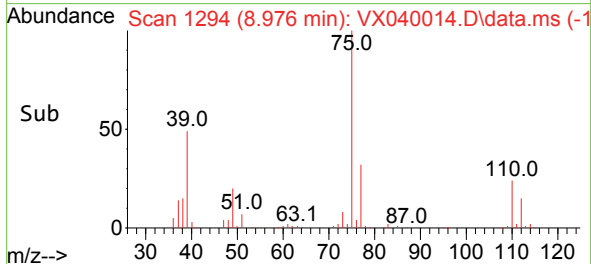
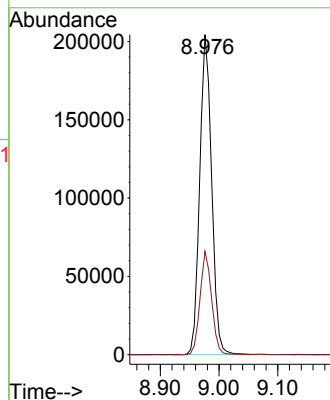
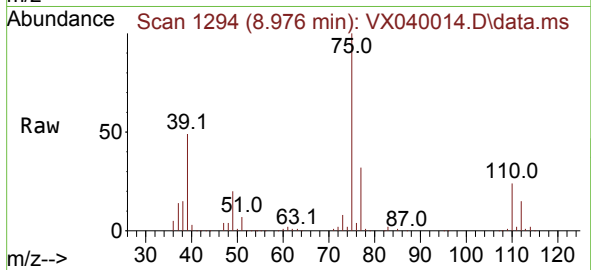
VSTDIC150

Tgt Ion: 75 Resp: 288840

Ion Ratio Lower Upper

75 100

77 32.3 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 163.008 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040014.D

Acq: 30 Jan 2024 12:28

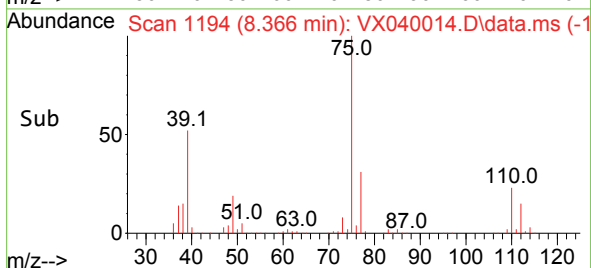
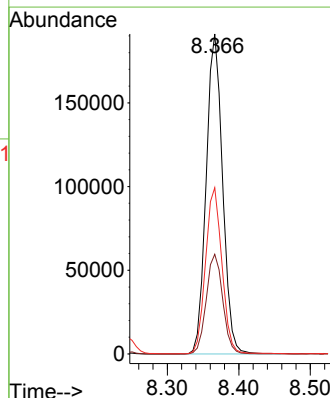
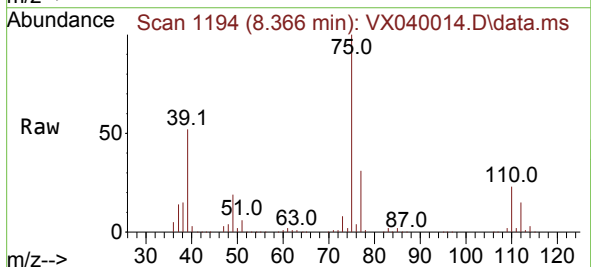
Tgt Ion: 75 Resp: 304526

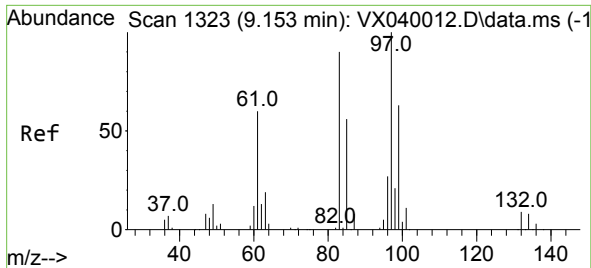
Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9

39 51.9 46.7 70.1



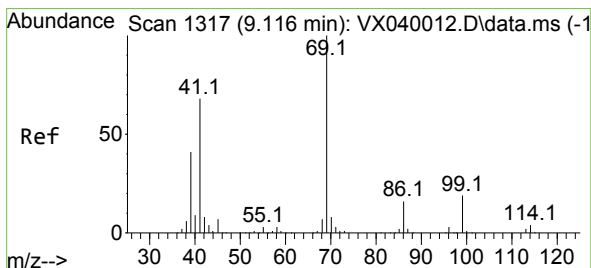
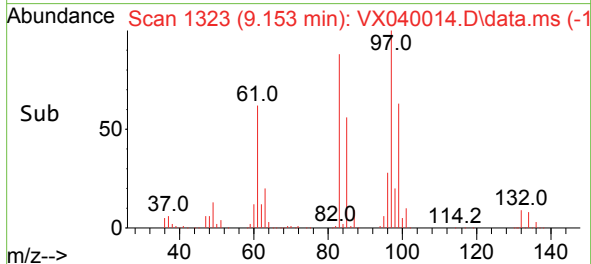
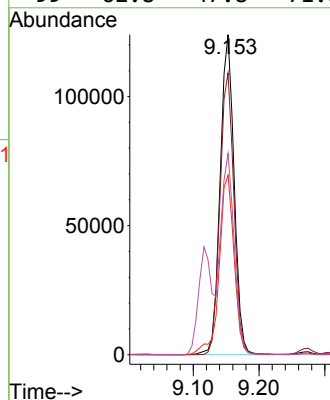
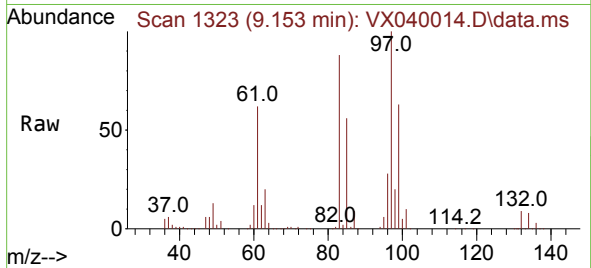


#55
1,1,2-Trichloroethane
Concen: 148.688 ug/l
RT: 9.153 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 183458

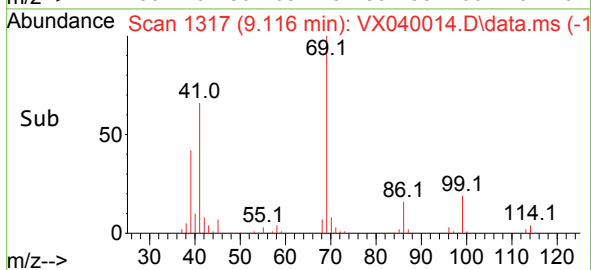
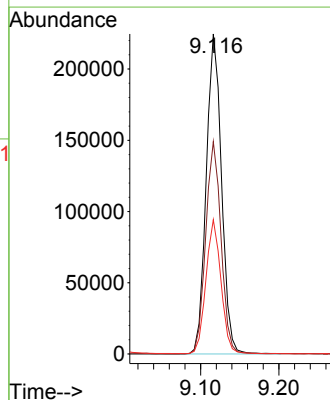
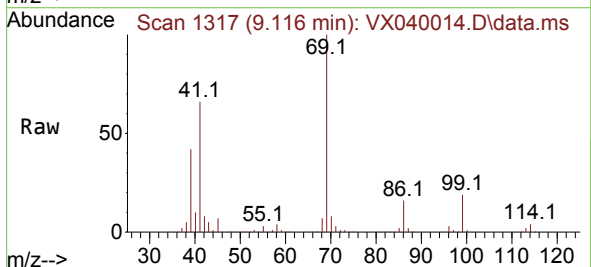
Ion	Ratio	Lower	Upper
97	100		
83	88.1	65.8	98.8
85	56.1	41.6	62.4
99	62.8	47.8	71.8

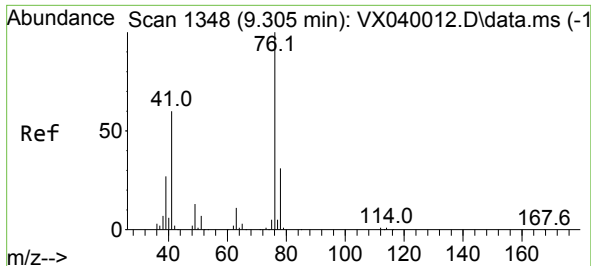


#56
Ethyl methacrylate
Concen: 168.703 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

Tgt Ion: 69 Resp: 303964

Ion	Ratio	Lower	Upper
69	100		
41	66.5	56.8	85.2
39	41.2	32.0	48.0





#57

1,3-Dichloropropane

Concen: 150.104 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040014.D

Acq: 30 Jan 2024 12:28

Instrument :

MSVOA_X

ClientSampleId :

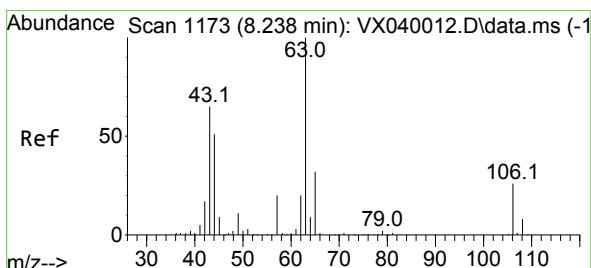
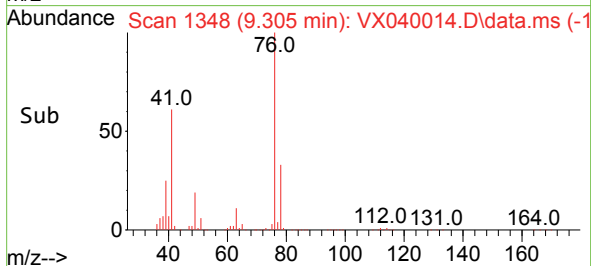
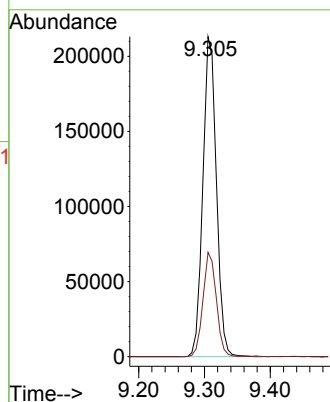
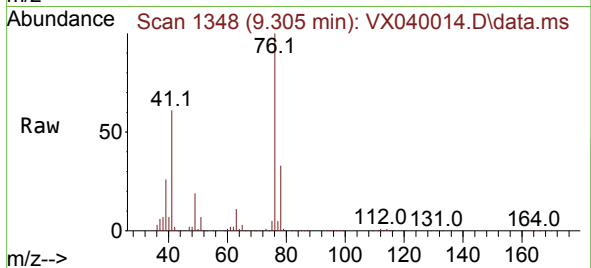
VSTDIC150

Tgt Ion: 76 Resp: 305065

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 789.512 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX040014.D

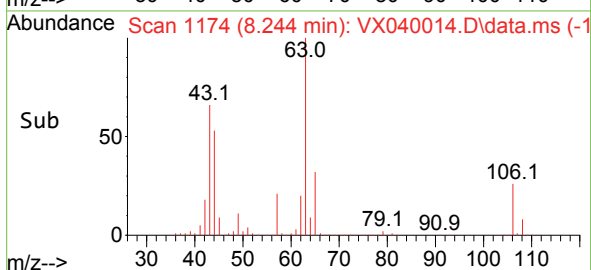
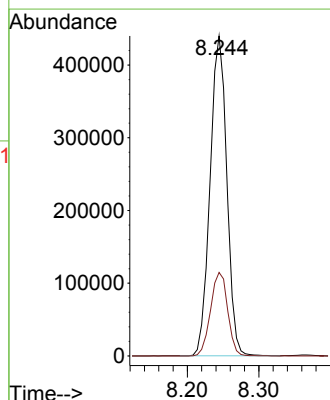
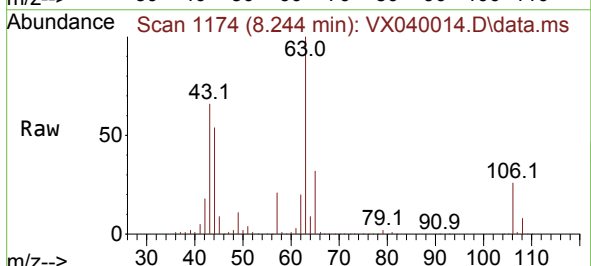
Acq: 30 Jan 2024 12:28

