

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080723\
 Data File : VY014969.D
 Acq On : 07 Aug 2023 17:37
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 08 07:52:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	317007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	518138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	469694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	228565	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	569937	148.335	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 296.680%#	
35) Dibromofluoromethane	7.710	113	500697	151.113	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 302.220%#	
50) Toluene-d8	10.179	98	1841866	146.046	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 292.100%#	
62) 4-Bromofluorobenzene	12.477	95	665686	148.931	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 297.860%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	235297	149.416	ug/l	97
3) Chloromethane	2.107	50	318022	127.473	ug/l	99
4) Vinyl Chloride	2.247	62	393636	128.047	ug/l	97
5) Bromomethane	2.613	94	221734	118.496	ug/l	99
6) Chloroethane	2.765	64	280065	131.948	ug/l	98
7) Trichlorofluoromethane	3.107	101	655592	134.952	ug/l	99
8) Diethyl Ether	3.521	74	256127	142.879	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.887	101	394598	137.214	ug/l	96
10) Methyl Iodide	4.082	142	453603	152.561	ug/l	98
11) Tert butyl alcohol	4.960	59	473573	510.707	ug/l #	85
12) 1,1-Dichloroethene	3.857	96	347034	138.498	ug/l	94
13) Acrolein	3.722	56	267862	849.135	ug/l	99
14) Allyl chloride	4.466	41	598129	143.346	ug/l	96
15) Acrylonitrile	5.155	53	799420	729.958	ug/l	99
16) Acetone	3.942	43	828621	691.599	ug/l	94
17) Carbon Disulfide	4.180	76	741701	133.881	ug/l	98
18) Methyl Acetate	4.472	43	645692	147.986	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	1385128	146.112	ug/l	99
20) Methylene Chloride	4.704	84	495645	149.451	ug/l	92
21) trans-1,2-Dichloroethene	5.210	96	396496	138.823	ug/l	95
22) Diisopropyl ether	6.112	45	1431838	147.321	ug/l	93
23) Vinyl Acetate	6.051	43	4401790	753.408	ug/l	95
24) 1,1-Dichloroethane	6.009	63	786086	142.591	ug/l	97
25) 2-Butanone	6.978	43	1215485	708.296	ug/l	96
26) 2,2-Dichloropropane	6.972	77	740191	132.693	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	510941	141.362	ug/l	96
28) Bromochloromethane	7.325	49	343942	138.398	ug/l	95
29) Tetrahydrofuran	7.344	42	738574	733.923	ug/l	92
30) Chloroform	7.502	83	857642	143.213	ug/l	96
31) Cyclohexane	7.777	56	560534	147.904	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	754107	142.889	ug/l	99
36) 1,1-Dichloropropene	7.911	75	579137	140.785	ug/l	100
37) Ethyl Acetate	7.069	43	477389	146.203	ug/l #	96
38) Carbon Tetrachloride	7.892	117	660348	142.792	ug/l	99
39) Methylcyclohexane	9.179	83	676002	138.186	ug/l	94
40) Benzene	8.155	78	1701694	140.485	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	681011	429.168	ug/l	# 28
42) 1,2-Dichloroethane	8.234	62	606979	143.956	ug/l	96
43) Isopropyl Acetate	8.270	43	904926	149.167	ug/l	98
44) Trichloroethene	8.935	130	486124	139.865	ug/l	98
45) 1,2-Dichloropropane	9.209	63	461973	143.504	ug/l	98
46) Dibromomethane	9.301	93	302598	145.913	ug/l	96
47) Bromodichloromethane	9.490	83	701846	146.965	ug/l	98
48) Methyl methacrylate	9.289	41	406258	152.630	ug/l	95
49) 1,4-Dioxane	9.295	88	112925	2927.481	ug/l	# 55
51) 4-Methyl-2-Pentanone	10.069	43	2553398	746.886	ug/l	94
52) Toluene	10.240	92	1107445	142.073	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	753389	151.488	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	789685	146.969	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	432131	143.369	ug/l	95
56) Ethyl methacrylate	10.508	69	656788	152.179	ug/l	92
57) 1,3-Dichloropropane	10.788	76	720384	144.459	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	1528038	748.783	ug/l	94
59) 2-Hexanone	10.831	43	1893064	749.589	ug/l	92
60) Dibromochloromethane	10.983	129	535233	149.136	ug/l	99
61) 1,2-Dibromoethane	11.087	107	417319	145.055	ug/l	100
64) Tetrachloroethene	10.715	164	464151	131.372	ug/l	97
65) Chlorobenzene	11.514	112	1252774	140.563	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	510876	146.284	ug/l	99
67) Ethyl Benzene	11.587	91	2220243	141.948	ug/l	99
68) m/p-Xylenes	11.697	106	1703208	284.650	ug/l	96
69) o-Xylene	12.026	106	848110	144.854	ug/l	97
70) Styrene	12.038	104	1471389	147.051	ug/l	97
71) Bromoform	12.203	173	364788	151.540	ug/l	# 99
73) Isopropylbenzene	12.325	105	2221660	144.596	ug/l	99
74) N-amyl acetate	12.142	43	815566	155.362	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.575	83	567371	151.107	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	740500	270.379	ug/l	# 100
77) Bromobenzene	12.605	156	537988	144.354	ug/l	96
78) n-propylbenzene	12.666	91	2642433	143.792	ug/l	100
79) 2-Chlorotoluene	12.751	91	1521891	145.311	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	1840003	145.323	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	199325	160.335	ug/l	96
82) 4-Chlorotoluene	12.849	91	1562688	144.332	ug/l	100
83) tert-Butylbenzene	13.068	119	1696366	146.457	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	1840912	145.119	ug/l	99
85) sec-Butylbenzene	13.251	105	2429738	142.930	ug/l	100
86) p-Isopropyltoluene	13.367	119	2051234	145.773	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	1056095	144.772	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	1038551	142.757	ug/l	99
89) n-Butylbenzene	13.690	91	1887862	142.791	ug/l	96
90) Hexachloroethane	13.958	117	403077	147.508	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	963804	143.156	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	107120	146.115	ug/l	91
93) 1,2,4-Trichlorobenzene	15.001	180	629060	146.015	ug/l	98
94) Hexachlorobutadiene	15.105	225	326467	139.744	ug/l	99
95) Naphthalene	15.233	128	1551914	153.094	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	572910	146.914	ug/l	99

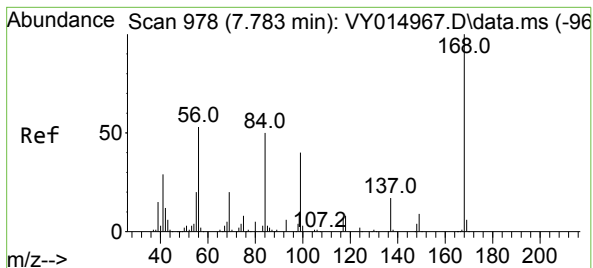
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY014969.D

Acq: 07 Aug 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

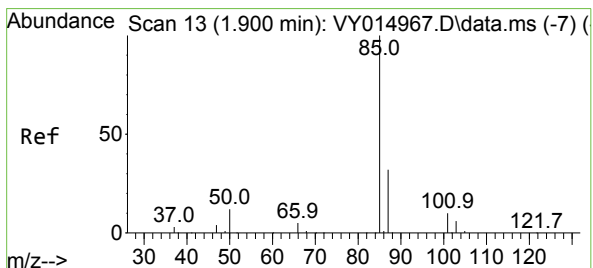
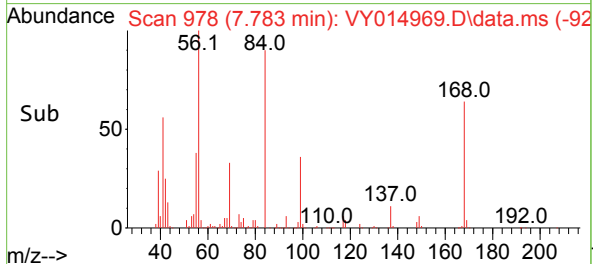
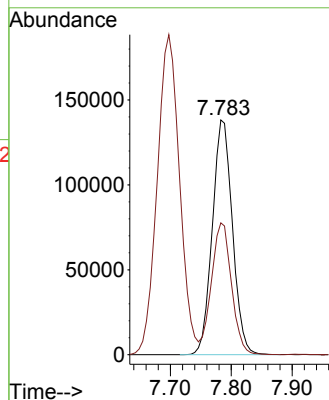
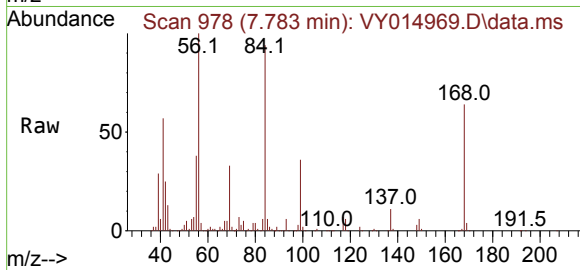
VSTDIC150

Tgt Ion:168 Resp: 317007

Ion Ratio Lower Upper

168 100

99 56.2 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 149.416 ug/l

RT: 1.900 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY014969.D

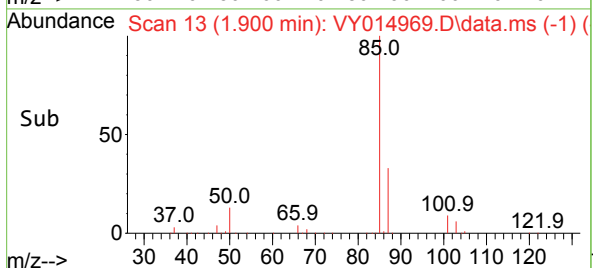
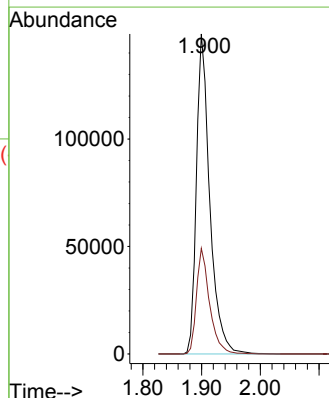
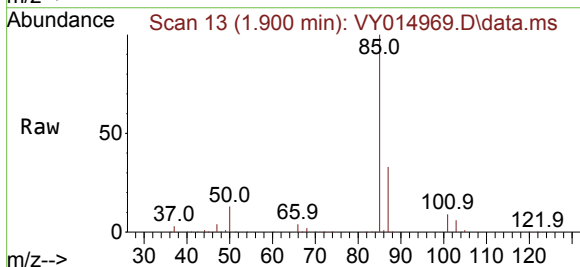
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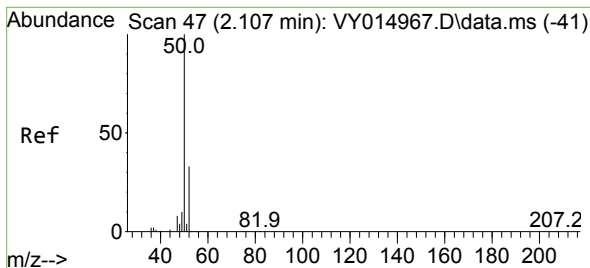
Tgt Ion: 85 Resp: 235297

Ion Ratio Lower Upper

85 100

87 33.0 15.6 46.8





#3

Chloromethane

Concen: 127.473 ug/l

RT: 2.107 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY014969.D

Acq: 07 Aug 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

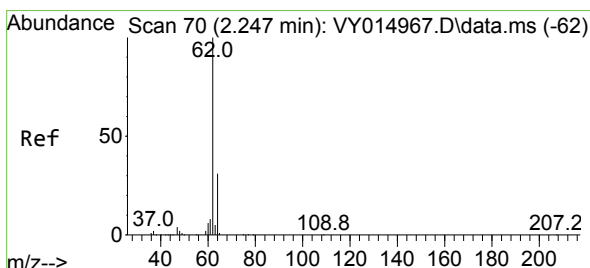
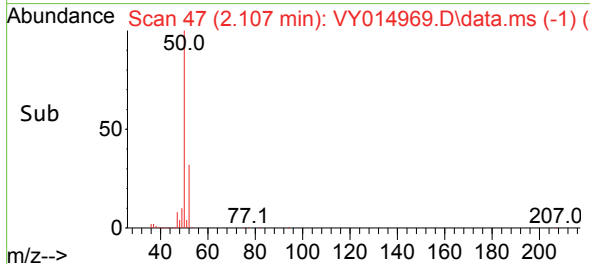
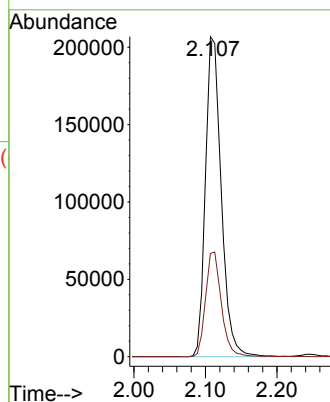
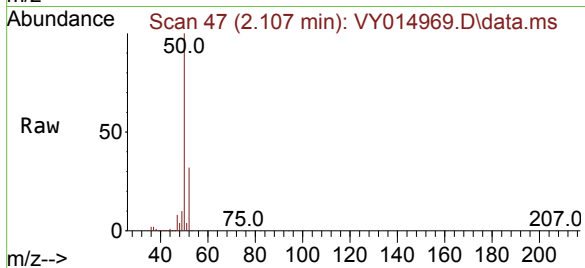
VSTDIC150

Tgt Ion: 50 Resp: 318022

Ion Ratio Lower Upper

50 100

52 32.3 25.4 38.2



#4

Vinyl Chloride

Concen: 128.047 ug/l

RT: 2.247 min Scan# 70

Delta R.T. -0.000 min

Lab File: VY014969.D

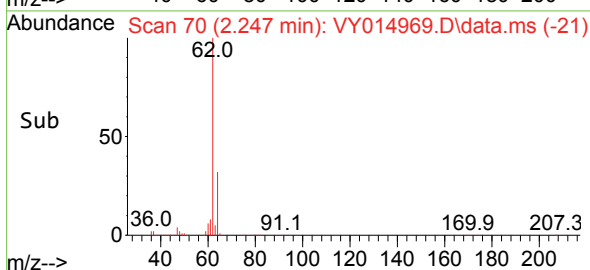
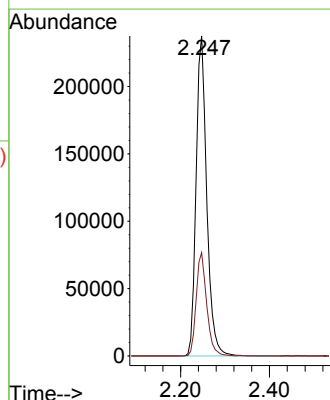
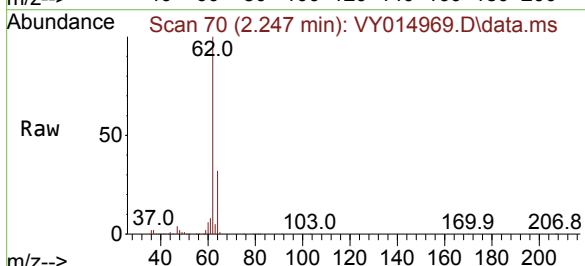
Acq: 07 Aug 2023 17:37

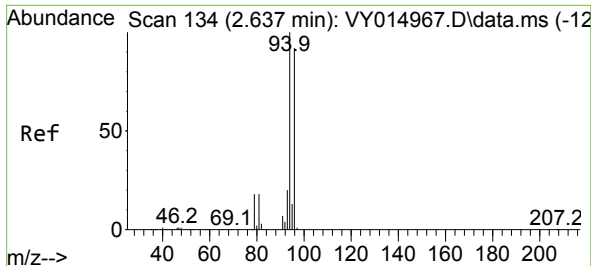
Tgt Ion: 62 Resp: 393636

Ion Ratio Lower Upper

62 100

64 32.3 24.3 36.5

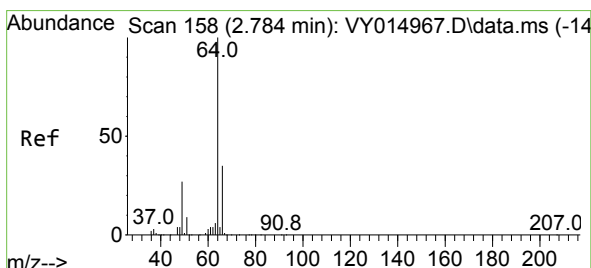
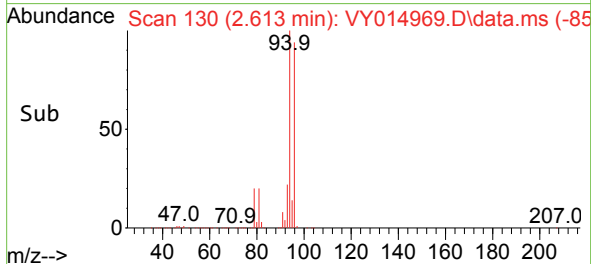
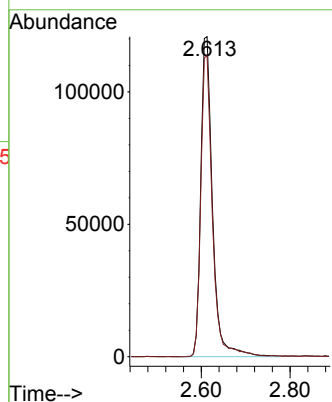
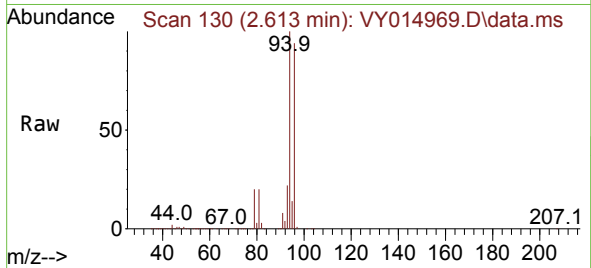




#5
Bromomethane
Concen: 118.496 ug/l
RT: 2.613 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

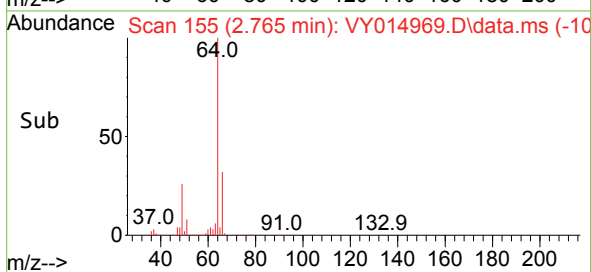
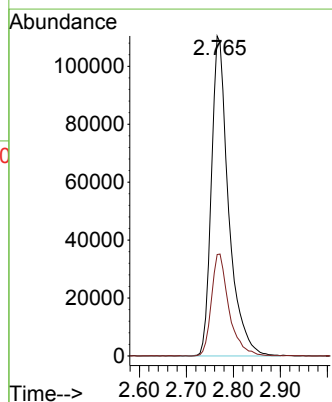
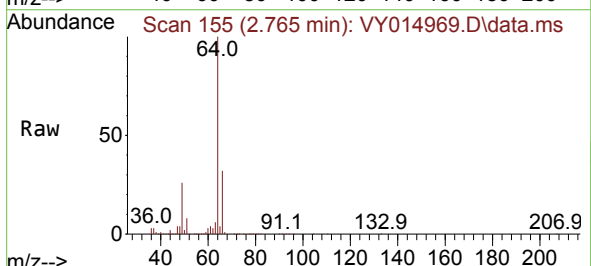
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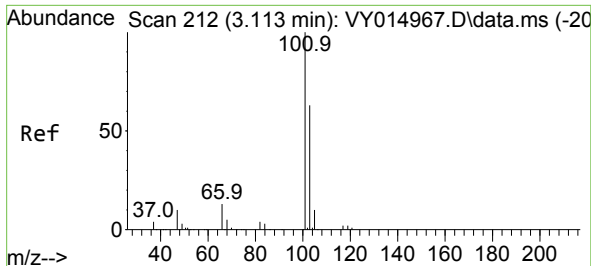
Tgt Ion: 94 Resp: 221734
Ion Ratio Lower Upper
94 100
96 94.0 75.8 113.6



#6
Chloroethane
Concen: 131.948 ug/l
RT: 2.765 min Scan# 155
Delta R.T. -0.018 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

Tgt Ion: 64 Resp: 280065
Ion Ratio Lower Upper
64 100
66 31.6 24.4 36.6

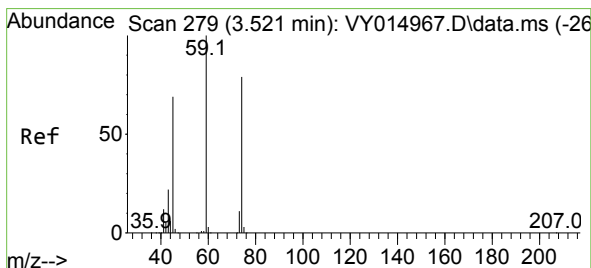
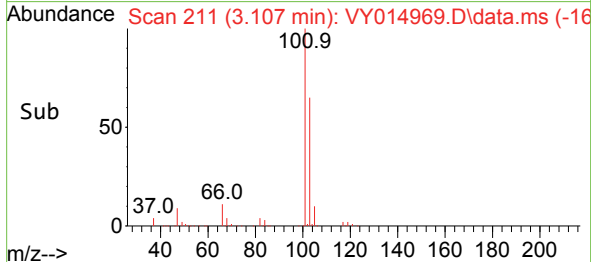
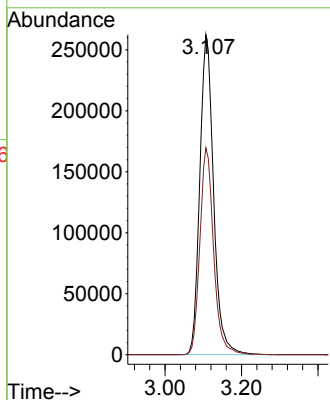
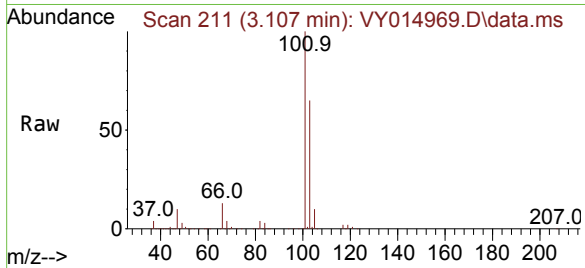




#7
Trichlorofluoromethane
Concen: 134.952 ug/l
RT: 3.107 min Scan# 212
Delta R.T. -0.006 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

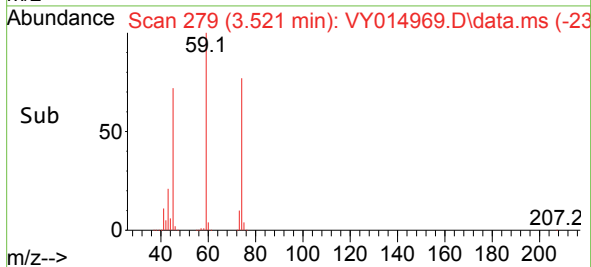
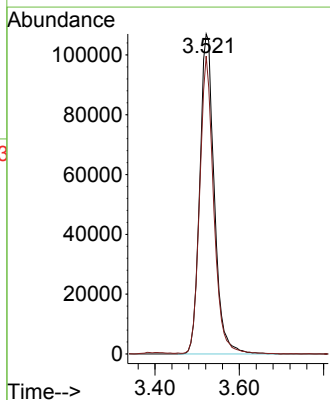
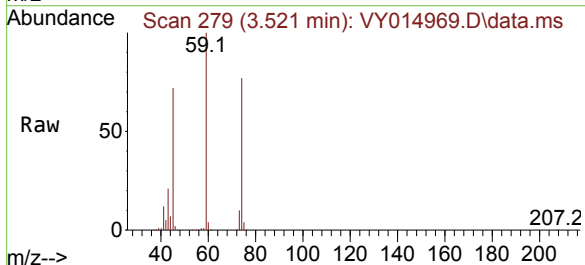
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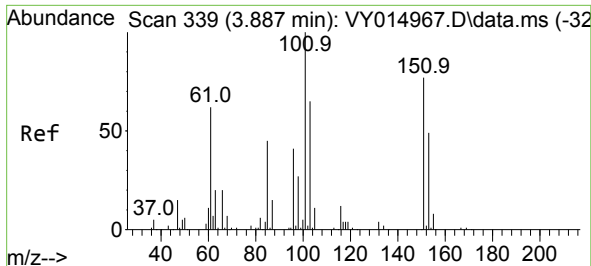
Tgt Ion:101 Resp: 655592
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.0



#8
Diethyl Ether
Concen: 142.879 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

Tgt Ion: 74 Resp: 256127
Ion Ratio Lower Upper
74 100
45 90.3 51.5 154.5

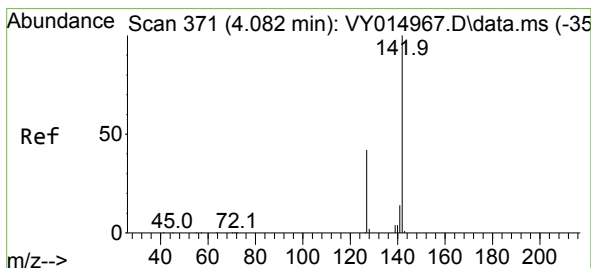
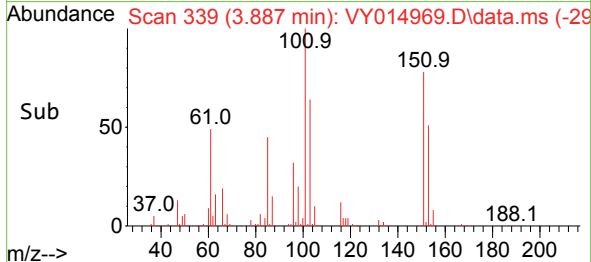
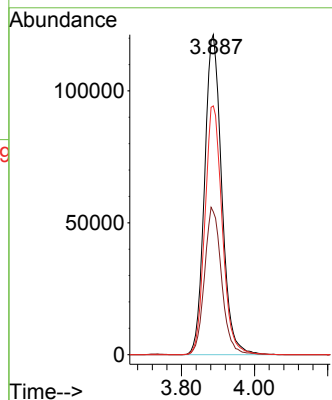
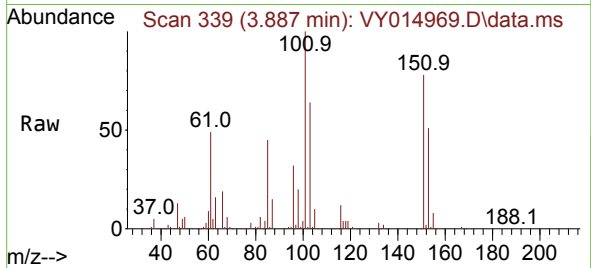




