

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
 Data File : VY015001.D
 Acq On : 09 Aug 2023 13:32
 Operator : SY/MD
 Sample : VY0809SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0809SBS01

Quant Time: Aug 10 01:43:30 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	358553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	582734	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	526917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	263598	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	212414	48.878	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.760%
35) Dibromofluoromethane	7.710	113	186399	50.020	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.040%
50) Toluene-d8	10.179	98	674539	47.557	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.120%
62) 4-Bromofluorobenzene	12.477	95	249503	49.633	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.260%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	38813	17.315	ug/l	100
3) Chloromethane	2.107	50	50506	17.899	ug/l	96
4) Vinyl Chloride	2.247	62	58158	16.726	ug/l	94
5) Bromomethane	2.631	94	39349	14.664	ug/l	99
6) Chloroethane	2.777	64	40973	17.067	ug/l	97
7) Trichlorofluoromethane	3.113	101	97446	17.735	ug/l	99
8) Diethyl Ether	3.527	74	37092	18.294	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.887	101	57896	17.799	ug/l	95
10) Methyl Iodide	4.076	142	63017	18.739	ug/l	99
11) Tert butyl alcohol	4.942	59	100238	95.572	ug/l #	91
12) 1,1-Dichloroethene	3.863	96	49632	17.513	ug/l	97
13) Acrolein	3.722	56	50624	141.885	ug/l	98
14) Allyl chloride	4.466	41	86831	18.398	ug/l	98
15) Acrylonitrile	5.155	53	115851	93.527	ug/l	99
16) Acetone	3.948	43	141553	104.456	ug/l	97
17) Carbon Disulfide	4.186	76	99678	15.908	ug/l	99
18) Methyl Acetate	4.472	43	101331	20.533	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	202727	18.907	ug/l	98
20) Methylene Chloride	4.704	84	146525	19.458	ug/l	91
21) trans-1,2-Dichloroethene	5.204	96	57426	17.777	ug/l	98
22) Diisopropyl ether	6.112	45	205093	18.657	ug/l	94
23) Vinyl Acetate	6.057	43	564343	85.400	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	114062	18.293	ug/l	96
25) 2-Butanone	6.984	43	189661	97.714	ug/l	95
26) 2,2-Dichloropropane	6.972	77	111256	17.634	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	74695	18.271	ug/l	97
28) Bromochloromethane	7.325	49	54127	19.256	ug/l	91
29) Tetrahydrofuran	7.344	42	106107	93.221	ug/l	93
30) Chloroform	7.502	83	125308	18.500	ug/l	98
31) Cyclohexane	7.777	56	84612	16.466	ug/l #	88
32) 1,1,1-Trichloroethane	7.697	97	107816	18.062	ug/l	97
36) 1,1-Dichloropropene	7.911	75	80917	17.490	ug/l	99
37) Ethyl Acetate	7.069	43	69290	18.868	ug/l #	95
38) Carbon Tetrachloride	7.898	117	93238	17.927	ug/l	99
39) Methylcyclohexane	9.179	83	93579	17.009	ug/l	93
40) Benzene	8.155	78	244882	17.975	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	98760	55.339	ug/l #	28
42) 1,2-Dichloroethane	8.234	62	88812	18.728	ug/l	94
43) Isopropyl Acetate	8.270	43	130578	19.138	ug/l	97
44) Trichloroethene	8.935	130	72351	18.509	ug/l	95
45) 1,2-Dichloropropane	9.209	63	68033	18.791	ug/l	97
46) Dibromomethane	9.301	93	43681	18.728	ug/l	97
47) Bromodichloromethane	9.490	83	101233	18.848	ug/l	99
48) Methyl methacrylate	9.288	41	58159	19.428	ug/l	95
49) 1,4-Dioxane	9.301	88	15953	367.724	ug/l #	49
51) 4-Methyl-2-Pentanone	10.069	43	367909	95.687	ug/l	94
52) Toluene	10.240	92	158718	18.105	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	106309	19.007	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	113194	18.731	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	62564	18.456	ug/l	95
56) Ethyl methacrylate	10.508	69	92674	19.093	ug/l	92
57) 1,3-Dichloropropane	10.788	76	104075	18.557	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	222454	96.925	ug/l	93
59) 2-Hexanone	10.831	43	282781	99.560	ug/l	94
60) Dibromochloromethane	10.977	129	75632	18.738	ug/l	100
61) 1,2-Dibromoethane	11.087	107	61032	18.862	ug/l	100
64) Tetrachloroethene	10.715	164	82815	20.894	ug/l	98
65) Chlorobenzene	11.514	112	184208	18.424	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	73803	18.838	ug/l	99
67) Ethyl Benzene	11.587	91	317107	18.072	ug/l	97
68) m/p-Xylenes	11.697	106	245202	36.529	ug/l	97
69) o-Xylene	12.026	106	121160	18.446	ug/l	97
70) Styrene	12.038	104	206075	18.359	ug/l	98
71) Bromoform	12.203	173	51455	19.054	ug/l #	98
73) Isopropylbenzene	12.325	105	323973	18.283	ug/l	99
74) N-amyl acetate	12.142	43	106468	17.586	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	78491	18.126	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	105105	33.277	ug/l #	100
77) Bromobenzene	12.605	156	79880	18.585	ug/l	99
78) n-propylbenzene	12.666	91	381266	17.990	ug/l	99
79) 2-Chlorotoluene	12.751	91	221060	18.302	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	272945	18.692	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	26606	18.557	ug/l	99
82) 4-Chlorotoluene	12.849	91	230208	18.437	ug/l	99
83) tert-Butylbenzene	13.068	119	241654	18.091	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	285192	19.494	ug/l	100
85) sec-Butylbenzene	13.251	105	349739	17.839	ug/l	100
86) p-Isopropyltoluene	13.367	119	296259	18.256	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	155161	18.443	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	154814	18.452	ug/l	98
89) n-Butylbenzene	13.690	91	275353	18.059	ug/l	95
90) Hexachloroethane	13.958	117	57425	18.222	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	144233	18.576	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16026	18.955	ug/l	93
93) 1,2,4-Trichlorobenzene	15.001	180	93747	18.868	ug/l	98
94) Hexachlorobutadiene	15.111	225	51185	18.998	ug/l	97
95) Naphthalene	15.233	128	227540	19.463	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	85248	18.955	ug/l	98

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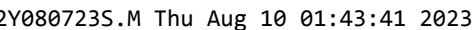
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

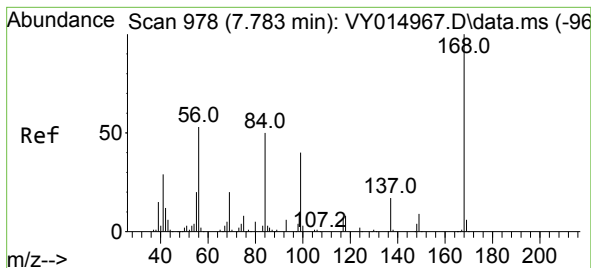
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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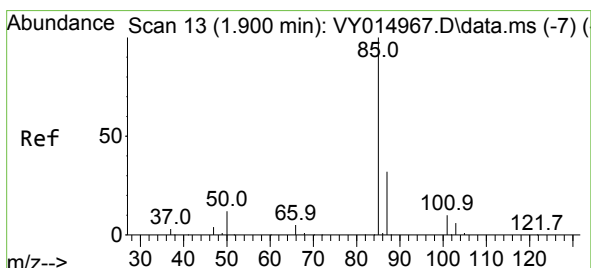
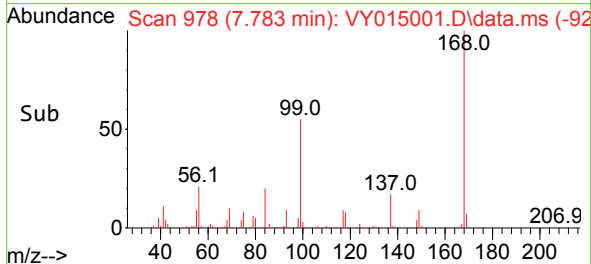
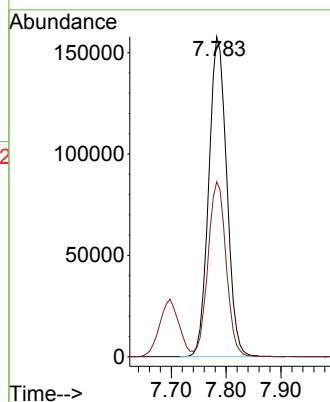
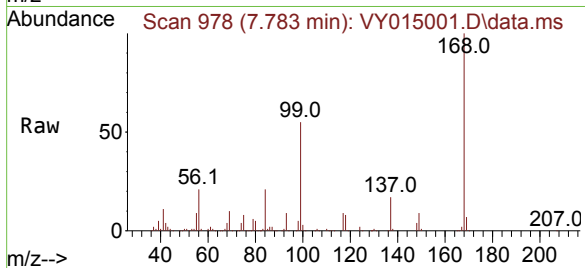




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015001.D
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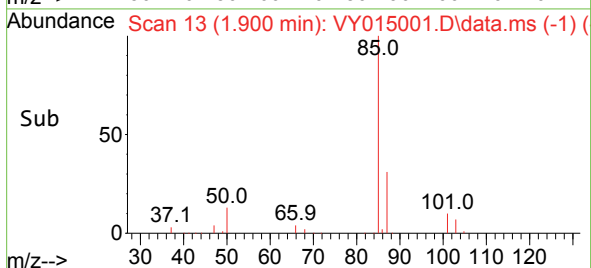
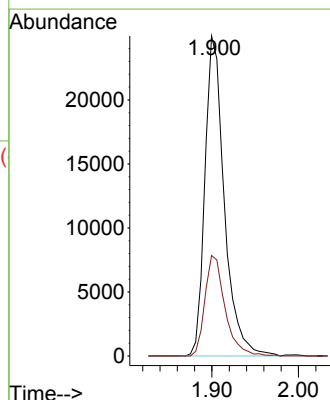
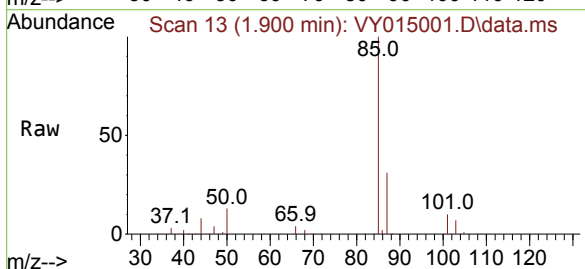
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

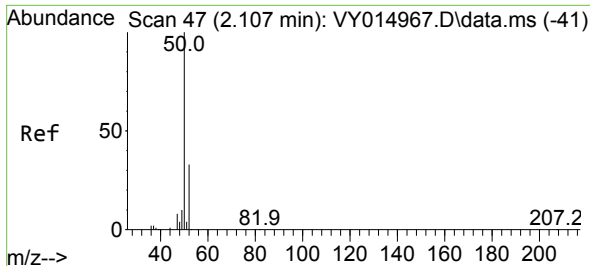
Tgt Ion:168 Resp: 358553
Ion Ratio Lower Upper
168 100
99 54.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 17.315 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

Tgt Ion: 85 Resp: 38813
Ion Ratio Lower Upper
85 100
87 31.4 15.6 46.8

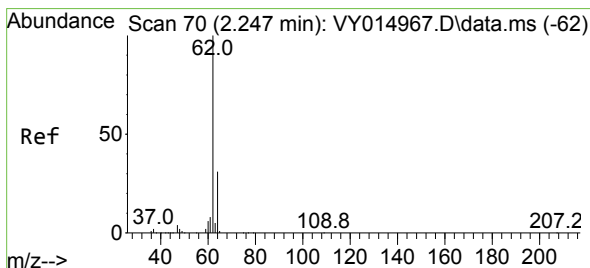
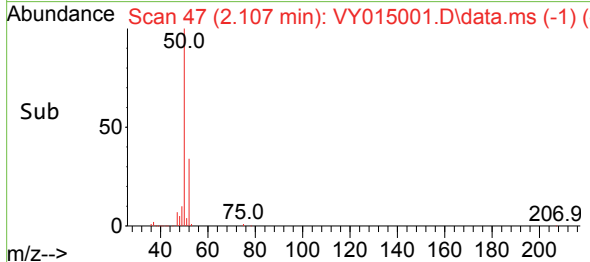
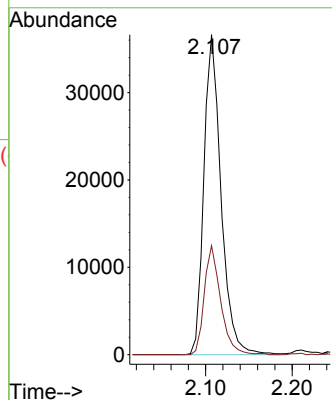
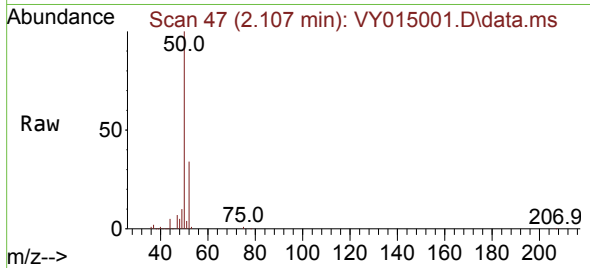




#3
Chloromethane
Concen: 17.899 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

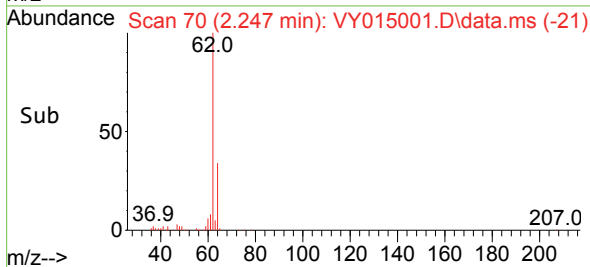
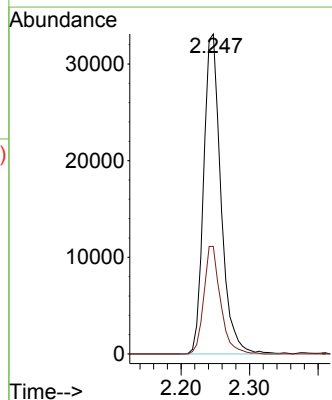
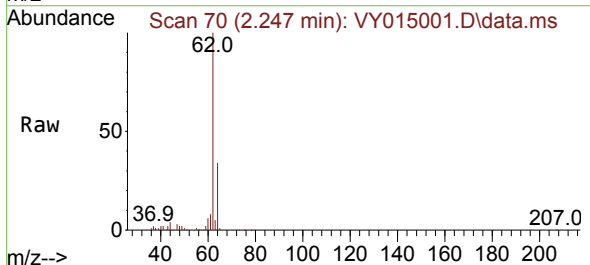
Instrument :
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ClientSampleId :
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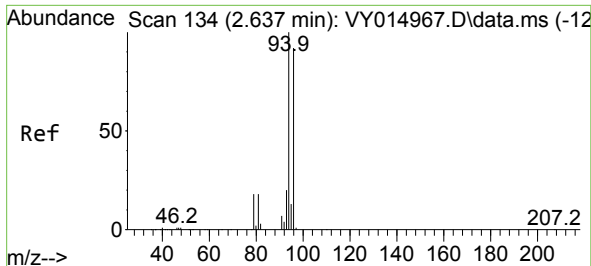
Tgt Ion: 50 Resp: 50506
Ion Ratio Lower Upper
50 100
52 34.0 25.4 38.2



#4
Vinyl Chloride
Concen: 16.726 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

Tgt Ion: 62 Resp: 58158
Ion Ratio Lower Upper
62 100
64 33.6 24.3 36.5

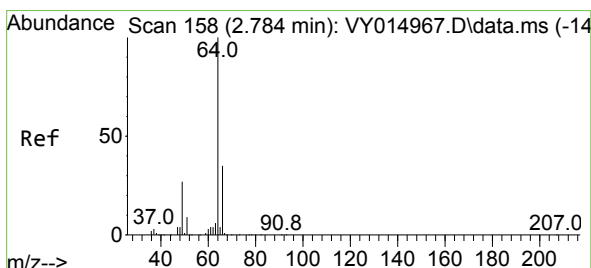
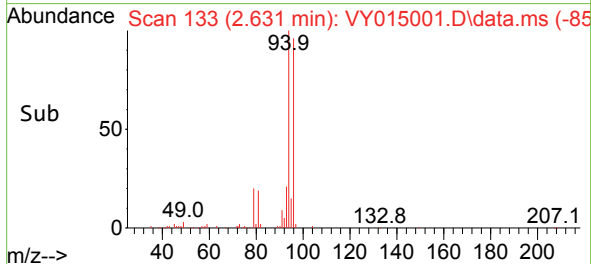
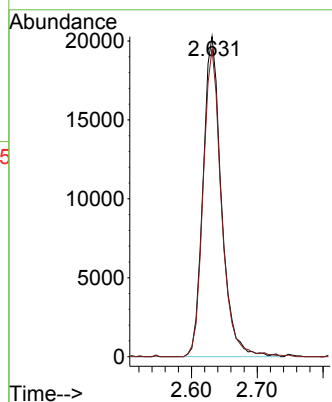
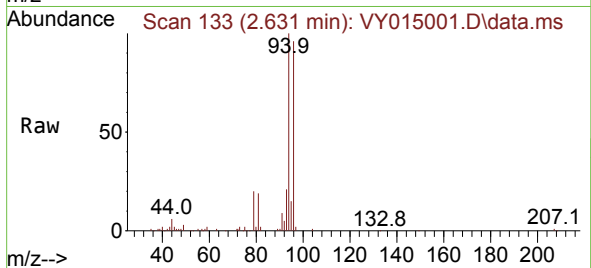




#5
Bromomethane
Concen: 14.664 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

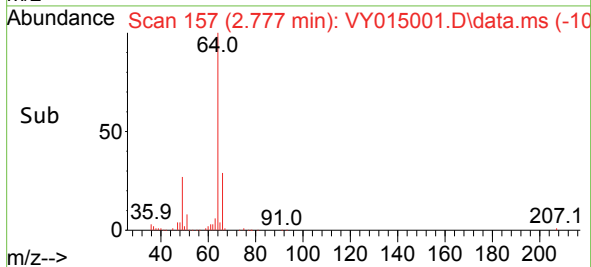
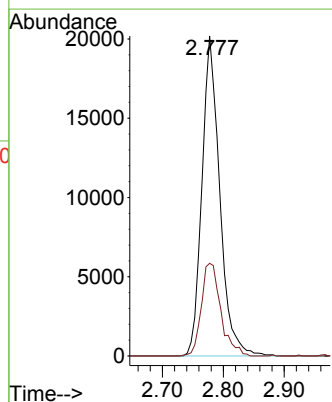
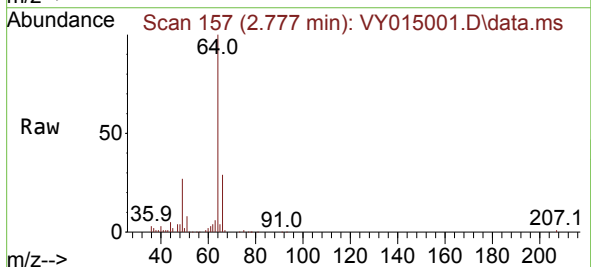
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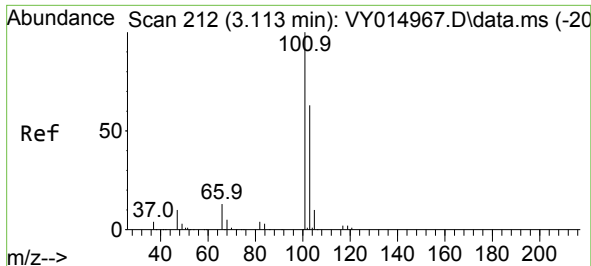
Tgt Ion: 94 Resp: 39349
Ion Ratio Lower Upper
94 100
96 96.1 75.8 113.6



#6
Chloroethane
Concen: 17.067 ug/l
RT: 2.777 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

Tgt Ion: 64 Resp: 40973
Ion Ratio Lower Upper
64 100
66 28.9 24.4 36.6

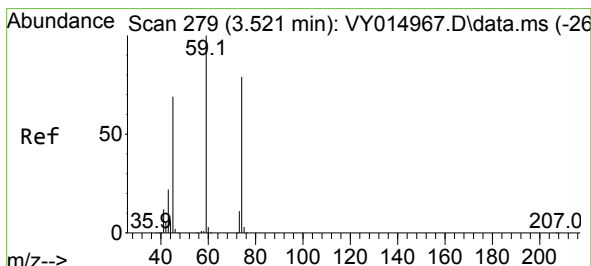
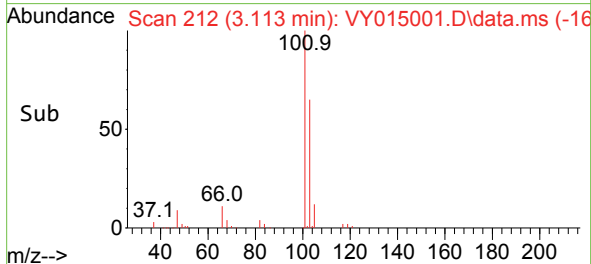
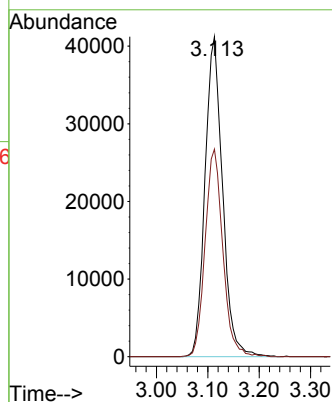
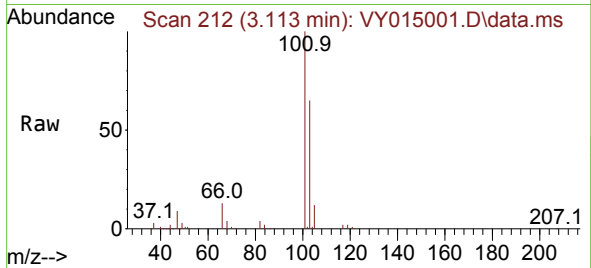




#7
Trichlorofluoromethane
Concen: 17.735 ug/l
RT: 3.113 min Scan# 212
Delta R.T. -0.000 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

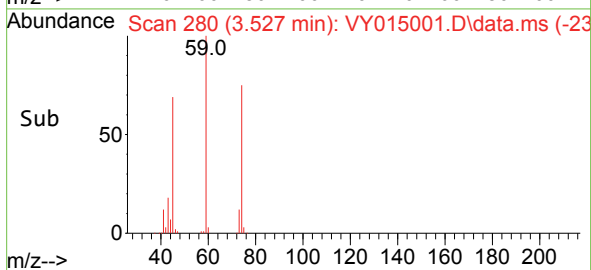
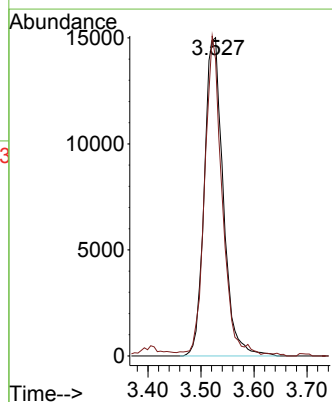
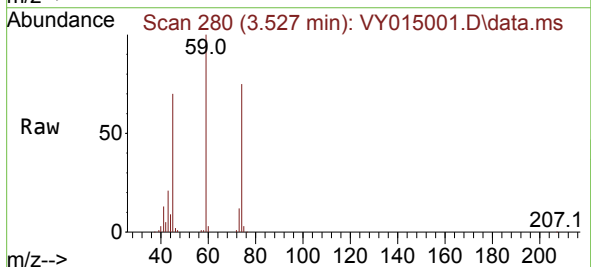
Instrument :
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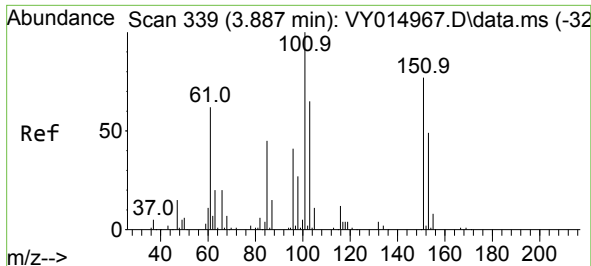
Tgt Ion:101 Resp: 97446
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0



#8
Diethyl Ether
Concen: 18.294 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.006 min
Lab File: VY015001.D
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Tgt Ion: 74 Resp: 37092
Ion Ratio Lower Upper
74 100
45 90.7 51.5 154.5

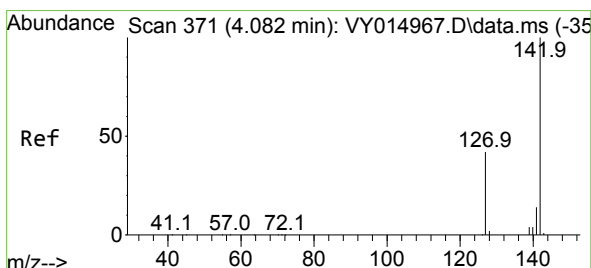
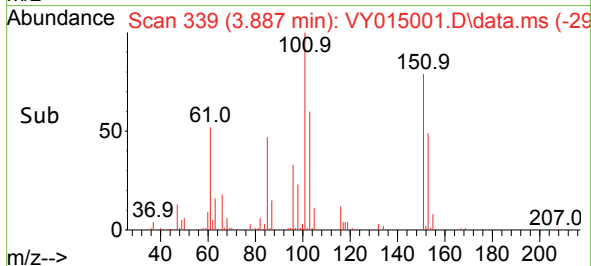
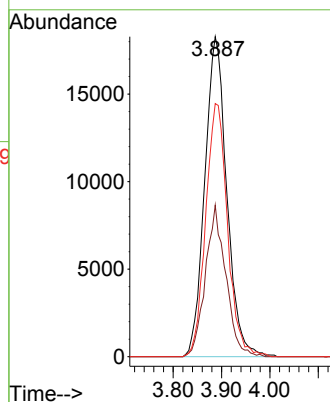
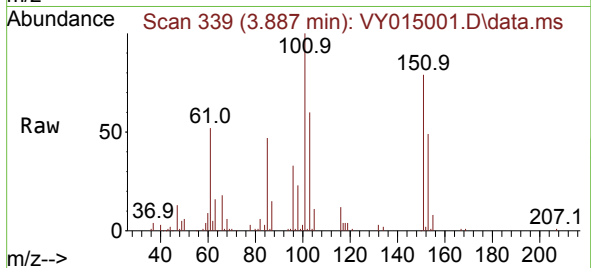




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.799 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

