

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
 Data File : VY015321.D
 Acq On : 24 Aug 2023 18:50
 Operator : SY/MD
 Sample : 04109-02MS
 Misc : 6.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 25 03:24:17 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	17419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	28575	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	25262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	15042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	12473	59.651	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.300%
35) Dibromofluoromethane	7.716	113	10264	55.833	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.660%
50) Toluene-d8	10.179	98	36996	54.062	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.120%
62) 4-Bromofluorobenzene	12.477	95	12850	51.410	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.820%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	3862	51.971	ug/l	99
3) Chloromethane	2.113	50	5047	48.393	ug/l	96
4) Vinyl Chloride	2.253	62	6464	46.635	ug/l	100
5) Bromomethane	2.650	94	5496	57.884	ug/l	95
6) Chloroethane	2.796	64	4877	48.463	ug/l	95
7) Trichlorofluoromethane	3.119	101	12290	52.621	ug/l	95
8) Diethyl Ether	3.527	74	4974	54.303	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.899	101	7776	53.570	ug/l	97
10) Methyl Iodide	4.088	142	6177	43.337	ug/l	93
11) Tert butyl alcohol	4.960	59	13197	392.588	ug/l #	95
12) 1,1-Dichloroethene	3.875	96	6263	51.671	ug/l	86
13) Acrolein	3.729	56	2786	197.895	ug/l #	37
14) Allyl chloride	4.485	41	9234	42.969	ug/l	91
15) Acrylonitrile	5.155	53	23753	382.654	ug/l	99
16) Acetone	3.942	43	30311	443.732	ug/l	95
17) Carbon Disulfide	4.192	76	9207	43.162	ug/l	98
18) Methyl Acetate	4.479	43	24875	99.371	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	30348	58.885	ug/l #	67
20) Methylene Chloride	4.710	84	9903	61.454	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	6919	50.607	ug/l	97
22) Diisopropyl ether	6.118	45	27937	52.099	ug/l	98
23) Vinyl Acetate	6.064	43	76507	239.112	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	14814	51.028	ug/l #	97
25) 2-Butanone	6.984	43	37008	382.635	ug/l	100
26) 2,2-Dichloropropane	6.984	77	12933	46.212	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	9353	50.080	ug/l	97
28) Bromochloromethane	7.338	49	6699	50.226	ug/l #	95
29) Tetrahydrofuran	7.350	42	21078	364.467	ug/l	94
30) Chloroform	7.508	83	17651	54.237	ug/l	97
31) Cyclohexane	7.783	56	13108	71.268	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	14716	53.139	ug/l	97
36) 1,1-Dichloropropene	7.917	75	10383	51.053	ug/l	99
37) Ethyl Acetate	7.076	43	13179	69.520	ug/l	97
38) Carbon Tetrachloride	7.899	117	12423	51.613	ug/l	93
39) Methylcyclohexane	9.185	83	20803	91.244	ug/l	92
40) Benzene	8.161	78	32155	52.295	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	5432	55.569	ug/l #	84
42) 1,2-Dichloroethane	8.240	62	13135	58.820	ug/l	95
43) Isopropyl Acetate	8.271	43	23679	68.590	ug/l	96
44) Trichloroethene	8.935	130	9228	52.093	ug/l	92
45) 1,2-Dichloropropane	9.209	63	9321	53.758	ug/l	95
46) Dibromomethane	9.307	93	6751	61.734	ug/l	93
47) Bromodichloromethane	9.496	83	15176	58.156	ug/l	99
48) Methyl methacrylate	9.295	41	8948	60.591	ug/l #	82
49) 1,4-Dioxane	9.295	88	4176	1909.679	ug/l #	40
51) 4-Methyl-2-Pentanone	10.069	43	71016	354.943	ug/l	95
52) Toluene	10.246	92	21498	53.045	ug/l	92
53) t-1,3-Dichloropropene	10.465	75	12963	47.268	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	13871	48.026	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	15973	96.062	ug/l #	90
56) Ethyl methacrylate	10.514	69	15447	63.477	ug/l	97
57) 1,3-Dichloropropane	10.788	76	15769	58.047	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	30704	271.122	ug/l	94
59) 2-Hexanone	10.831	43	54357	367.083	ug/l	98
60) Dibromochloromethane	10.983	129	11004	55.478	ug/l	98
61) 1,2-Dibromoethane	11.087	107	9416	59.610	ug/l	85
64) Tetrachloroethene	10.721	164	9861	56.029	ug/l	92
65) Chlorobenzene	11.514	112	23629	51.336	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	10169	54.450	ug/l	99
67) Ethyl Benzene	11.593	91	67994	84.313	ug/l	99
68) m/p-Xylenes	11.703	106	32232	105.233	ug/l	97
69) o-Xylene	12.032	106	15980	52.372	ug/l	97
70) Styrene	12.044	104	26103	49.429	ug/l	99
71) Bromoform	12.209	173	7750	57.244	ug/l #	99
73) Isopropylbenzene	12.331	105	52022	53.783	ug/l	99
74) N-amyl acetate	12.142	43	14623	41.873	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	14350	56.963	ug/l	94
76) 1,2,3-Trichloropropane	12.630	75	16593	90.797	ug/l #	100
77) Bromobenzene	12.605	156	10353	43.911	ug/l	95
78) n-propylbenzene	12.672	91	83453	72.656	ug/l	99
79) 2-Chlorotoluene	12.758	91	28458	42.949	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	33315	41.320	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	2262	27.187	ug/l	93
82) 4-Chlorotoluene	12.855	91	28037	40.957	ug/l	97
83) tert-Butylbenzene	13.075	119	31735	43.032	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	34170	42.412	ug/l	97
85) sec-Butylbenzene	13.251	105	46211	42.766	ug/l	95
86) p-Isopropyltoluene	13.367	119	35469	39.591	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	18184	38.885	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	19306	41.161	ug/l	98
89) n-Butylbenzene	13.696	91	36243	42.907	ug/l	95
90) Hexachloroethane	13.971	117	10673	60.053	ug/l #	53
91) 1,2-Dichlorobenzene	13.739	146	18070	41.363	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2507	51.373	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	8376	29.865	ug/l #	89
94) Hexachlorobutadiene	15.111	225	2955	19.370	ug/l	92
95) Naphthalene	15.233	128	79161	113.306	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	7066	27.897	ug/l #	84

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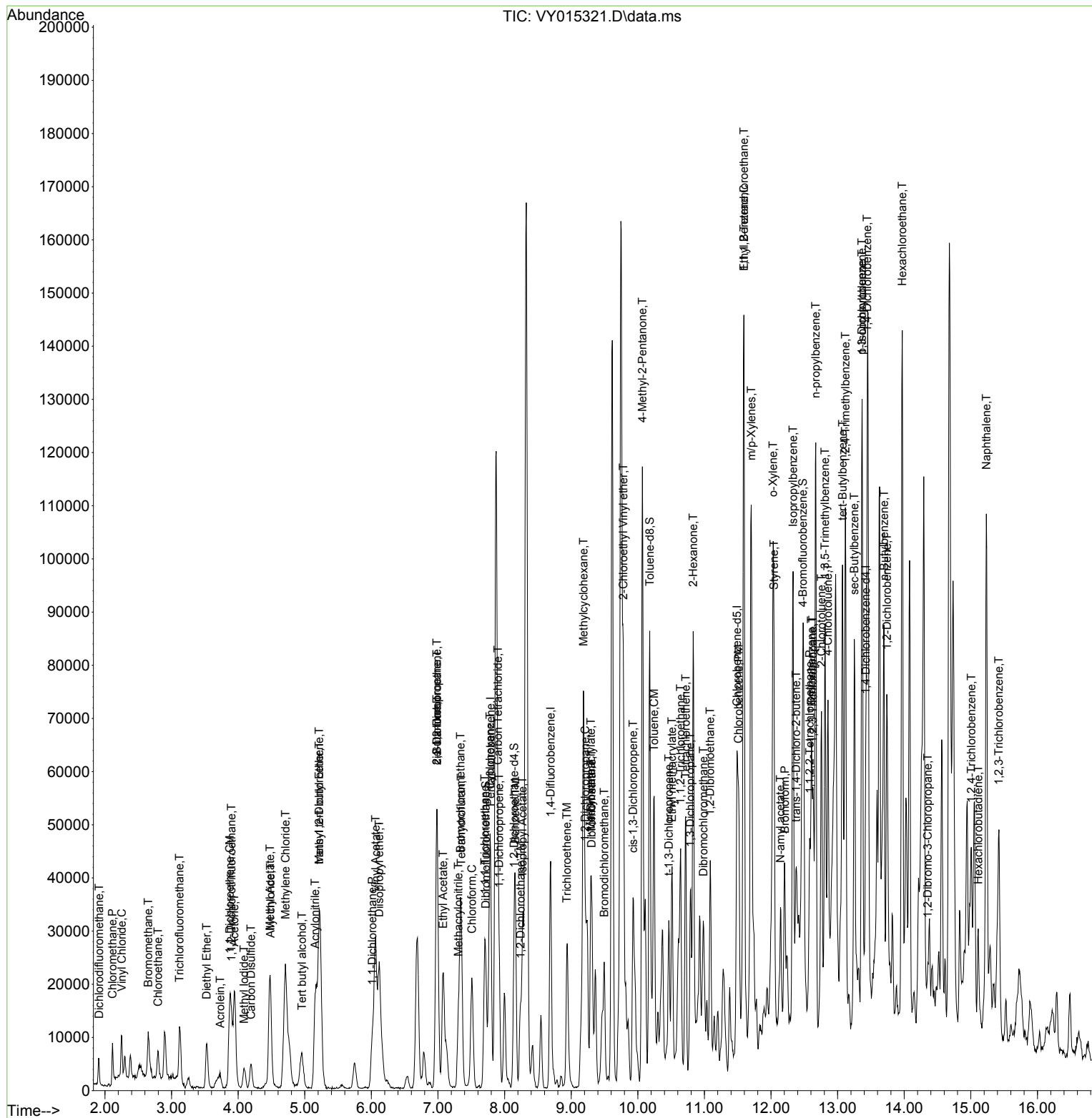
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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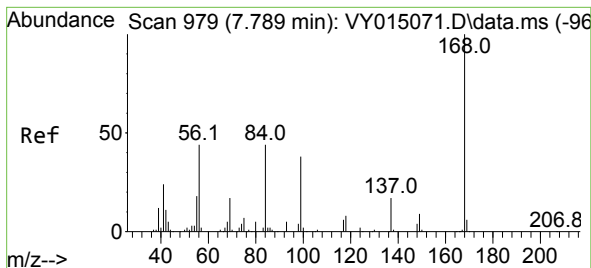
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY015321.D

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Instrument :

MSVOA_Y

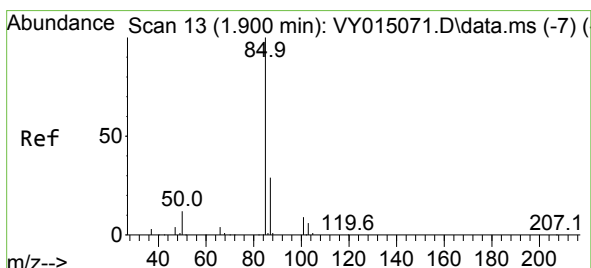
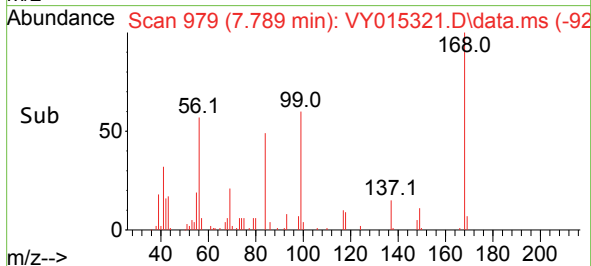
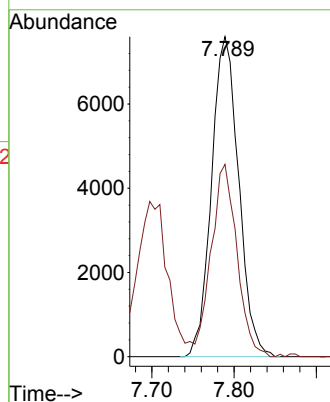
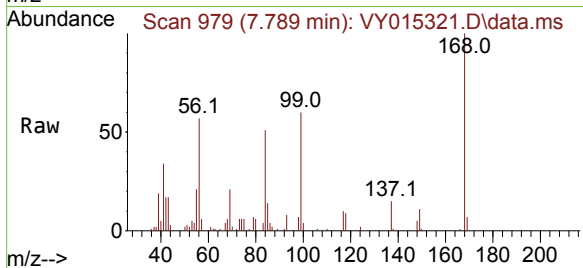
ClientSampleId :

Tgt Ion:168 Resp: 17419

Ion Ratio Lower Upper

168 100

99 59.4 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 51.971 ug/l

RT: 1.912 min Scan# 15

Delta R.T. 0.012 min

Lab File: VY015321.D

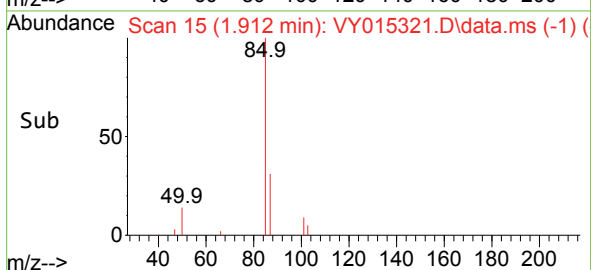
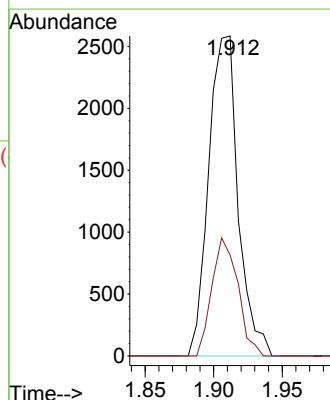
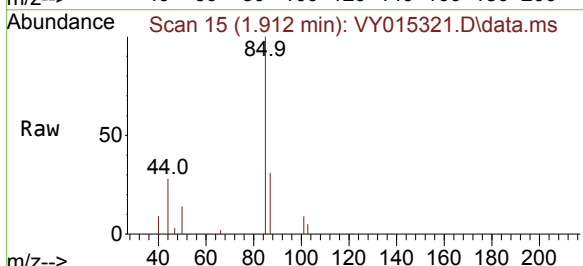
Acq: 24 Aug 2023 18:50