#9
1,1,2-Trichlorotrifluoroethane
Concen: 137.214 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY014969.D
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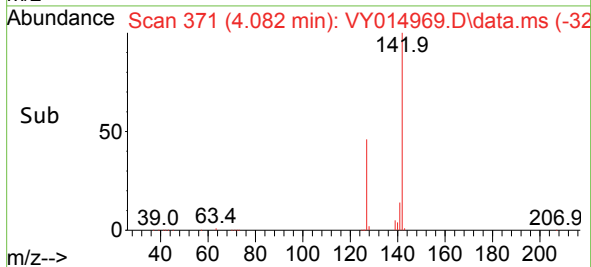
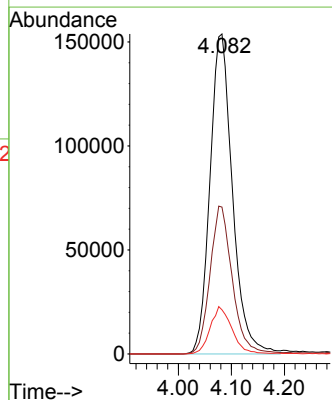
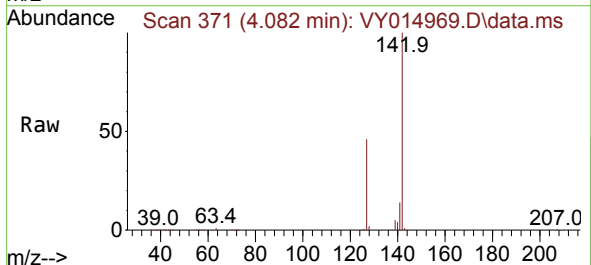
Instrument :
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ClientSampleId :
VSTDIC150

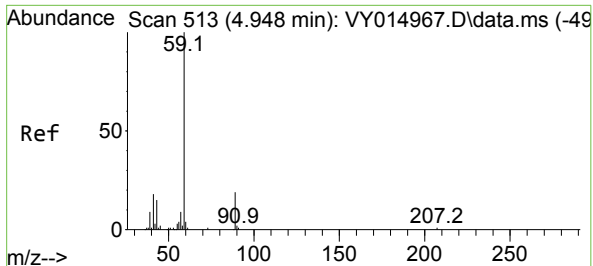
Tgt Ion:101 Resp: 394598
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 78.5 67.0 100.6



#10
Methyl Iodide
Concen: 152.561 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

Tgt Ion:142 Resp: 453603
Ion Ratio Lower Upper
142 100
127 45.9 37.6 56.4
141 14.3 11.8 17.8





#11

Tert butyl alcohol

Concen: 510.707 ug/l

RT: 4.960 min Scan# 513

Delta R.T. 0.012 min

Lab File: VY014969.D

Acq: 07 Aug 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

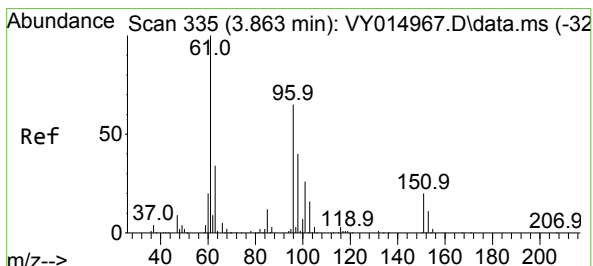
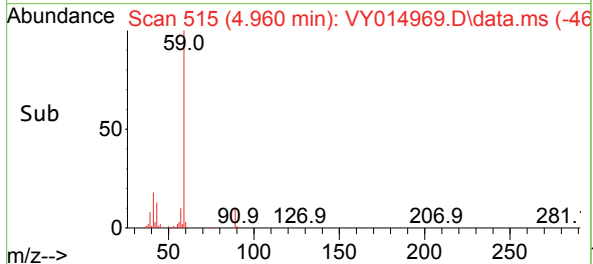
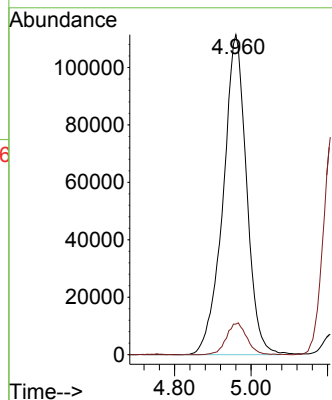
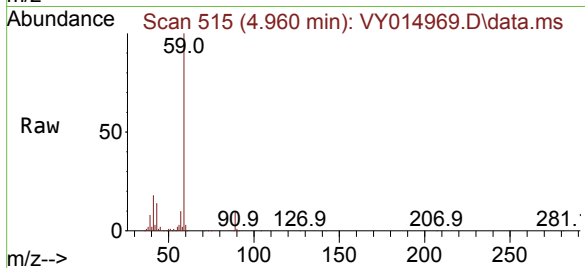
VSTDIC150

Tgt Ion: 59 Resp: 473573

Ion Ratio Lower Upper

59 100

57 8.7 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 138.498 ug/l

RT: 3.857 min Scan# 334

Delta R.T. -0.006 min

Lab File: VY014969.D

Acq: 07 Aug 2023 17:37

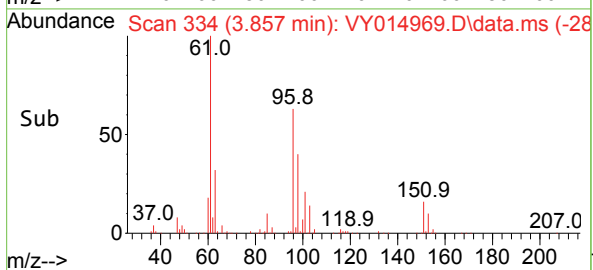
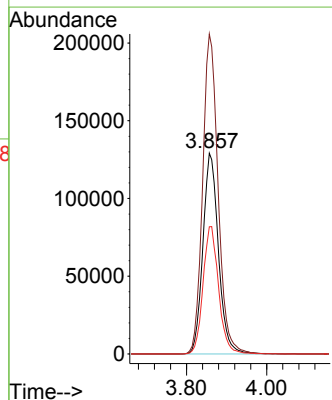
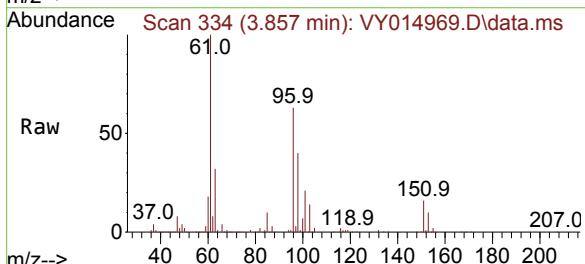
Tgt Ion: 96 Resp: 347034

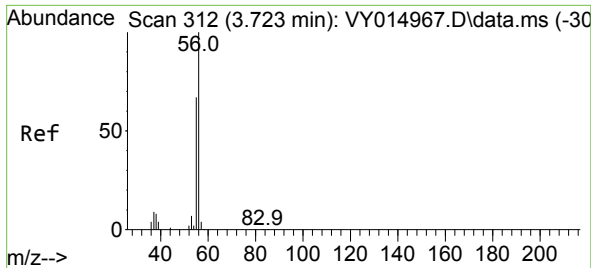
Ion Ratio Lower Upper

96 100

61 159.4 136.4 204.6

98 63.3 49.4 74.2

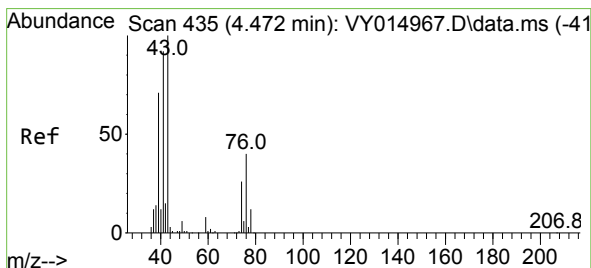
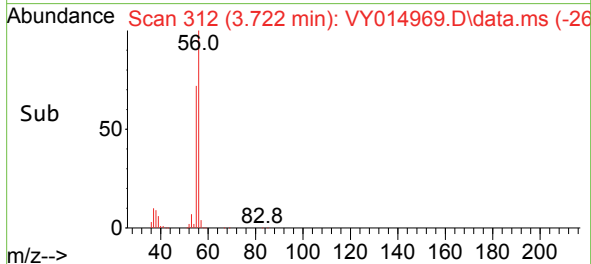
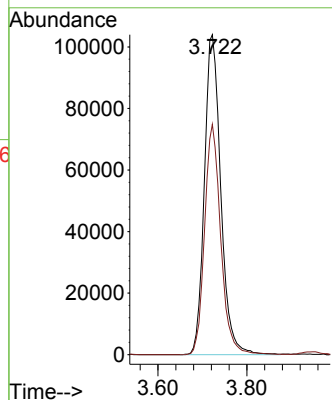
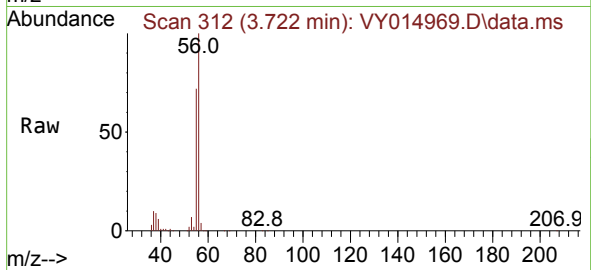




#13
Acrolein
Concen: 849.135 ug/l
RT: 3.722 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

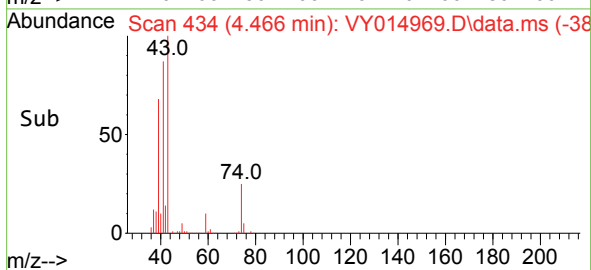
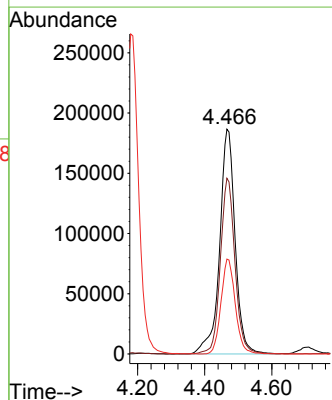
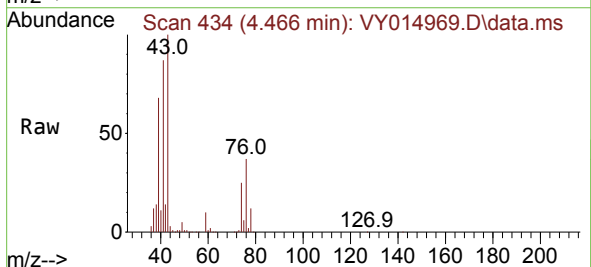
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

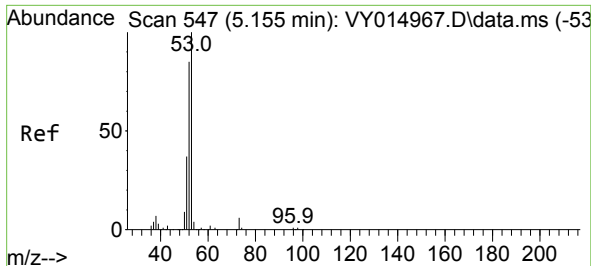
Tgt Ion: 56 Resp: 267862
Ion Ratio Lower Upper
56 100
55 70.8 57.0 85.4



#14
Allyl chloride
Concen: 143.346 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

Tgt Ion: 41 Resp: 598129
Ion Ratio Lower Upper
41 100
39 74.0 58.0 87.0
76 39.0 27.4 41.2

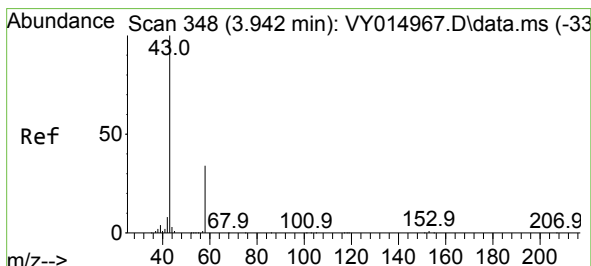
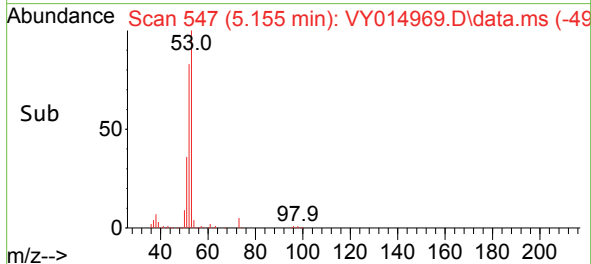
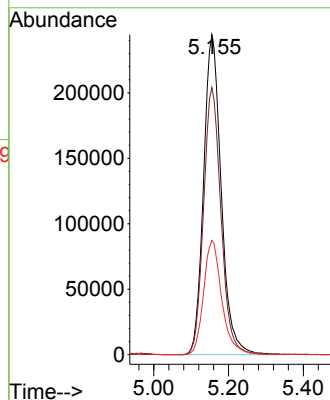
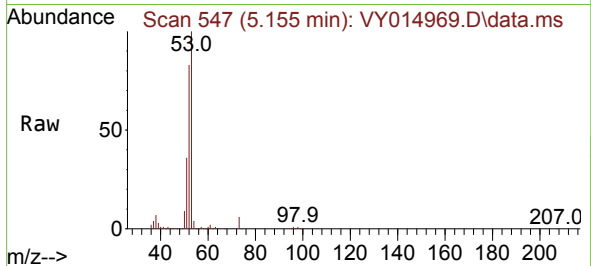




#15
Acrylonitrile
Concen: 729.958 ug/l
RT: 5.155 min Scan# 547
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

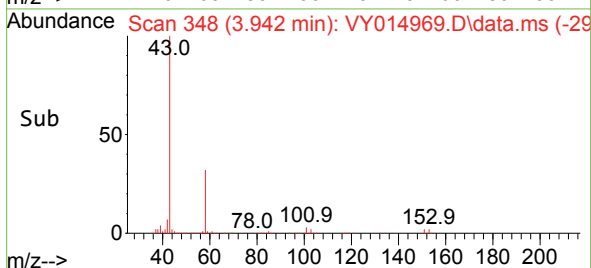
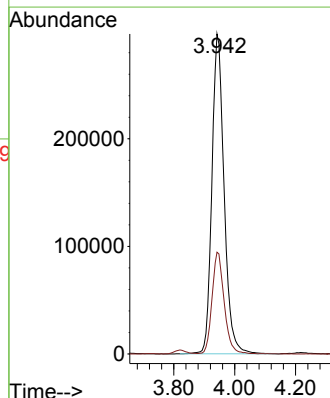
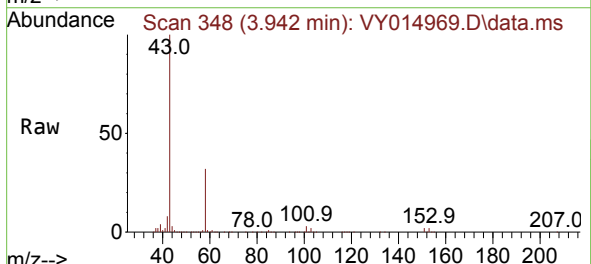
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

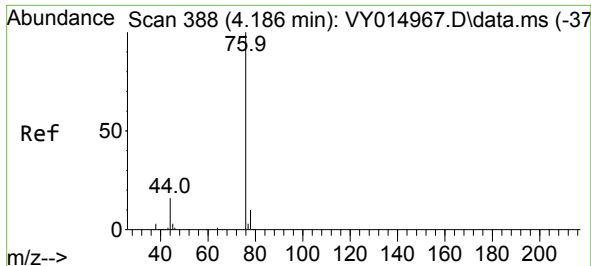
Tgt Ion: 53 Resp: 799420
Ion Ratio Lower Upper
53 100
52 82.8 66.9 100.3
51 37.0 29.8 44.6



#16
Acetone
Concen: 691.599 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

Tgt Ion: 43 Resp: 828621
Ion Ratio Lower Upper
43 100
58 31.8 22.7 34.1

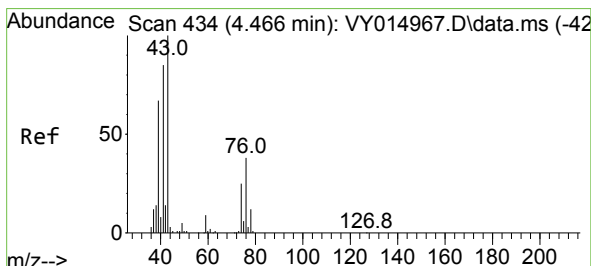
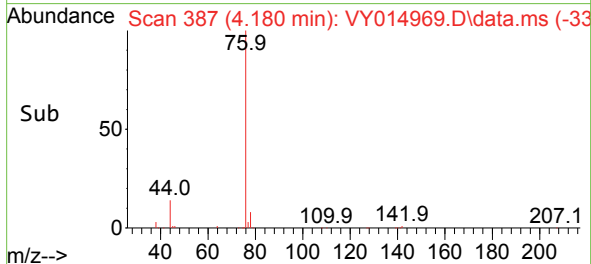
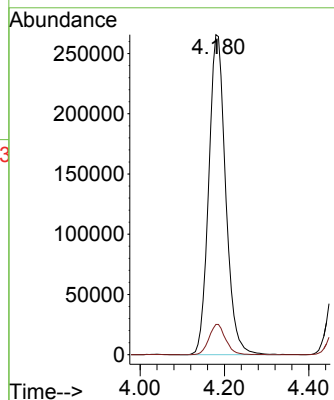
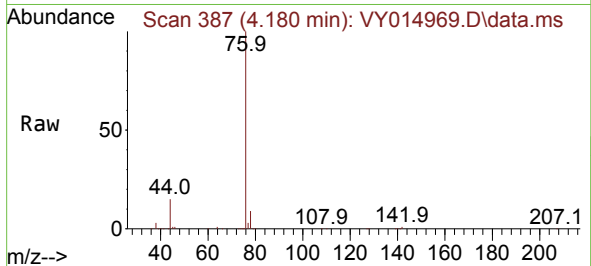




#17
Carbon Disulfide
Concen: 133.881 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

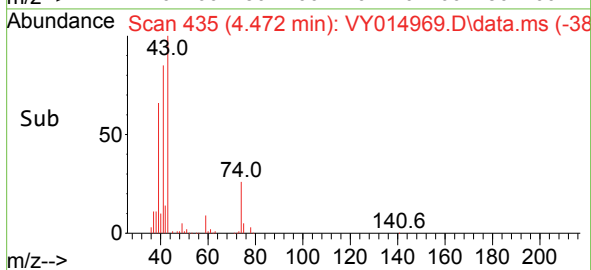
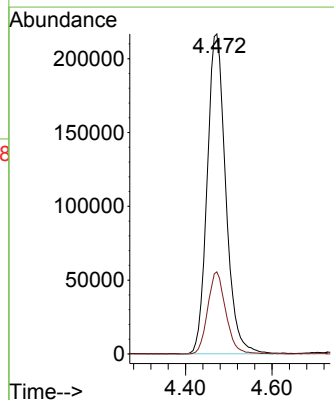
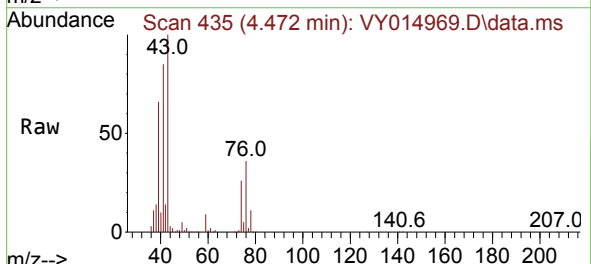
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

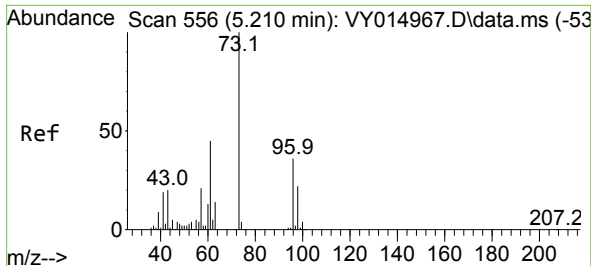
Tgt Ion: 76 Resp: 741701
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 147.986 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

Tgt Ion: 43 Resp: 645692
Ion Ratio Lower Upper
43 100
74 25.0 17.4 26.0

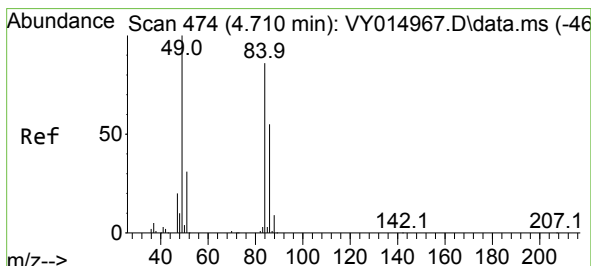
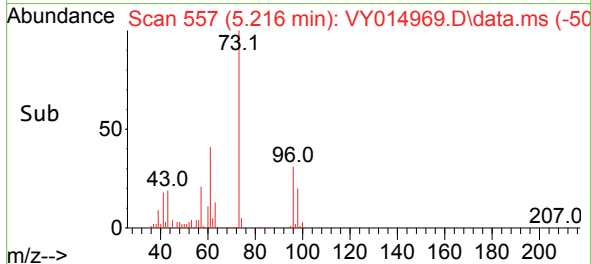
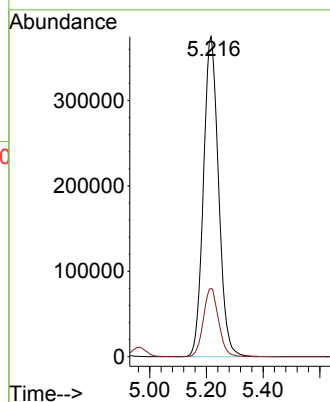
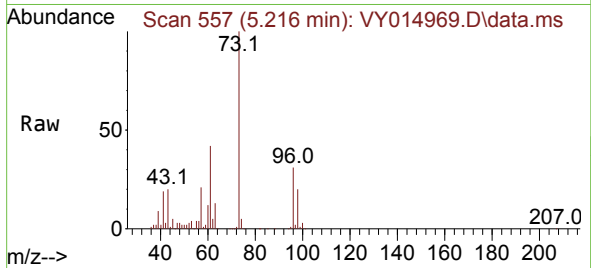




#19
Methyl tert-butyl Ether
Concen: 146.112 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

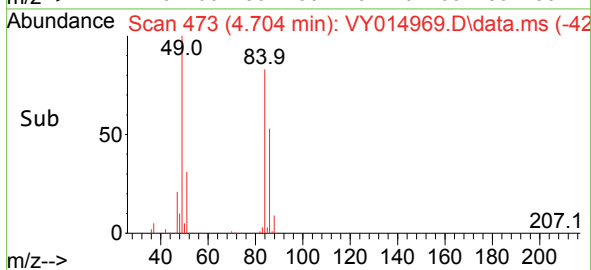
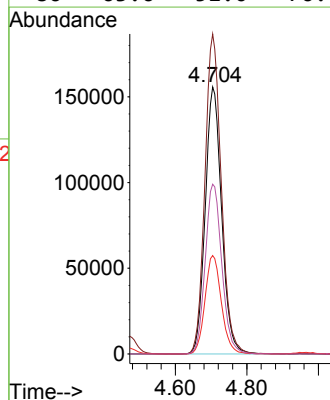
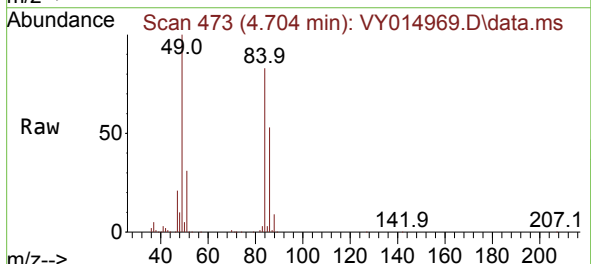
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

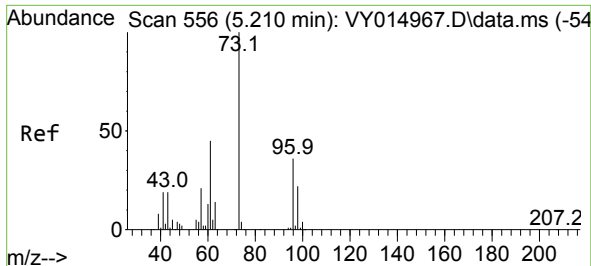
Tgt Ion: 73 Resp: 1385128
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 149.451 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

Tgt Ion: 84 Resp: 495645
Ion Ratio Lower Upper
84 100
49 119.8 106.9 160.3
51 36.8 33.2 49.8
86 63.6 51.0 76.6

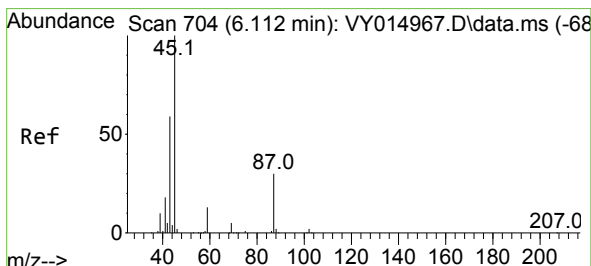
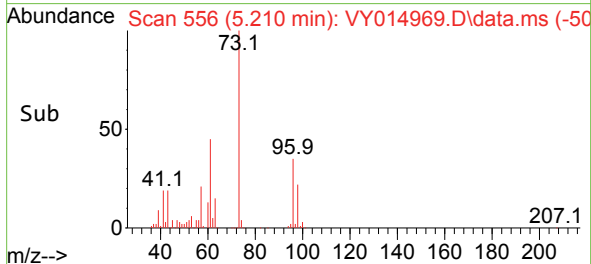
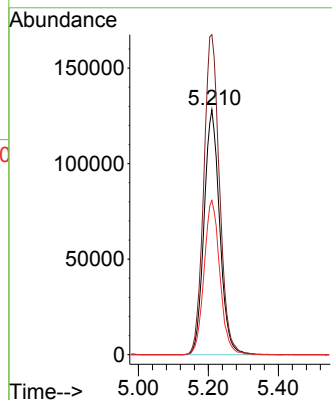
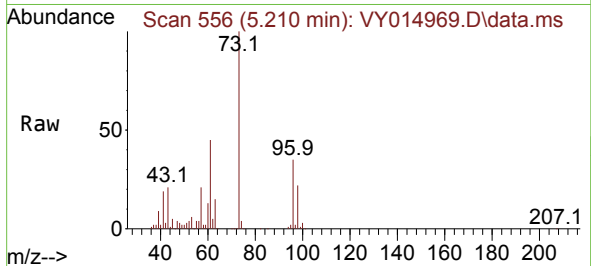




#21
trans-1,2-Dichloroethene
Concen: 138.823 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

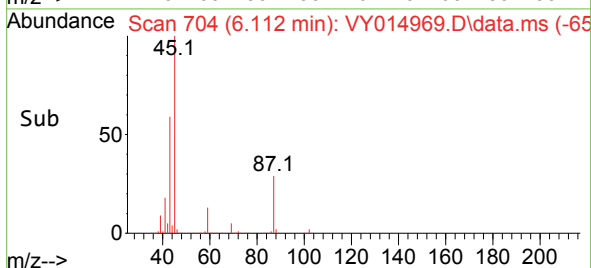
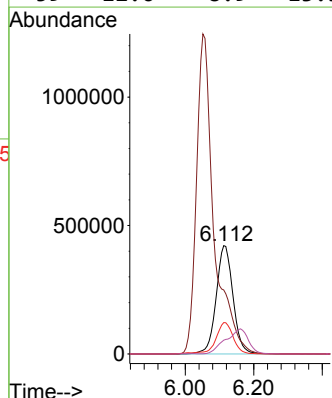
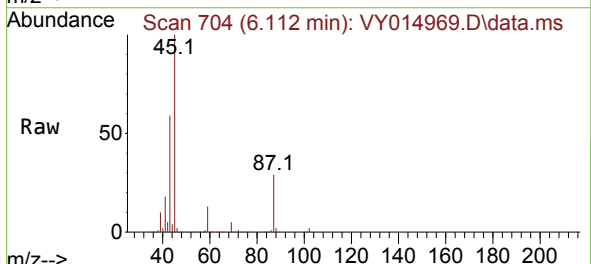
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