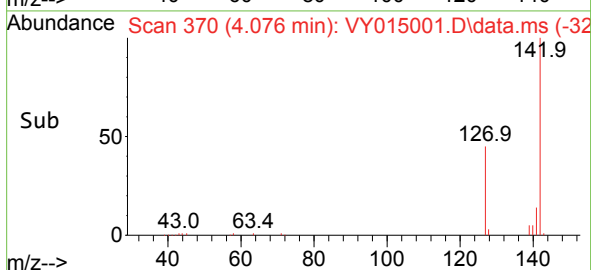
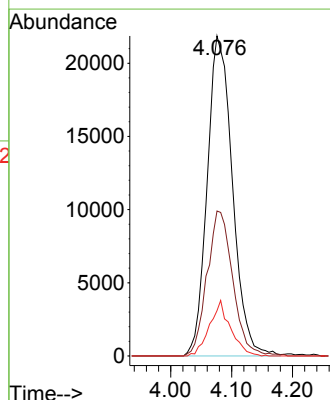
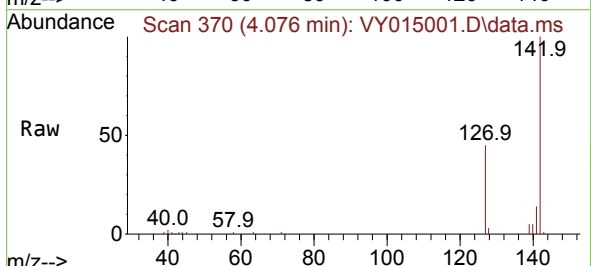
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

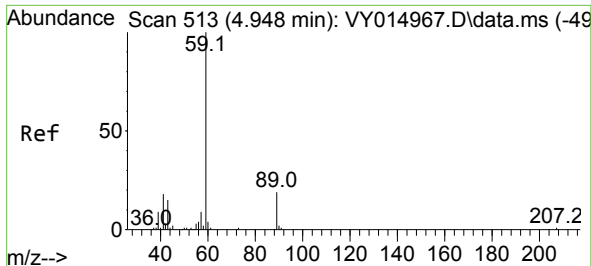
Tgt Ion:101 Resp: 57896
Ion Ratio Lower Upper
101 100
85 43.8 36.6 55.0
151 78.4 67.0 100.6



#10
Methyl Iodide
Concen: 18.739 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

Tgt Ion:142 Resp: 63017
Ion Ratio Lower Upper
142 100
127 46.1 37.6 56.4
141 14.5 11.8 17.8

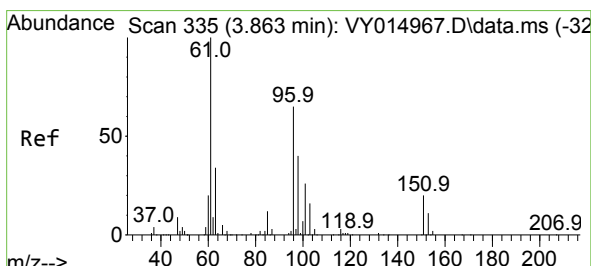
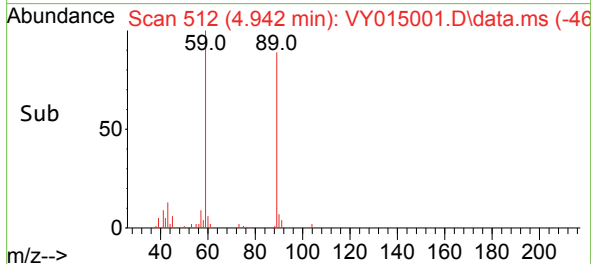
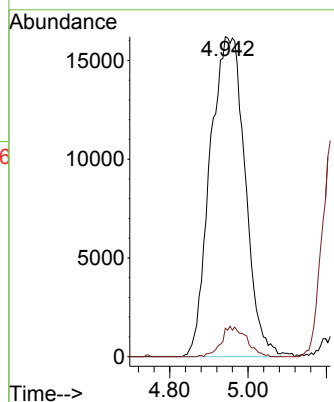
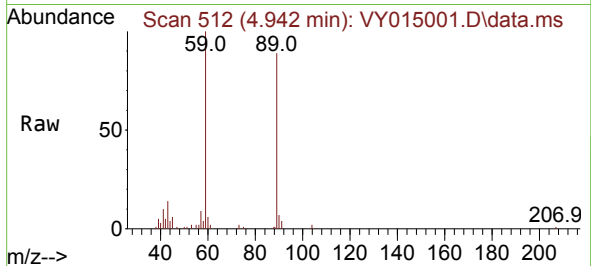




#11
Tert butyl alcohol
Concen: 95.572 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

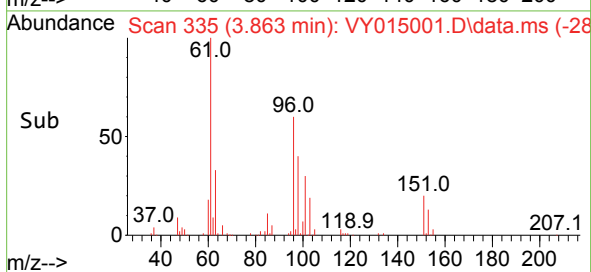
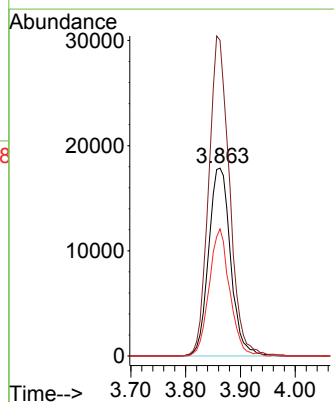
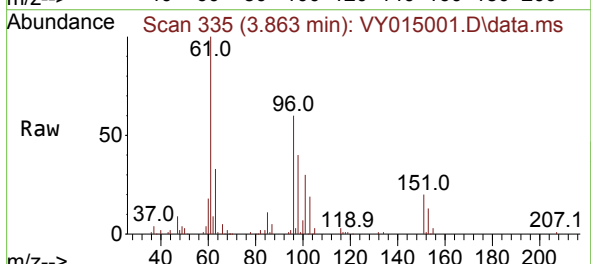
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

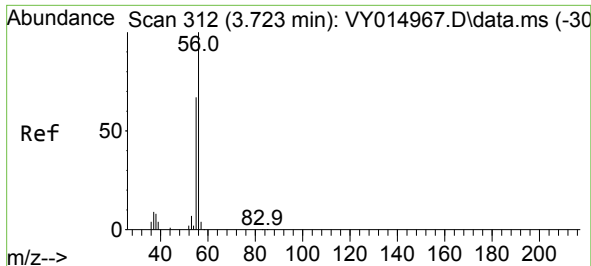
Tgt Ion: 59 Resp: 100238
Ion Ratio Lower Upper
59 100
57 6.8 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 17.513 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

Tgt Ion: 96 Resp: 49632
Ion Ratio Lower Upper
96 100
61 168.0 136.4 204.6
98 67.6 49.4 74.2





#13

Acrolein

Concen: 141.885 ug/l

RT: 3.722 min Scan# 312

Delta R.T. -0.000 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

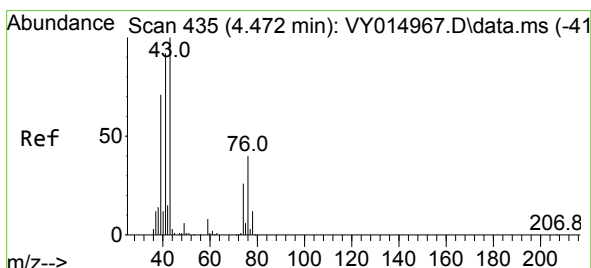
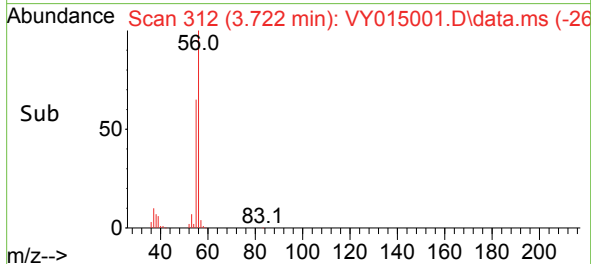
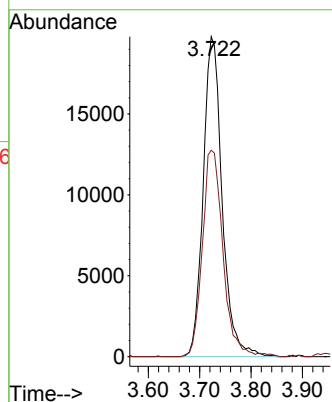
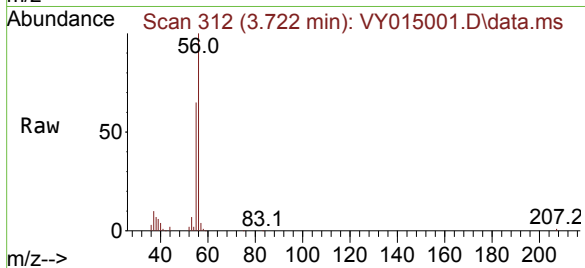
VY0809SBS01

Tgt Ion: 56 Resp: 50624

Ion Ratio Lower Upper

56 100

55 69.6 57.0 85.4



#14

Allyl chloride

Concen: 18.398 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.006 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

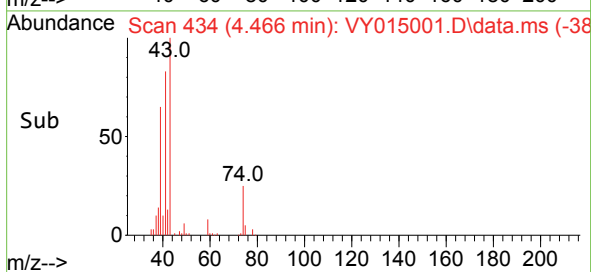
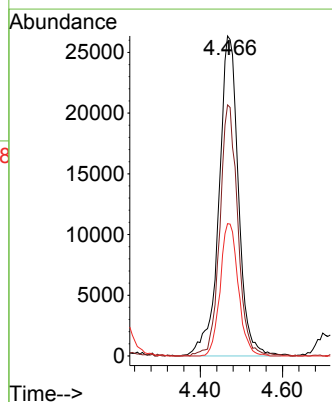
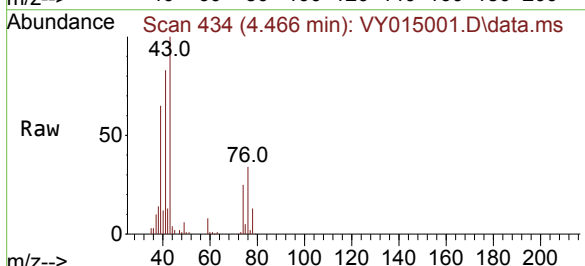
Tgt Ion: 41 Resp: 86831

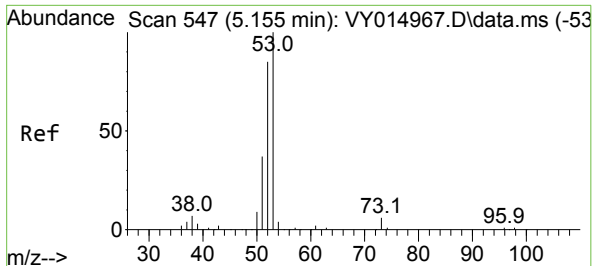
Ion Ratio Lower Upper

41 100

39 72.4 58.0 87.0

76 38.4 27.4 41.2

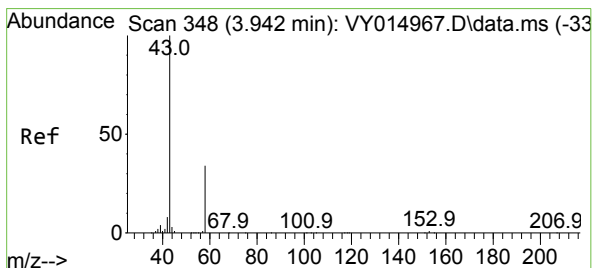
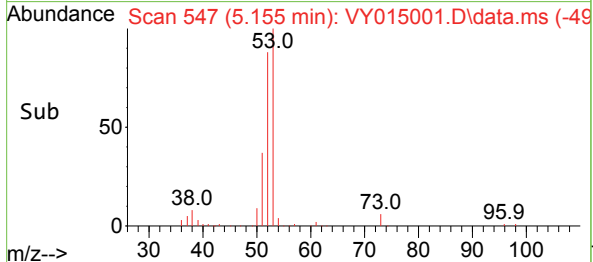
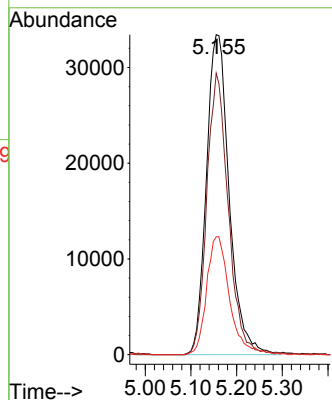
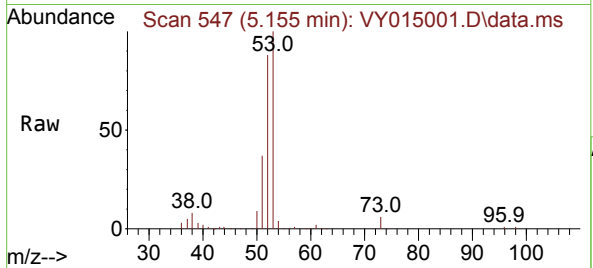




#15
Acrylonitrile
Concen: 93.527 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

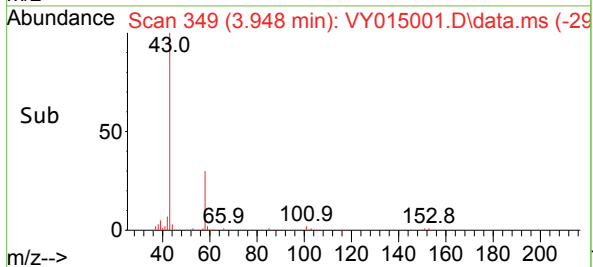
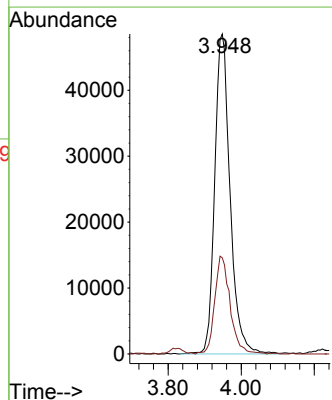
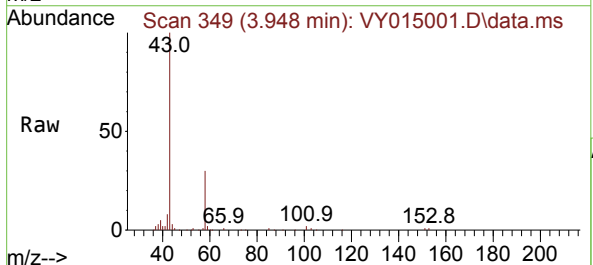
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

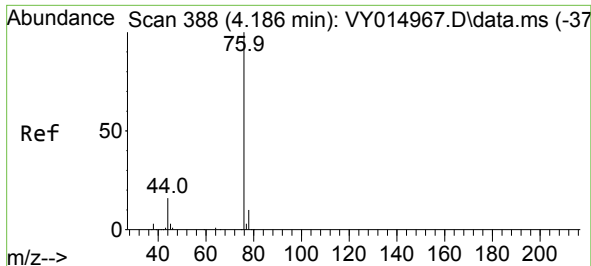
Tgt Ion: 53 Resp: 115851
Ion Ratio Lower Upper
53 100
52 83.1 66.9 100.3
51 37.0 29.8 44.6



#16
Acetone
Concen: 104.456 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

Tgt Ion: 43 Resp: 141553
Ion Ratio Lower Upper
43 100
58 30.1 22.7 34.1

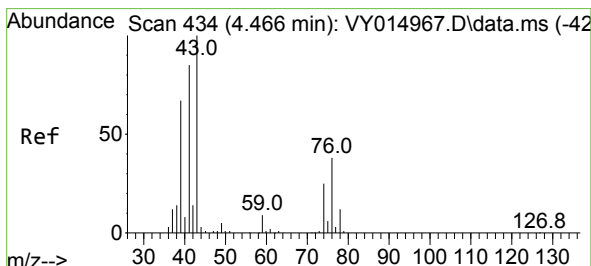
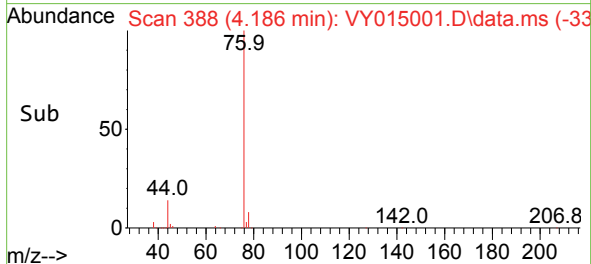
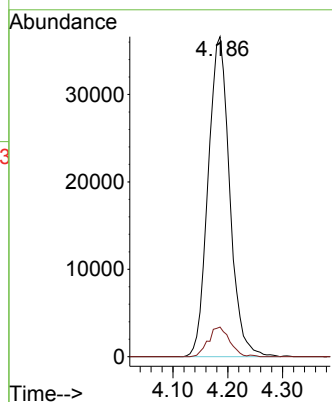
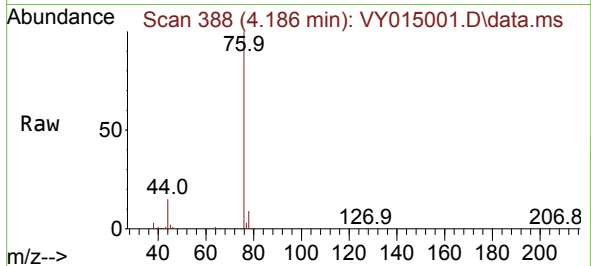




#17
Carbon Disulfide
Concen: 15.908 ug/l
RT: 4.186 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

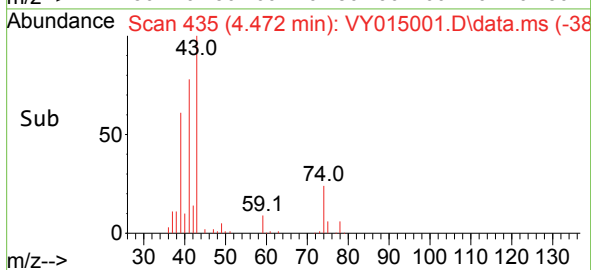
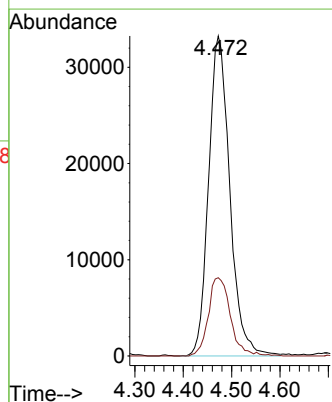
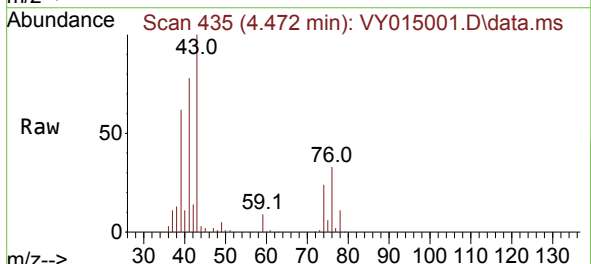
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

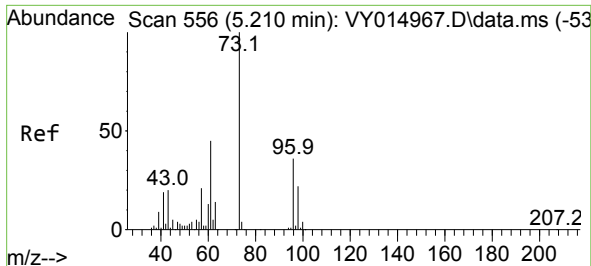
Tgt Ion: 76 Resp: 99678
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 20.533 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

Tgt Ion: 43 Resp: 101331
Ion Ratio Lower Upper
43 100
74 25.5 17.4 26.0

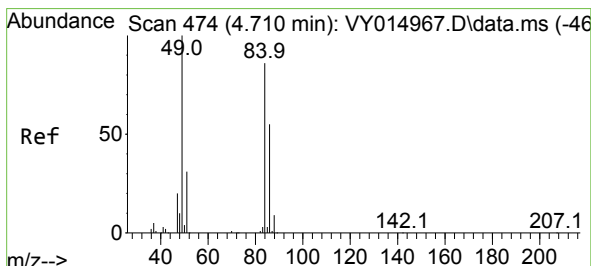
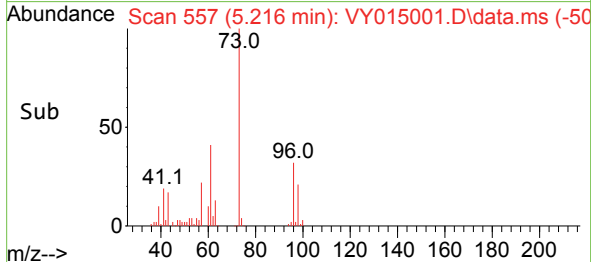
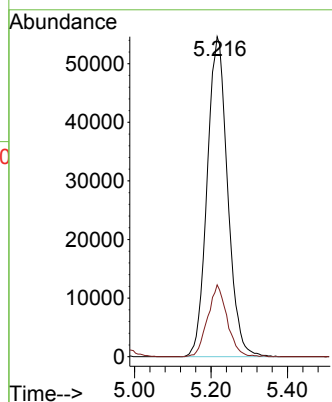
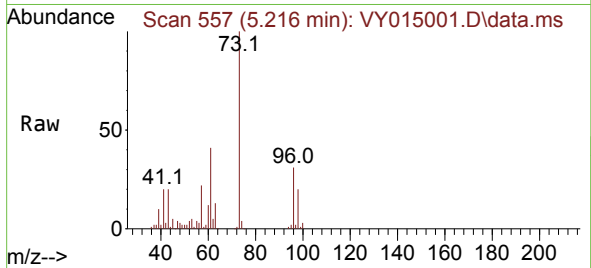




#19
Methyl tert-butyl Ether
Concen: 18.907 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

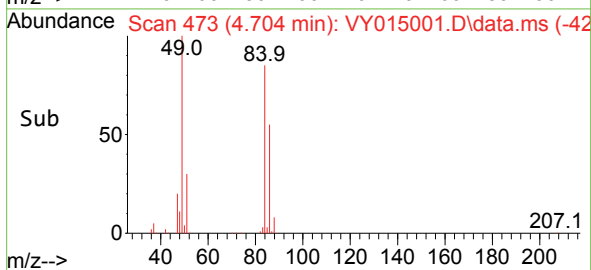
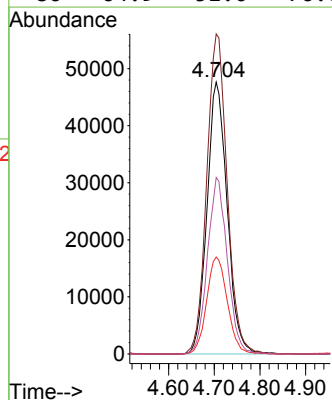
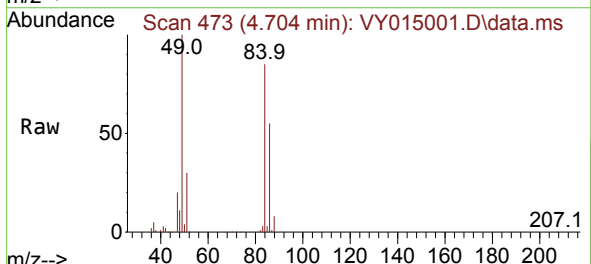
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

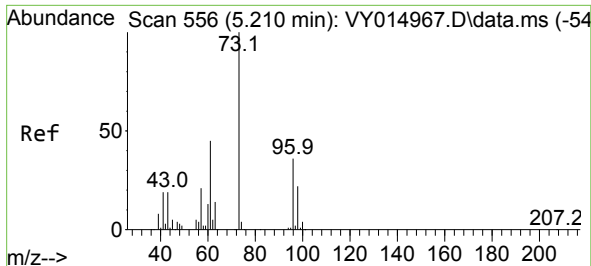
Tgt Ion: 73 Resp: 202727
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9



#20
Methylene Chloride
Concen: 19.458 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

Tgt Ion: 84 Resp: 146525
Ion Ratio Lower Upper
84 100
49 117.7 106.9 160.3
51 35.7 33.2 49.8
86 64.9 51.0 76.6

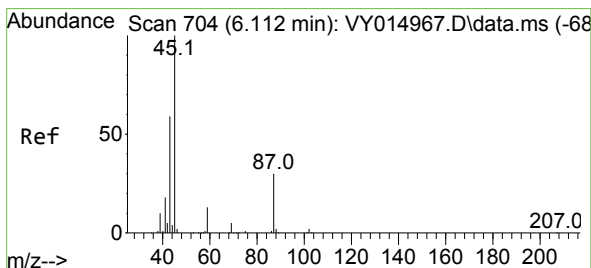
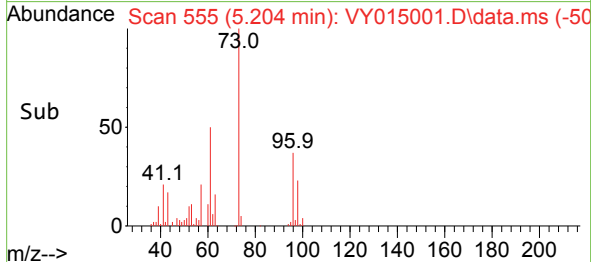
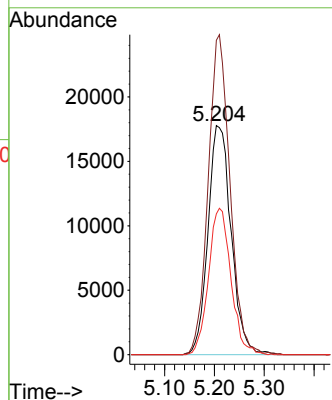
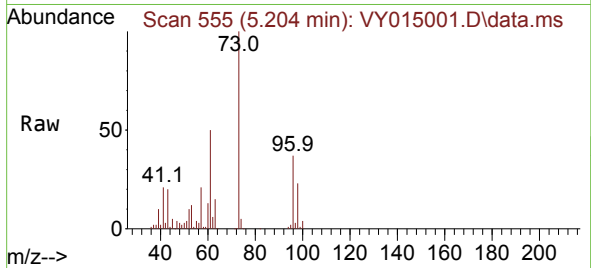




#21
trans-1,2-Dichloroethene
Concen: 17.777 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

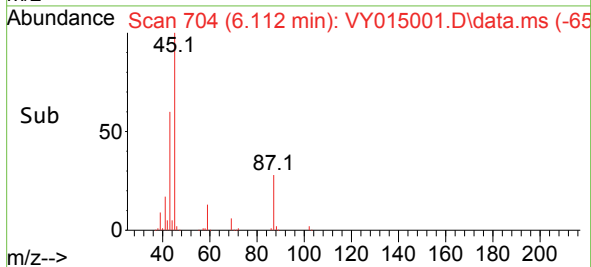
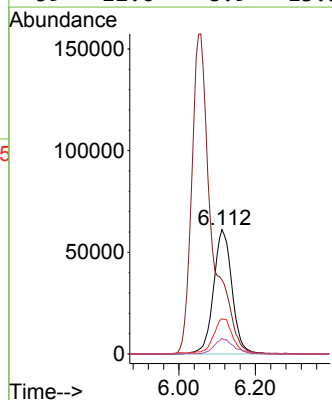
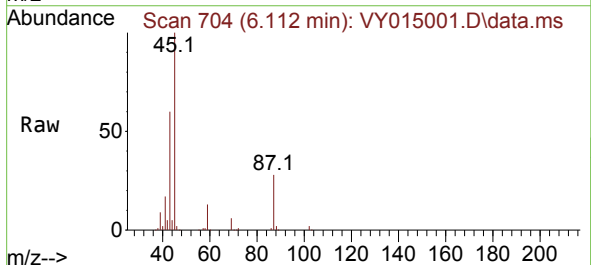
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