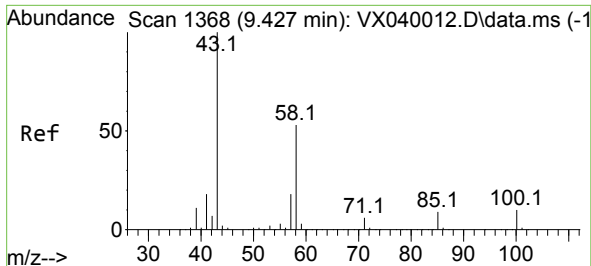
Tgt Ion: 63 Resp: 715331

Ion Ratio Lower Upper

63 100

106 26.7 22.5 33.7

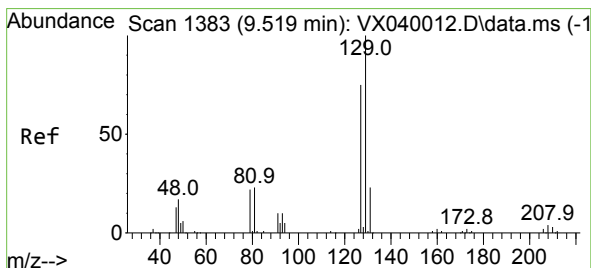
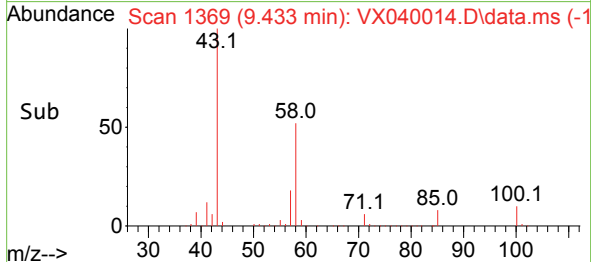
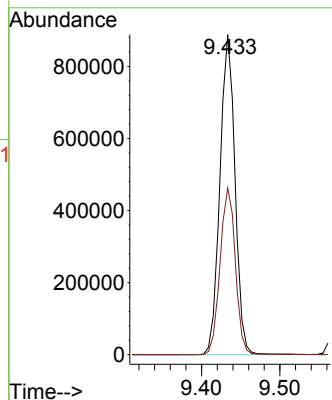
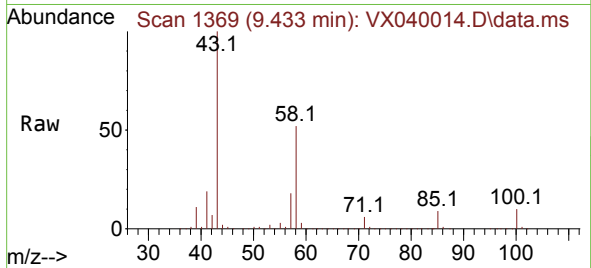




#59
2-Hexanone
Concen: 773.586 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

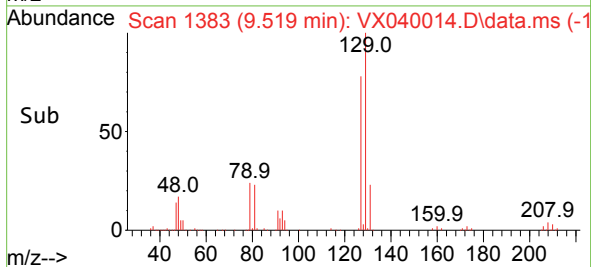
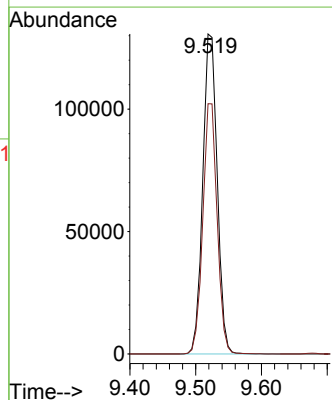
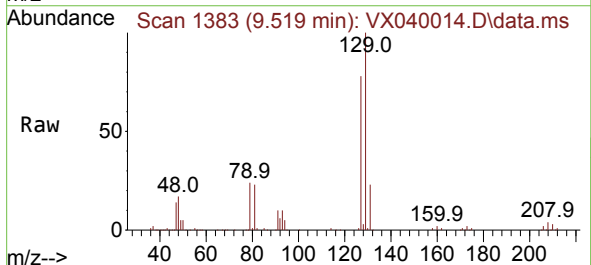
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

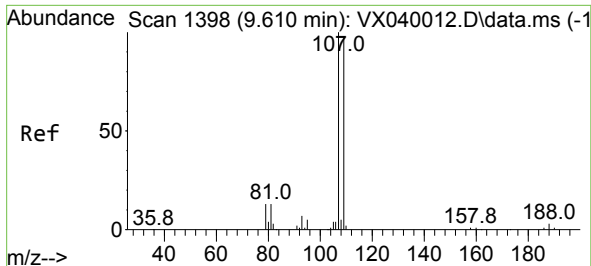
Tgt Ion: 43 Resp: 1190680
Ion Ratio Lower Upper
43 100
58 52.8 26.2 78.5



#60
Dibromochloromethane
Concen: 160.851 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

Tgt Ion: 129 Resp: 199421
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.4

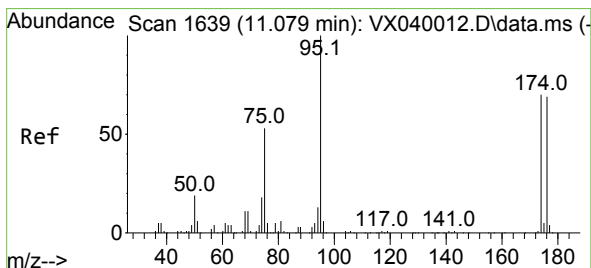
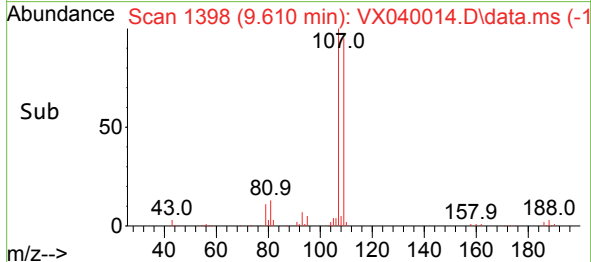
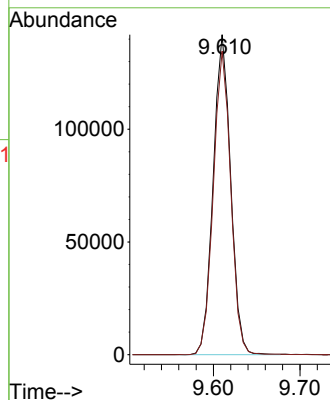
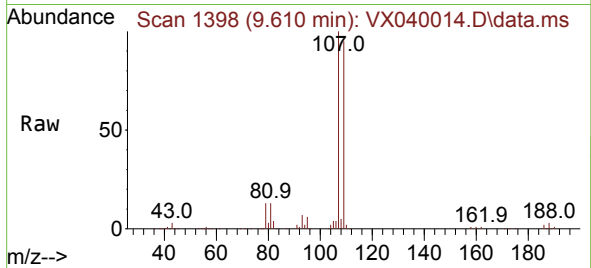




#61
1,2-Dibromoethane
Concen: 149.266 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

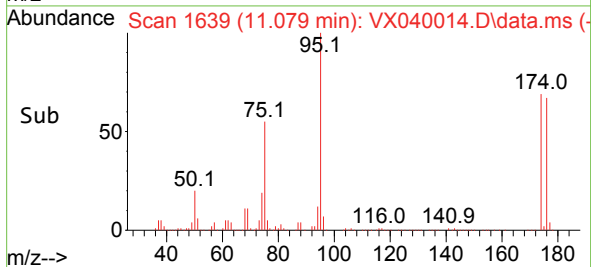
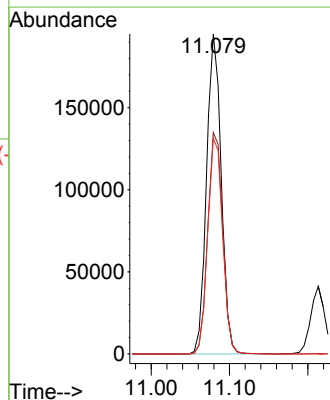
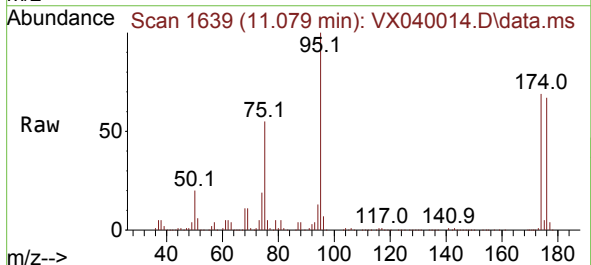
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

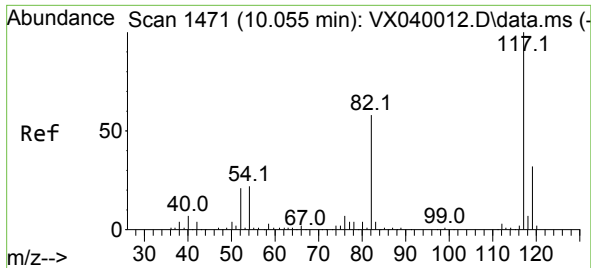
Tgt Ion:107 Resp: 199113
Ion Ratio Lower Upper
107 100
109 94.7 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 154.385 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

Tgt Ion: 95 Resp: 252405
Ion Ratio Lower Upper
95 100
174 70.8 0.0 135.6
176 68.5 0.0 131.0

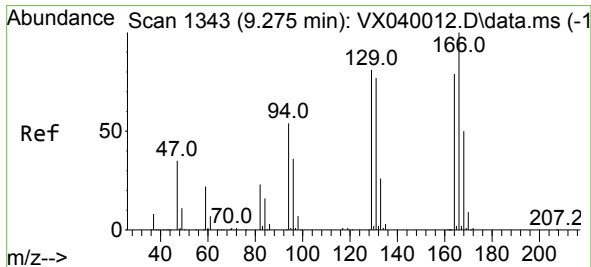
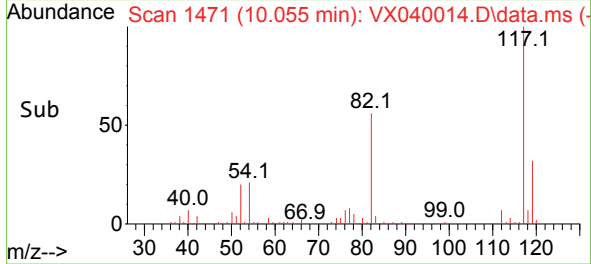
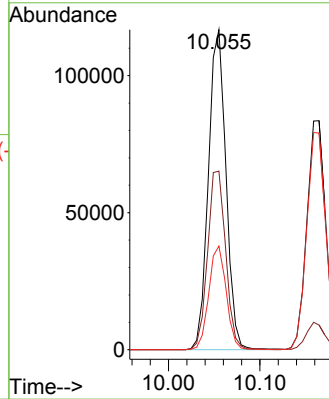
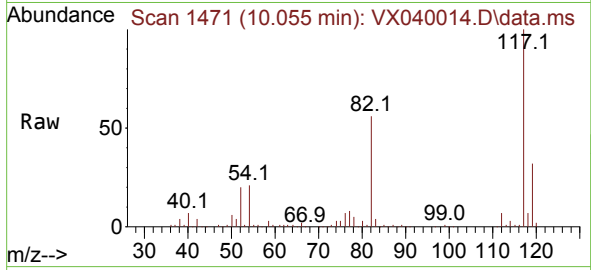