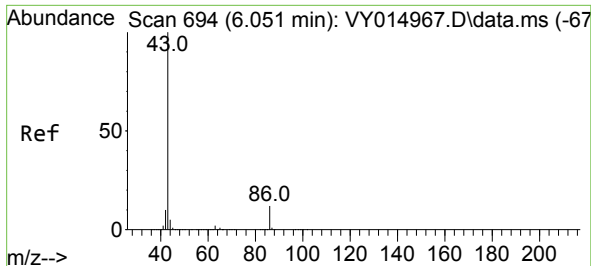
Tgt Ion: 96 Resp: 396496
Ion Ratio Lower Upper
96 100
61 130.6 110.2 165.4
98 63.0 51.8 77.6



#22
Diisopropyl ether
Concen: 147.321 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

Tgt Ion: 45 Resp: 1431838
Ion Ratio Lower Upper
45 100
43 59.0 52.2 78.4
87 29.0 21.0 31.6
59 12.6 8.9 13.3

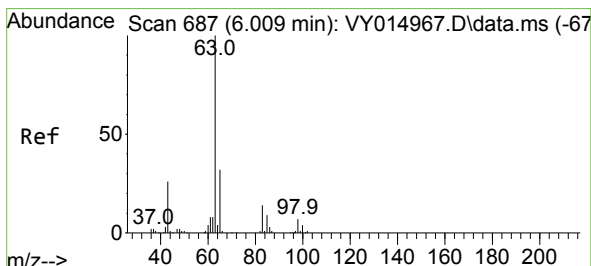
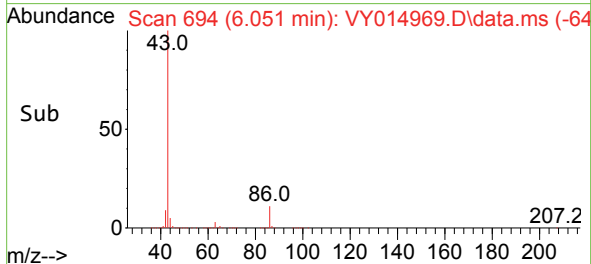
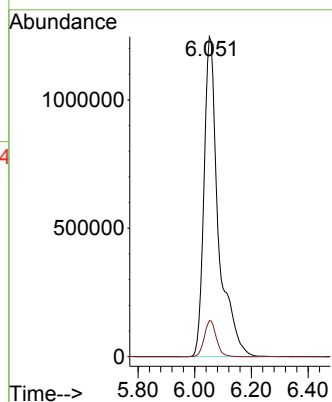
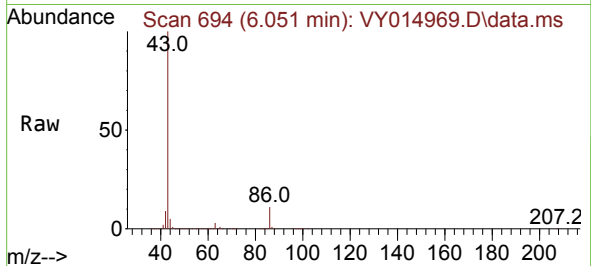




#23
 Vinyl Acetate
 Concen: 753.408 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VY014969.D
 Acq: 07 Aug 2023 17:37

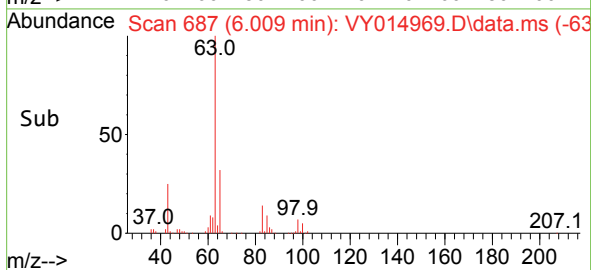
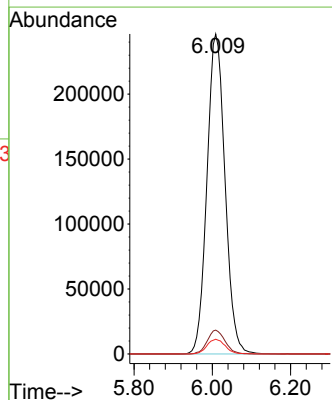
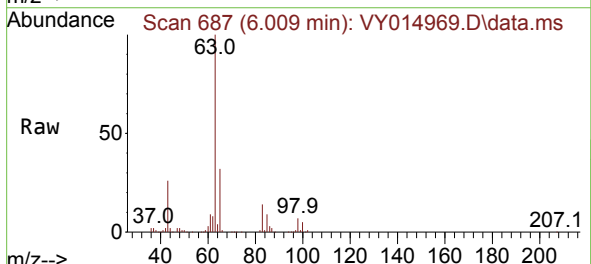
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

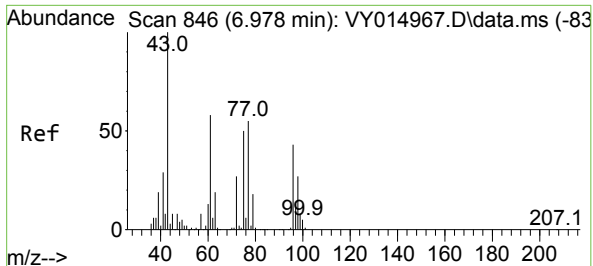
Tgt Ion: 43 Resp: 4401790
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 142.591 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014969.D
 Acq: 07 Aug 2023 17:37

Tgt Ion: 63 Resp: 786086
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.1 9.4
 100 4.6 1.8 5.5





#25

2-Butanone

Concen: 708.296 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY014969.D

Acq: 07 Aug 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

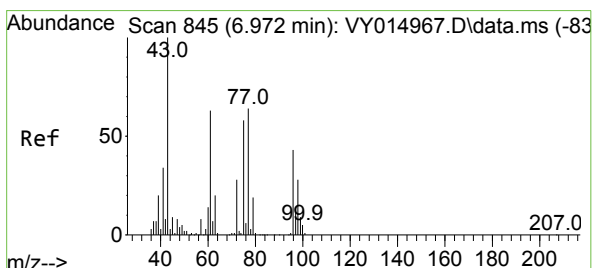
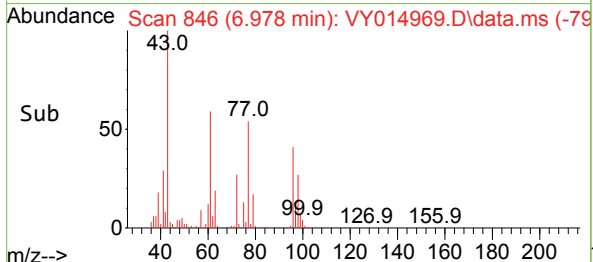
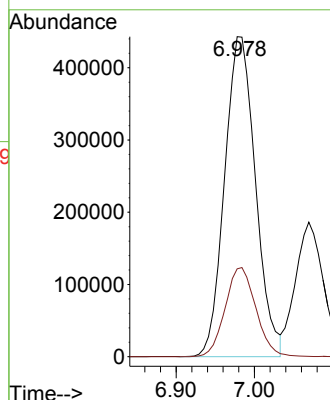
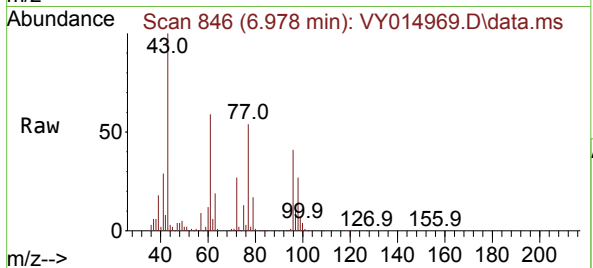
VSTDIC150

Tgt Ion: 43 Resp: 1215485

Ion Ratio Lower Upper

43 100

72 27.5 20.5 30.7



#26

2,2-Dichloropropane

Concen: 132.693 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY014969.D

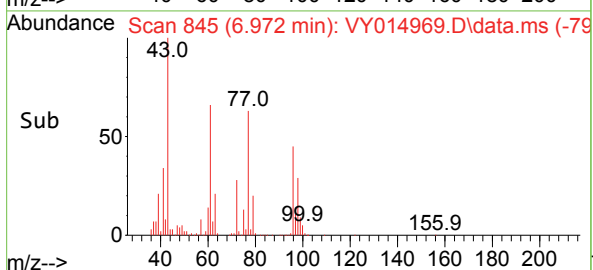
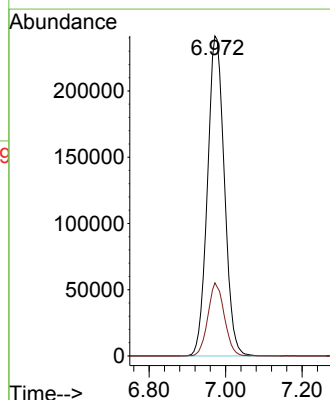
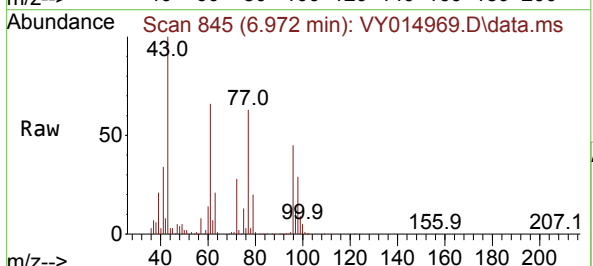
Acq: 07 Aug 2023 17:37

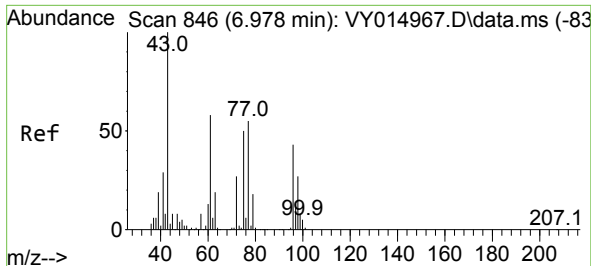
Tgt Ion: 77 Resp: 740191

Ion Ratio Lower Upper

77 100

97 22.2 10.9 32.9

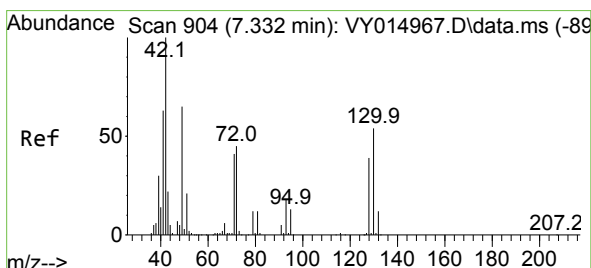
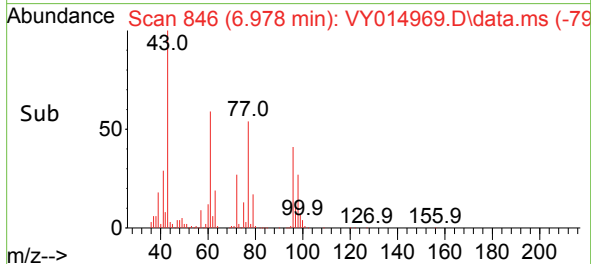
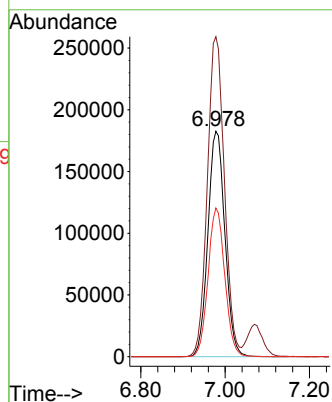
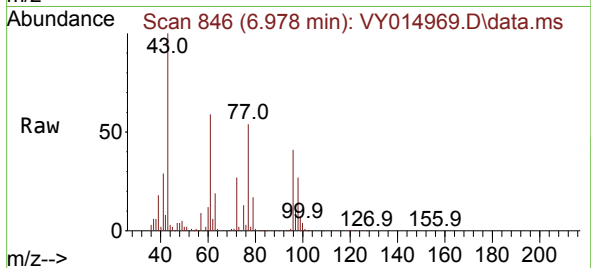




#27
 cis-1,2-Dichloroethene
 Concen: 141.362 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. -0.000 min
 Lab File: VY014969.D
 Acq: 07 Aug 2023 17:37

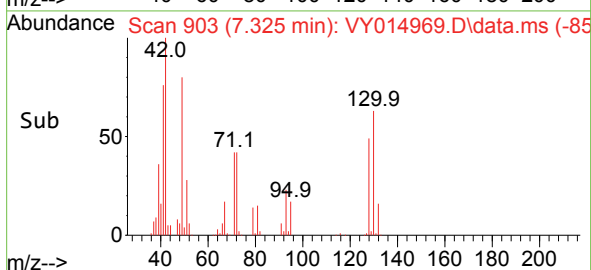
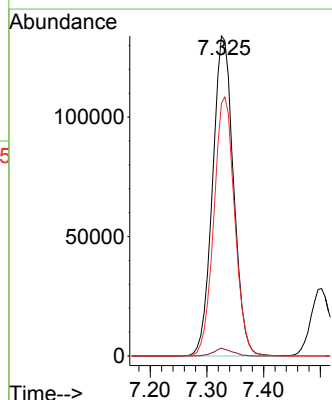
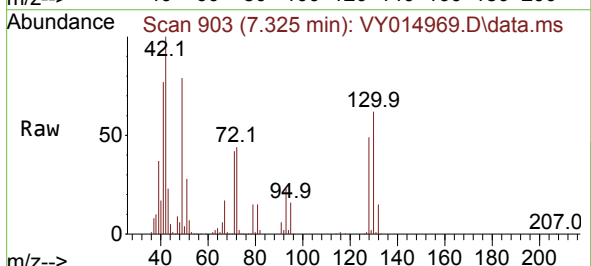
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

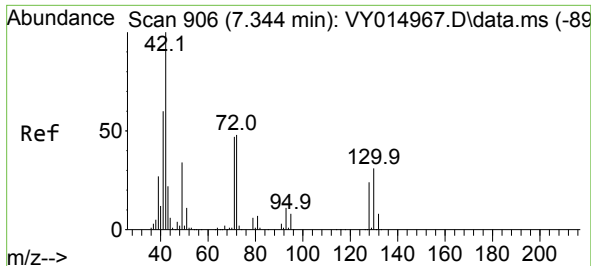
Tgt Ion: 96 Resp: 510941
 Ion Ratio Lower Upper
 96 100
 61 143.2 0.0 301.4
 98 65.0 0.0 130.4



#28
 Bromochloromethane
 Concen: 138.398 ug/l
 RT: 7.325 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY014969.D
 Acq: 07 Aug 2023 17:37

Tgt Ion: 49 Resp: 343942
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 80.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 733.923 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY014969.D

Acq: 07 Aug 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

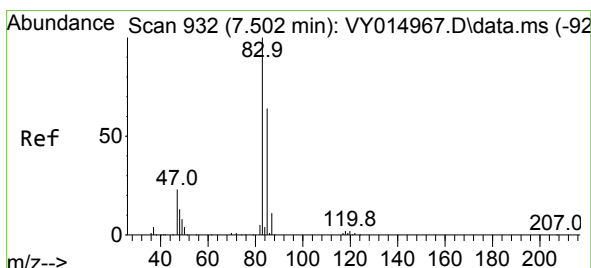
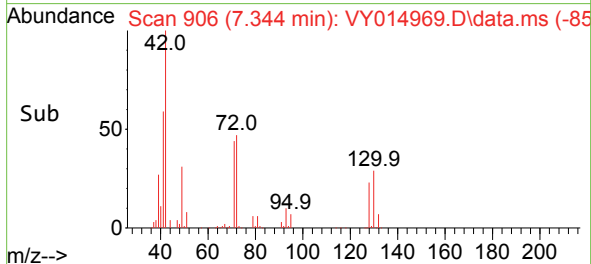
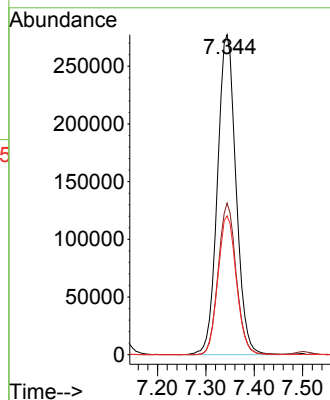
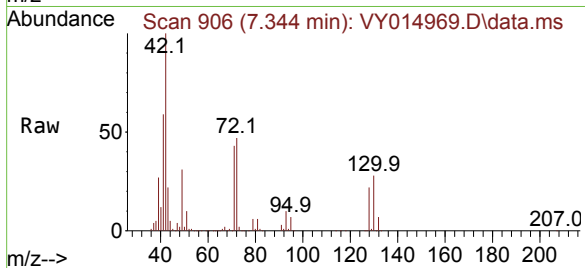
Tgt Ion: 42 Resp: 738574

Ion Ratio Lower Upper

42 100

72 46.2 32.8 49.2

71 43.2 31.0 46.4



#30

Chloroform

Concen: 143.213 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY014969.D

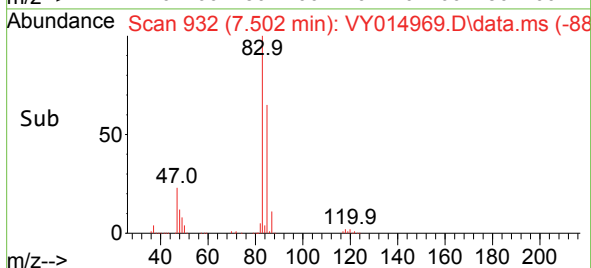
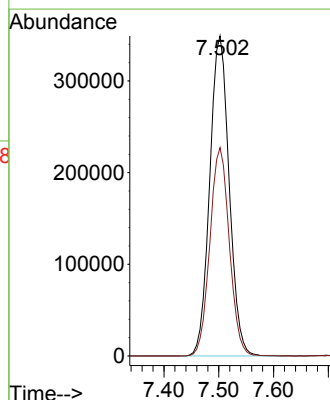
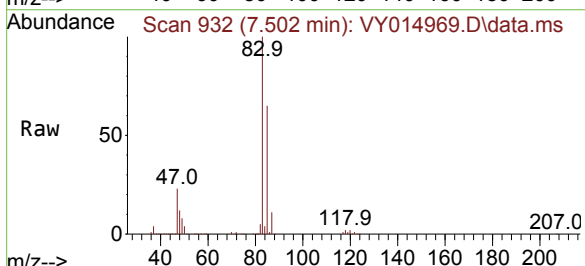
Acq: 07 Aug 2023 17:37

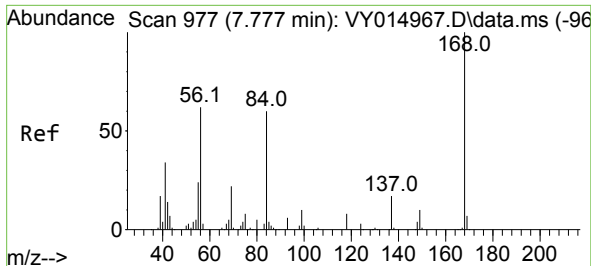
Tgt Ion: 83 Resp: 857642

Ion Ratio Lower Upper

83 100

85 65.1 49.7 74.5

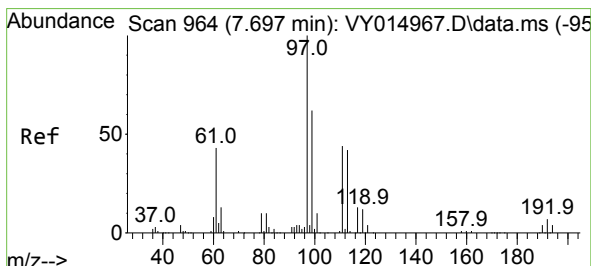
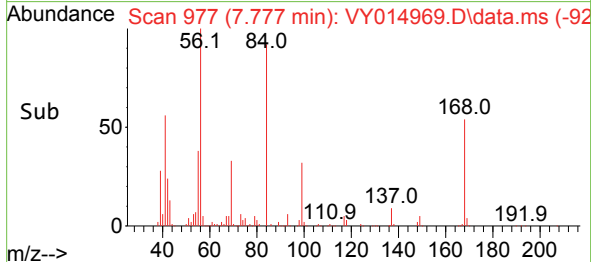
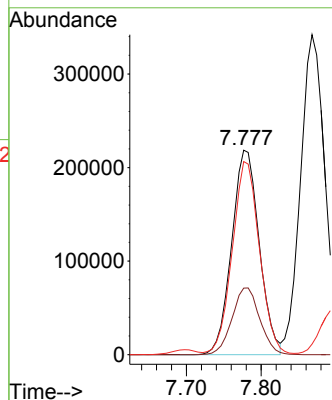
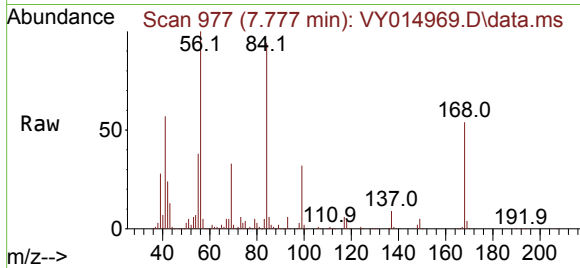




#31
Cyclohexane
Concen: 147.904 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

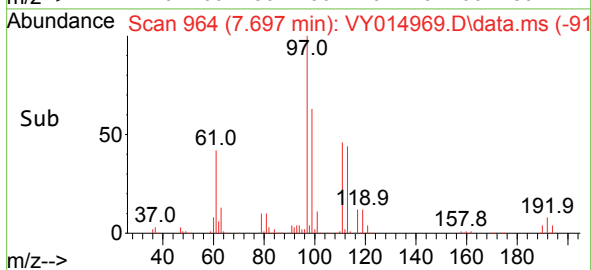
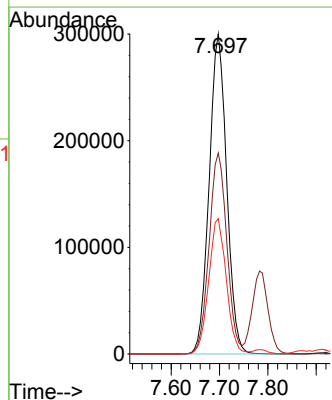
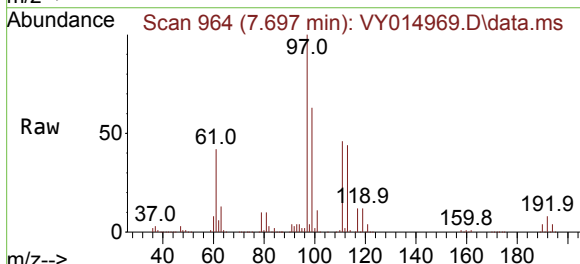
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

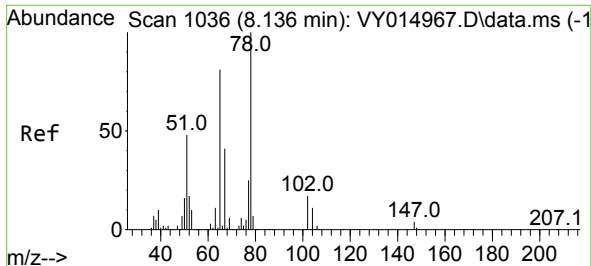
Tgt Ion: 56 Resp: 560534
Ion Ratio Lower Upper
56 100
69 32.6 27.8 41.6
84 92.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 142.889 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

Tgt Ion: 97 Resp: 754107
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 42.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 148.335 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY014969.D

Acq: 07 Aug 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

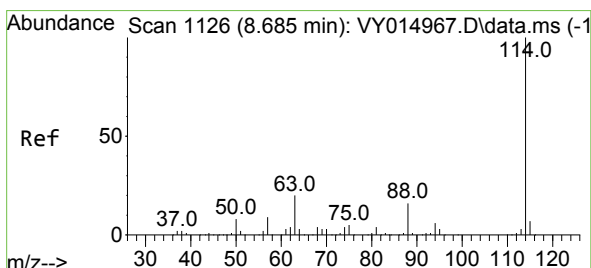
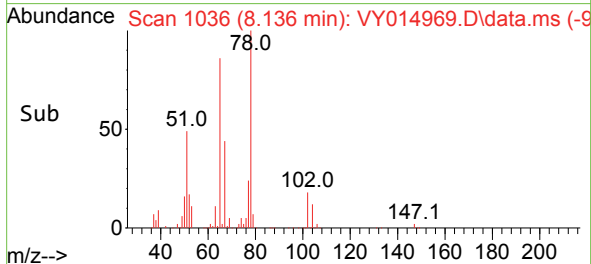
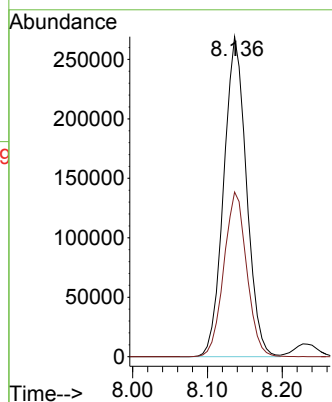
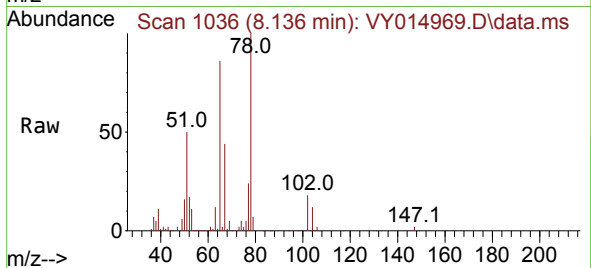
VSTDIC150

Tgt Ion: 65 Resp: 569937

Ion Ratio Lower Upper

65 100

67 51.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY014969.D

Acq: 07 Aug 2023 17:37

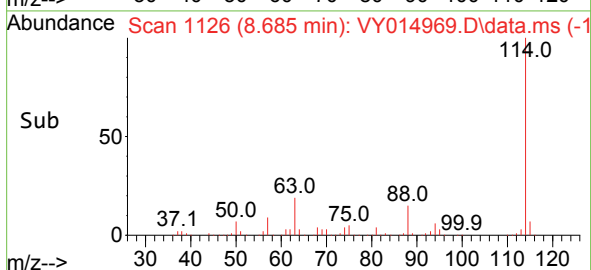
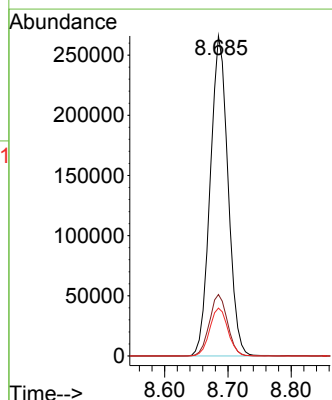
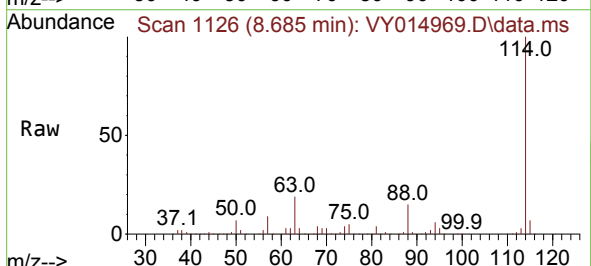
Tgt Ion: 114 Resp: 518138