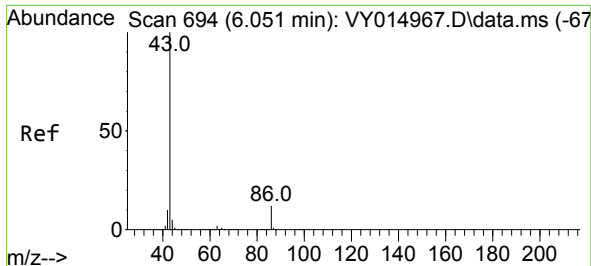
Tgt Ion: 96 Resp: 57426
Ion Ratio Lower Upper
96 100
61 137.2 110.2 165.4
98 61.5 51.8 77.6



#22
Diisopropyl ether
Concen: 18.657 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

Tgt Ion: 45 Resp: 205093
Ion Ratio Lower Upper
45 100
43 59.3 52.2 78.4
87 28.4 21.0 31.6
59 12.6 8.9 13.3

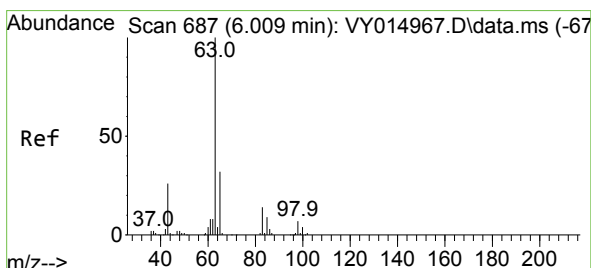
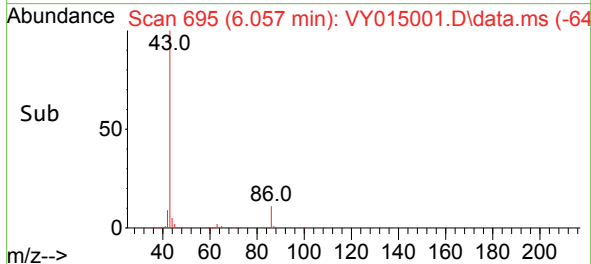
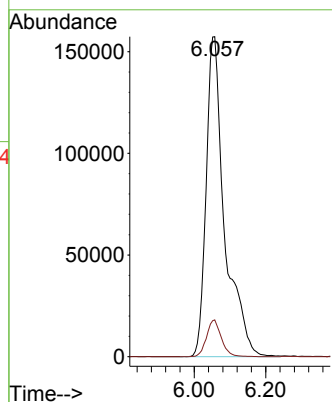
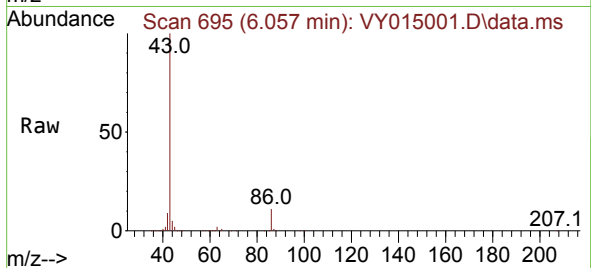




#23
 Vinyl Acetate
 Concen: 85.400 ug/l
 RT: 6.057 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY015001.D
 Acq: 09 Aug 2023 13:32

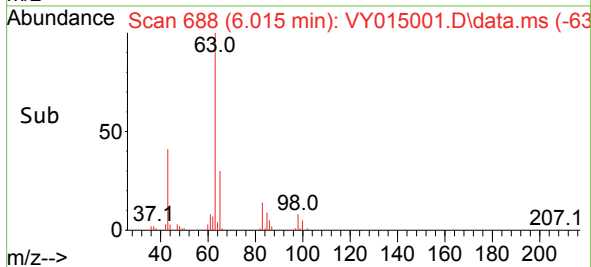
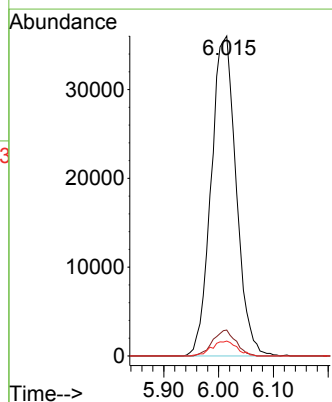
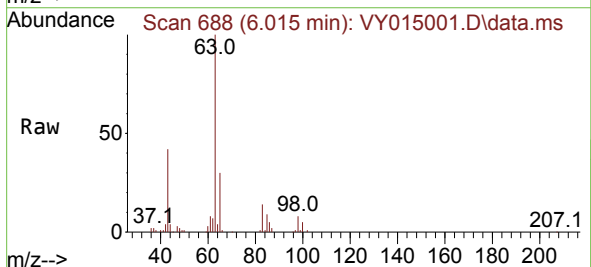
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0809SBS01

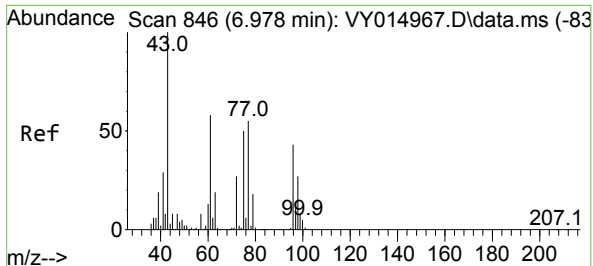
Tgt Ion: 43 Resp: 564343
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 18.293 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY015001.D
 Acq: 09 Aug 2023 13:32

Tgt Ion: 63 Resp: 114062
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.1 9.4
 100 4.7 1.8 5.5

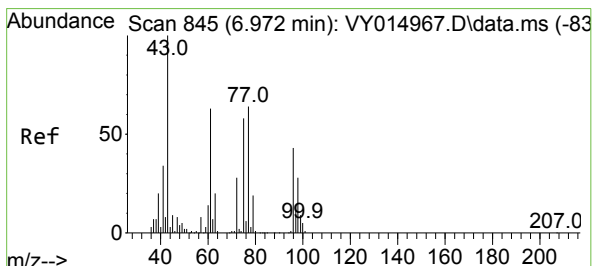
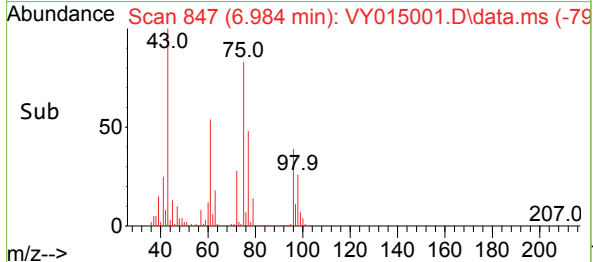
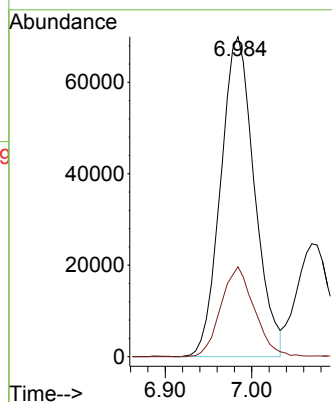
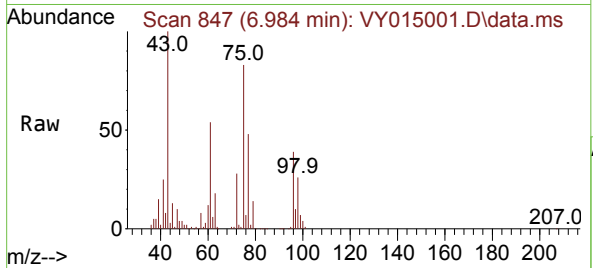




#25
2-Butanone
Concen: 97.714 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

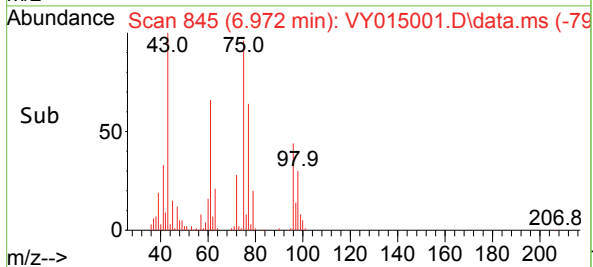
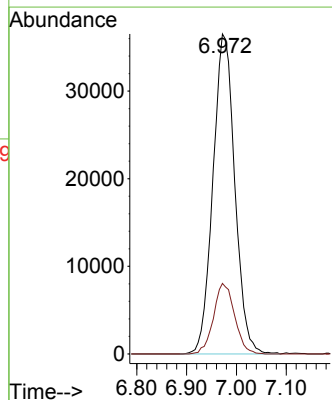
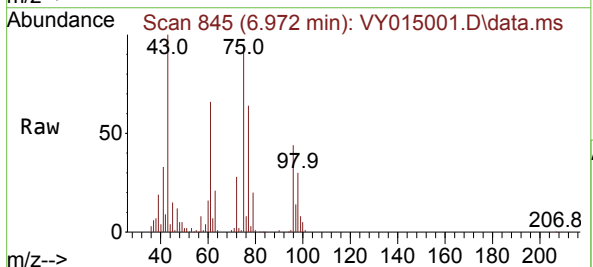
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

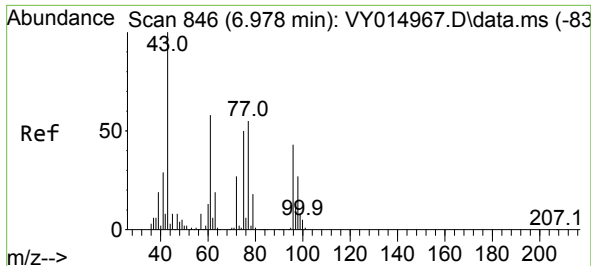
Tgt Ion: 43 Resp: 189661
Ion Ratio Lower Upper
43 100
72 28.1 20.5 30.7



#26
2,2-Dichloropropane
Concen: 17.634 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

Tgt Ion: 77 Resp: 111256
Ion Ratio Lower Upper
77 100
97 21.3 10.9 32.9

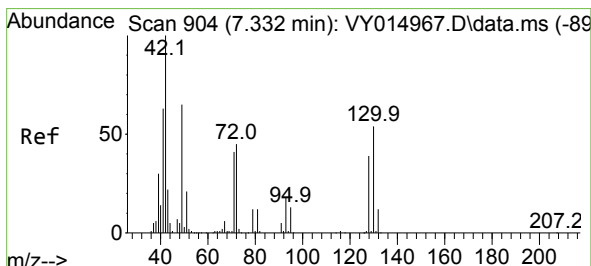
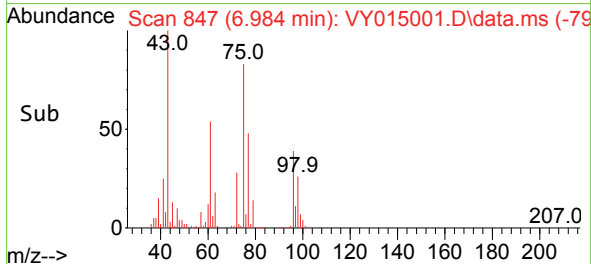
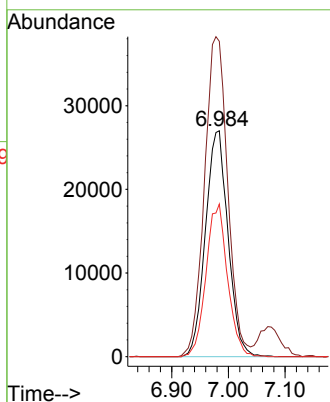
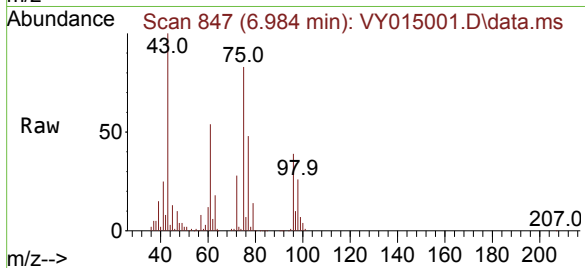




#27
 cis-1,2-Dichloroethene
 Concen: 18.271 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY015001.D
 Acq: 09 Aug 2023 13:32

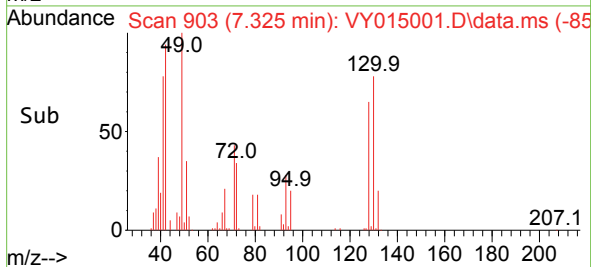
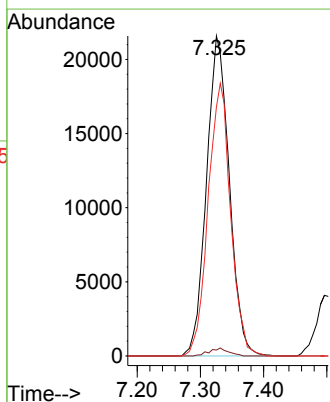
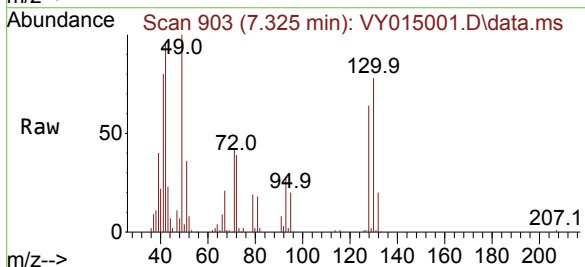
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0809SBS01

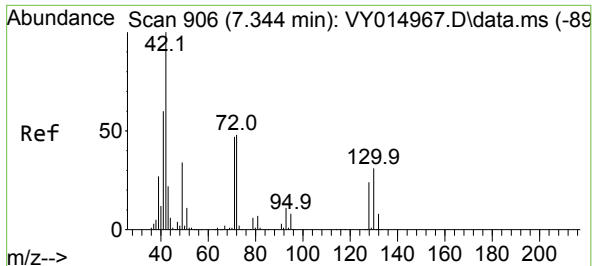
Tgt Ion: 96 Resp: 74695
 Ion Ratio Lower Upper
 96 100
 61 145.4 0.0 301.4
 98 64.4 0.0 130.4



#28
 Bromochloromethane
 Concen: 19.256 ug/l
 RT: 7.325 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY015001.D
 Acq: 09 Aug 2023 13:32

Tgt Ion: 49 Resp: 54127
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 83.8 60.7 91.1





#29

Tetrahydrofuran

Concen: 93.221 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0809SBS01

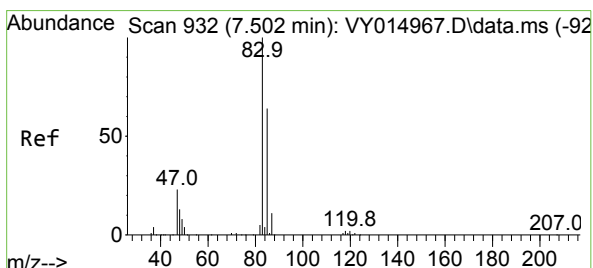
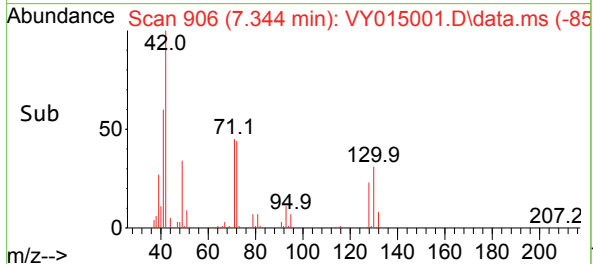
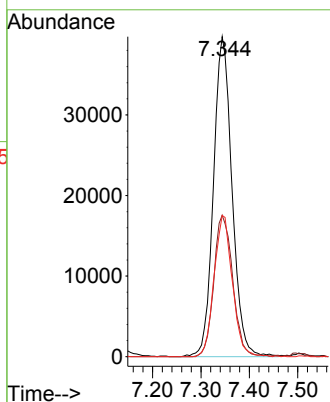
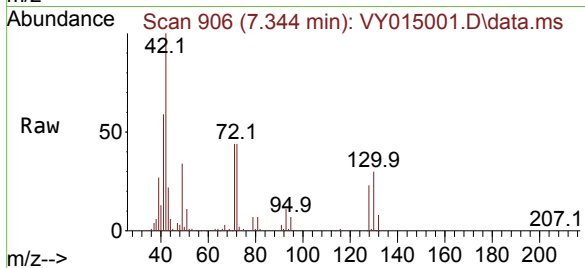
Tgt Ion: 42 Resp: 106107

Ion Ratio Lower Upper

42 100

72 44.9 32.8 49.2

71 43.4 31.0 46.4



#30

Chloroform

Concen: 18.500 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY015001.D

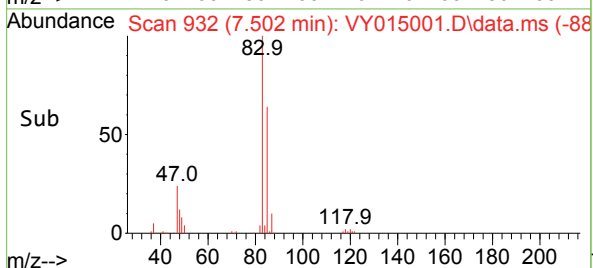
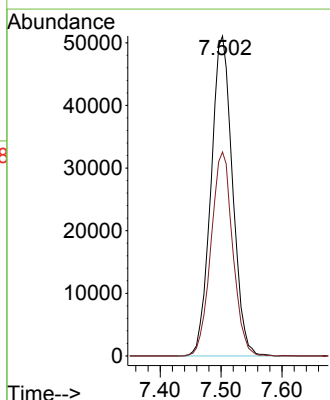
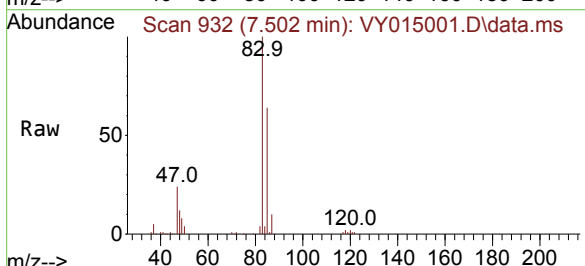
Acq: 09 Aug 2023 13:32

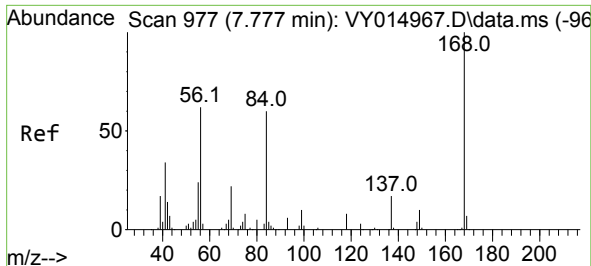
Tgt Ion: 83 Resp: 125308

Ion Ratio Lower Upper

83 100

85 63.7 49.7 74.5

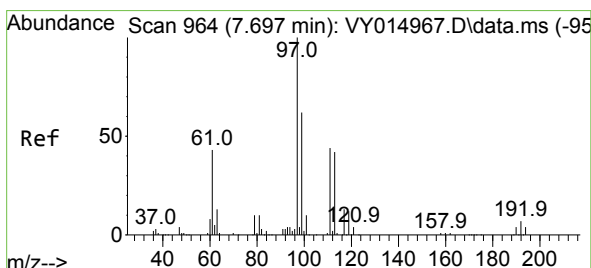
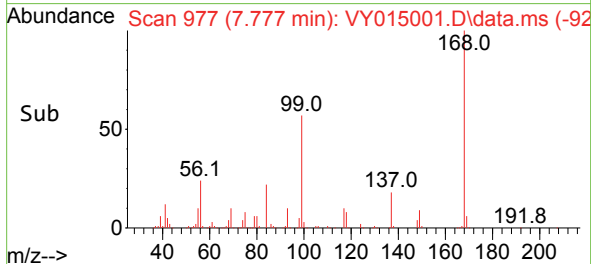
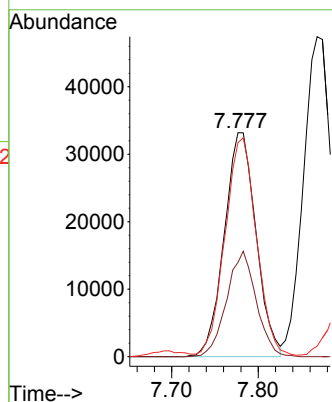
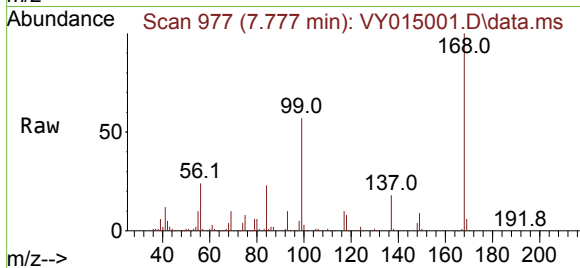




#31
Cyclohexane
Concen: 16.466 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

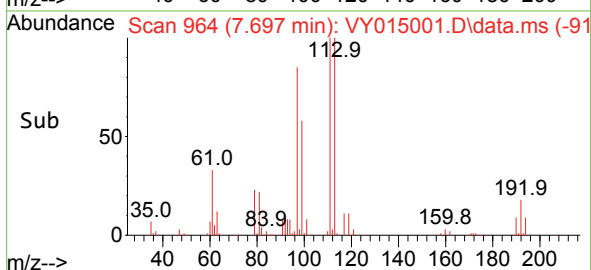
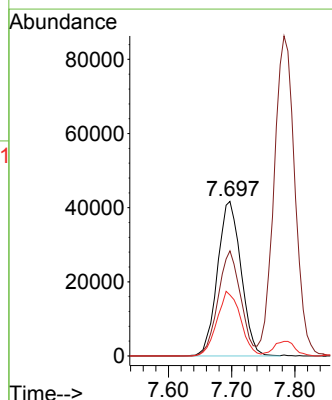
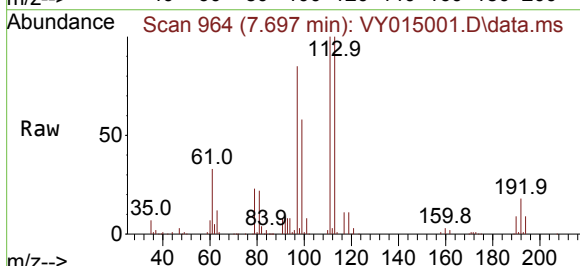
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

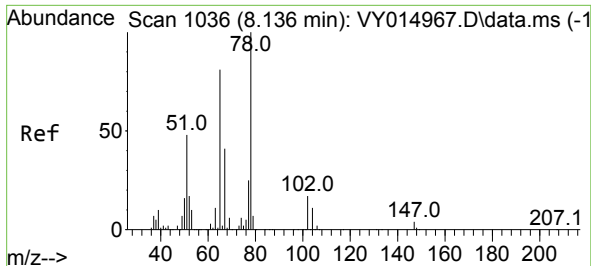
Tgt Ion: 56 Resp: 84612
Ion Ratio Lower Upper
56 100
69 42.1 27.8 41.6#
84 93.6 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 18.062 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

Tgt Ion: 97 Resp: 107816
Ion Ratio Lower Upper
97 100
99 65.6 50.8 76.2
61 41.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 48.878 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

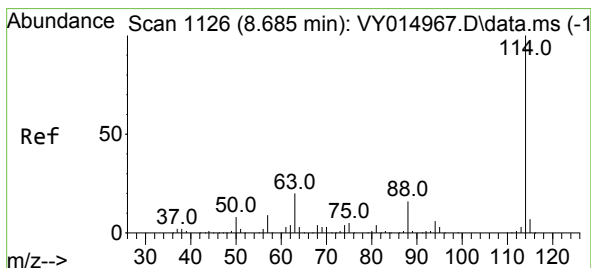
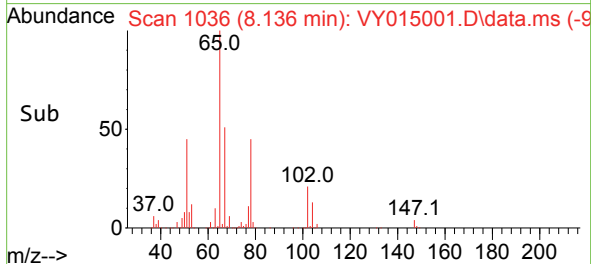
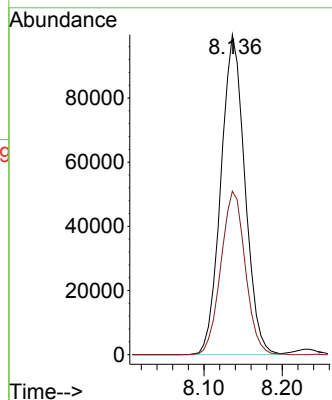
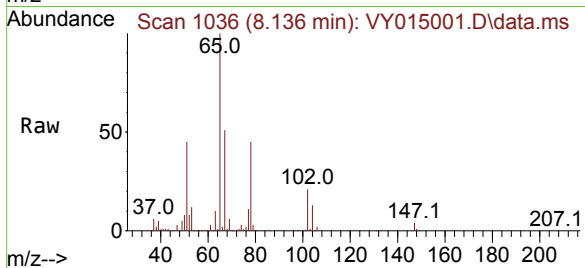
VY0809SBS01

Tgt Ion: 65 Resp: 212414

Ion Ratio Lower Upper

65 100

67 51.9 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: VY015001.D

Acq: 09 Aug 2023 13:32

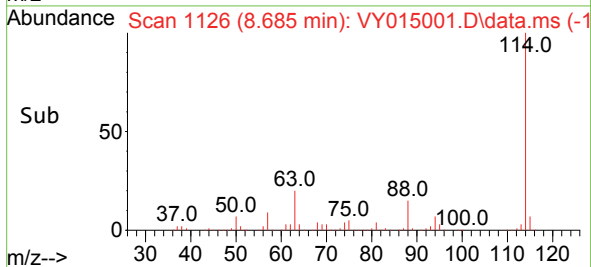
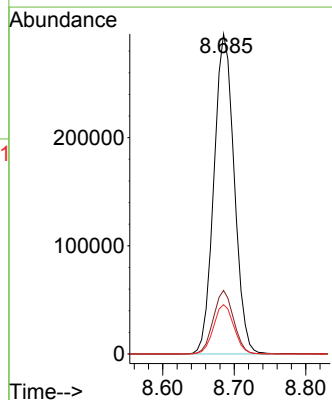
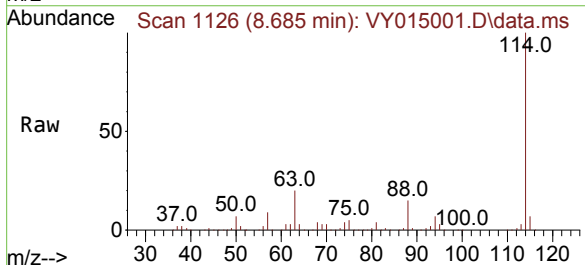
Tgt Ion: 114 Resp: 582734