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

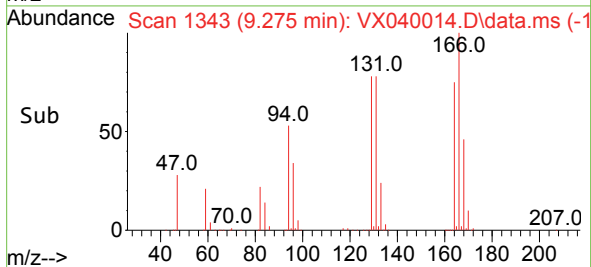
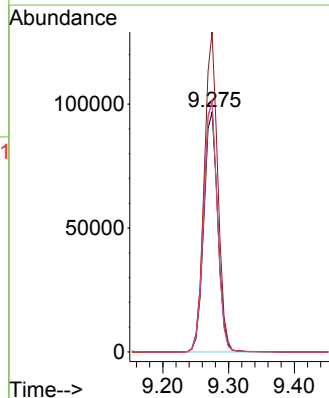
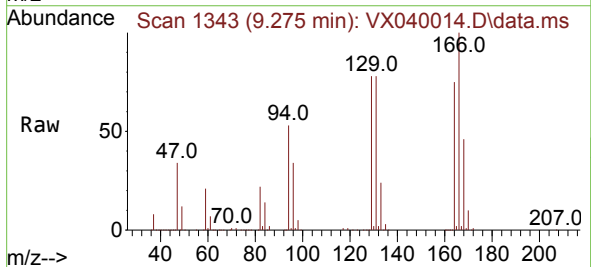
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

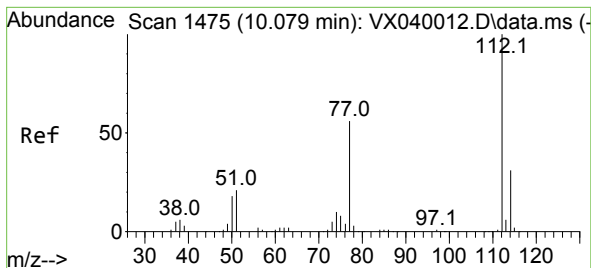
Tgt Ion:117 Resp: 156022
Ion Ratio Lower Upper
117 100
82 55.8 46.2 69.4
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 140.699 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

Tgt Ion:164 Resp: 142837
Ion Ratio Lower Upper
164 100
166 133.5 102.7 154.1
129 104.5 80.4 120.6
131 104.4 76.5 114.7

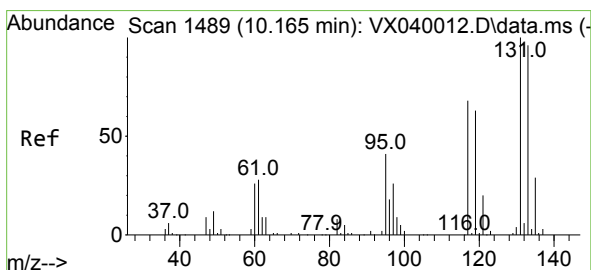
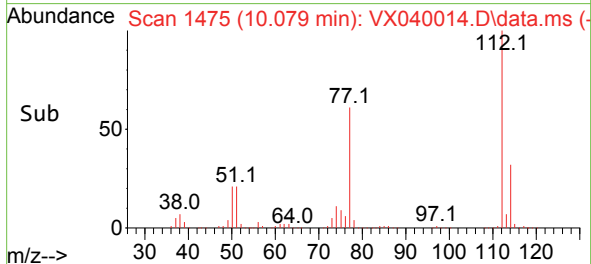
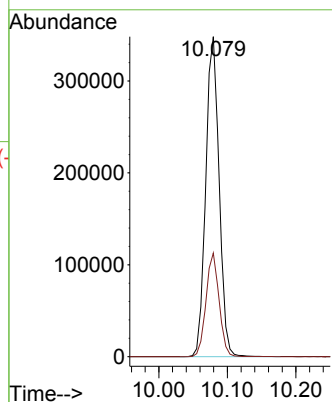
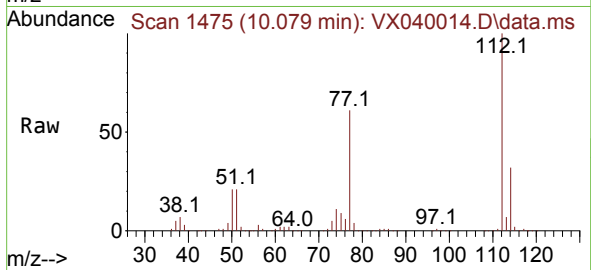




#65
Chlorobenzene
Concen: 146.841 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

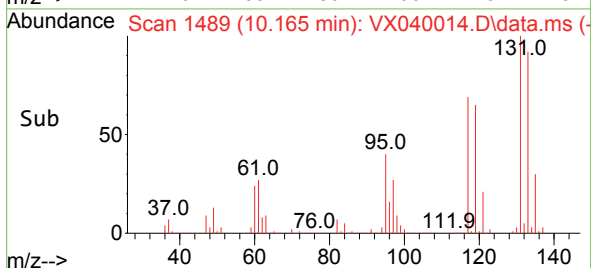
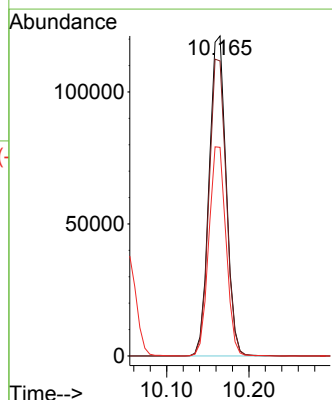
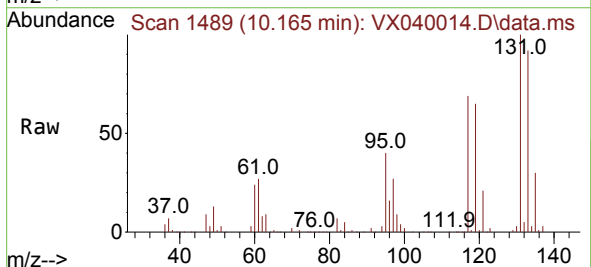
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

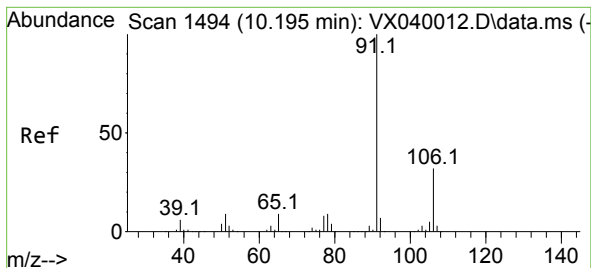
Tgt Ion:112 Resp: 473554
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 159.838 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

Tgt Ion:131 Resp: 174079
Ion Ratio Lower Upper
131 100
133 93.8 47.1 141.4
119 66.1 32.2 96.6





#67

Ethyl Benzene

Concen: 151.930 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX040014.D

Acq: 30 Jan 2024 12:28

Instrument :

MSVOA_X

ClientSampleId :

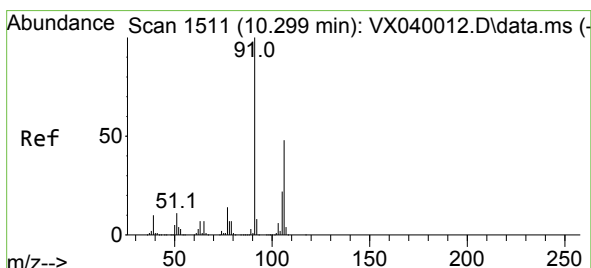
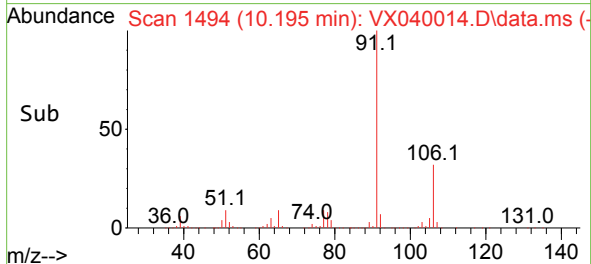
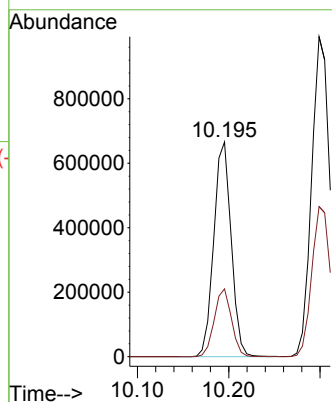
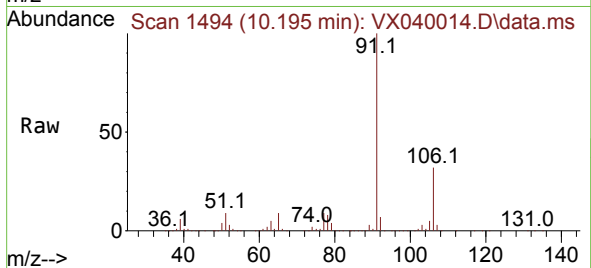
VSTDIC150

Tgt Ion: 91 Resp: 879106

Ion Ratio Lower Upper

91 100

106 31.6 24.9 37.3



#68

m/p-Xylenes

Concen: 301.799 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX040014.D

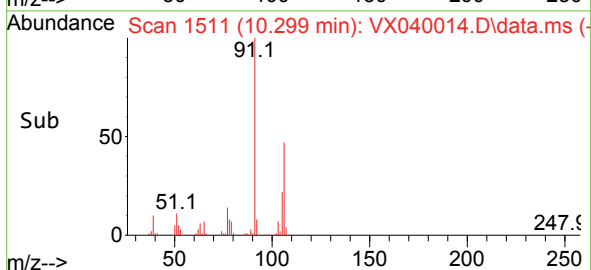
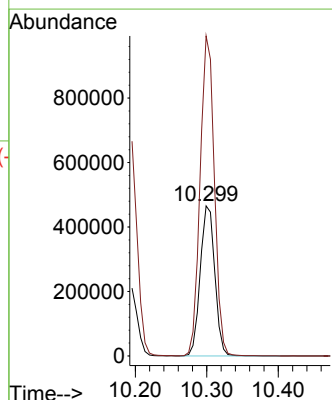
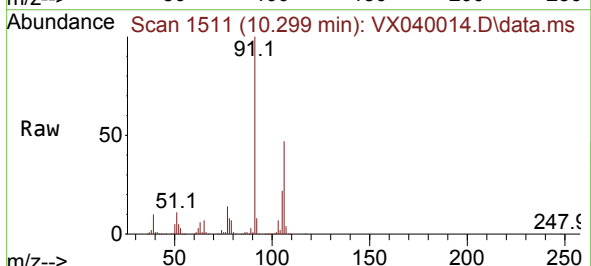
Acq: 30 Jan 2024 12:28

