

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
 Data File : VY015320.D
 Acq On : 24 Aug 2023 18:27
 Operator : SY/MD
 Sample : 04014-03MSD
 Misc : 4.71g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 25 03:23:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	169173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	279041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	251400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	144077	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	110479	54.403	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.800%	
35) Dibromofluoromethane	7.716	113	97549	54.340	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.680%	
50) Toluene-d8	10.179	98	350268	52.415	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.820%	
62) 4-Bromofluorobenzene	12.477	95	131555	53.898	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.800%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	33005	45.061	ug/l	93
3) Chloromethane	2.107	50	46029	45.192	ug/l	99
4) Vinyl Chloride	2.247	62	59427	44.145	ug/l	98
5) Bromomethane	2.644	94	45715	48.260	ug/l	100
6) Chloroethane	2.790	64	46519	47.597	ug/l	92
7) Trichlorofluoromethane	3.119	101	108351	47.768	ug/l	96
8) Diethyl Ether	3.528	74	44241	49.732	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	67830	48.115	ug/l	97
10) Methyl Iodide	4.088	142	63657	45.986	ug/l	98
11) Tert butyl alcohol	4.978	59	67689	199.160	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	55373	47.039	ug/l	92
13) Acrolein	3.729	56	15782	85.937	ug/l	99
14) Allyl chloride	4.472	41	97345	46.641	ug/l	97
15) Acrylonitrile	5.161	53	146360	242.774	ug/l	99
16) Acetone	3.954	43	172725	260.356	ug/l	96
17) Carbon Disulfide	4.192	76	84727	40.898	ug/l	98
18) Methyl Acetate	4.479	43	128867	53.007	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	255543	51.054	ug/l	99
20) Methylene Chloride	4.710	84	113499	73.374	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	60728	45.735	ug/l	98
22) Diisopropyl ether	6.119	45	260954	50.108	ug/l	92
23) Vinyl Acetate	6.058	43	657927	211.724	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	137444	48.748	ug/l	97
25) 2-Butanone	6.990	43	229108	243.906	ug/l	96
26) 2,2-Dichloropropane	6.978	77	121534	44.714	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	89043	49.091	ug/l	93
28) Bromochloromethane	7.332	49	63085	48.701	ug/l	93
29) Tetrahydrofuran	7.350	42	132483	235.875	ug/l	91
30) Chloroform	7.502	83	158842	50.255	ug/l	96
31) Cyclohexane	7.783	56	82995	45.526	ug/l	89
32) 1,1,1-Trichloroethane	7.697	97	133239	49.539	ug/l	98
36) 1,1-Dichloropropene	7.917	75	93327	46.992	ug/l	99
37) Ethyl Acetate	7.076	43	87344	47.182	ug/l	96
38) Carbon Tetrachloride	7.899	117	112498	47.862	ug/l	96
39) Methylcyclohexane	9.185	83	99516	44.698	ug/l	93
40) Benzene	8.161	78	336941	56.115	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	43657	45.734	ug/l	92
42) 1,2-Dichloroethane	8.234	62	108158	49.599	ug/l	96
43) Isopropyl Acetate	8.271	43	161003	47.759	ug/l	98
44) Trichloroethene	8.935	130	86502	50.005	ug/l	98
45) 1,2-Dichloropropane	9.216	63	83331	49.216	ug/l	96
46) Dibromomethane	9.301	93	52954	49.588	ug/l	97
47) Bromodichloromethane	9.496	83	129162	50.686	ug/l	100
48) Methyl methacrylate	9.295	41	70976	49.217	ug/l	92
49) 1,4-Dioxane	9.307	88	20422	956.349	ug/l #	54
51) 4-Methyl-2-Pentanone	10.069	43	496647	254.196	ug/l	94
52) Toluene	10.240	92	207702	52.482	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	126456	47.219	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	135409	48.010	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	81069	49.927	ug/l	97
56) Ethyl methacrylate	10.508	69	117803	49.573	ug/l	90
57) 1,3-Dichloropropane	10.788	76	132119	49.803	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	259930	235.042	ug/l	93
59) 2-Hexanone	10.831	43	370710	256.366	ug/l	92
60) Dibromochloromethane	10.983	129	97331	50.251	ug/l	99
61) 1,2-Dibromoethane	11.087	107	75538	48.971	ug/l	100
64) Tetrachloroethene	10.721	164	106951	61.063	ug/l	97
65) Chlorobenzene	11.514	112	222439	48.562	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	95279	51.264	ug/l	99
67) Ethyl Benzene	11.593	91	469626	58.516	ug/l	99
68) m/p-Xylenes	11.703	106	302495	99.240	ug/l	97
69) o-Xylene	12.026	106	155290	51.141	ug/l	98
70) Styrene	12.044	104	266999	50.804	ug/l	98
71) Bromoform	12.209	173	67179	49.862	ug/l #	99
73) Isopropylbenzene	12.331	105	418212	45.141	ug/l	100
74) N-amyl acetate	12.142	43	143578	42.923	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	106796	44.260	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	138764	79.274	ug/l #	100
77) Bromobenzene	12.605	156	99966	44.266	ug/l	97
78) n-propylbenzene	12.672	91	483352	43.935	ug/l	99
79) 2-Chlorotoluene	12.758	91	281009	44.277	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	343952	44.538	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	32433	40.698	ug/l	96
82) 4-Chlorotoluene	12.855	91	288392	43.983	ug/l	100
83) tert-Butylbenzene	13.075	119	318951	45.153	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	361860	46.891	ug/l	99
85) sec-Butylbenzene	13.251	105	460273	44.471	ug/l	99
86) p-Isopropyltoluene	13.367	119	383838	44.731	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	197739	44.146	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	195698	43.560	ug/l	99
89) n-Butylbenzene	13.696	91	357662	44.207	ug/l	96
90) Hexachloroethane	13.959	117	74906	44.002	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	190539	45.536	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	22569	48.284	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	121111	45.084	ug/l	99
94) Hexachlorobutadiene	15.111	225	61990	42.423	ug/l	97
95) Naphthalene	15.233	128	1073592	160.432	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	110390	45.501	ug/l	98

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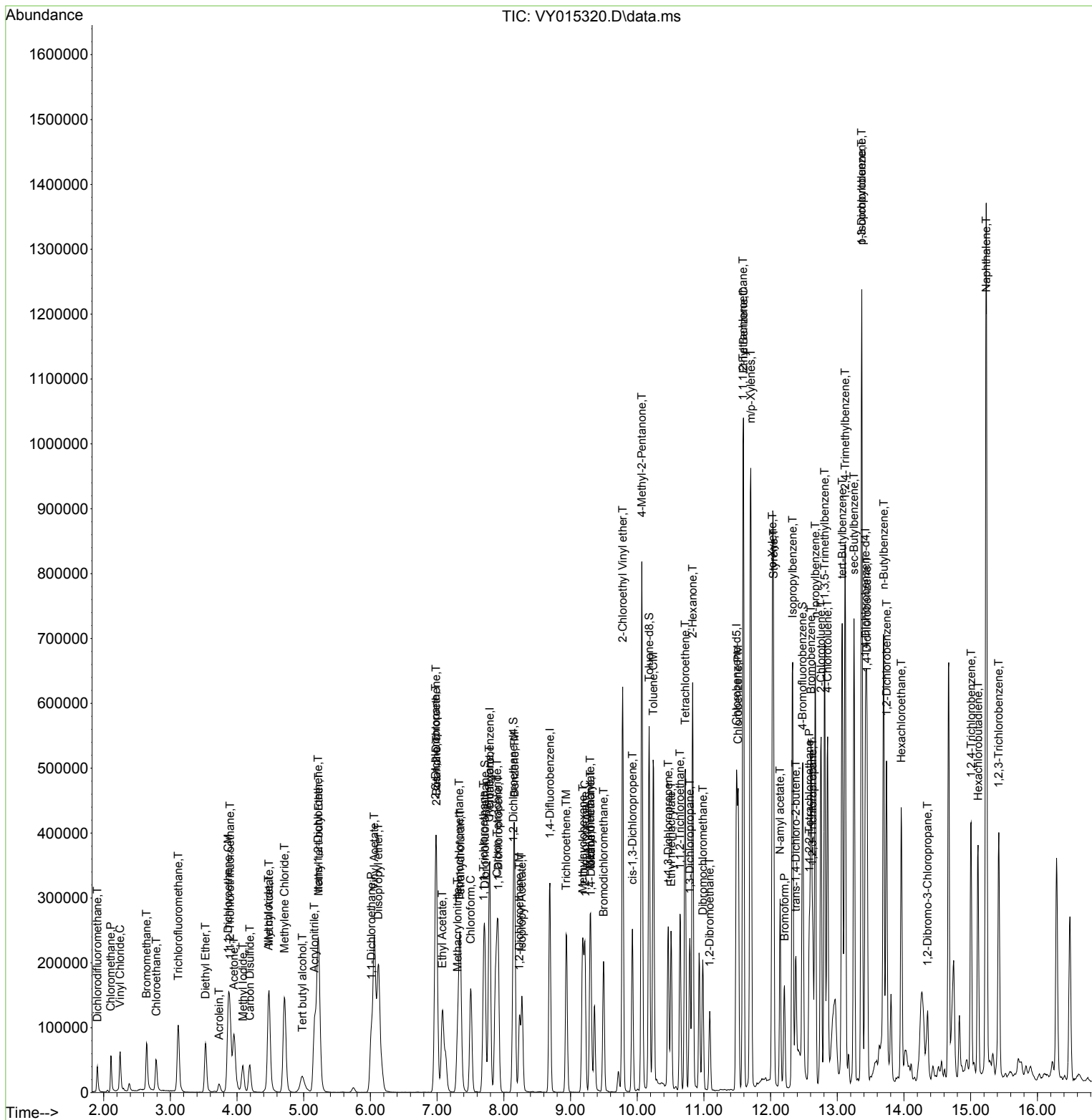
Instrument :
MSVOA_Y
ClientSampleId :

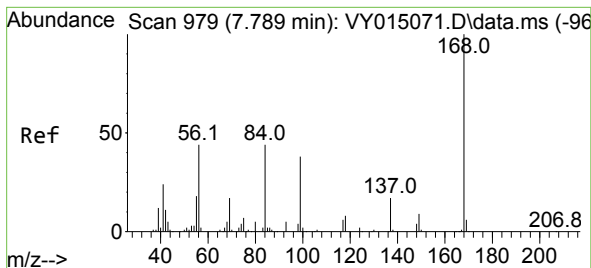
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY015320.D

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Instrument :

MSVOA_Y

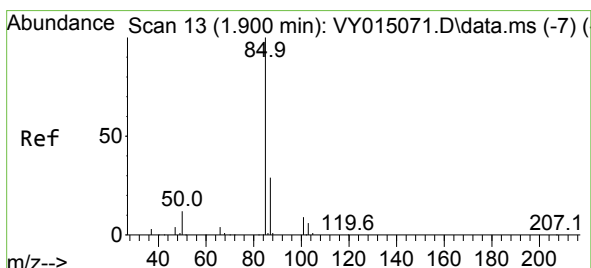
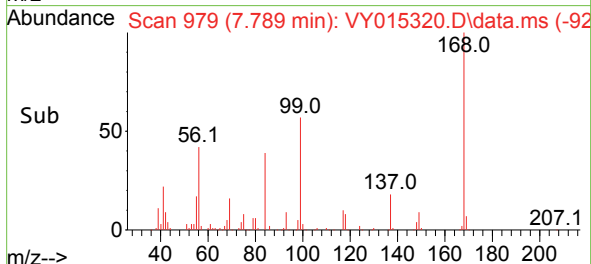
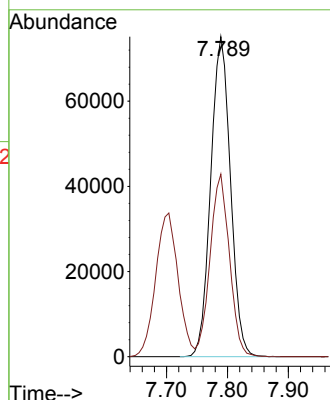
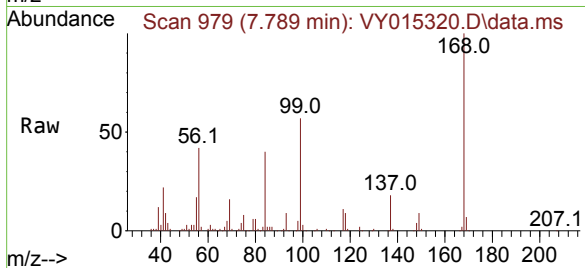
ClientSampleId :

Tgt Ion:168 Resp: 169173

Ion Ratio Lower Upper

168 100

99 57.1 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 45.061 ug/l

RT: 1.906 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY015320.D

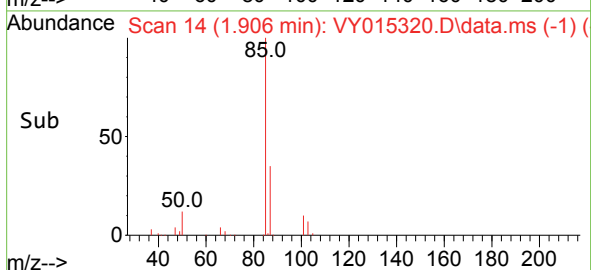
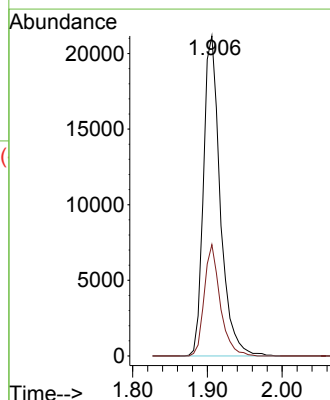
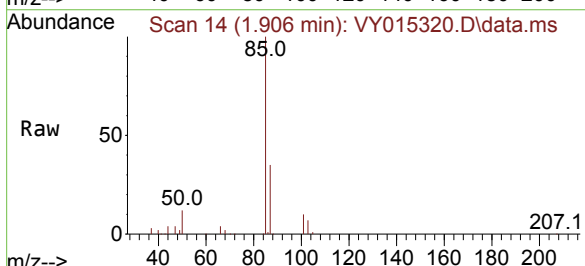
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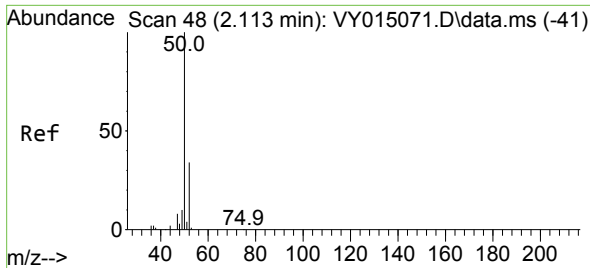
Tgt Ion: 85 Resp: 33005

Ion Ratio Lower Upper

85 100

87 34.8 15.6 46.8

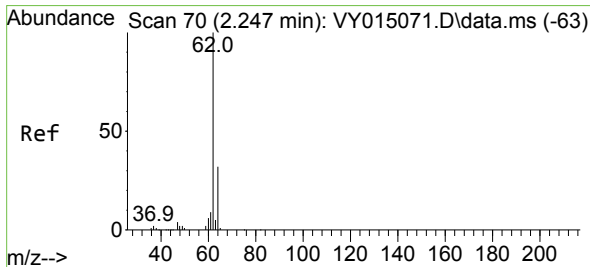
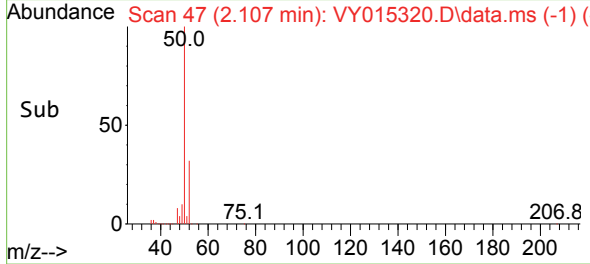
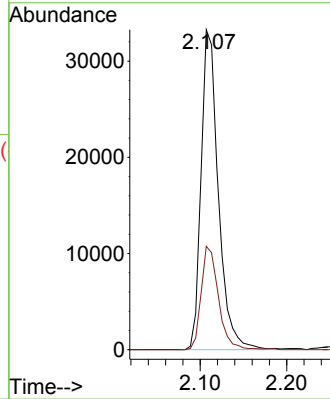
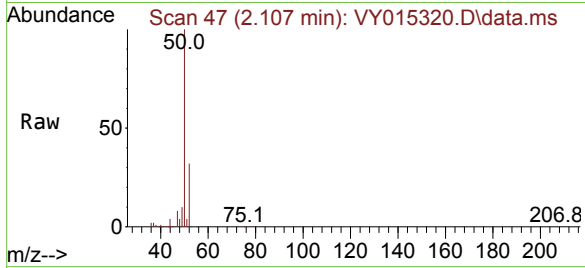




#3
Chloromethane
Concen: 45.192 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

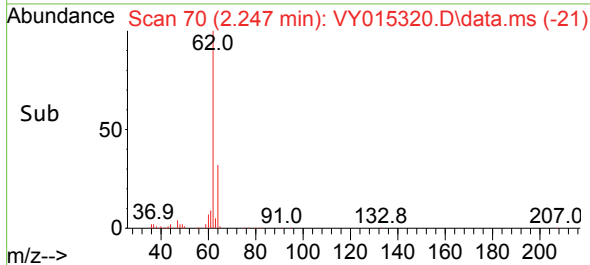
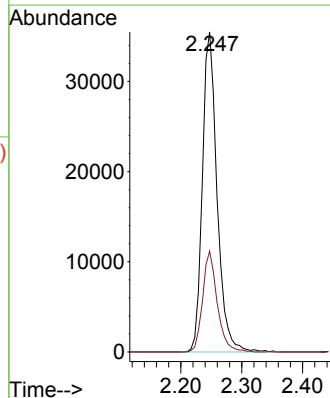
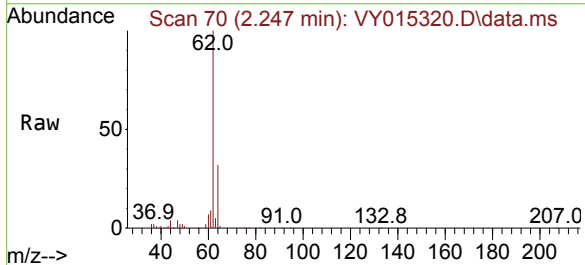
Instrument :
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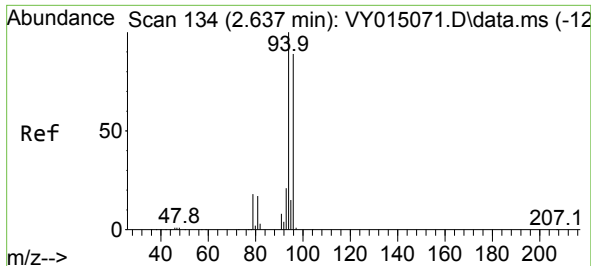
Tgt Ion: 50 Resp: 46029
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.2



#4
Vinyl Chloride
Concen: 44.145 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

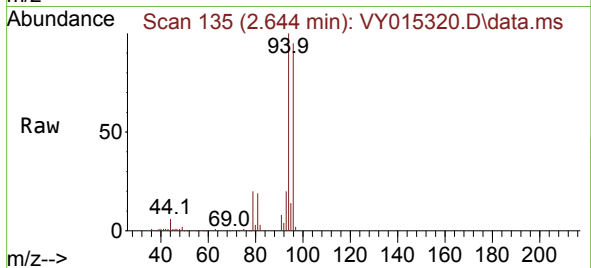
Tgt Ion: 62 Resp: 59427
Ion Ratio Lower Upper
62 100
64 31.5 24.3 36.5



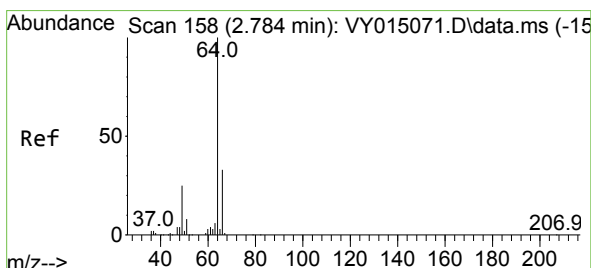
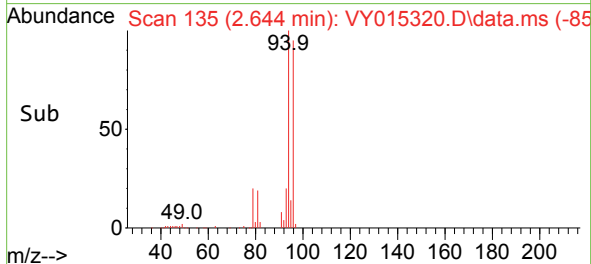
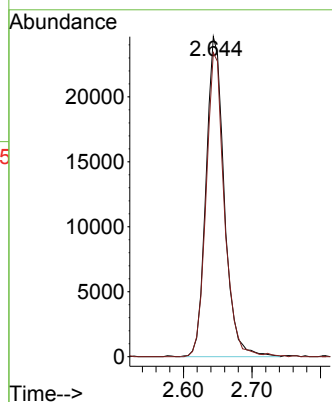


#5
Bromomethane
Concen: 48.260 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

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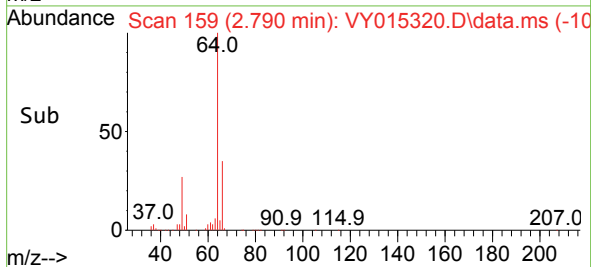
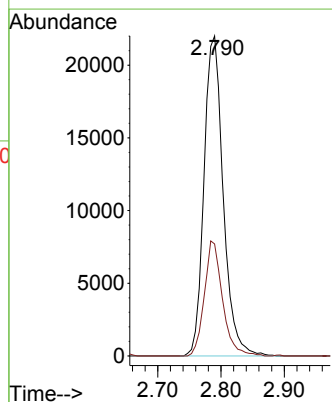
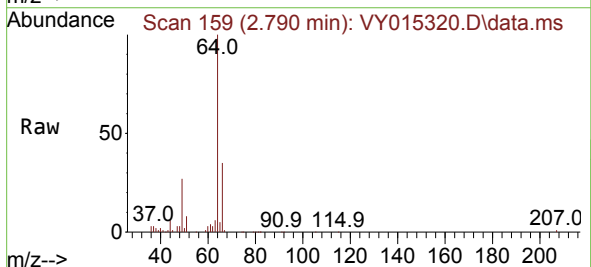


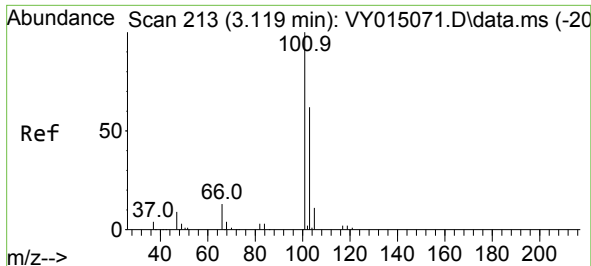
Tgt Ion: 94 Resp: 45715
Ion Ratio Lower Upper
94 100
96 95.0 75.8 113.6



#6
Chloroethane
Concen: 47.597 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

Tgt Ion: 64 Resp: 46519
Ion Ratio Lower Upper
64 100
66 35.0 24.4 36.6

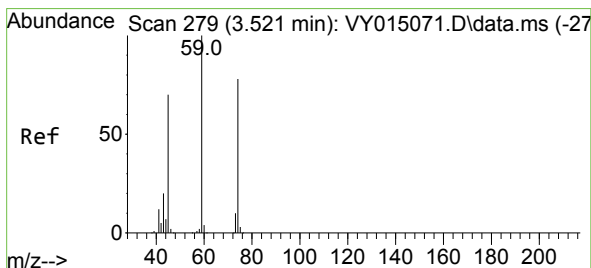
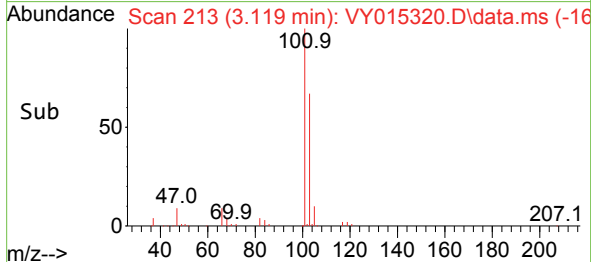
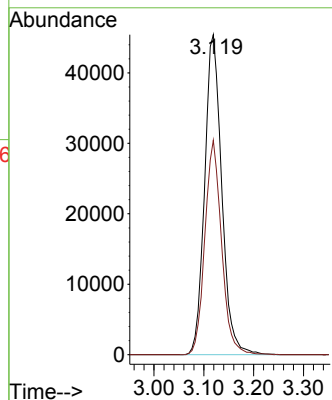
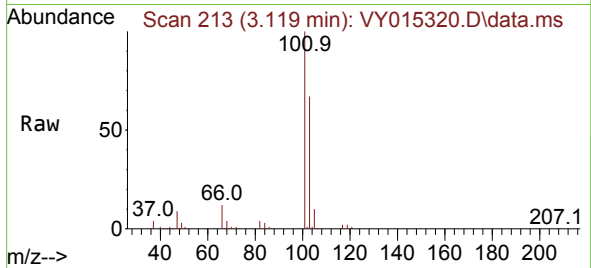




#7
 Trichlorofluoromethane
 Concen: 47.768 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VY015320.D
 Acq: 24 Aug 2023 18:27

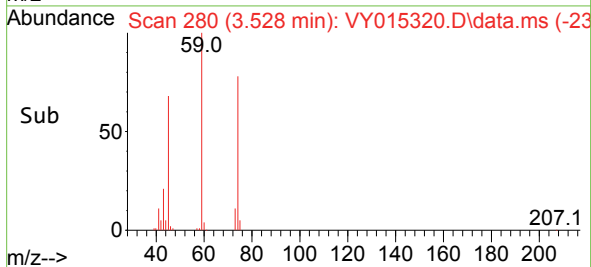
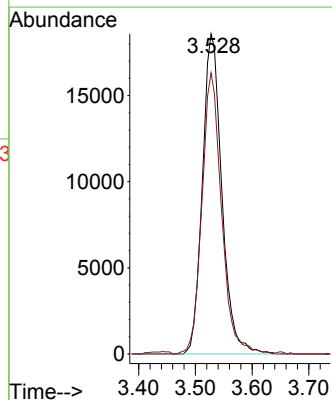
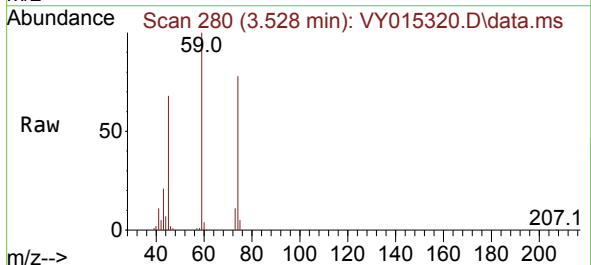
Instrument :
 MSVOA_Y
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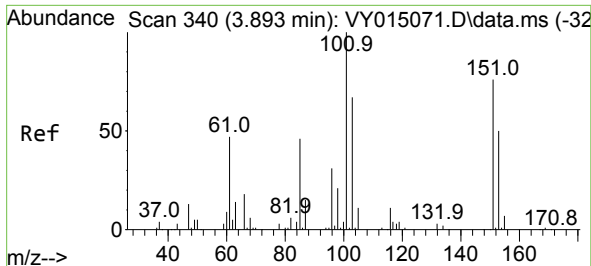
Tgt Ion:101 Resp: 108351
 Ion Ratio Lower Upper
 101 100
 103 67.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 49.732 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY015320.D
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Tgt Ion: 74 Resp: 44241
 Ion Ratio Lower Upper
 74 100
 45 88.8 51.5 154.5