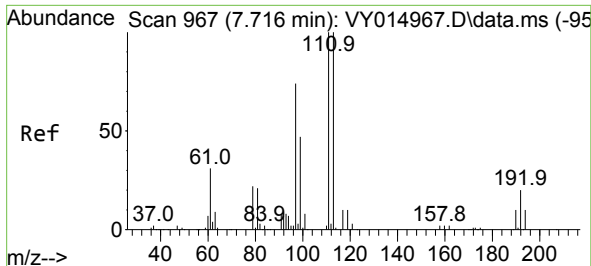
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.0 0.0 30.6

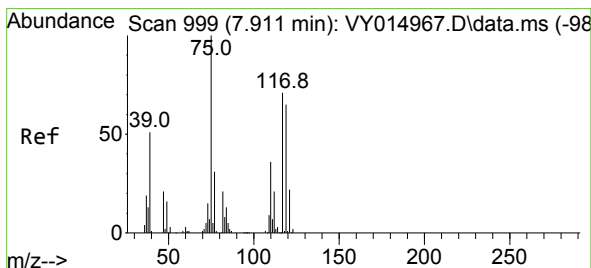
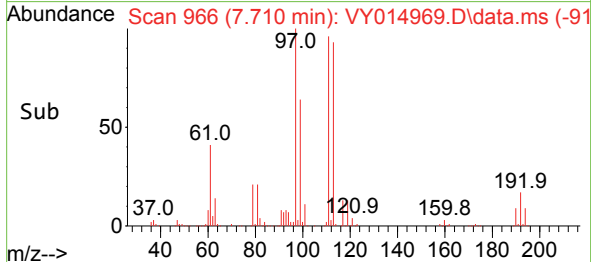
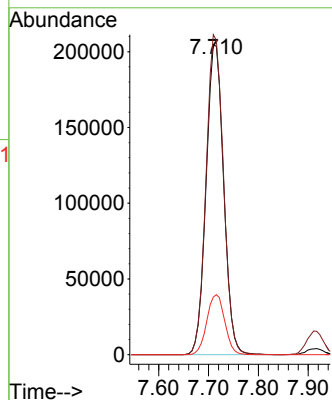
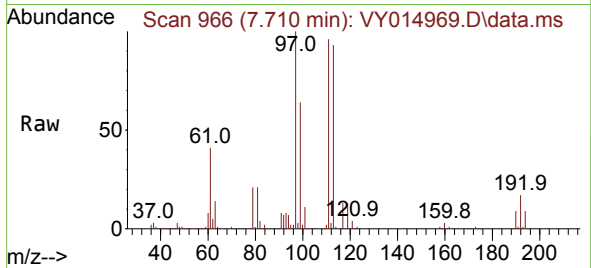




#35
Dibromofluoromethane
Concen: 151.113 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

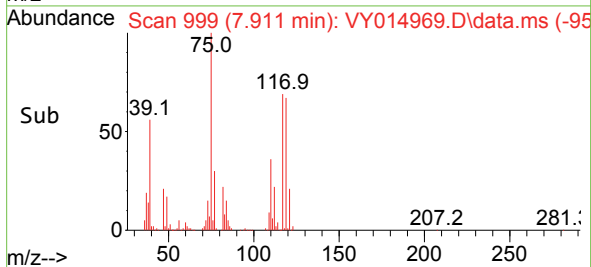
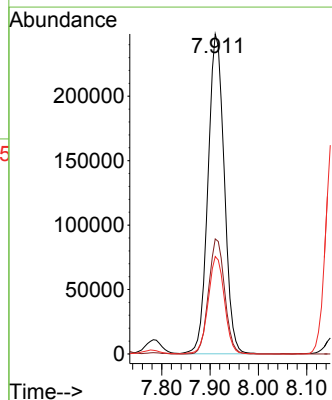
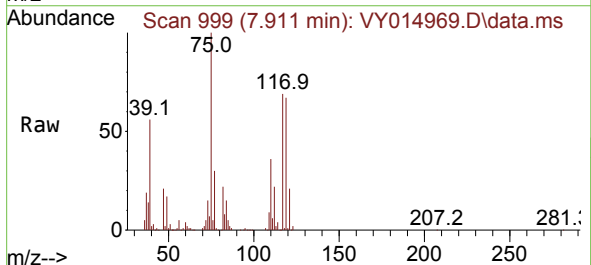
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

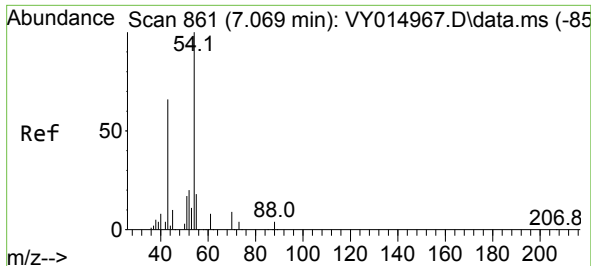
Tgt Ion:113 Resp: 500697
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 140.785 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

Tgt Ion: 75 Resp: 579137
Ion Ratio Lower Upper
75 100
110 35.6 17.8 53.5
77 30.6 24.4 36.6

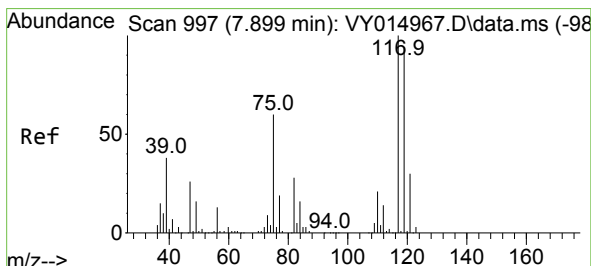
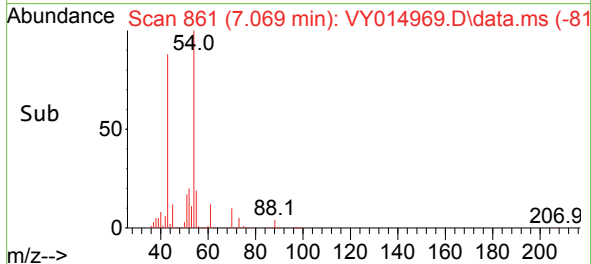
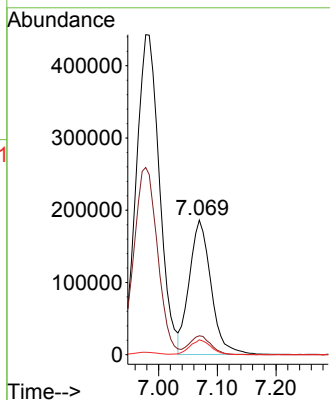
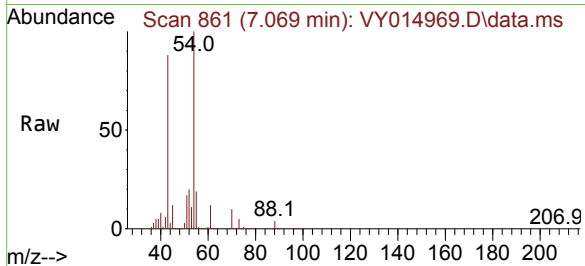




#37
Ethyl Acetate
Concen: 146.203 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

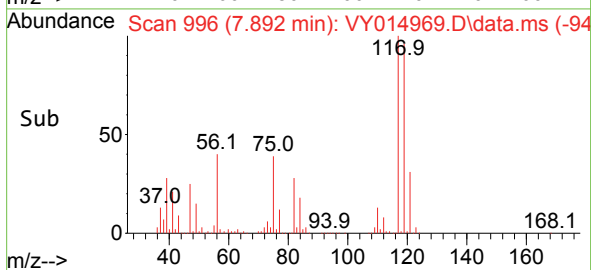
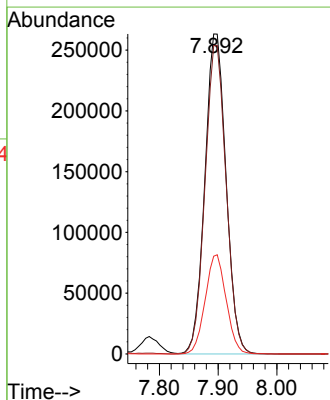
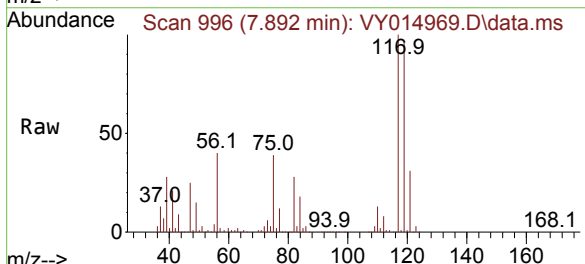
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

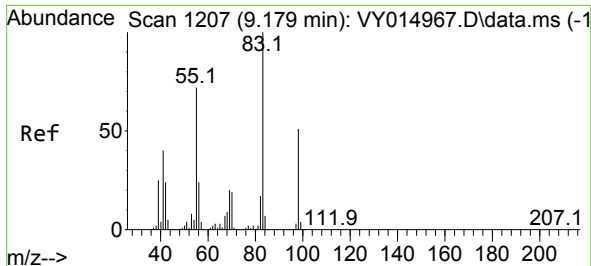
Tgt Ion: 43 Resp: 477389
Ion Ratio Lower Upper
43 100
61 13.9 10.1 15.1
70 10.7 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 142.792 ug/l
RT: 7.892 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

Tgt Ion: 117 Resp: 660348
Ion Ratio Lower Upper
117 100
119 96.3 76.4 114.6
121 30.5 25.8 38.6





#39

Methylcyclohexane

Concen: 138.186 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014969.D

Acq: 07 Aug 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

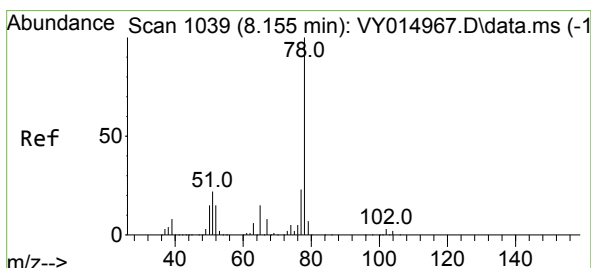
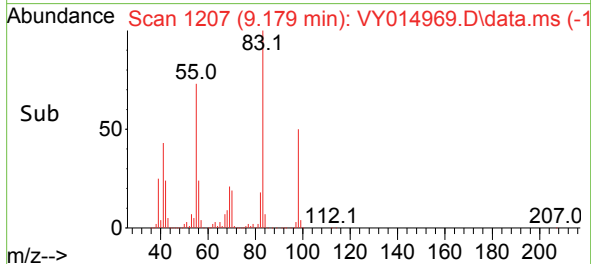
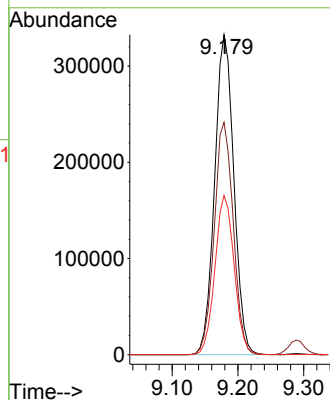
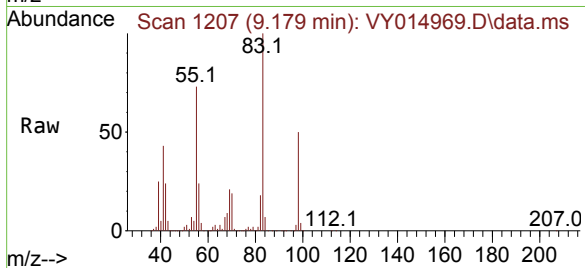
Tgt Ion: 83 Resp: 676002

Ion Ratio Lower Upper

83 100

55 72.6 63.0 94.4

98 49.7 37.4 56.2



#40

Benzene

Concen: 140.485 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY014969.D

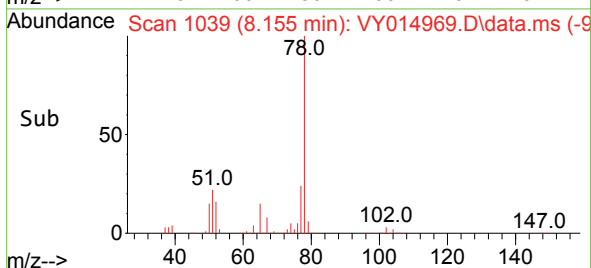
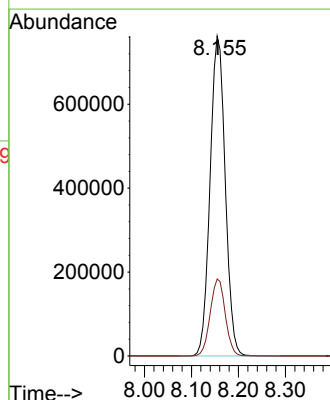
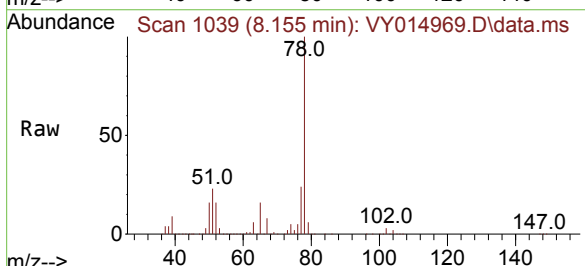
Acq: 07 Aug 2023 17:37

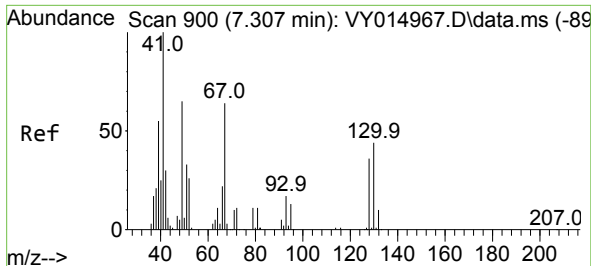
Tgt Ion: 78 Resp: 1701694

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6

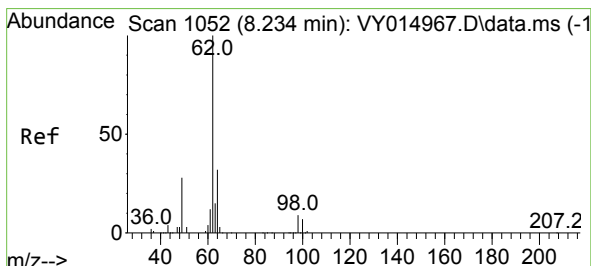
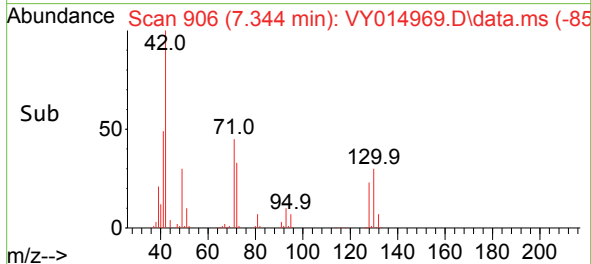
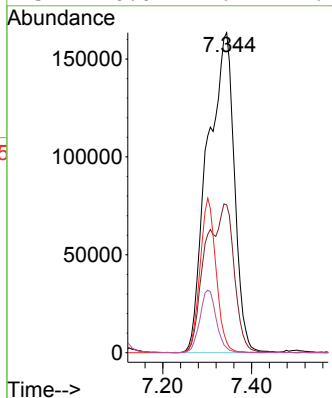
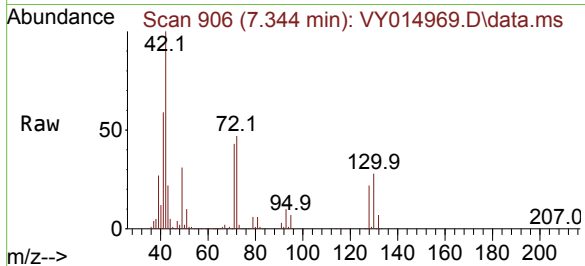




#41
Methacrylonitrile
Concen: 429.168 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

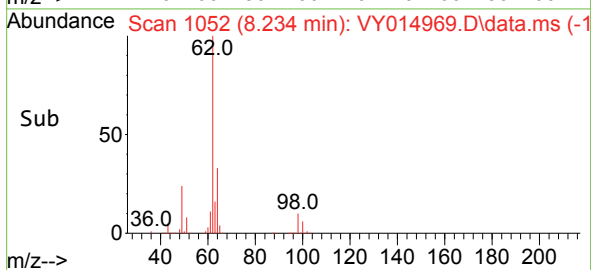
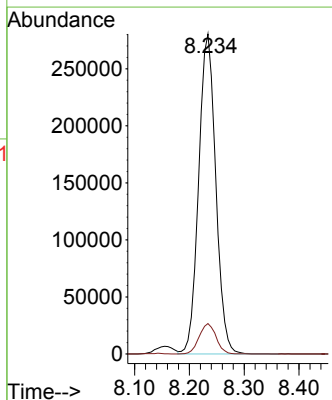
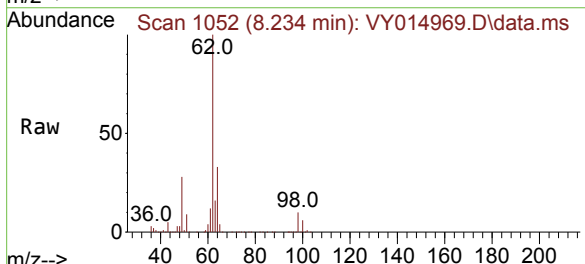
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

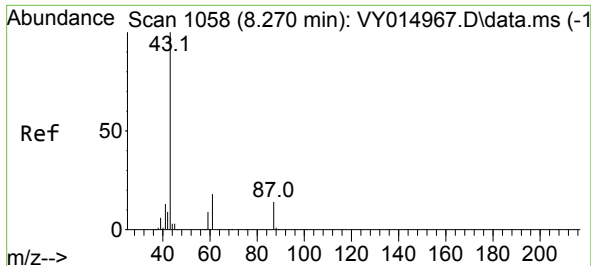
Tgt Ion: 41 Resp: 681011
Ion Ratio Lower Upper
41 100
39 24.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 143.956 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

Tgt Ion: 62 Resp: 606979
Ion Ratio Lower Upper
62 100
98 9.4 0.0 15.8

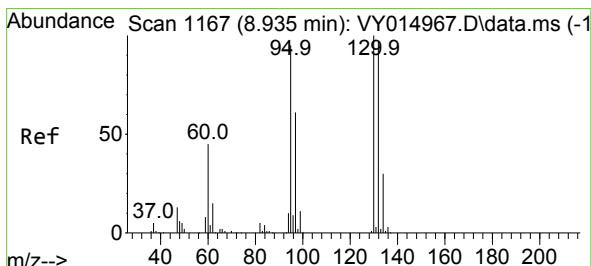
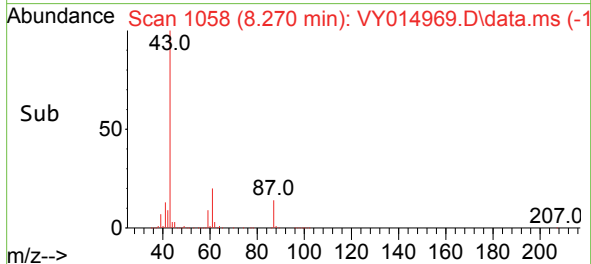
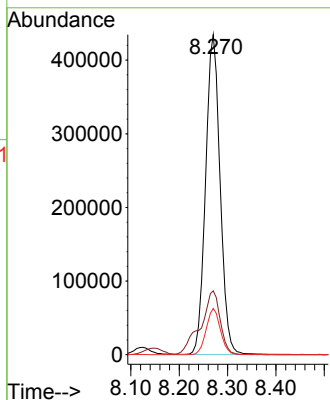
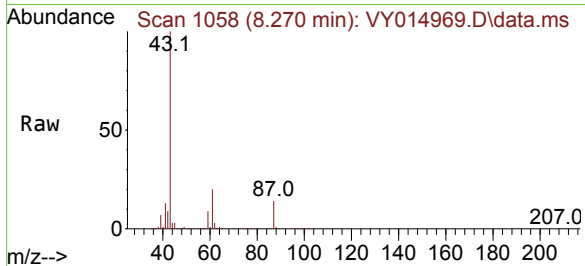




#43
Isopropyl Acetate
Concen: 149.167 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

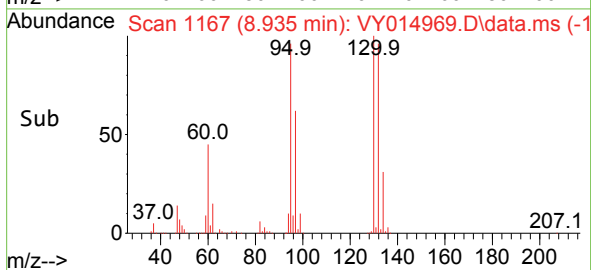
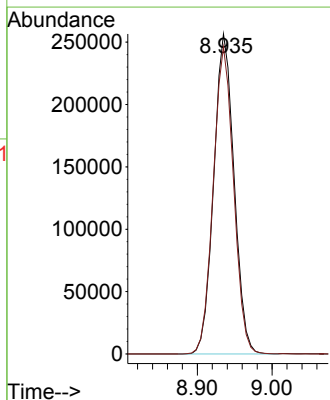
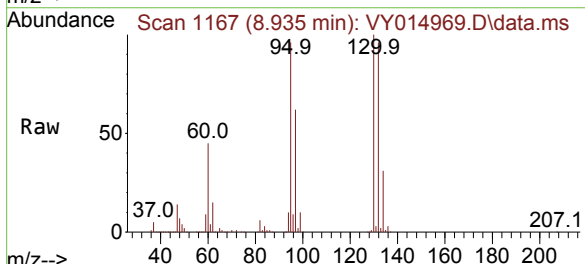
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

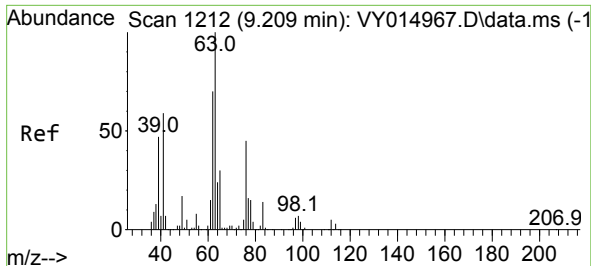
Tgt Ion: 43 Resp: 904926
Ion Ratio Lower Upper
43 100
61 26.8 21.1 31.7
87 14.2 9.8 14.8



#44
Trichloroethene
Concen: 139.865 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

Tgt Ion:130 Resp: 486124
Ion Ratio Lower Upper
130 100
95 96.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 143.504 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY014969.D

Acq: 07 Aug 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

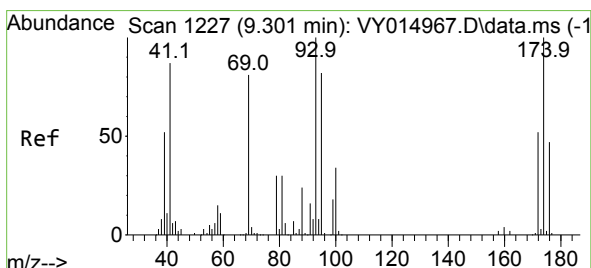
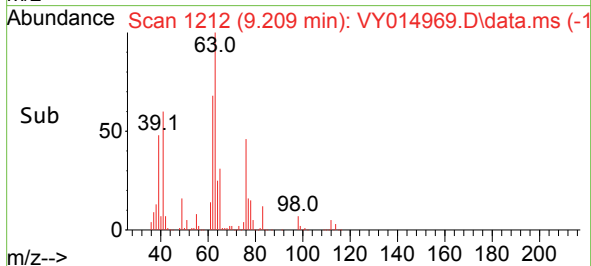
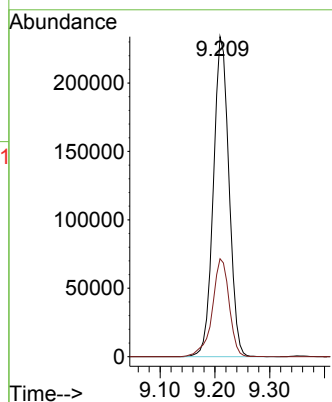
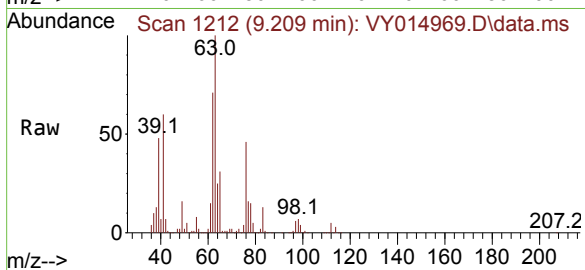
VSTDIC150

Tgt Ion: 63 Resp: 461973

Ion Ratio Lower Upper

63 100

65 30.6 23.8 35.6



#46

Dibromomethane

Concen: 145.913 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014969.D

Acq: 07 Aug 2023 17:37

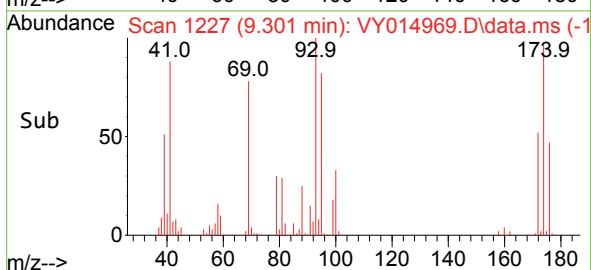
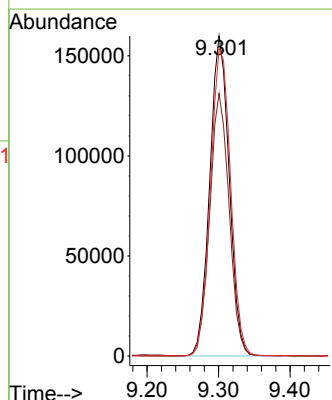
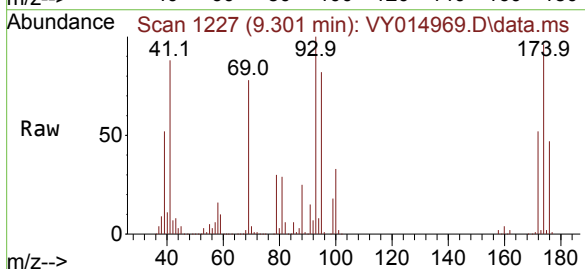
Tgt Ion: 93 Resp: 302598