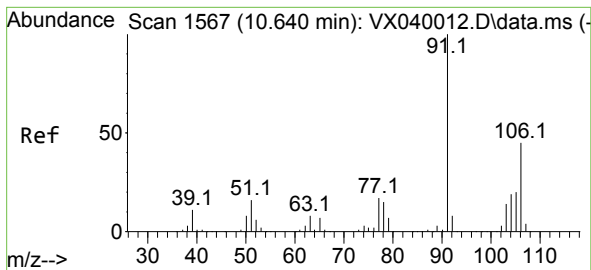
Tgt Ion: 106 Resp: 656962

Ion Ratio Lower Upper

106 100

91 209.3 165.5 248.3

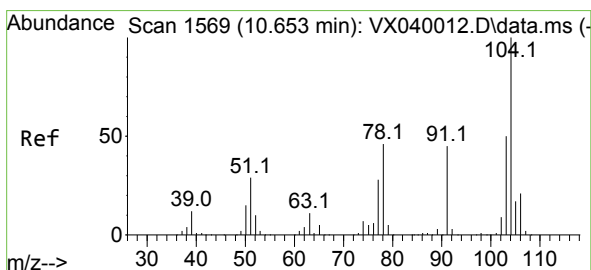
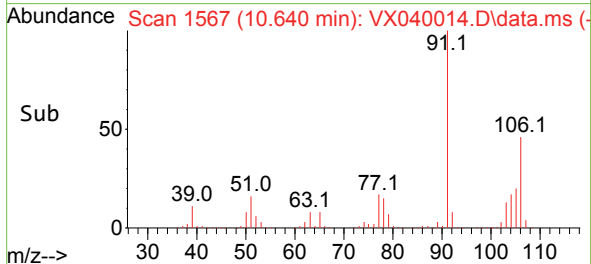
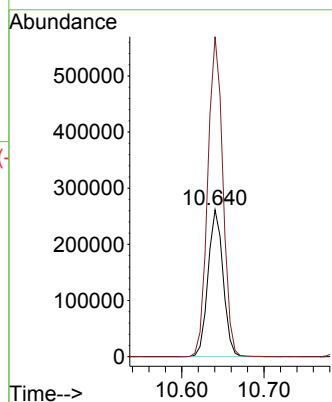
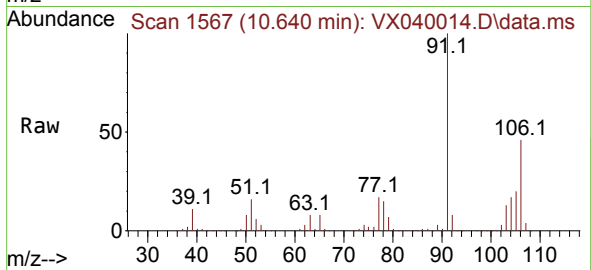




#69
o-Xylene
Concen: 160.752 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

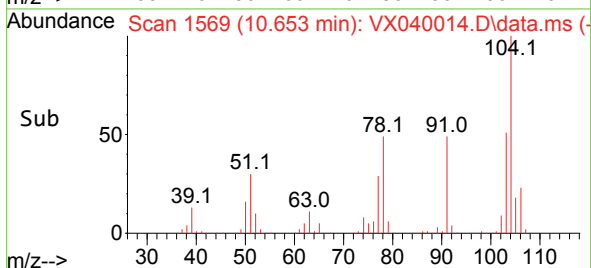
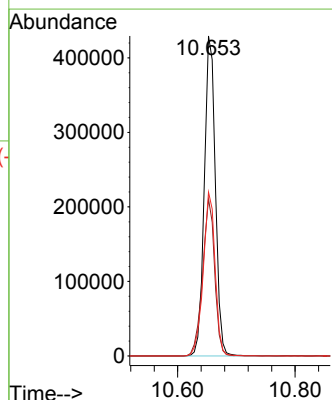
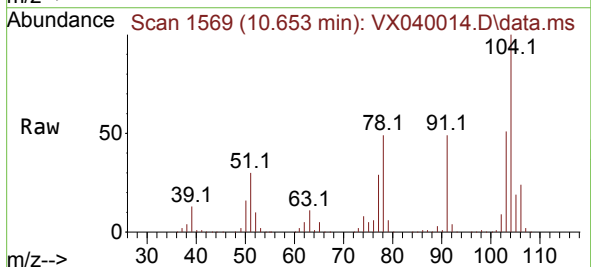
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

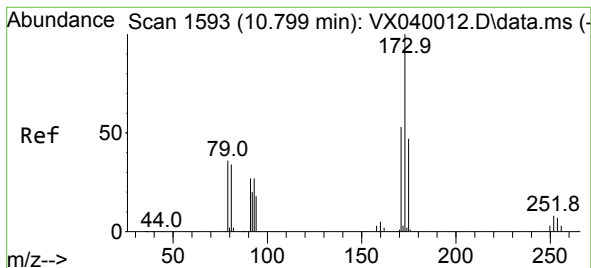
Tgt Ion:106 Resp: 331928
Ion Ratio Lower Upper
106 100
91 219.2 108.9 326.8



#70
Styrene
Concen: 161.773 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

Tgt Ion:104 Resp: 562988
Ion Ratio Lower Upper
104 100
78 53.6 43.6 65.4
103 55.0 43.6 65.4





#71

Bromoform

Concen: 149.988 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040014.D

Acq: 30 Jan 2024 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

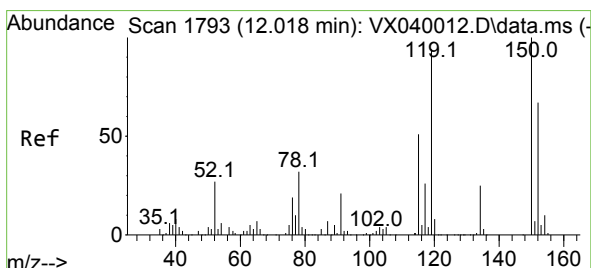
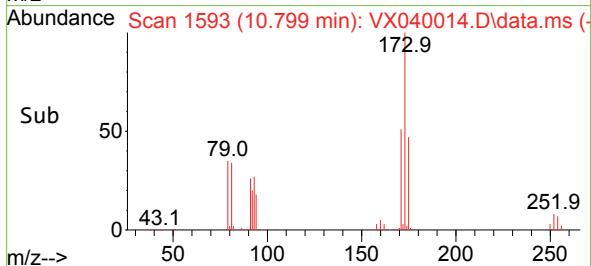
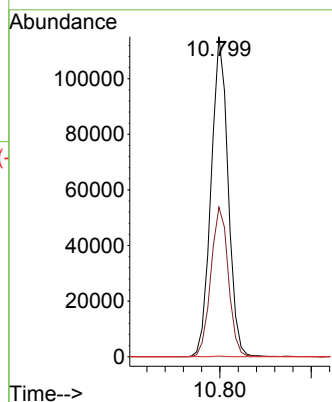
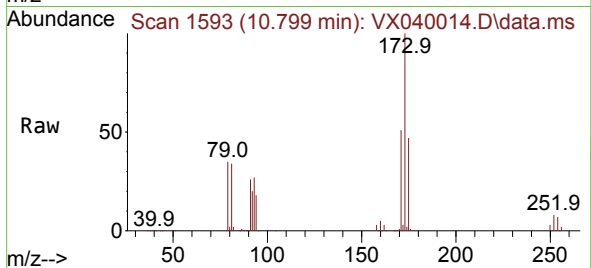
Tgt Ion:173 Resp: 148130

Ion Ratio Lower Upper

173 100

175 48.0 24.1 72.4

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX040014.D

Acq: 30 Jan 2024 12:28

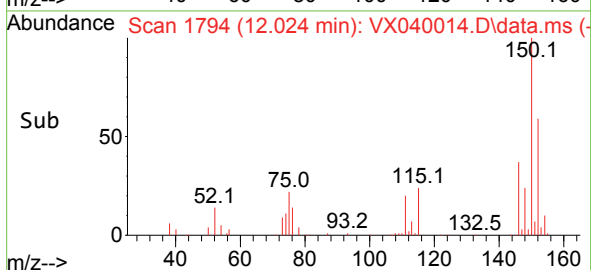
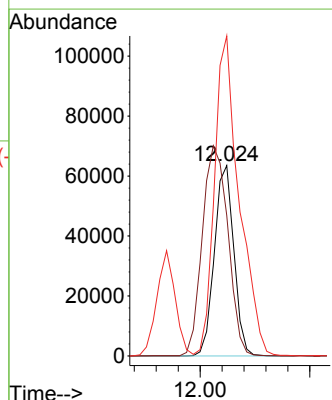
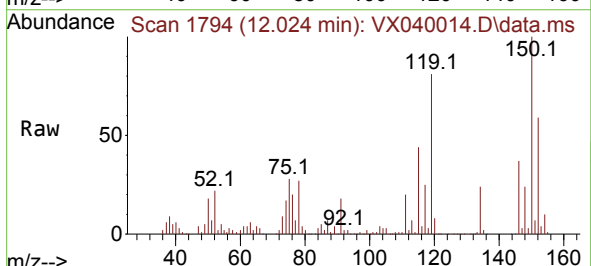
Tgt Ion:152 Resp: 78289

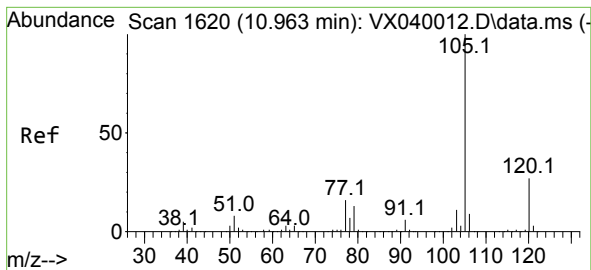
Ion Ratio Lower Upper

152 100

115 145.8 43.3 129.9#

150 213.5 0.0 345.0





#73

Isopropylbenzene

Concen: 155.579 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040014.D

Acq: 30 Jan 2024 12:28

Instrument :

MSVOA_X

ClientSampleId :

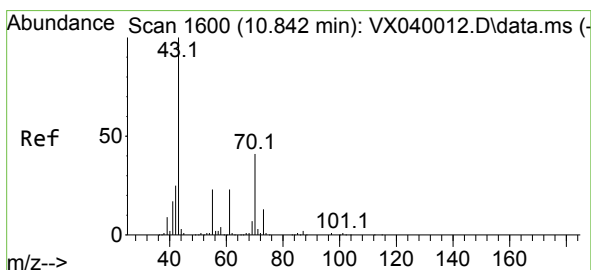
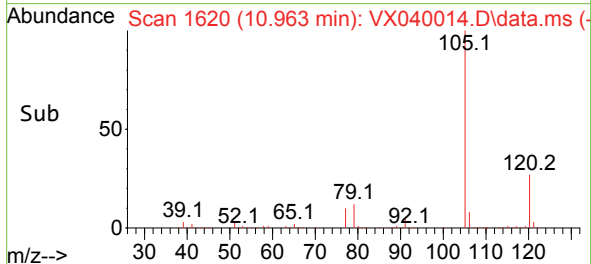
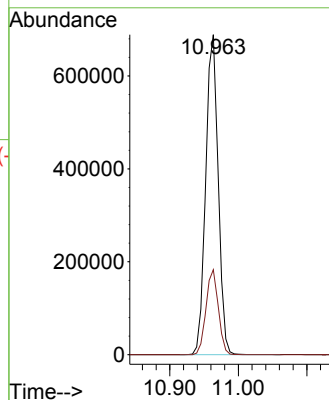
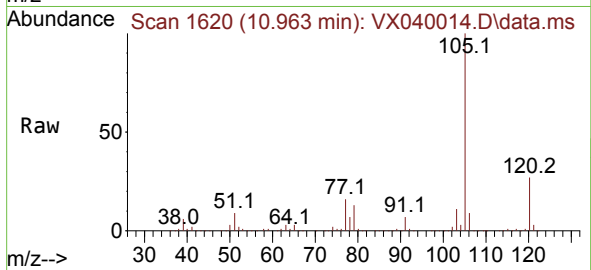
VSTDIC150

Tgt Ion:105 Resp: 874628

Ion Ratio Lower Upper

105 100

120 26.2 12.9 38.6



#74

N-ethyl acetate

Concen: 149.926 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX040014.D

Acq: 30 Jan 2024 12:28

Tgt Ion: 43 Resp: 445323

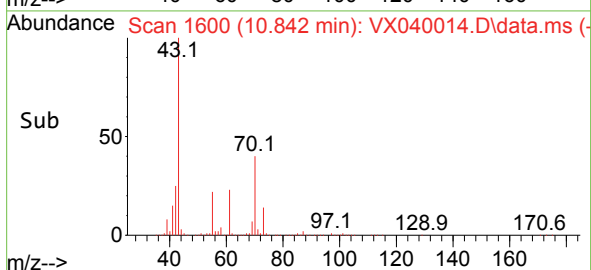
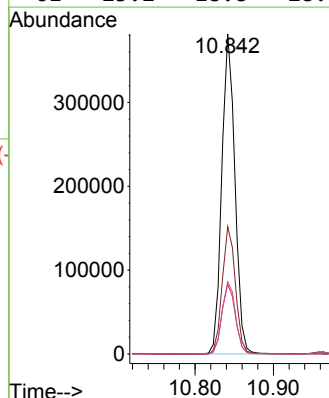
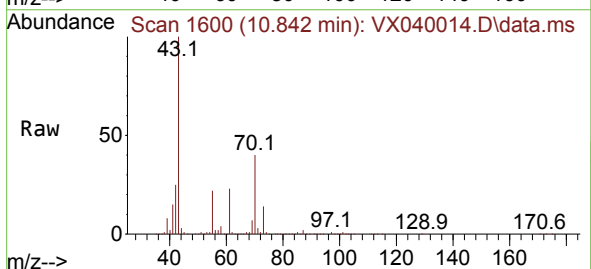
Ion Ratio Lower Upper