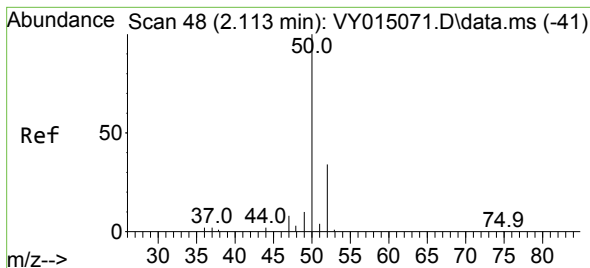
Tgt Ion: 85 Resp: 3862

Ion Ratio Lower Upper

85 100

87 31.5 15.6 46.8





#3

Chloromethane

Concen: 48.393 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

Instrument :

MSVOA_Y

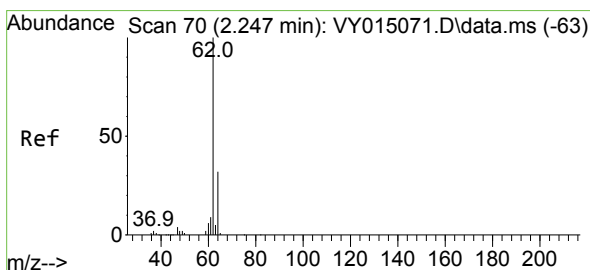
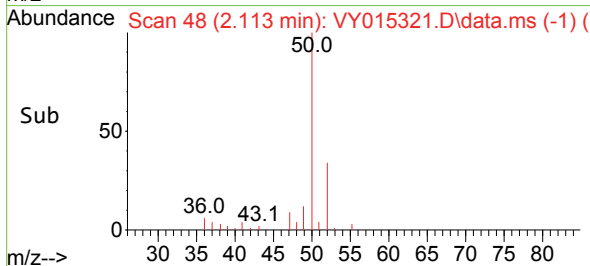
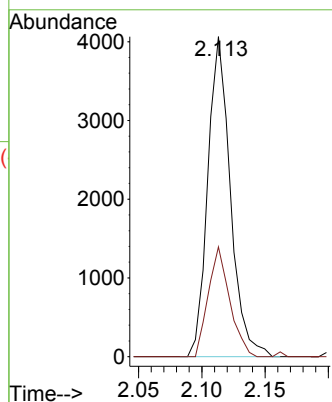
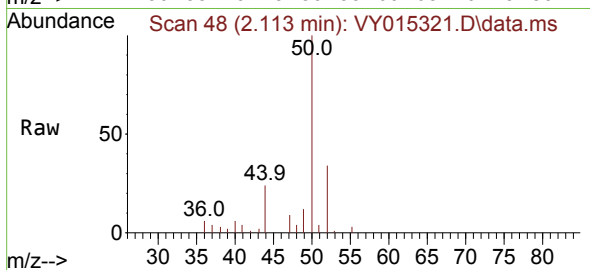
ClientSampleId :

Tgt Ion: 50 Resp: 5047

Ion Ratio Lower Upper

50 100

52 34.3 25.4 38.2



#4

Vinyl Chloride

Concen: 46.635 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.006 min

Lab File: VY015321.D

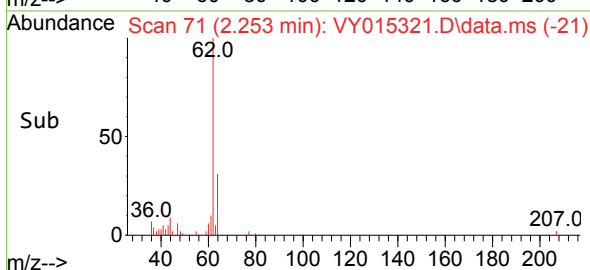
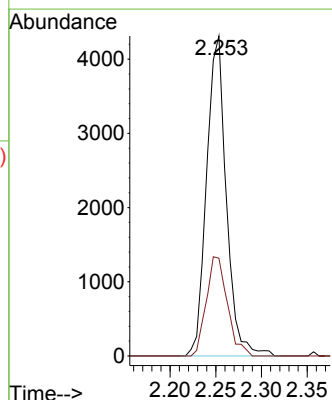
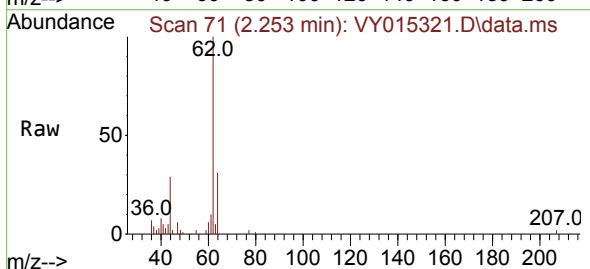
Acq: 24 Aug 2023 18:50

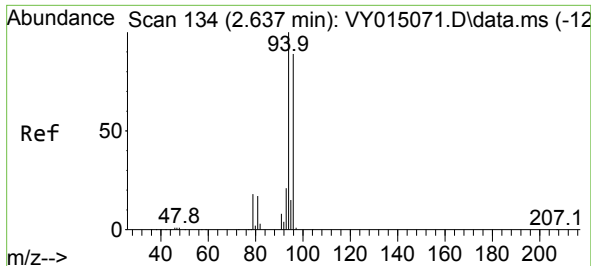
Tgt Ion: 62 Resp: 6464

Ion Ratio Lower Upper

62 100

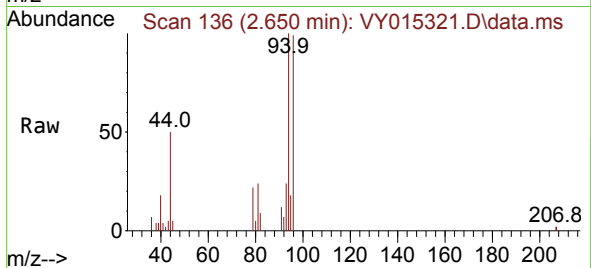
64 30.6 24.3 36.5



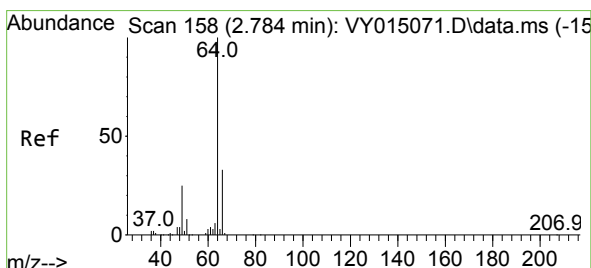
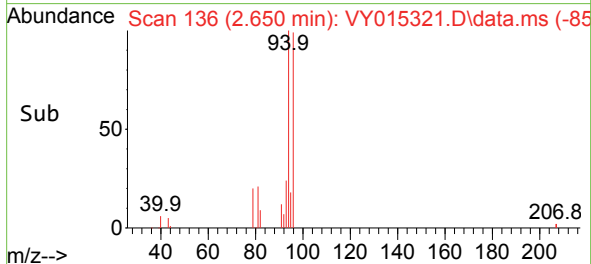
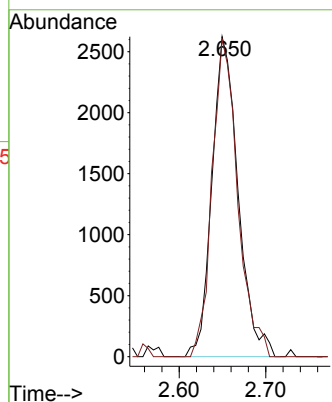


#5
Bromomethane
Concen: 57.884 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.013 min
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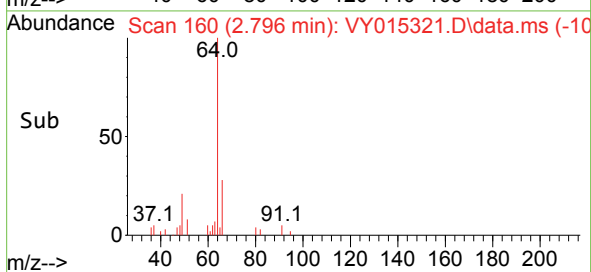
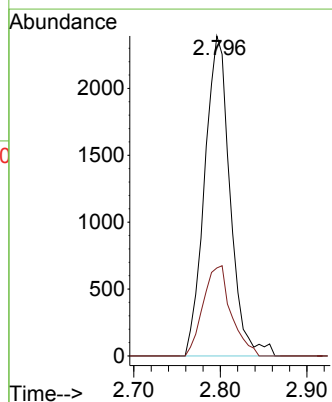
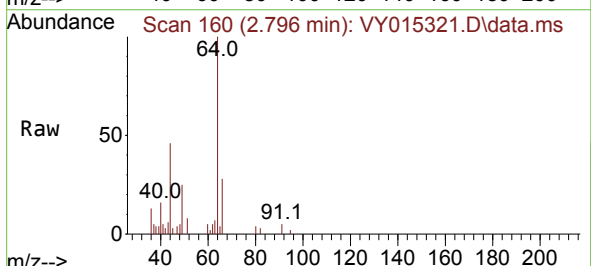


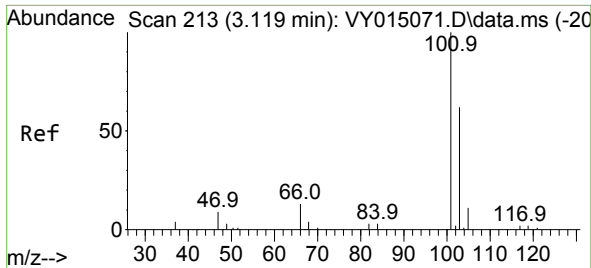
Tgt Ion: 94 Resp: 5496
Ion Ratio Lower Upper
94 100
96 99.2 75.8 113.6



#6
Chloroethane
Concen: 48.463 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.012 min
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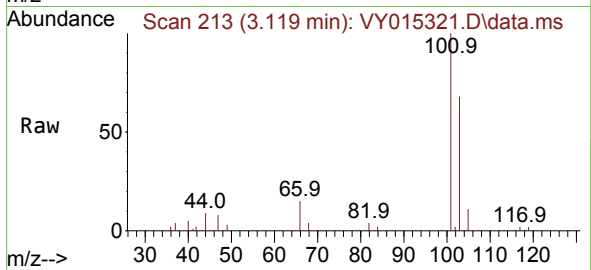
Tgt Ion: 64 Resp: 4877
Ion Ratio Lower Upper
64 100
66 27.5 24.4 36.6



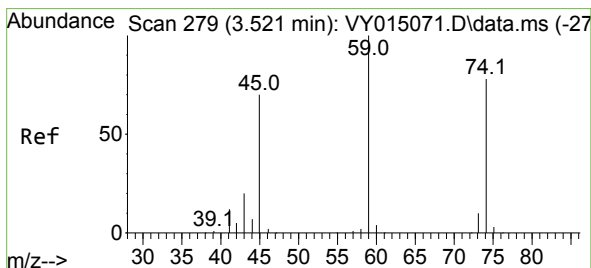
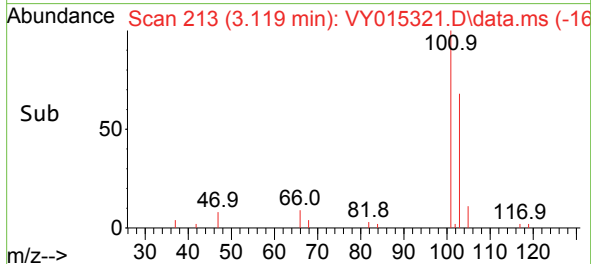
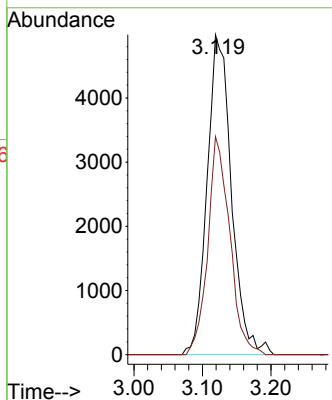


#7
Trichlorofluoromethane
Concen: 52.621 ug/l
RT: 3.119 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY015321.D
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Instrument :
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ClientSampleId :

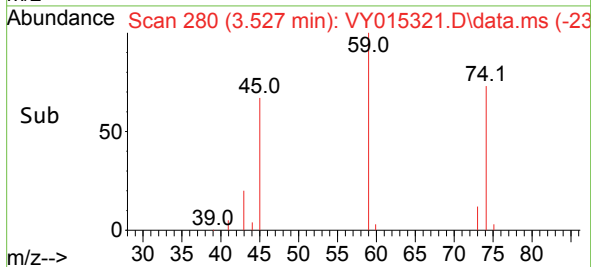
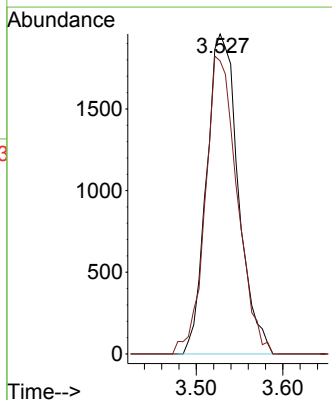
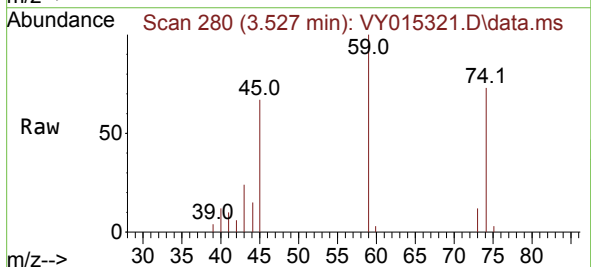


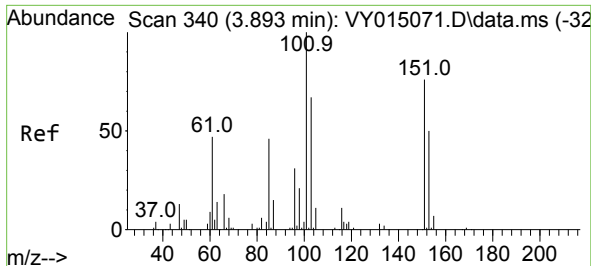
Tgt Ion:101 Resp: 12290
Ion Ratio Lower Upper
101 100
103 68.2 51.4 77.0