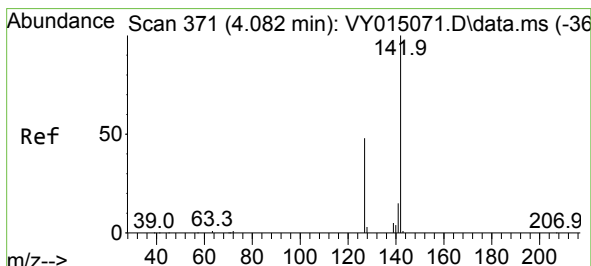
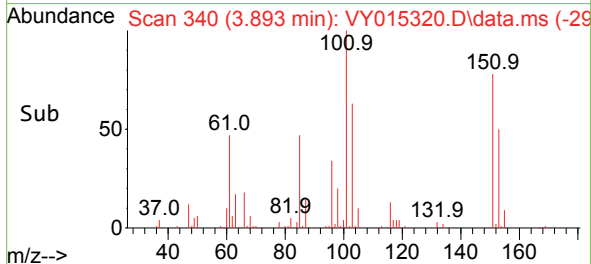
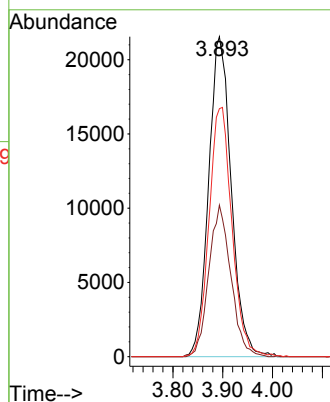
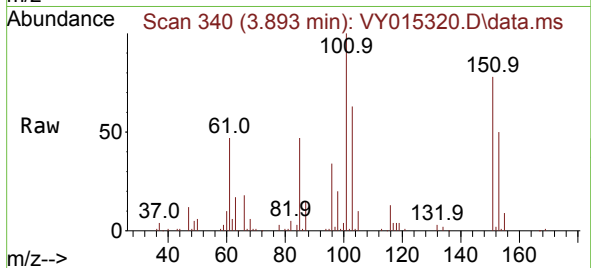




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.115 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

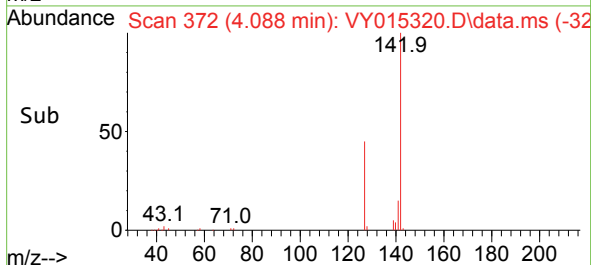
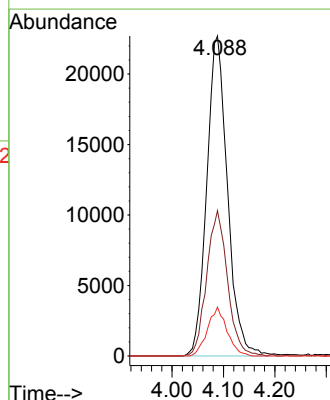
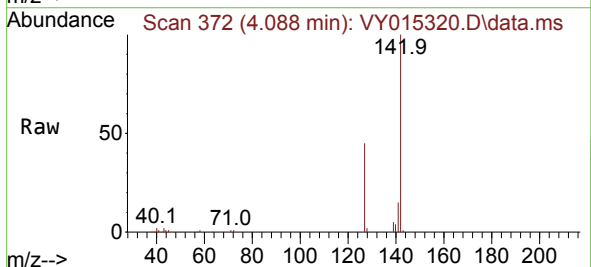
Instrument :
MSVOA_Y
ClientSampleId :

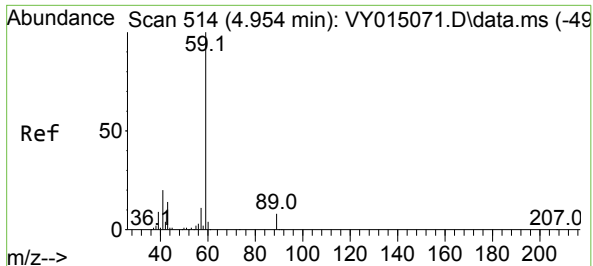
Tgt Ion:101 Resp: 67830
Ion Ratio Lower Upper
101 100
85 46.1 36.6 55.0
151 79.3 67.0 100.6



#10
Methyl Iodide
Concen: 45.986 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

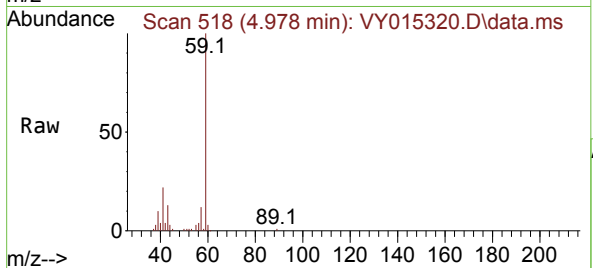
Tgt Ion:142 Resp: 63657
Ion Ratio Lower Upper
142 100
127 45.5 37.6 56.4
141 14.3 11.8 17.8



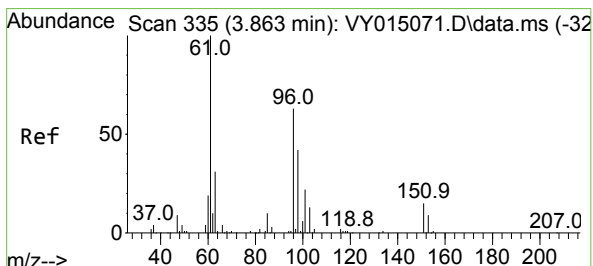
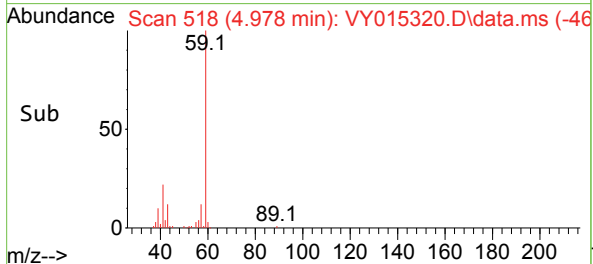
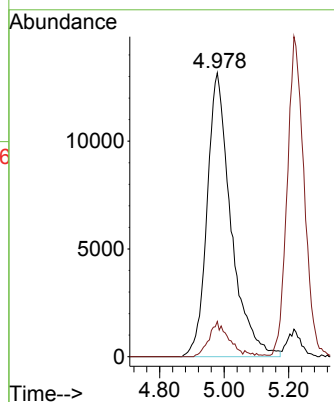


#11
Tert butyl alcohol
Concen: 199.160 ug/l
RT: 4.978 min Scan# 514
Delta R.T. 0.030 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

Instrument :
MSVOA_Y
ClientSampleId :

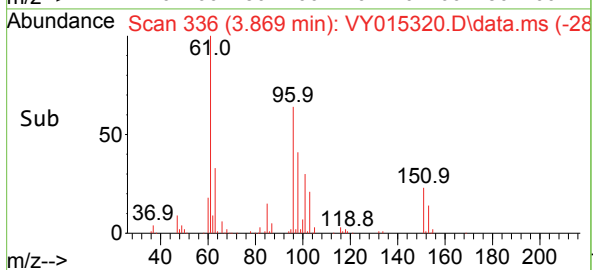
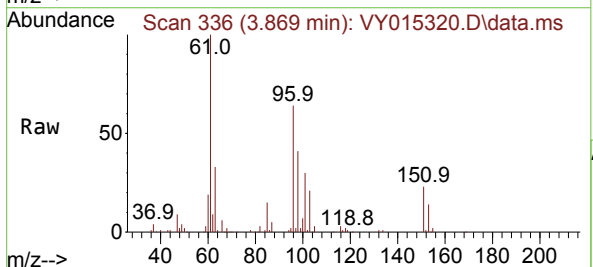
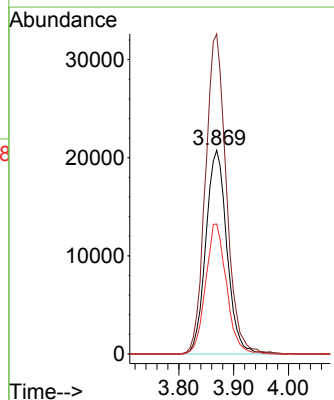


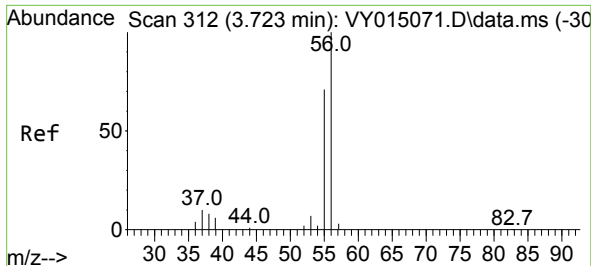
Tgt Ion: 59 Resp: 67689
Ion Ratio Lower Upper
59 100
57 9.9 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 47.039 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

Tgt Ion: 96 Resp: 55373
Ion Ratio Lower Upper
96 100
61 157.1 136.4 204.6
98 63.8 49.4 74.2

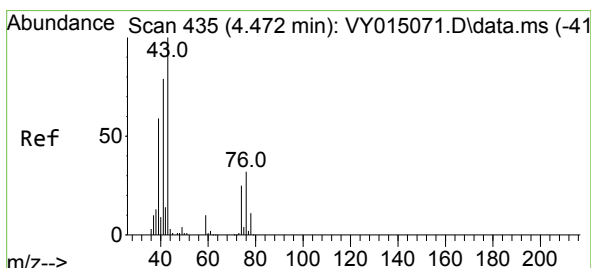
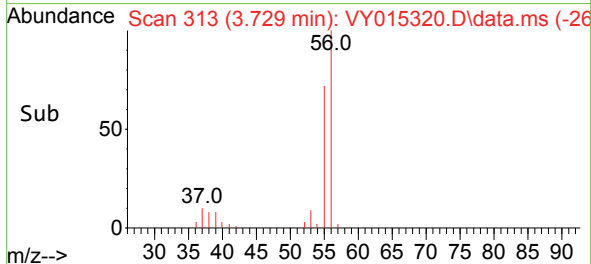
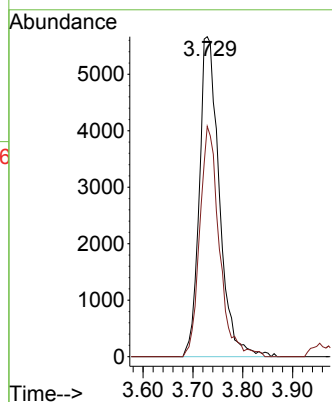
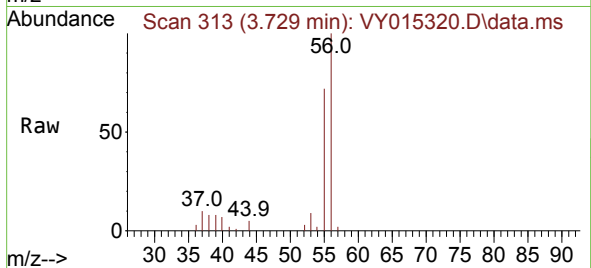




#13
Acrolein
Concen: 85.937 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

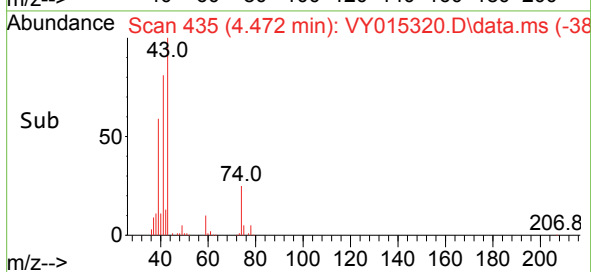
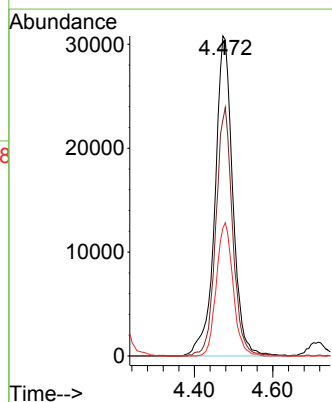
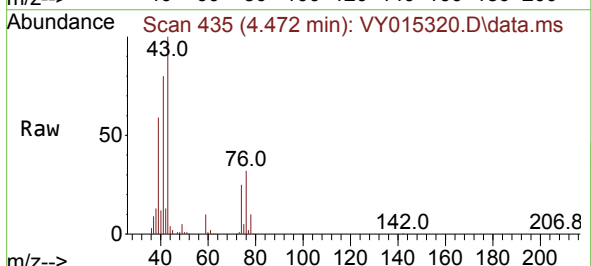
Instrument :
MSVOA_Y
ClientSampleId :

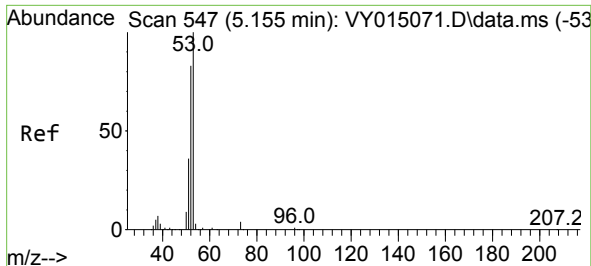
Tgt Ion: 56 Resp: 15782
Ion Ratio Lower Upper
56 100
55 70.3 57.0 85.4



#14
Allyl chloride
Concen: 46.641 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

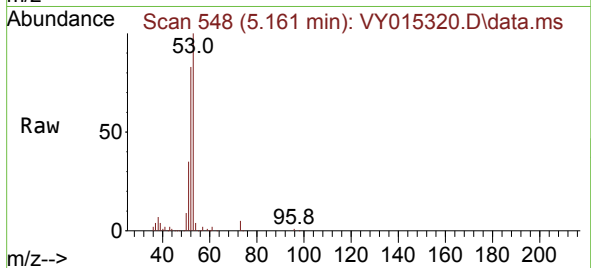
Tgt Ion: 41 Resp: 97345
Ion Ratio Lower Upper
41 100
39 72.9 58.0 87.0
76 39.0 27.4 41.2



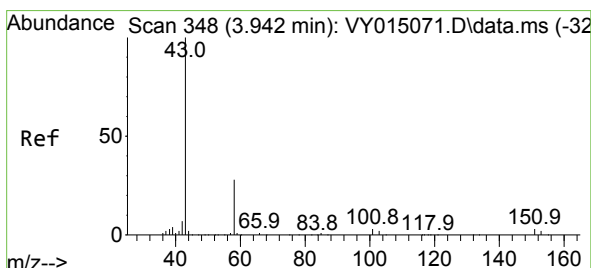
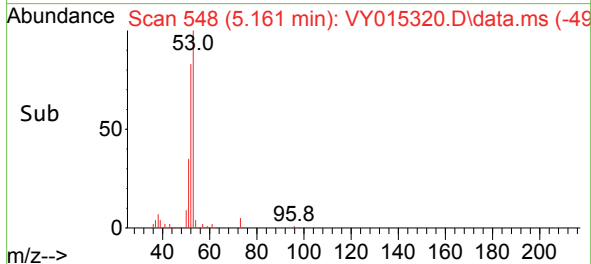
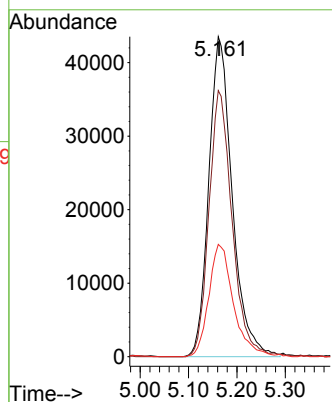


#15
Acrylonitrile
Concen: 242.774 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

Instrument :
MSVOA_Y
ClientSampleId :

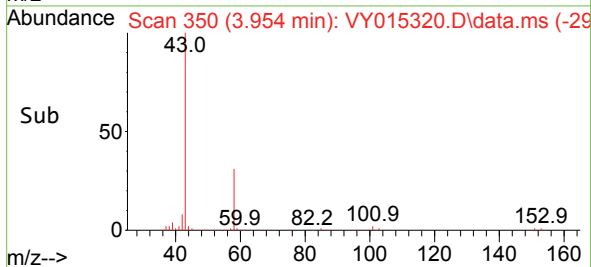
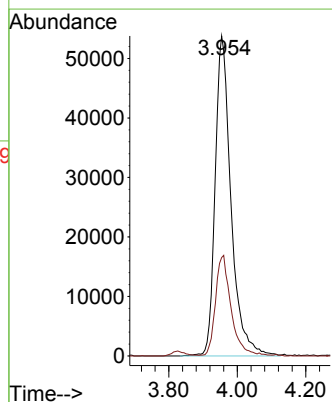
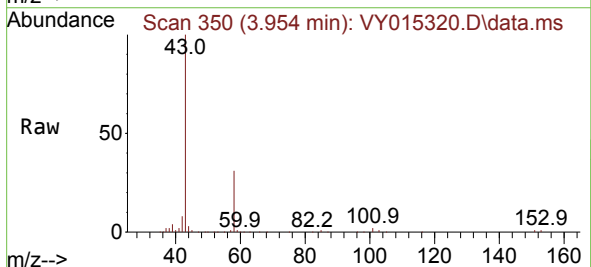


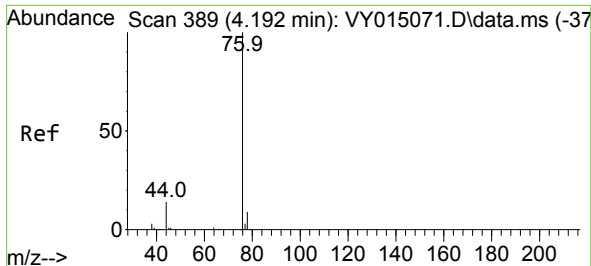
Tgt Ion: 53 Resp: 146360
Ion Ratio Lower Upper
53 100
52 82.4 66.9 100.3
51 36.9 29.8 44.6



#16
Acetone
Concen: 260.356 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

Tgt Ion: 43 Resp: 172725
Ion Ratio Lower Upper
43 100
58 30.5 22.7 34.1

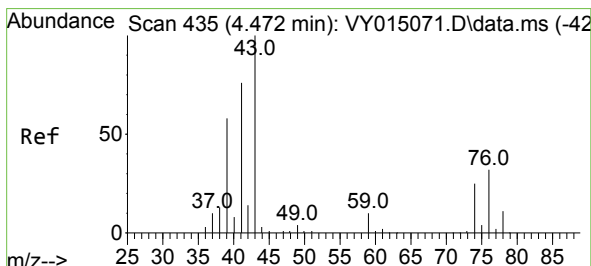
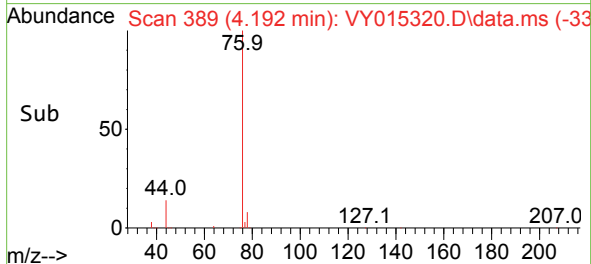
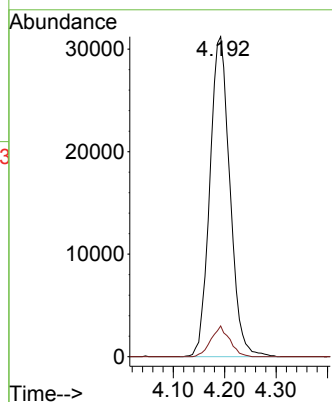
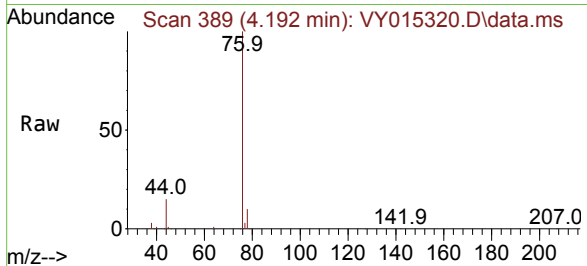




#17
Carbon Disulfide
Concen: 40.898 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

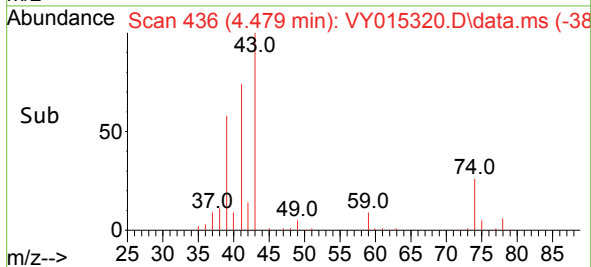
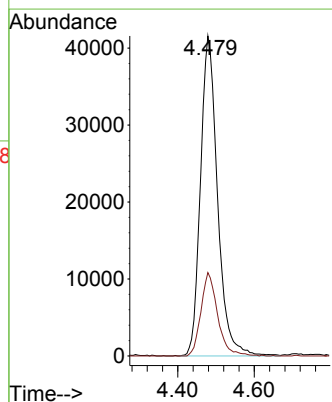
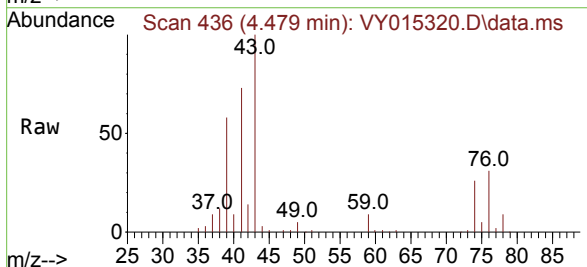
Instrument :
MSVOA_Y
ClientSampleId :

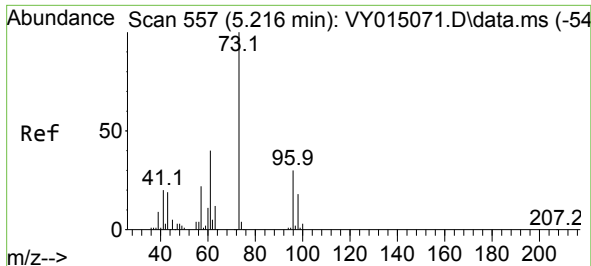
Tgt Ion: 76 Resp: 84727
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.4



#18
Methyl Acetate
Concen: 53.007 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.013 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

Tgt Ion: 43 Resp: 128867
Ion Ratio Lower Upper
43 100
74 25.5 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 51.054 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY015320.D

Acq: 24 Aug 2023 18:27

Instrument :

MSVOA_Y

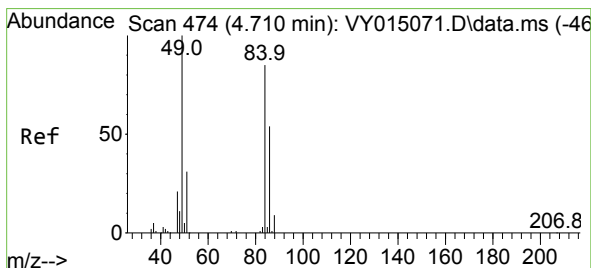
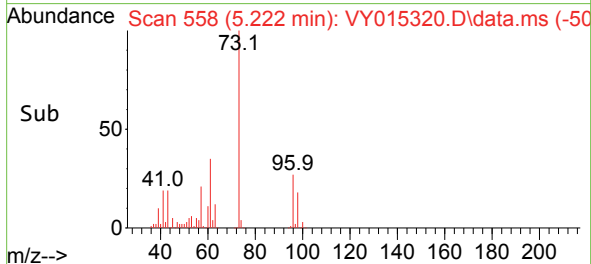
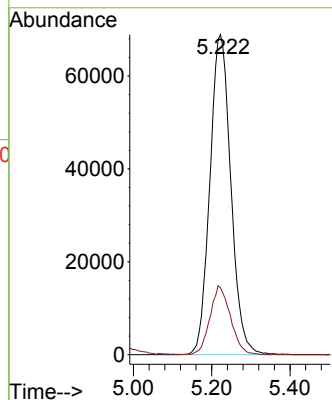
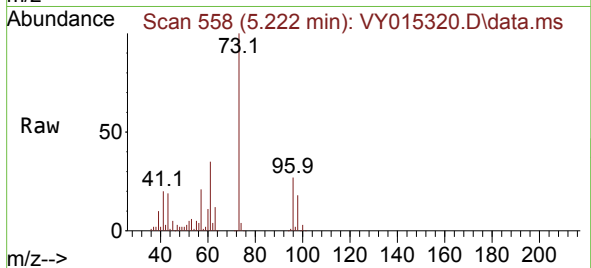
ClientSampleId :

Tgt Ion: 73 Resp: 255543

Ion Ratio Lower Upper

73 100

57 20.9 17.3 25.9



#20

Methylene Chloride

Concen: 73.374 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY015320.D

Acq: 24 Aug 2023 18:27

Tgt Ion: 84 Resp: 113499

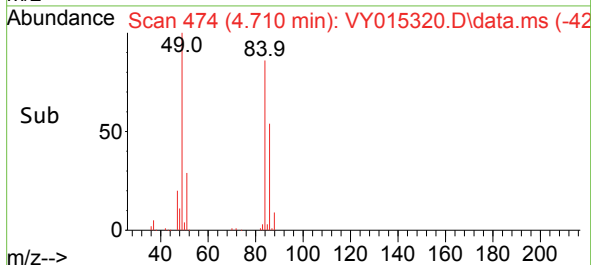
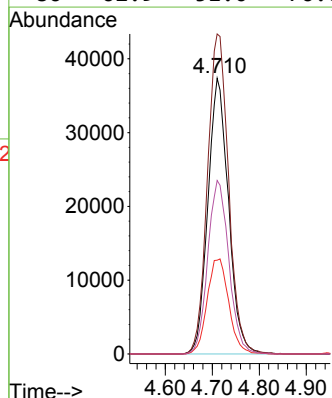
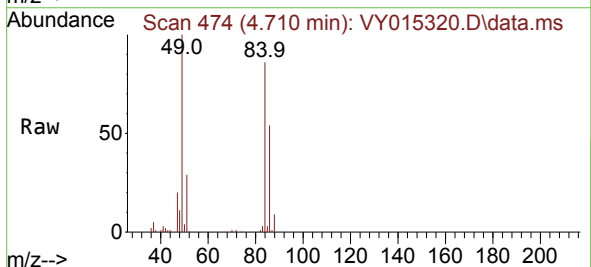
Ion Ratio Lower Upper

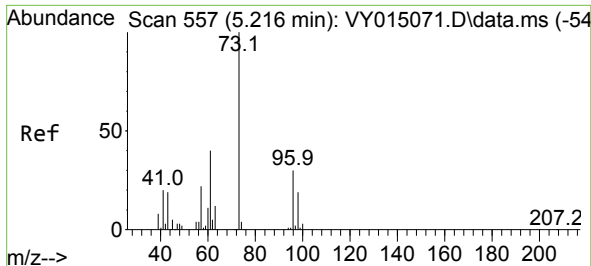
84 100

49 116.1 106.9 160.3

51 34.0 33.2 49.8

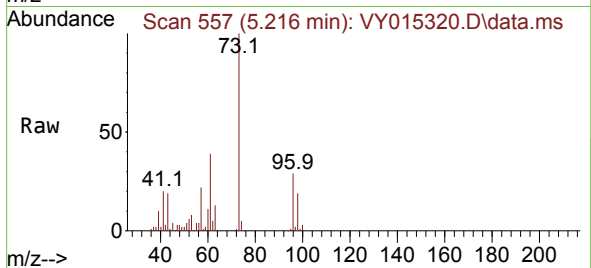
86 62.9 51.0 76.6



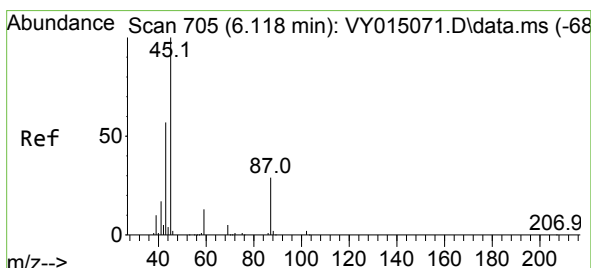
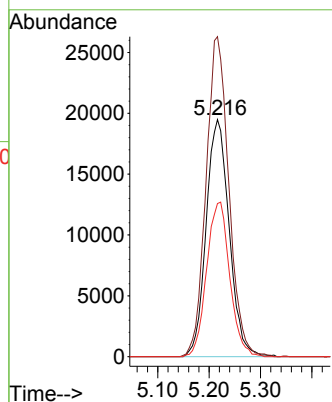
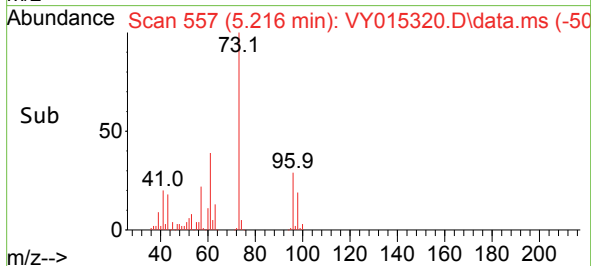