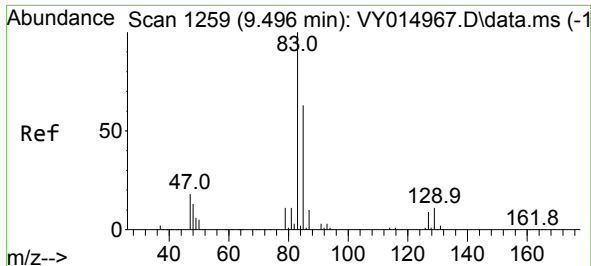
Ion Ratio Lower Upper

93 100

95 82.1 66.6 100.0

174 98.9 84.8 127.2

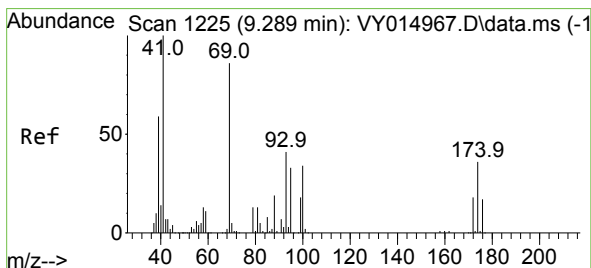
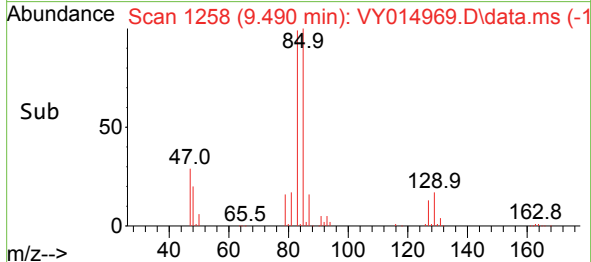
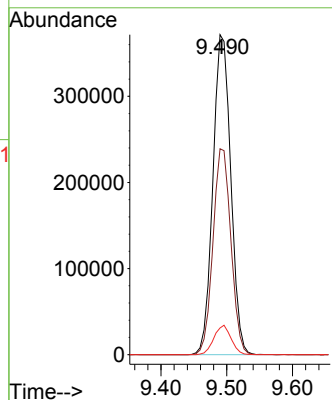
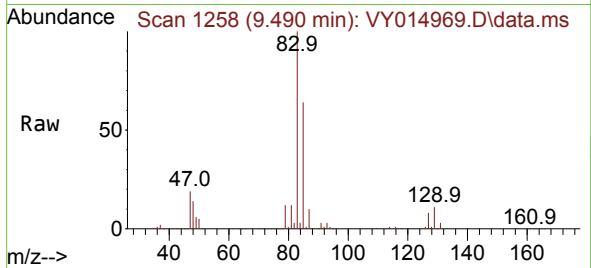




#47
Bromodichloromethane
Concen: 146.965 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

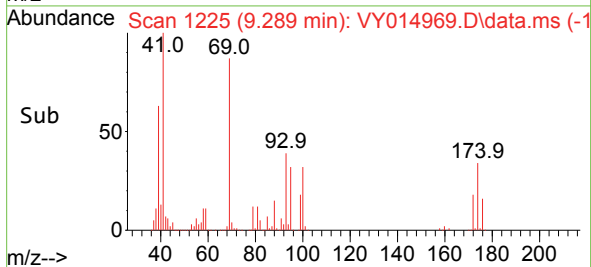
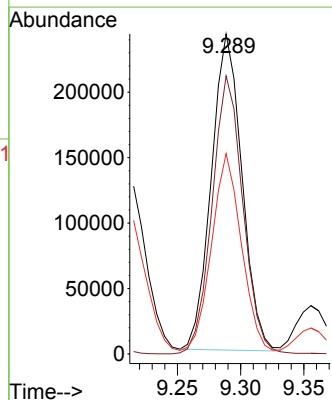
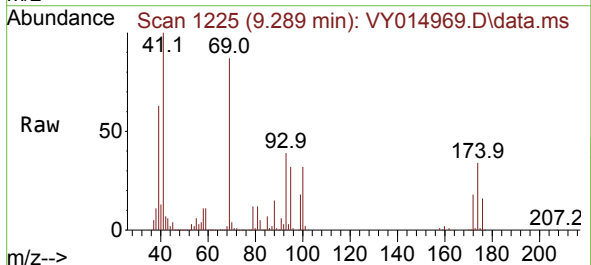
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

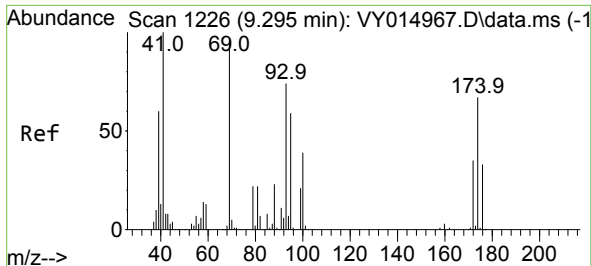
Tgt Ion: 83 Resp: 701846
Ion Ratio Lower Upper
83 100
85 64.4 50.1 75.1
127 8.4 7.1 10.7



#48
Methyl methacrylate
Concen: 152.630 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

Tgt Ion: 41 Resp: 406258
Ion Ratio Lower Upper
41 100
69 88.5 64.5 96.7
39 62.7 50.8 76.2





#49

1,4-Dioxane

Concen: 2927.481 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014969.D

Acq: 07 Aug 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

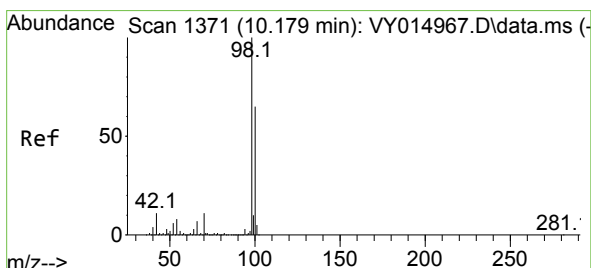
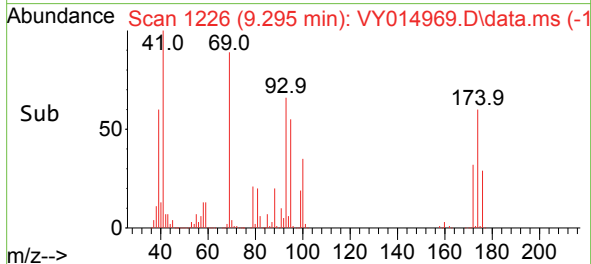
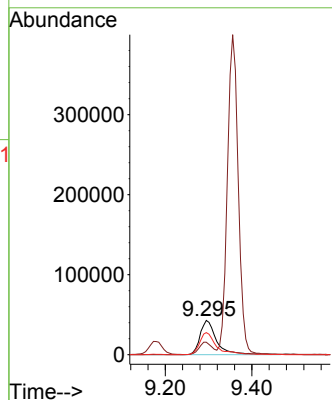
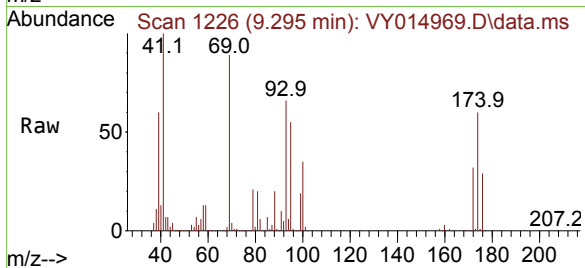
Tgt Ion: 88 Resp: 112925

Ion Ratio Lower Upper

88 100

43 29.1 0.0 0.0#

58 65.7 30.9 46.3#



#50

Toluene-d8

Concen: 146.046 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014969.D

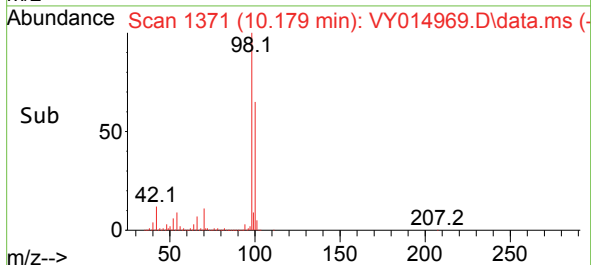
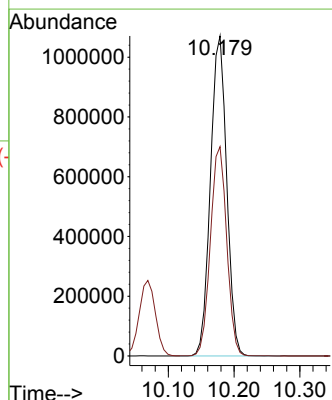
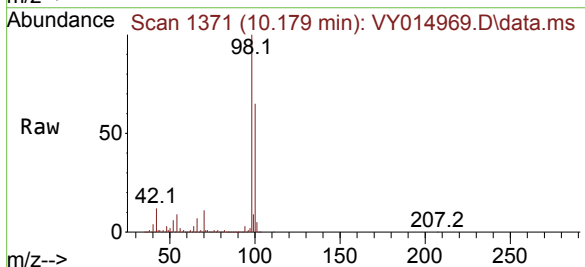
Acq: 07 Aug 2023 17:37

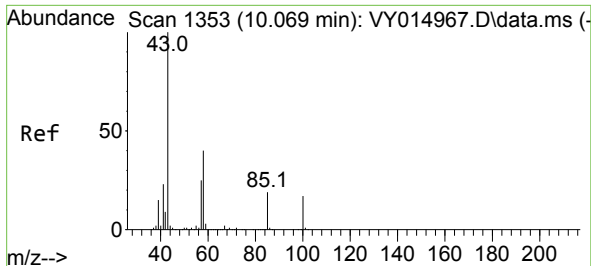
Tgt Ion: 98 Resp: 1841866

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1

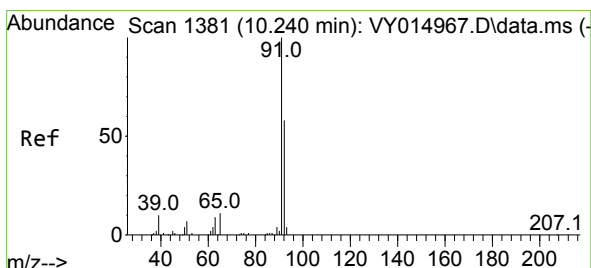
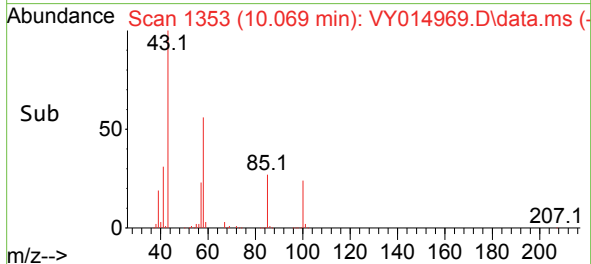
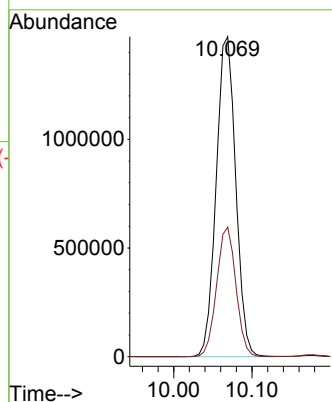
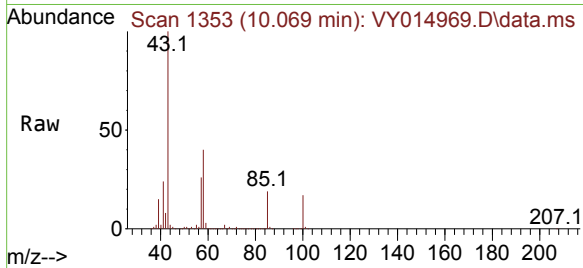




#51
4-Methyl-2-Pentanone
Concen: 746.886 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

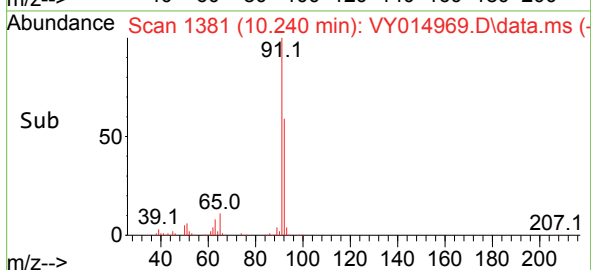
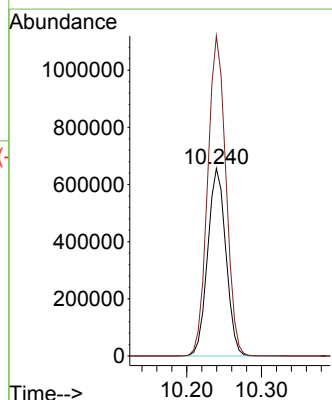
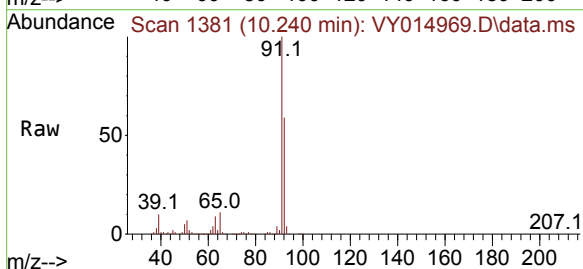
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

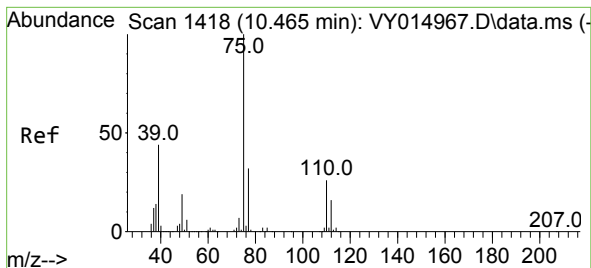
Tgt Ion: 43 Resp: 2553398
Ion Ratio Lower Upper
43 100
58 40.0 29.0 43.6



#52
Toluene
Concen: 142.073 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

Tgt Ion: 92 Resp: 1107445
Ion Ratio Lower Upper
92 100
91 171.1 143.8 215.6

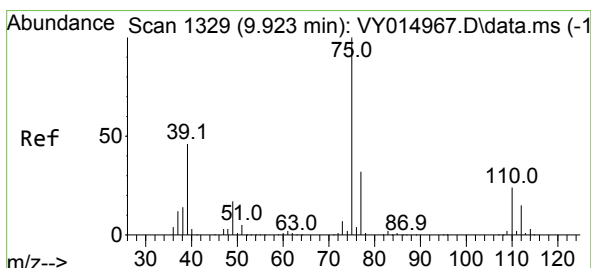
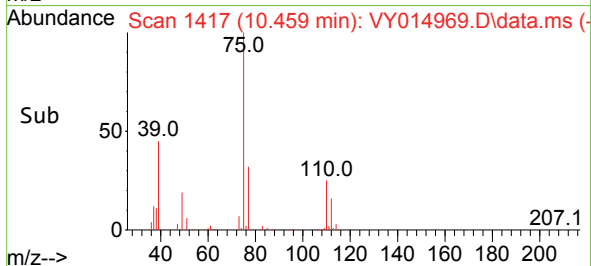
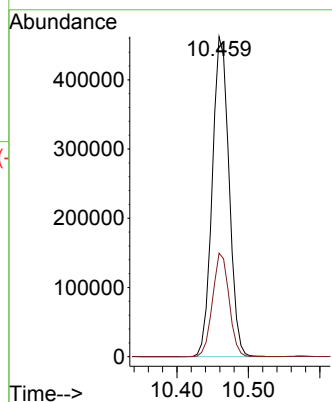
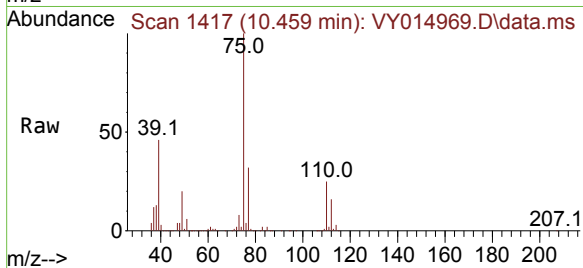




#53
 t-1,3-Dichloropropene
 Concen: 151.488 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY014969.D
 Acq: 07 Aug 2023 17:37

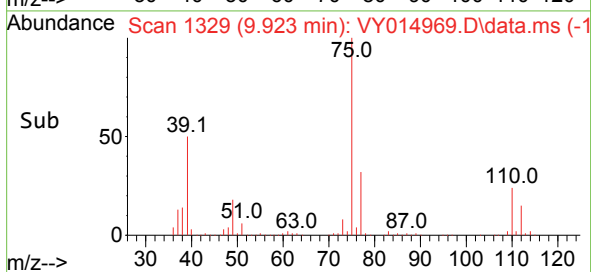
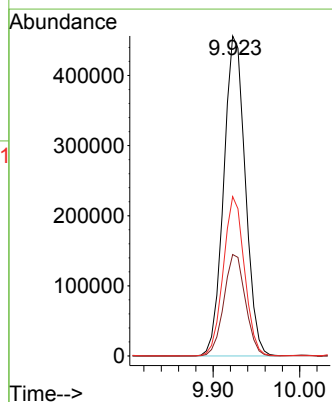
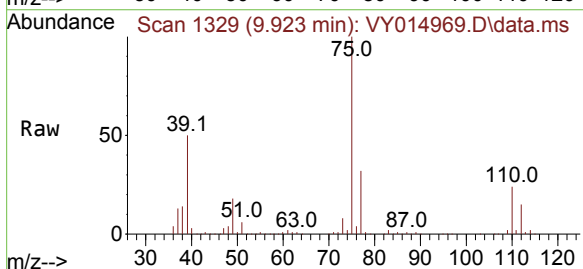
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

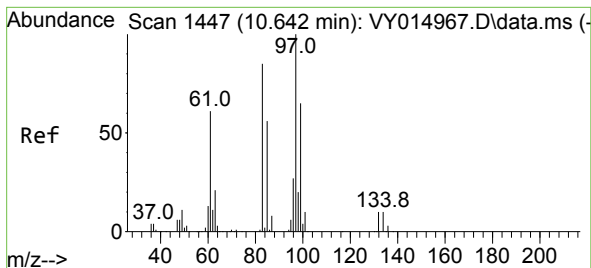
Tgt Ion: 75 Resp: 753389
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 146.969 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY014969.D
 Acq: 07 Aug 2023 17:37

Tgt Ion: 75 Resp: 789685
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.2 36.4
 39 49.8 42.2 63.4



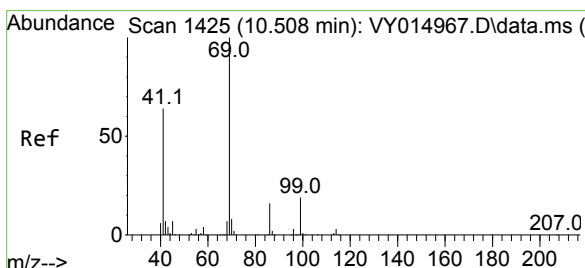
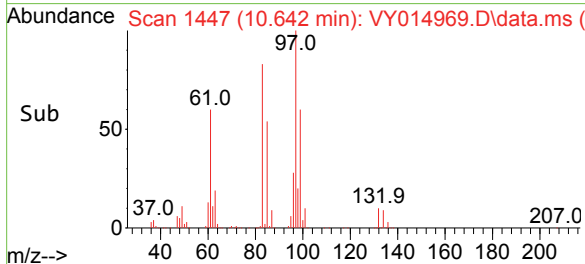
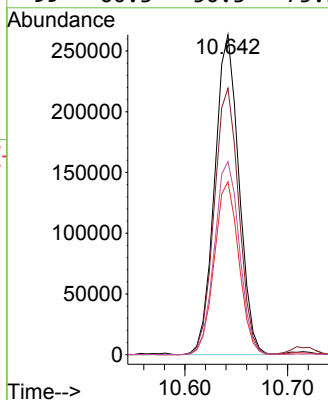
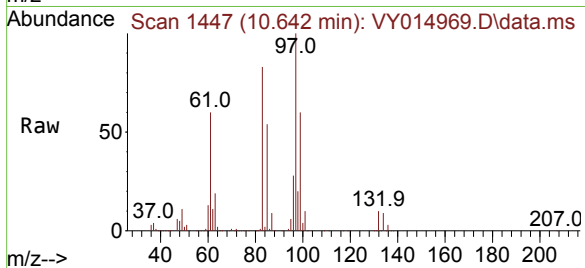


#55
1,1,2-Trichloroethane
Concen: 143.369 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 432131

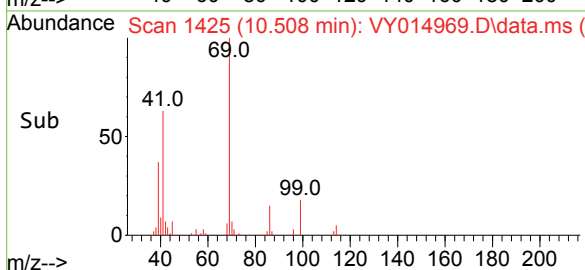
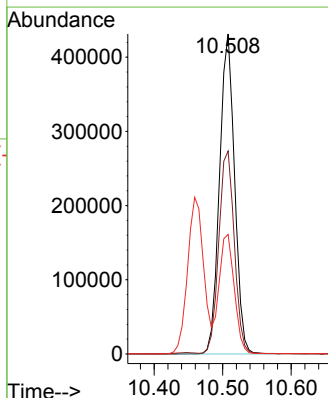
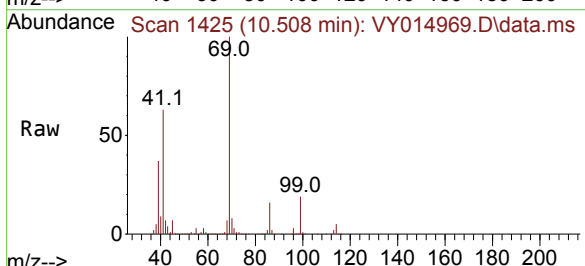
Ion	Ratio	Lower	Upper
97	100		
83	83.3	72.0	108.0
85	54.0	45.4	68.0
99	60.3	50.3	75.5

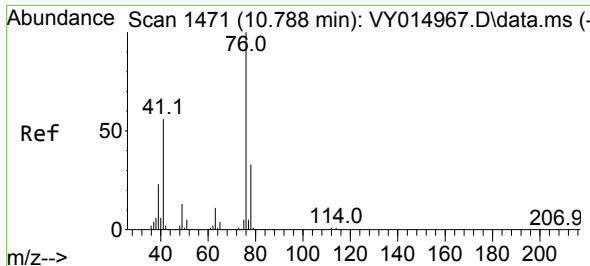


#56
Ethyl methacrylate
Concen: 152.179 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

Tgt Ion: 69 Resp: 656788

Ion	Ratio	Lower	Upper
69	100		
41	65.3	57.6	86.4
39	37.8	34.1	51.1

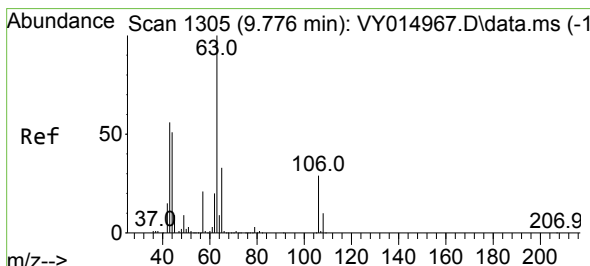
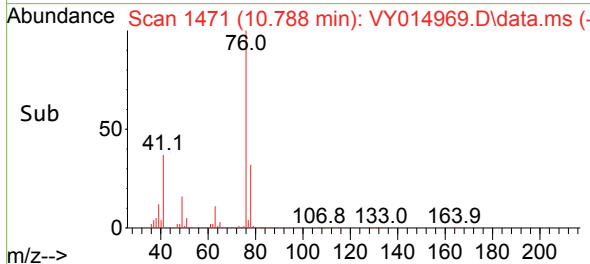
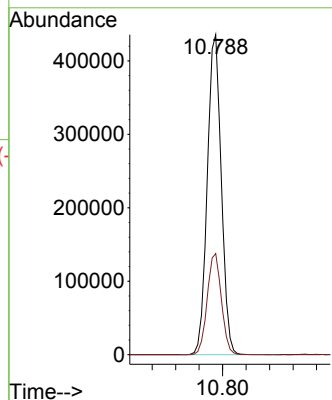
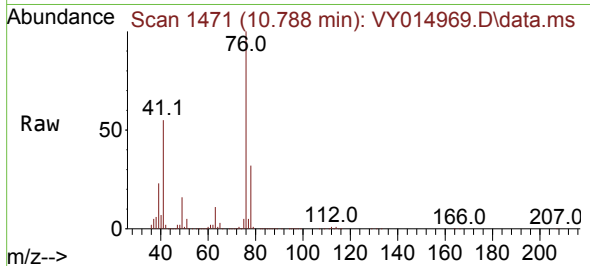




#57
1,3-Dichloropropane
Concen: 144.459 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

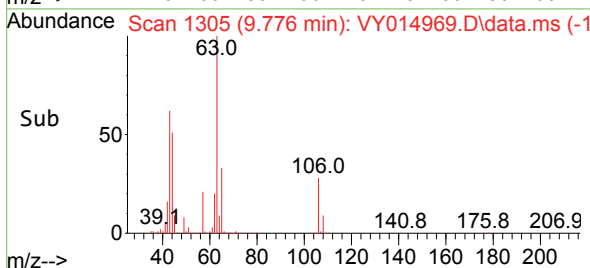
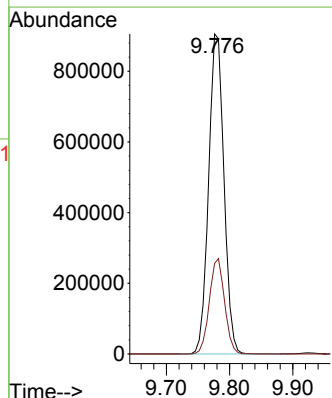
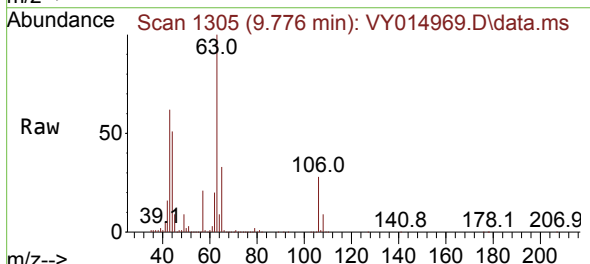
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

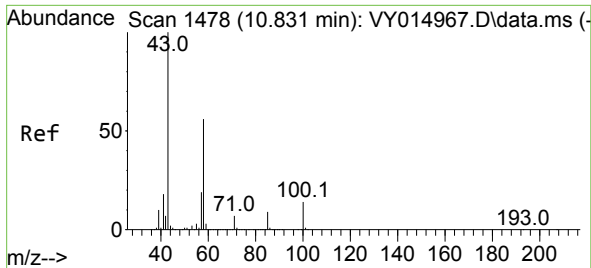
Tgt Ion: 76 Resp: 720384
Ion Ratio Lower Upper
76 100
78 32.0 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 748.783 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