#8
Diethyl Ether
Concen: 54.303 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.006 min
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Acq: 24 Aug 2023 18:50

Tgt Ion: 74 Resp: 4974
Ion Ratio Lower Upper
74 100
45 93.7 51.5 154.5

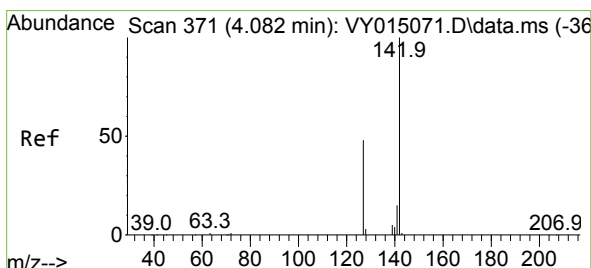
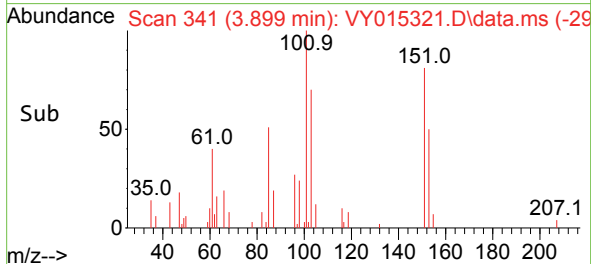
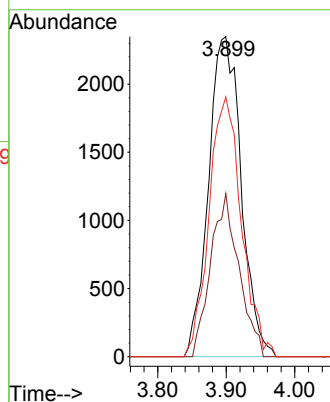
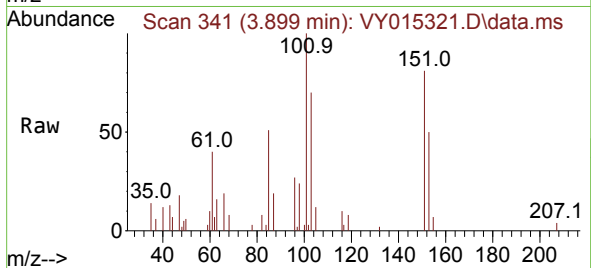




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.570 ug/l
RT: 3.899 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY015321.D
Acq: 24 Aug 2023 18:50

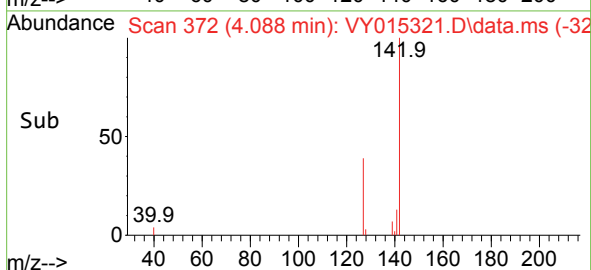
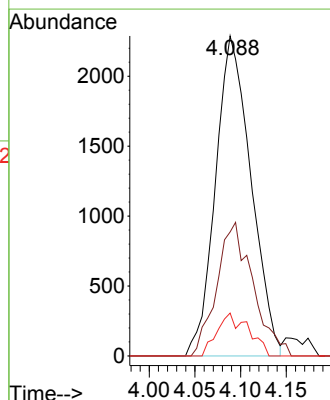
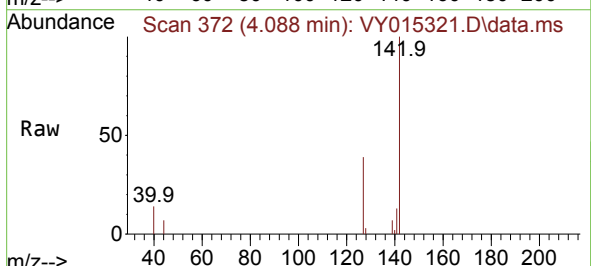
Instrument :
MSVOA_Y
ClientSampleId :

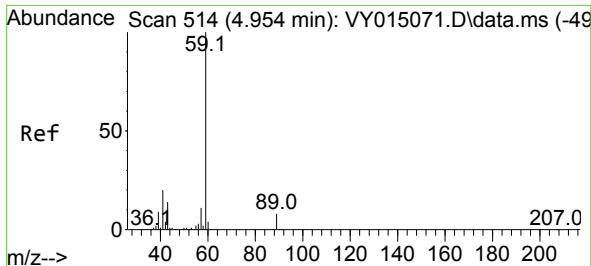
Tgt Ion:101	Resp:	7776
Ion	Ratio	Lower Upper
101	100	
85	44.2	36.6 55.0
151	80.3	67.0 100.6



#10
Methyl Iodide
Concen: 43.337 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015321.D
Acq: 24 Aug 2023 18:50

Tgt Ion:142	Resp:	6177
Ion	Ratio	Lower Upper
142	100	
127	42.6	37.6 56.4
141	11.9	11.8 17.8

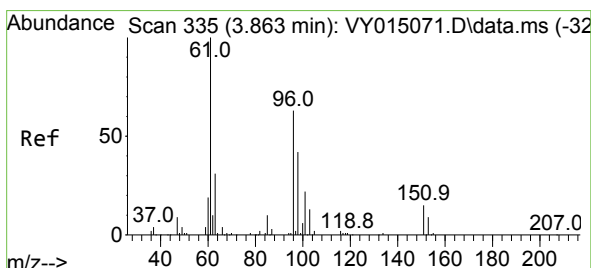
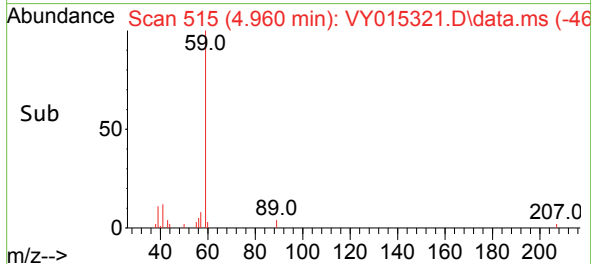
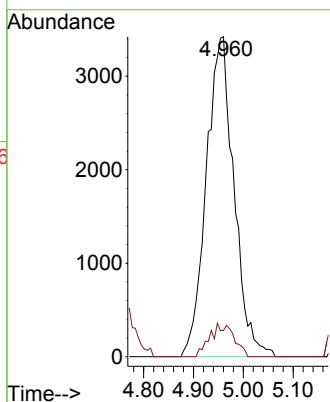
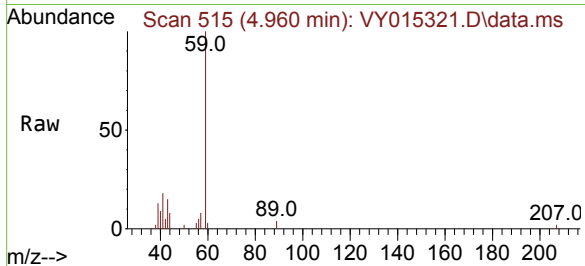




#11
Tert butyl alcohol
Concen: 392.588 ug/l
RT: 4.960 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY015321.D
Acq: 24 Aug 2023 18:50

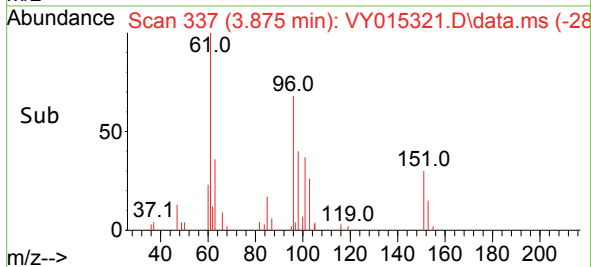
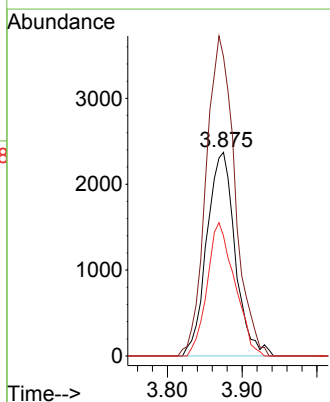
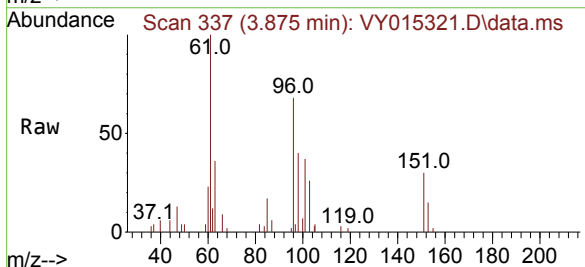
Instrument :
MSVOA_Y
ClientSampleId :

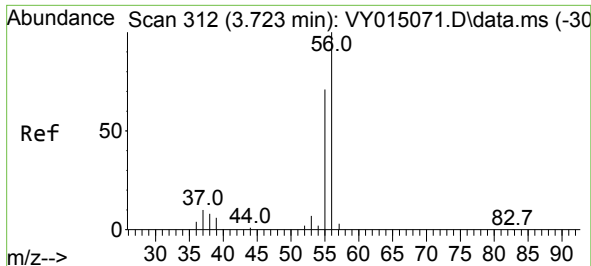
Tgt Ion: 59 Resp: 13197
Ion Ratio Lower Upper
59 100
57 5.2 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 51.671 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.012 min
Lab File: VY015321.D
Acq: 24 Aug 2023 18:50

Tgt Ion: 96 Resp: 6263
Ion Ratio Lower Upper
96 100
61 146.8 136.4 204.6
98 58.9 49.4 74.2





#13

Acrolein

Concen: 197.895 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

Instrument :

MSVOA_Y

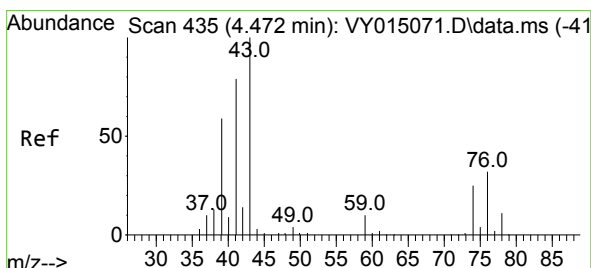
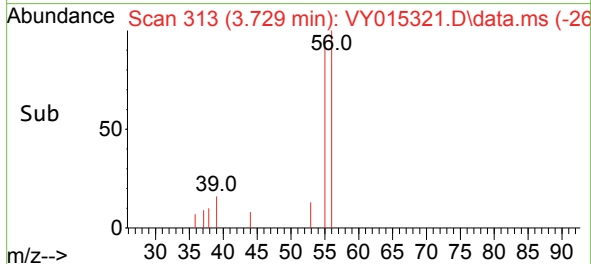
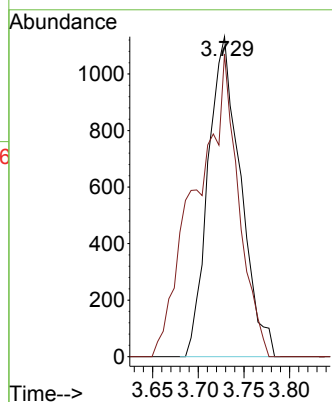
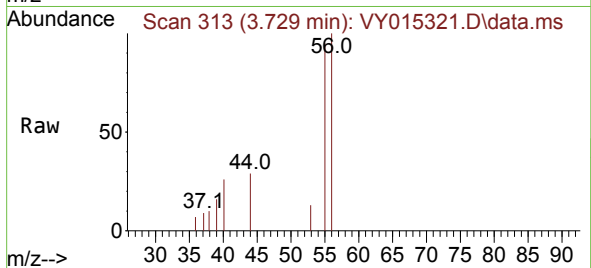
ClientSampleId :

Tgt Ion: 56 Resp: 2786

Ion Ratio Lower Upper

56 100

55 123.3 57.0 85.4#



#14

Allyl chloride

Concen: 42.969 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.012 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

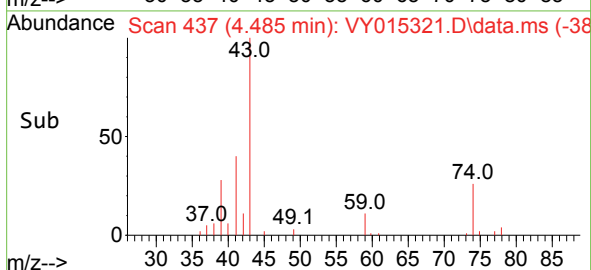
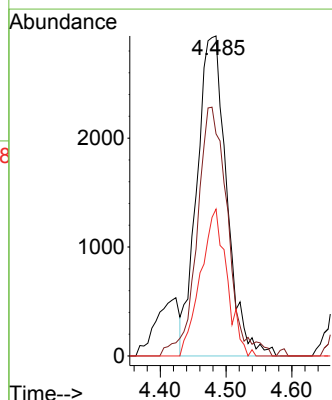
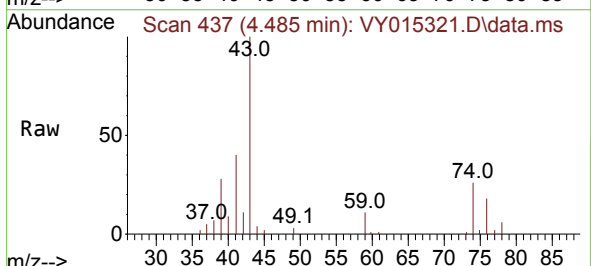
Tgt Ion: 41 Resp: 9234