#21
trans-1,2-Dichloroethene
Concen: 45.735 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

Instrument :
MSVOA_Y
ClientSampleId :

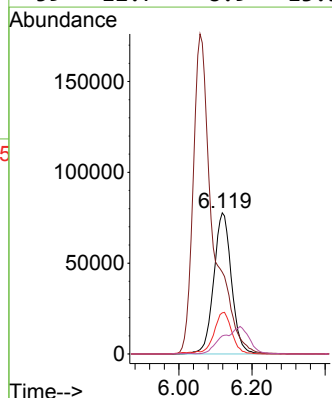
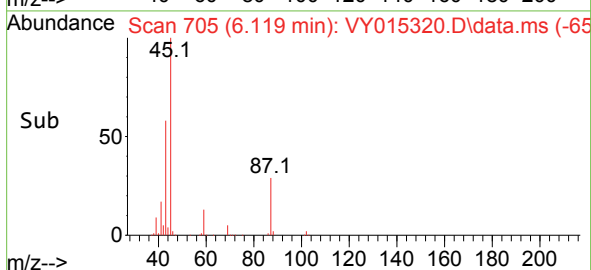
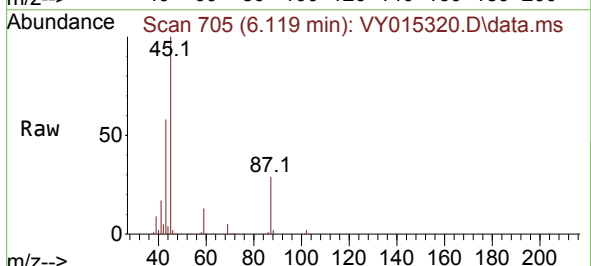


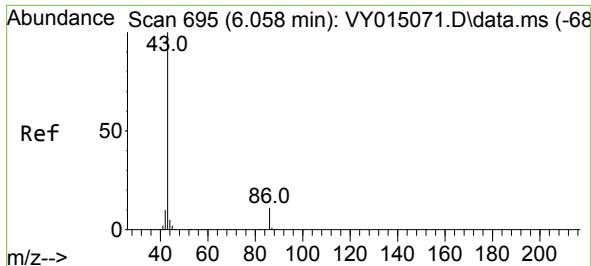
Tgt Ion: 96 Resp: 60728
Ion Ratio Lower Upper
96 100
61 135.0 110.2 165.4
98 64.6 51.8 77.6



#22
Diisopropyl ether
Concen: 50.108 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

Tgt Ion: 45 Resp: 260954
Ion Ratio Lower Upper
45 100
43 57.7 52.2 78.4
87 29.1 21.0 31.6
59 12.7 8.9 13.3

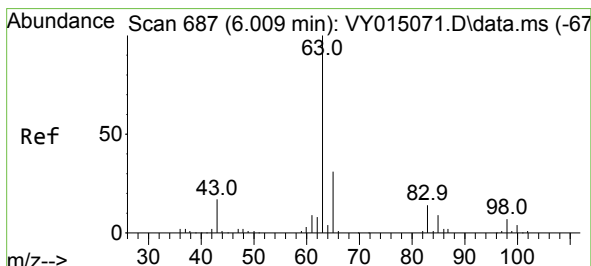
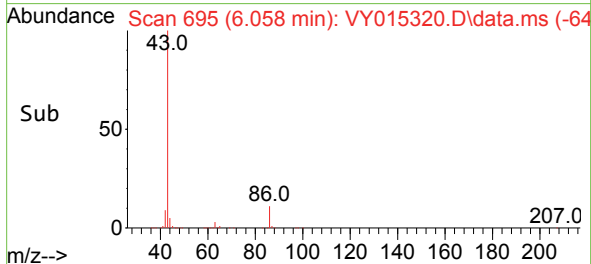
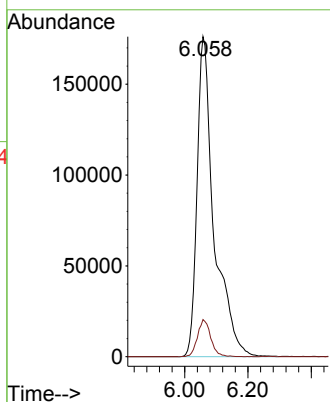
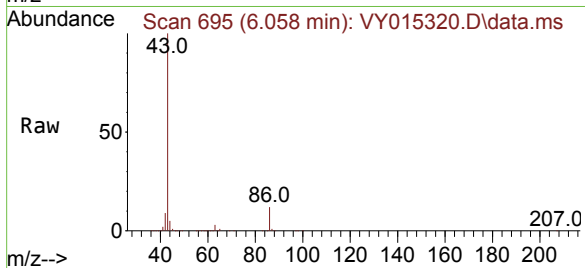




#23
 Vinyl Acetate
 Concen: 211.724 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY015320.D
 Acq: 24 Aug 2023 18:27

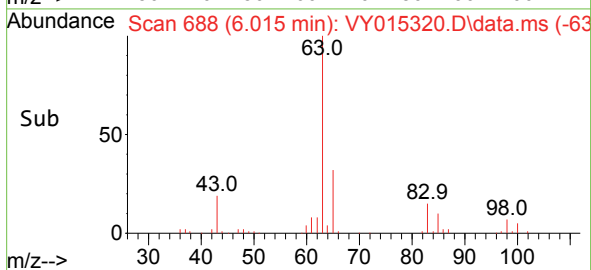
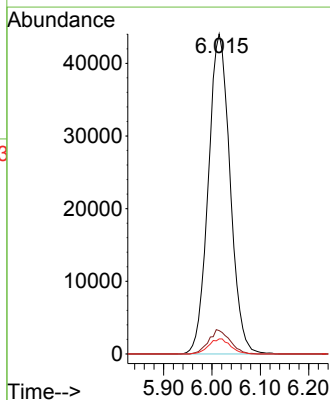
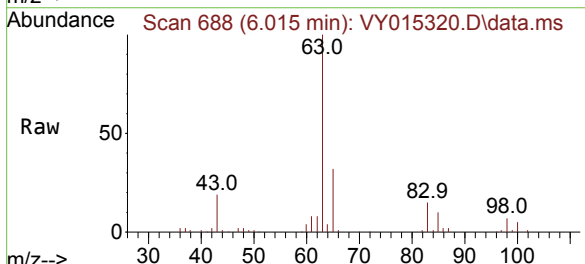
Instrument :
 MSVOA_Y
 ClientSampleId :

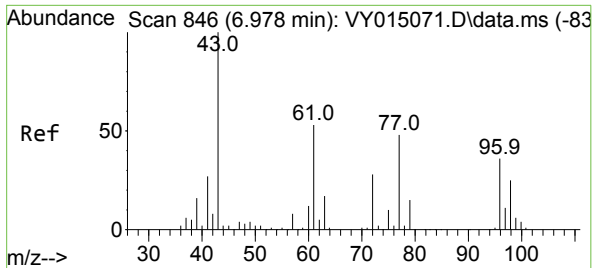
Tgt Ion: 43 Resp: 657927
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 48.748 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY015320.D
 Acq: 24 Aug 2023 18:27

Tgt Ion: 63 Resp: 137444
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.1 9.4
 100 4.7 1.8 5.5

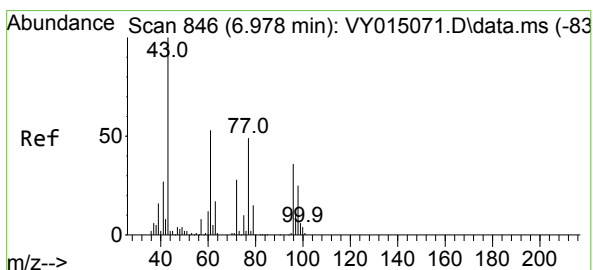
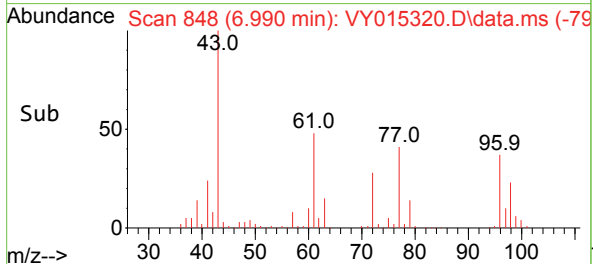
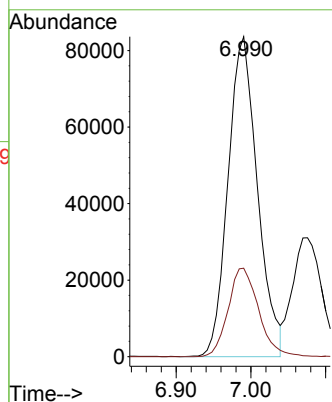
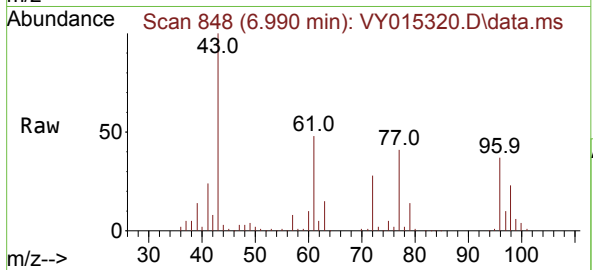




#25
2-Butanone
Concen: 243.906 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

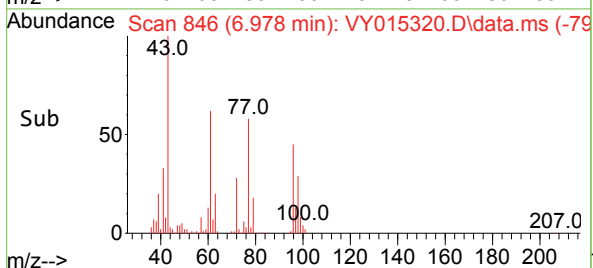
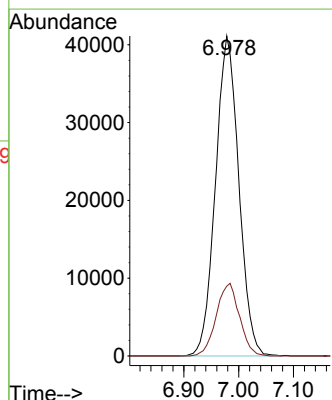
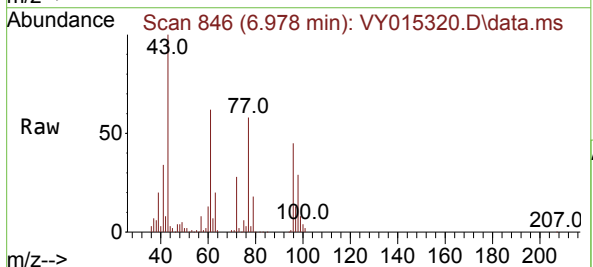
Instrument :
MSVOA_Y
ClientSampleId :

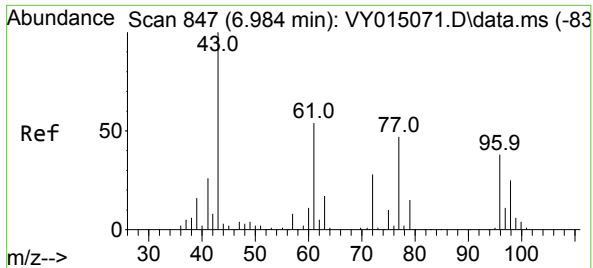
Tgt Ion: 43 Resp: 229108
Ion Ratio Lower Upper
43 100
72 27.7 20.5 30.7



#26
2,2-Dichloropropane
Concen: 44.714 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

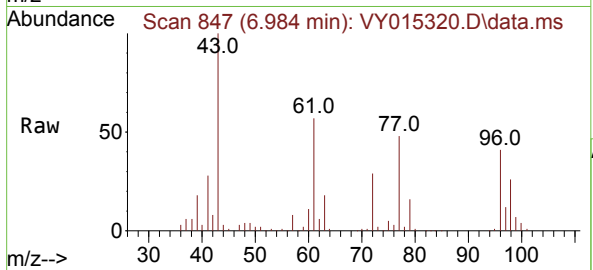
Tgt Ion: 77 Resp: 121534
Ion Ratio Lower Upper
77 100
97 22.6 10.9 32.9



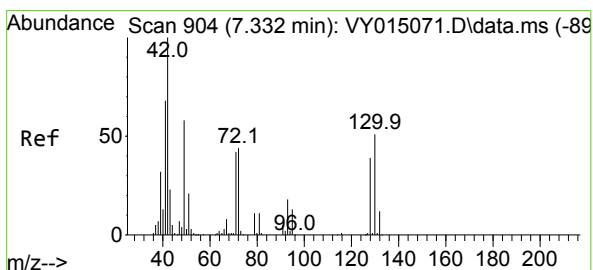
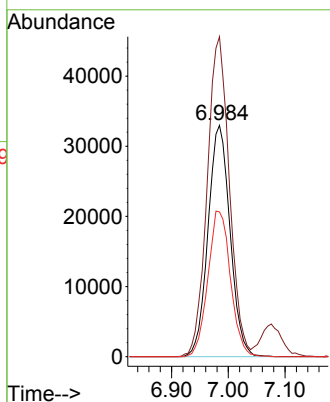
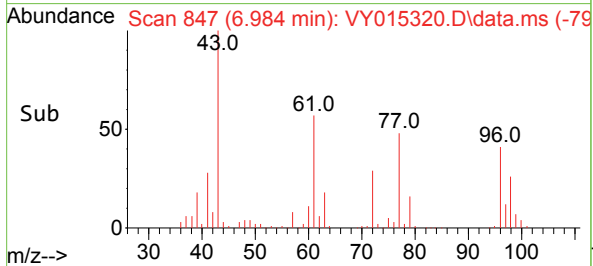


#27
 cis-1,2-Dichloroethene
 Concen: 49.091 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY015320.D
 Acq: 24 Aug 2023 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :

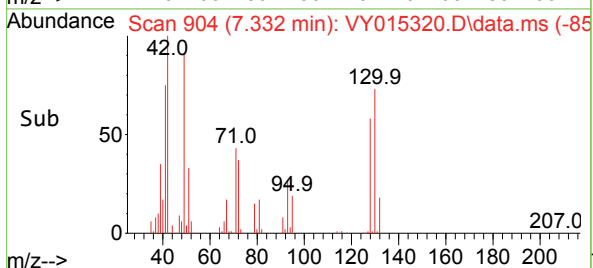
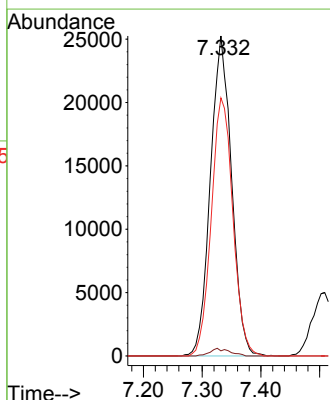
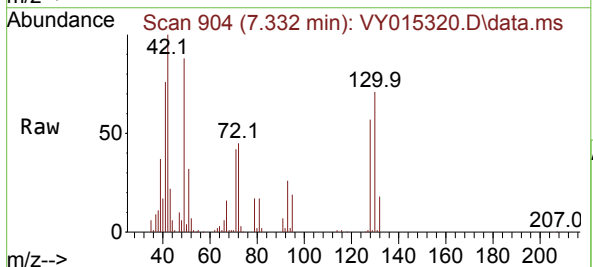


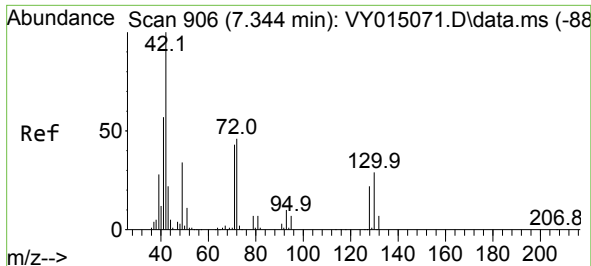
Tgt Ion: 96 Resp: 89043
 Ion Ratio Lower Upper
 96 100
 61 139.3 0.0 301.4
 98 64.5 0.0 130.4



#28
 Bromochloromethane
 Concen: 48.701 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY015320.D
 Acq: 24 Aug 2023 18:27

Tgt Ion: 49 Resp: 63085
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 82.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 235.875 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015320.D

Acq: 24 Aug 2023 18:27

Instrument :

MSVOA_Y

ClientSampleId :

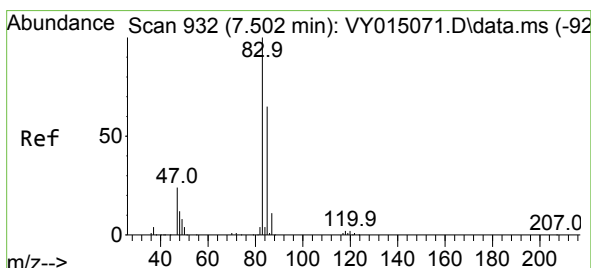
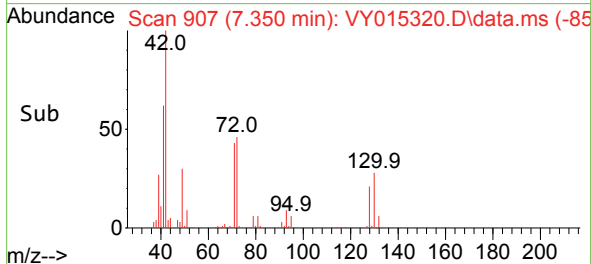
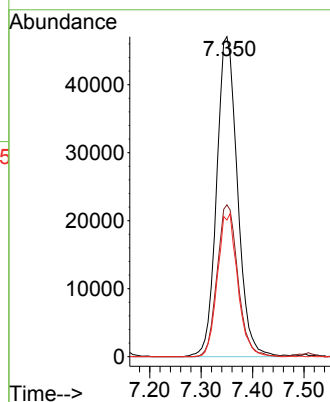
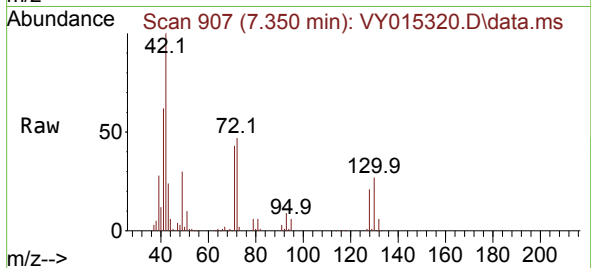
Tgt Ion: 42 Resp: 132483

Ion Ratio Lower Upper

42 100

72 47.3 32.8 49.2

71 43.5 31.0 46.4



#30

Chloroform

Concen: 50.255 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY015320.D

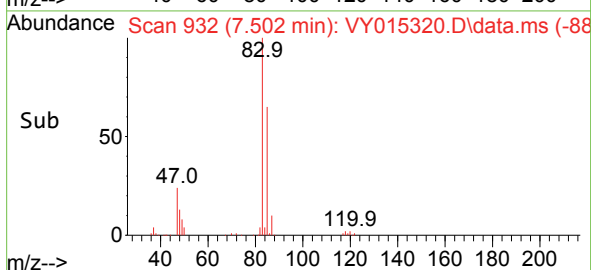
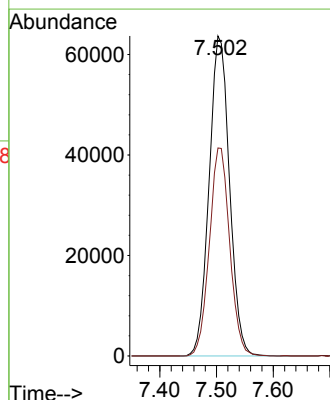
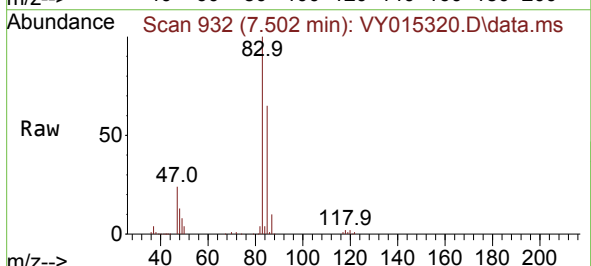
Acq: 24 Aug 2023 18:27

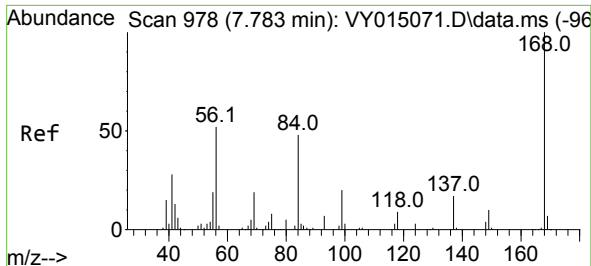
Tgt Ion: 83 Resp: 158842

Ion Ratio Lower Upper

83 100

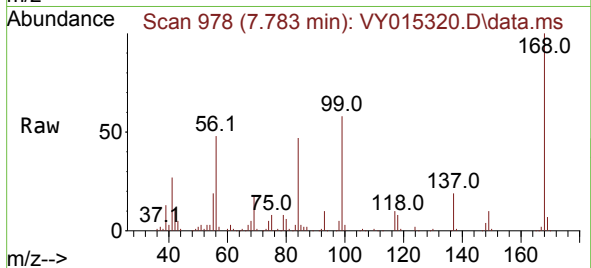
85 65.0 49.7 74.5



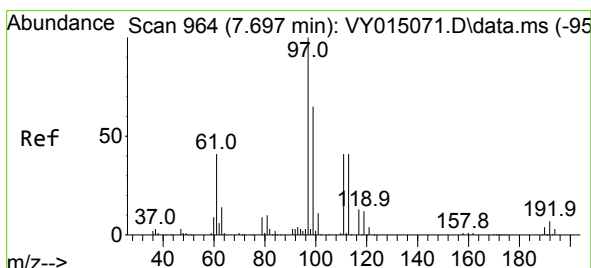
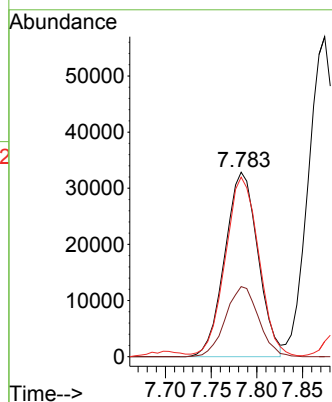
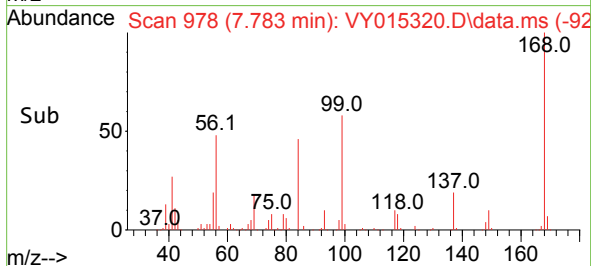


#31
Cyclohexane
Concen: 45.526 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

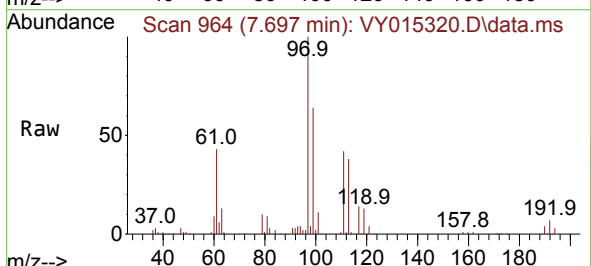
Instrument :
MSVOA_Y
ClientSampleId :



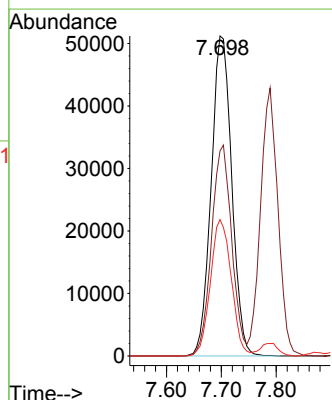
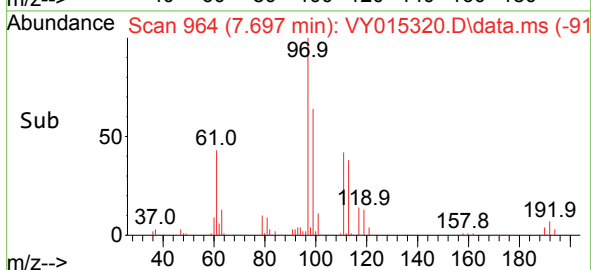
Tgt Ion: 56 Resp: 82995
Ion Ratio Lower Upper
56 100
69 37.9 27.8 41.6
84 95.3 66.4 99.6

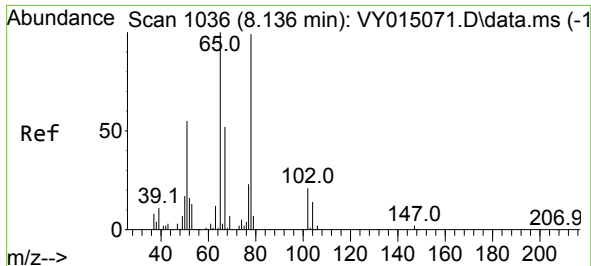


#32
1,1,1-Trichloroethane
Concen: 49.539 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27



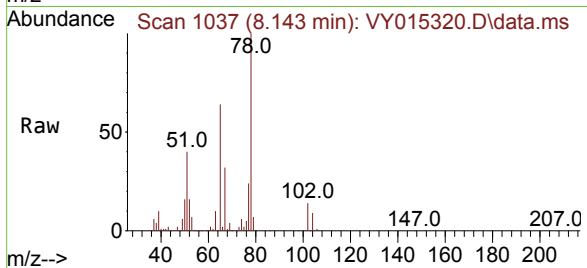
Tgt Ion: 97 Resp: 133239
Ion Ratio Lower Upper
97 100
99 65.0 50.8 76.2
61 43.2 35.1 52.7



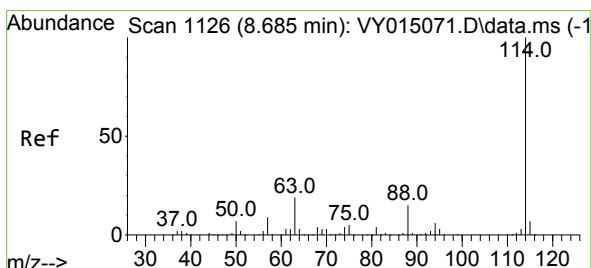
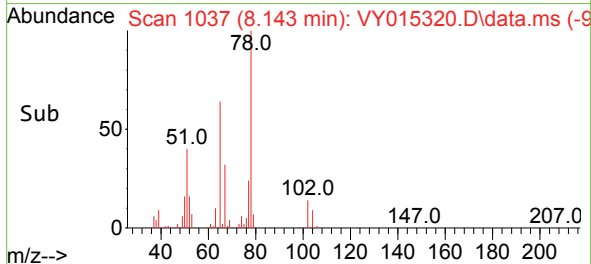
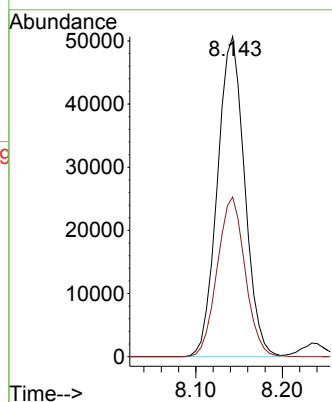