43 100

70 40.2 32.9 49.3

55 22.5 19.3 28.9

61 23.2 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 149.432 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040014.D

Acq: 30 Jan 2024 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

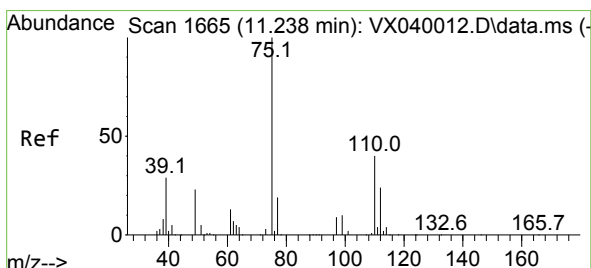
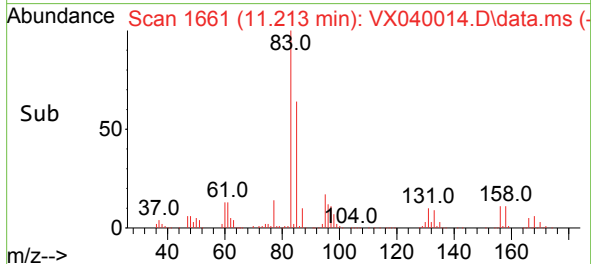
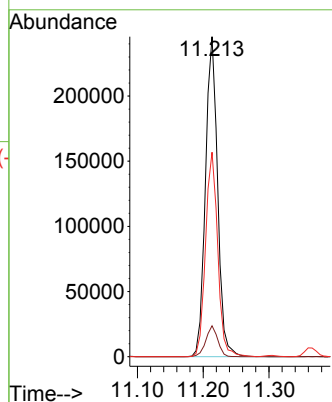
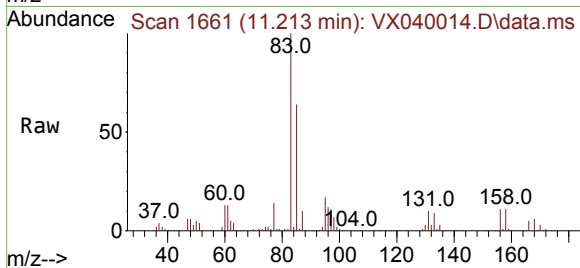
Tgt Ion: 83 Resp: 315841

Ion Ratio Lower Upper

83 100

131 9.4 5.3 15.8

85 64.1 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 212.529 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX040014.D

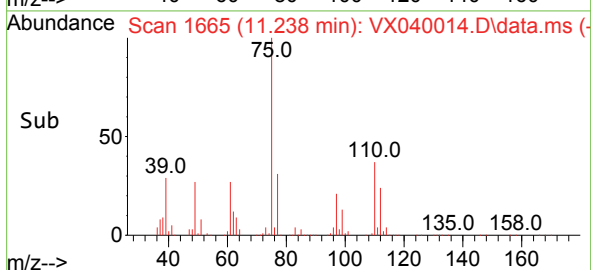
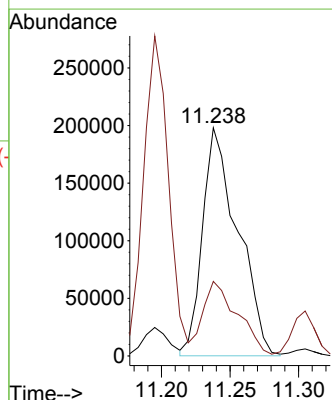
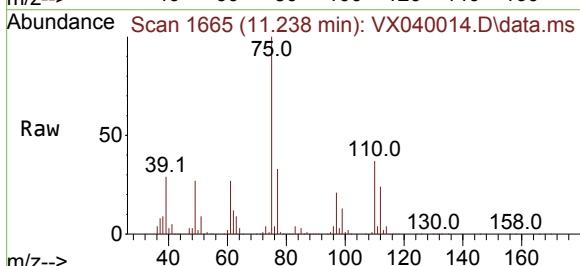
Acq: 30 Jan 2024 12:28

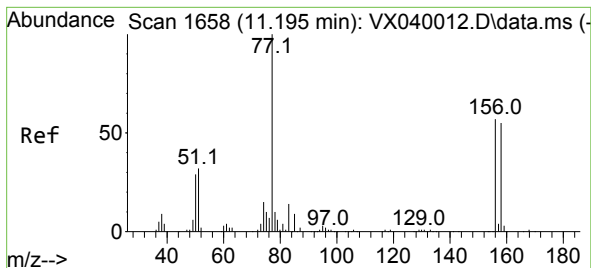
Tgt Ion: 75 Resp: 354324

Ion Ratio Lower Upper

75 100

77 32.4 19.1 57.5





#77

Bromobenzene

Concen: 155.781 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040014.D

Acq: 30 Jan 2024 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

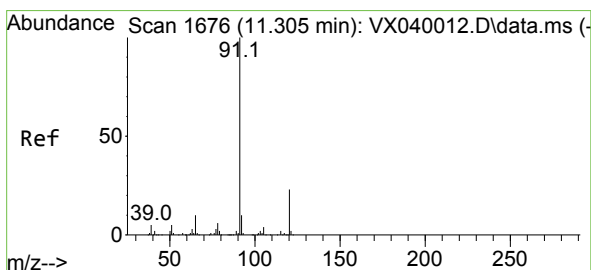
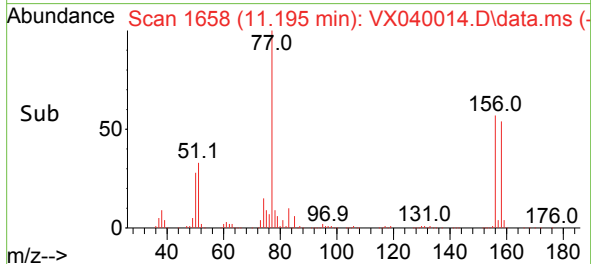
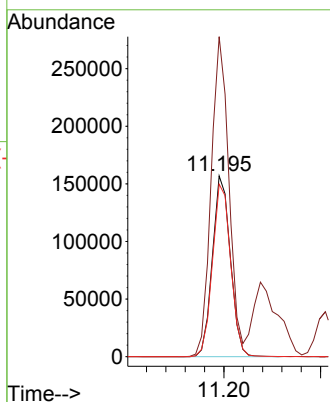
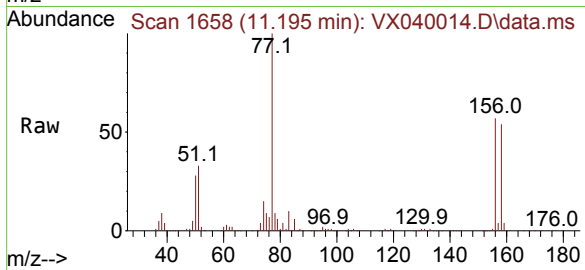
Tgt Ion:156 Resp: 202017

Ion Ratio Lower Upper

156 100

77 174.8 88.4 265.3

158 96.9 48.0 144.0



#78

n-propylbenzene

Concen: 156.256 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX040014.D

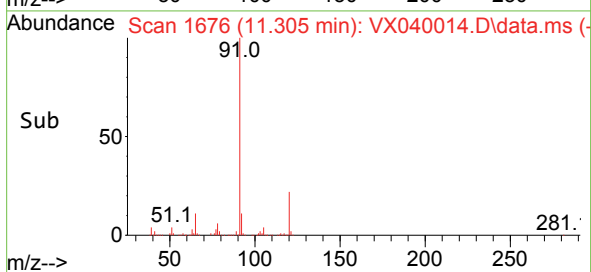
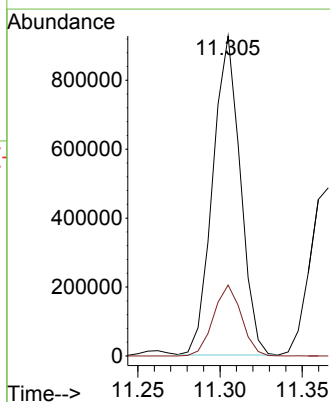
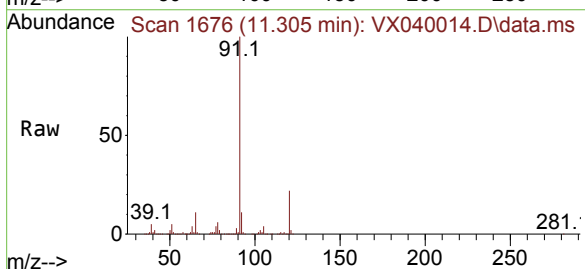
Acq: 30 Jan 2024 12:28

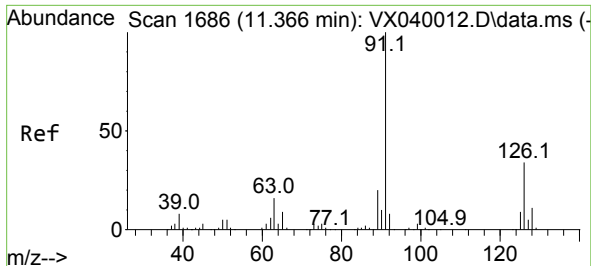
Tgt Ion: 91 Resp: 1080977

Ion Ratio Lower Upper

91 100

120 22.4 11.5 34.4

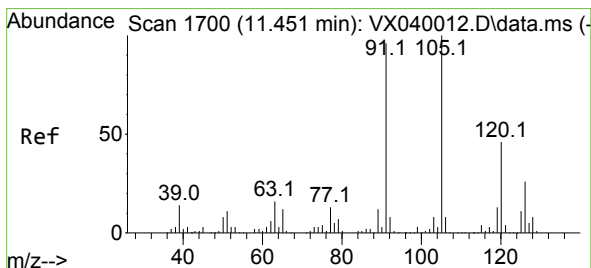
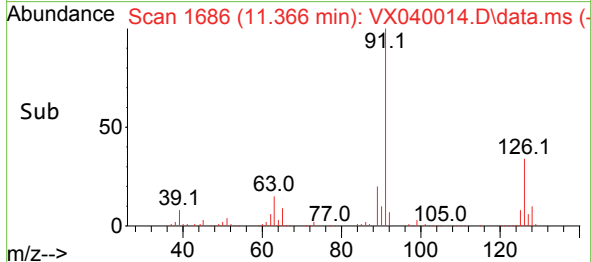
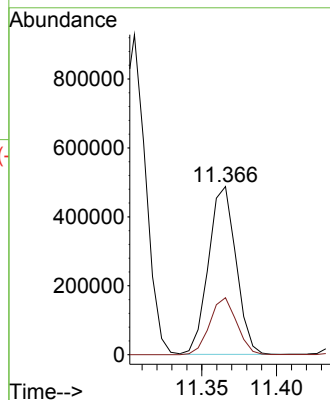
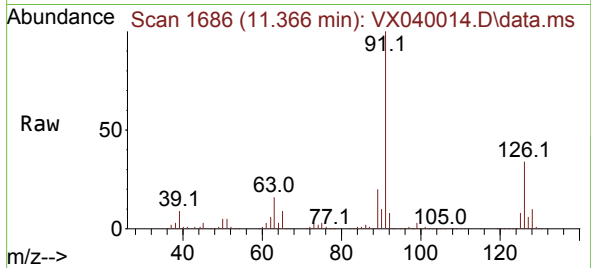




#79
2-Chlorotoluene
Concen: 149.838 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