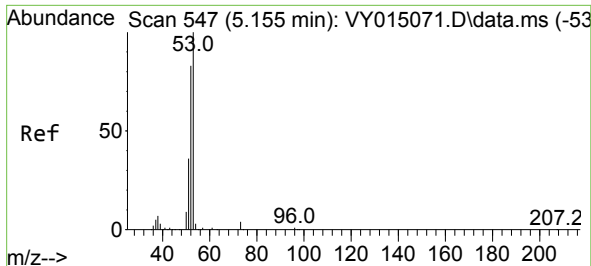
Ion Ratio Lower Upper

41 100

39 79.4 58.0 87.0

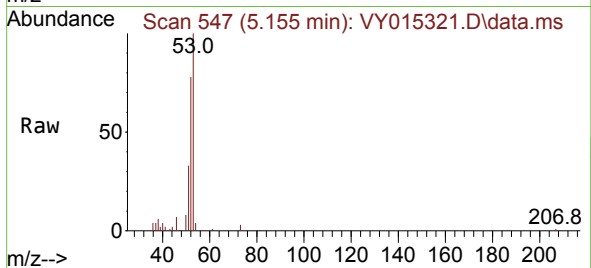
76 40.7 27.4 41.2



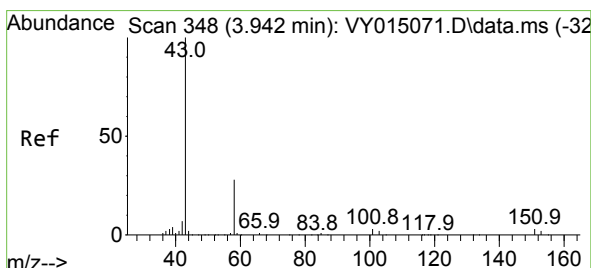
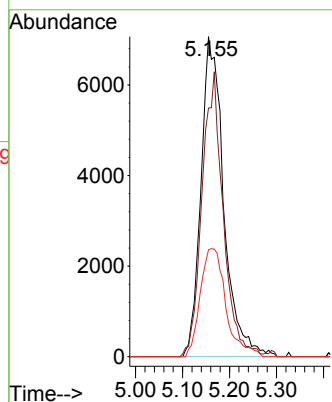
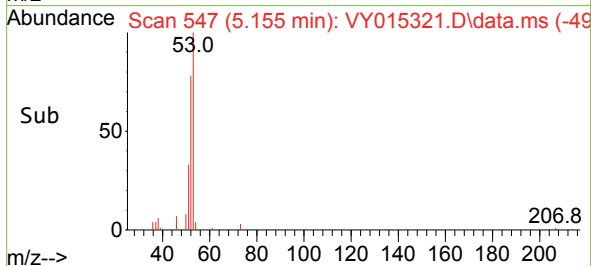


#15
Acrylonitrile
Concen: 382.654 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY015321.D
Acq: 24 Aug 2023 18:50

Instrument :
MSVOA_Y
ClientSampleId :

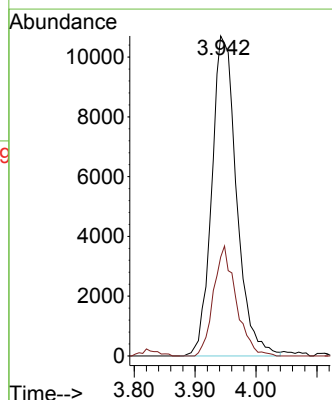
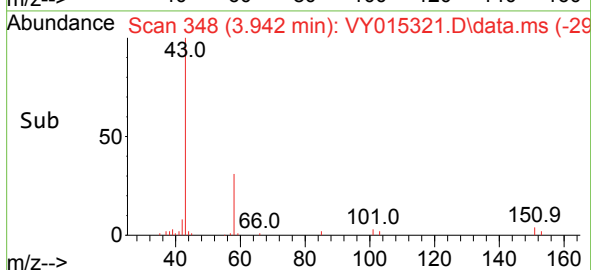
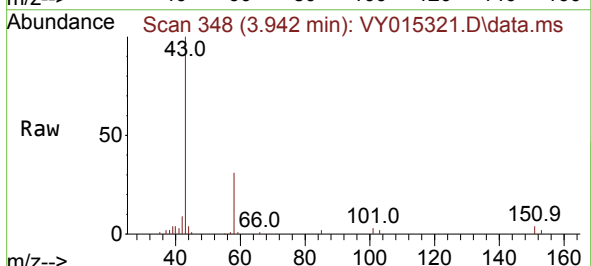


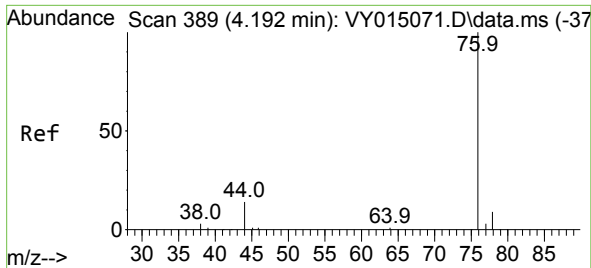
Tgt Ion: 53 Resp: 23753
Ion Ratio Lower Upper
53 100
52 82.8 66.9 100.3
51 38.0 29.8 44.6



#16
Acetone
Concen: 443.732 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015321.D
Acq: 24 Aug 2023 18:50

Tgt Ion: 43 Resp: 30311
Ion Ratio Lower Upper
43 100
58 30.9 22.7 34.1

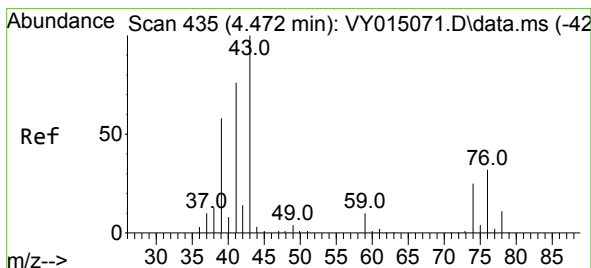
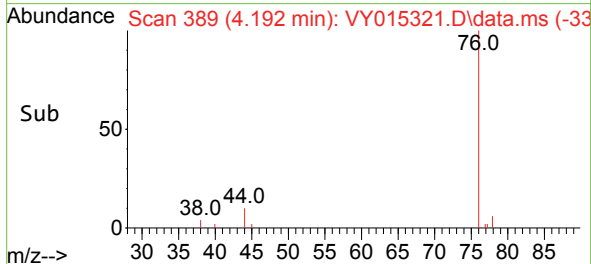
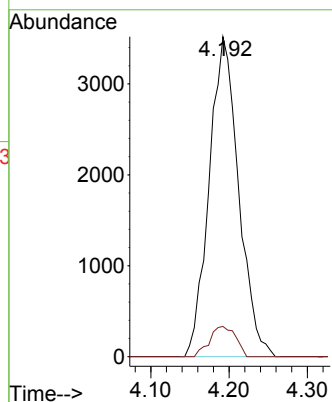
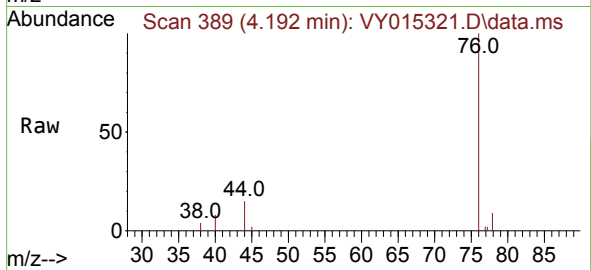




#17
Carbon Disulfide
Concen: 43.162 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015321.D
Acq: 24 Aug 2023 18:50

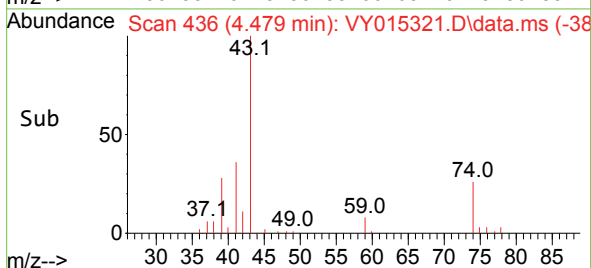
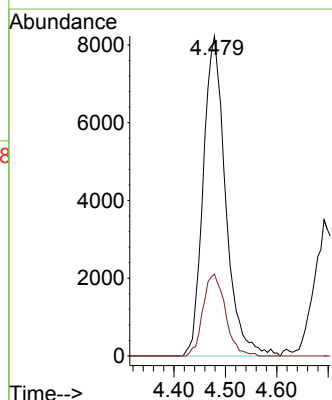
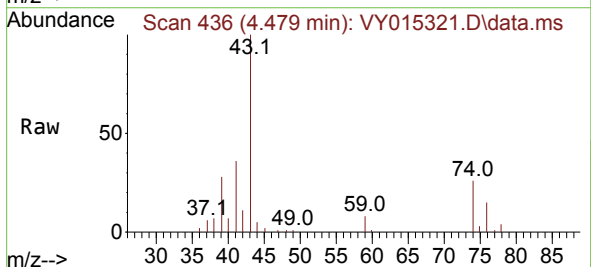
Instrument :
MSVOA_Y
ClientSampleId :

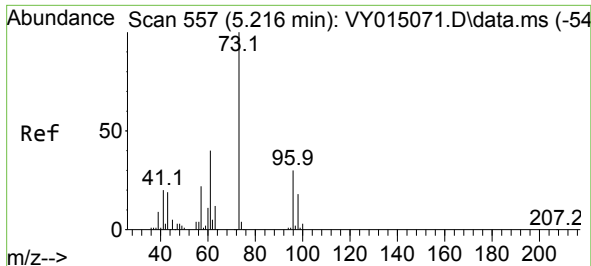
Tgt Ion: 76 Resp: 9207
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 99.371 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.013 min
Lab File: VY015321.D
Acq: 24 Aug 2023 18:50

Tgt Ion: 43 Resp: 24875
Ion Ratio Lower Upper
43 100
74 25.6 17.4 26.0

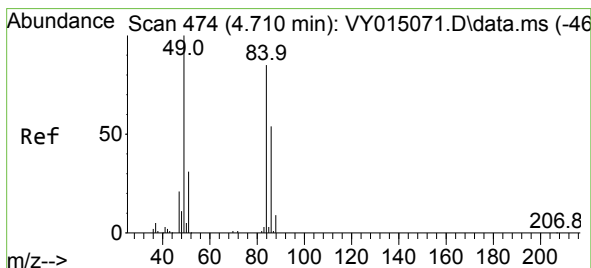
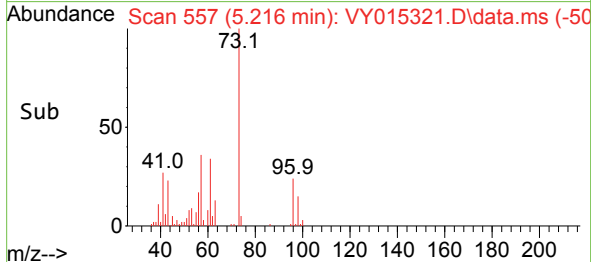
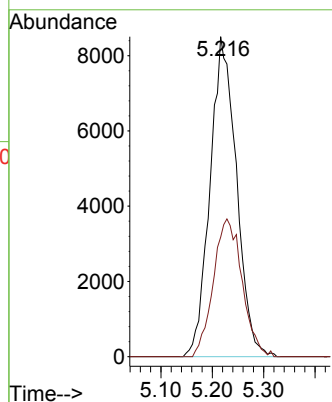
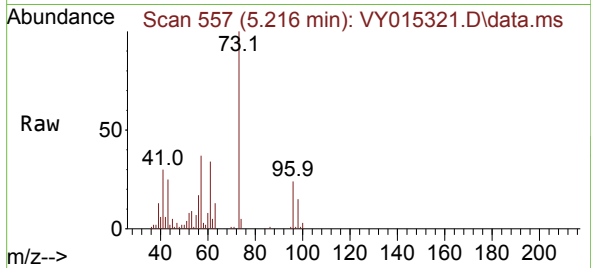




#19
Methyl tert-butyl Ether
Concen: 58.885 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015321.D
Acq: 24 Aug 2023 18:50

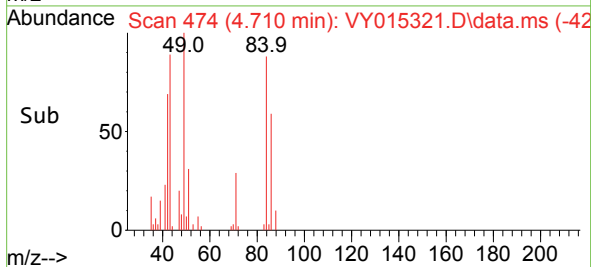
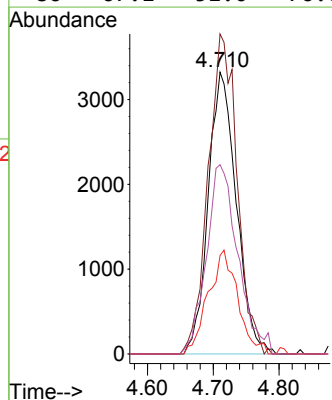
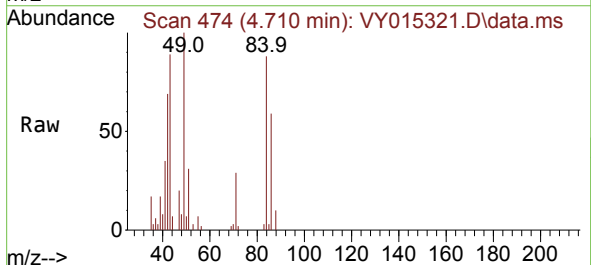
Instrument :
MSVOA_Y
ClientSampleId :

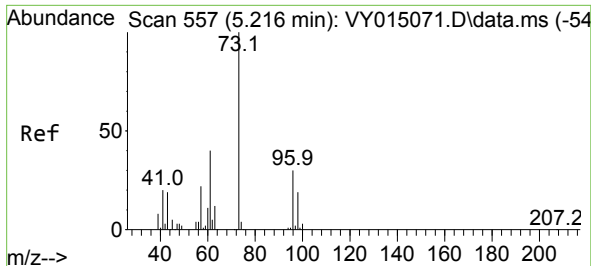
Tgt Ion: 73 Resp: 30348
Ion Ratio Lower Upper
73 100
57 37.4 17.3 25.9#



#20
Methylene Chloride
Concen: 61.454 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015321.D
Acq: 24 Aug 2023 18:50