#33
 1,2-Dichloroethane-d4
 Concen: 54.403 ug/l
 RT: 8.143 min Scan# 110479
 Delta R.T. 0.006 min
 Lab File: VY015320.D
 Acq: 24 Aug 2023 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :

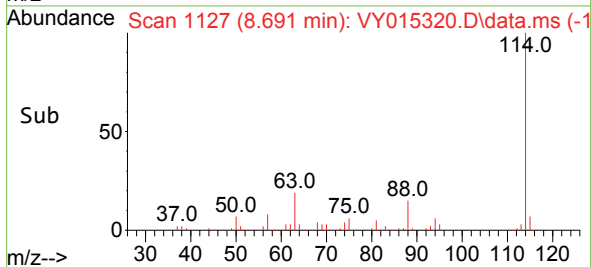
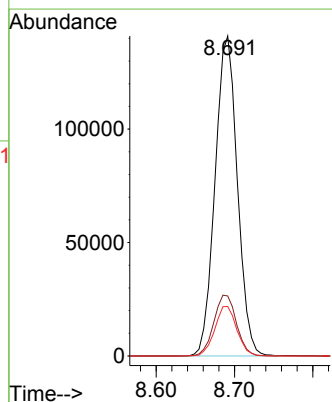
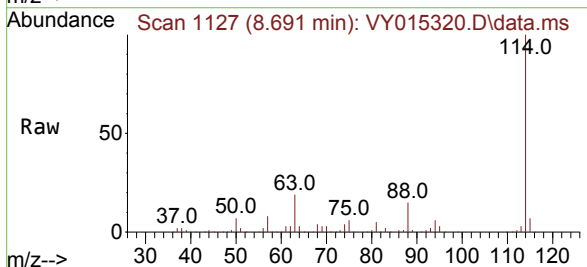


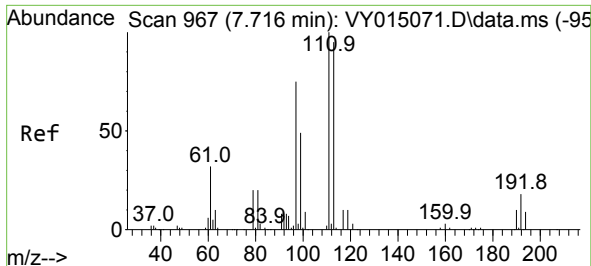
Tgt Ion: 65 Resp: 110479
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY015320.D
 Acq: 24 Aug 2023 18:27

Tgt Ion: 114 Resp: 279041
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 42.4
 88 15.4 0.0 30.6

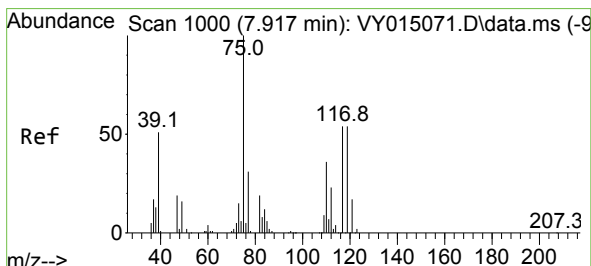
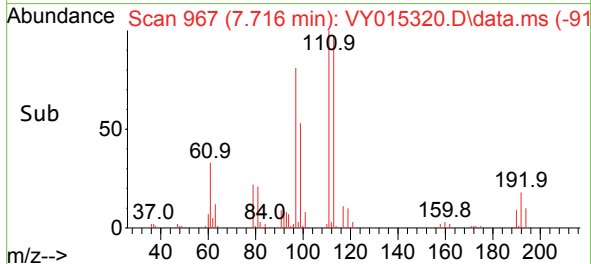
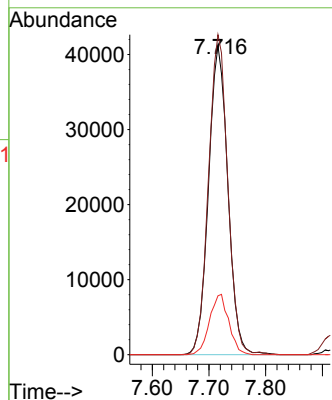
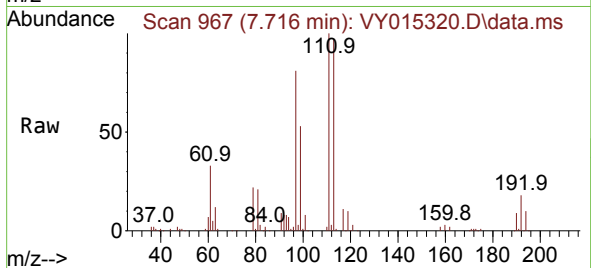




#35
Dibromofluoromethane
Concen: 54.340 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

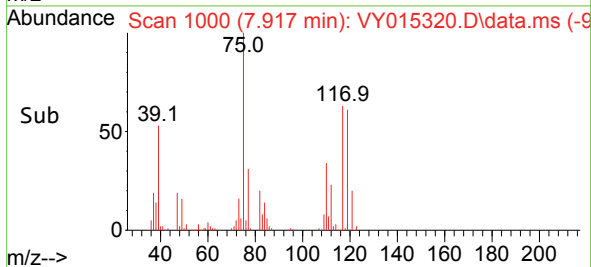
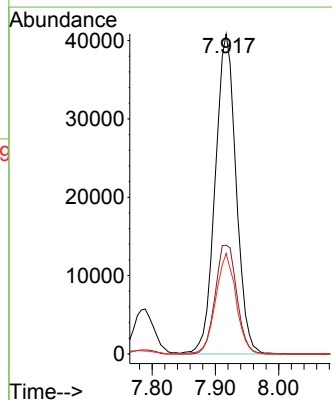
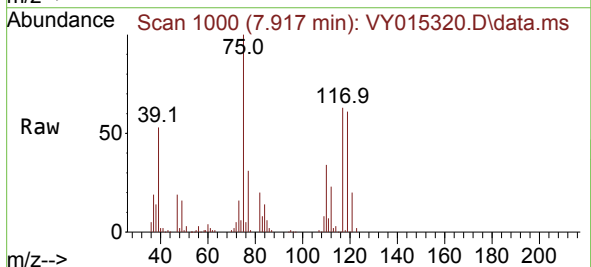
Instrument :
MSVOA_Y
ClientSampleId :

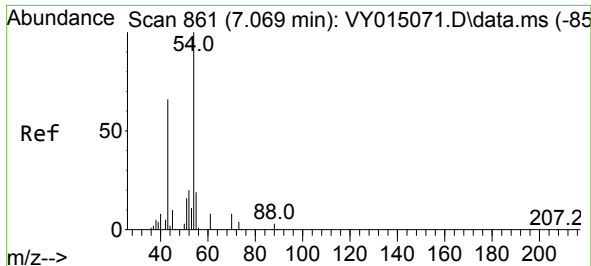
Tgt Ion:113 Resp: 97549
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 46.992 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

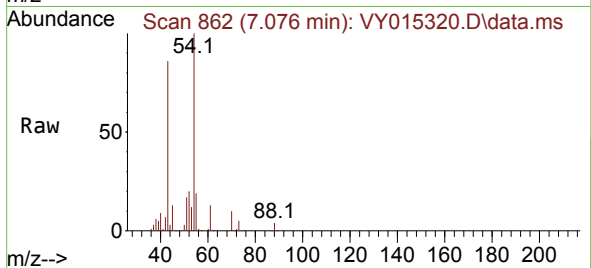
Tgt Ion: 75 Resp: 93327
Ion Ratio Lower Upper
75 100
110 35.3 17.8 53.5
77 30.7 24.4 36.6



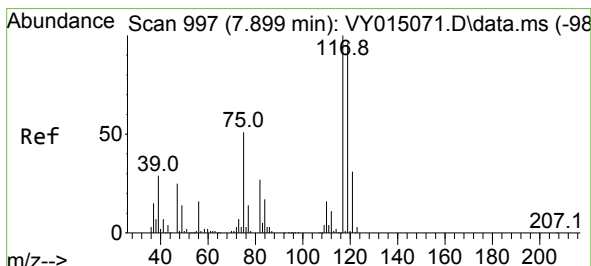
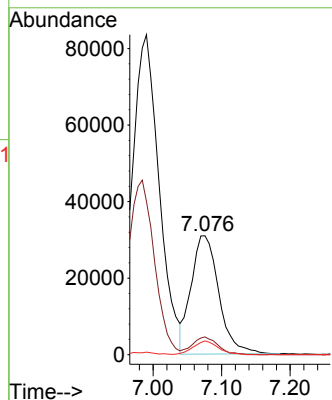
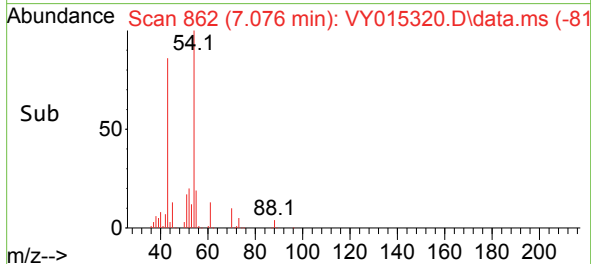


#37
Ethyl Acetate
Concen: 47.182 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

Instrument :
MSVOA_Y
ClientSampleId :

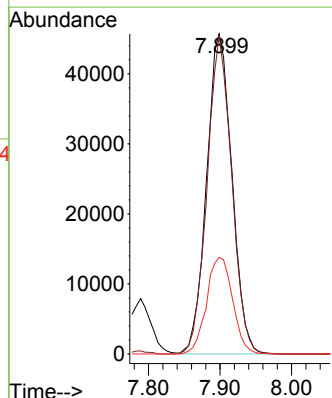
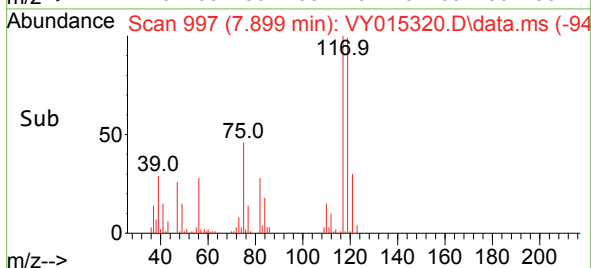
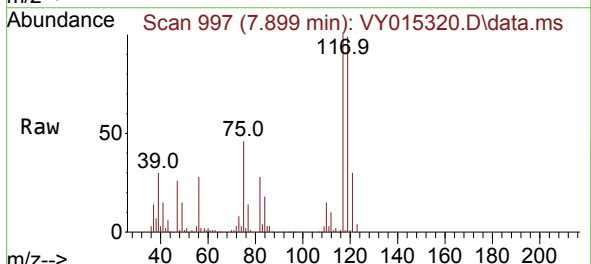


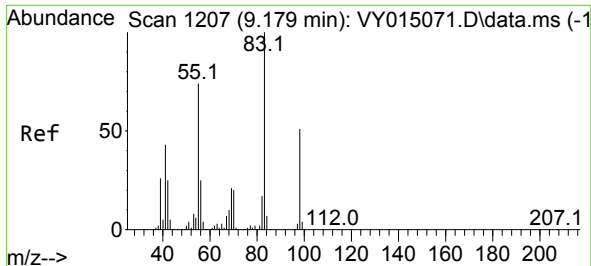
Tgt Ion: 43 Resp: 87344
Ion Ratio Lower Upper
43 100
61 13.9 10.1 15.1
70 10.4 7.1 10.7



#38
Carbon Tetrachloride
Concen: 47.862 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

Tgt Ion: 117 Resp: 112498
Ion Ratio Lower Upper
117 100
119 99.3 76.4 114.6
121 30.2 25.8 38.6





#39

Methylcyclohexane

Concen: 44.698 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

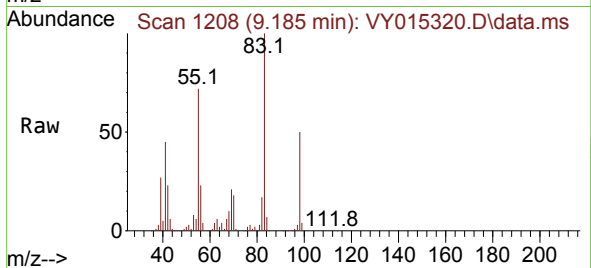
Lab File: VY015320.D

Acq: 24 Aug 2023 18:27

Instrument :

MSVOA_Y

ClientSampleId :



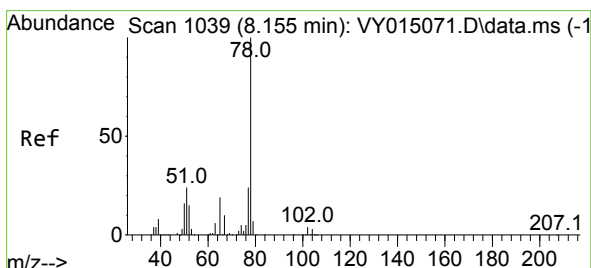
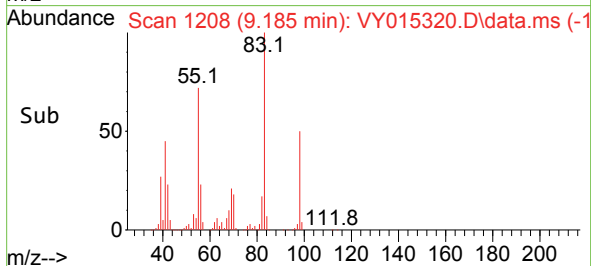
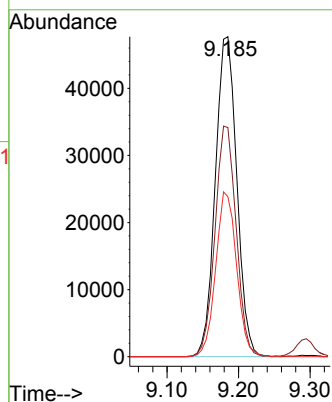
Tgt Ion: 83 Resp: 99516

Ion Ratio Lower Upper

83 100

55 71.6 63.0 94.4

98 50.0 37.4 56.2



#40

Benzene

Concen: 56.115 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY015320.D

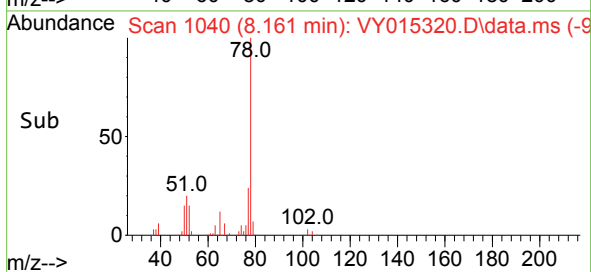
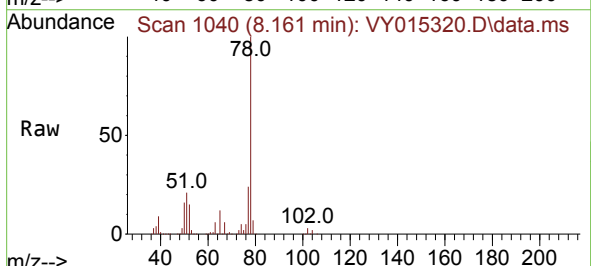
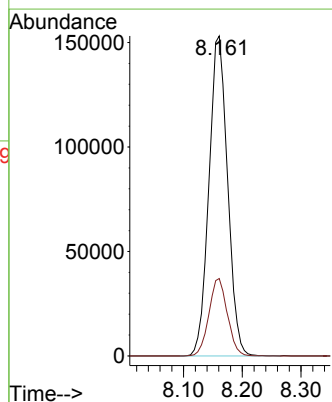
Acq: 24 Aug 2023 18:27

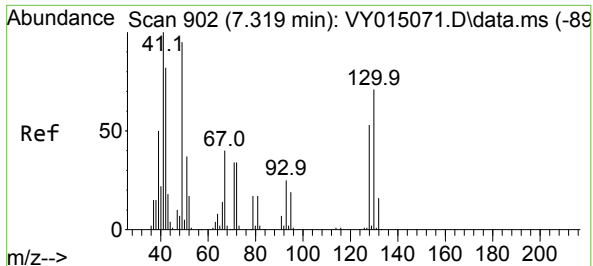
Tgt Ion: 78 Resp: 336941

Ion Ratio Lower Upper

78 100

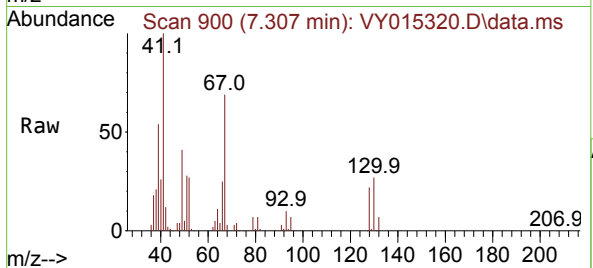
77 24.2 19.0 28.6



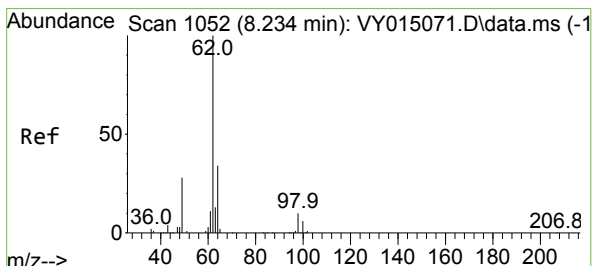
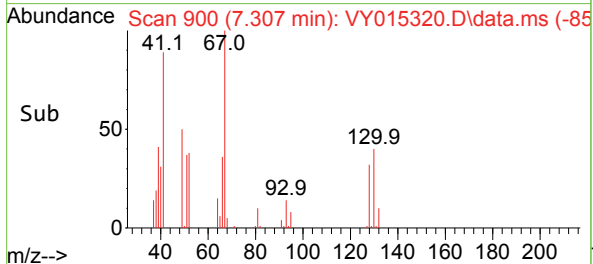
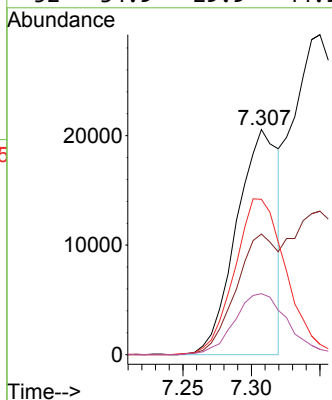


#41
Methacrylonitrile
Concen: 45.734 ug/l
RT: 7.307 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

Instrument :
MSVOA_Y
ClientSampleId :

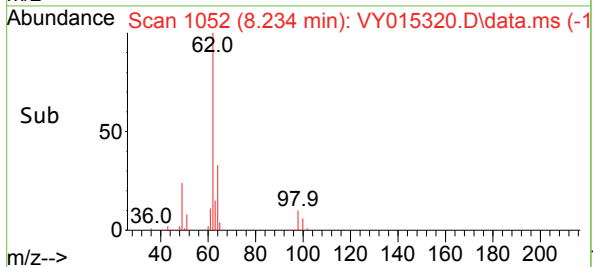
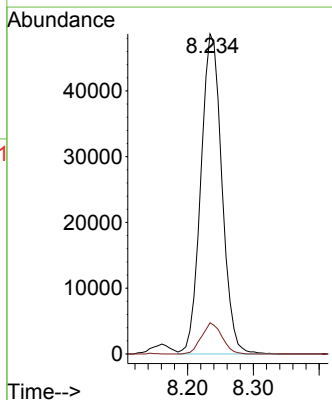
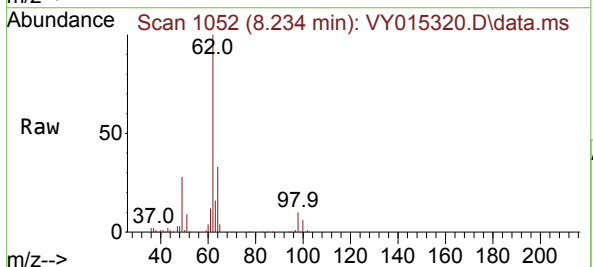


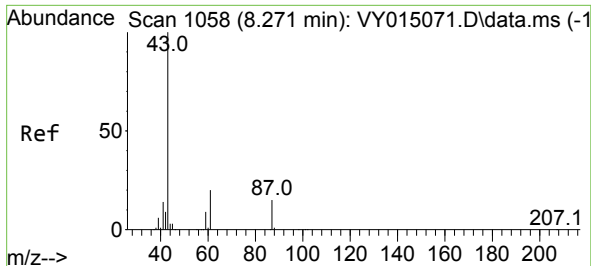
Tgt Ion: 41 Resp: 43657
Ion Ratio Lower Upper
41 100
39 53.5 52.1 78.1
67 86.3 66.2 99.2
52 34.9 29.9 44.9



#42
1,2-Dichloroethane
Concen: 49.599 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

Tgt Ion: 62 Resp: 108158
Ion Ratio Lower Upper
62 100
98 9.5 0.0 15.8

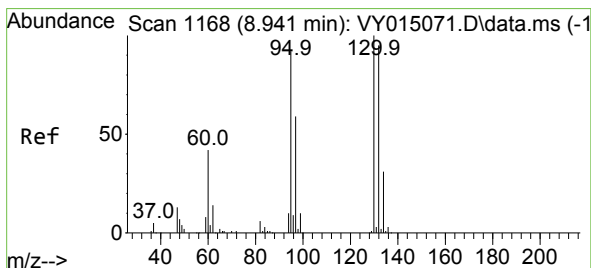
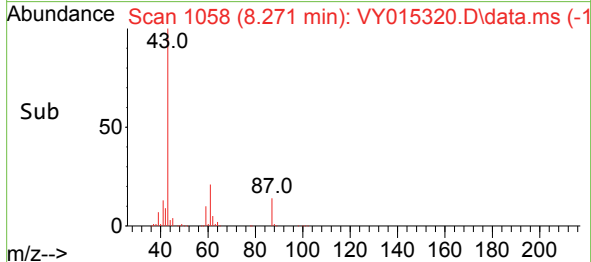
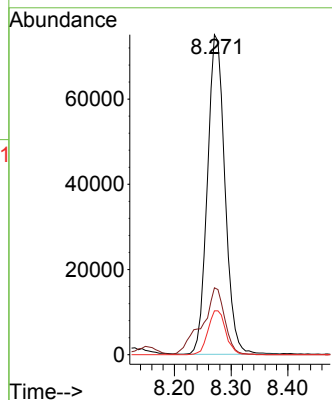
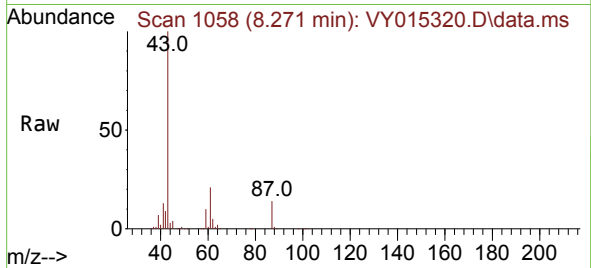




#43
Isopropyl Acetate
Concen: 47.759 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

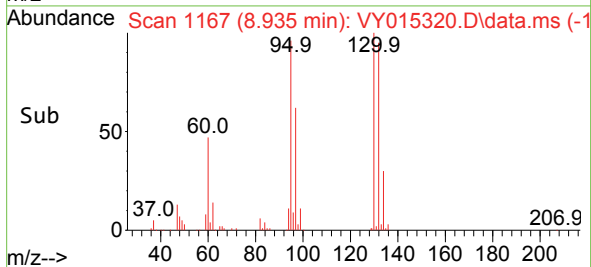
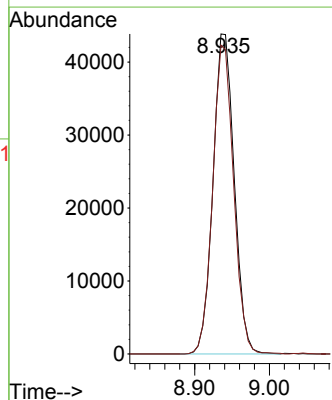
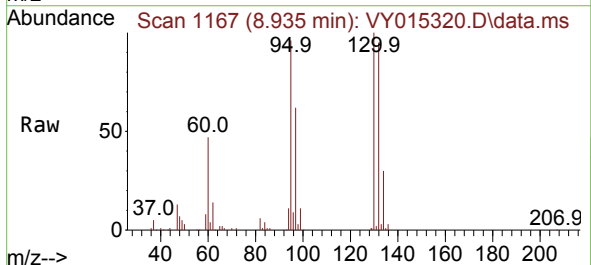
Instrument :
MSVOA_Y
ClientSampleId :

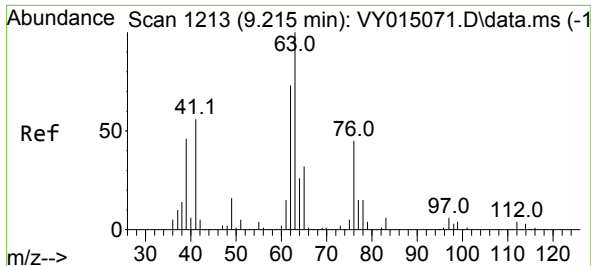
Tgt Ion: 43 Resp: 161003
Ion Ratio Lower Upper
43 100
61 27.1 21.1 31.7
87 13.9 9.8 14.8



#44
Trichloroethene
Concen: 50.005 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

Tgt Ion:130 Resp: 86502
Ion Ratio Lower Upper
130 100
95 96.5 0.0 196.0

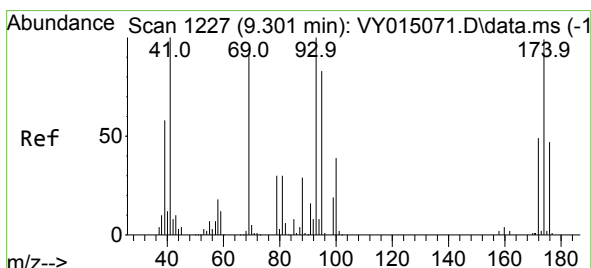
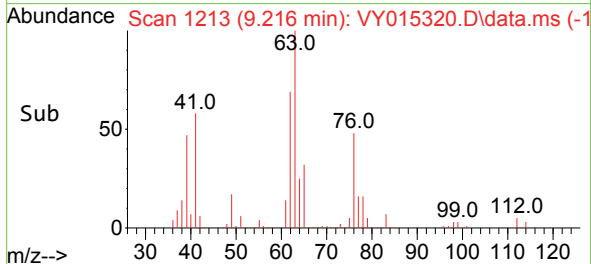
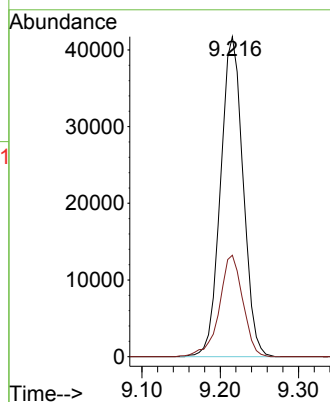
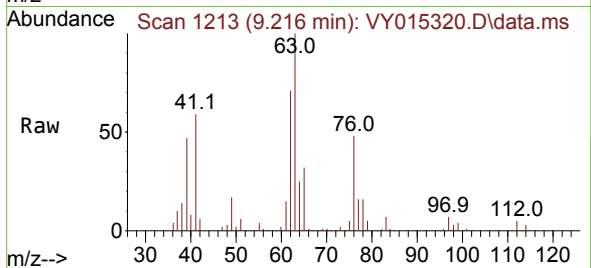




#45
1,2-Dichloropropane
Concen: 49.216 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