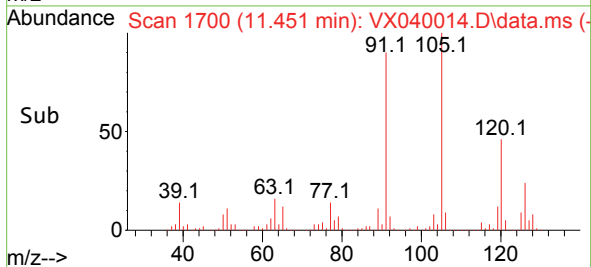
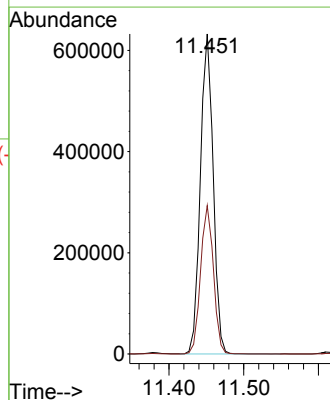
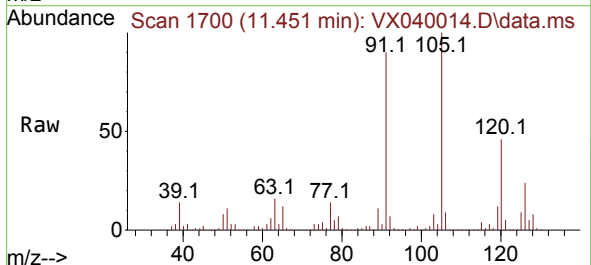
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

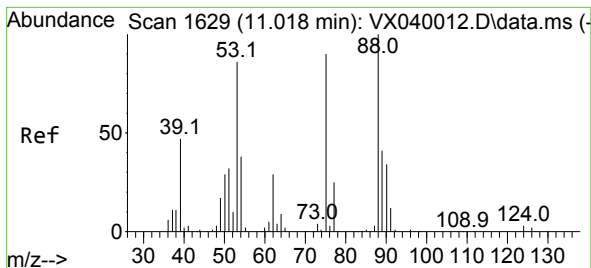
Tgt Ion: 91 Resp: 624039
Ion Ratio Lower Upper
91 100
126 33.3 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 155.174 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

Tgt Ion: 105 Resp: 749887
Ion Ratio Lower Upper
105 100
120 46.6 24.1 72.3

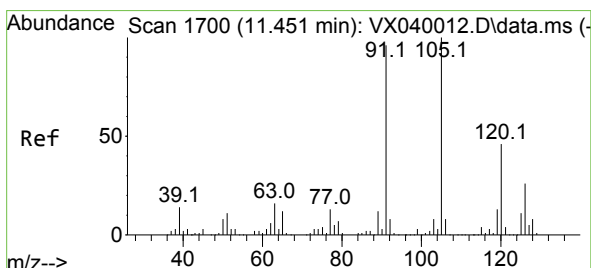
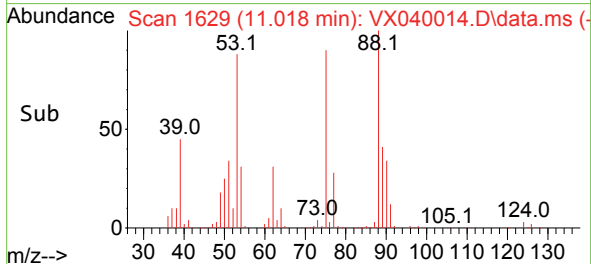
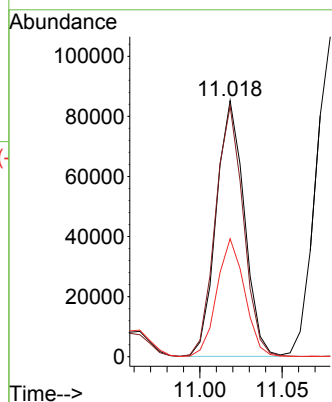
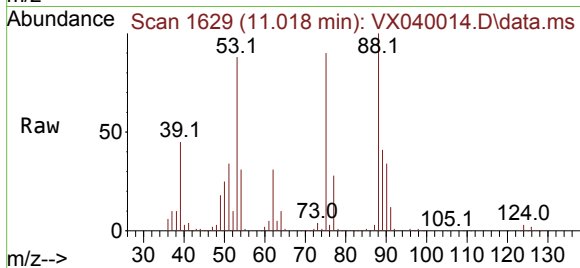




#81
trans-1,4-Dichloro-2-butene
Concen: 150.154 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

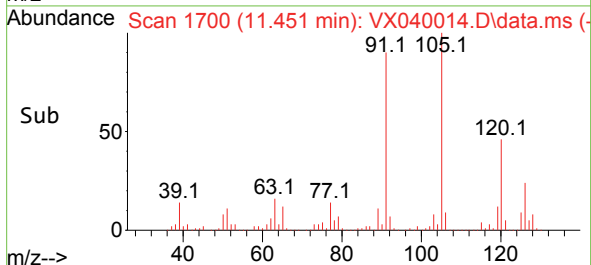
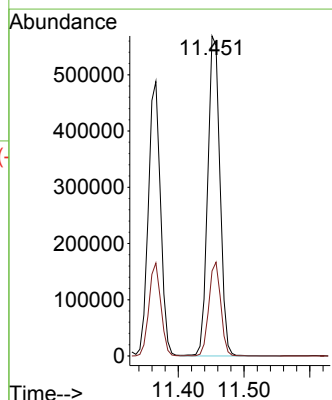
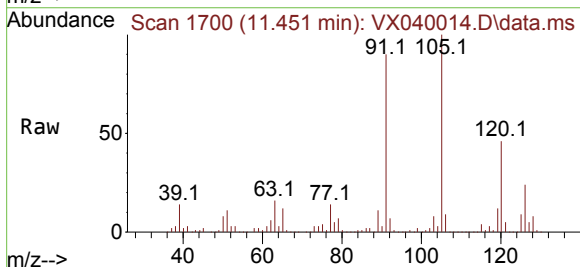
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

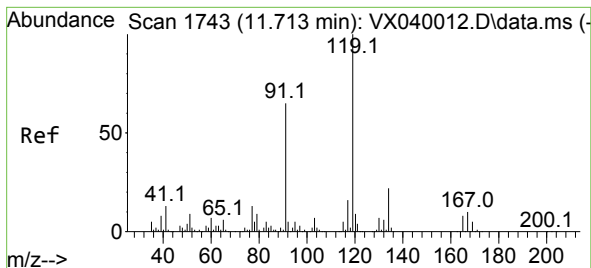
Tgt Ion: 75 Resp: 101302
Ion Ratio Lower Upper
75 100
53 97.2 90.5 135.7
89 45.3 36.9 55.3



#82
4-Chlorotoluene
Concen: 154.139 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

Tgt Ion: 91 Resp: 736802
Ion Ratio Lower Upper
91 100
126 28.5 14.2 42.6





#83

tert-Butylbenzene

Concen: 155.789 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040014.D

Acq: 30 Jan 2024 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

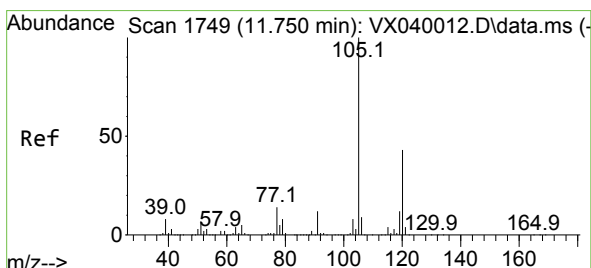
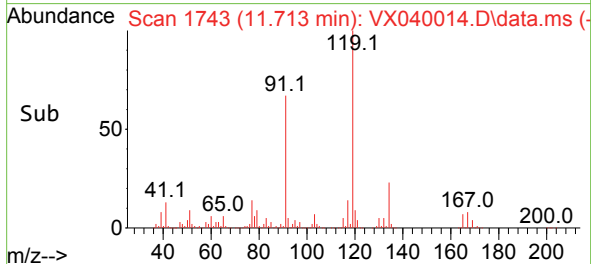
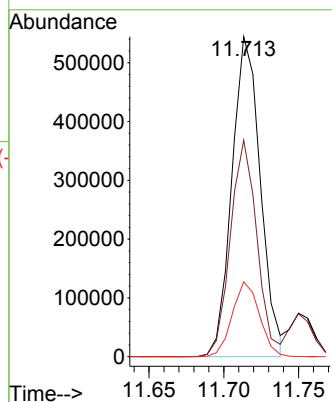
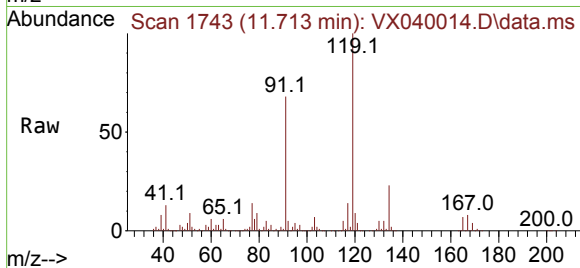
Tgt Ion:119 Resp: 720423

Ion Ratio Lower Upper

119 100

91 63.3 31.2 93.6

134 22.4 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 158.309 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040014.D

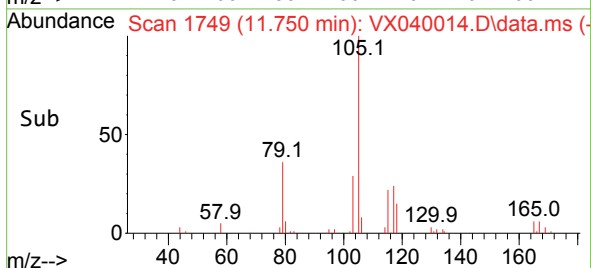
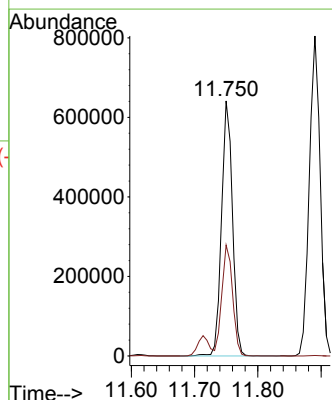
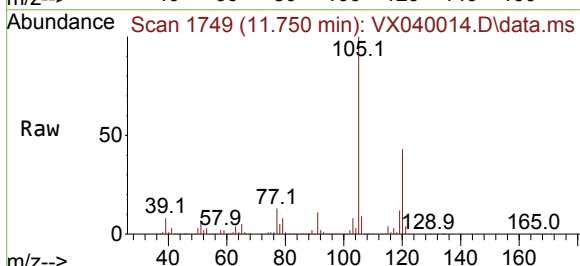
Acq: 30 Jan 2024 12:28

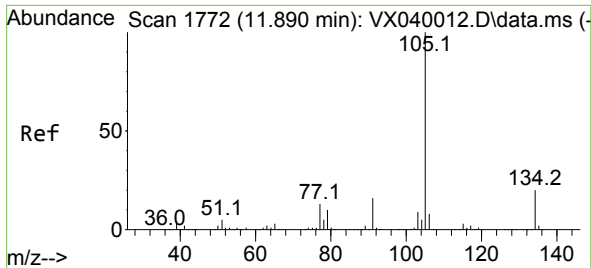
Tgt Ion:105 Resp: 763404

Ion Ratio Lower Upper

105 100

120 42.8 21.2 63.6

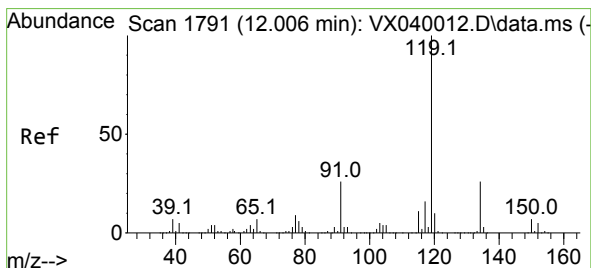
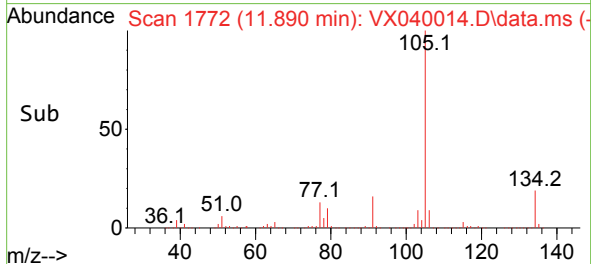
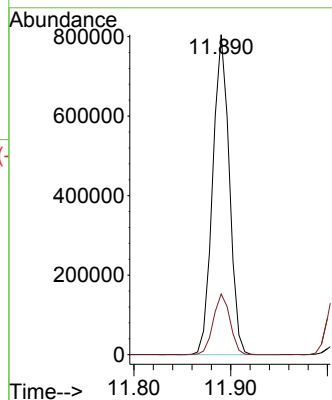
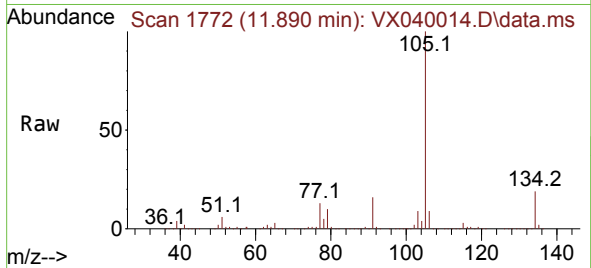