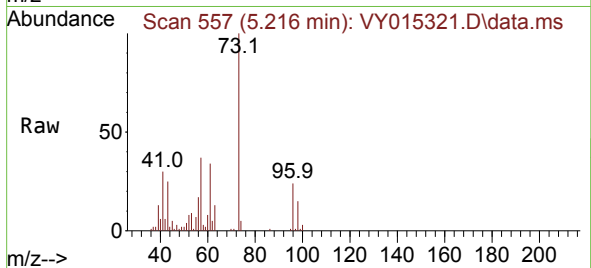
Tgt Ion: 84 Resp: 9903
Ion Ratio Lower Upper
84 100
49 113.5 106.9 160.3
51 34.9 33.2 49.8
86 67.1 51.0 76.6



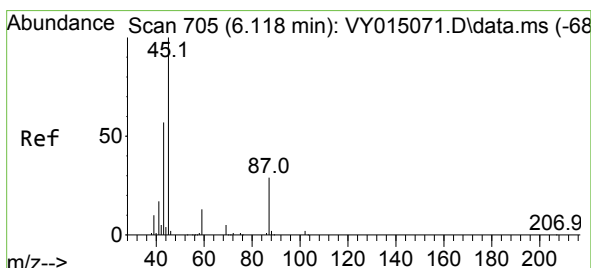
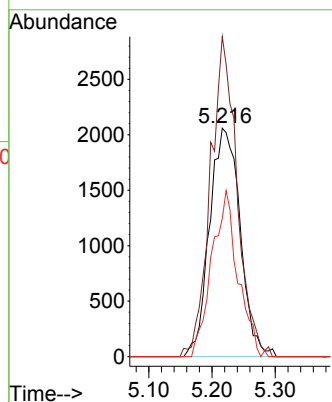
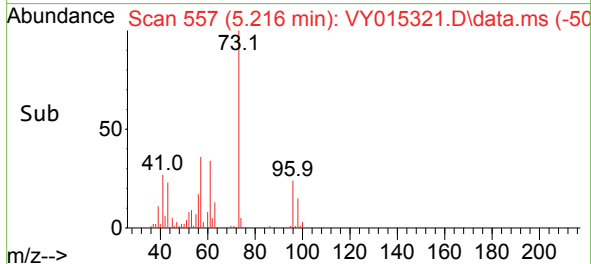


#21
trans-1,2-Dichloroethene
Concen: 50.607 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015321.D
Acq: 24 Aug 2023 18:50

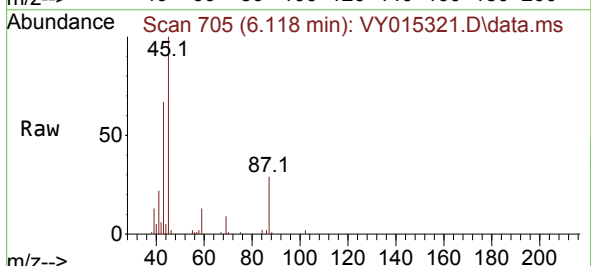
Instrument :
MSVOA_Y
ClientSampleId :



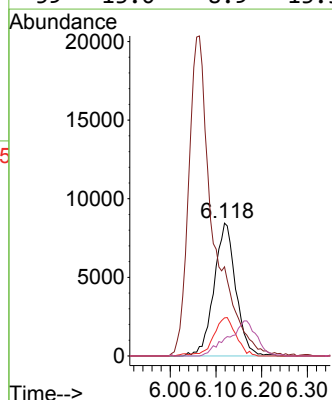
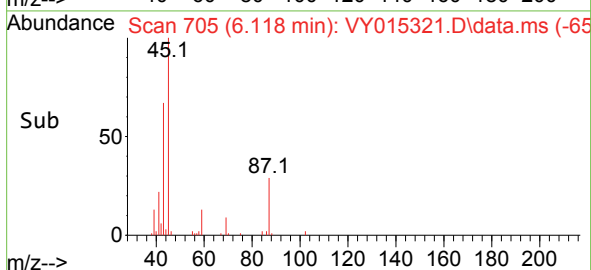
Tgt Ion: 96 Resp: 6919
Ion Ratio Lower Upper
96 100
61 140.0 110.2 165.4
98 60.4 51.8 77.6

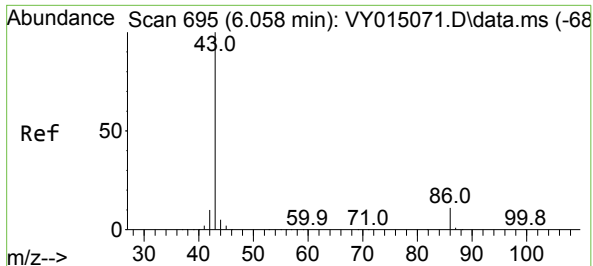


#22
Diisopropyl ether
Concen: 52.099 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015321.D
Acq: 24 Aug 2023 18:50



Tgt Ion: 45 Resp: 27937
Ion Ratio Lower Upper
45 100
43 65.2 52.2 78.4
87 28.6 21.0 31.6
59 13.0 8.9 13.3

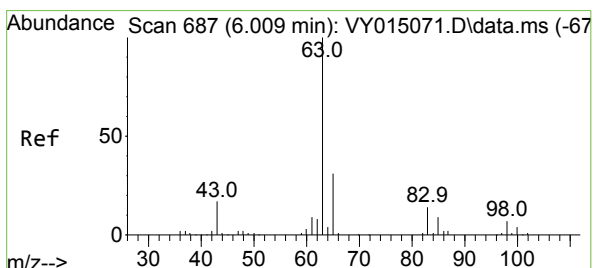
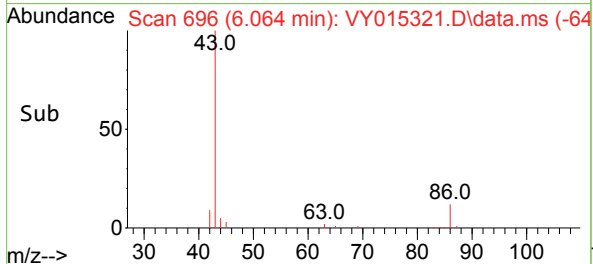
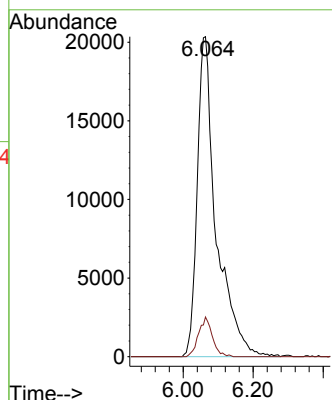
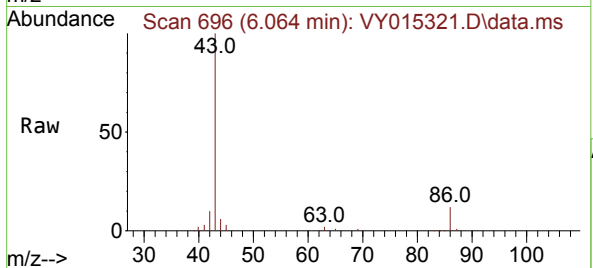




#23
 Vinyl Acetate
 Concen: 239.112 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.012 min
 Lab File: VY015321.D
 Acq: 24 Aug 2023 18:50

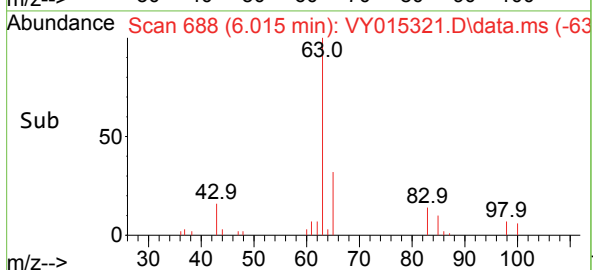
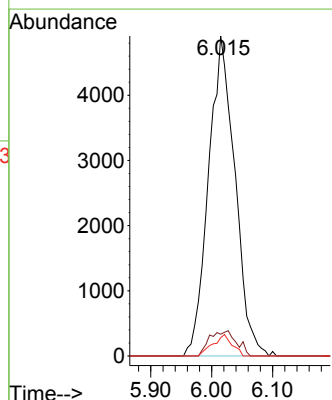
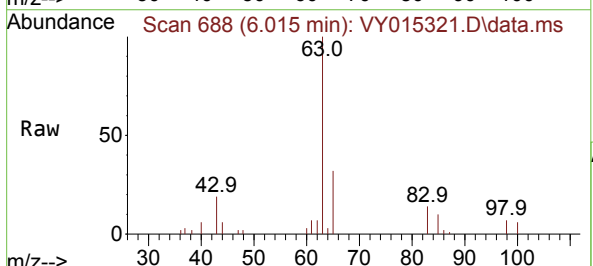
Instrument :
 MSVOA_Y
 ClientSampleId :

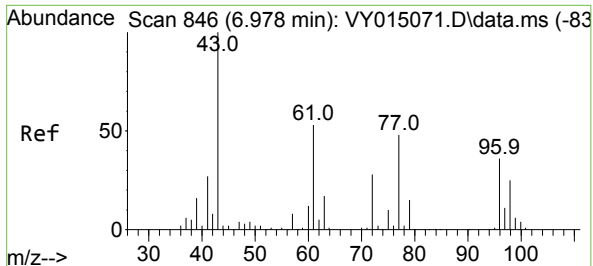
Tgt Ion: 43 Resp: 76507
 Ion Ratio Lower Upper
 43 100
 86 12.4 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 51.028 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY015321.D
 Acq: 24 Aug 2023 18:50

Tgt Ion: 63 Resp: 14814
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.1 9.4
 100 5.7 1.8 5.5#





#25

2-Butanone

Concen: 382.635 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

Instrument :

MSVOA_Y

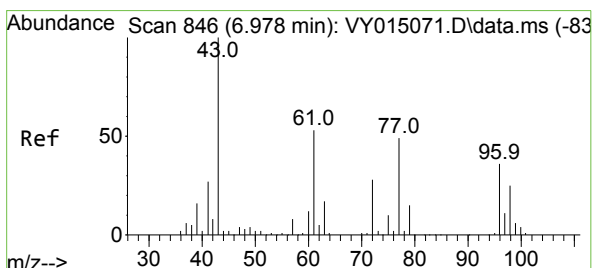
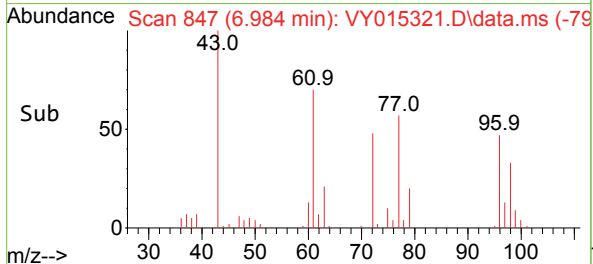
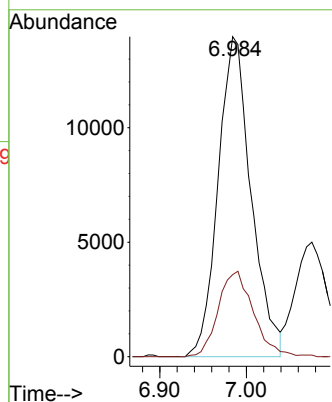
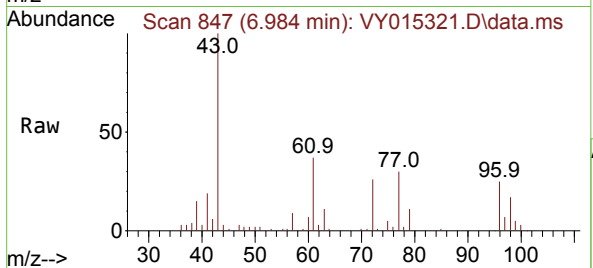
ClientSampleId :

Tgt Ion: 43 Resp: 37008

Ion Ratio Lower Upper

43 100

72 25.6 20.5 30.7



#26

2,2-Dichloropropane

Concen: 46.212 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY015321.D

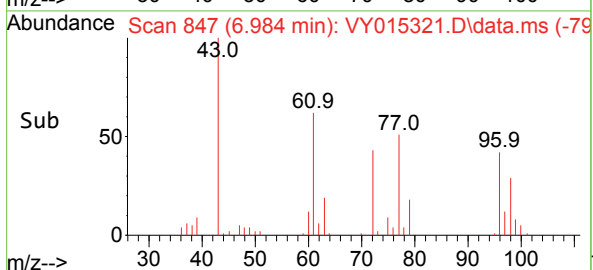
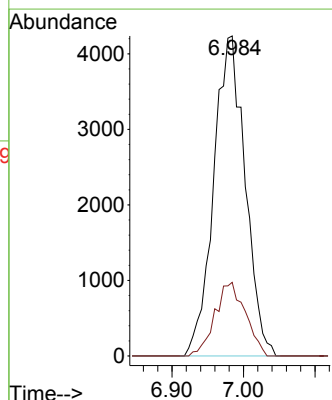
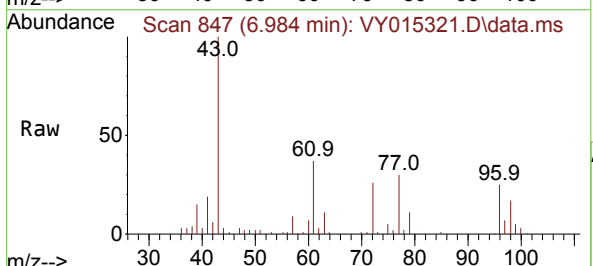
Acq: 24 Aug 2023 18:50

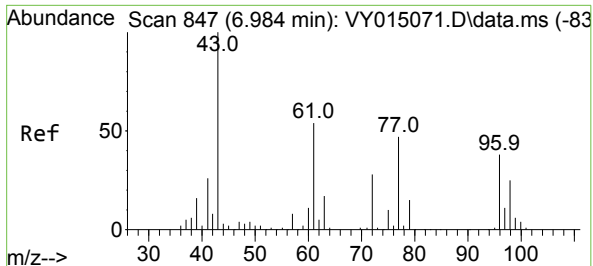
Tgt Ion: 77 Resp: 12933

Ion Ratio Lower Upper

77 100

97 22.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 50.080 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :