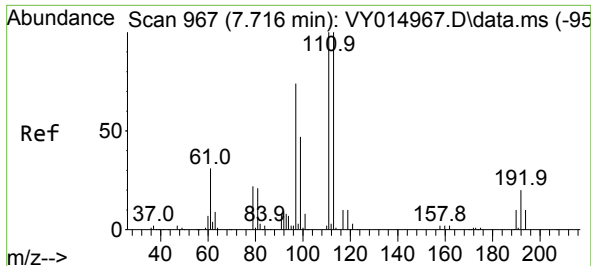
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.4 0.0 30.6

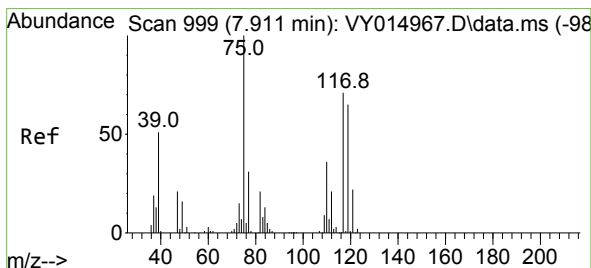
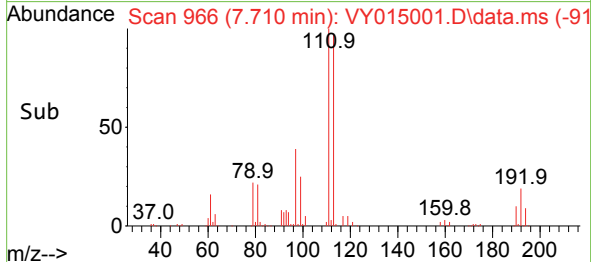
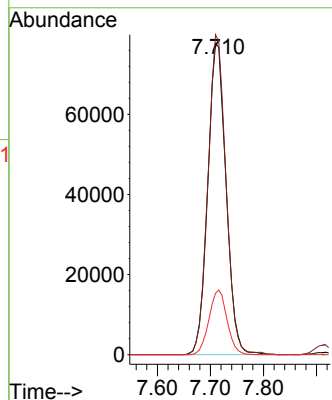
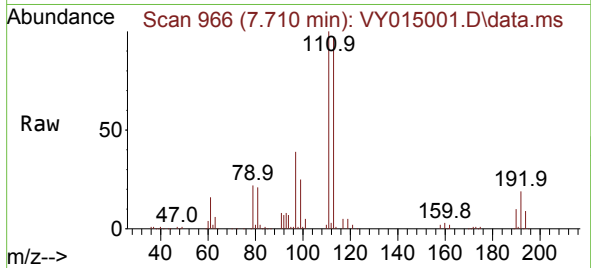




#35
Dibromofluoromethane
Concen: 50.020 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

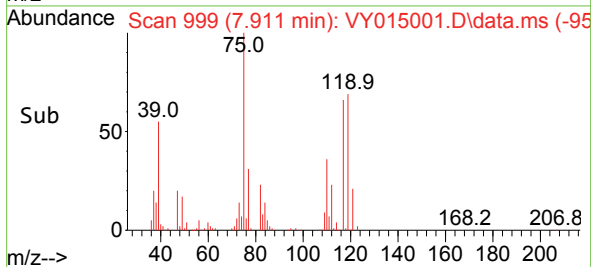
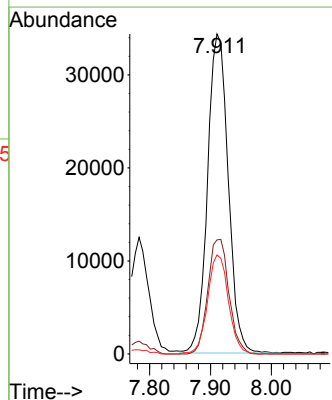
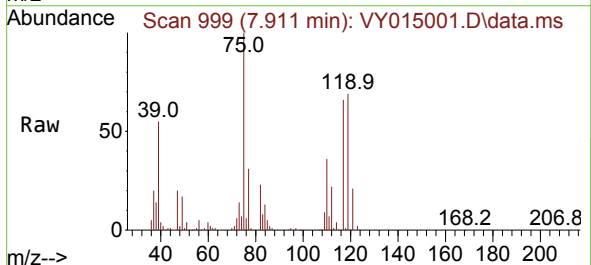
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

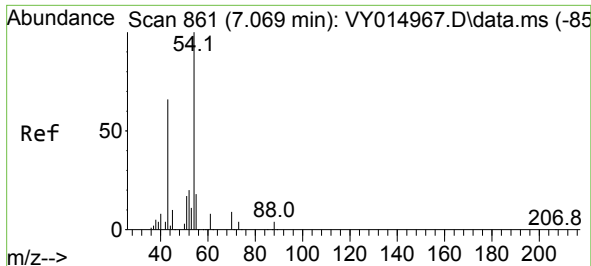
Tgt Ion:113 Resp: 186399
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 20.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 17.490 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

Tgt Ion: 75 Resp: 80917
Ion Ratio Lower Upper
75 100
110 36.6 17.8 53.5
77 31.2 24.4 36.6





#37

Ethyl Acetate

Concen: 18.868 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0809SBS01

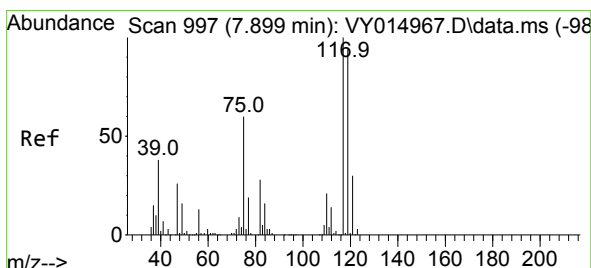
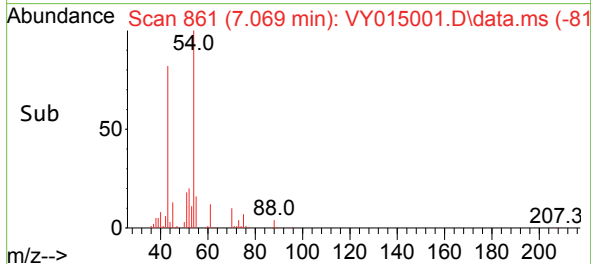
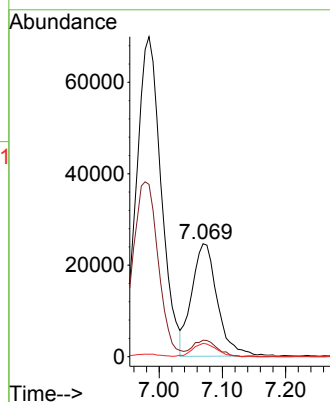
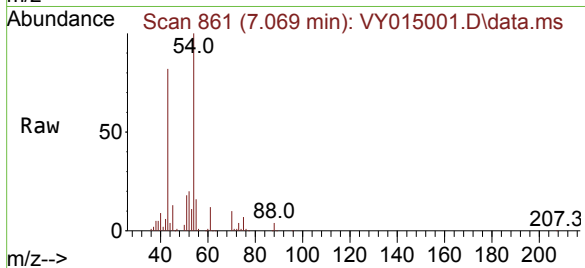
Tgt Ion: 43 Resp: 69290

Ion Ratio Lower Upper

43 100

61 14.1 10.1 15.1

70 11.2 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 17.927 ug/l

RT: 7.898 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

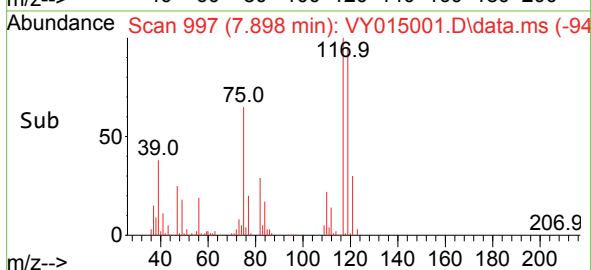
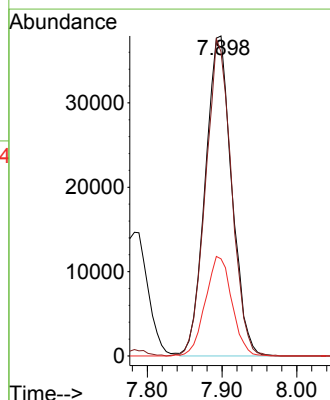
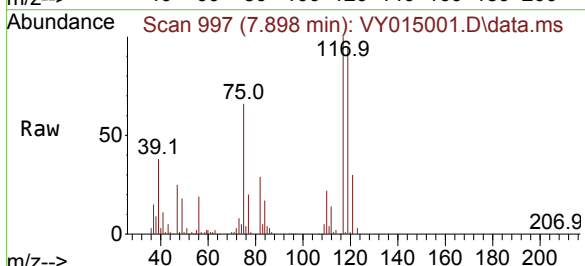
Tgt Ion: 117 Resp: 93238

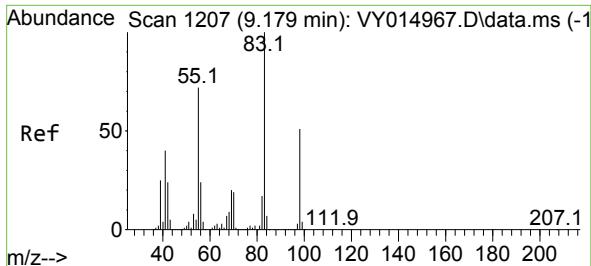
Ion Ratio Lower Upper

117 100

119 95.0 76.4 114.6

121 30.4 25.8 38.6





#39

Methylcyclohexane

Concen: 17.009 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0809SBS01

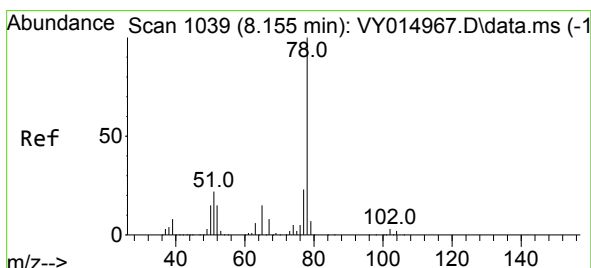
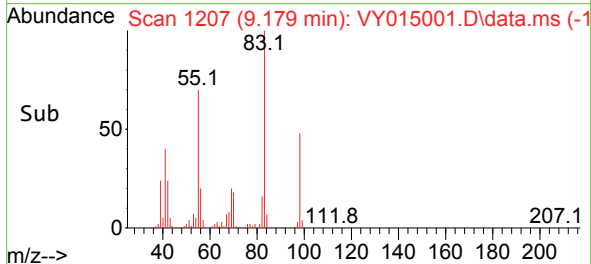
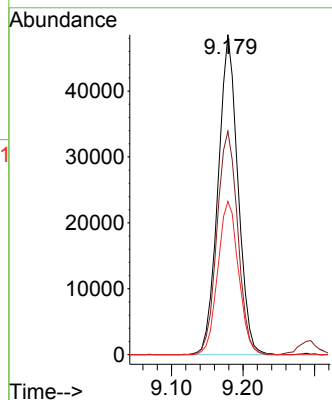
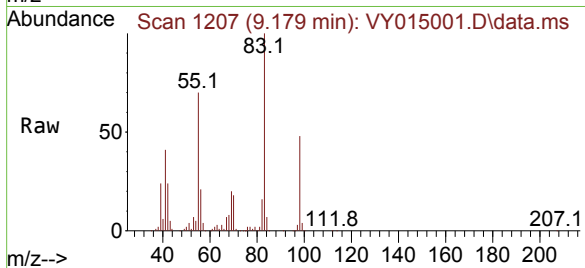
Tgt Ion: 83 Resp: 93579

Ion Ratio Lower Upper

83 100

55 69.8 63.0 94.4

98 47.9 37.4 56.2



#40

Benzene

Concen: 17.975 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY015001.D

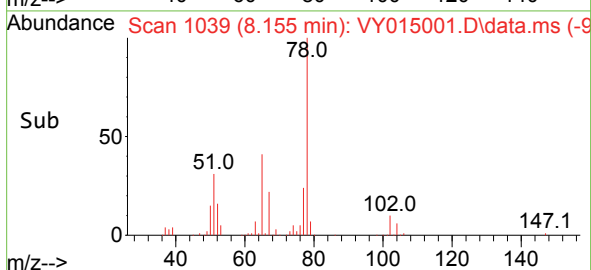
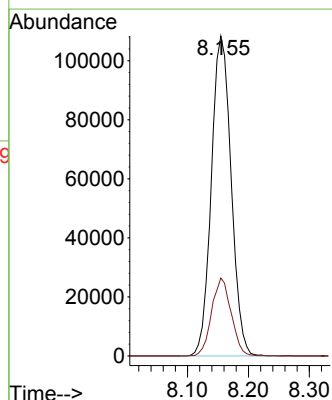
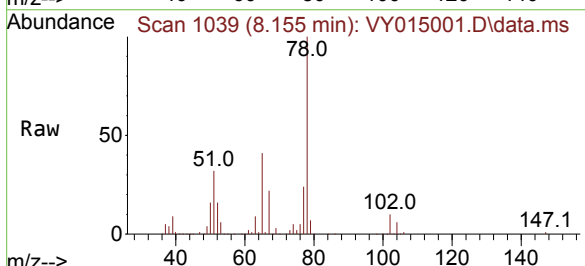
Acq: 09 Aug 2023 13:32

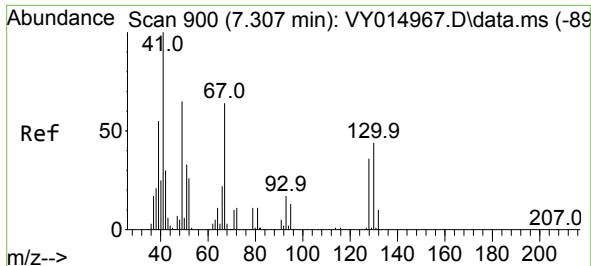
Tgt Ion: 78 Resp: 244882

Ion Ratio Lower Upper

78 100

77 24.4 19.0 28.6

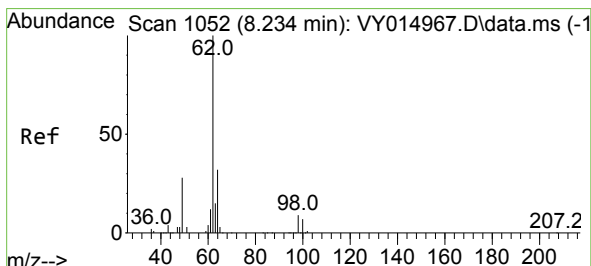
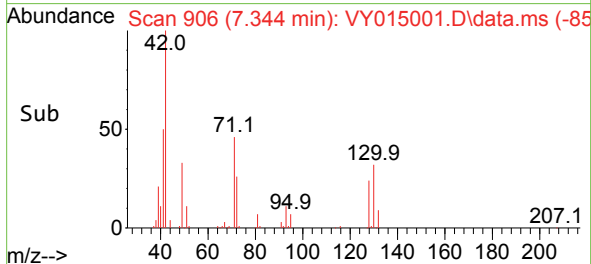
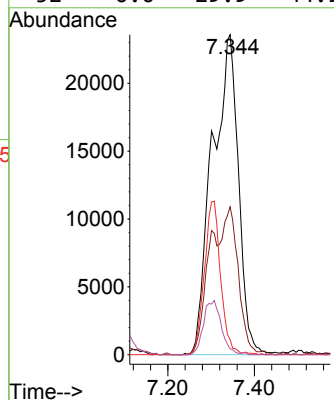
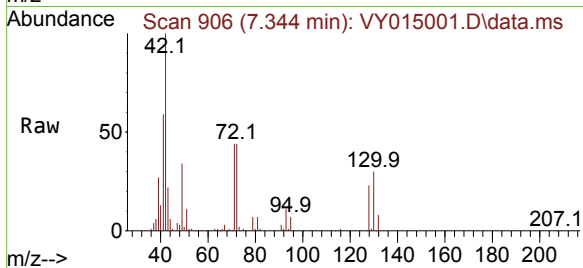




#41
Methacrylonitrile
Concen: 55.339 ug/l
RT: 7.344 min Scan# 900
Delta R.T. 0.037 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

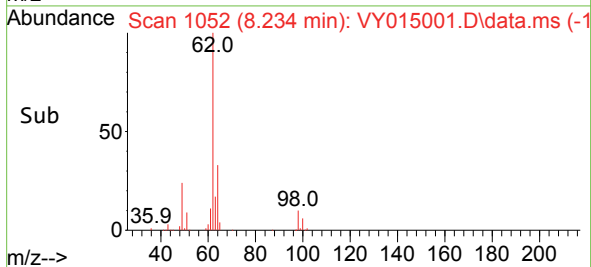
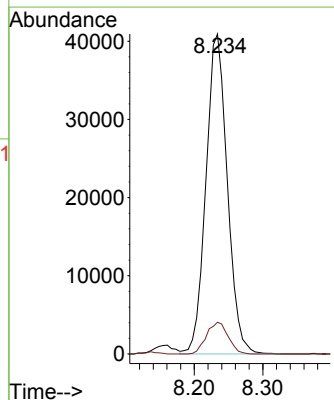
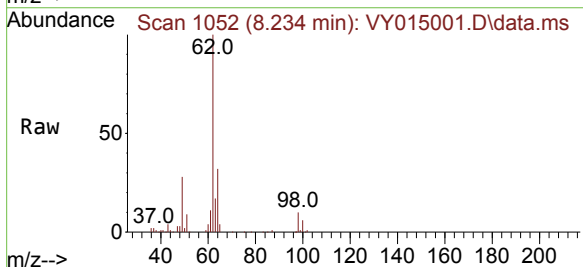
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

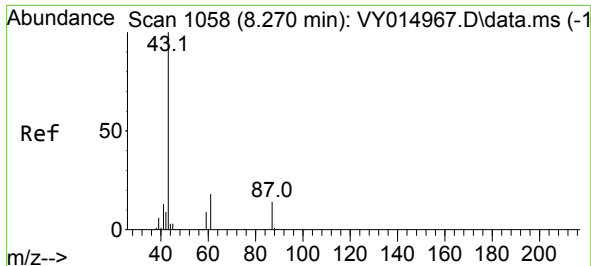
Tgt Ion: 41 Resp: 98760
Ion Ratio Lower Upper
41 100
39 25.1 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 18.728 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

Tgt Ion: 62 Resp: 88812
Ion Ratio Lower Upper
62 100
98 10.0 0.0 15.8

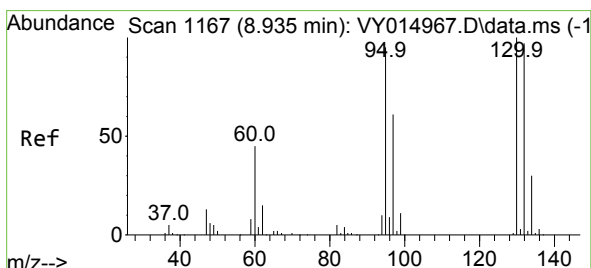
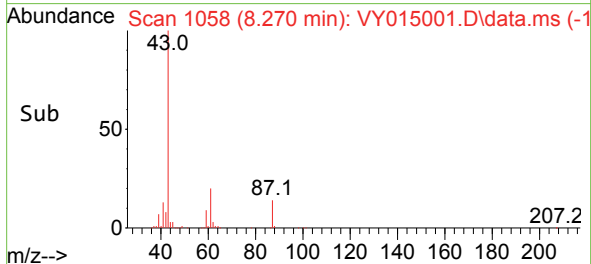
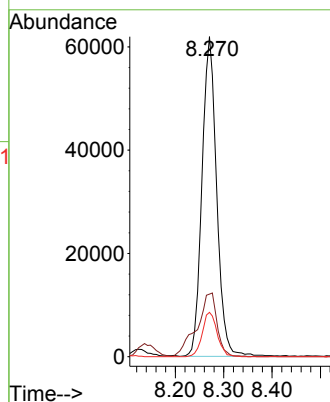
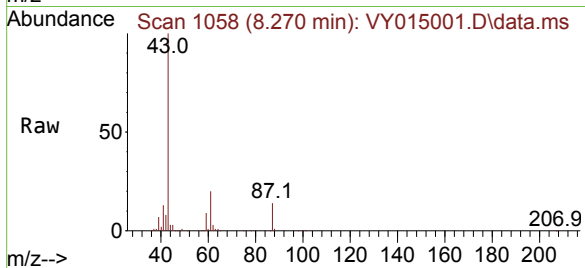




#43
Isopropyl Acetate
Concen: 19.138 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

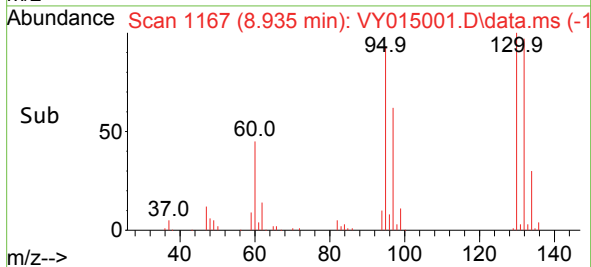
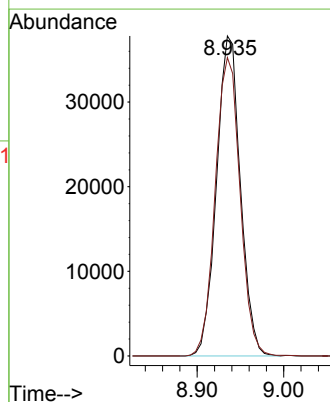
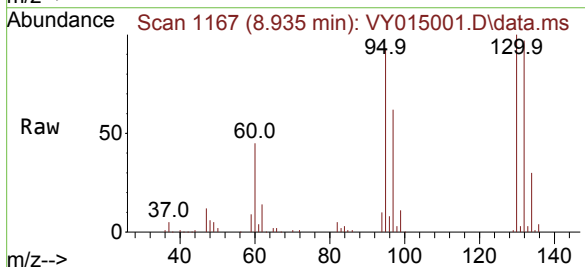
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

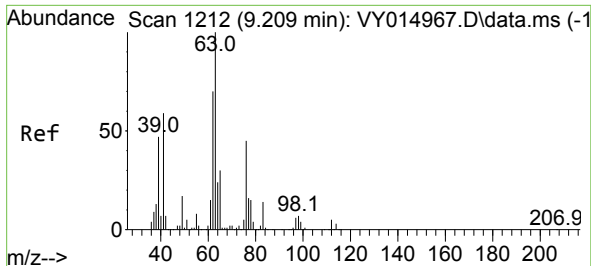
Tgt Ion: 43 Resp: 130578
Ion Ratio Lower Upper
43 100
61 27.6 21.1 31.7
87 14.1 9.8 14.8



#44
Trichloroethene
Concen: 18.509 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

Tgt Ion:130 Resp: 72351
Ion Ratio Lower Upper
130 100
95 93.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 18.791 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

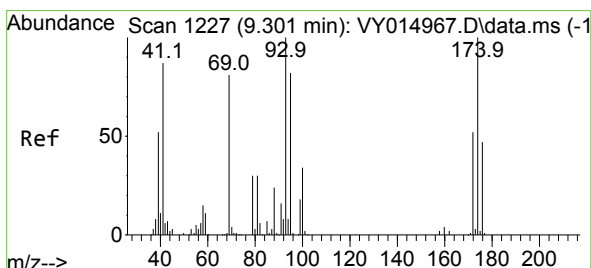
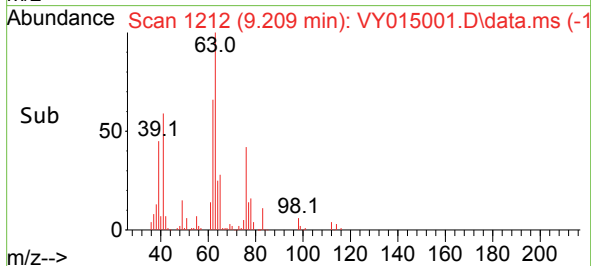
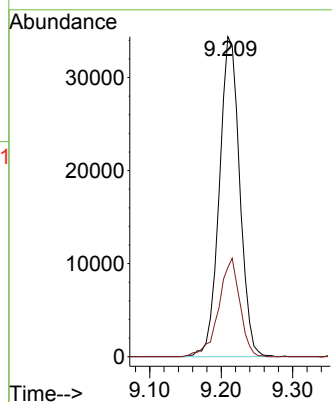
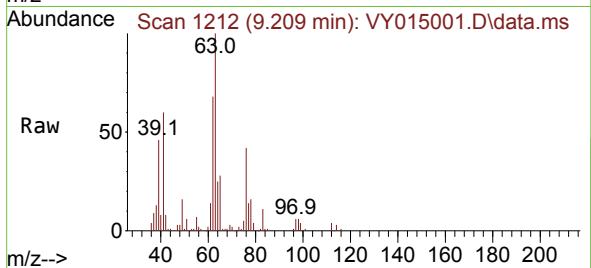
VY0809SBS01

Tgt Ion: 63 Resp: 68033

Ion Ratio Lower Upper

63 100

65 27.9 23.8 35.6



#46

Dibromomethane

Concen: 18.728 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

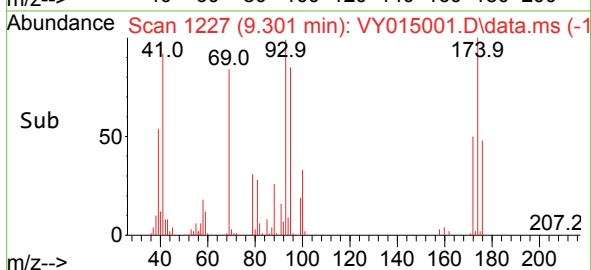
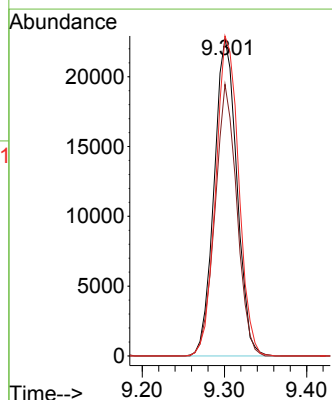
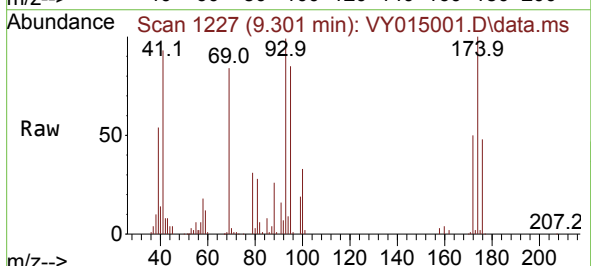
Tgt Ion: 93 Resp: 43681