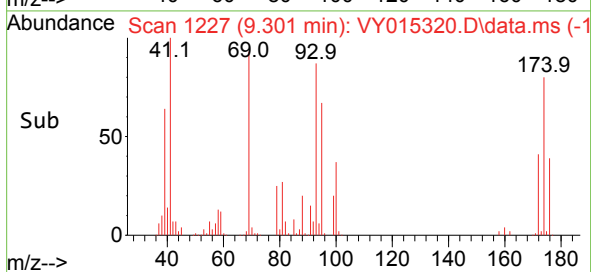
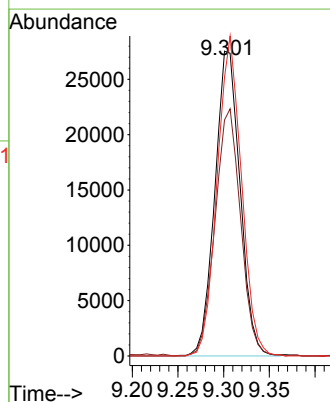
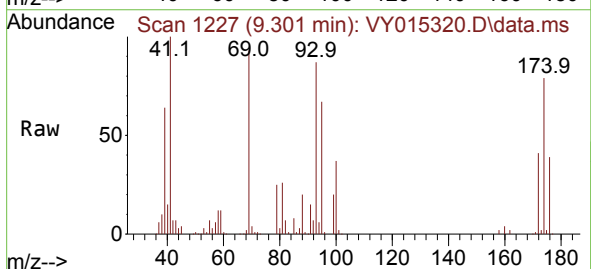
Instrument :
MSVOA_Y
ClientSampleId :

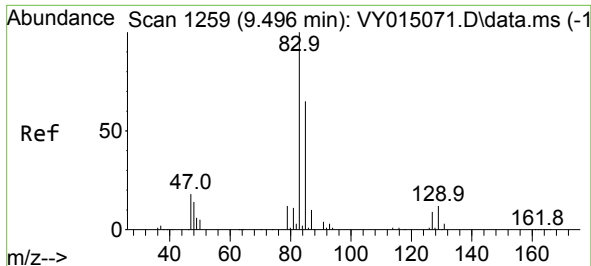
Tgt Ion: 63 Resp: 83331
Ion Ratio Lower Upper
63 100
65 31.7 23.8 35.6



#46
Dibromomethane
Concen: 49.588 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

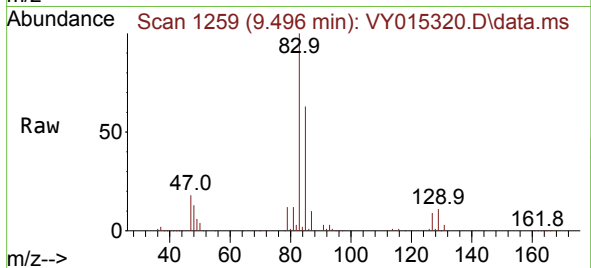
Tgt Ion: 93 Resp: 52954
Ion Ratio Lower Upper
93 100
95 82.1 66.6 100.0
174 101.0 84.8 127.2



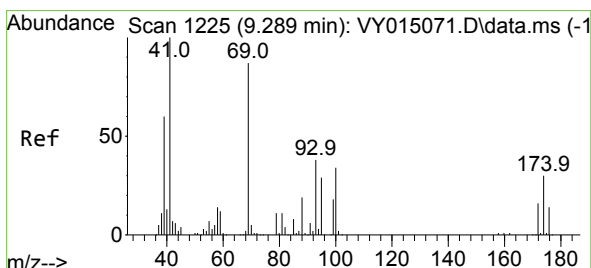
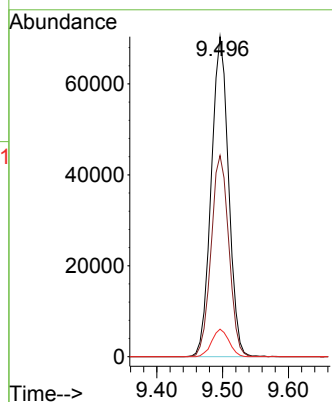
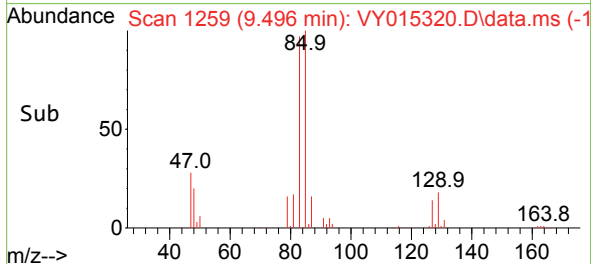


#47
Bromodichloromethane
Concen: 50.686 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

Instrument :
MSVOA_Y
ClientSampleId :

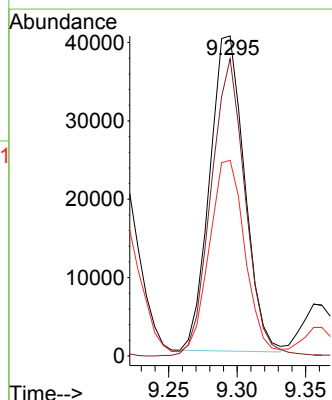
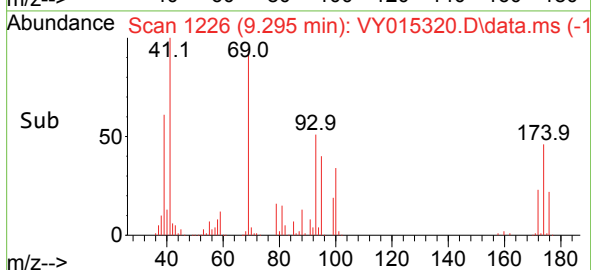
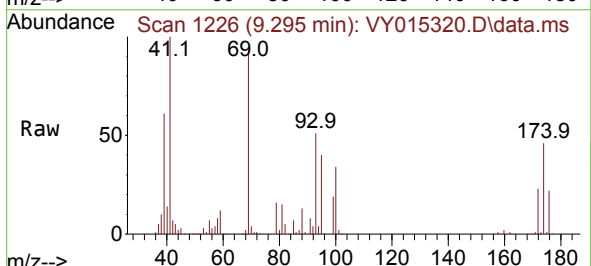


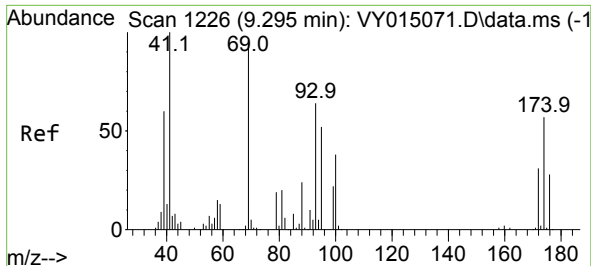
Tgt Ion: 83 Resp: 129162
Ion Ratio Lower Upper
83 100
85 62.9 50.1 75.1
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 49.217 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

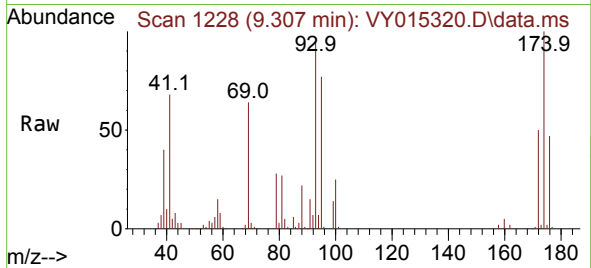
Tgt Ion: 41 Resp: 70976
Ion Ratio Lower Upper
41 100
69 92.7 64.5 96.7
39 63.8 50.8 76.2



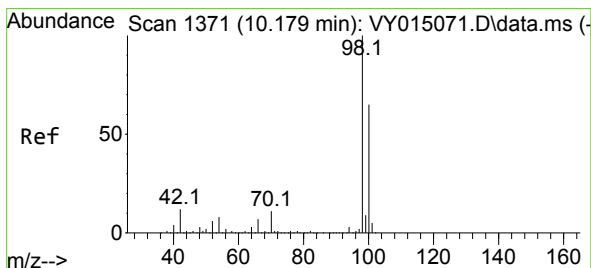
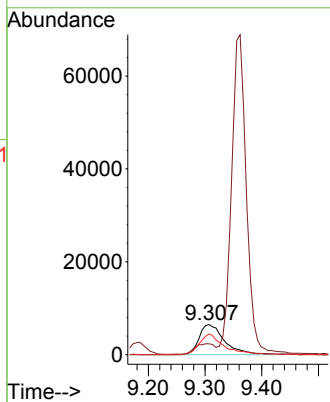
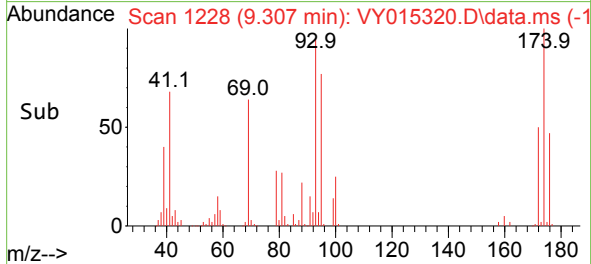


#49
1,4-Dioxane
Concen: 956.349 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.012 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

Instrument :
MSVOA_Y
ClientSampleId :

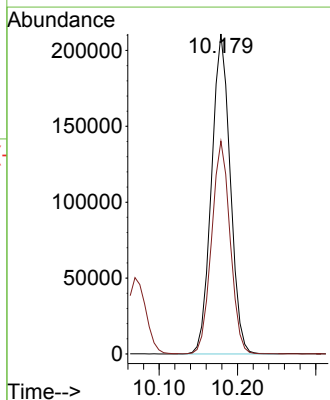
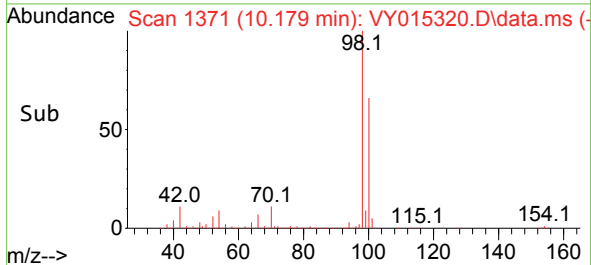
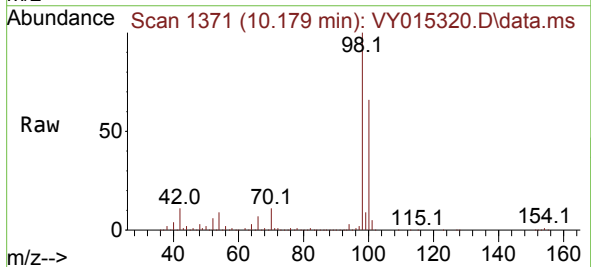


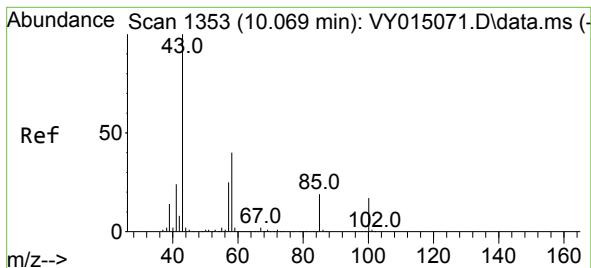
Tgt Ion: 88 Resp: 20422
Ion Ratio Lower Upper
88 100
43 26.3 0.0 0.0#
58 66.4 30.9 46.3#



#50
Toluene-d8
Concen: 52.415 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

Tgt Ion: 98 Resp: 350268
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1

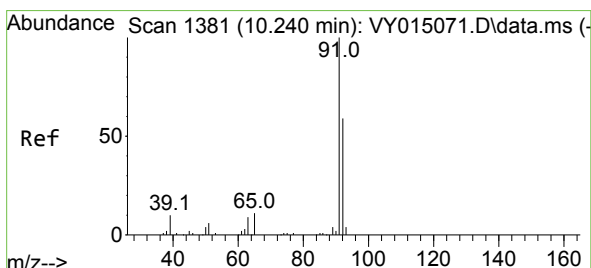
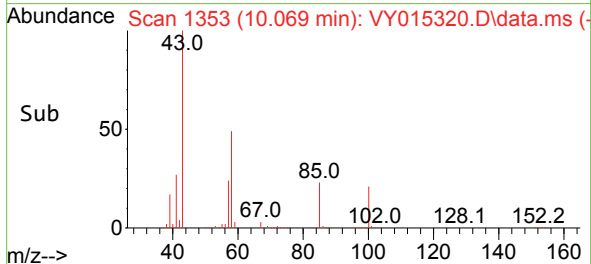
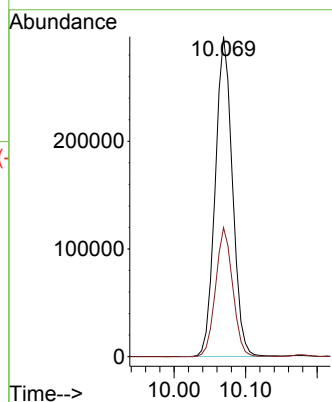
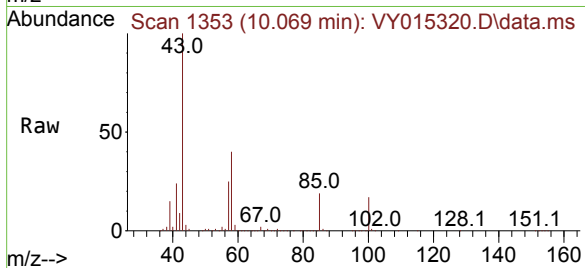




#51
4-Methyl-2-Pentanone
Concen: 254.196 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

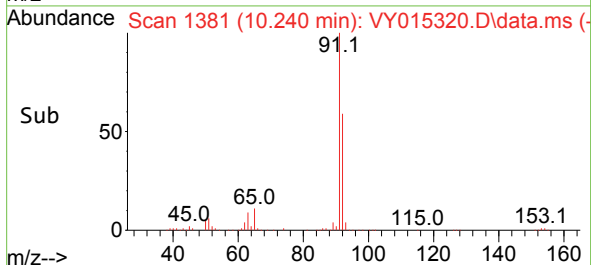
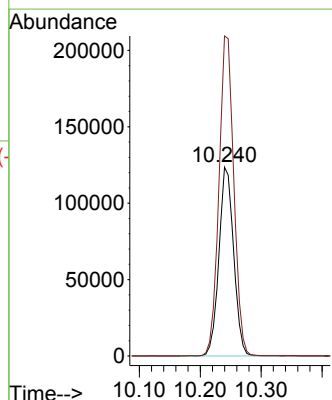
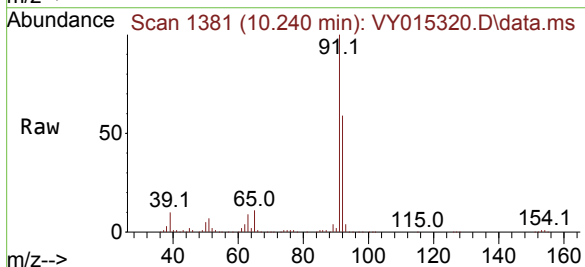
Instrument :
MSVOA_Y
ClientSampleId :

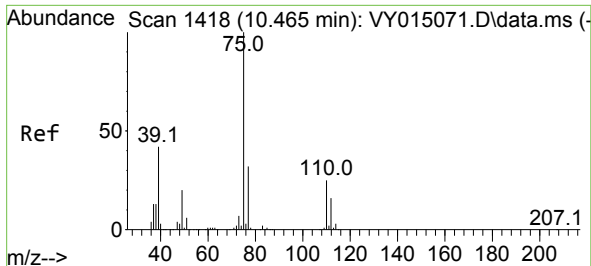
Tgt Ion: 43 Resp: 496647
Ion Ratio Lower Upper
43 100
58 40.0 29.0 43.6



#52
Toluene
Concen: 52.482 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

Tgt Ion: 92 Resp: 207702
Ion Ratio Lower Upper
92 100
91 171.2 143.8 215.6

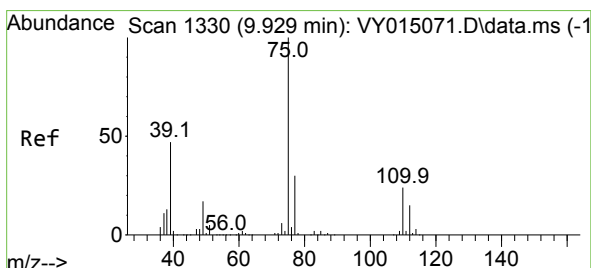
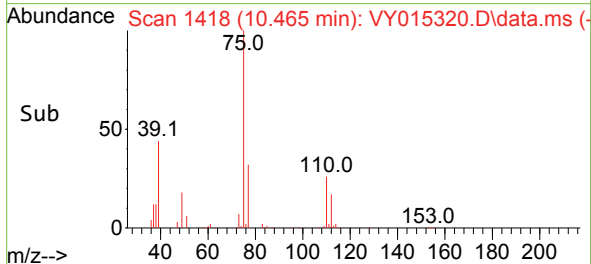
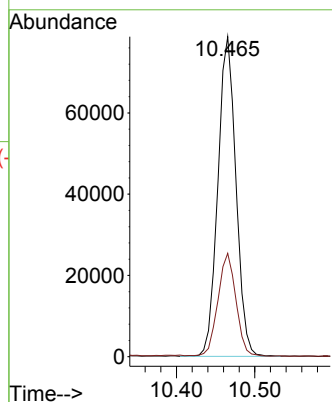
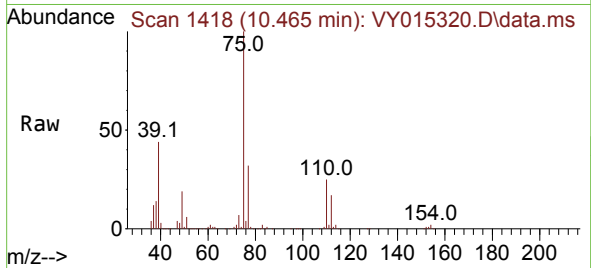




#53
t-1,3-Dichloropropene
Concen: 47.219 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

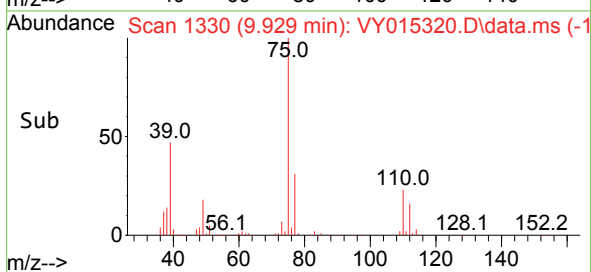
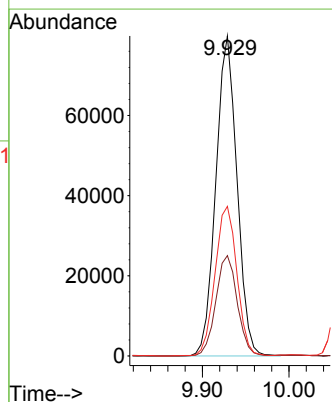
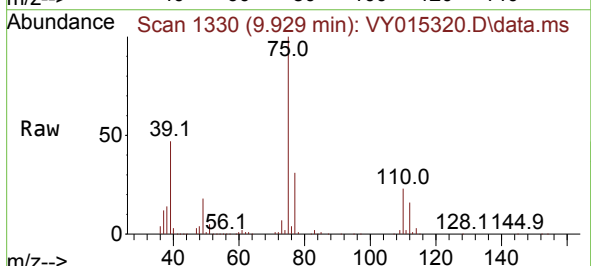
Instrument :
MSVOA_Y
ClientSampleId :

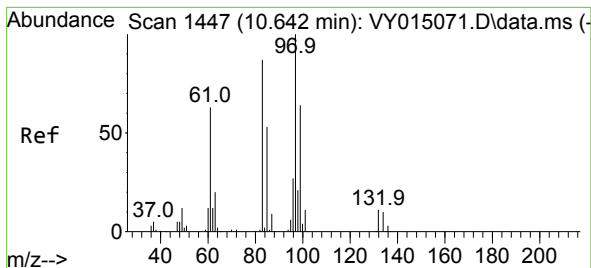
Tgt Ion: 75 Resp: 126456
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 48.010 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

Tgt Ion: 75 Resp: 135409
Ion Ratio Lower Upper
75 100
77 31.3 24.2 36.4
39 46.7 42.2 63.4

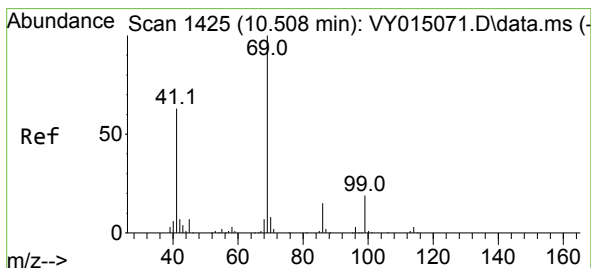
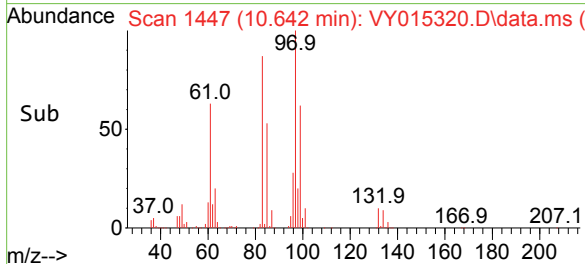
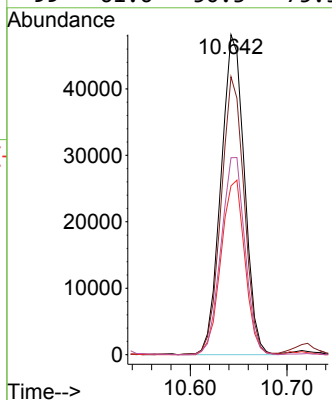
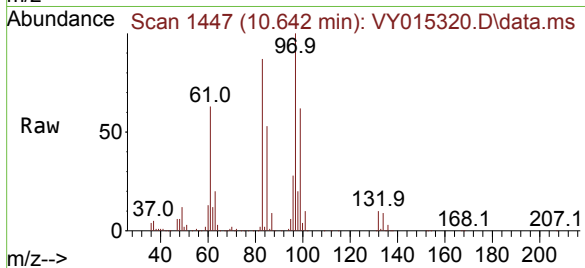




#55
1,1,2-Trichloroethane
Concen: 49.927 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

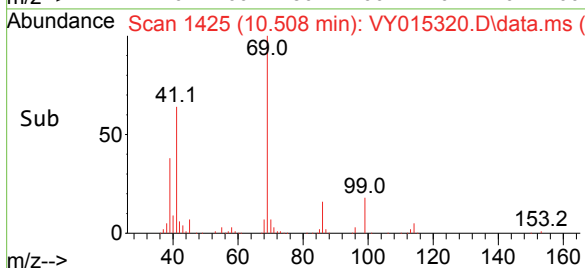
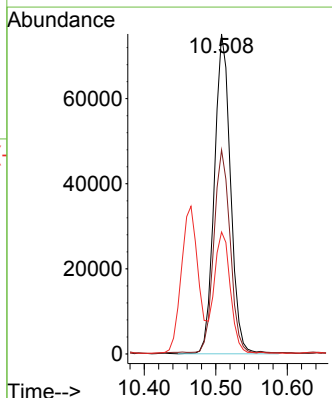
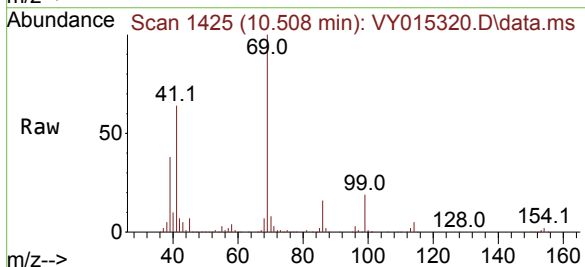
Instrument :
MSVOA_Y
ClientSampleId :

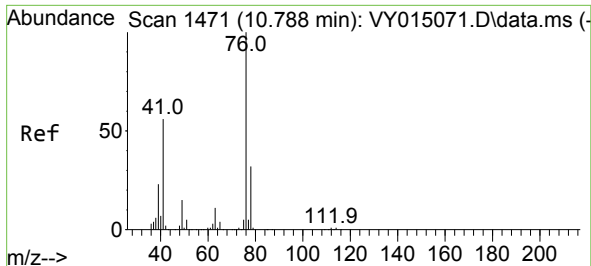
Tgt Ion:	97	Resp:	81069
Ion	Ratio	Lower	Upper
97	100		
83	86.8	72.0	108.0
85	52.8	45.4	68.0
99	61.6	50.3	75.5



#56
Ethyl methacrylate
Concen: 49.573 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

Tgt Ion:	69	Resp:	117803
Ion	Ratio	Lower	Upper
69	100		
41	63.8	57.6	86.4
39	36.3	34.1	51.1

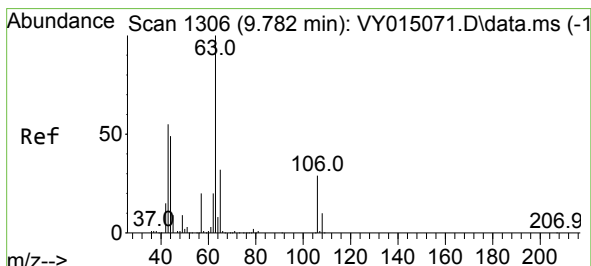
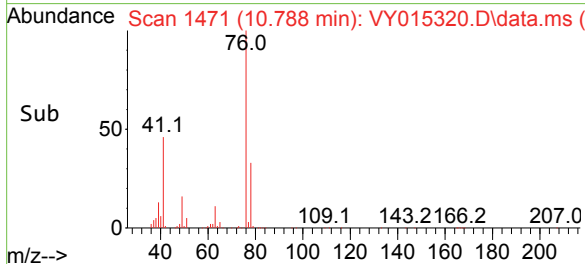
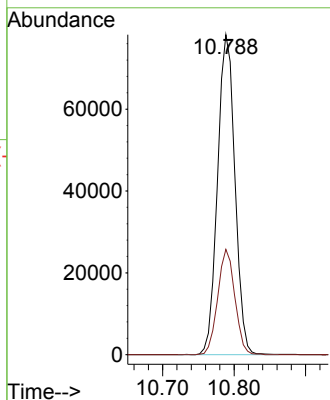
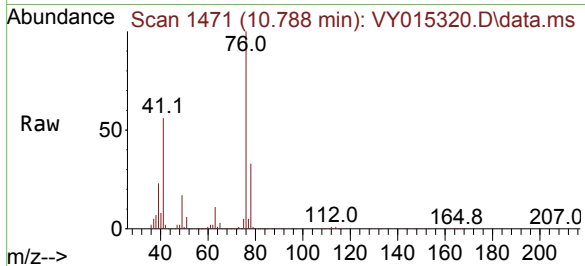




#57
1,3-Dichloropropane
Concen: 49.803 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

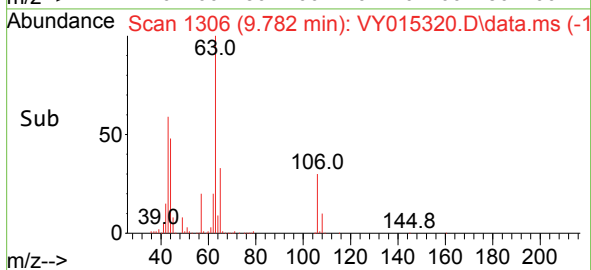
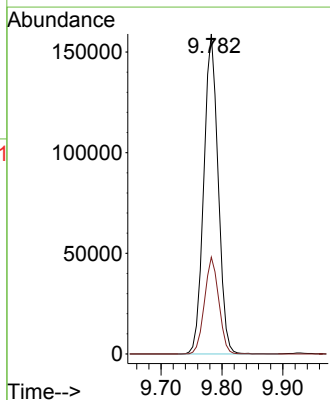
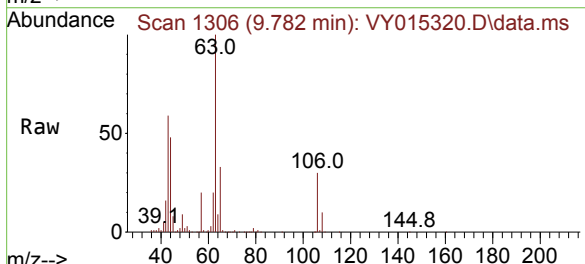
Instrument :
MSVOA_Y
ClientSampleId :