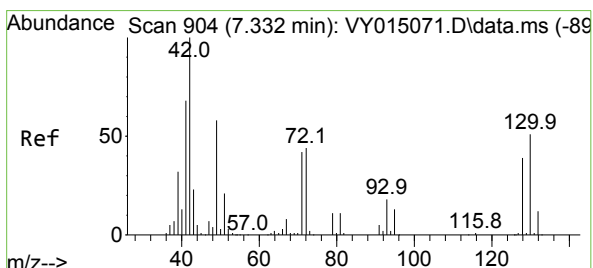
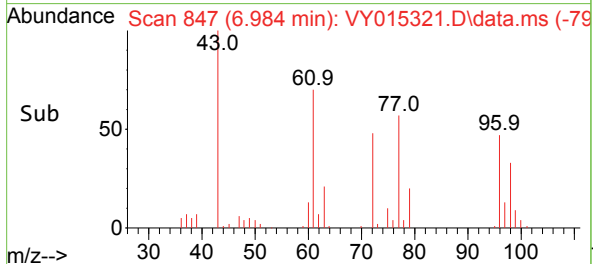
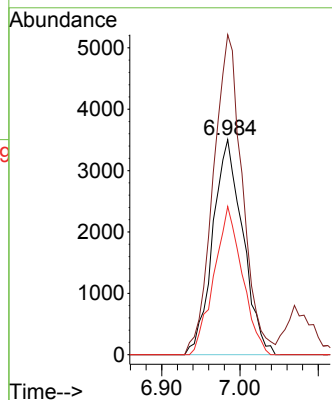
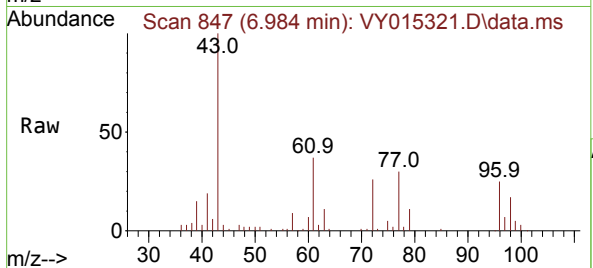
Tgt Ion: 96 Resp: 9353

Ion Ratio Lower Upper

96 100

61 144.6 0.0 301.4

98 64.9 0.0 130.4



#28

Bromochloromethane

Concen: 50.226 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

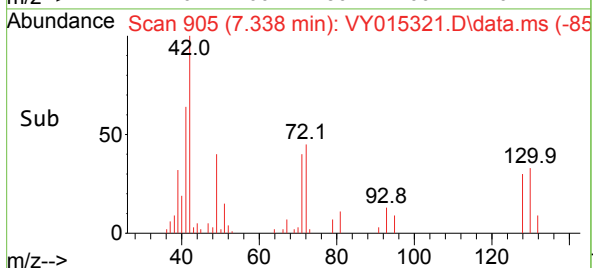
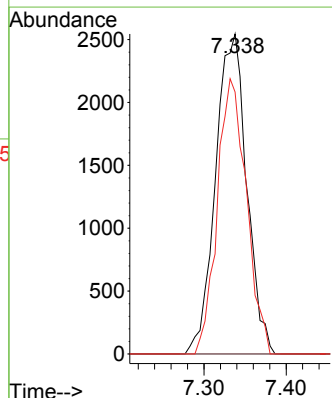
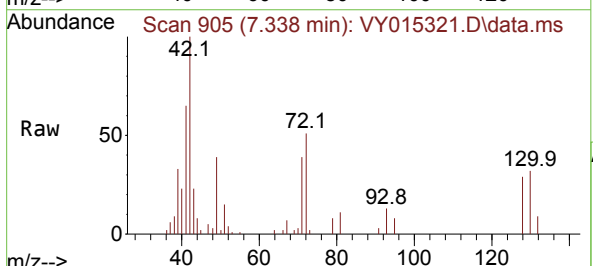
Tgt Ion: 49 Resp: 6699

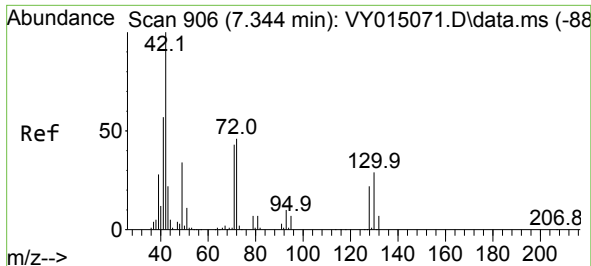
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 80.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 364.467 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

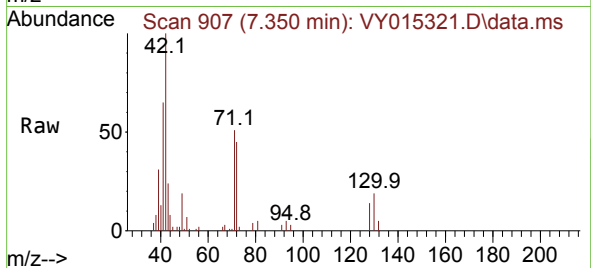
Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

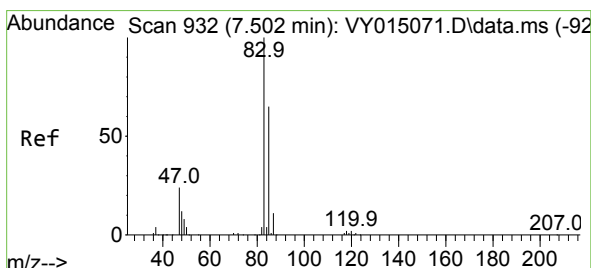
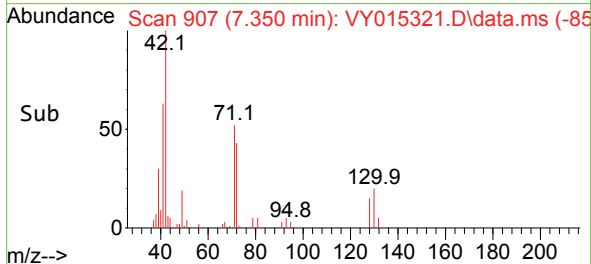
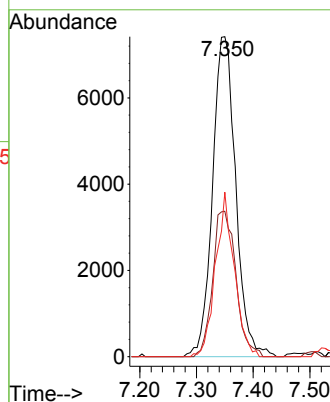
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	21078
Ion	Ratio	Lower	Upper
42	100		
72	45.4	32.8	49.2
71	41.6	31.0	46.4



#30

Chloroform

Concen: 54.237 ug/l

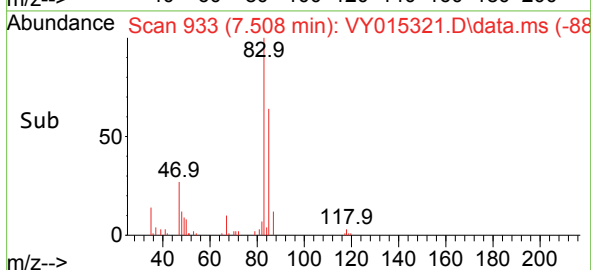
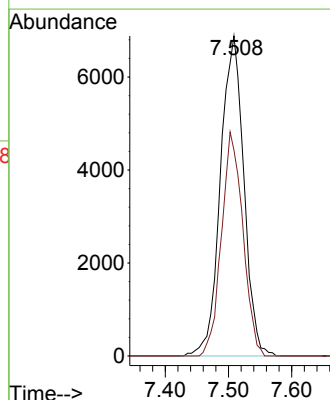
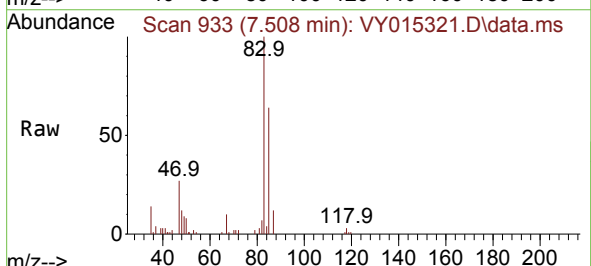
RT: 7.508 min Scan# 933

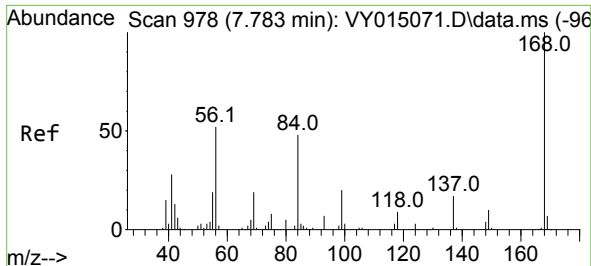
Delta R.T. 0.006 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

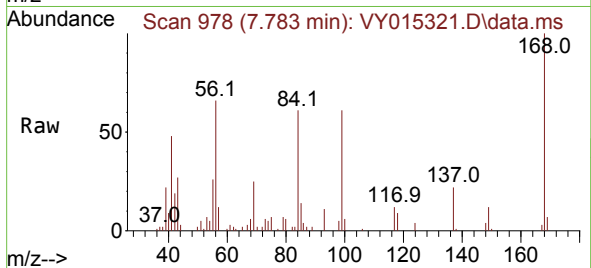
Tgt Ion:	83	Resp:	17651
Ion	Ratio	Lower	Upper
83	100		
85	64.3	49.7	74.5



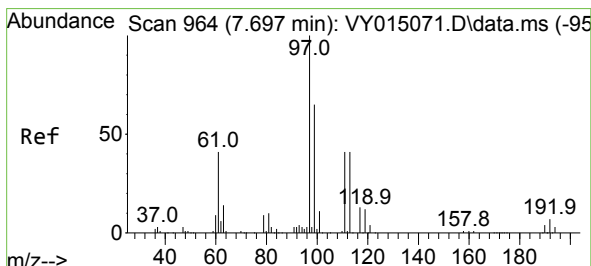
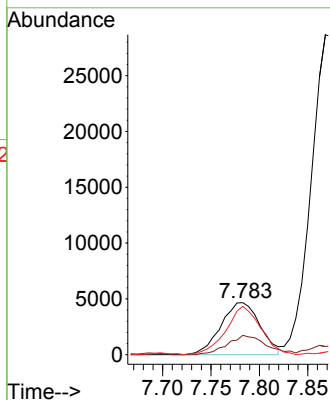
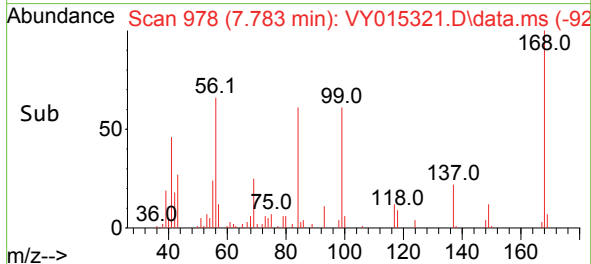


#31
Cyclohexane
Concen: 71.268 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015321.D
Acq: 24 Aug 2023 18:50

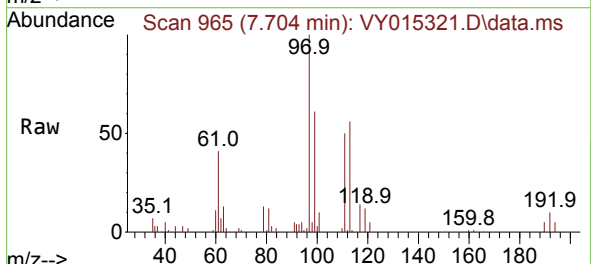
Instrument :
MSVOA_Y
ClientSampleId :



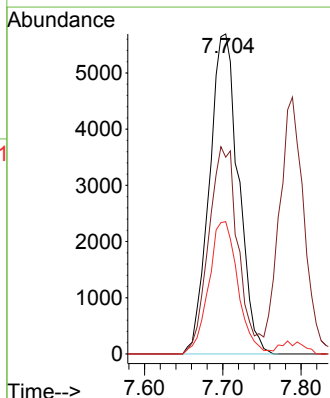
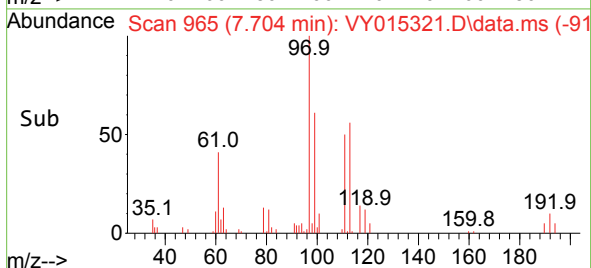
Tgt Ion: 56 Resp: 13108
Ion Ratio Lower Upper
56 100
69 37.2 27.8 41.6
84 90.7 66.4 99.6

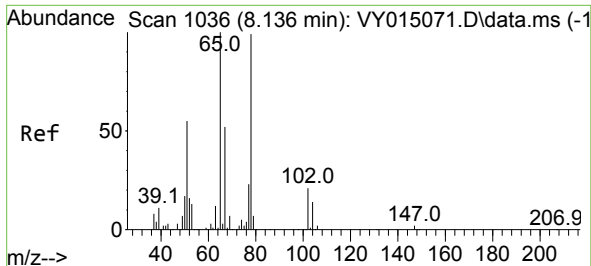


#32
1,1,1-Trichloroethane
Concen: 53.139 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY015321.D
Acq: 24 Aug 2023 18:50



Tgt Ion: 97 Resp: 14716
Ion Ratio Lower Upper
97 100
99 65.7 50.8 76.2
61 41.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 59.651 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

Instrument :