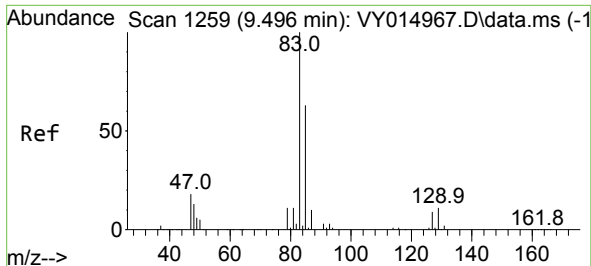
Ion Ratio Lower Upper

93 100

95 82.3 66.6 100.0

174 101.5 84.8 127.2

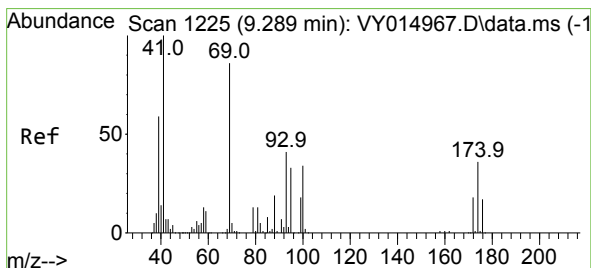
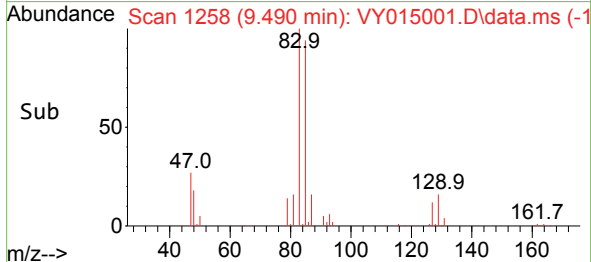
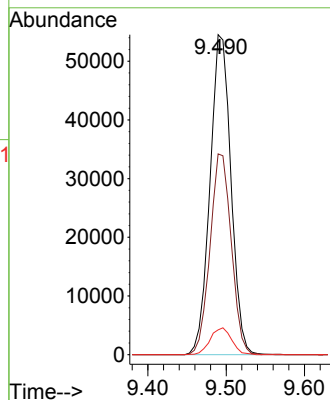
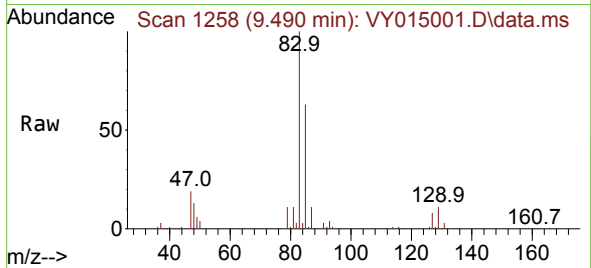




#47
Bromodichloromethane
Concen: 18.848 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

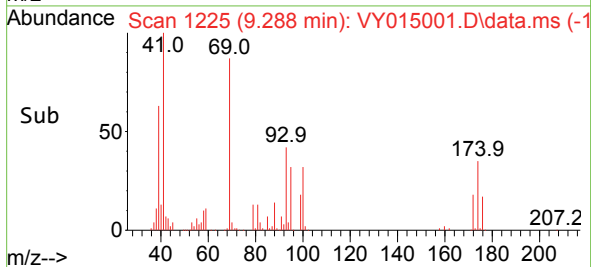
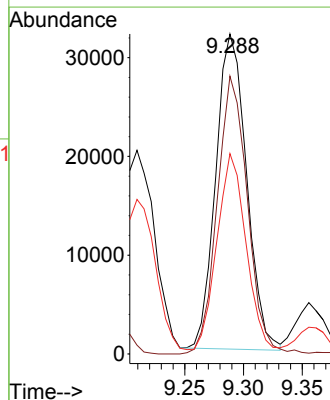
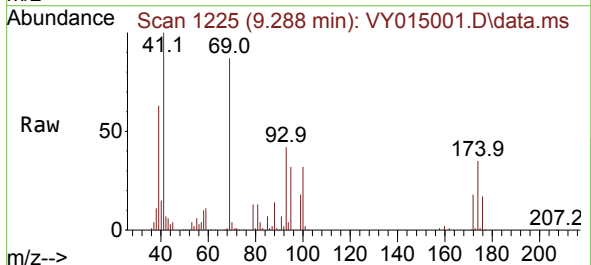
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

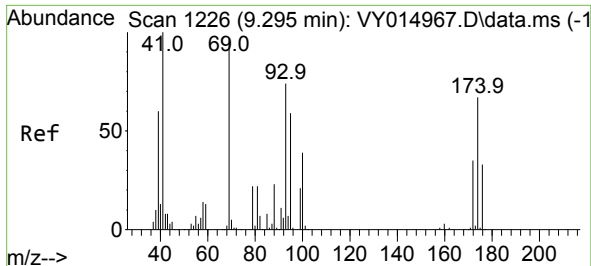
Tgt Ion: 83 Resp: 101233
Ion Ratio Lower Upper
83 100
85 62.7 50.1 75.1
127 7.7 7.1 10.7



#48
Methyl methacrylate
Concen: 19.428 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

Tgt Ion: 41 Resp: 58159
Ion Ratio Lower Upper
41 100
69 86.5 64.5 96.7
39 61.7 50.8 76.2





#49

1,4-Dioxane

Concen: 367.724 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0809SBS01

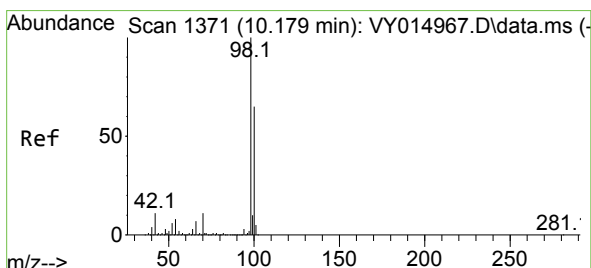
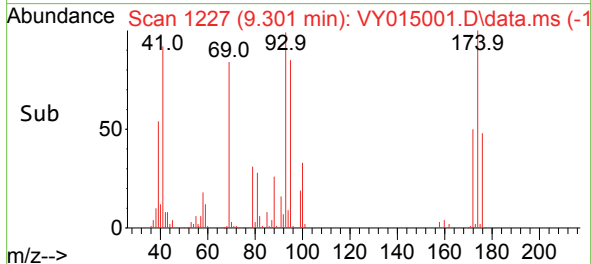
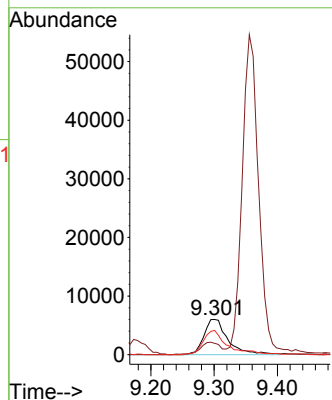
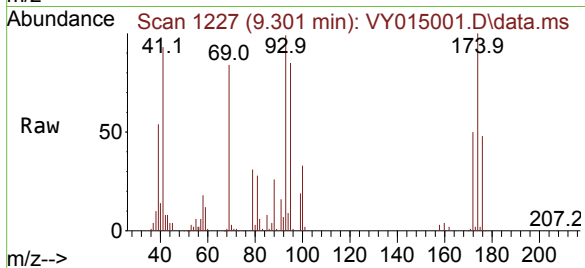
Tgt Ion: 88 Resp: 15953

Ion Ratio Lower Upper

88 100

43 30.7 0.0 0.0#

58 69.8 30.9 46.3#



#50

Toluene-d8

Concen: 47.557 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015001.D

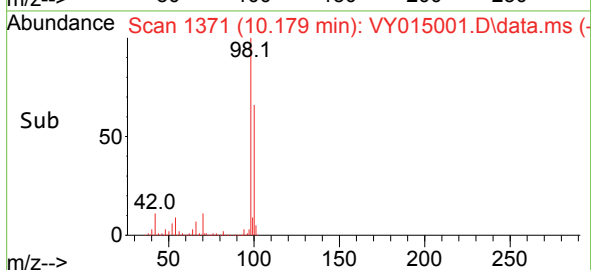
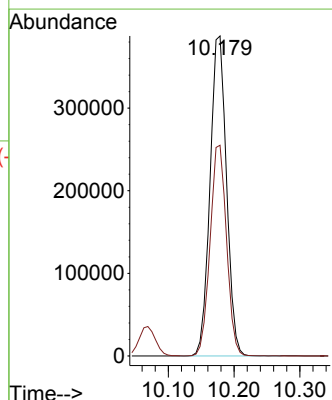
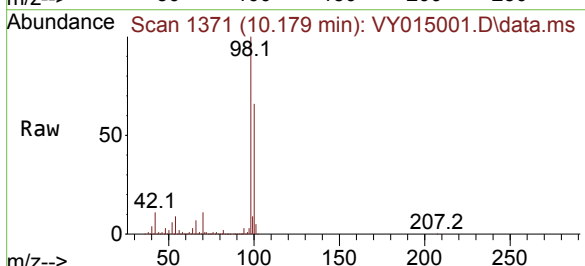
Acq: 09 Aug 2023 13:32

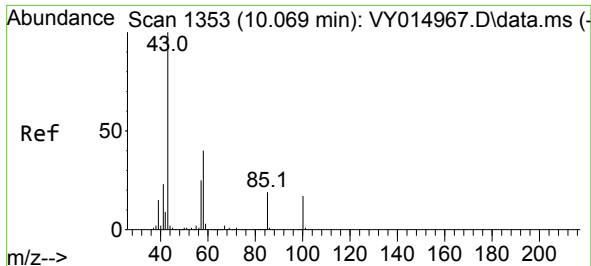
Tgt Ion: 98 Resp: 674539

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1

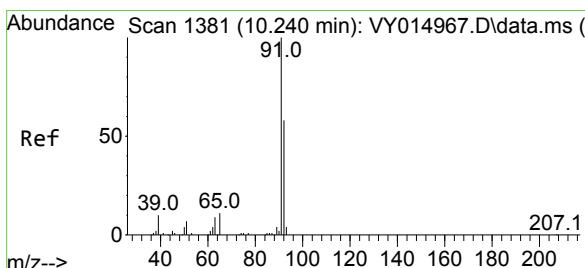
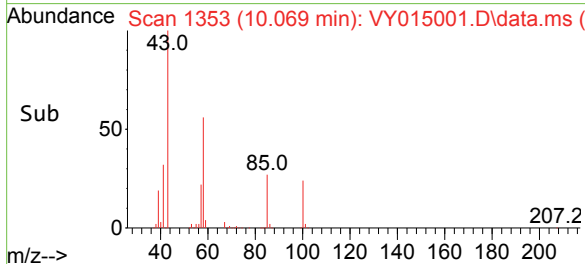
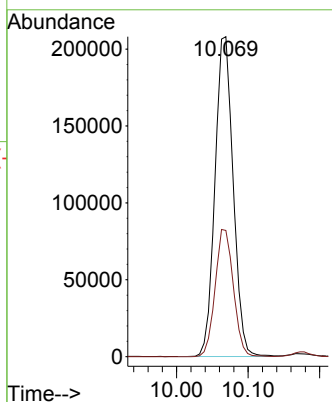
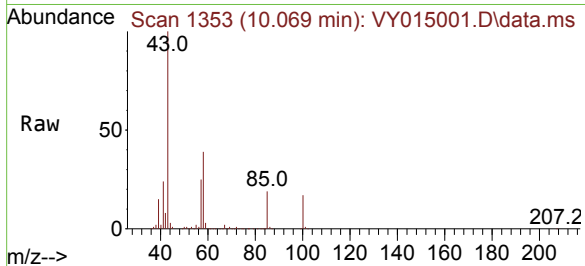




#51
4-Methyl-2-Pentanone
Concen: 95.687 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

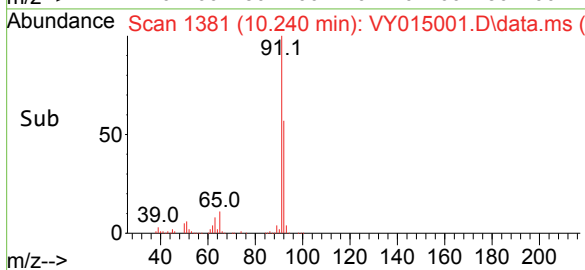
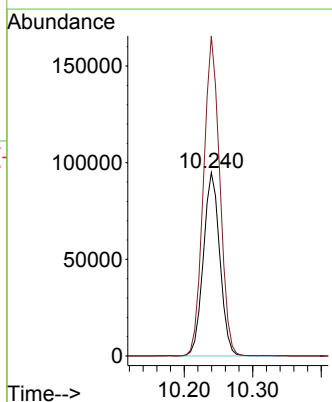
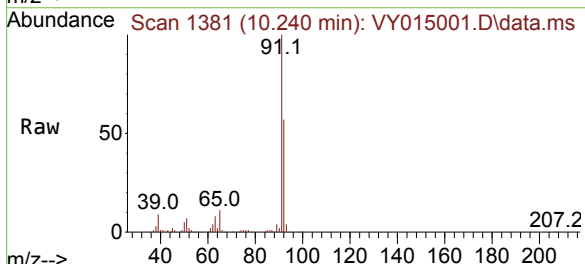
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

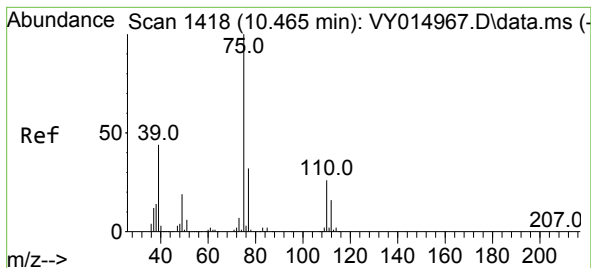
Tgt Ion: 43 Resp: 367909
Ion Ratio Lower Upper
43 100
58 39.9 29.0 43.6



#52
Toluene
Concen: 18.105 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

Tgt Ion: 92 Resp: 158718
Ion Ratio Lower Upper
92 100
91 172.9 143.8 215.6

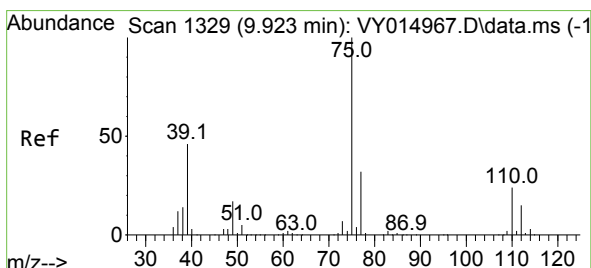
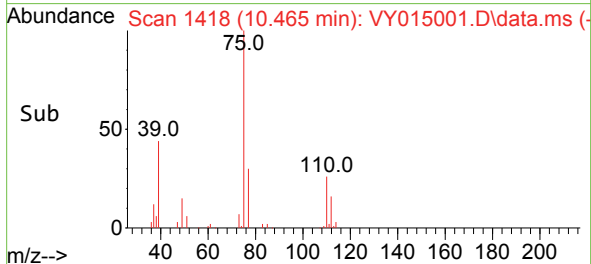
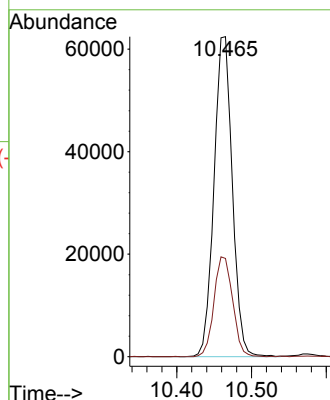
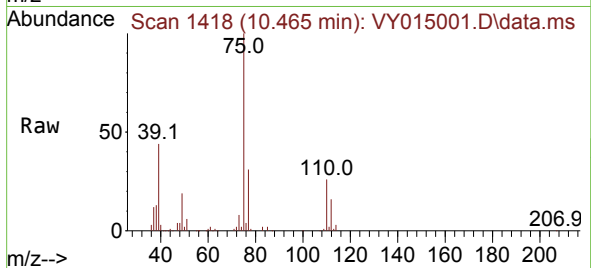




#53
t-1,3-Dichloropropene
Concen: 19.007 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

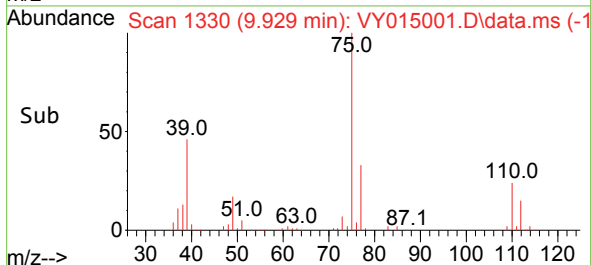
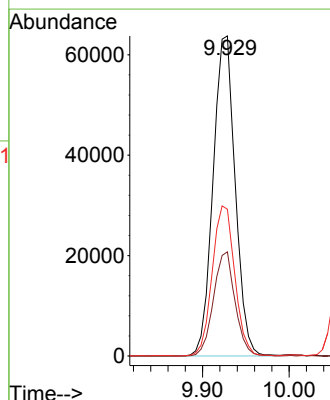
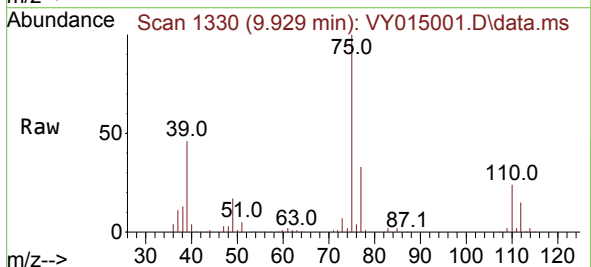
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

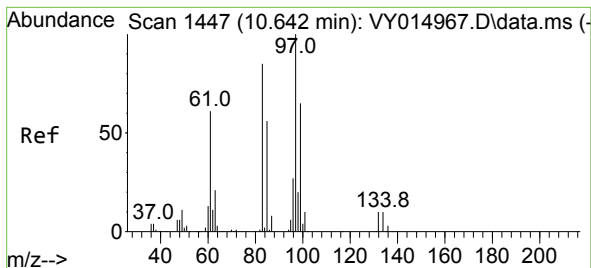
Tgt Ion: 75 Resp: 106309
Ion Ratio Lower Upper
75 100
77 30.7 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 18.731 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

Tgt Ion: 75 Resp: 113194
Ion Ratio Lower Upper
75 100
77 32.6 24.2 36.4
39 45.9 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 18.456 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0809SBS01

Tgt Ion: 97 Resp: 62564

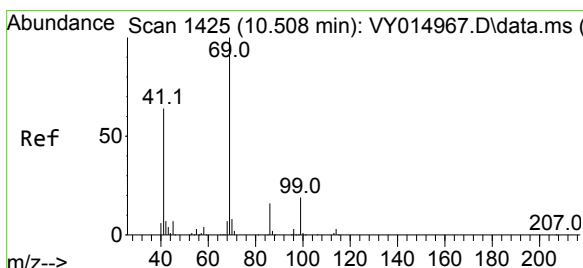
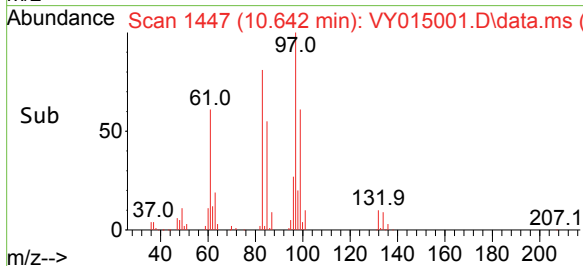
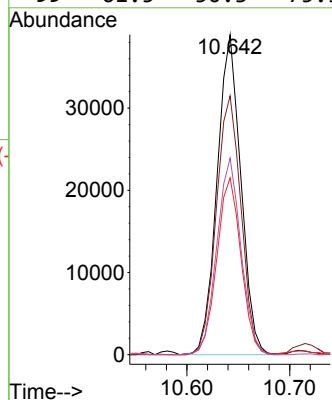
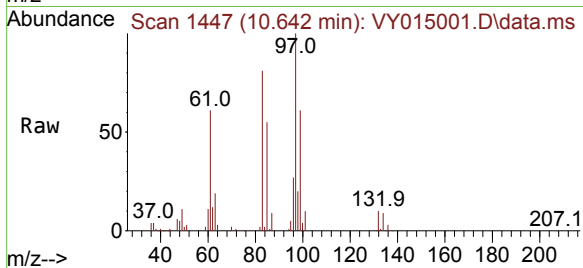
Ion Ratio Lower Upper

97 100

83 80.9 72.0 108.0

85 55.2 45.4 68.0

99 61.5 50.3 75.5



#56

Ethyl methacrylate

Concen: 19.093 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

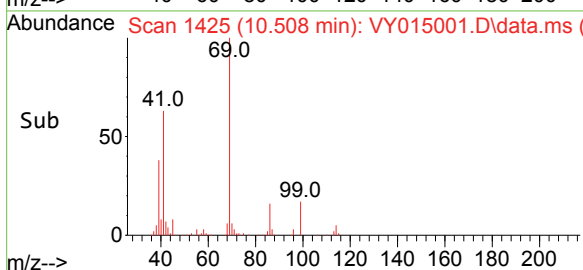
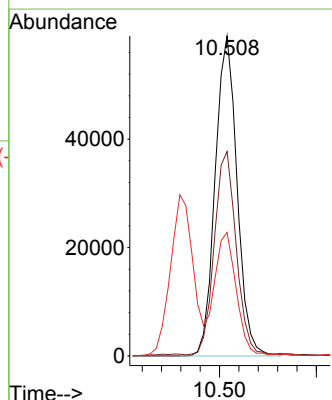
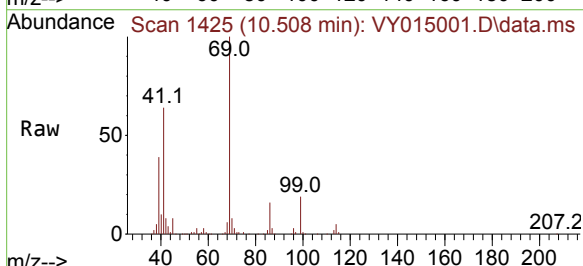
Tgt Ion: 69 Resp: 92674

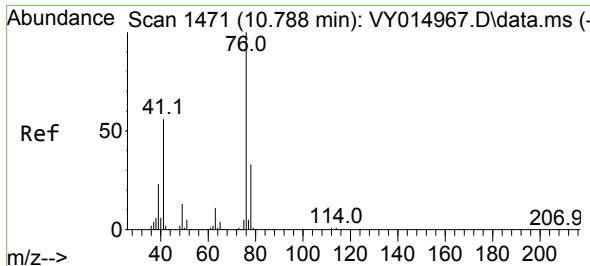
Ion Ratio Lower Upper

69 100

41 64.0 57.6 86.4

39 38.8 34.1 51.1





#57

1,3-Dichloropropane

Concen: 18.557 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

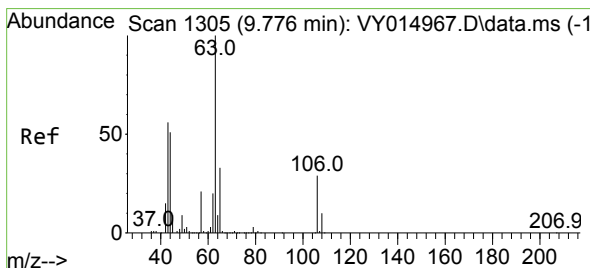
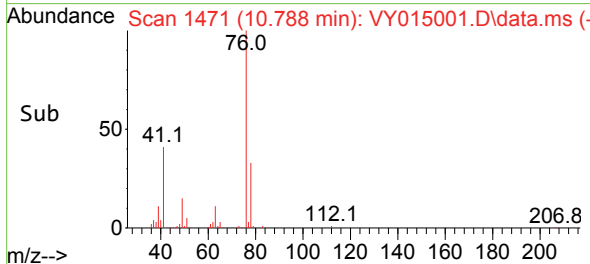
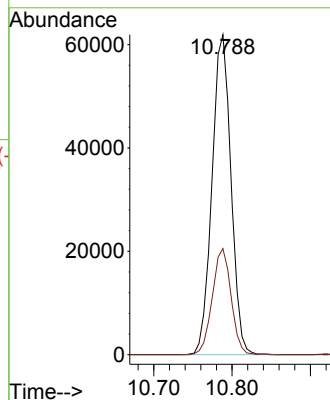
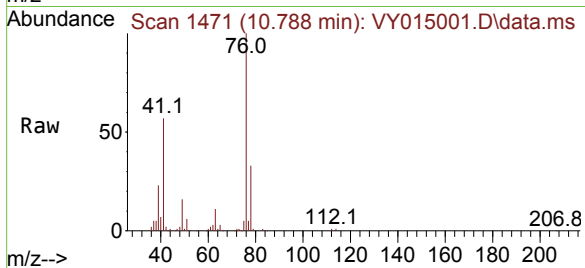
VY0809SBS01

Tgt Ion: 76 Resp: 104075

Ion Ratio Lower Upper

76 100

78 32.9 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 96.925 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VY015001.D

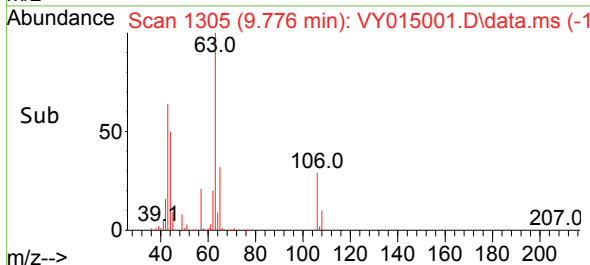
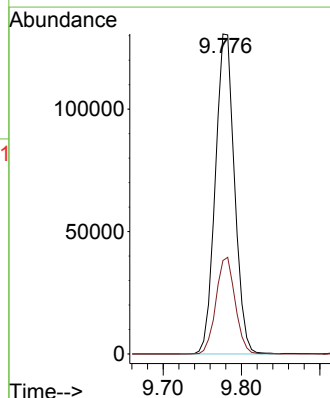
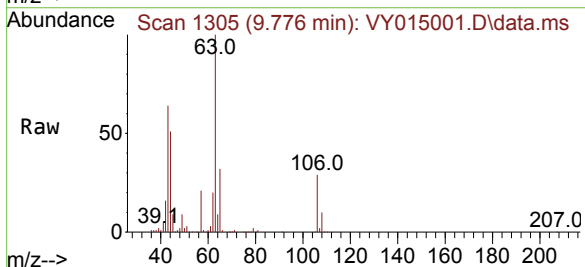
Acq: 09 Aug 2023 13:32