Tgt Ion: 63 Resp: 1528038
Ion Ratio Lower Upper
63 100
106 29.5 21.2 31.8

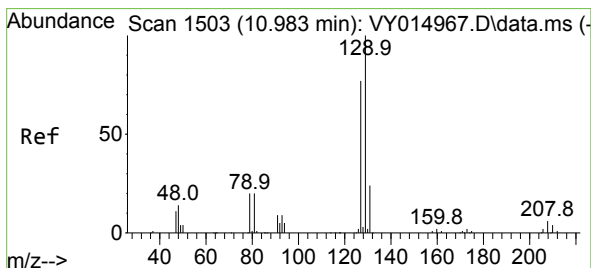
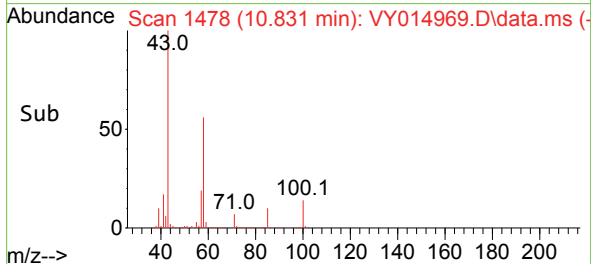
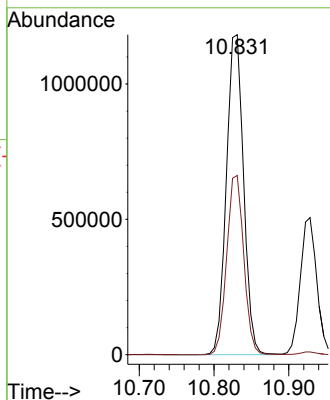
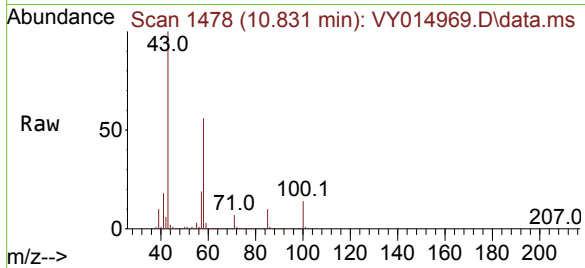




#59
2-Hexanone
Concen: 749.589 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

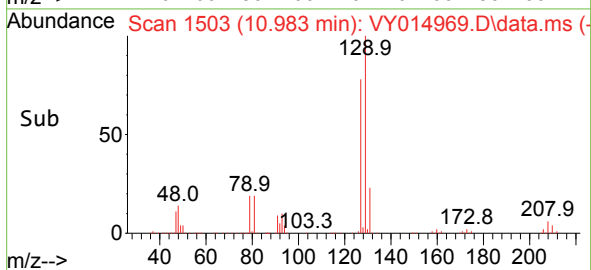
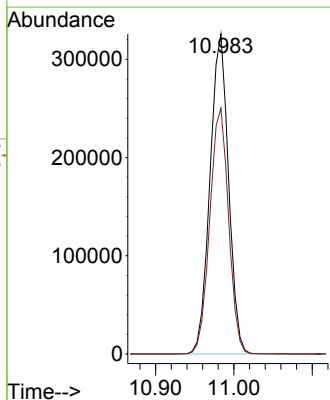
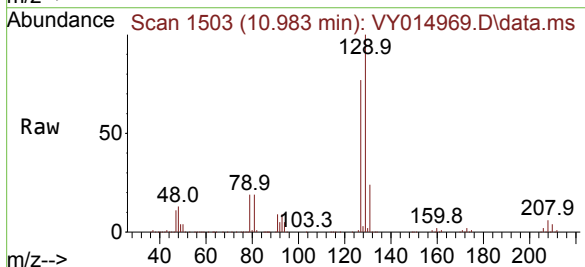
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

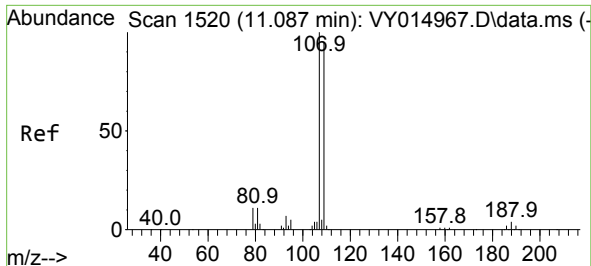
Tgt Ion: 43 Resp: 1893064
Ion Ratio Lower Upper
43 100
58 55.5 25.1 75.3



#60
Dibromochloromethane
Concen: 149.136 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

Tgt Ion: 129 Resp: 535233
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5

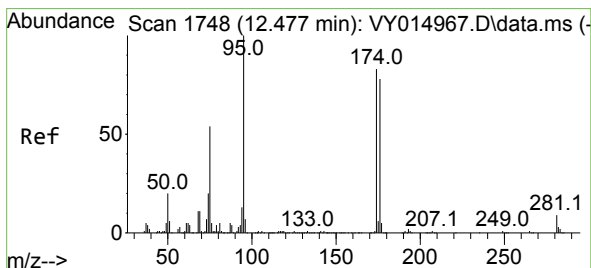
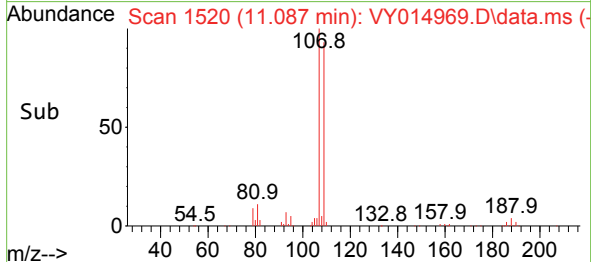
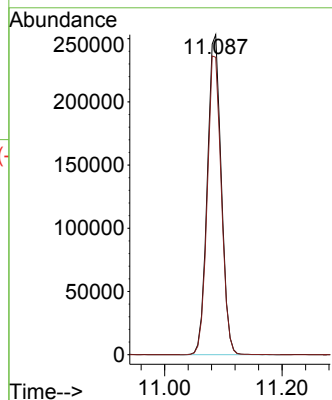
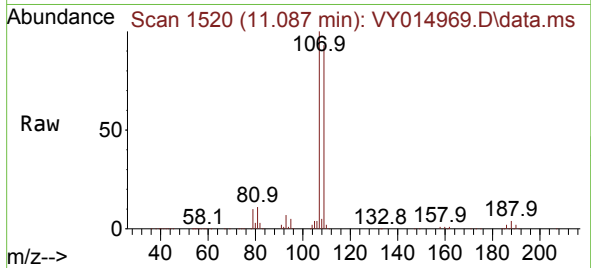




#61
1,2-Dibromoethane
Concen: 145.055 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

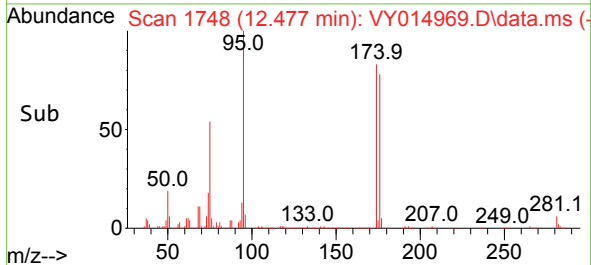
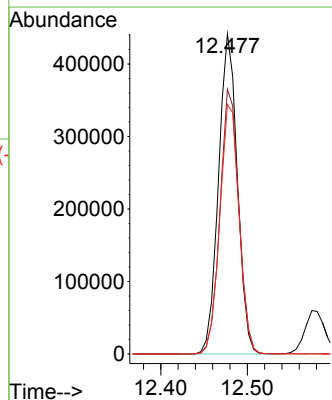
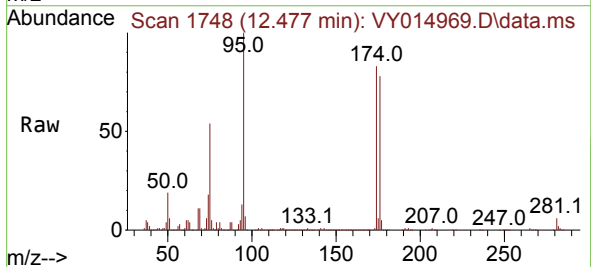
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

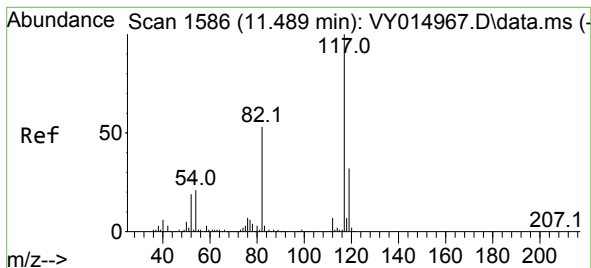
Tgt Ion:107 Resp: 417319
Ion Ratio Lower Upper
107 100
109 94.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 148.931 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

Tgt Ion: 95 Resp: 665686
Ion Ratio Lower Upper
95 100
174 83.0 0.0 178.2
176 79.9 0.0 173.8

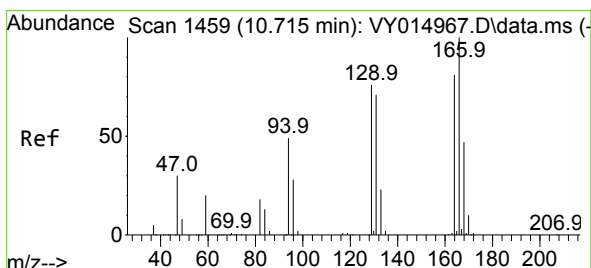
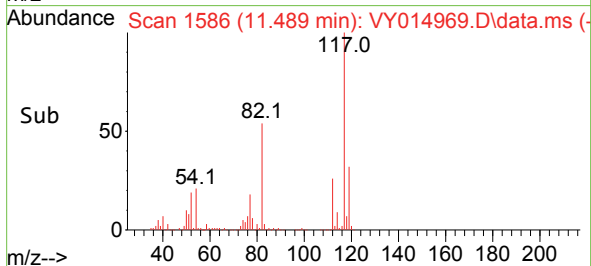
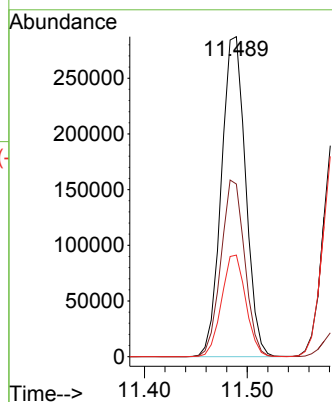
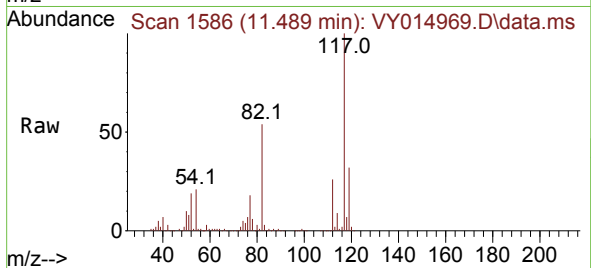




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

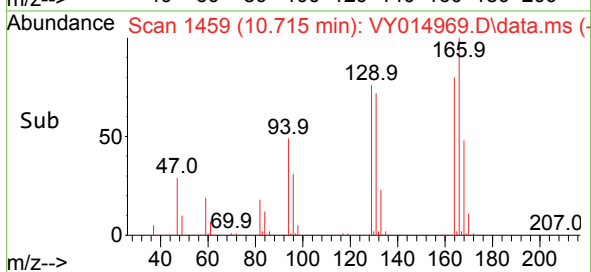
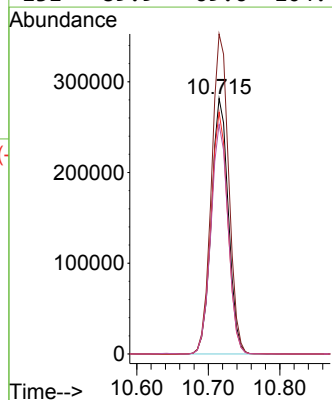
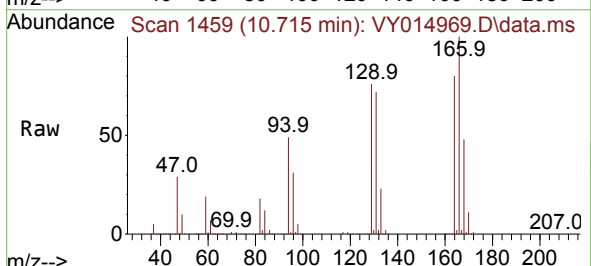
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

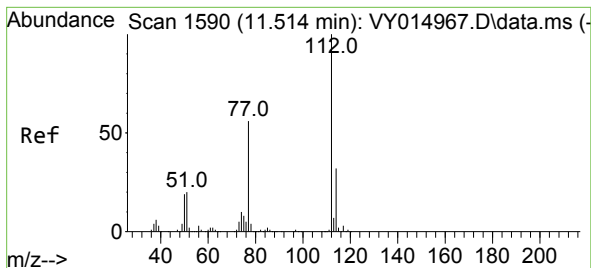
Tgt Ion:117 Resp: 469694
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 31.8 26.3 39.5



#64
Tetrachloroethene
Concen: 131.372 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

Tgt Ion:164 Resp: 464151
Ion Ratio Lower Upper
164 100
166 125.3 103.0 154.6
129 94.7 77.2 115.8
131 89.9 69.6 104.4





#65

Chlorobenzene

Concen: 140.563 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY014969.D

Acq: 07 Aug 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

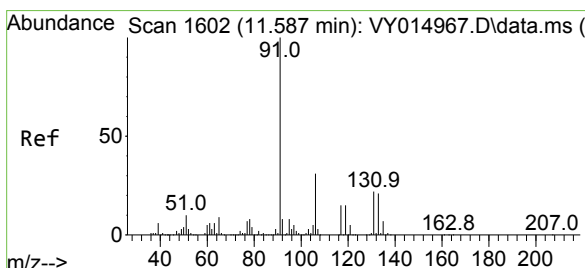
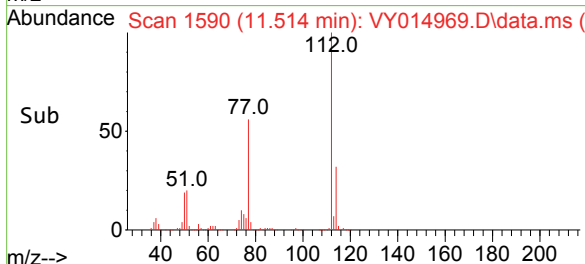
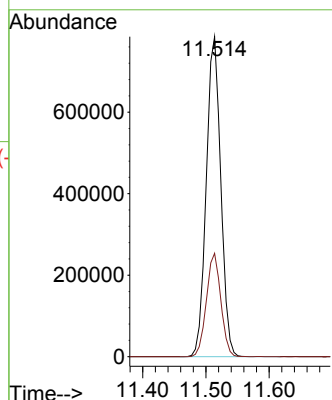
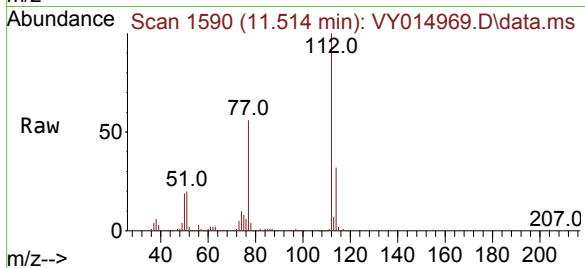
VSTDIC150

Tgt Ion:112 Resp: 1252774

Ion Ratio Lower Upper

112 100

114 32.3 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 146.284 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY014969.D

Acq: 07 Aug 2023 17:37

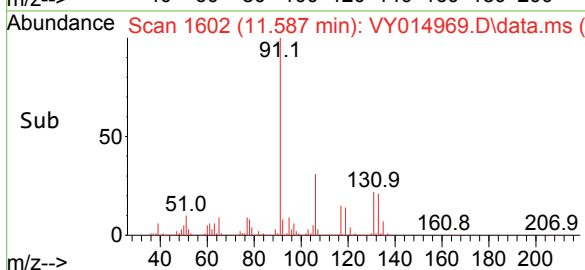
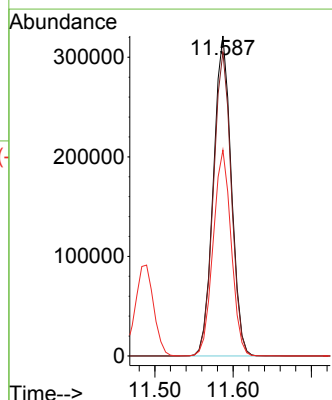
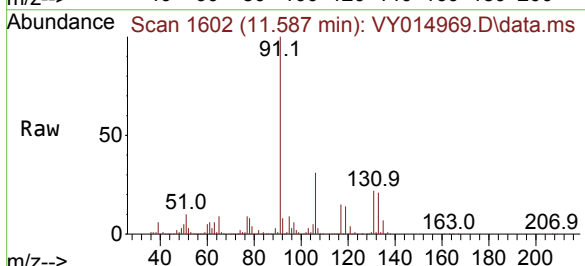
Tgt Ion:131 Resp: 510876

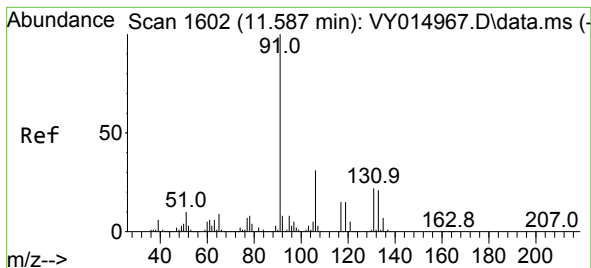
Ion Ratio Lower Upper

131 100

133 95.1 47.5 142.6

119 64.7 31.6 94.7

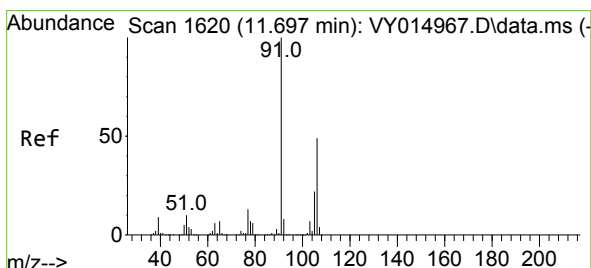
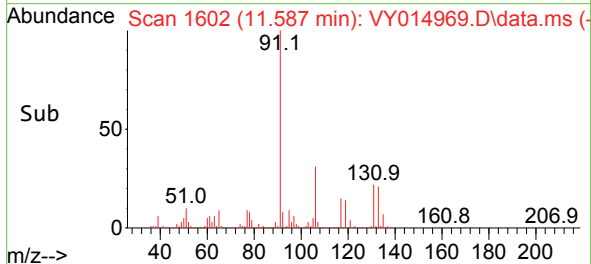
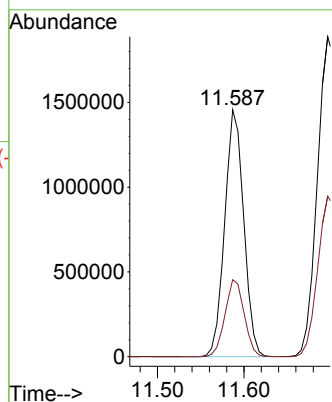
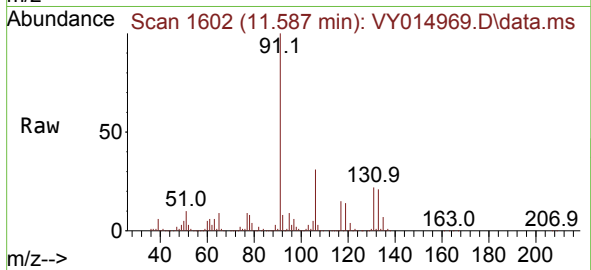




#67
Ethyl Benzene
Concen: 141.948 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

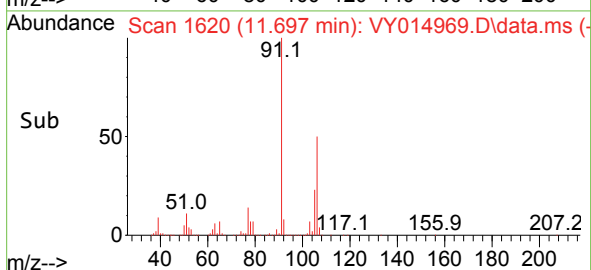
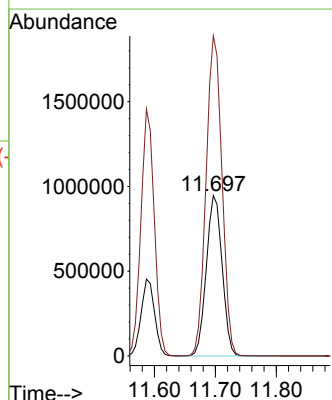
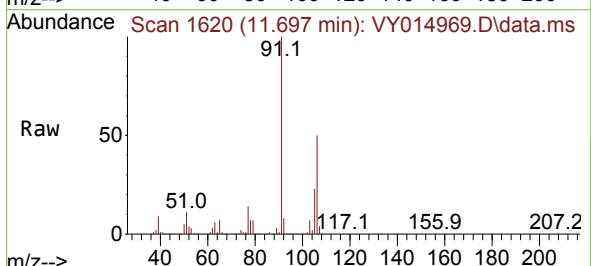
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

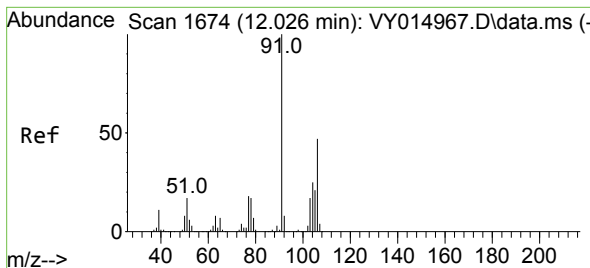
Tgt Ion: 91 Resp: 2220243
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8



#68
m/p-Xylenes
Concen: 284.650 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

Tgt Ion:106 Resp: 1703208
Ion Ratio Lower Upper
106 100
91 200.9 166.1 249.1

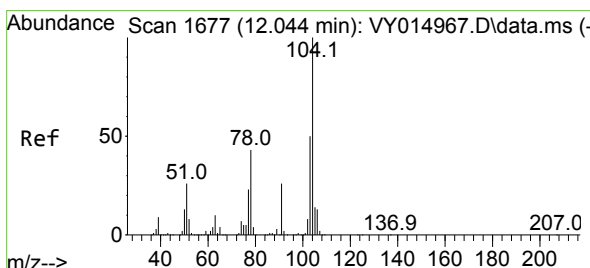
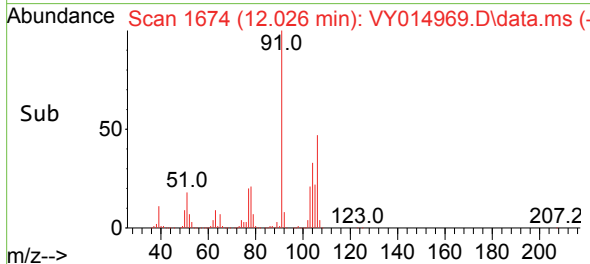
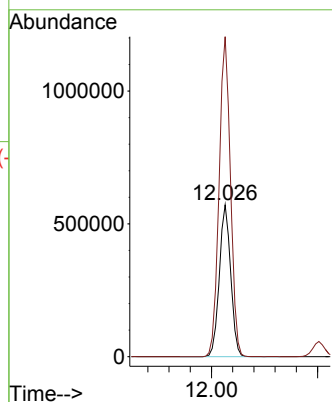
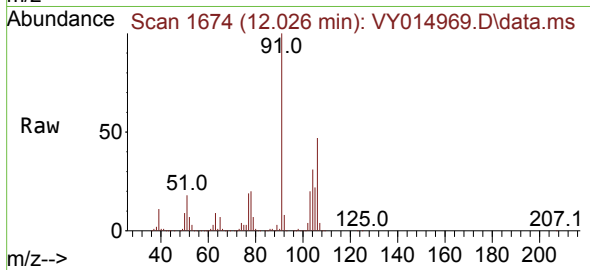




#69
o-Xylene
Concen: 144.854 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

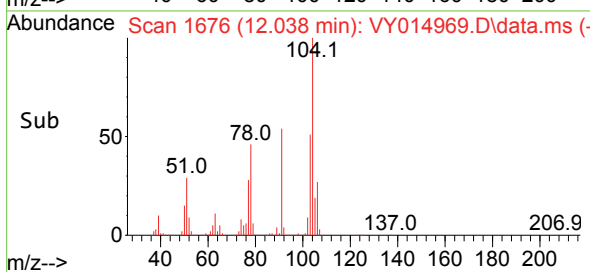
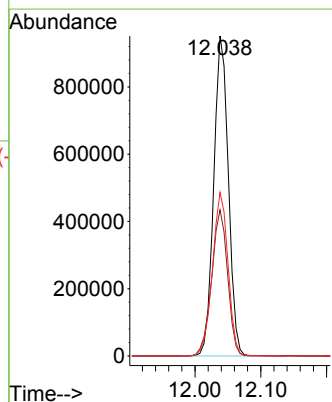
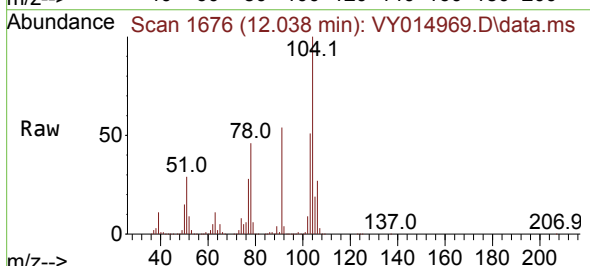
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

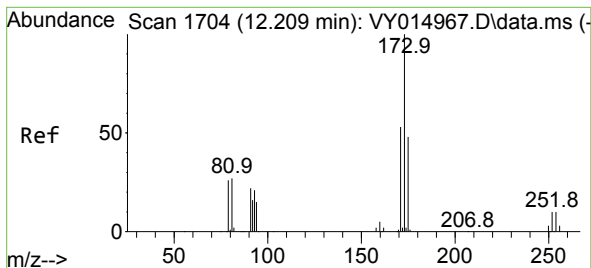
Tgt Ion:106 Resp: 848110
Ion Ratio Lower Upper
106 100
91 211.7 108.1 324.3



#70
Styrene
Concen: 147.051 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

Tgt Ion:104 Resp: 1471389
Ion Ratio Lower Upper
104 100
78 49.7 41.5 62.3
103 54.4 44.6 67.0





#71

Bromoform

Concen: 151.540 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014969.D

Acq: 07 Aug 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

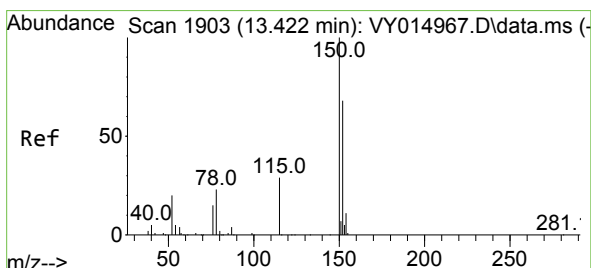
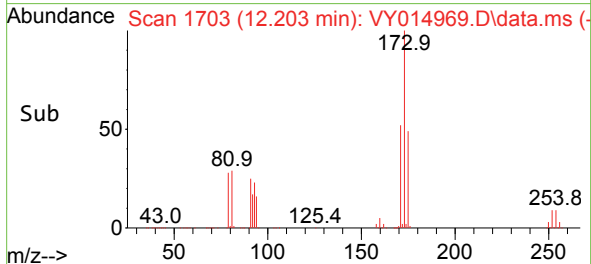
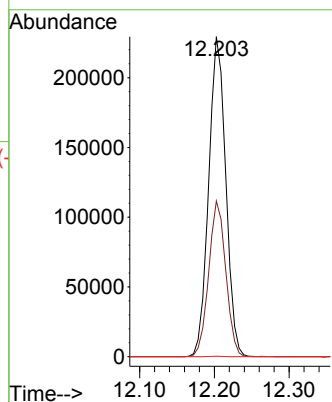
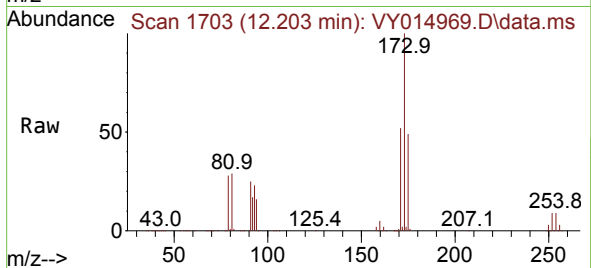
Tgt Ion:173 Resp: 364788