MSVOA_Y

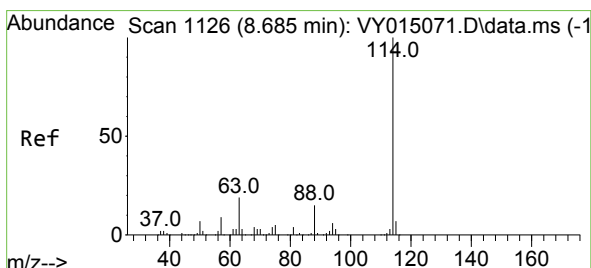
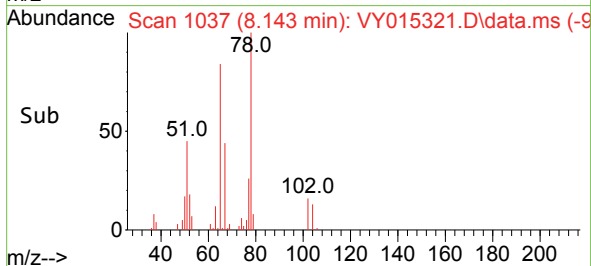
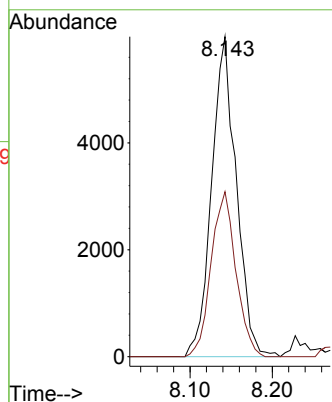
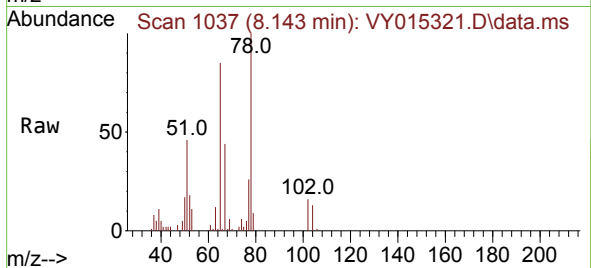
ClientSampleId :

Tgt Ion: 65 Resp: 12473

Ion Ratio Lower Upper

65 100

67 51.8 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: VY015321.D

Acq: 24 Aug 2023 18:50

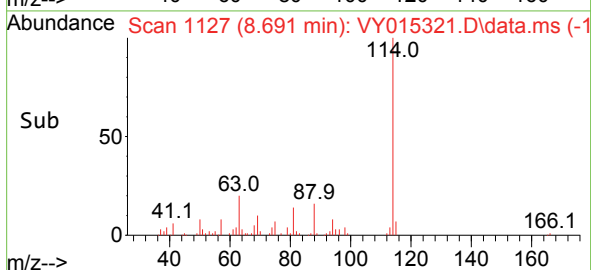
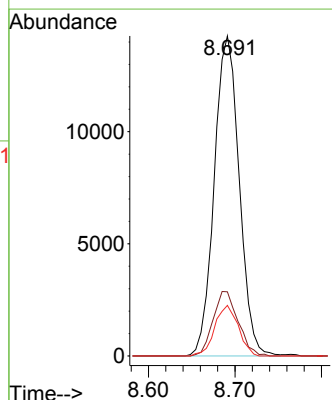
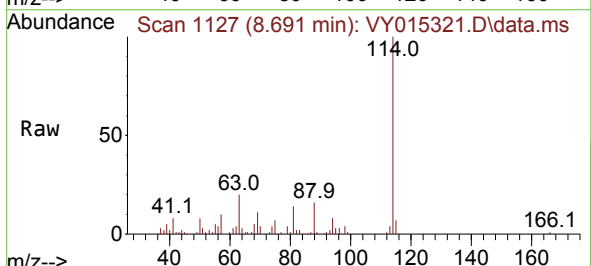
Tgt Ion: 114 Resp: 28575

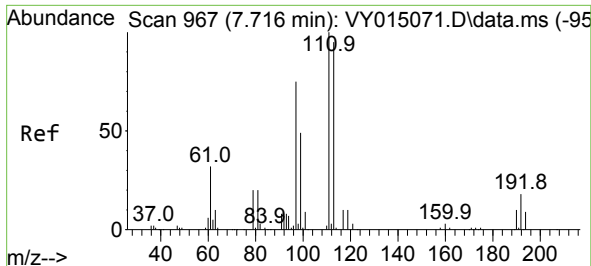
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

88 15.8 0.0 30.6

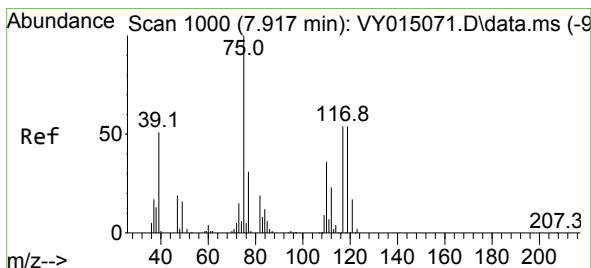
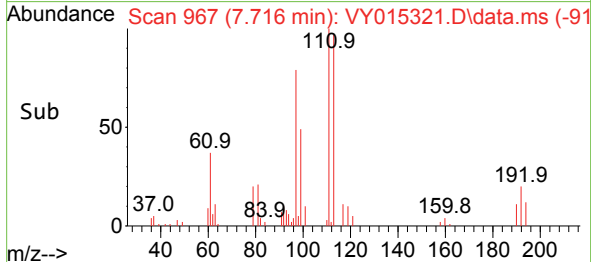
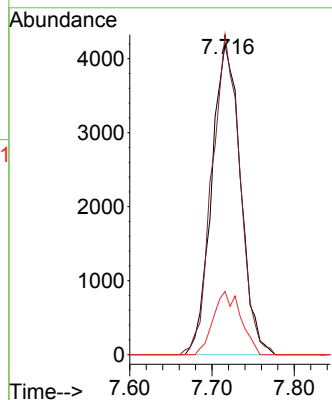
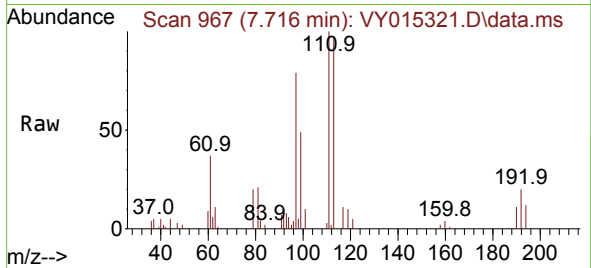




#35
Dibromofluoromethane
Concen: 55.833 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015321.D
Acq: 24 Aug 2023 18:50

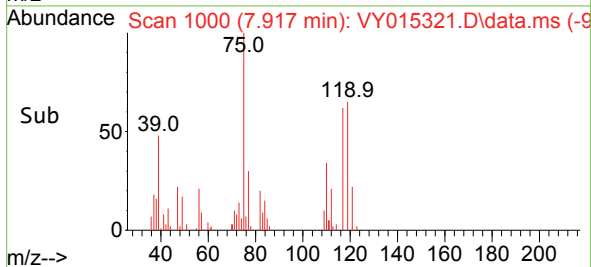
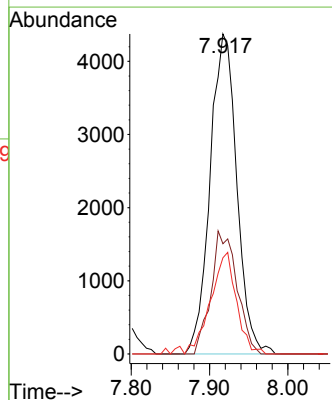
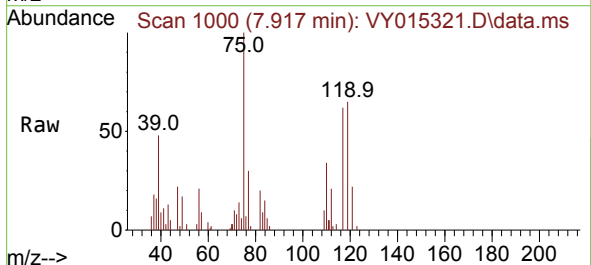
Instrument :
MSVOA_Y
ClientSampleId :

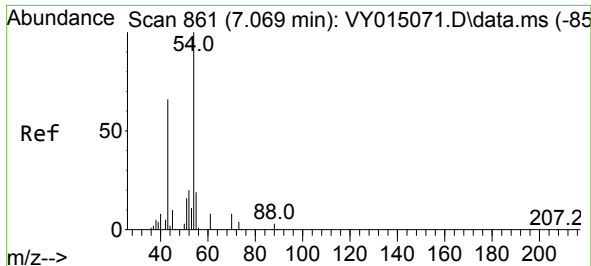
Tgt Ion:113 Resp: 10264
Ion Ratio Lower Upper
113 100
111 99.3 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 51.053 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015321.D
Acq: 24 Aug 2023 18:50

Tgt Ion: 75 Resp: 10383
Ion Ratio Lower Upper
75 100
110 37.2 17.8 53.5
77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 69.520 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :

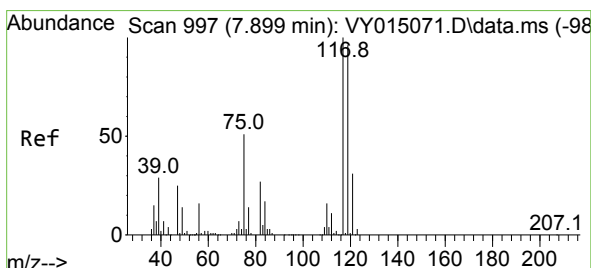
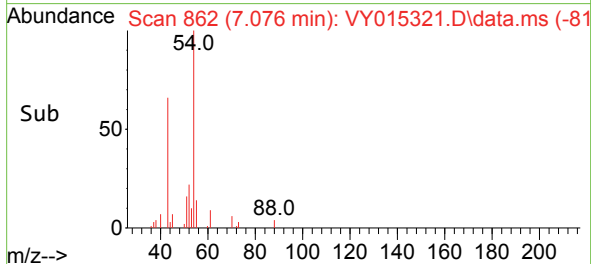
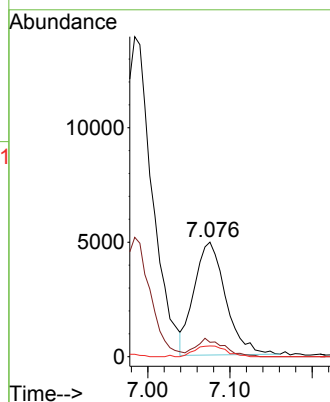
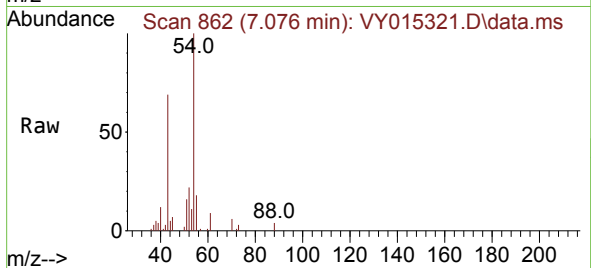
Tgt Ion: 43 Resp: 13179

Ion Ratio Lower Upper

43 100

61 14.2 10.1 15.1

70 9.5 7.1 10.7



#38

Carbon Tetrachloride

Concen: 51.613 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

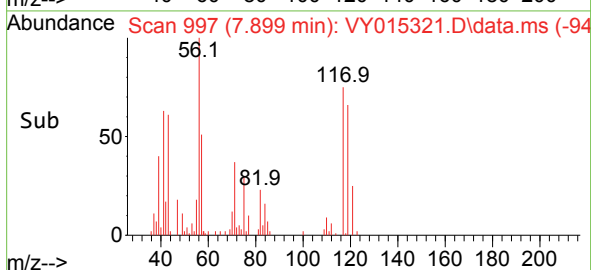
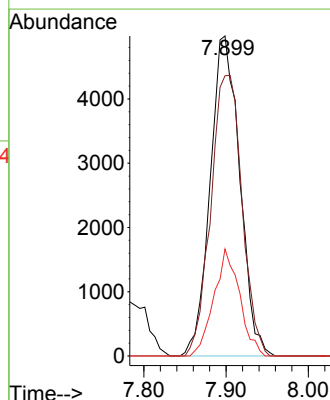
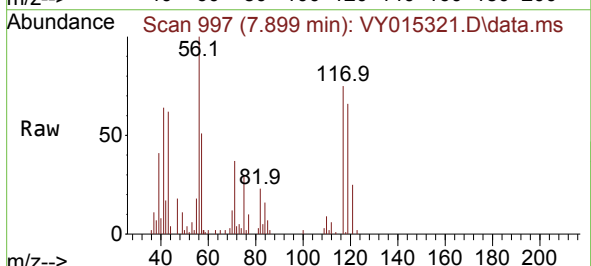
Tgt Ion: 117 Resp: 12423

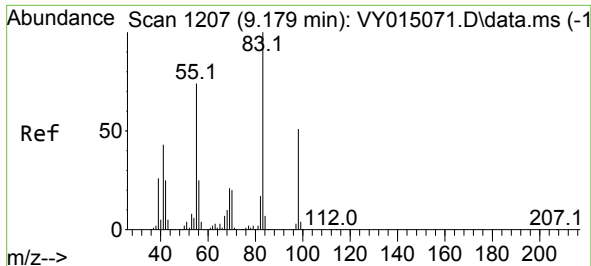
Ion Ratio Lower Upper

117 100

119 87.5 76.4 114.6

121 33.4 25.8 38.6





#39

Methylcyclohexane

Concen: 91.244 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

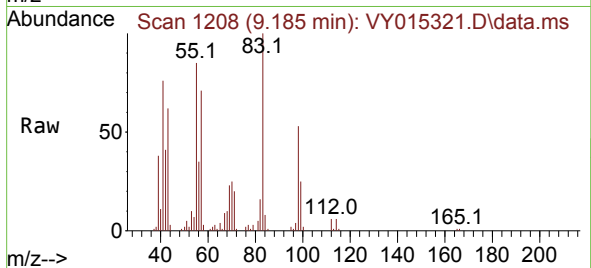
Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :