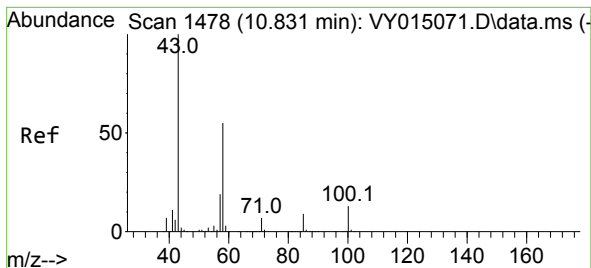
Tgt Ion: 76 Resp: 132119
Ion Ratio Lower Upper
76 100
78 32.4 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 235.042 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

Tgt Ion: 63 Resp: 259930
Ion Ratio Lower Upper
63 100
106 30.1 21.2 31.8

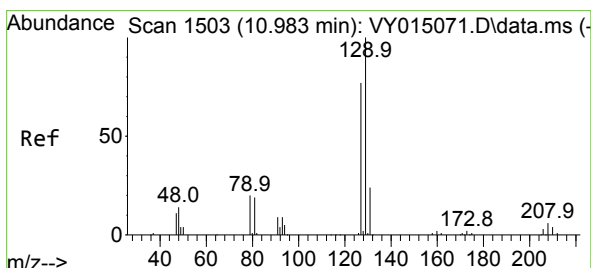
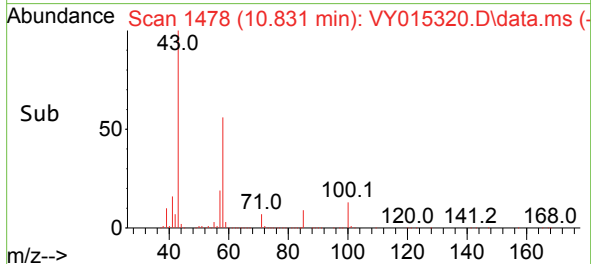
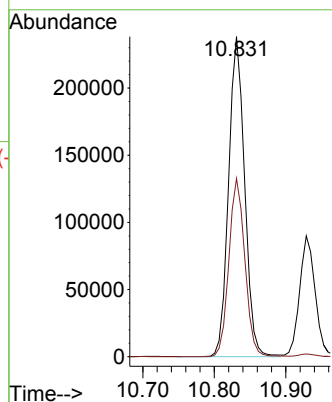
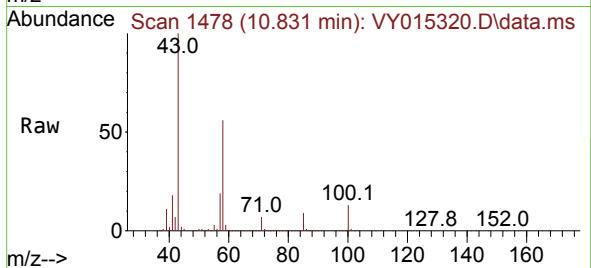




#59
2-Hexanone
Concen: 256.366 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

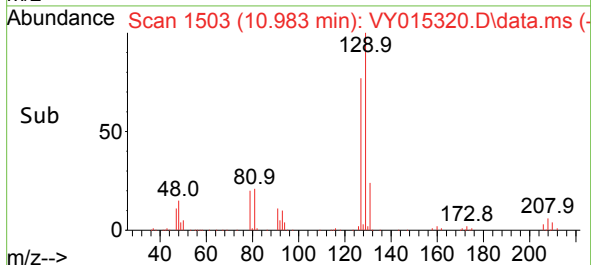
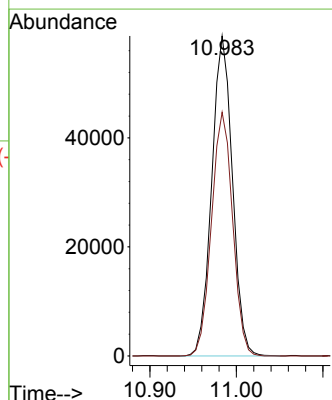
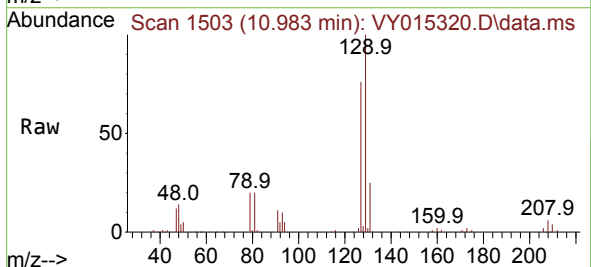
Instrument :
MSVOA_Y
ClientSampleId :

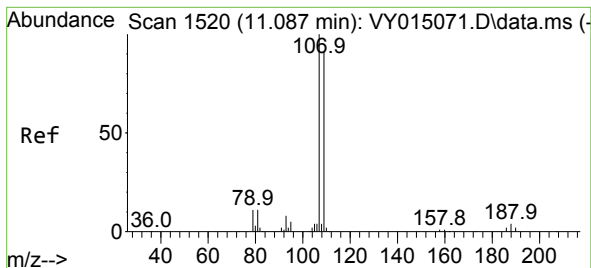
Tgt Ion: 43 Resp: 370710
Ion Ratio Lower Upper
43 100
58 55.5 25.1 75.3



#60
Dibromochloromethane
Concen: 50.251 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

Tgt Ion: 129 Resp: 97331
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5

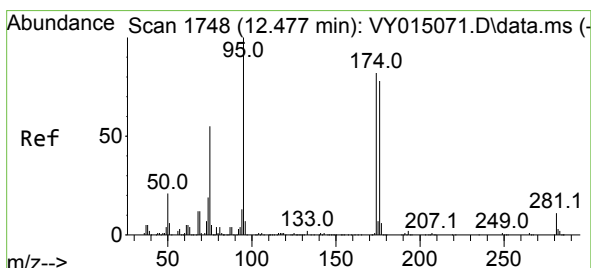
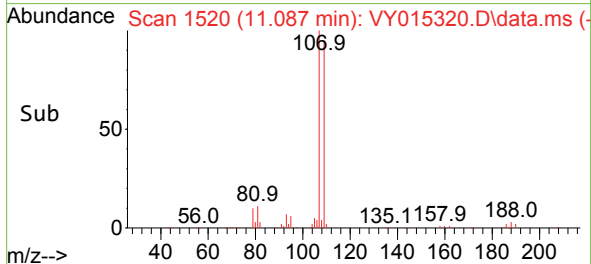
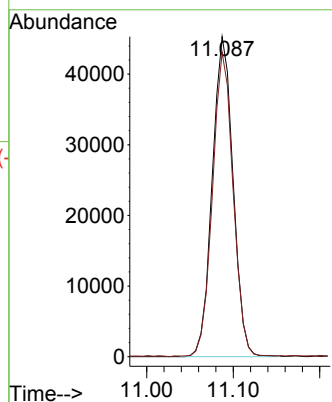
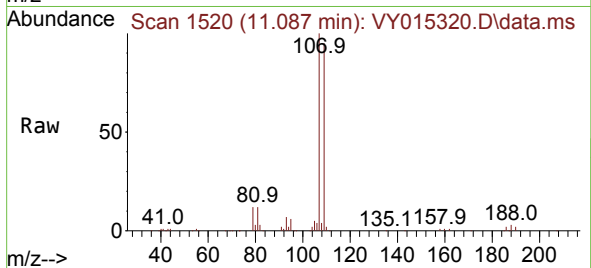




#61
1,2-Dibromoethane
Concen: 48.971 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

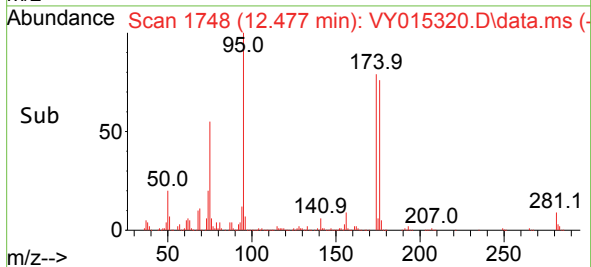
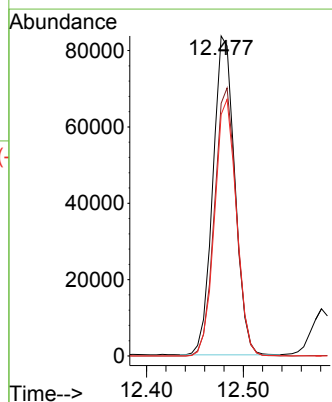
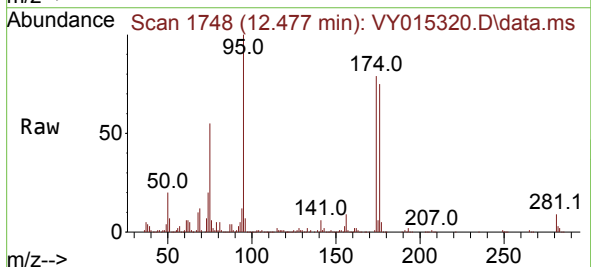
Instrument :
MSVOA_Y
ClientSampleId :

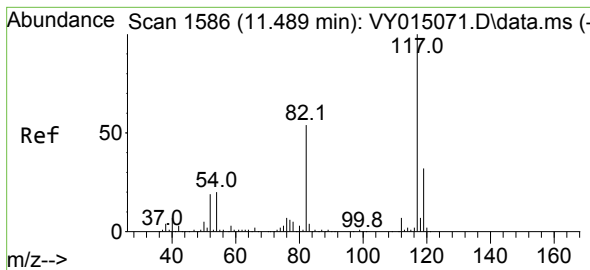
Tgt Ion:107 Resp: 75538
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.898 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

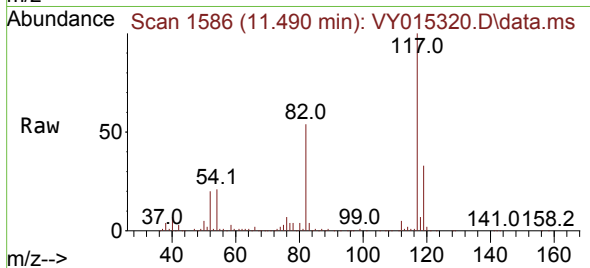
Tgt Ion: 95 Resp: 131555
Ion Ratio Lower Upper
95 100
174 83.4 0.0 178.2
176 80.2 0.0 173.8



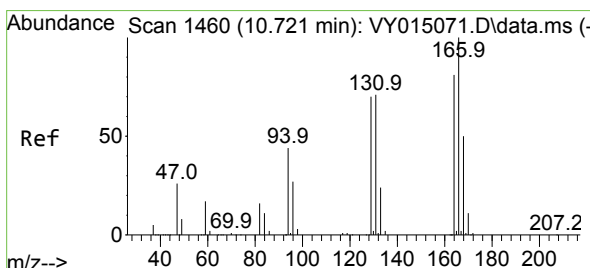
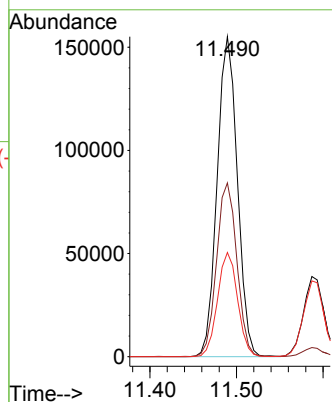
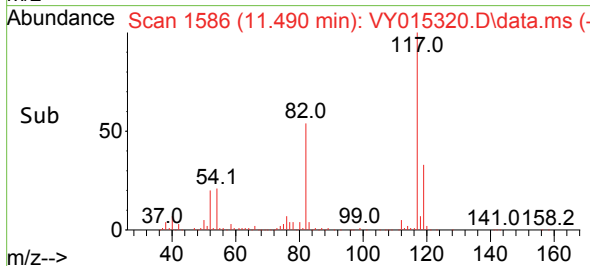


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

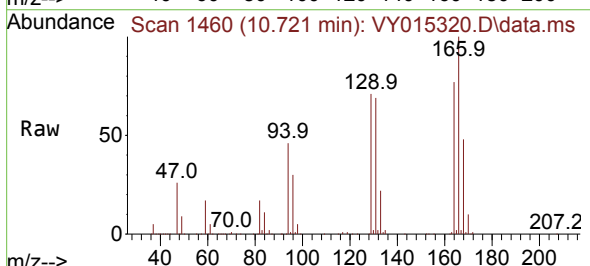
Instrument :
MSVOA_Y
ClientSampleId :



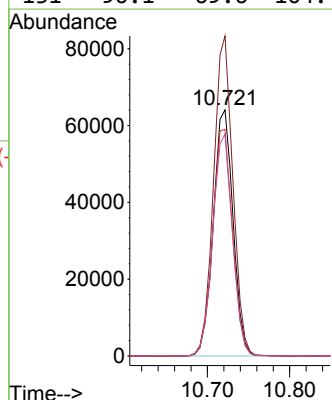
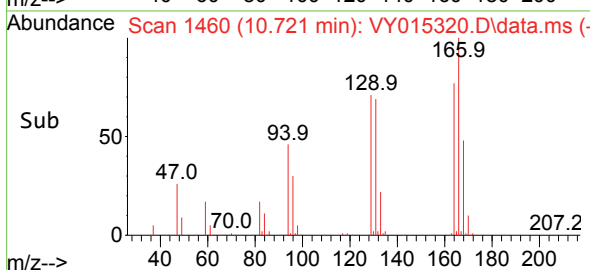
Tgt Ion:117 Resp: 251400
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 32.6 26.3 39.5

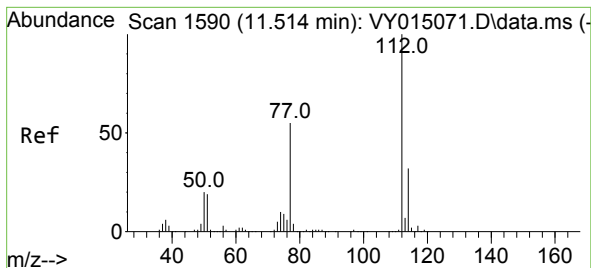


#64
Tetrachloroethene
Concen: 61.063 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27



Tgt Ion:164 Resp: 106951
Ion Ratio Lower Upper
164 100
166 130.0 103.0 154.6
129 92.1 77.2 115.8
131 90.1 69.6 104.4





#65

Chlorobenzene

Concen: 48.562 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015320.D

Acq: 24 Aug 2023 18:27

Instrument :

MSVOA_Y

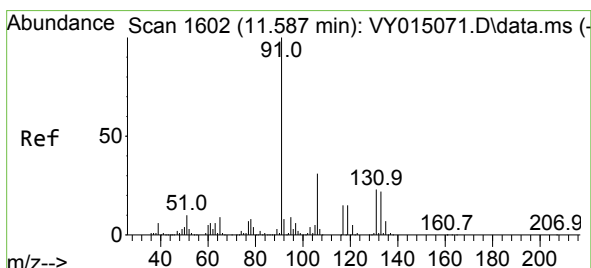
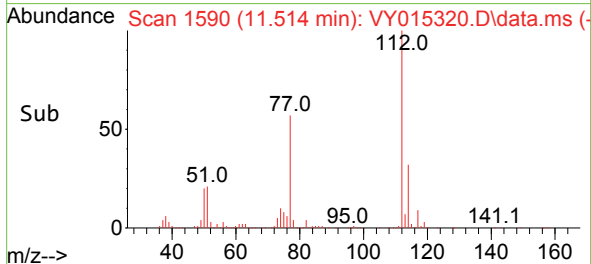
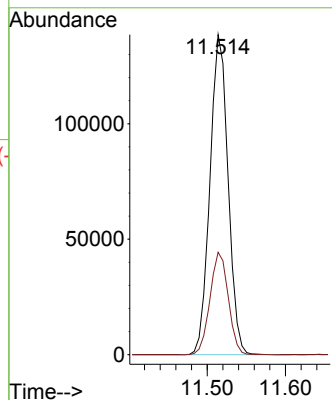
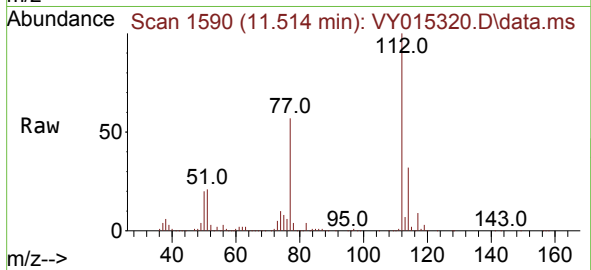
ClientSampleId :

Tgt Ion:112 Resp: 222439

Ion Ratio Lower Upper

112 100

114 32.0 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 51.264 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY015320.D

Acq: 24 Aug 2023 18:27

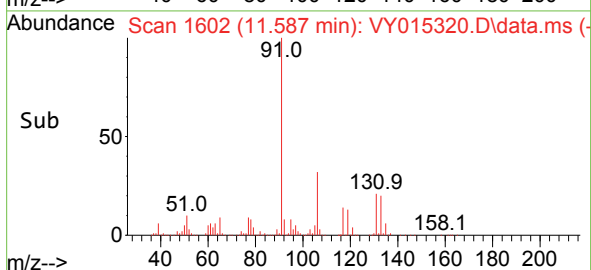
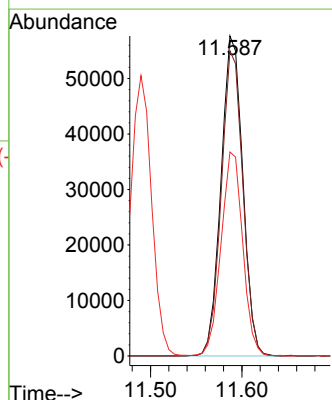
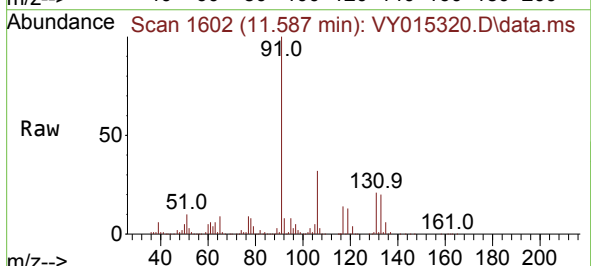
Tgt Ion:131 Resp: 95279

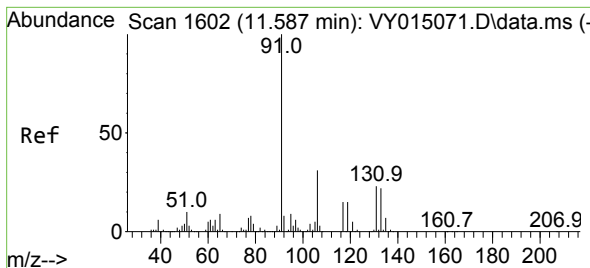
Ion Ratio Lower Upper

131 100

133 94.6 47.5 142.6

119 63.8 31.6 94.7





#67

Ethyl Benzene

Concen: 58.516 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015320.D

Acq: 24 Aug 2023 18:27

Instrument :

MSVOA_Y

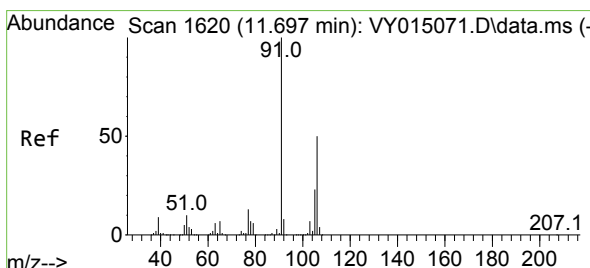
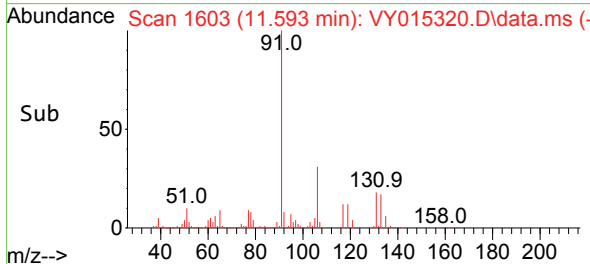
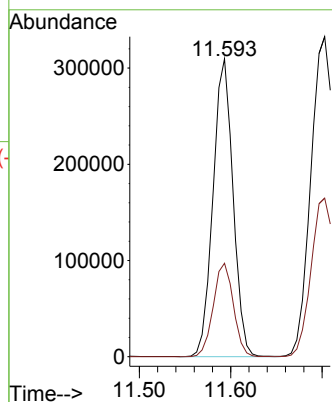
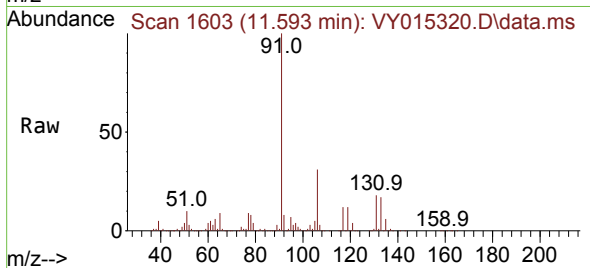
ClientSampleId :

Tgt Ion: 91 Resp: 469626

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 99.240 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY015320.D

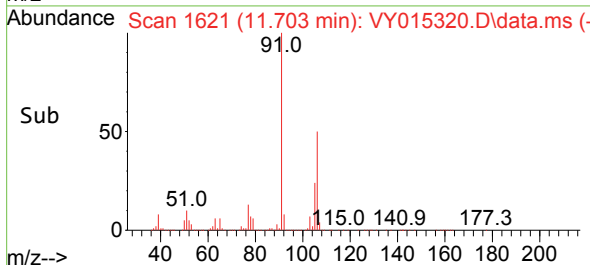
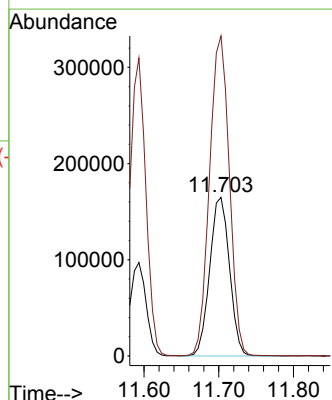
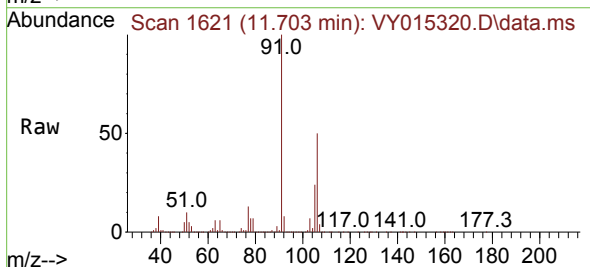
Acq: 24 Aug 2023 18:27

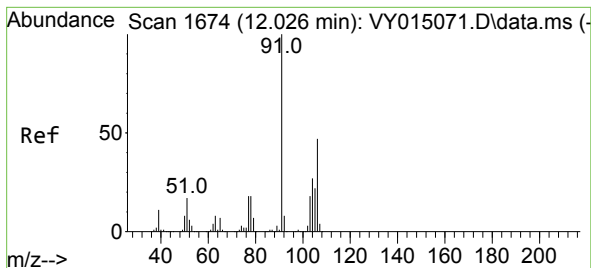
Tgt Ion:106 Resp: 302495

Ion Ratio Lower Upper

106 100

91 202.4 166.1 249.1





#69

o-Xylene

Concen: 51.141 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015320.D

Acq: 24 Aug 2023 18:27

Instrument :

MSVOA_Y

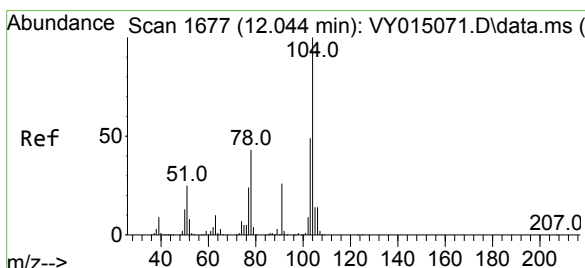
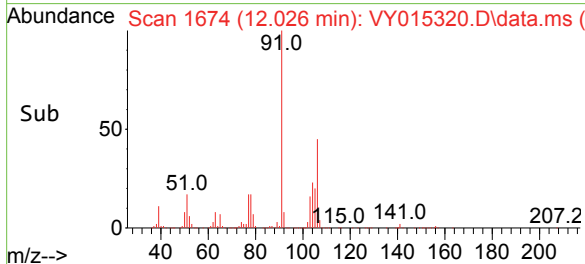
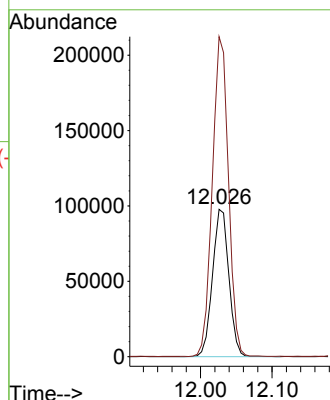
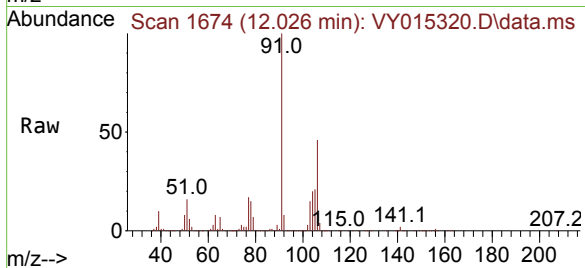
ClientSampleId :

Tgt Ion:106 Resp: 155290

Ion Ratio Lower Upper

106 100

91 213.8 108.1 324.3



#70

Styrene

Concen: 50.804 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015320.D

Acq: 24 Aug 2023 18:27

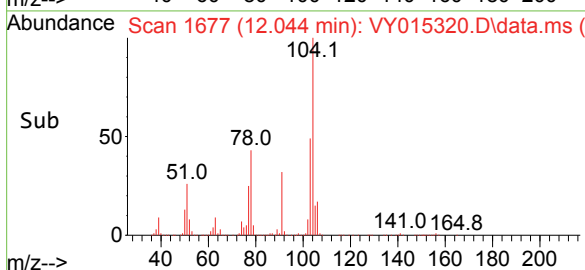
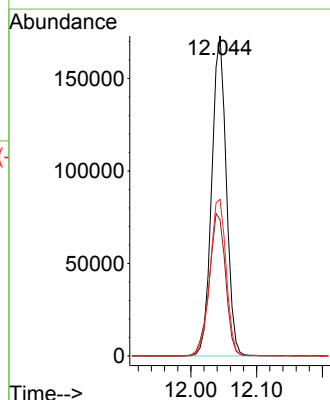
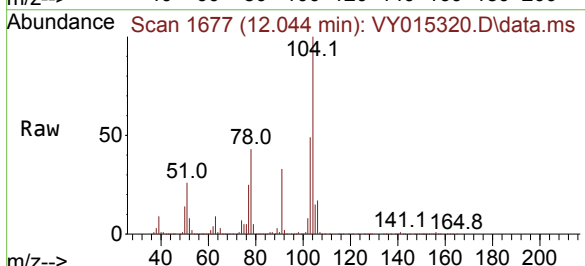
Tgt Ion:104 Resp: 266999

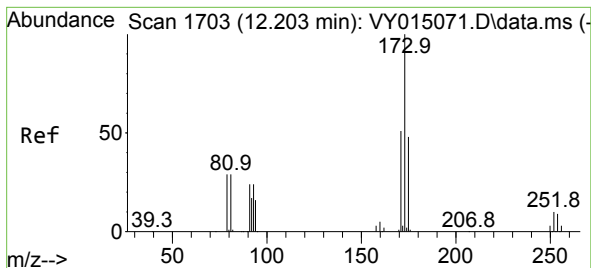
Ion Ratio Lower Upper

104 100

78 50.0 41.5 62.3

103 54.4 44.6 67.0





#71

Bromoform

Concen: 49.862 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015320.D

Acq: 24 Aug 2023 18:27

Instrument :

MSVOA_Y

ClientSampleId :