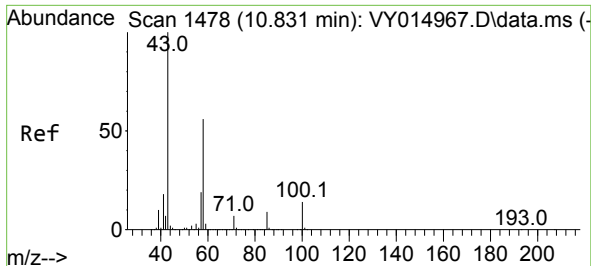
Tgt Ion: 63 Resp: 222454

Ion Ratio Lower Upper

63 100

106 30.2 21.2 31.8

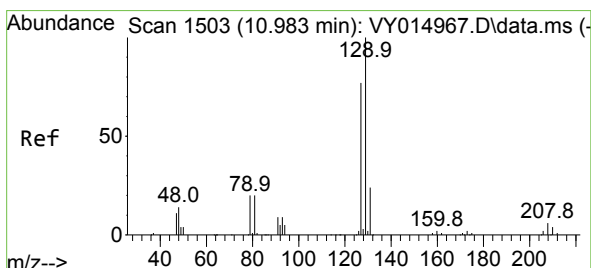
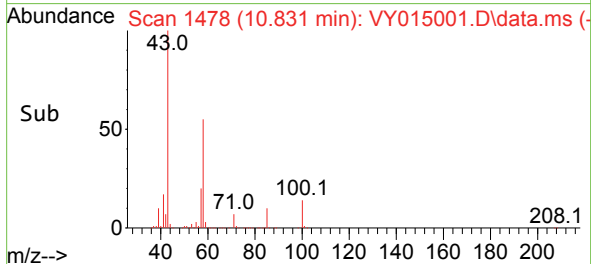
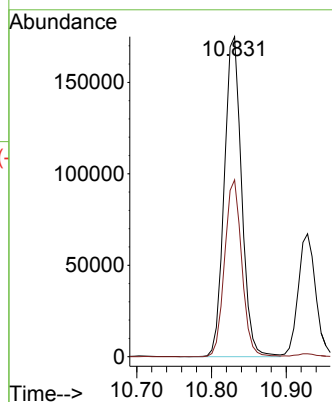
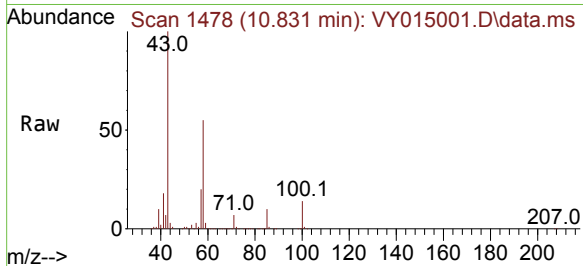




#59
2-Hexanone
Concen: 99.560 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

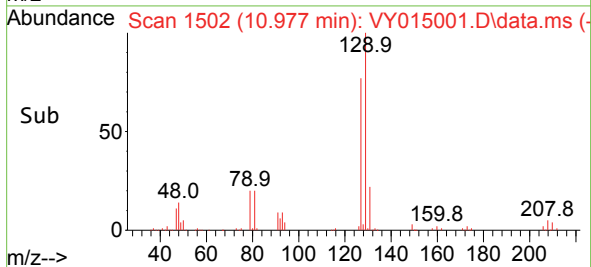
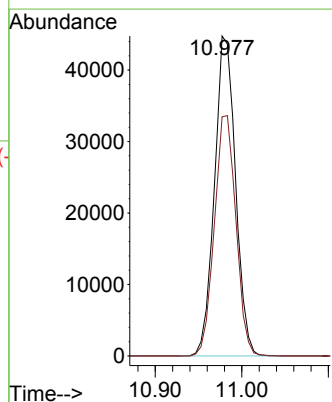
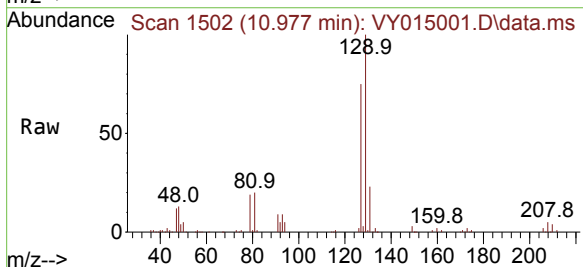
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

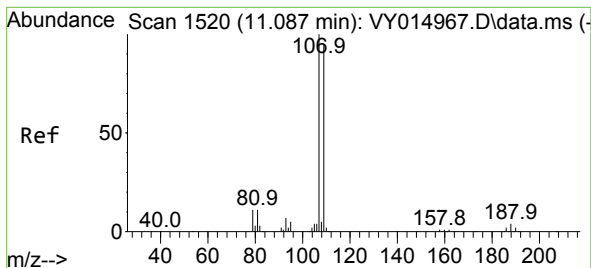
Tgt Ion: 43 Resp: 282781
Ion Ratio Lower Upper
43 100
58 54.6 25.1 75.3



#60
Dibromochloromethane
Concen: 18.738 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

Tgt Ion: 129 Resp: 75632
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5

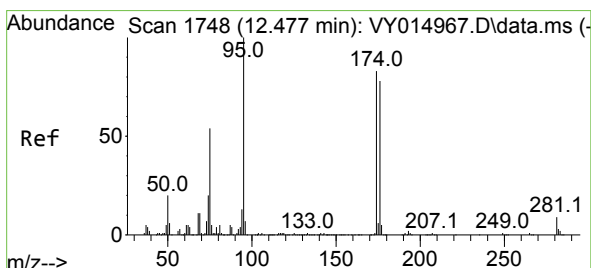
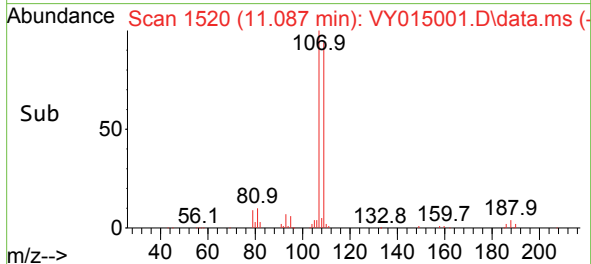
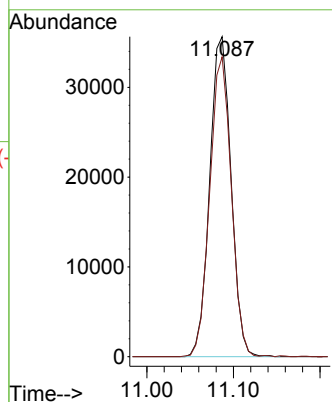
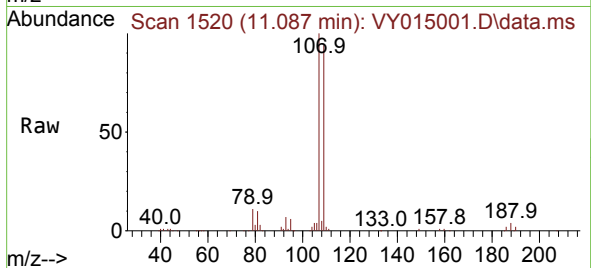




#61
1,2-Dibromoethane
Concen: 18.862 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

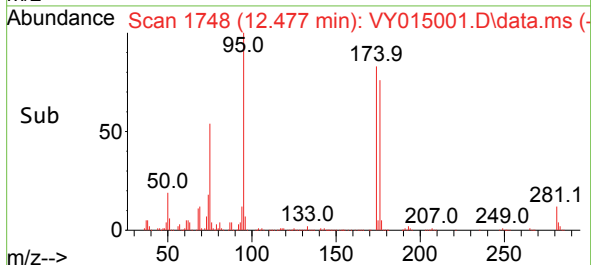
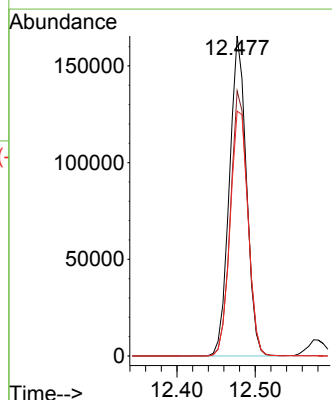
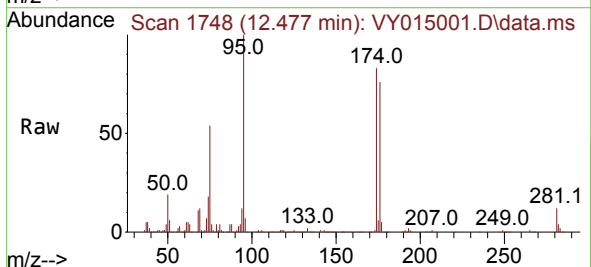
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

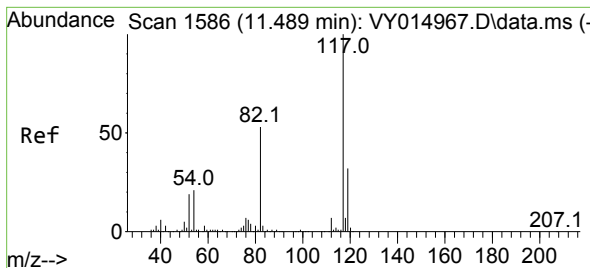
Tgt Ion:107 Resp: 61032
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.633 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

Tgt Ion: 95 Resp: 249503
Ion Ratio Lower Upper
95 100
174 83.7 0.0 178.2
176 80.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0809SBS01

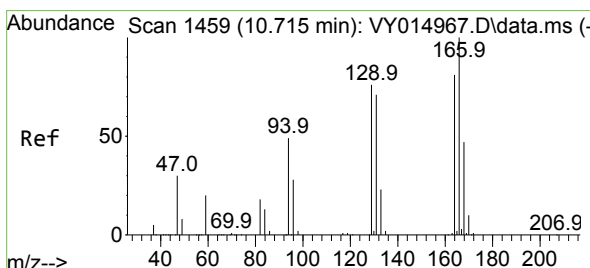
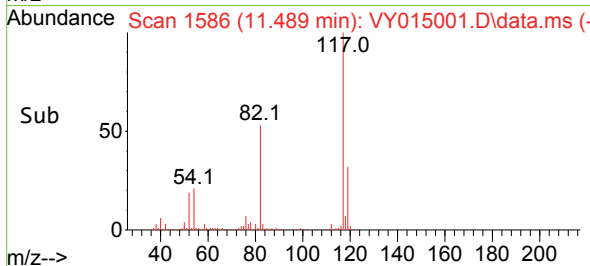
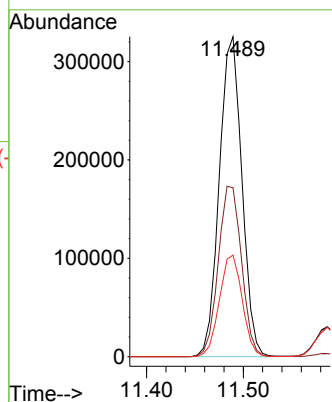
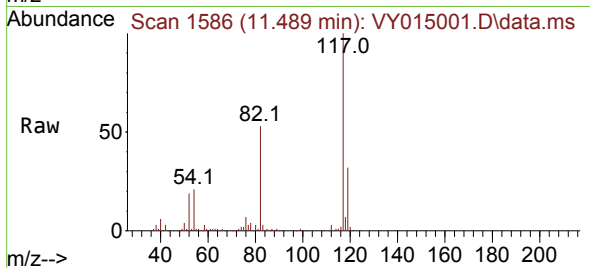
Tgt Ion:117 Resp: 526917

Ion Ratio Lower Upper

117 100

82 52.8 43.4 65.0

119 31.7 26.3 39.5



#64

Tetrachloroethene

Concen: 20.894 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

Tgt Ion:164 Resp: 82815

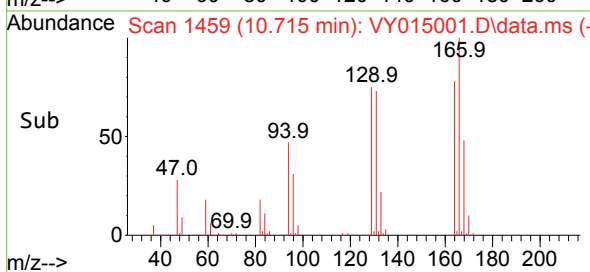
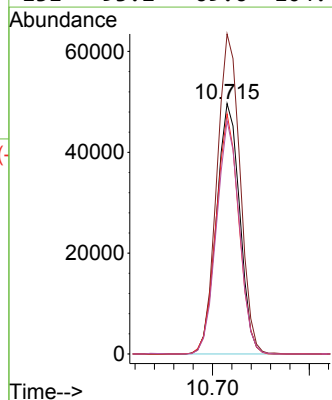
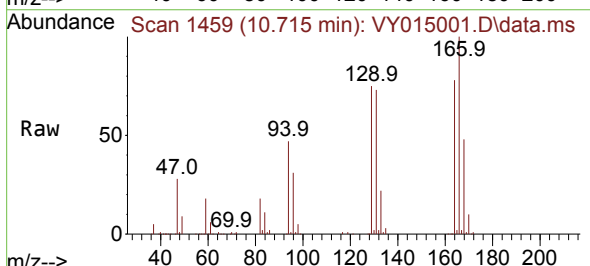
Ion Ratio Lower Upper

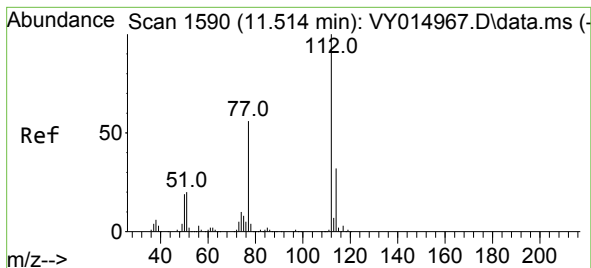
164 100

166 127.8 103.0 154.6

129 95.9 77.2 115.8

131 93.2 69.6 104.4





#65

Chlorobenzene

Concen: 18.424 ug/l

RT: 11.514 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

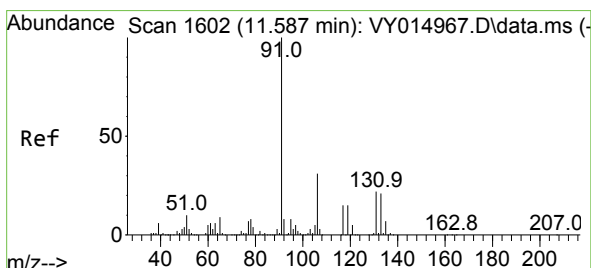
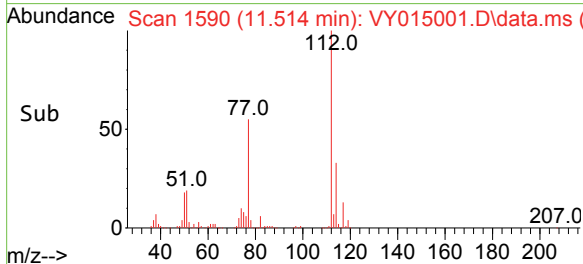
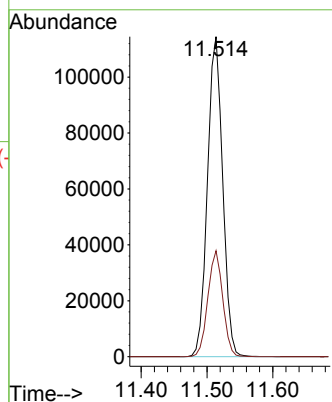
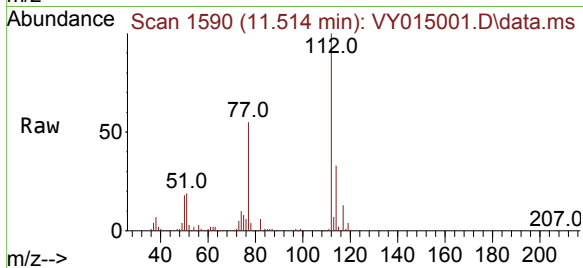
VY0809SBS01

Tgt Ion:112 Resp: 184208

Ion Ratio Lower Upper

112 100

114 33.1 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 18.838 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

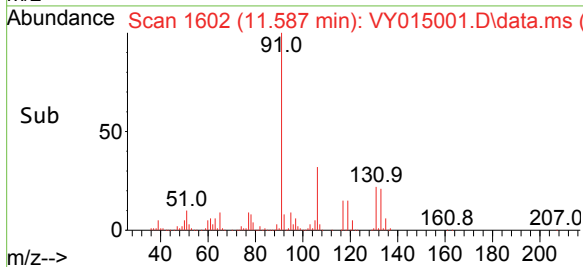
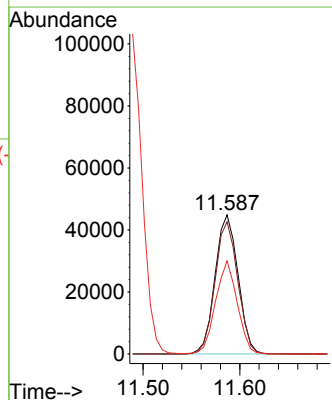
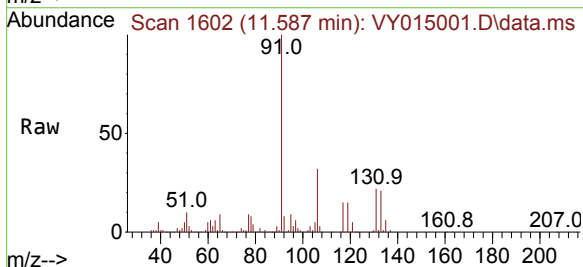
Tgt Ion:131 Resp: 73803

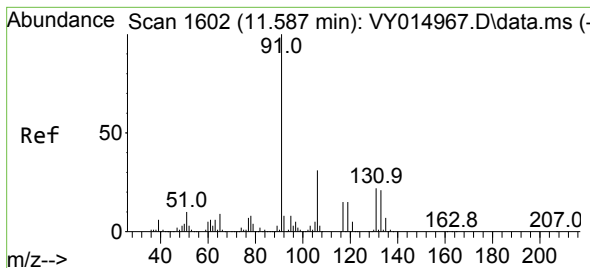
Ion Ratio Lower Upper

131 100

133 94.4 47.5 142.6

119 63.2 31.6 94.7





#67

Ethyl Benzene

Concen: 18.072 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

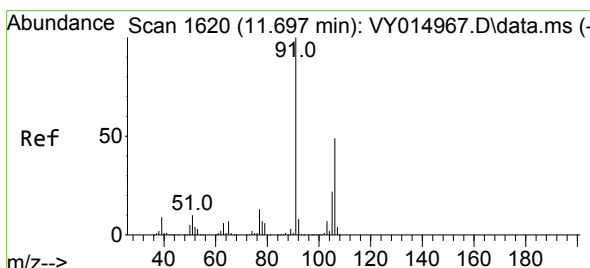
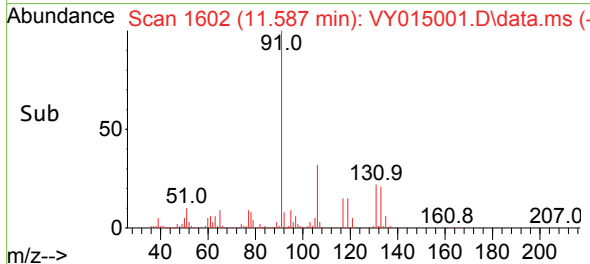
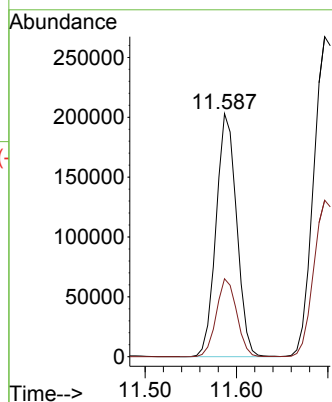
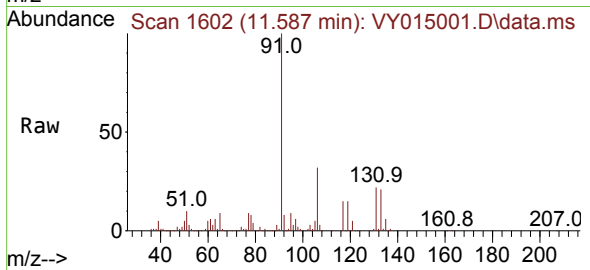
VY0809SBS01

Tgt Ion: 91 Resp: 317107

Ion Ratio Lower Upper

91 100

106 32.1 24.6 36.8



#68

m/p-Xylenes

Concen: 36.529 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY015001.D

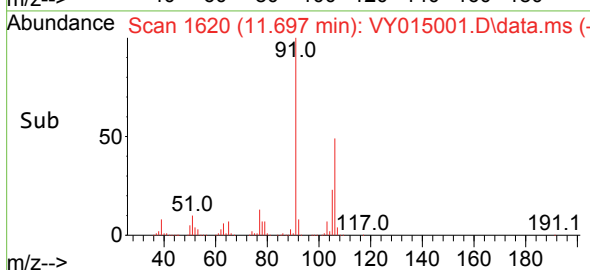
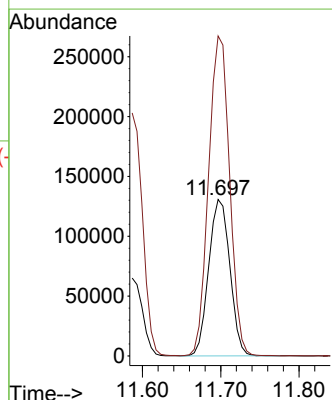
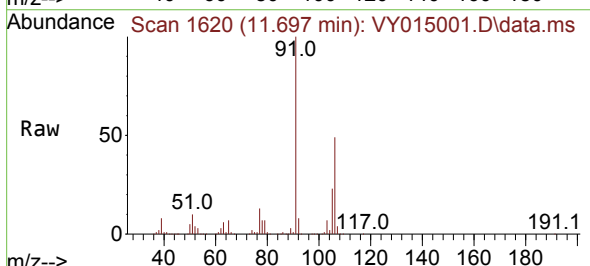
Acq: 09 Aug 2023 13:32

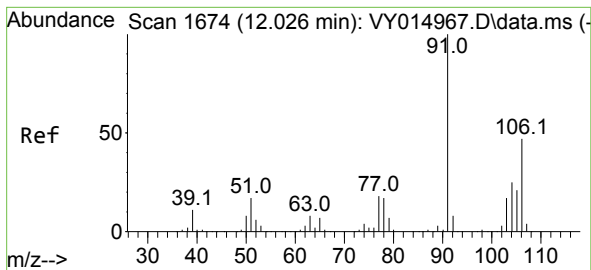
Tgt Ion: 106 Resp: 245202

Ion Ratio Lower Upper

106 100

91 203.4 166.1 249.1





#69

o-Xylene

Concen: 18.446 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

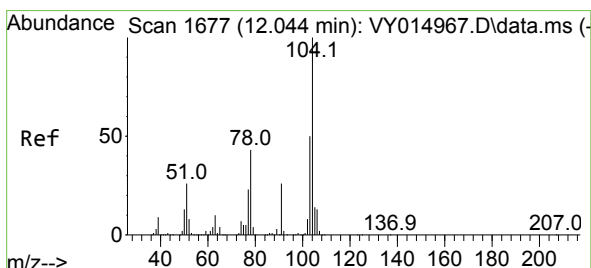
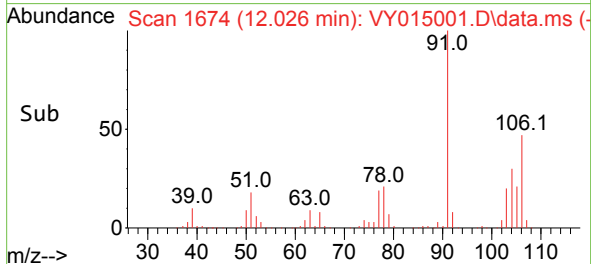
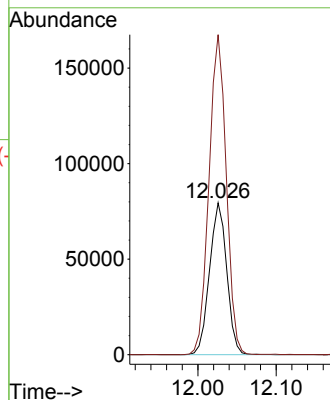
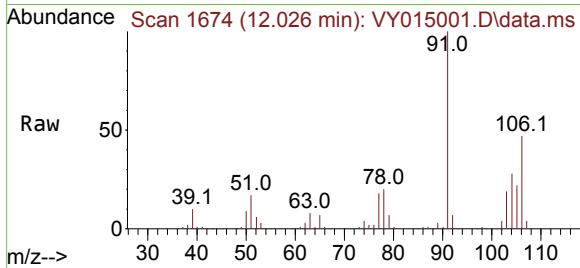
VY0809SBS01

Tgt Ion:106 Resp: 121160

Ion Ratio Lower Upper

106 100

91 211.5 108.1 324.3



#70

Styrene

Concen: 18.359 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

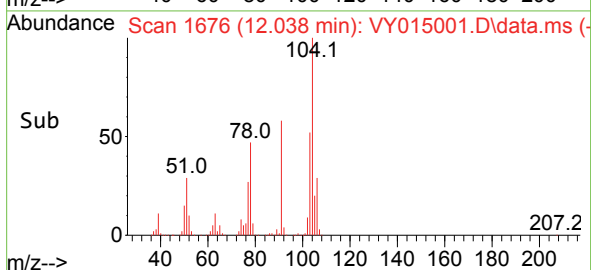
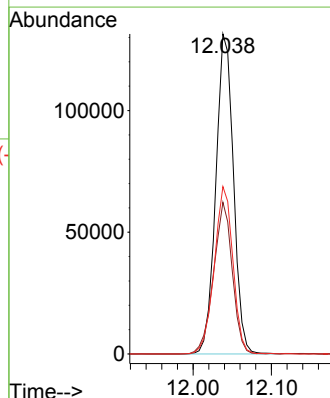
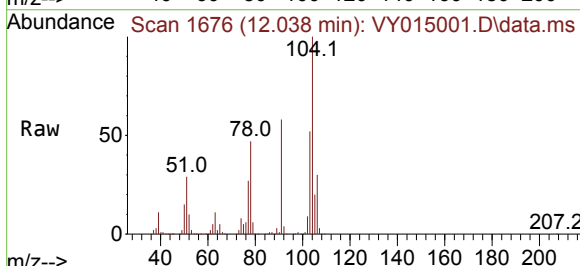
Tgt Ion:104 Resp: 206075