#85
 sec-Butylbenzene
 Concen: 156.622 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040014.D
 Acq: 30 Jan 2024 12:28

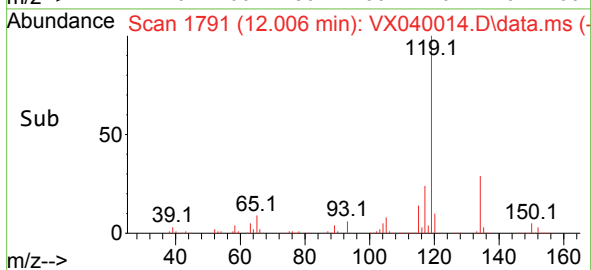
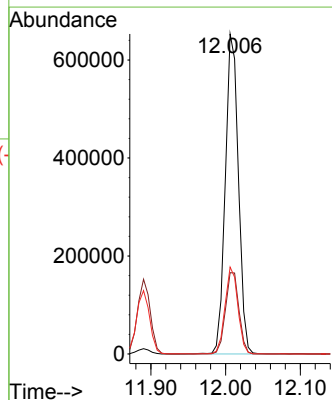
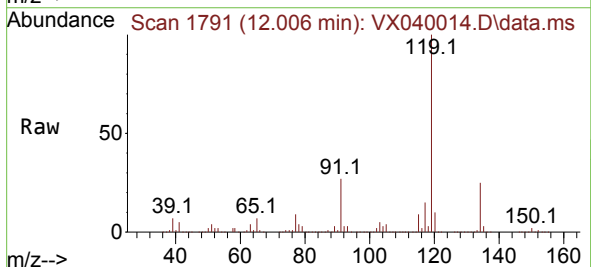
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

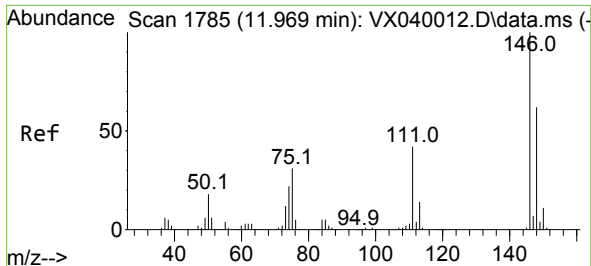
Tgt Ion:105 Resp: 959570
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 158.875 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040014.D
 Acq: 30 Jan 2024 12:28

Tgt Ion:119 Resp: 794840
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 26.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 151.044 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040014.D

Acq: 30 Jan 2024 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

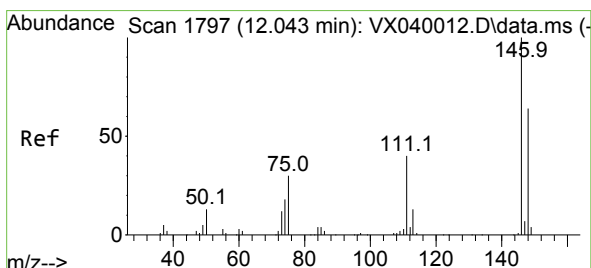
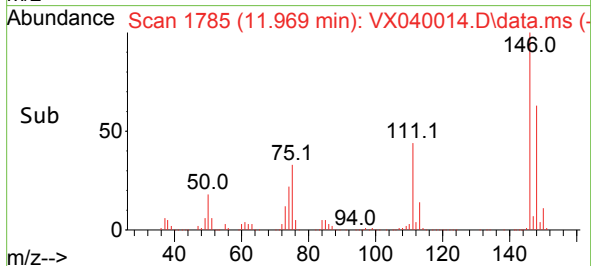
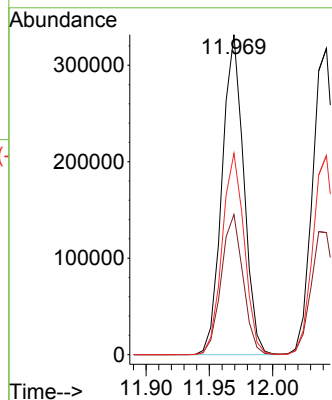
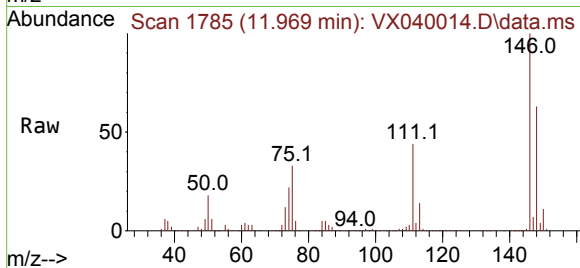
Tgt Ion:146 Resp: 395144

Ion Ratio Lower Upper

146 100

111 44.0 22.1 66.1

148 64.0 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 149.393 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX040014.D

Acq: 30 Jan 2024 12:28

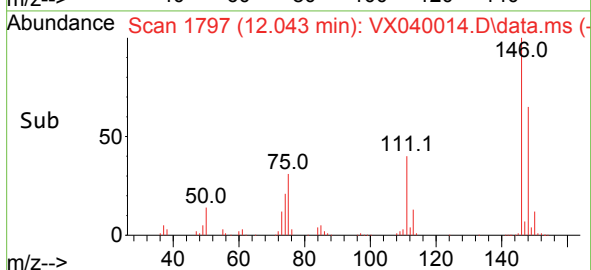
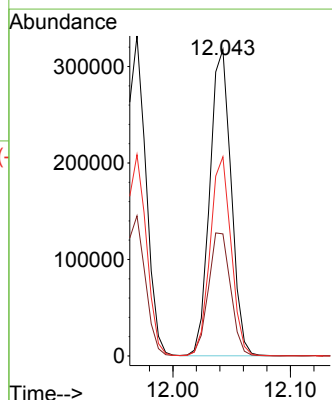
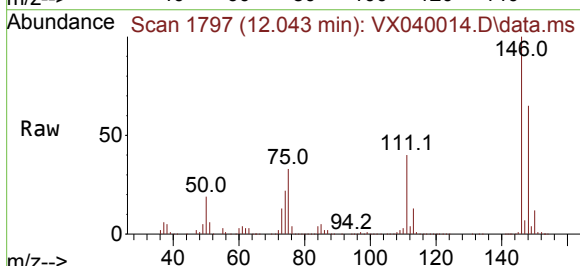
Tgt Ion:146 Resp: 400071

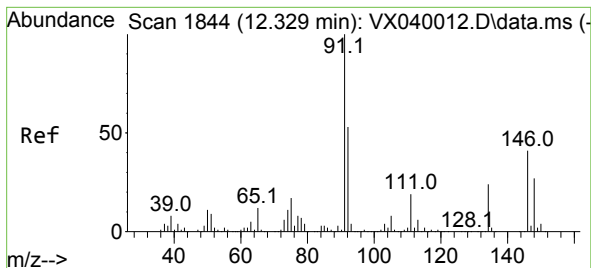
Ion Ratio Lower Upper

146 100

111 41.8 21.3 63.7

148 64.1 31.8 95.4





#89

n-Butylbenzene

Concen: 161.228 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX040014.D

Acq: 30 Jan 2024 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

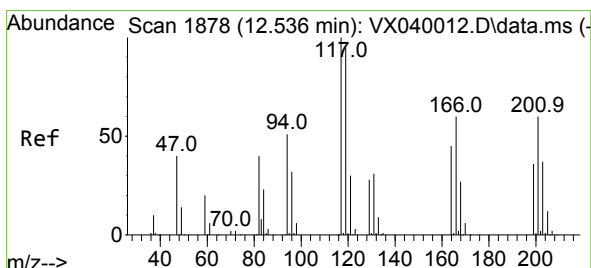
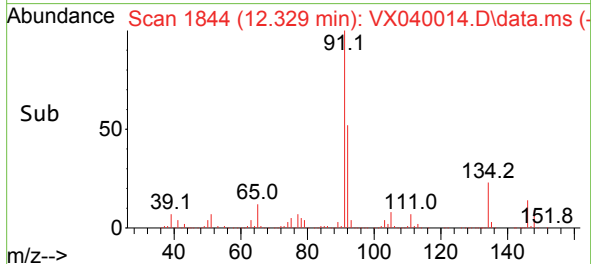
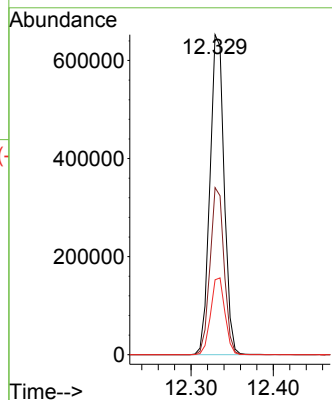
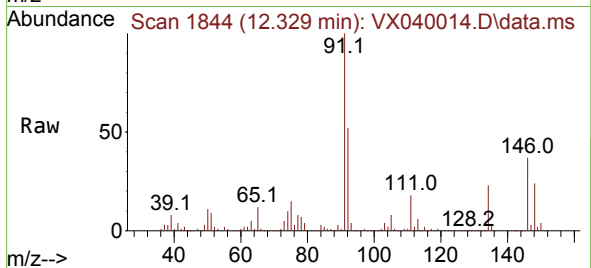
Tgt Ion: 91 Resp: 782904

Ion Ratio Lower Upper

91 100

92 51.7 27.4 82.0

134 24.2 12.6 37.8



#90

Hexachloroethane

Concen: 150.104 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX040014.D

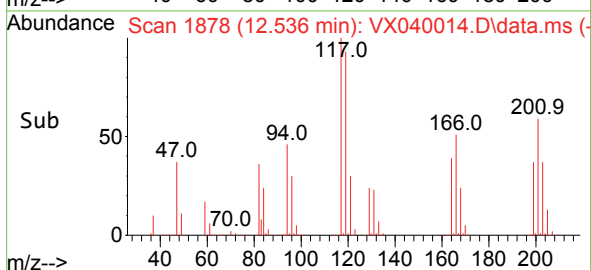
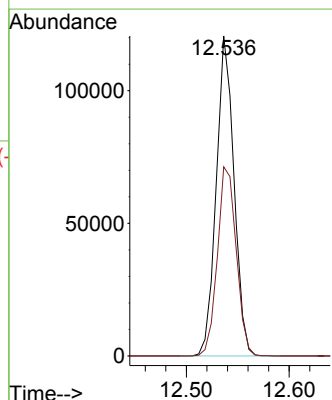
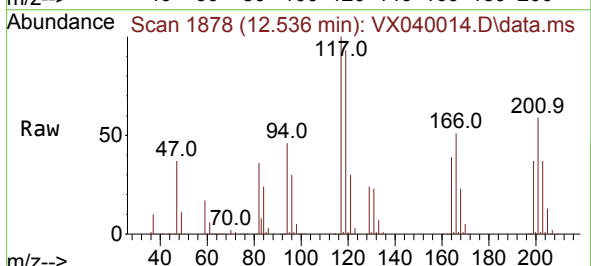
Acq: 30 Jan 2024 12:28