Ion Ratio Lower Upper

173 100

175 48.6 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY014969.D

Acq: 07 Aug 2023 17:37

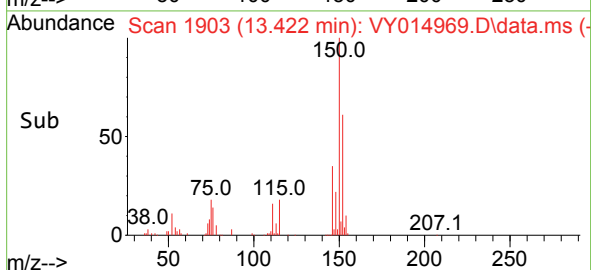
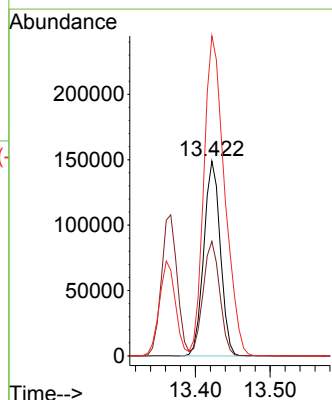
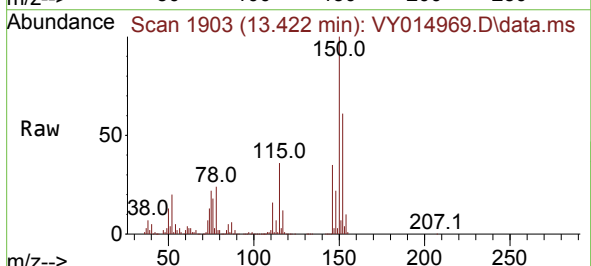
Tgt Ion:152 Resp: 228565

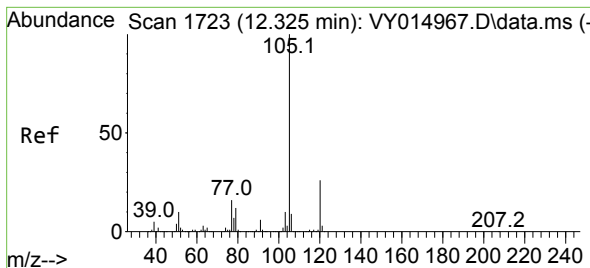
Ion Ratio Lower Upper

152 100

115 59.5 28.8 86.5

150 205.8 0.0 348.8

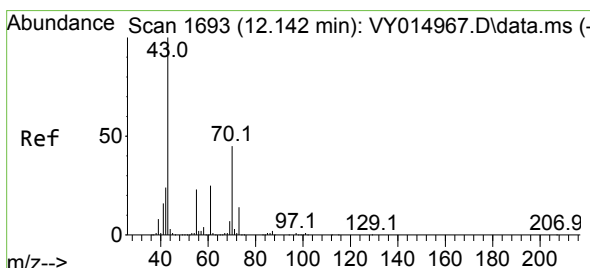
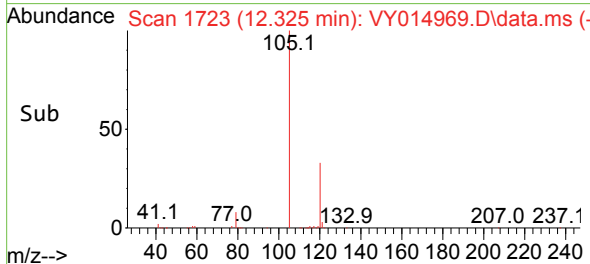
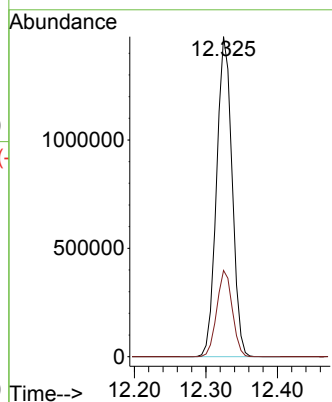
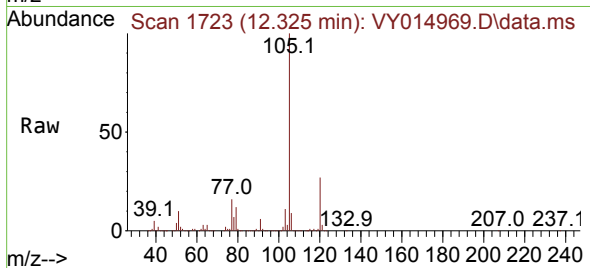




#73
Isopropylbenzene
Concen: 144.596 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

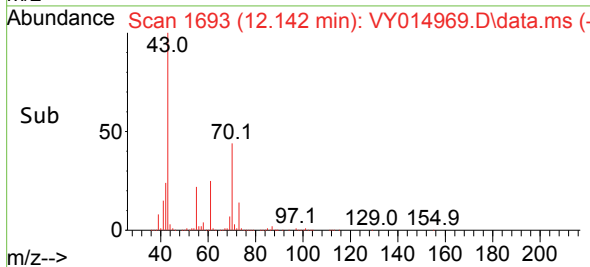
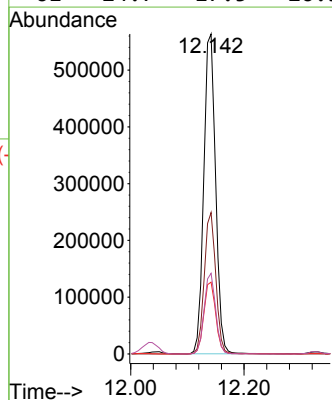
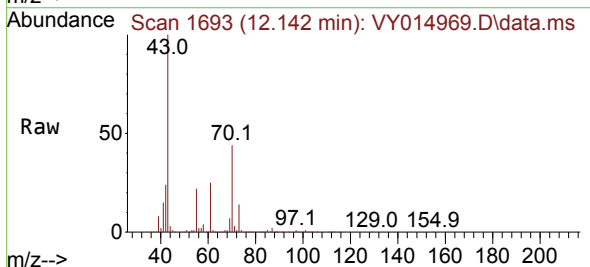
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

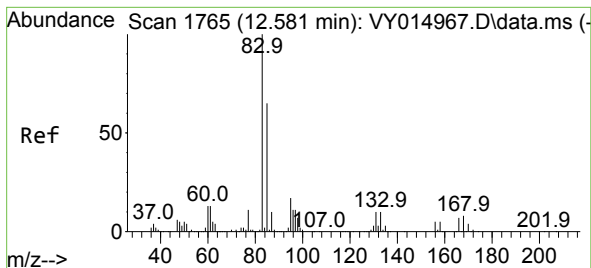
Tgt Ion:105 Resp: 2221660
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.9



#74
N-ethyl acetate
Concen: 155.362 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

Tgt Ion: 43 Resp: 815566
Ion Ratio Lower Upper
43 100
70 43.1 29.7 44.5
55 22.7 18.3 27.5
61 24.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 151.107 ug/l

RT: 12.575 min Scan# 1764

Delta R.T. -0.006 min

Lab File: VY014969.D

Acq: 07 Aug 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

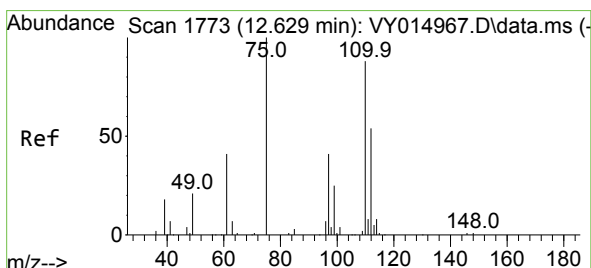
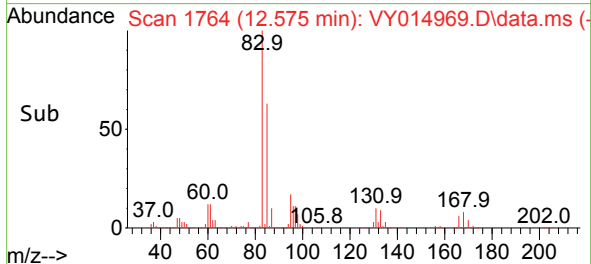
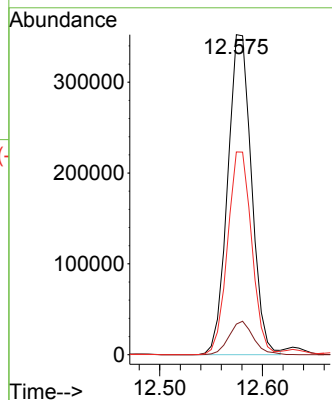
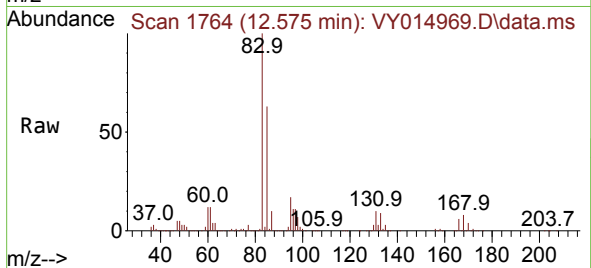
Tgt Ion: 83 Resp: 567371

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

85 64.2 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 270.379 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY014969.D

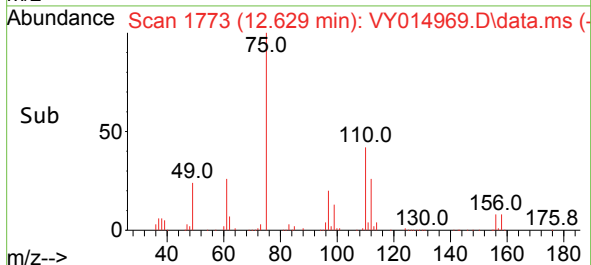
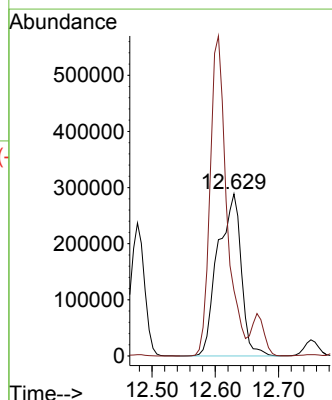
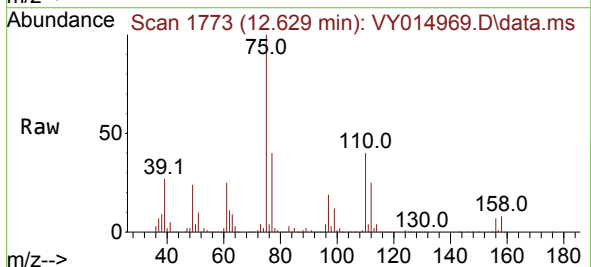
Acq: 07 Aug 2023 17:37

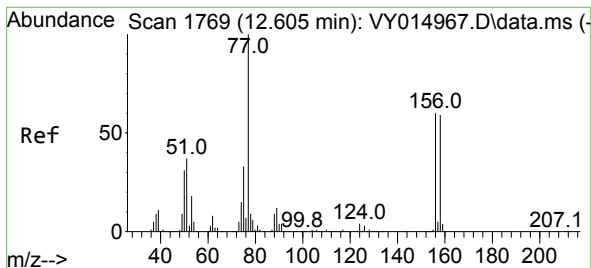
Tgt Ion: 75 Resp: 740500

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 144.354 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY014969.D

Acq: 07 Aug 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

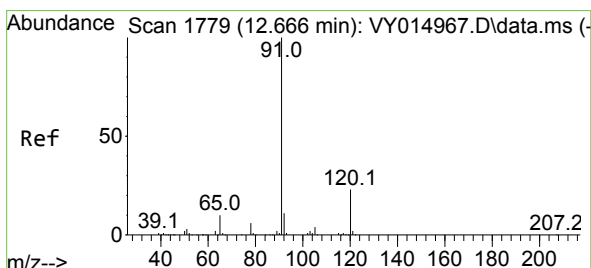
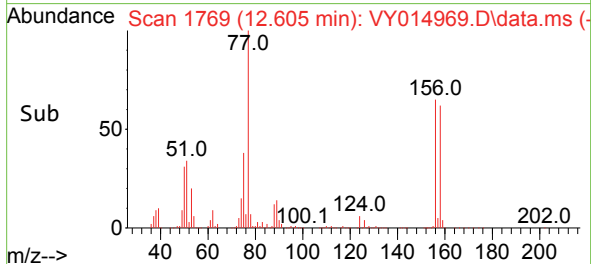
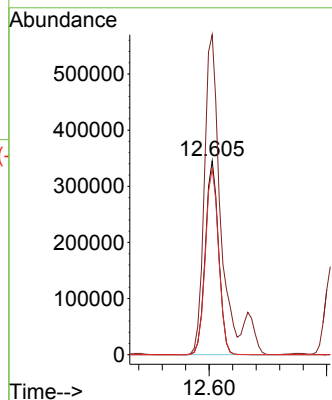
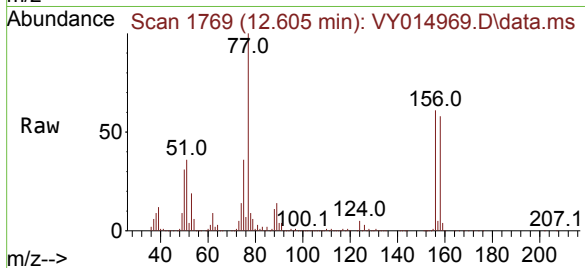
Tgt Ion:156 Resp: 537988

Ion Ratio Lower Upper

156 100

77 193.8 92.8 278.6

158 96.8 48.4 145.3



#78

n-propylbenzene

Concen: 143.792 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VY014969.D

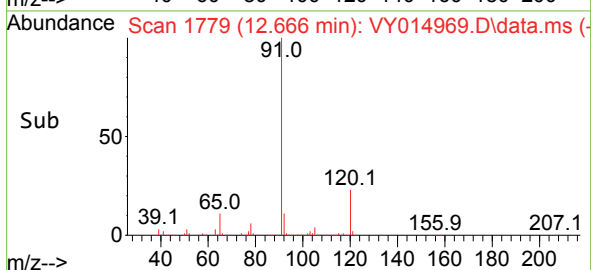
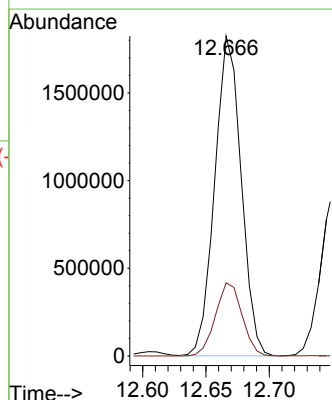
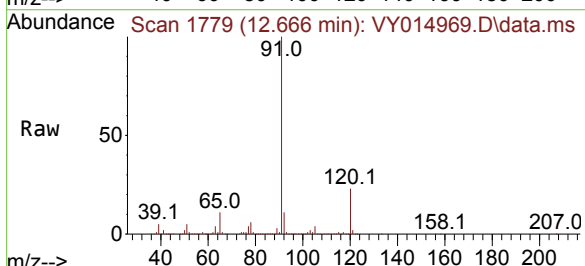
Acq: 07 Aug 2023 17:37

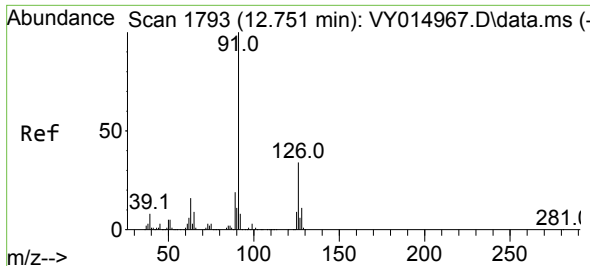
Tgt Ion: 91 Resp: 2642433

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

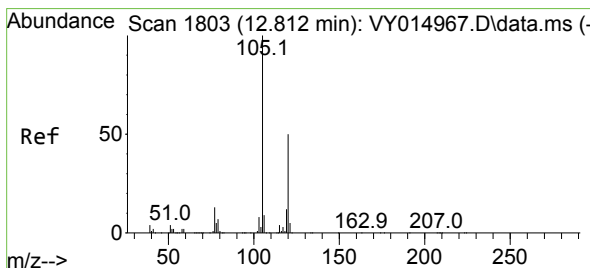
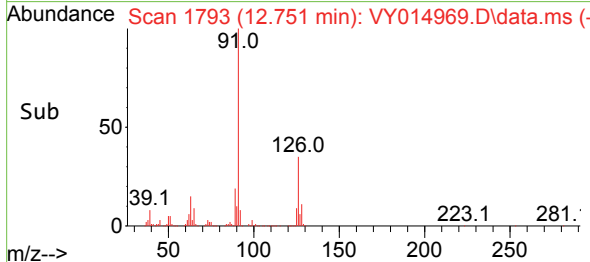
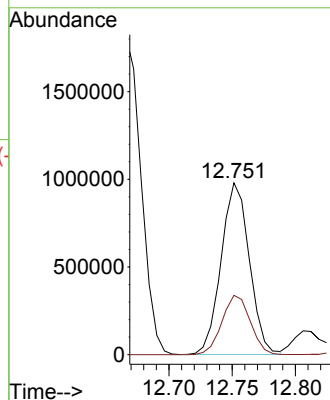
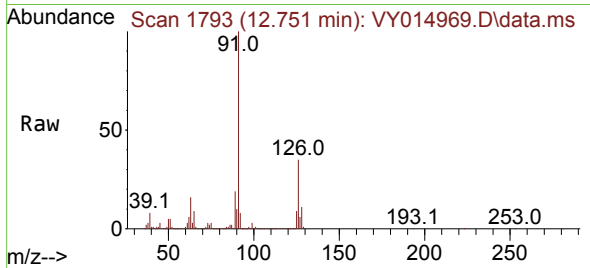




#79
2-Chlorotoluene
Concen: 145.311 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

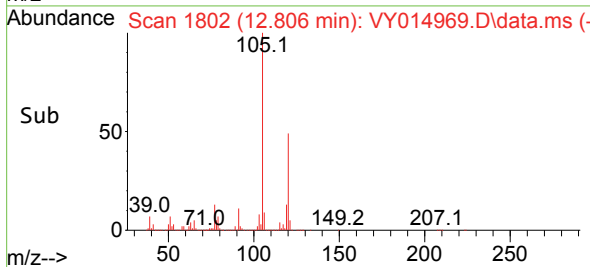
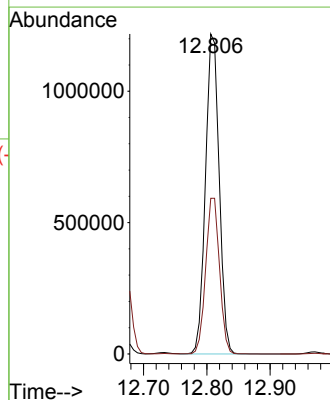
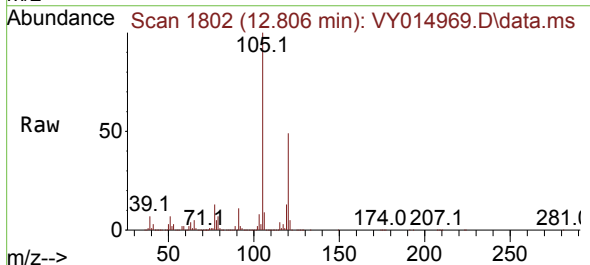
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

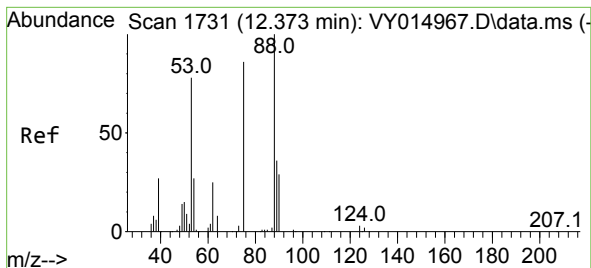
Tgt Ion: 91 Resp: 1521891
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 145.323 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

Tgt Ion:105 Resp: 1840003
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7

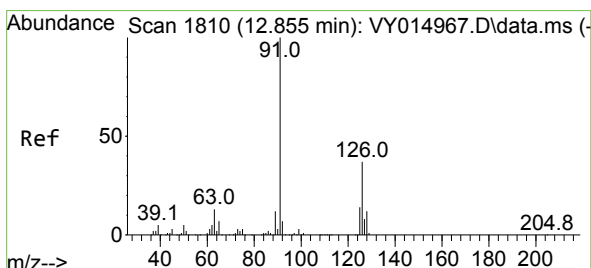
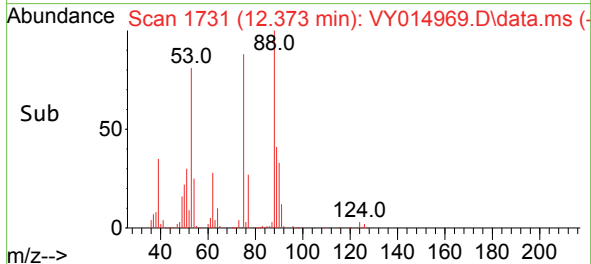
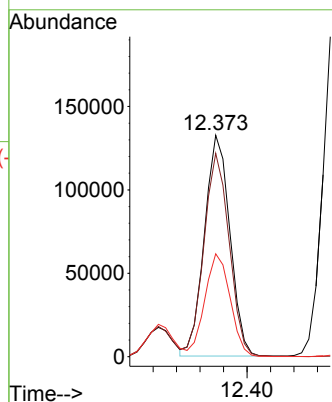
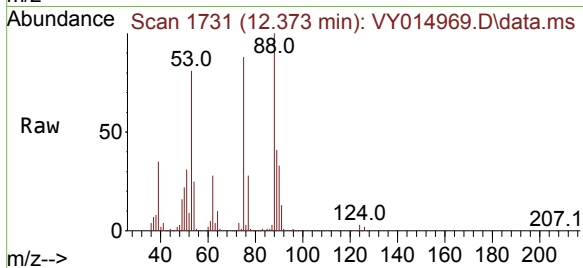




#81
trans-1,4-Dichloro-2-butene
Concen: 160.335 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

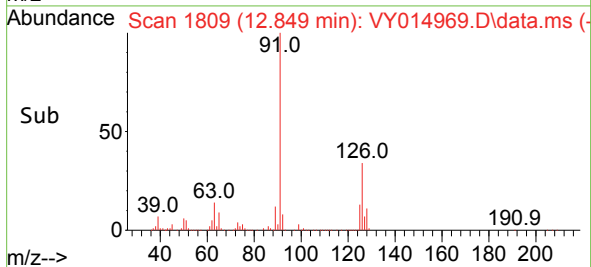
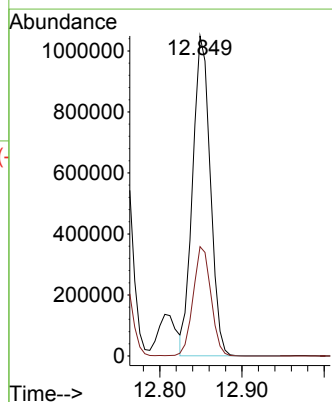
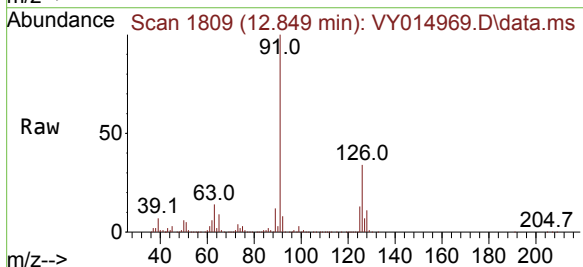
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

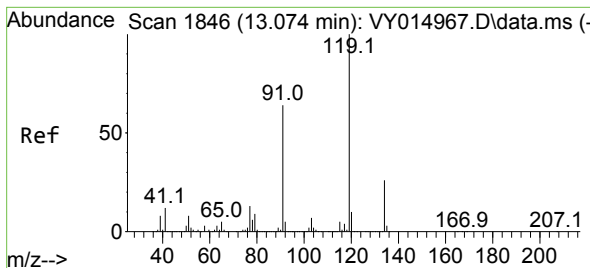
Tgt Ion: 75 Resp: 199325
Ion Ratio Lower Upper
75 100
53 91.8 77.8 116.8
89 46.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 144.332 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

Tgt Ion: 91 Resp: 1562688
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 146.457 ug/l

RT: 13.068 min Scan# 1845

Delta R.T. -0.006 min

Lab File: VY014969.D

Acq: 07 Aug 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

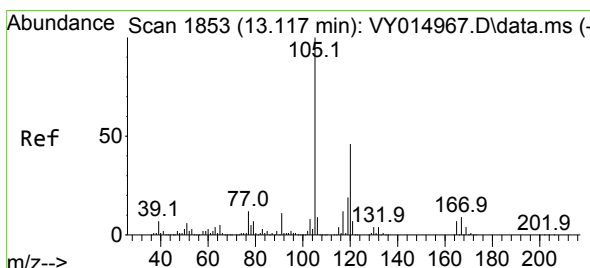
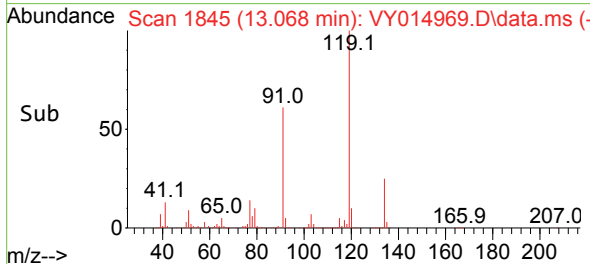
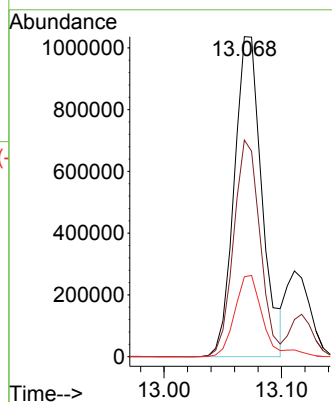
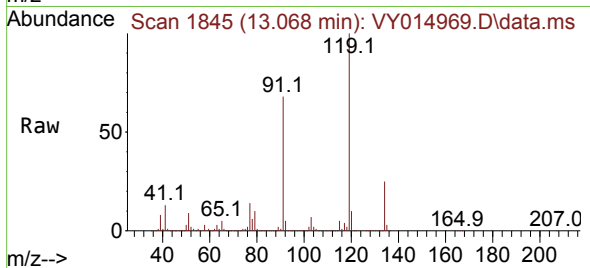
Tgt Ion:119 Resp: 1696366