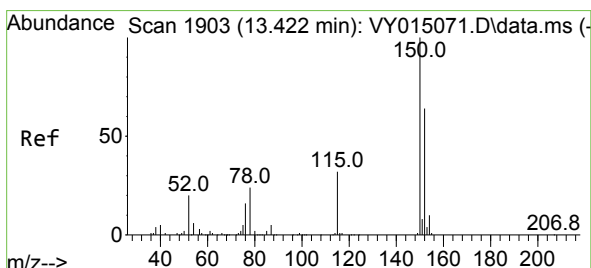
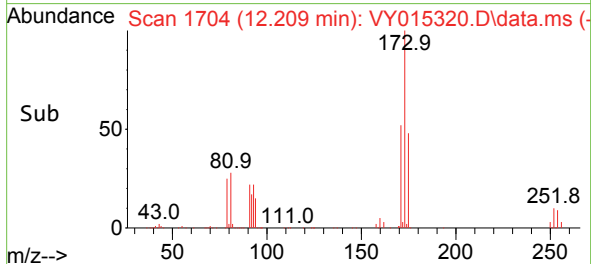
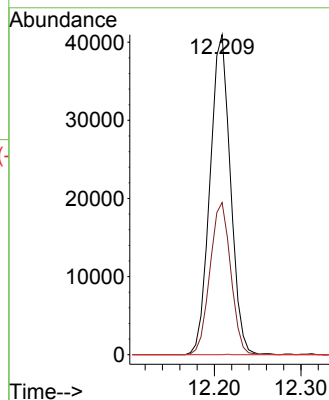
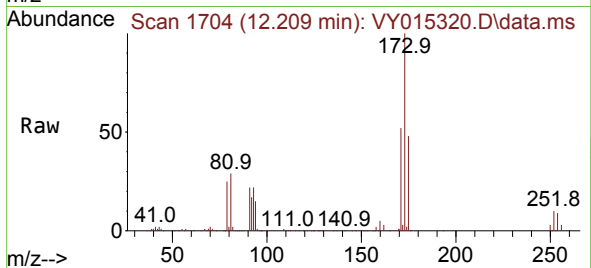
Tgt Ion:173 Resp: 67179

Ion Ratio Lower Upper

173 100

175 48.2 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: VY015320.D

Acq: 24 Aug 2023 18:27

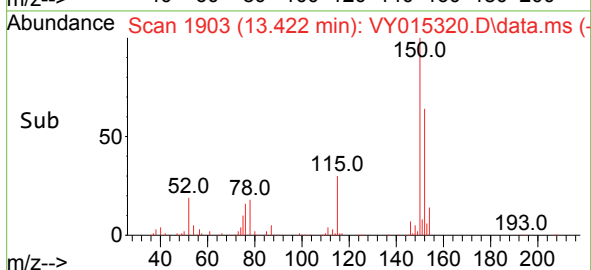
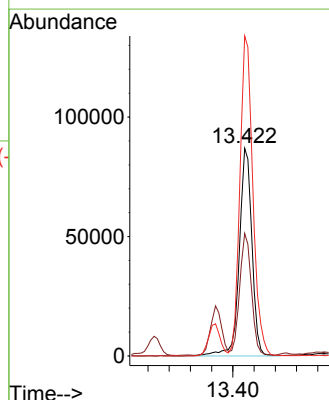
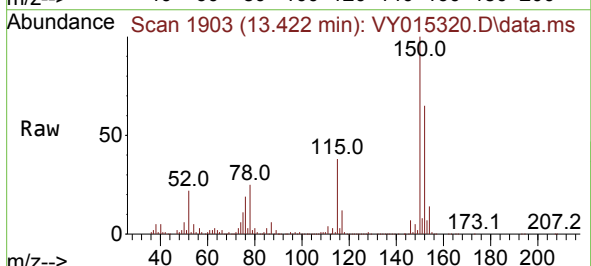
Tgt Ion:152 Resp: 144077

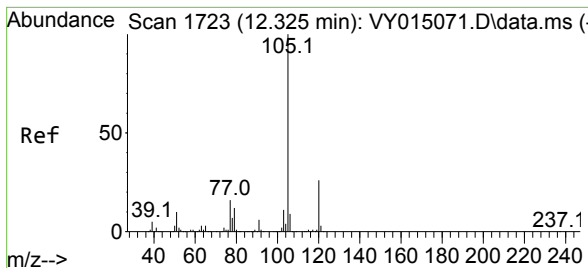
Ion Ratio Lower Upper

152 100

115 54.5 28.8 86.5

150 157.0 0.0 348.8





#73

Isopropylbenzene

Concen: 45.141 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VY015320.D

Acq: 24 Aug 2023 18:27

Instrument :

MSVOA_Y

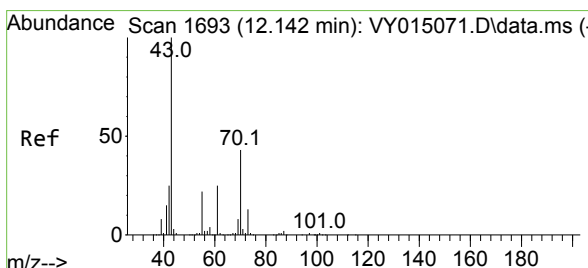
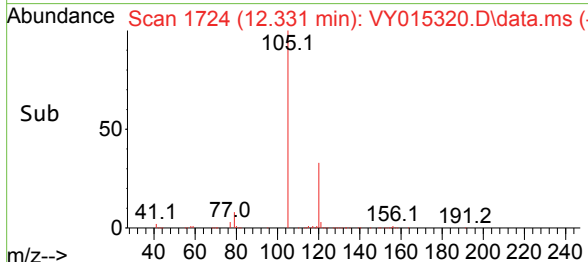
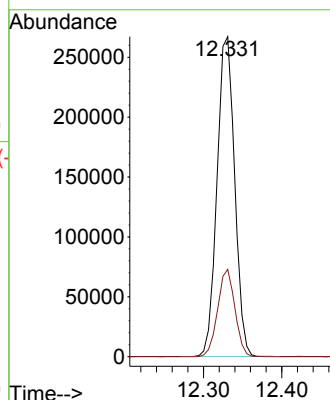
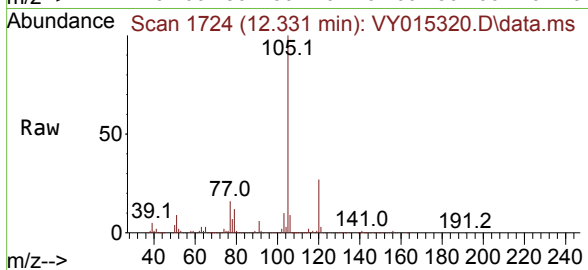
ClientSampleId :

Tgt Ion:105 Resp: 418212

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 42.923 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015320.D

Acq: 24 Aug 2023 18:27

Tgt Ion: 43 Resp: 143578

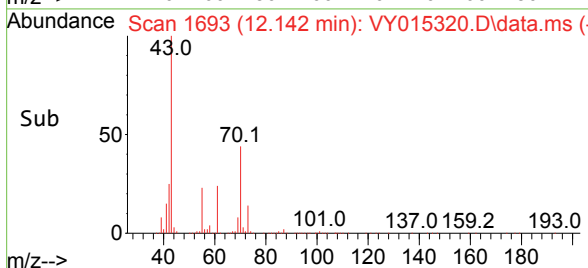
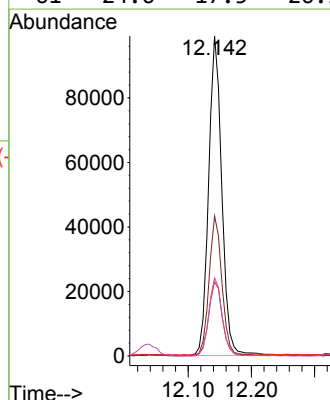
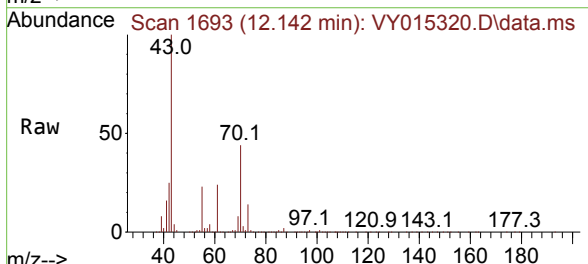
Ion Ratio Lower Upper

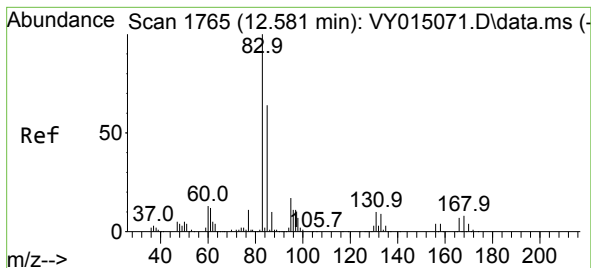
43 100

70 42.8 29.7 44.5

55 23.4 18.3 27.5

61 24.6 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 44.260 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015320.D

Acq: 24 Aug 2023 18:27

Instrument :

MSVOA_Y

ClientSampleId :

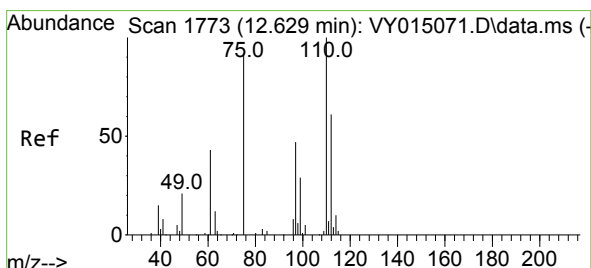
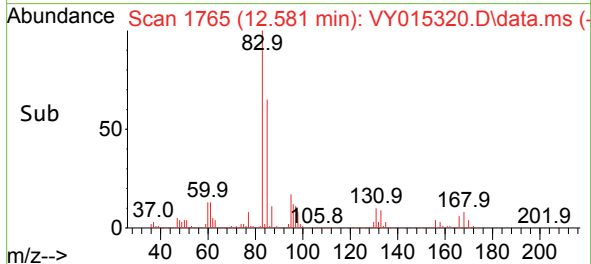
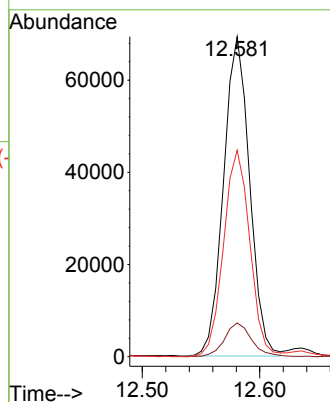
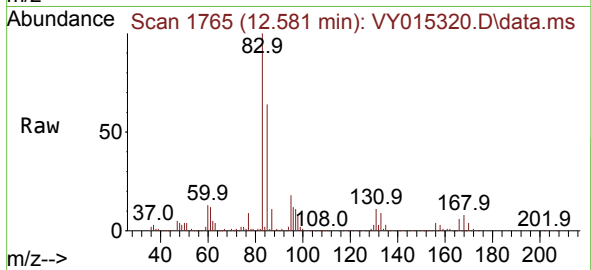
Tgt Ion: 83 Resp: 106796

Ion Ratio Lower Upper

83 100

131 11.1 5.4 16.2

85 65.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 79.274 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015320.D

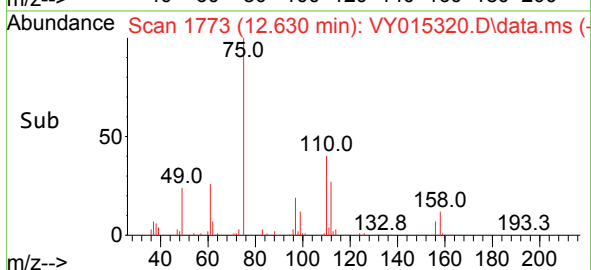
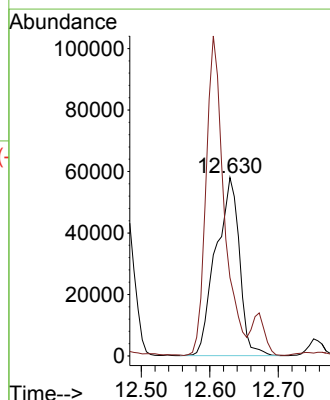
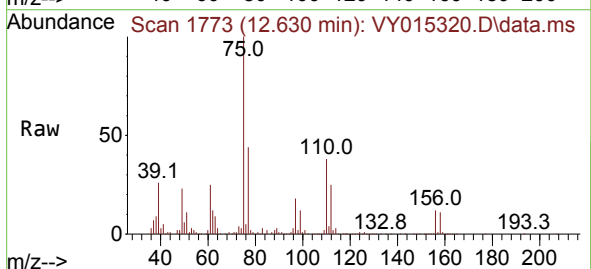
Acq: 24 Aug 2023 18:27

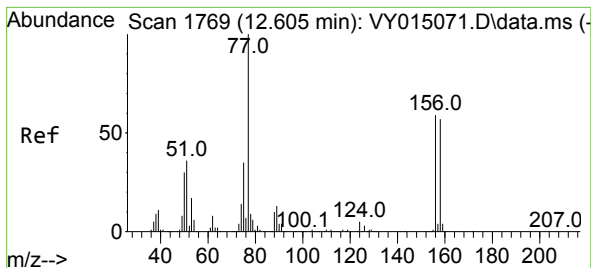
Tgt Ion: 75 Resp: 138764

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 44.266 ug/l

RT: 12.605 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015320.D

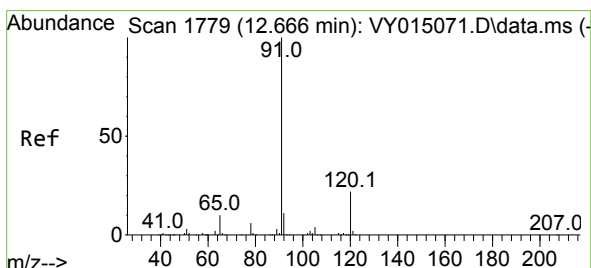
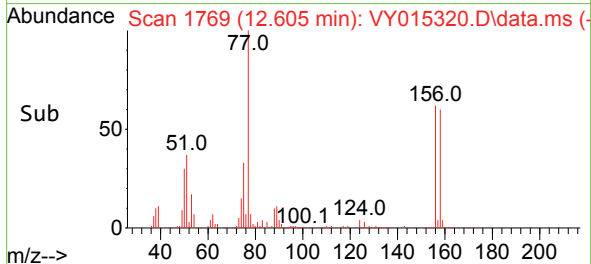
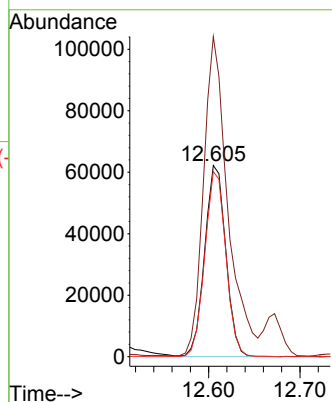
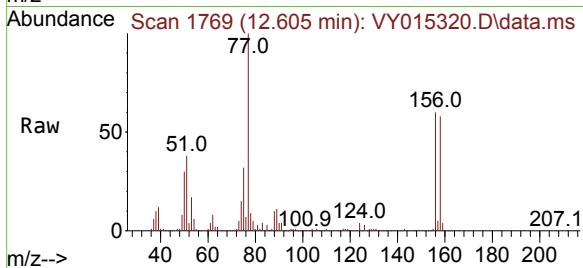
Acq: 24 Aug 2023 18:27

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	99966
Ion Ratio	Lower	Upper	
156	100		
77	191.4	92.8	278.6
158	96.5	48.4	145.3



#78

n-propylbenzene

Concen: 43.935 ug/l

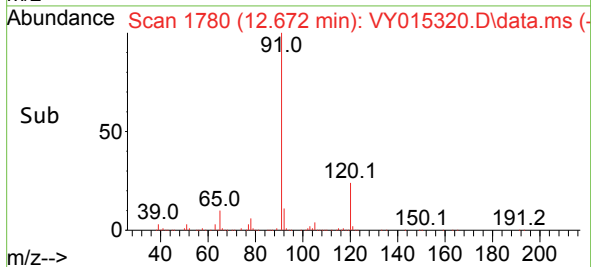
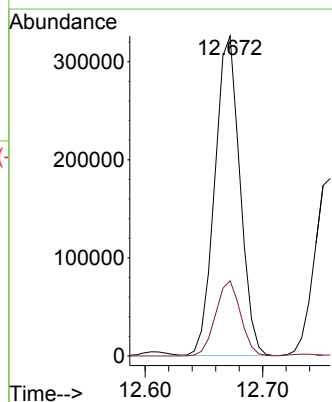
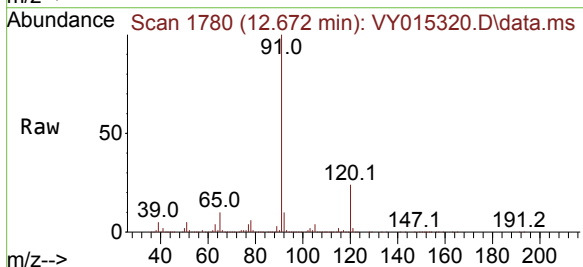
RT: 12.672 min Scan# 1780

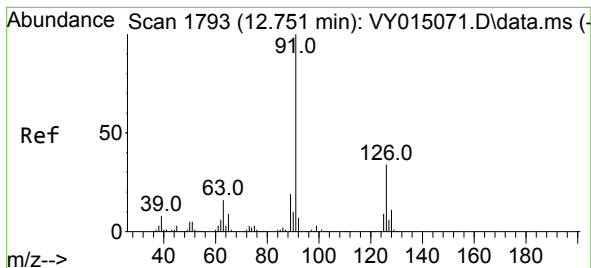
Delta R.T. 0.006 min

Lab File: VY015320.D

Acq: 24 Aug 2023 18:27

Tgt Ion:	91	Resp:	483352
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.5	34.4





#79

2-Chlorotoluene

Concen: 44.277 ug/l

RT: 12.758 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VY015320.D

Acq: 24 Aug 2023 18:27

Instrument :

MSVOA_Y

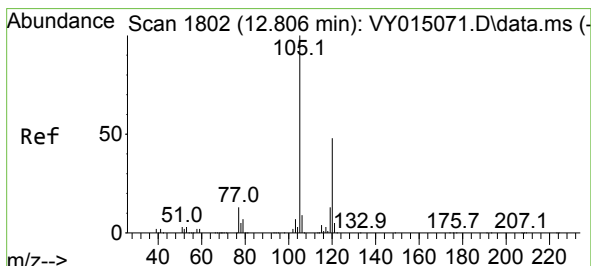
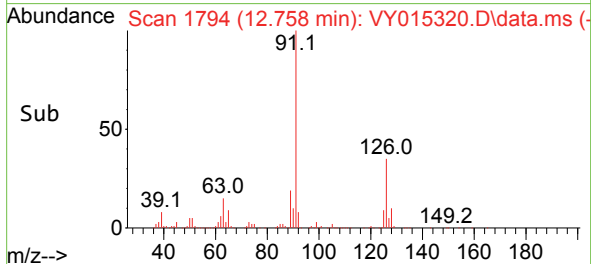
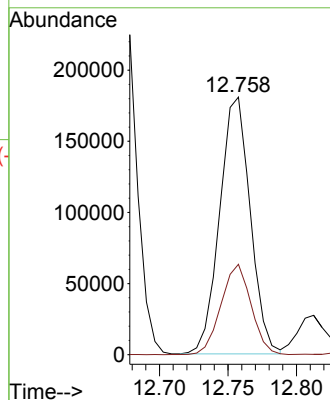
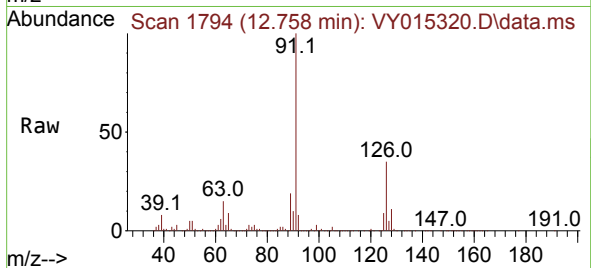
ClientSampleId :

Tgt Ion: 91 Resp: 281009

Ion Ratio Lower Upper

91 100

126 34.5 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 44.538 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015320.D

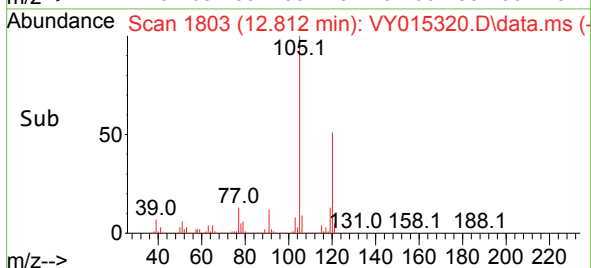
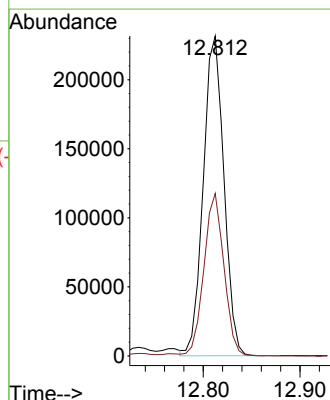
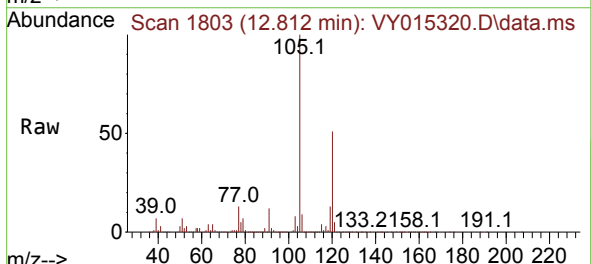
Acq: 24 Aug 2023 18:27

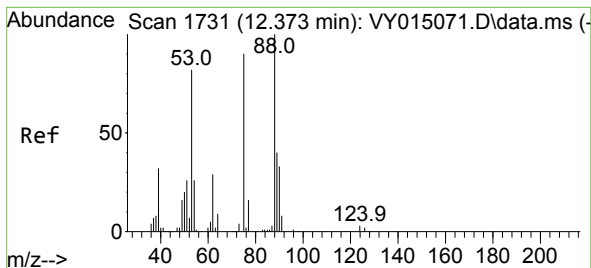
Tgt Ion: 105 Resp: 343952

Ion Ratio Lower Upper

105 100

120 50.0 23.9 71.7

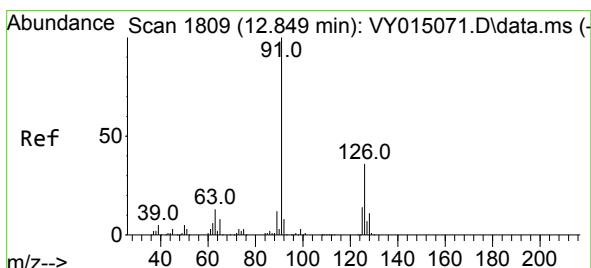
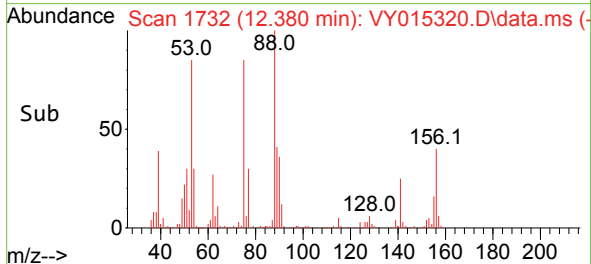
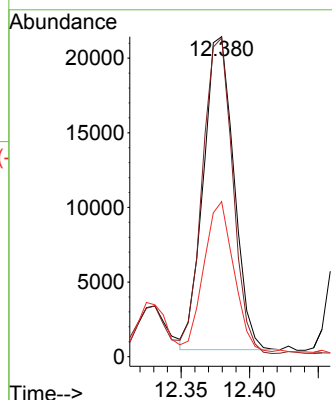
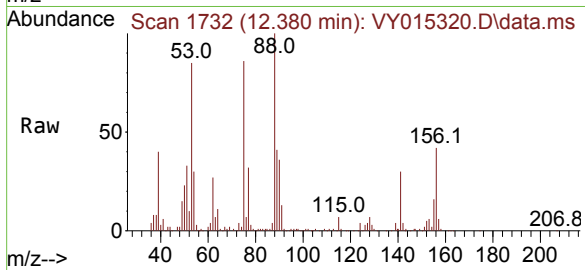




#81
trans-1,4-Dichloro-2-butene
Concen: 40.698 ug/l
RT: 12.380 min Scan# 1731
Delta R.T. 0.006 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

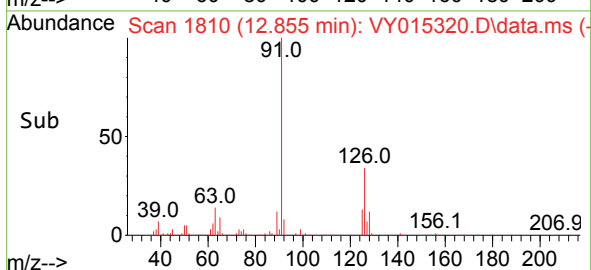
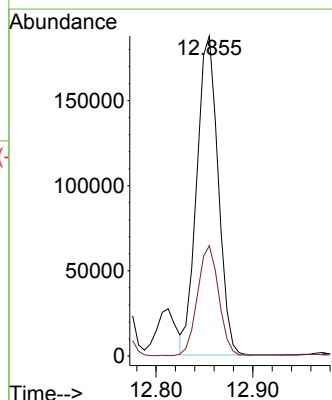
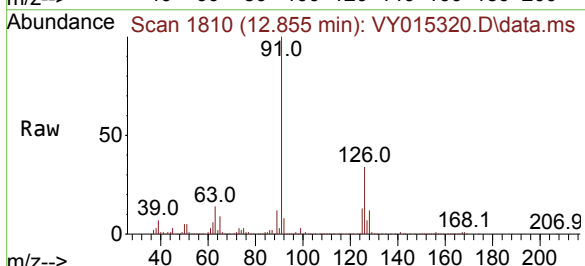
Instrument :
MSVOA_Y
ClientSampleId :

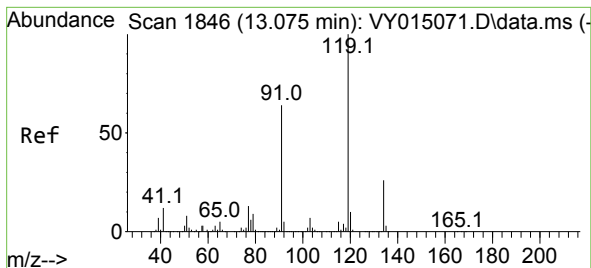
Tgt Ion: 75 Resp: 32433
Ion Ratio Lower Upper
75 100
53 100.2 77.8 116.8
89 51.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 43.983 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015320.D
Acq: 24 Aug 2023 18:27

Tgt Ion: 91 Resp: 288392
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 45.153 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015320.D

Acq: 24 Aug 2023 18:27

Instrument :

MSVOA_Y

ClientSampleId :

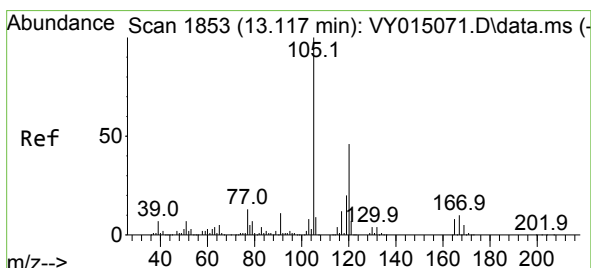
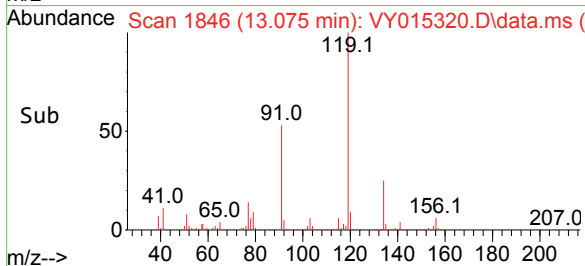
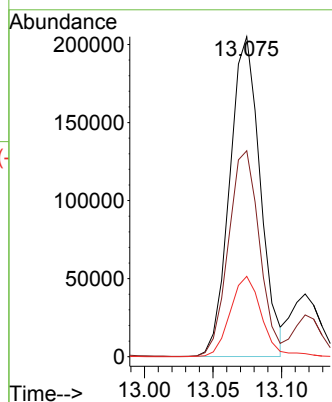
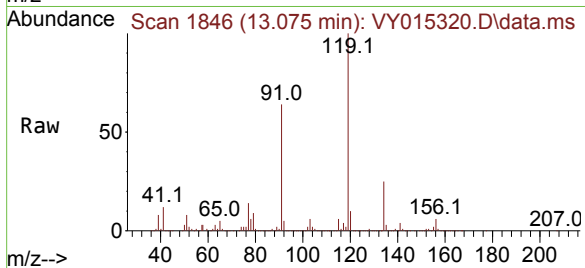
Tgt Ion:119 Resp: 318951