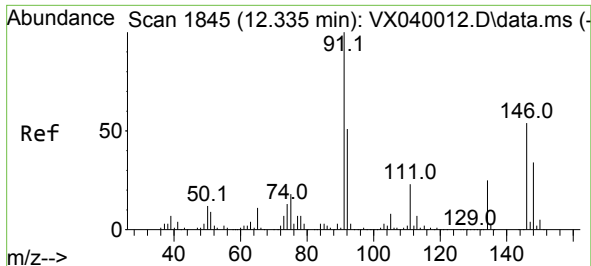
Tgt Ion: 117 Resp: 144712

Ion Ratio Lower Upper

117 100

201 62.9 32.9 98.6

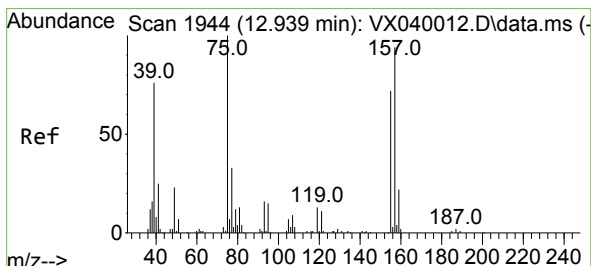
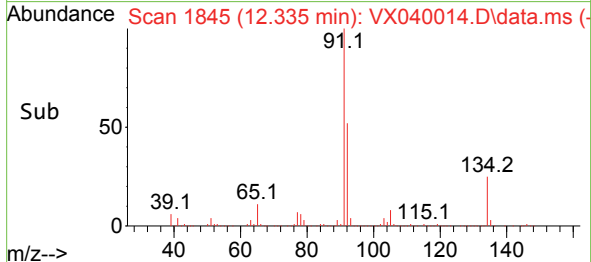
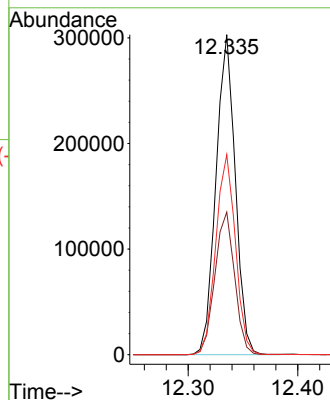
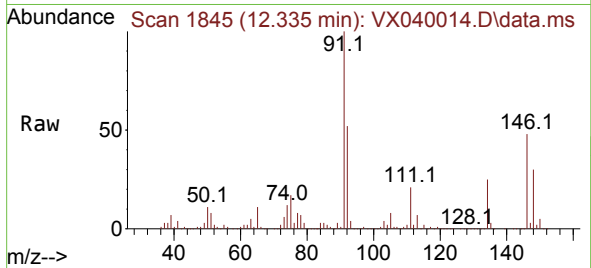




#91
1,2-Dichlorobenzene
Concen: 147.312 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

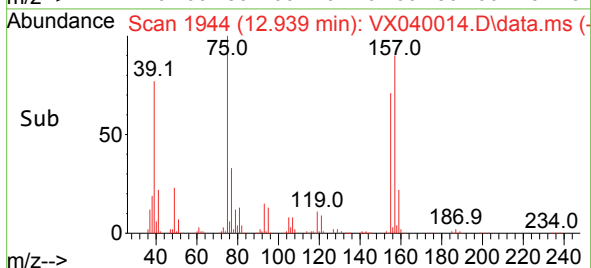
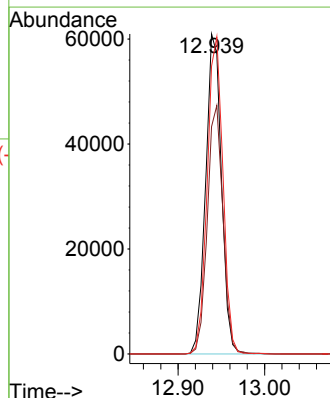
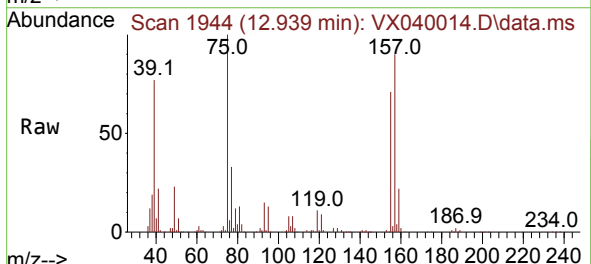
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

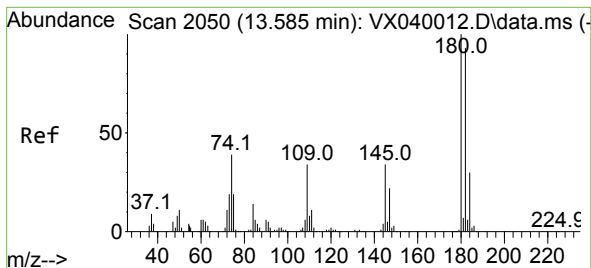
Tgt Ion:146 Resp: 371578
Ion Ratio Lower Upper
146 100
111 45.5 22.4 67.0
148 63.7 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 161.256 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX040014.D
Acq: 30 Jan 2024 12:28

Tgt Ion: 75 Resp: 77259
Ion Ratio Lower Upper
75 100
155 76.8 36.1 108.5
157 98.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 156.140 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040014.D

Acq: 30 Jan 2024 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

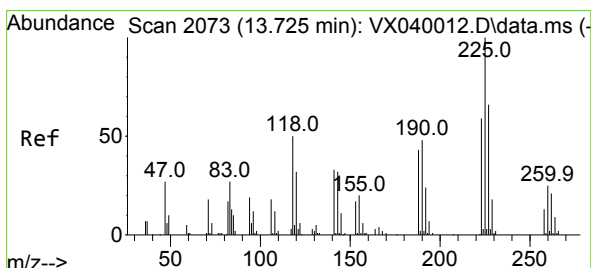
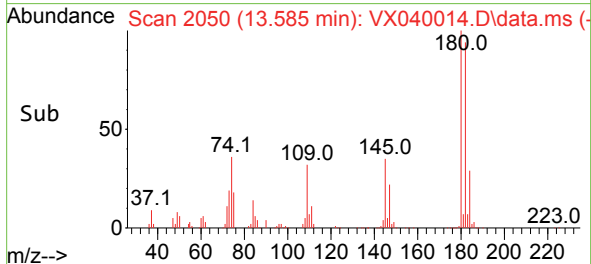
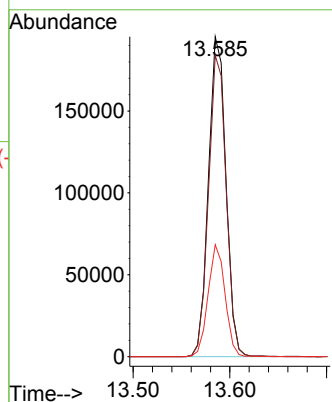
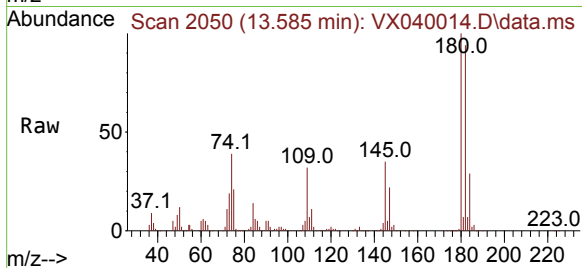
Tgt Ion:180 Resp: 246198

Ion Ratio Lower Upper

180 100

182 94.9 48.3 144.8

145 34.0 18.0 54.0



#94

Hexachlorobutadiene

Concen: 146.670 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX040014.D

Acq: 30 Jan 2024 12:28

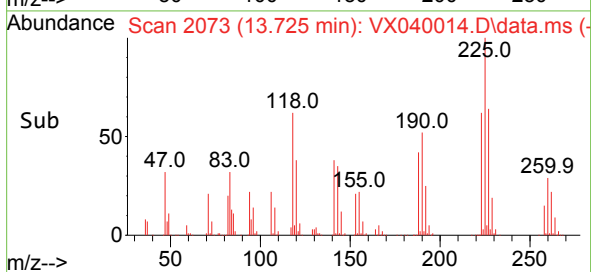
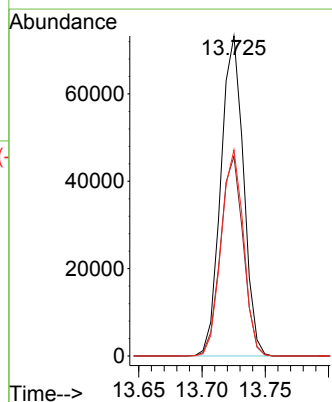
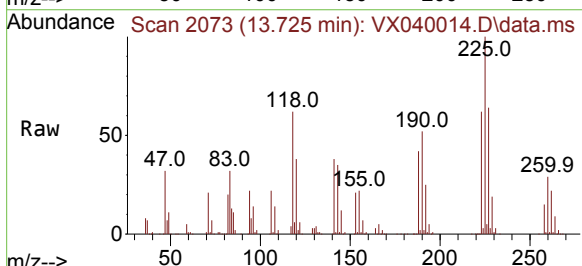
Tgt Ion:225 Resp: 91098

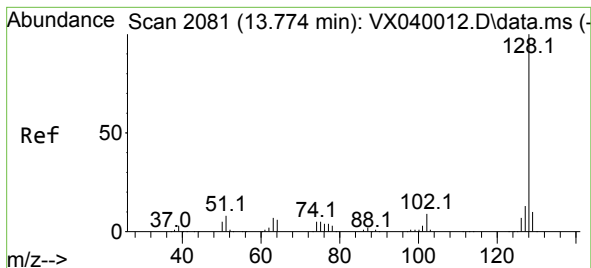
Ion Ratio Lower Upper

225 100

223 62.3 31.1 93.2

227 63.3 32.5 97.5





#95

Naphthalene

Concen: 165.661 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040014.D

Acq: 30 Jan 2024 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

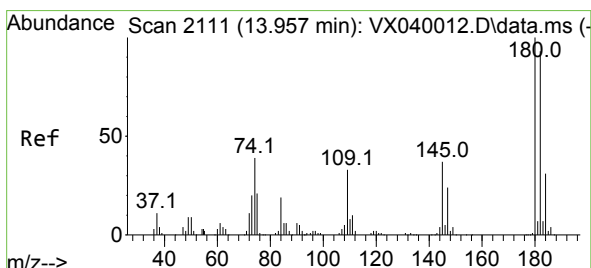
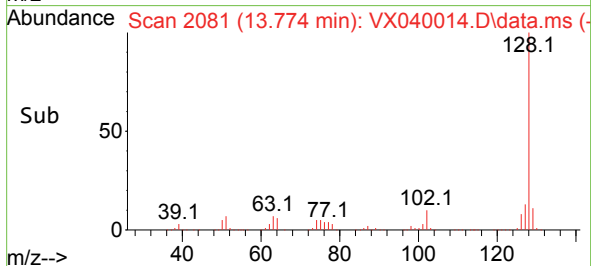
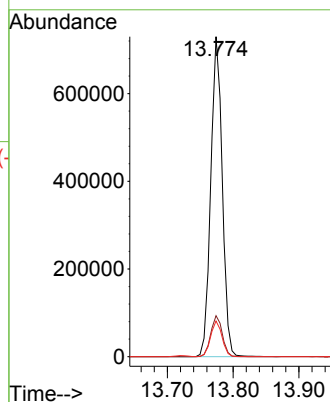
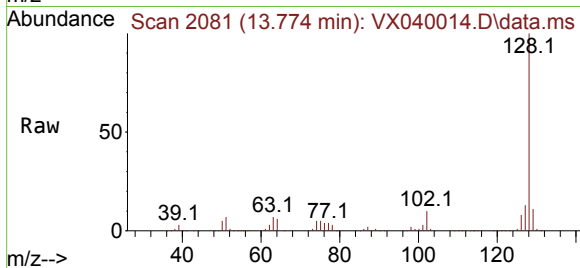
Tgt Ion:128 Resp: 887193

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 154.041 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX040014.D

Acq: 30 Jan 2024 12:28

Tgt Ion:180 Resp: 240150

Ion Ratio Lower Upper

180 100

182 95.3 46.9 140.6

145 36.4 17.8 53.5