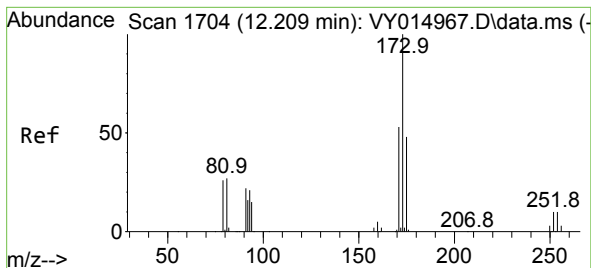
Ion Ratio Lower Upper

104 100

78 50.2 41.5 62.3

103 55.3 44.6 67.0





#71

Bromoform

Concen: 19.054 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0809SBS01

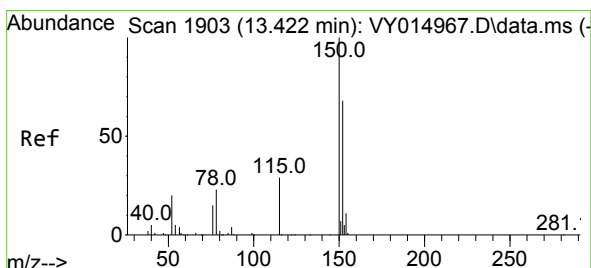
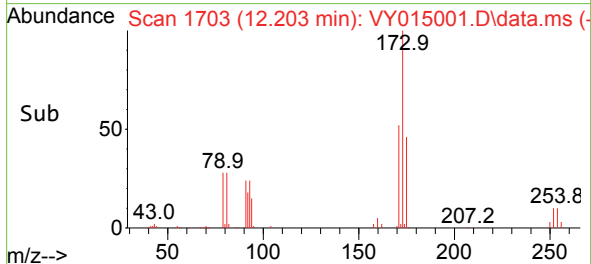
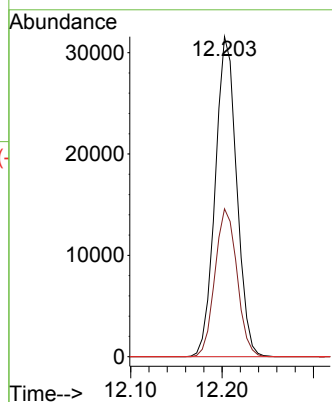
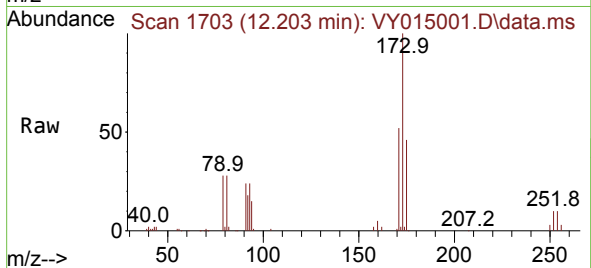
Tgt Ion:173 Resp: 51455

Ion Ratio Lower Upper

173 100

175 47.5 24.6 73.8

254 0.0 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: VY015001.D

Acq: 09 Aug 2023 13:32

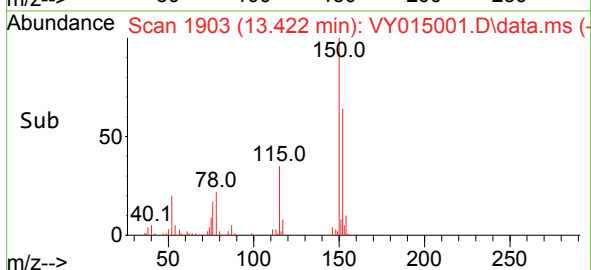
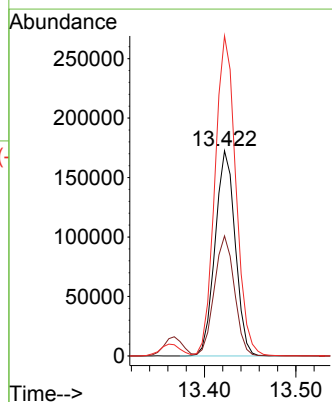
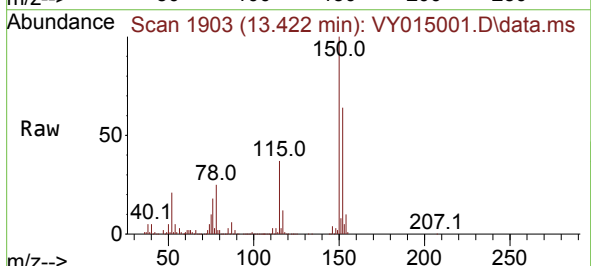
Tgt Ion:152 Resp: 263598

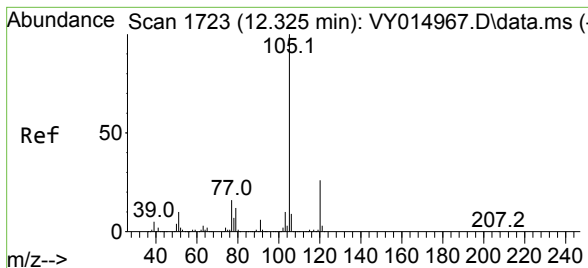
Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 162.4 0.0 348.8





#73

Isopropylbenzene

Concen: 18.283 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

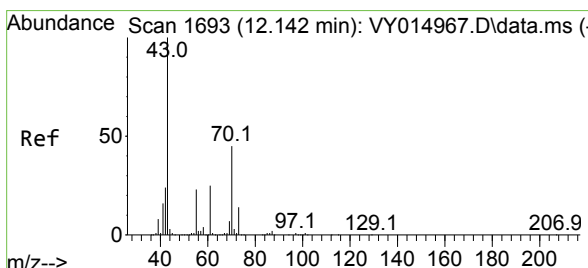
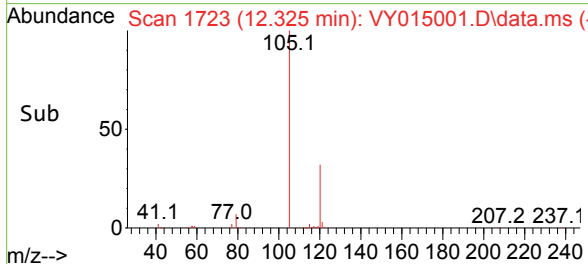
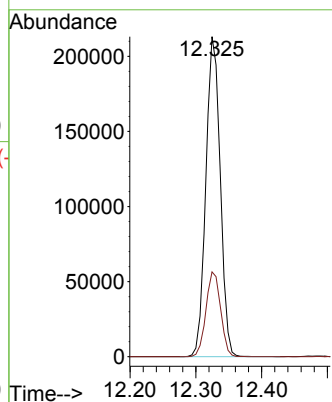
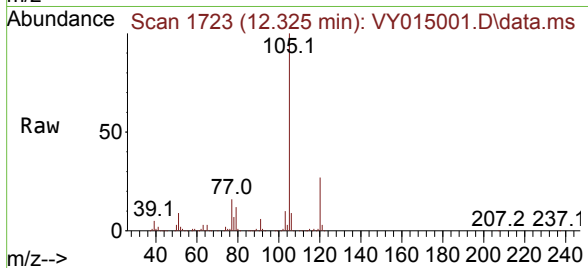
VY0809SBS01

Tgt Ion:105 Resp: 323973

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 17.586 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

Tgt Ion: 43 Resp: 106468

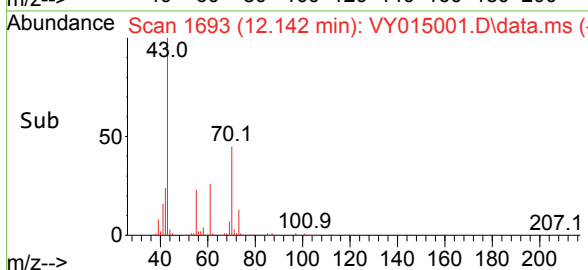
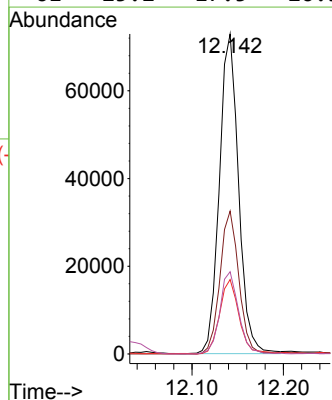
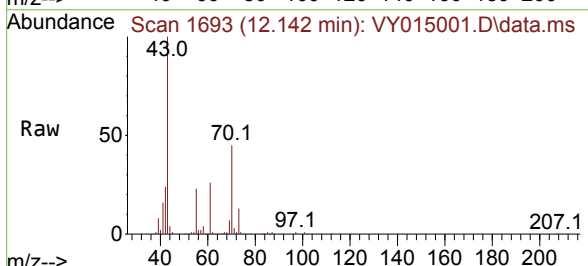
Ion Ratio Lower Upper

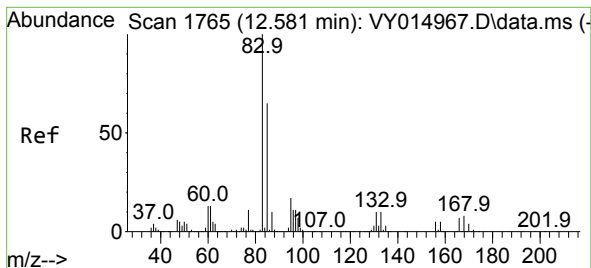
43 100

70 44.0 29.7 44.5

55 24.0 18.3 27.5

61 25.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.126 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0809SBS01

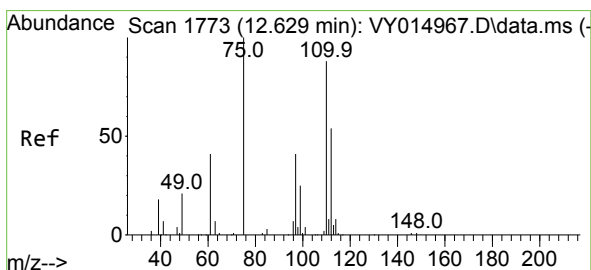
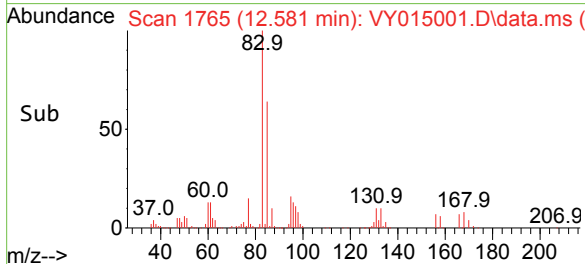
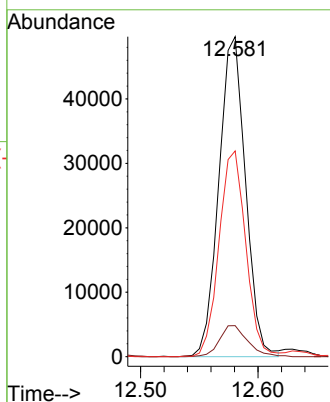
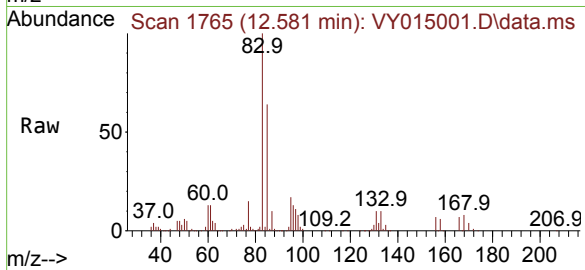
Tgt Ion: 83 Resp: 78491

Ion Ratio Lower Upper

83 100

131 10.3 5.4 16.2

85 64.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 33.277 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY015001.D

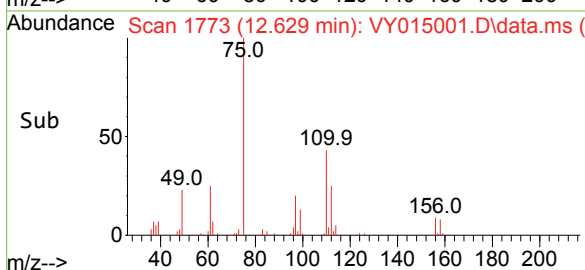
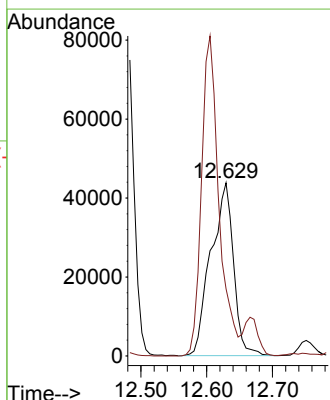
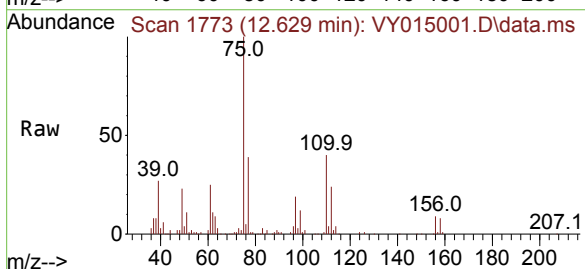
Acq: 09 Aug 2023 13:32

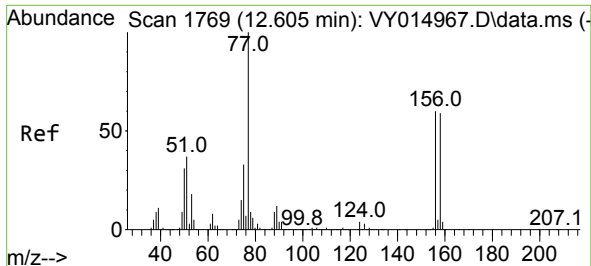
Tgt Ion: 75 Resp: 105105

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

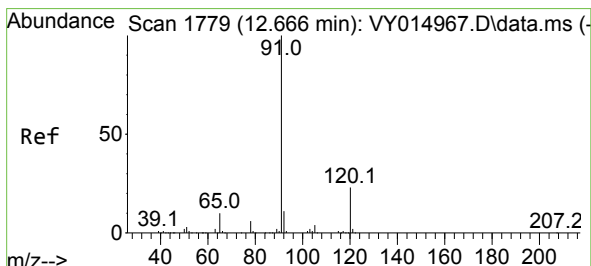
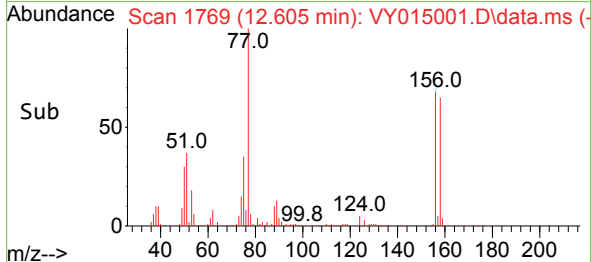
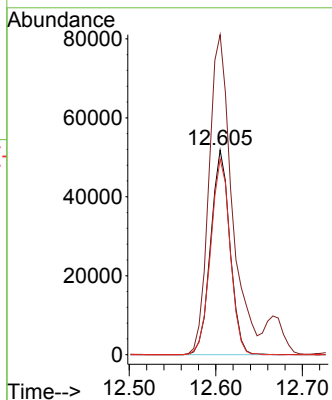
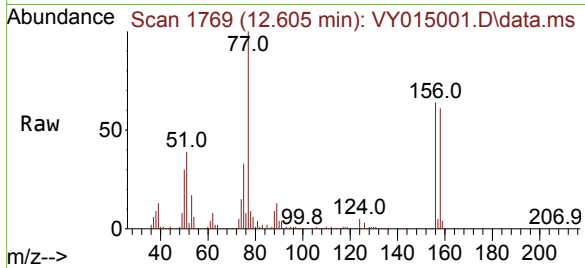




#77
Bromobenzene
Concen: 18.585 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

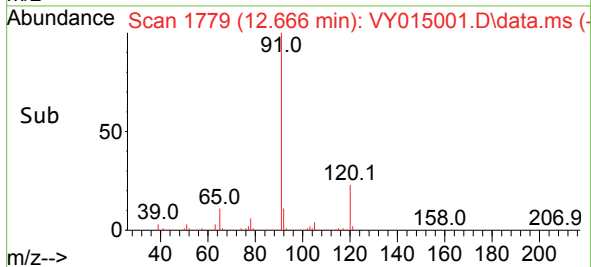
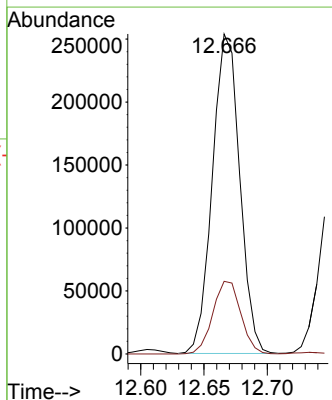
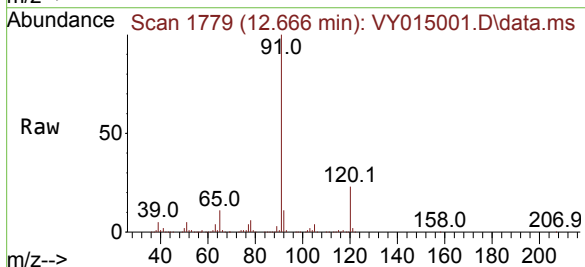
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

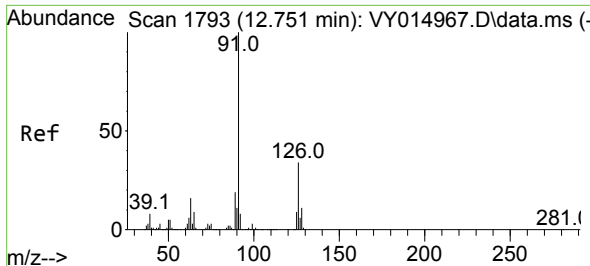
Tgt Ion:156 Resp: 79880
Ion Ratio Lower Upper
156 100
77 187.0 92.8 278.6
158 96.8 48.4 145.3



#78
n-propylbenzene
Concen: 17.990 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

Tgt Ion: 91 Resp: 381266
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4

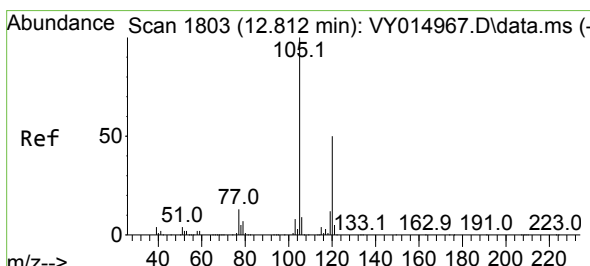
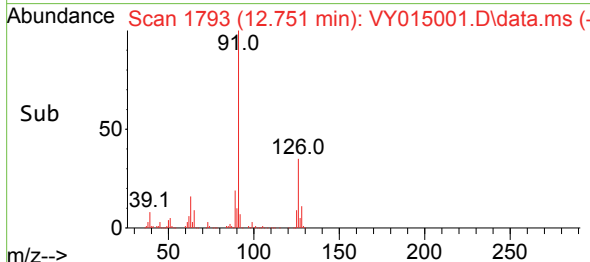
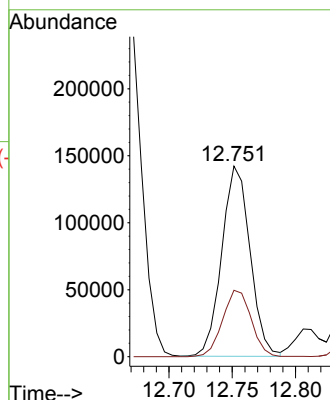
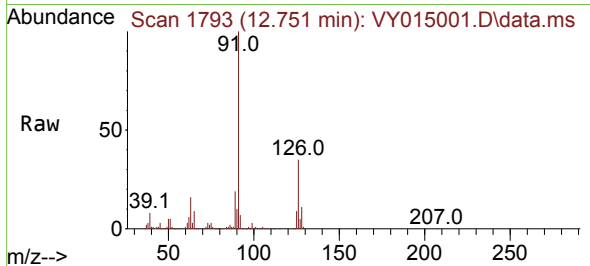




#79
2-Chlorotoluene
Concen: 18.302 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

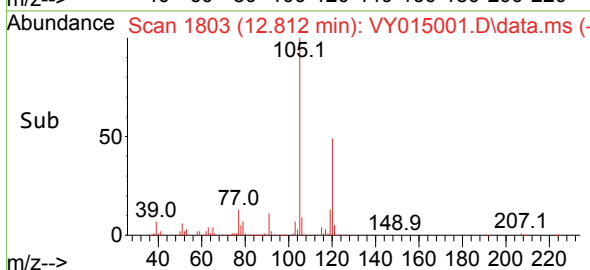
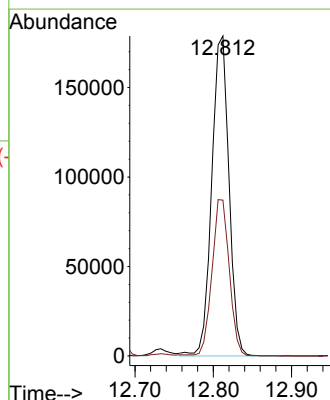
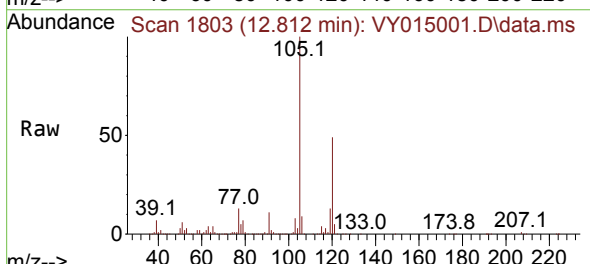
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

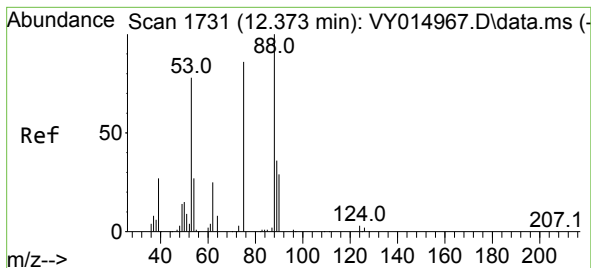
Tgt Ion: 91 Resp: 221060
Ion Ratio Lower Upper
91 100
126 35.4 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 18.692 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

Tgt Ion: 105 Resp: 272945
Ion Ratio Lower Upper
105 100
120 49.3 23.9 71.7

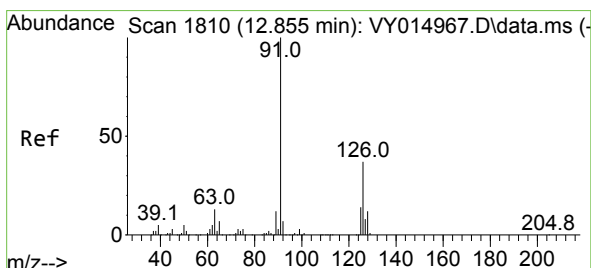
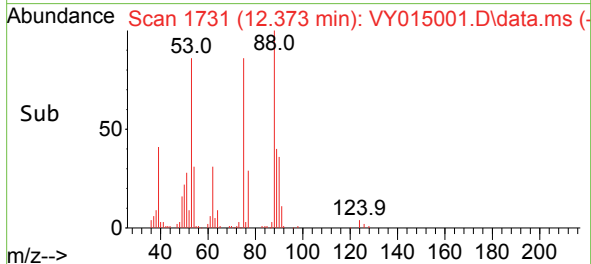
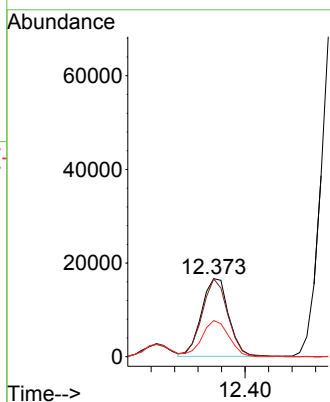
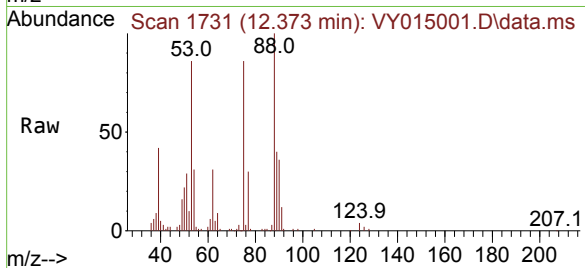




#81
trans-1,4-Dichloro-2-butene
Concen: 18.557 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

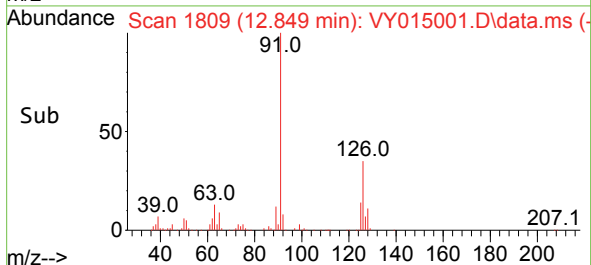
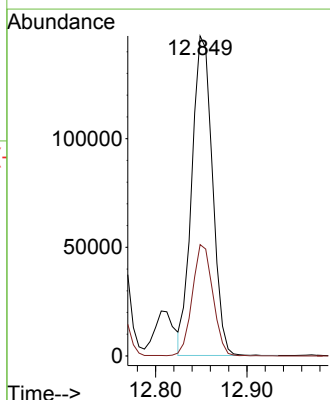
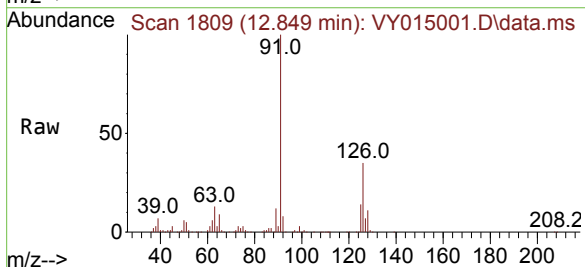
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

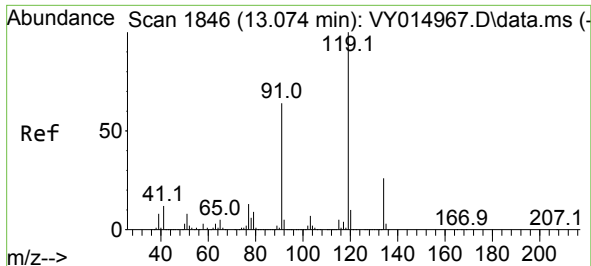
Tgt Ion: 75 Resp: 26606
Ion Ratio Lower Upper
75 100
53 96.3 77.8 116.8
89 45.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 18.437 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

Tgt Ion: 91 Resp: 230208
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6

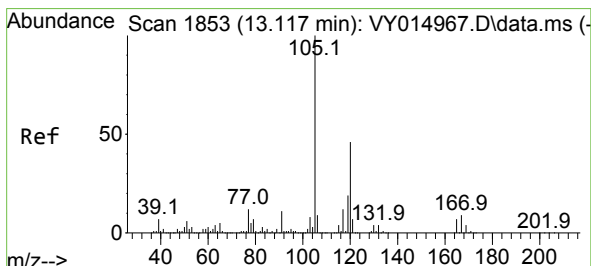
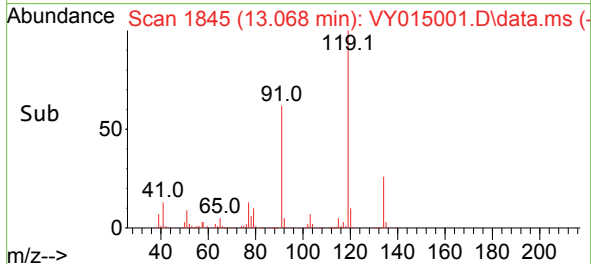
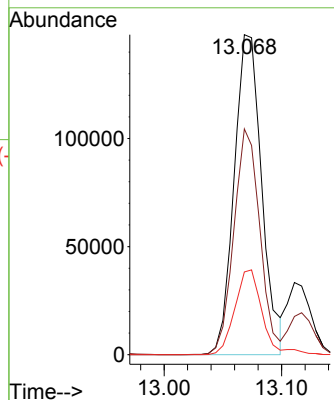
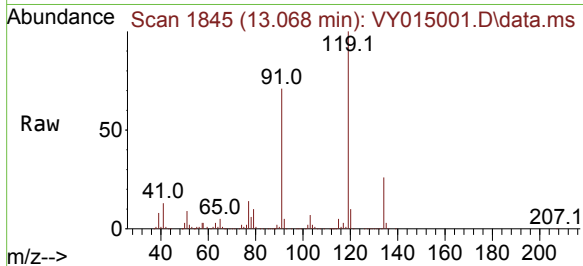