Ion Ratio Lower Upper

119 100

91 65.2 32.9 98.6

134 26.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 46.891 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015320.D

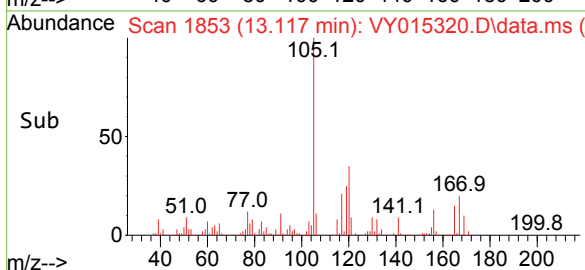
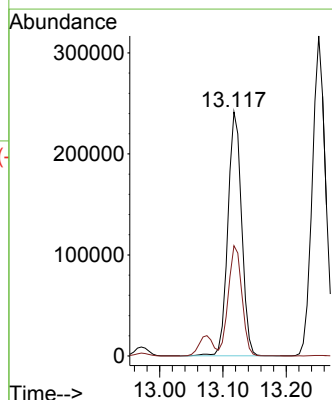
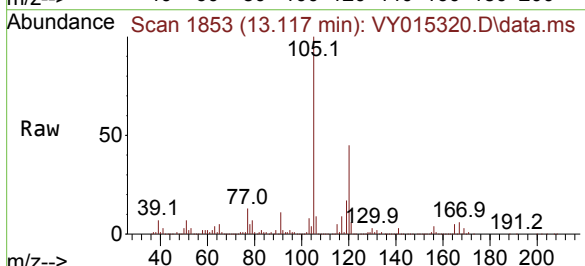
Acq: 24 Aug 2023 18:27

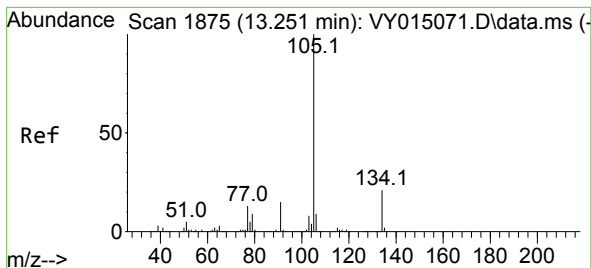
Tgt Ion:105 Resp: 361860

Ion Ratio Lower Upper

105 100

120 44.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 44.471 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015320.D

Acq: 24 Aug 2023 18:27

Instrument :

MSVOA_Y

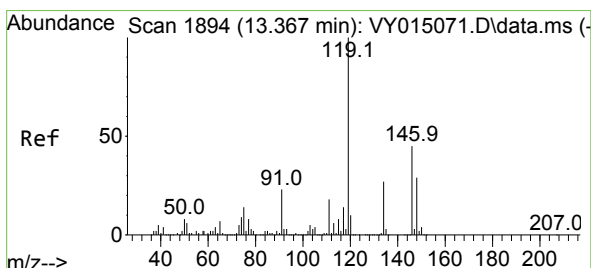
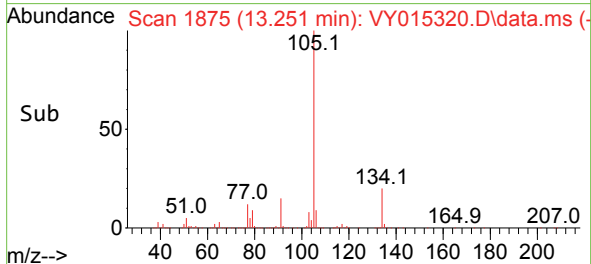
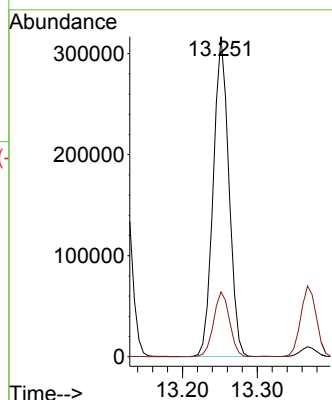
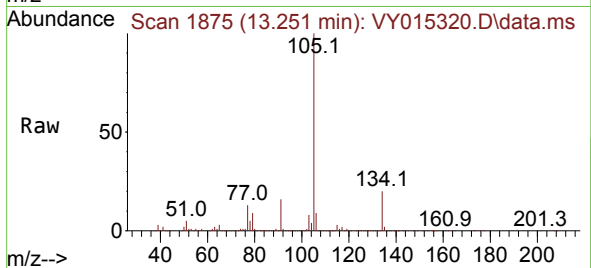
ClientSampleId :

Tgt Ion:105 Resp: 460273

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.6



#86

p-Isopropyltoluene

Concen: 44.731 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015320.D

Acq: 24 Aug 2023 18:27

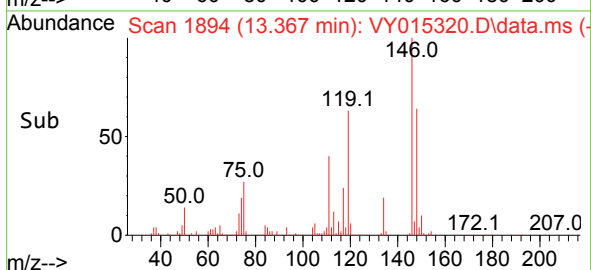
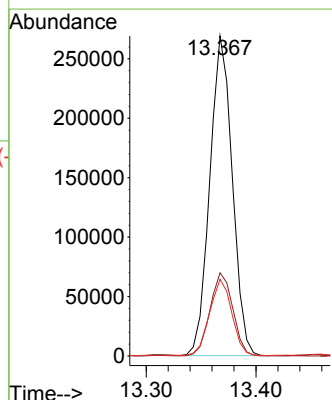
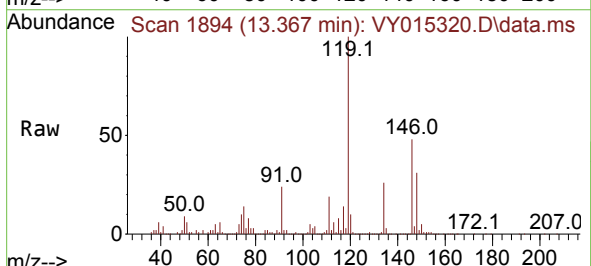
Tgt Ion:119 Resp: 383838

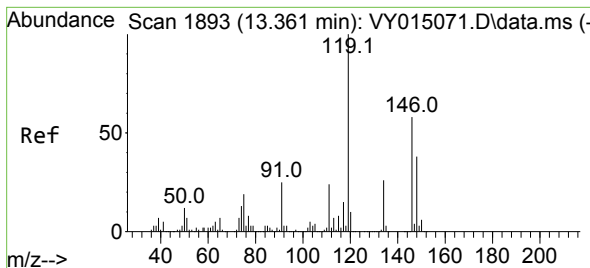
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 23.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 44.146 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY015320.D

Acq: 24 Aug 2023 18:27

Instrument :

MSVOA_Y

ClientSampleId :

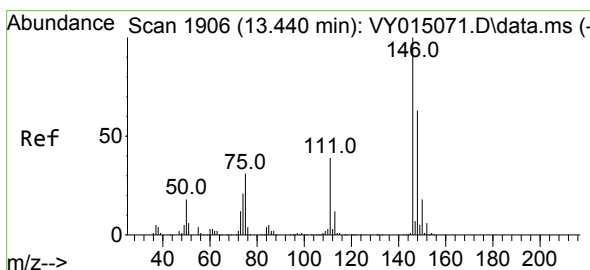
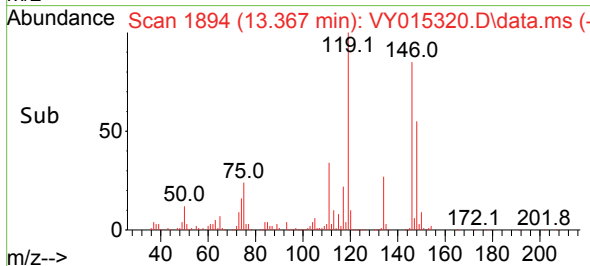
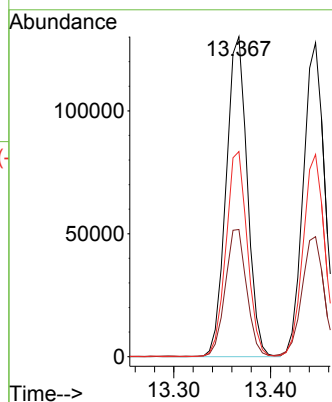
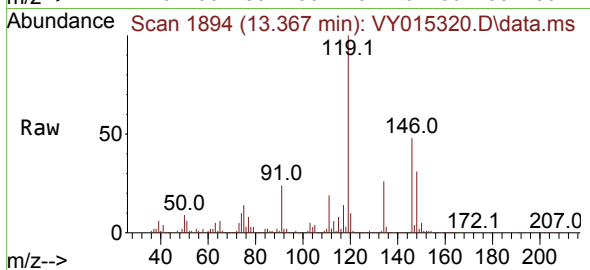
Tgt Ion:146 Resp: 197739

Ion Ratio Lower Upper

146 100

111 39.9 19.4 58.2

148 64.4 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 43.560 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015320.D

Acq: 24 Aug 2023 18:27

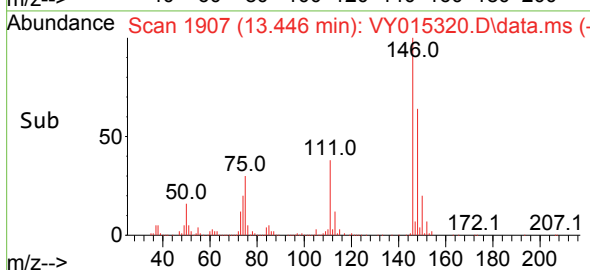
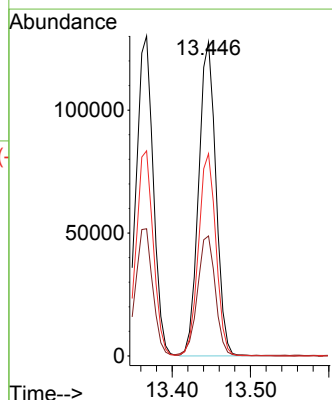
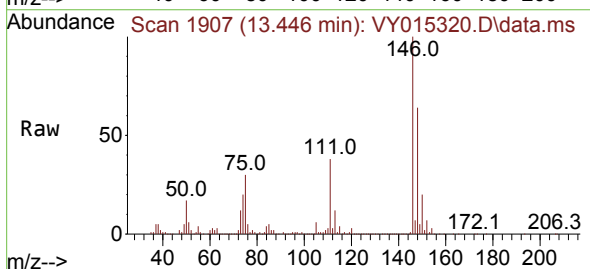
Tgt Ion:146 Resp: 195698

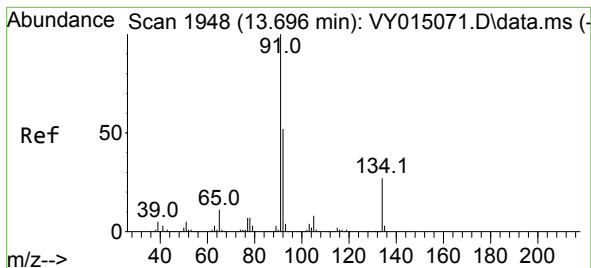
Ion Ratio Lower Upper

146 100

111 39.2 18.9 56.7

148 64.9 32.1 96.5





#89

n-Butylbenzene

Concen: 44.207 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015320.D

Acq: 24 Aug 2023 18:27

Instrument :

MSVOA_Y

ClientSampleId :

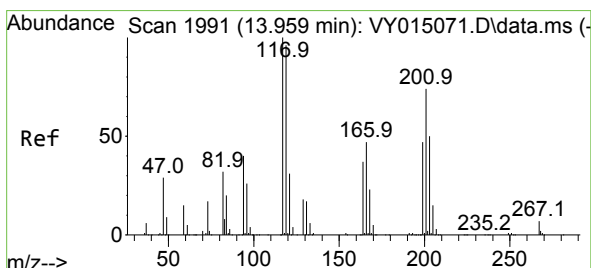
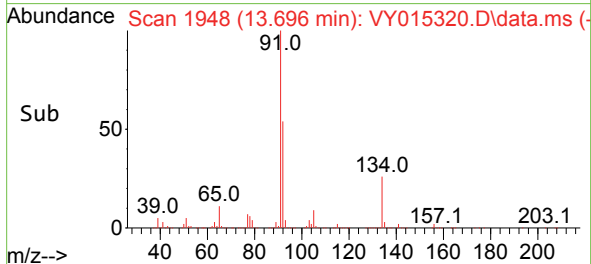
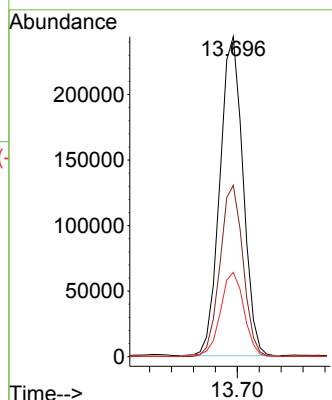
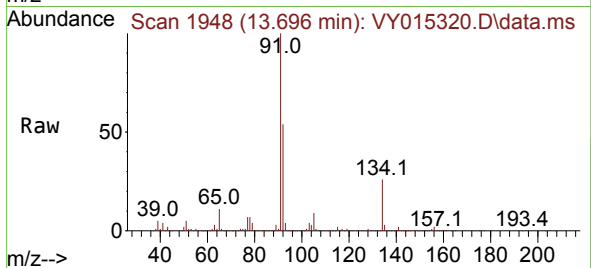
Tgt Ion: 91 Resp: 357662

Ion Ratio Lower Upper

91 100

92 53.3 25.4 76.0

134 26.9 12.6 37.6



#90

Hexachloroethane

Concen: 44.002 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015320.D

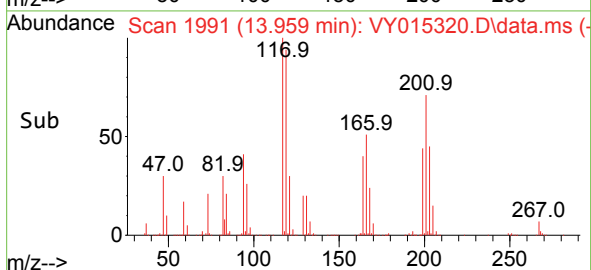
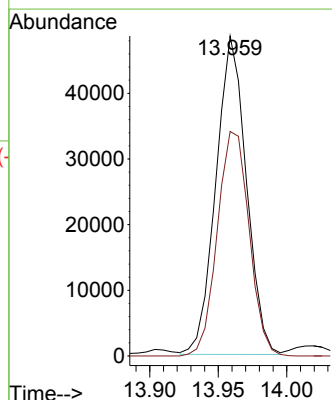
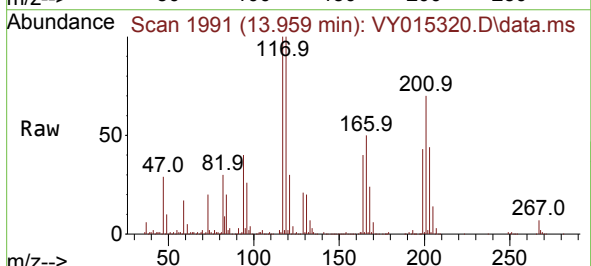
Acq: 24 Aug 2023 18:27

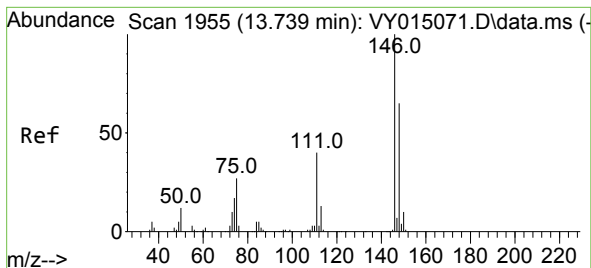
Tgt Ion: 117 Resp: 74906

Ion Ratio Lower Upper

117 100

201 73.7 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 45.536 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015320.D

Acq: 24 Aug 2023 18:27

Instrument :

MSVOA_Y

ClientSampleId :

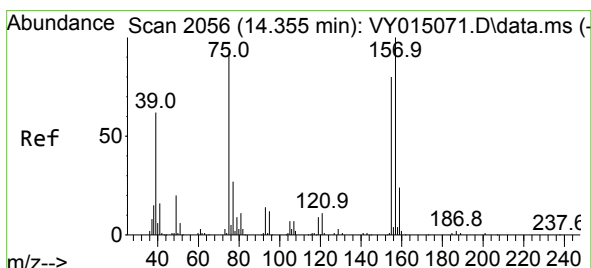
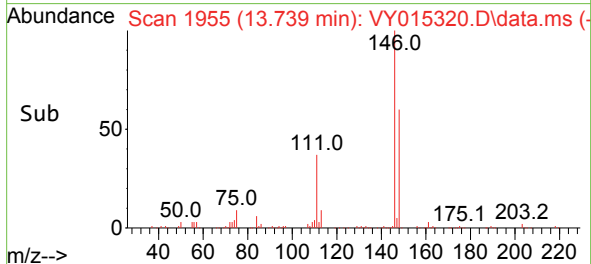
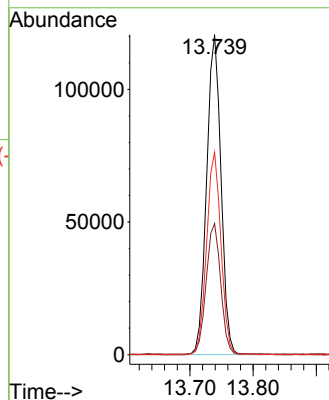
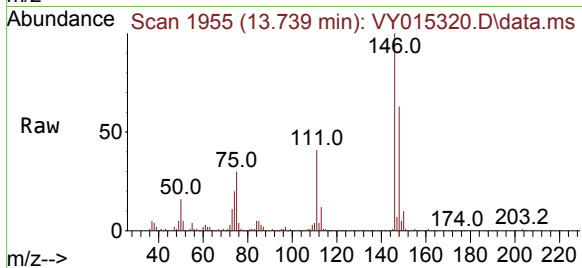
Tgt Ion:146 Resp: 190539

Ion Ratio Lower Upper

146 100

111 41.1 19.7 59.0

148 63.2 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.284 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY015320.D

Acq: 24 Aug 2023 18:27

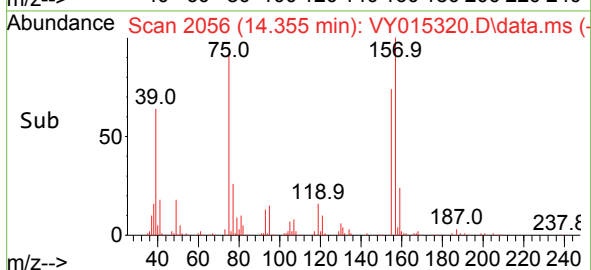
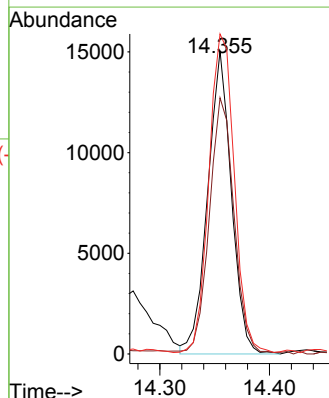
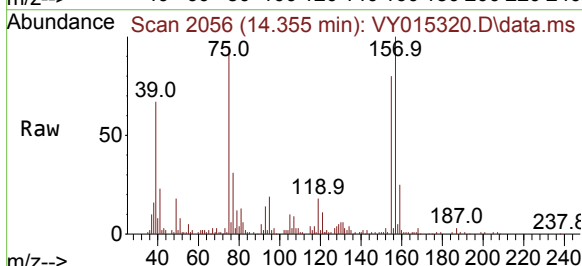
Tgt Ion: 75 Resp: 22569

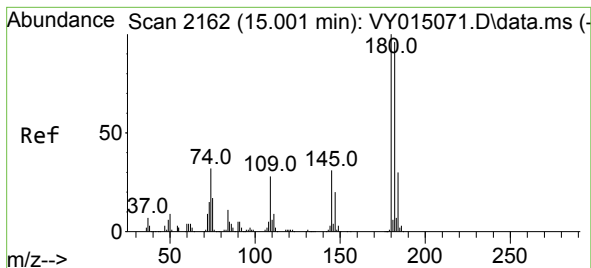
Ion Ratio Lower Upper

75 100

155 89.0 41.5 124.6

157 112.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 45.084 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY015320.D

Acq: 24 Aug 2023 18:27

Instrument :

MSVOA_Y

ClientSampleId :

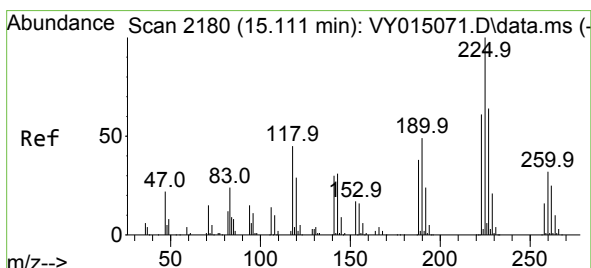
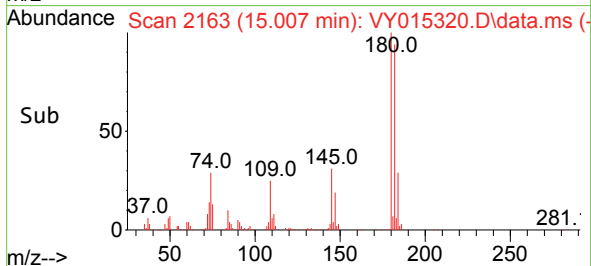
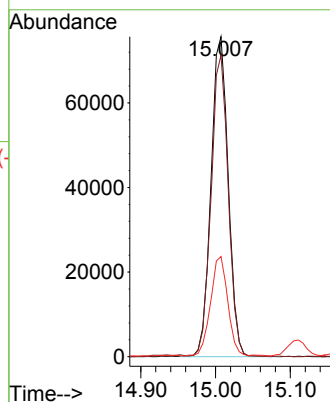
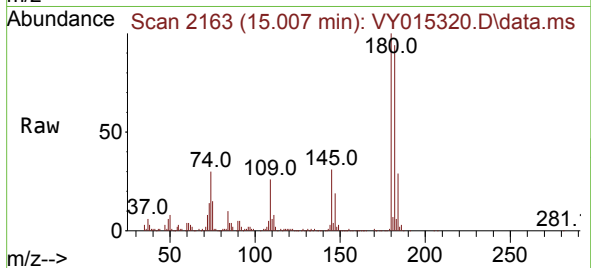
Tgt Ion:180 Resp: 121111

Ion Ratio Lower Upper

180 100

182 93.6 47.0 141.2

145 31.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 42.423 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015320.D

Acq: 24 Aug 2023 18:27

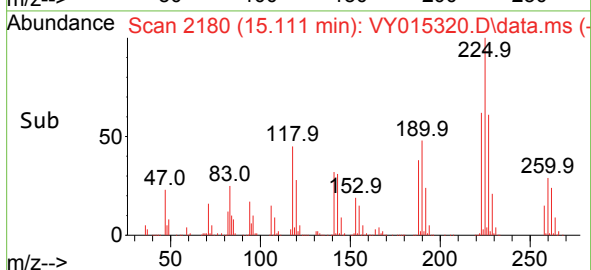
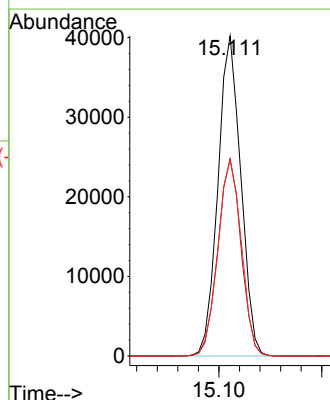
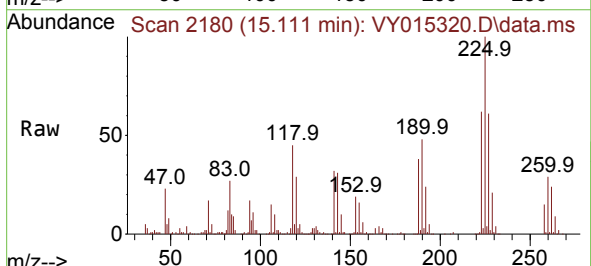
Tgt Ion:225 Resp: 61990

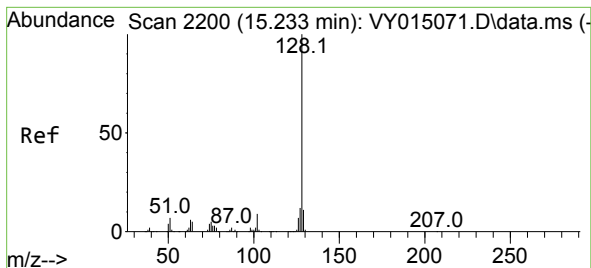
Ion Ratio Lower Upper

225 100

223 62.4 31.9 95.9

227 63.1 33.0 98.9





#95

Naphthalene

Concen: 160.432 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015320.D

Acq: 24 Aug 2023 18:27

Instrument :

MSVOA_Y

ClientSampleId :

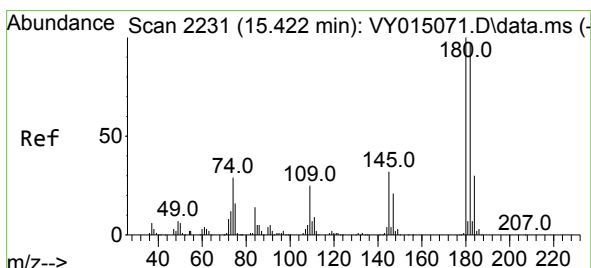
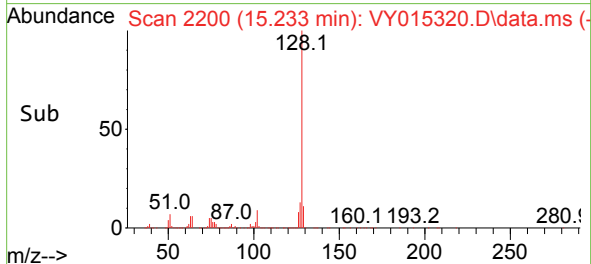
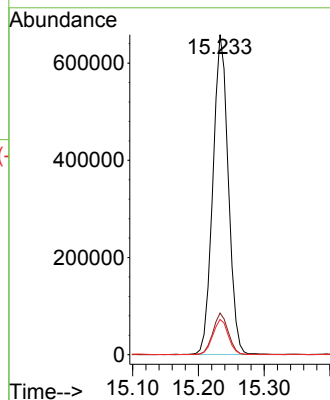
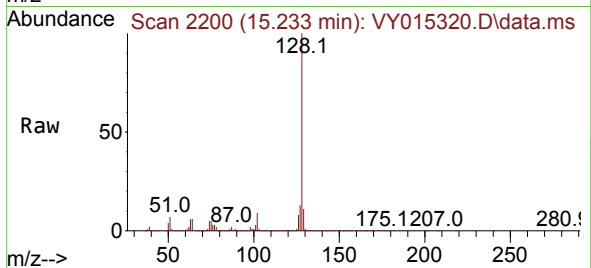
Tgt Ion:128 Resp: 1073592

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 45.501 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015320.D

Acq: 24 Aug 2023 18:27

Tgt Ion:180 Resp: 110390

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.8

145 33.7 15.4 46.2