Ion Ratio Lower Upper

119 100

91 64.7 32.9 98.6

134 26.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 145.119 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY014969.D

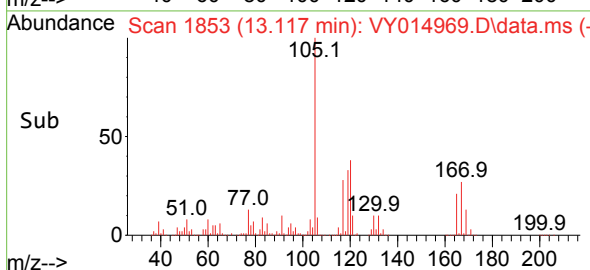
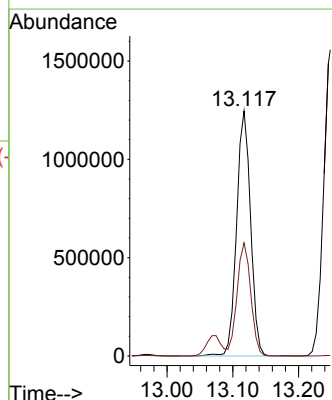
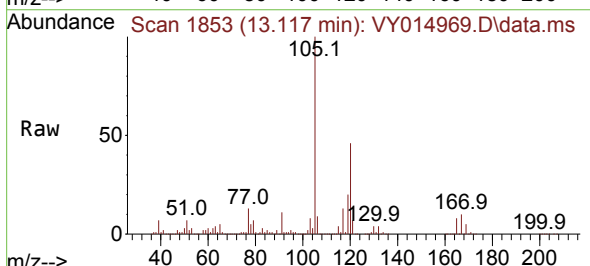
Acq: 07 Aug 2023 17:37

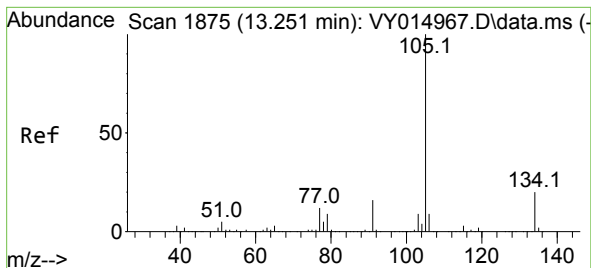
Tgt Ion:105 Resp: 1840912

Ion Ratio Lower Upper

105 100

120 45.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 142.930 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY014969.D

Acq: 07 Aug 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

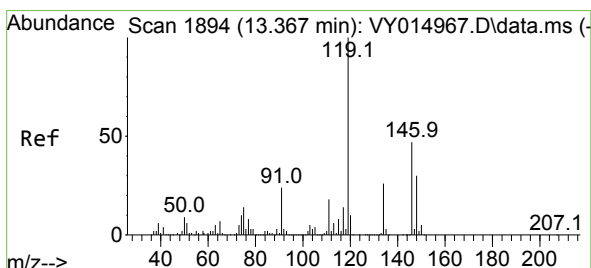
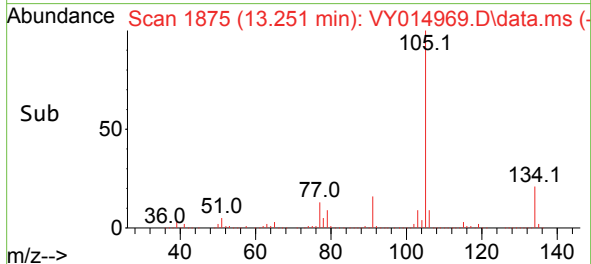
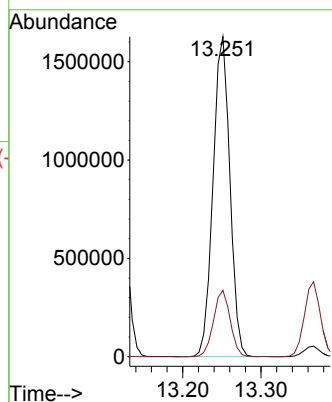
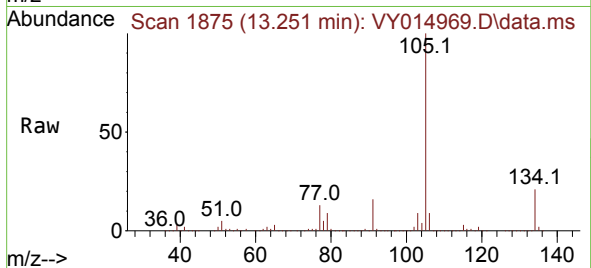
VSTDIC150

Tgt Ion:105 Resp: 2429738

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 145.773 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY014969.D

Acq: 07 Aug 2023 17:37

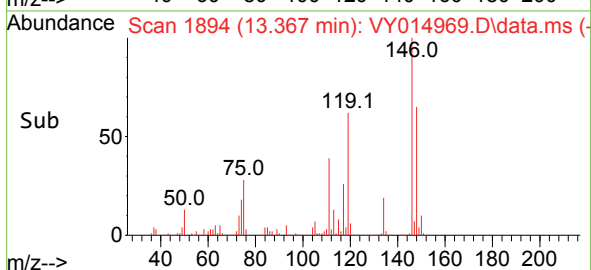
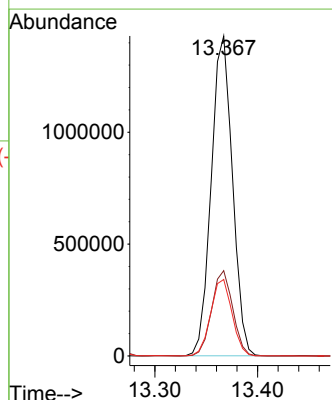
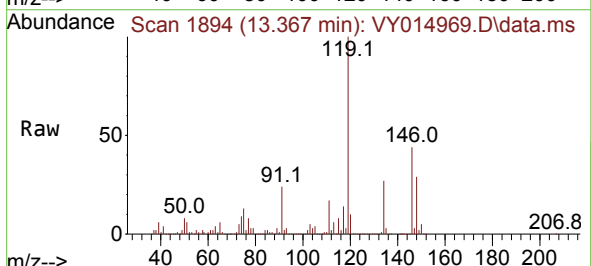
Tgt Ion:119 Resp: 2051234

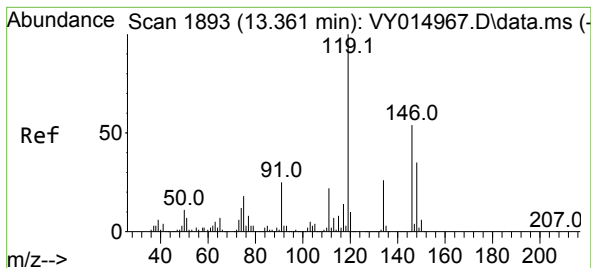
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 24.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 144.772 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VY014969.D

Acq: 07 Aug 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

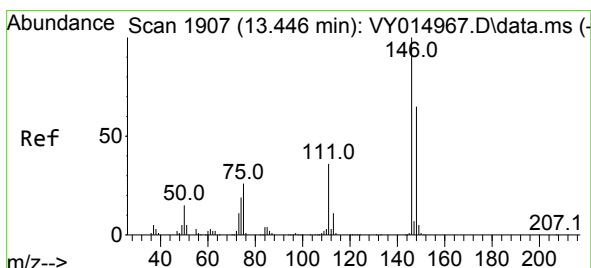
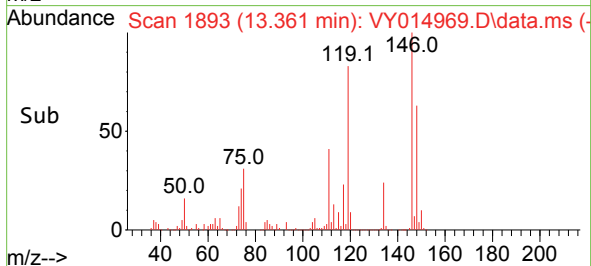
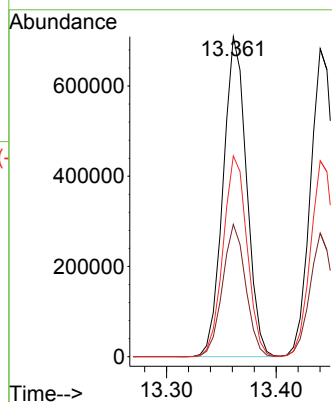
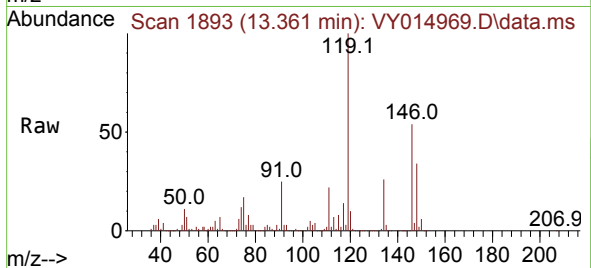
Tgt Ion:146 Resp: 1056095

Ion Ratio Lower Upper

146 100

111 40.7 19.4 58.2

148 63.8 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 142.757 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY014969.D

Acq: 07 Aug 2023 17:37

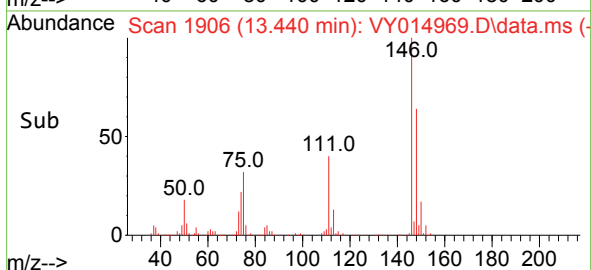
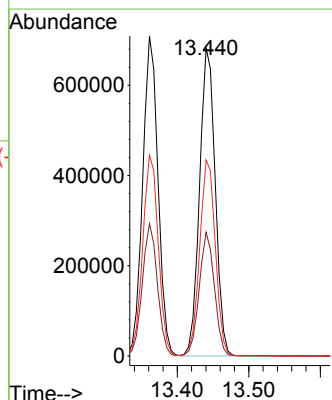
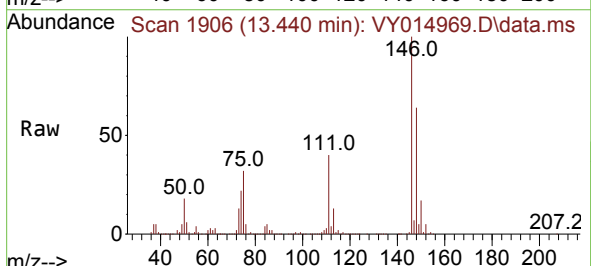
Tgt Ion:146 Resp: 1038551

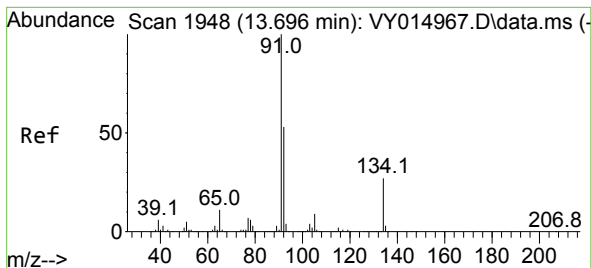
Ion Ratio Lower Upper

146 100

111 38.9 18.9 56.7

148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 142.791 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY014969.D

Acq: 07 Aug 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

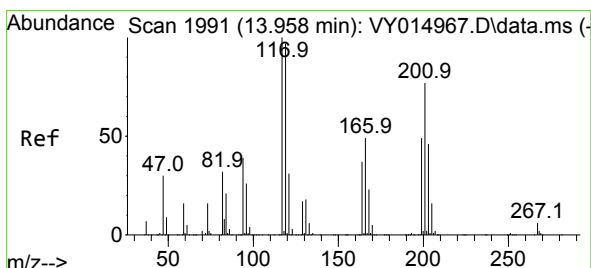
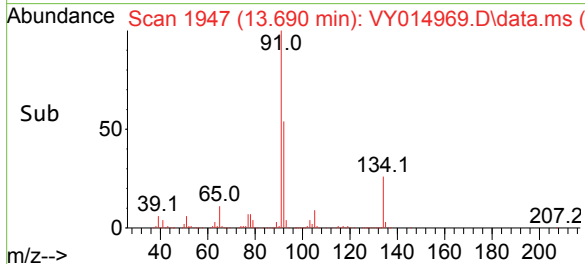
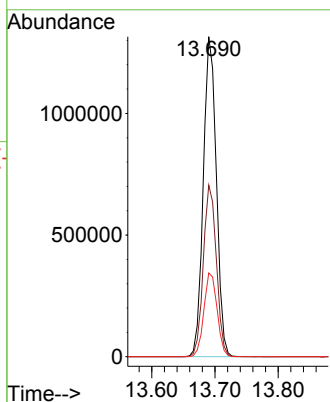
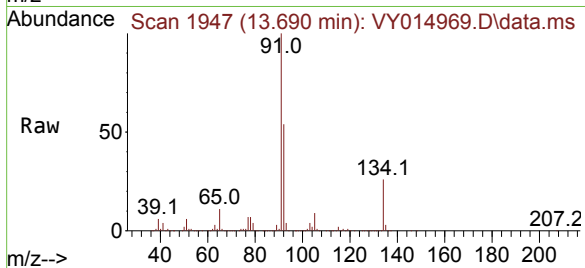
Tgt Ion: 91 Resp: 1887862

Ion Ratio Lower Upper

91 100

92 53.8 25.4 76.0

134 26.5 12.6 37.6



#90

Hexachloroethane

Concen: 147.508 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY014969.D

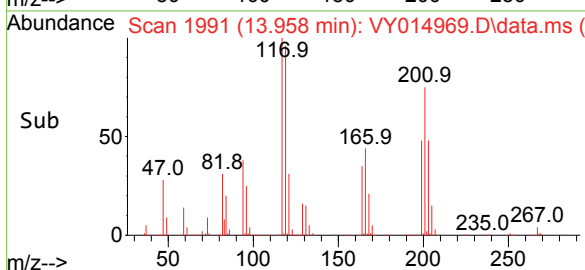
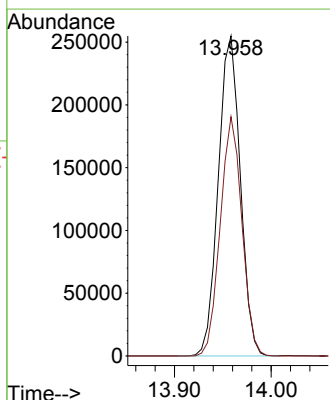
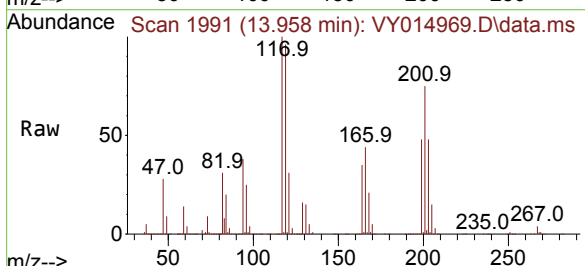
Acq: 07 Aug 2023 17:37

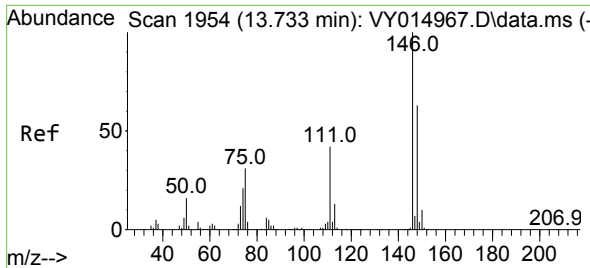
Tgt Ion: 117 Resp: 403077

Ion Ratio Lower Upper

117 100

201 73.5 41.6 124.8

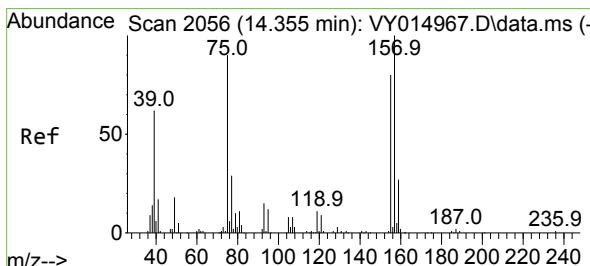
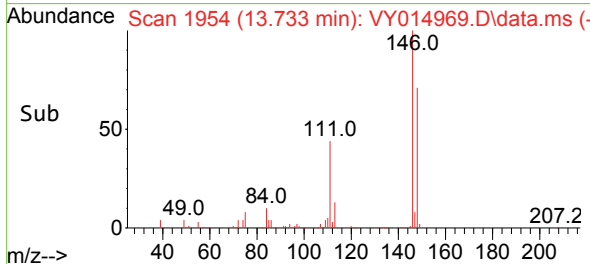
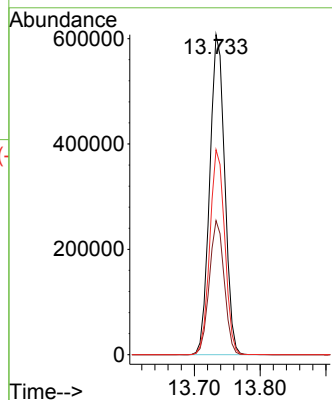
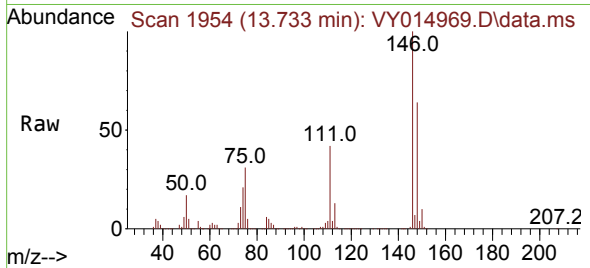




#91
 1,2-Dichlorobenzene
 Concen: 143.156 ug/l
 RT: 13.733 min Scan# 1954
 Delta R.T. -0.000 min
 Lab File: VY014969.D
 Acq: 07 Aug 2023 17:37

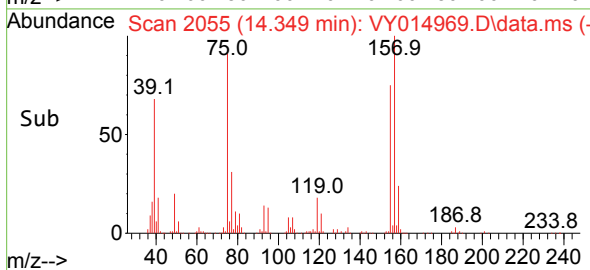
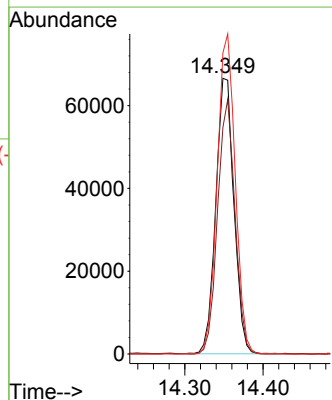
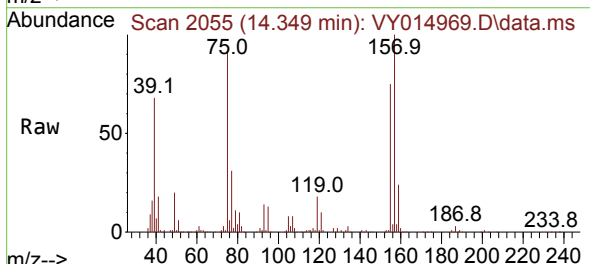
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

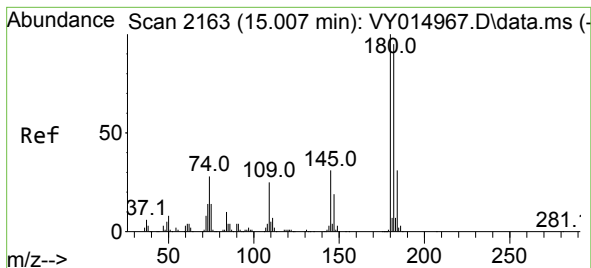
Tgt Ion:	146	Resp:	963804
Ion	Ratio	Lower	Upper
146	100		
111	41.7	19.7	59.0
148	63.9	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 146.115 ug/l
 RT: 14.349 min Scan# 2055
 Delta R.T. -0.006 min
 Lab File: VY014969.D
 Acq: 07 Aug 2023 17:37

Tgt Ion:	75	Resp:	107120
Ion	Ratio	Lower	Upper
75	100		
155	88.8	41.5	124.6
157	115.4	51.8	155.5





#93

1,2,4-Trichlorobenzene

Concen: 146.015 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014969.D

Acq: 07 Aug 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

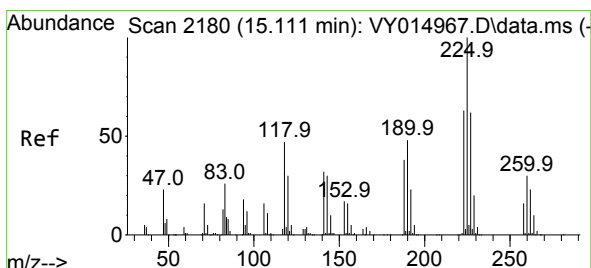
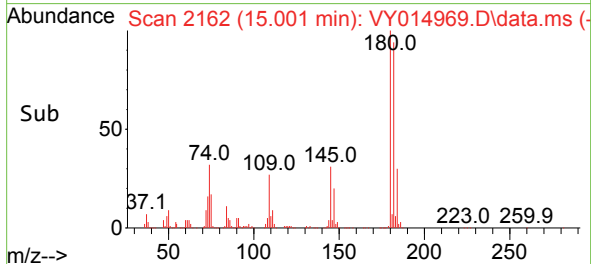
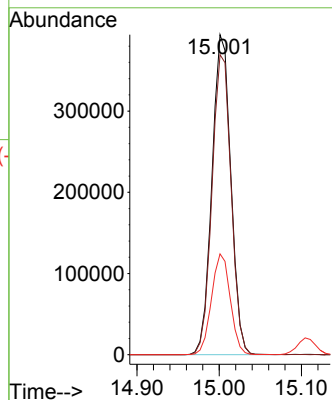
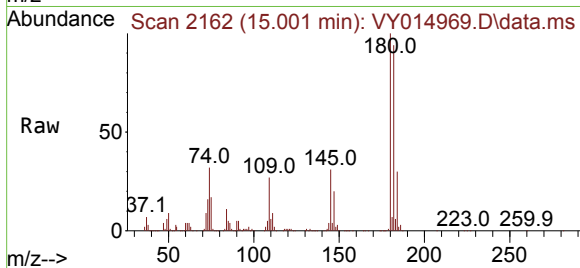
Tgt Ion:180 Resp: 629060

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.2

145 31.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 139.744 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.006 min

Lab File: VY014969.D

Acq: 07 Aug 2023 17:37

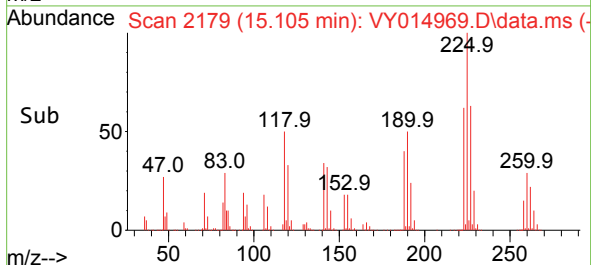
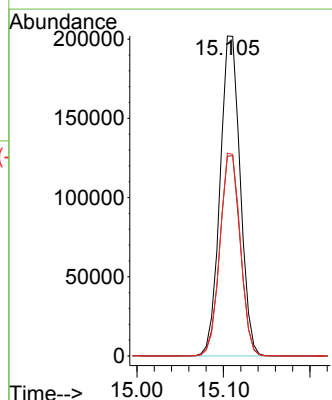
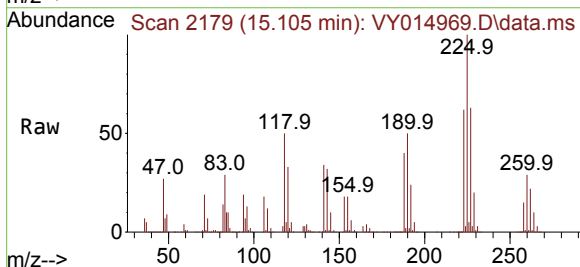
Tgt Ion:225 Resp: 326467

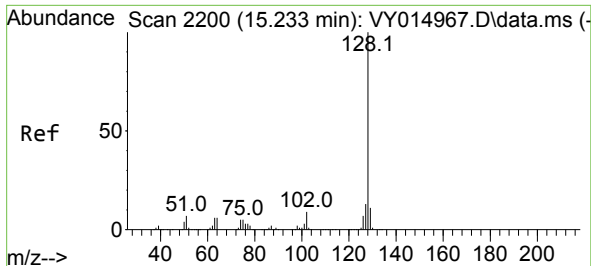
Ion Ratio Lower Upper

225 100

223 63.5 31.9 95.9

227 64.0 33.0 98.9

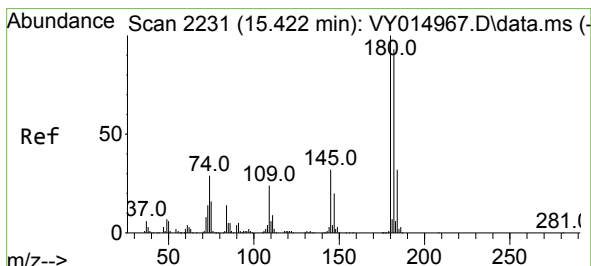
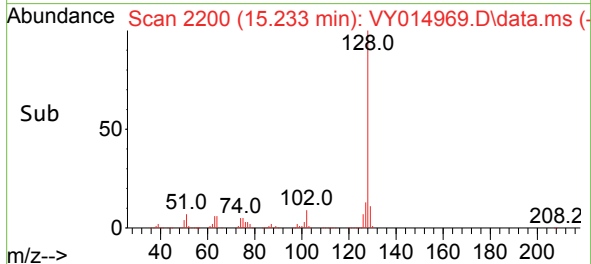
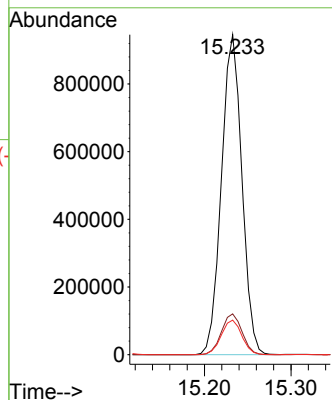
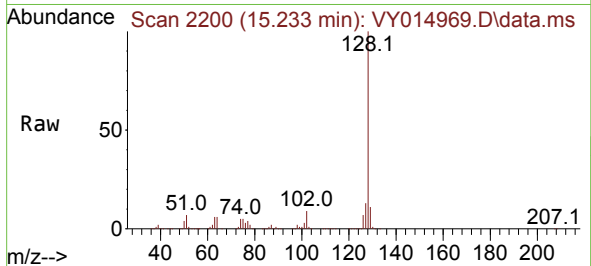




#95
Naphthalene
Concen: 153.094 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1551914
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 146.914 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY014969.D
Acq: 07 Aug 2023 17:37

Tgt Ion:180 Resp: 572910
Ion Ratio Lower Upper
180 100
182 94.8 47.3 141.8
145 32.8 15.4 46.2