#83
tert-Butylbenzene
Concen: 18.091 ug/l
RT: 13.068 min Scan# 119
Delta R.T. -0.006 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

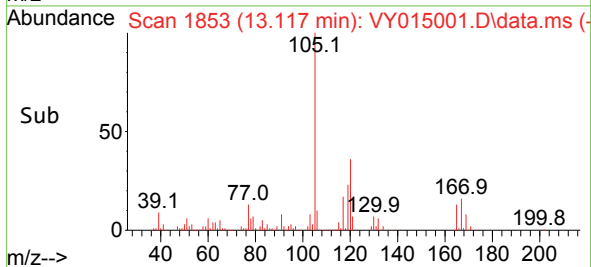
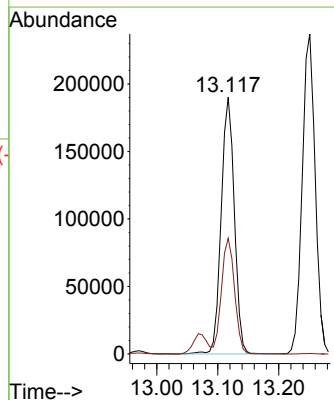
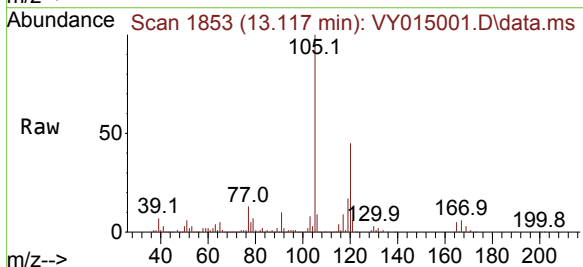
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

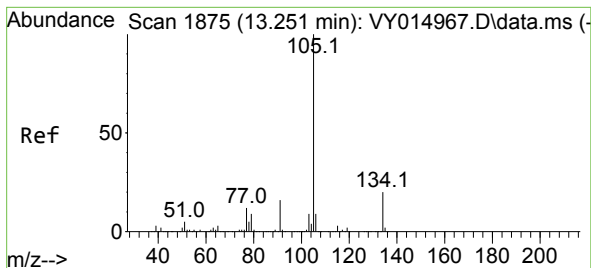
Tgt Ion:119 Resp: 241654
Ion Ratio Lower Upper
119 100
91 66.8 32.9 98.6
134 26.4 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 19.494 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY015001.D
Acq: 09 Aug 2023 13:32

Tgt Ion:105 Resp: 285192
Ion Ratio Lower Upper
105 100
120 44.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 17.839 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

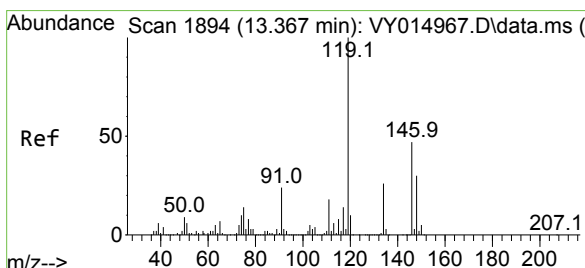
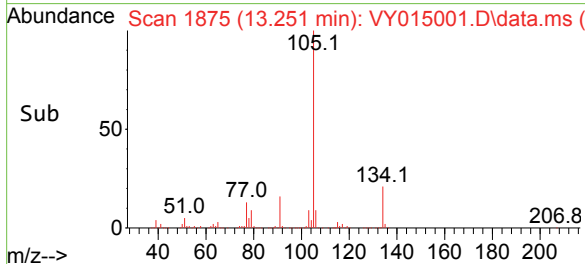
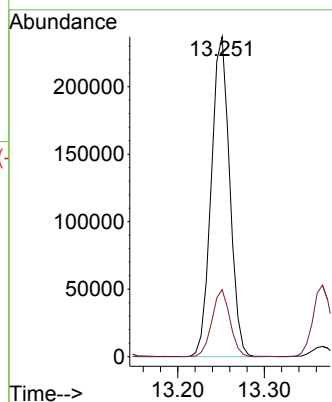
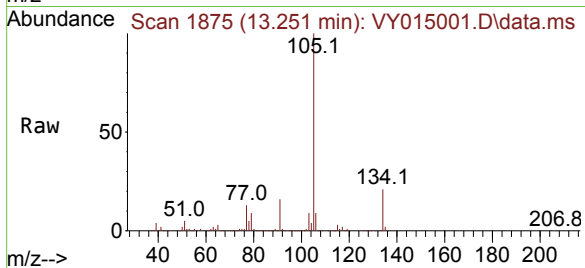
VY0809SBS01

Tgt Ion:105 Resp: 349739

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 18.256 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

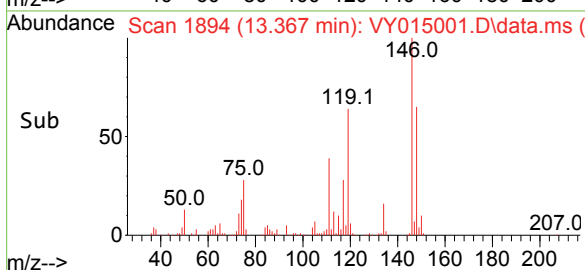
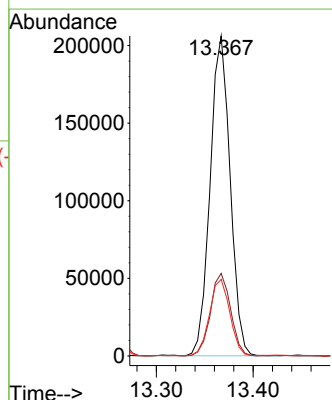
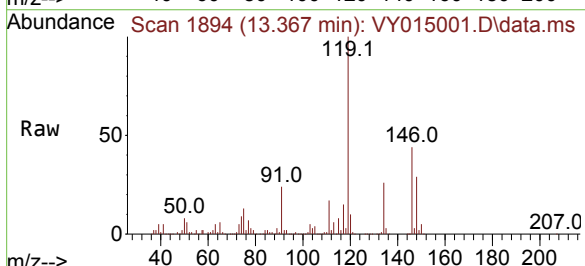
Tgt Ion:119 Resp: 296259

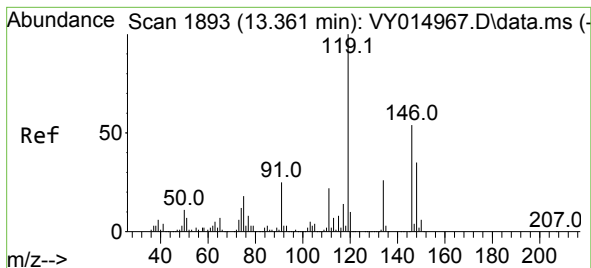
Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.8

91 24.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 18.443 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0809SBS01

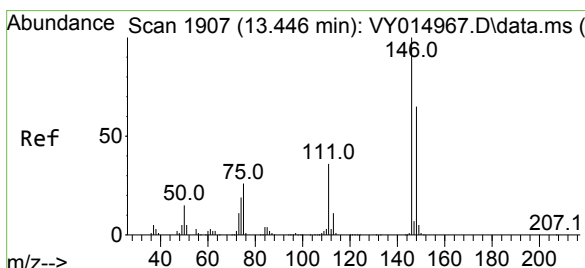
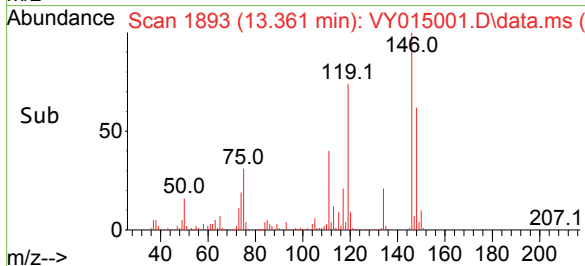
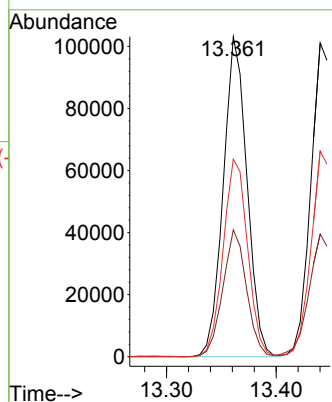
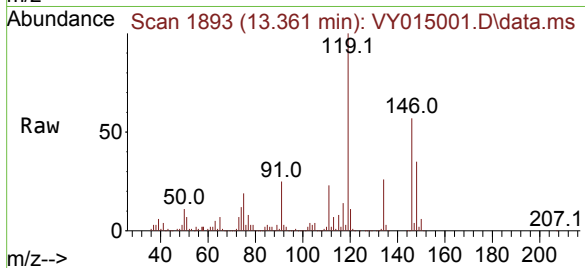
Tgt Ion:146 Resp: 155161

Ion Ratio Lower Upper

146 100

111 39.5 19.4 58.2

148 63.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 18.452 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

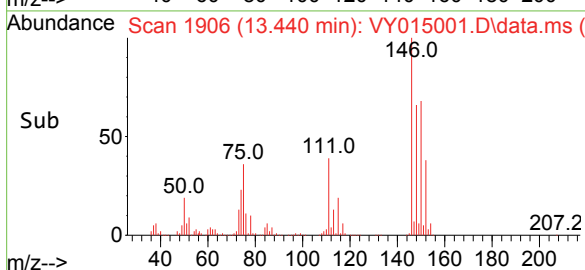
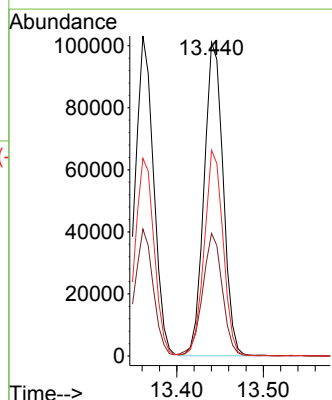
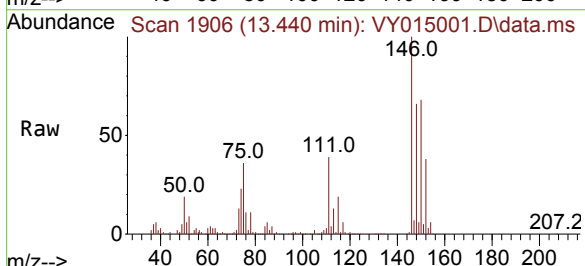
Tgt Ion:146 Resp: 154814

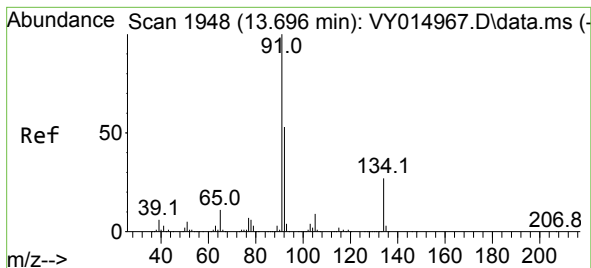
Ion Ratio Lower Upper

146 100

111 40.3 18.9 56.7

148 64.9 32.1 96.5





#89

n-Butylbenzene

Concen: 18.059 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0809SBS01

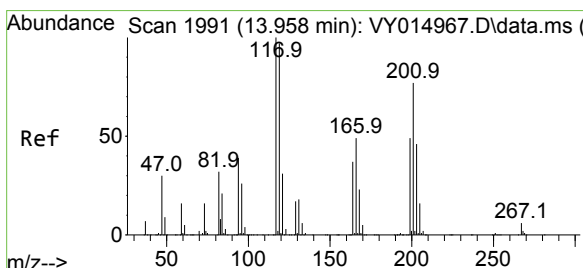
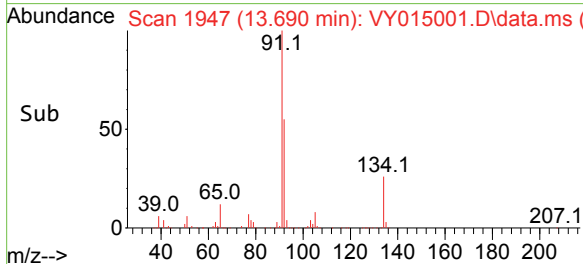
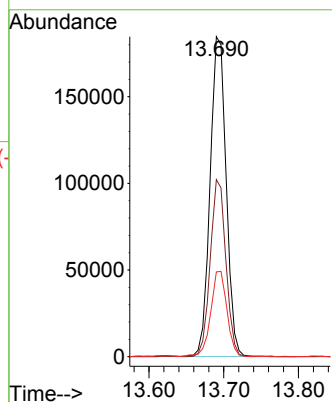
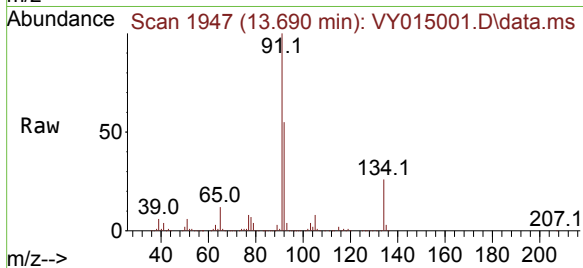
Tgt Ion: 91 Resp: 275353

Ion Ratio Lower Upper

91 100

92 54.0 25.4 76.0

134 27.1 12.6 37.6



#90

Hexachloroethane

Concen: 18.222 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY015001.D

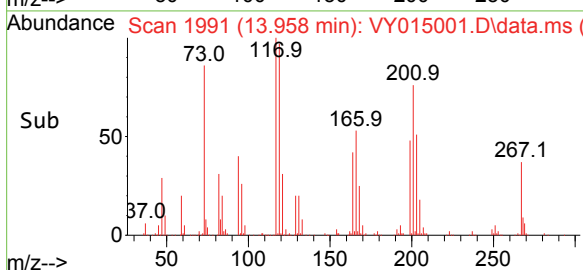
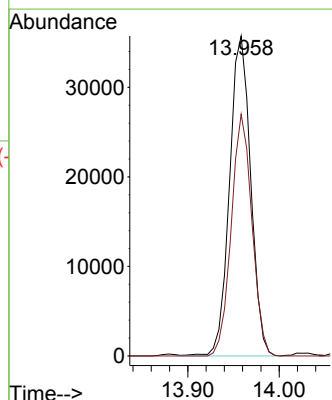
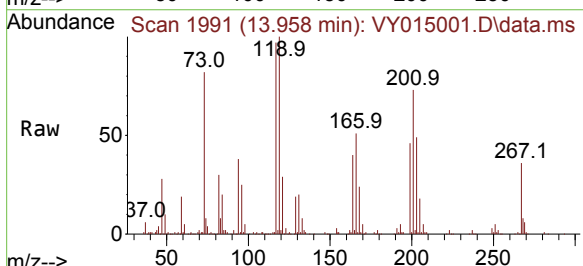
Acq: 09 Aug 2023 13:32

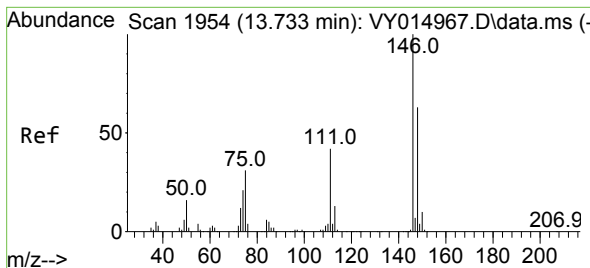
Tgt Ion: 117 Resp: 57425

Ion Ratio Lower Upper

117 100

201 73.9 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 18.576 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0809SBS01

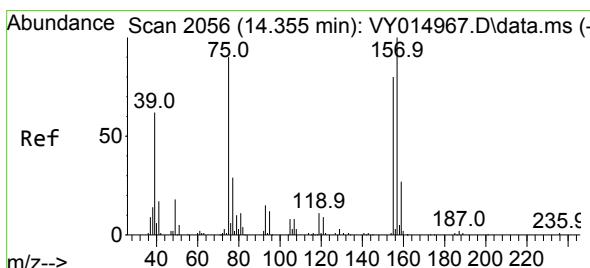
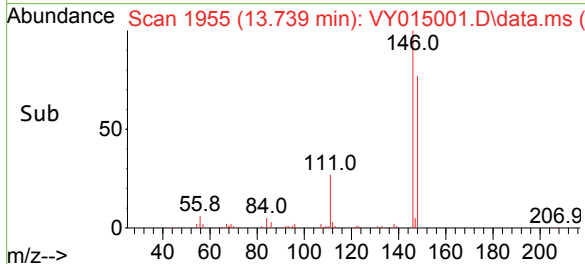
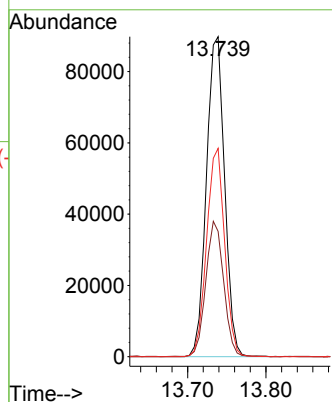
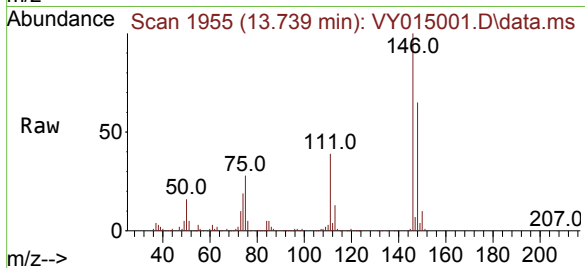
Tgt Ion:146 Resp: 144233

Ion Ratio Lower Upper

146 100

111 41.9 19.7 59.0

148 64.6 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.955 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

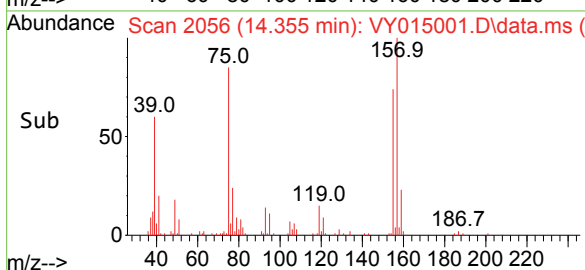
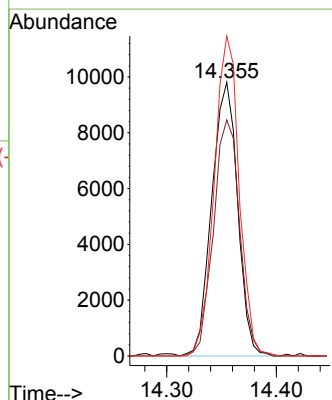
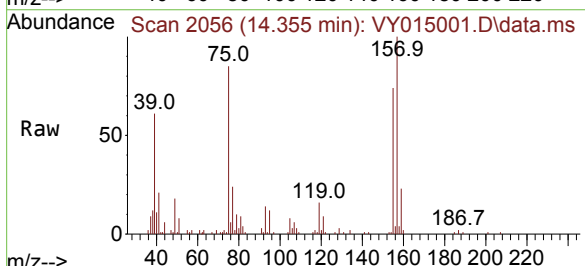
Tgt Ion: 75 Resp: 16026

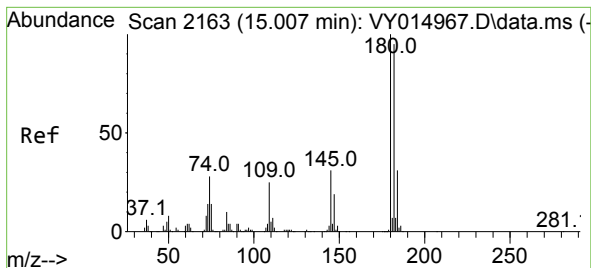
Ion Ratio Lower Upper

75 100

155 87.3 41.5 124.6

157 113.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 18.868 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0809SBS01

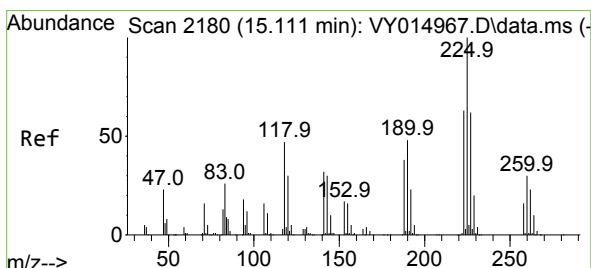
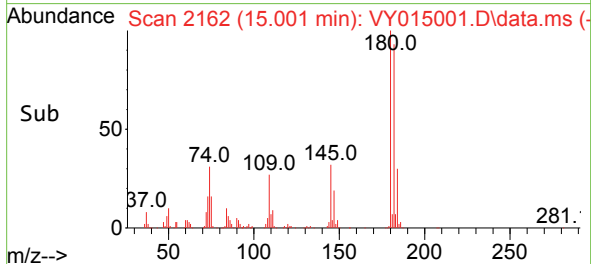
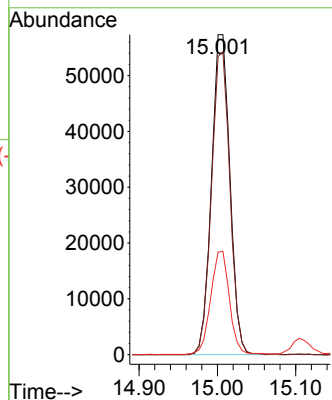
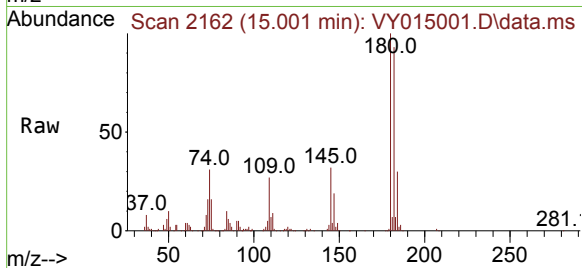
Tgt Ion:180 Resp: 93747

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.2

145 32.8 14.5 43.5



#94

Hexachlorobutadiene

Concen: 18.998 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

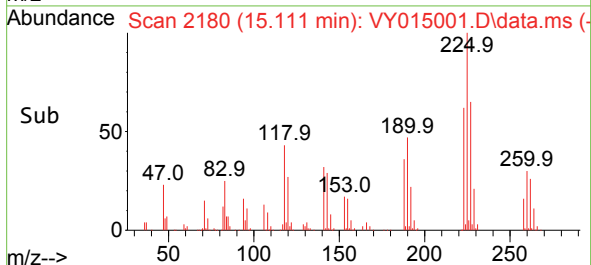
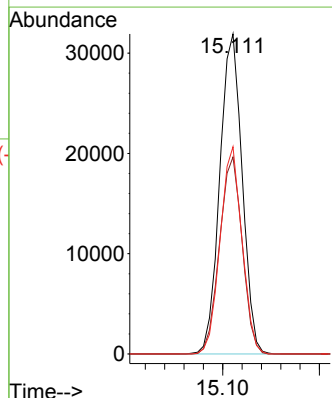
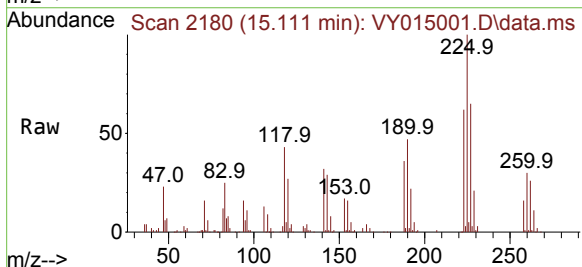
Tgt Ion:225 Resp: 51185

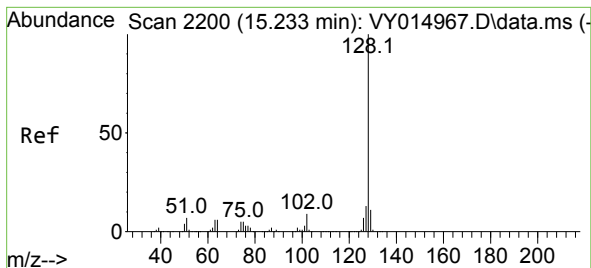
Ion Ratio Lower Upper

225 100

223 62.1 31.9 95.9

227 63.0 33.0 98.9





#95

Naphthalene

Concen: 19.463 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0809SBS01

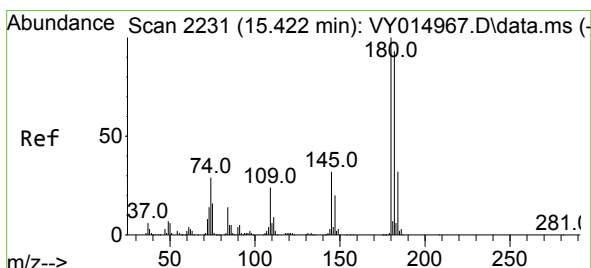
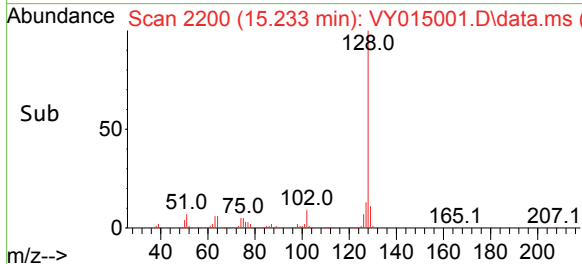
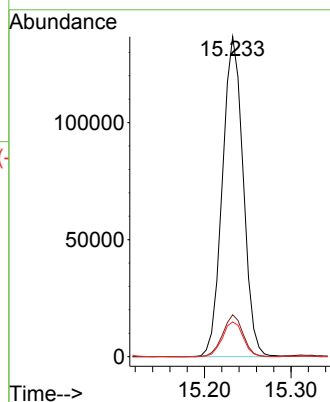
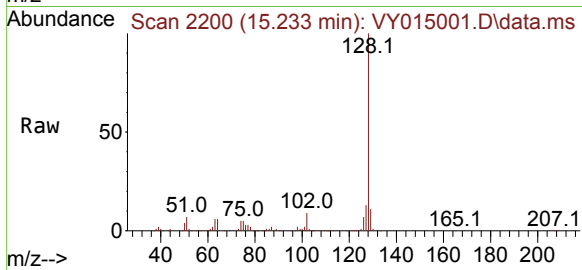
Tgt Ion:128 Resp: 227540

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.955 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015001.D

Acq: 09 Aug 2023 13:32

Tgt Ion:180 Resp: 85248

Ion Ratio Lower Upper

180 100

182 93.4 47.3 141.8

145 32.8 15.4 46.2