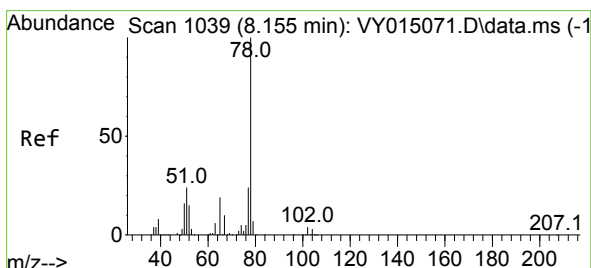
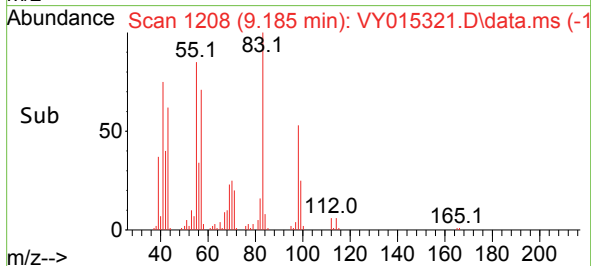
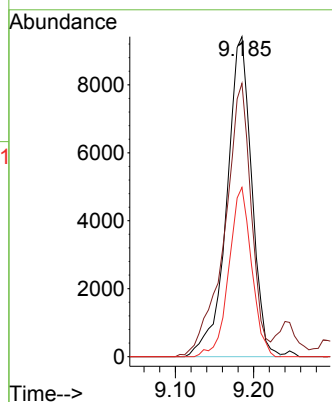
Tgt Ion: 83 Resp: 20803

Ion Ratio Lower Upper

83 100

55 84.7 63.0 94.4

98 52.9 37.4 56.2



#40

Benzene

Concen: 52.295 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY015321.D

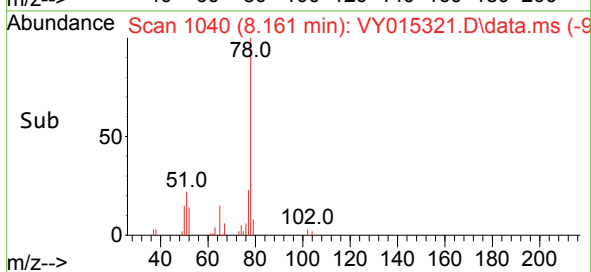
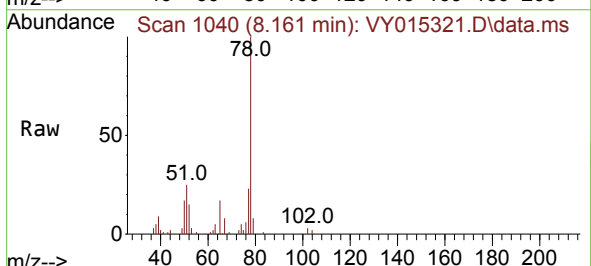
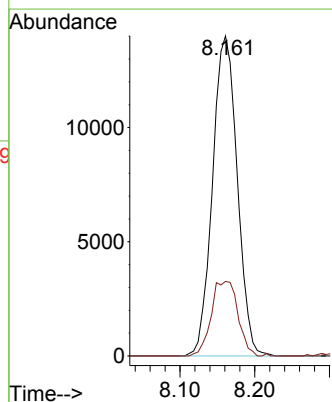
Acq: 24 Aug 2023 18:50

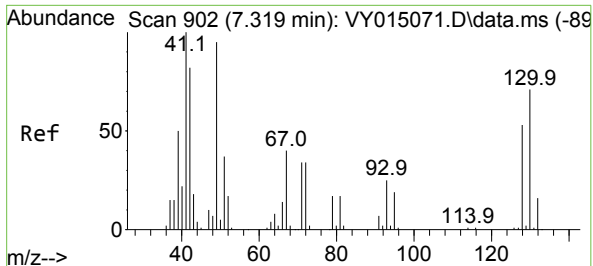
Tgt Ion: 78 Resp: 32155

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6

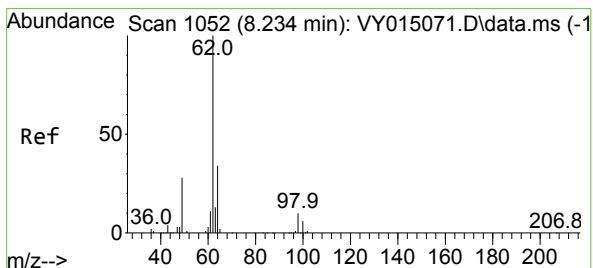
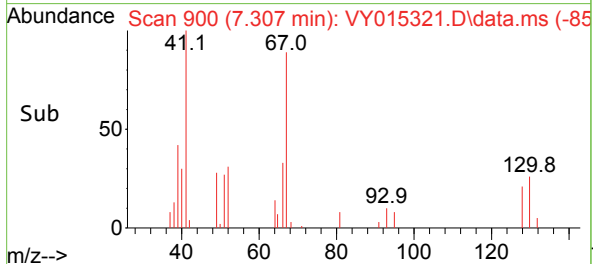
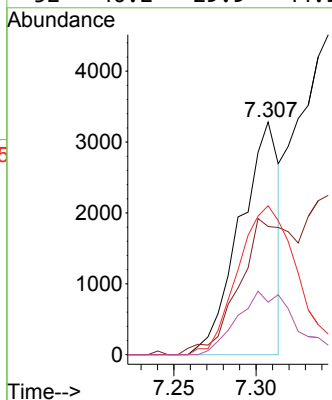
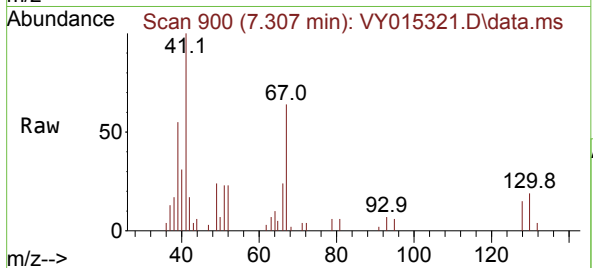




#41
Methacrylonitrile
Concen: 55.569 ug/l
RT: 7.307 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY015321.D
Acq: 24 Aug 2023 18:50

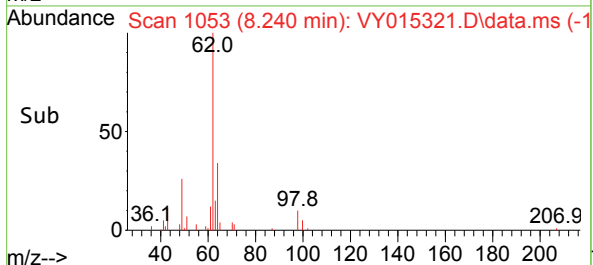
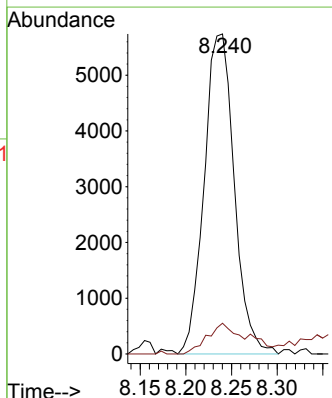
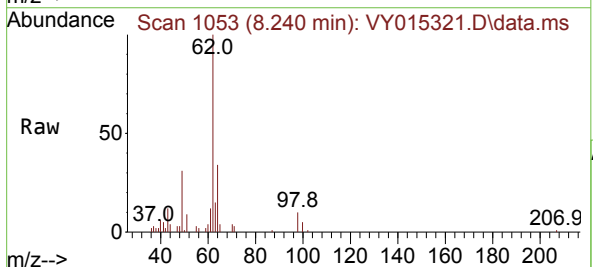
Instrument :
MSVOA_Y
ClientSampleId :

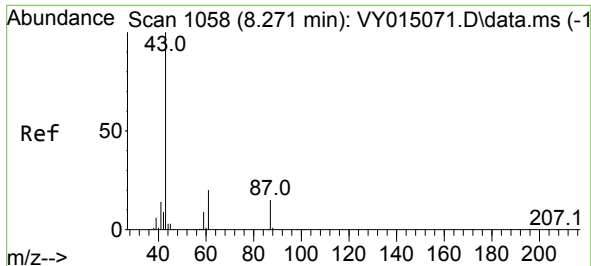
Tgt Ion:	41	Resp:	5432
Ion	Ratio	Lower	Upper
41	100		
39	83.1	52.1	78.1#
67	97.7	66.2	99.2
52	40.2	29.9	44.9



#42
1,2-Dichloroethane
Concen: 58.820 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY015321.D
Acq: 24 Aug 2023 18:50

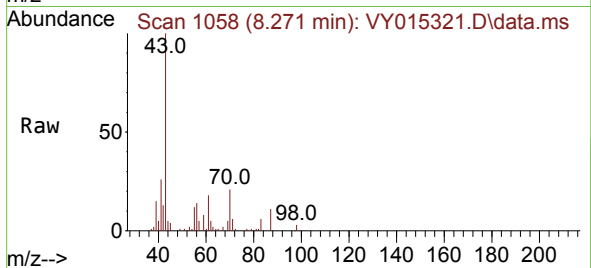
Tgt Ion:	62	Resp:	13135
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	15.8



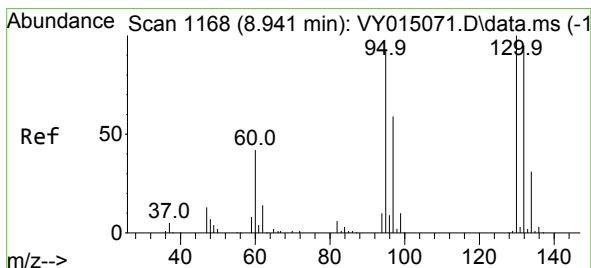
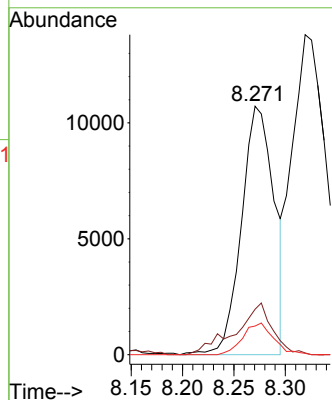
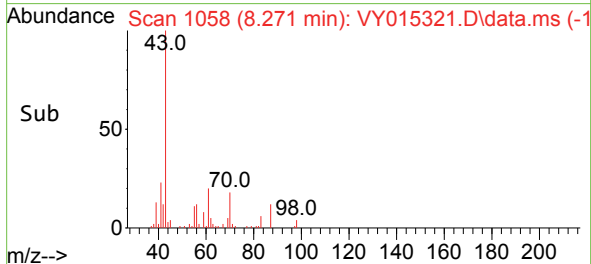


#43
Isopropyl Acetate
Concen: 68.590 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY015321.D
Acq: 24 Aug 2023 18:50

Instrument :
MSVOA_Y
ClientSampleId :

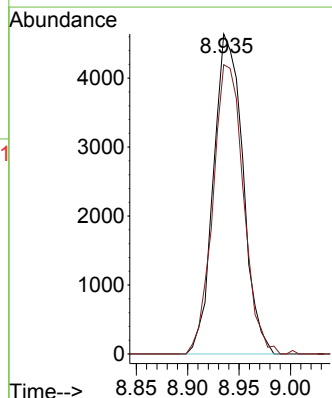
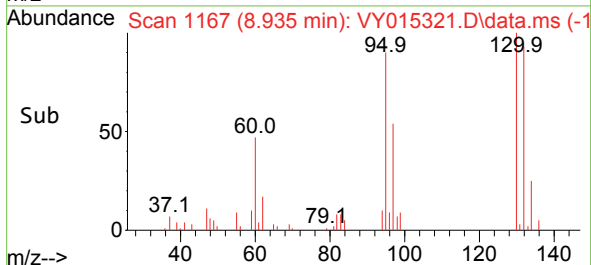
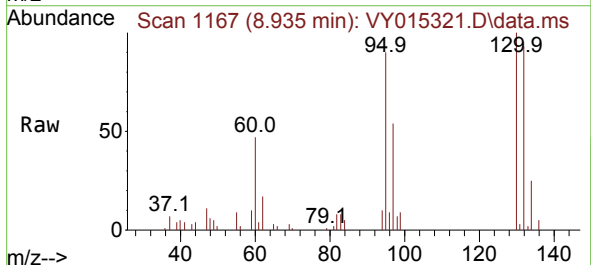


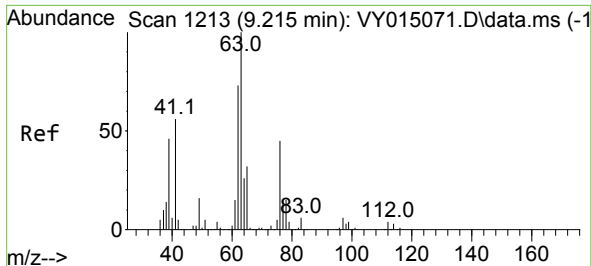
Tgt Ion: 43 Resp: 23679
Ion Ratio Lower Upper
43 100
61 23.5 21.1 31.7
87 12.0 9.8 14.8



#44
Trichloroethene
Concen: 52.093 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015321.D
Acq: 24 Aug 2023 18:50

Tgt Ion: 130 Resp: 9228
Ion Ratio Lower Upper
130 100
95 90.4 0.0 196.0





#45

1,2-Dichloropropane

Concen: 53.758 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

Instrument :

MSVOA_Y

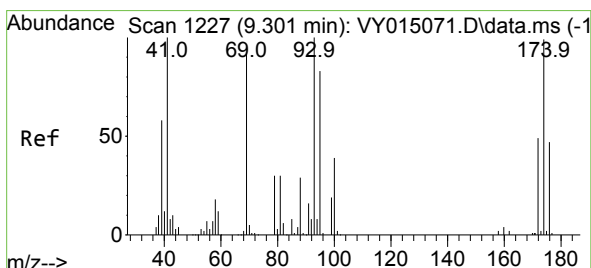
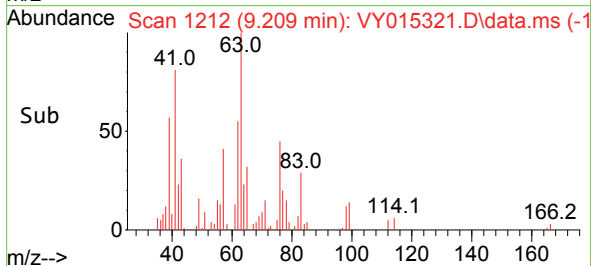
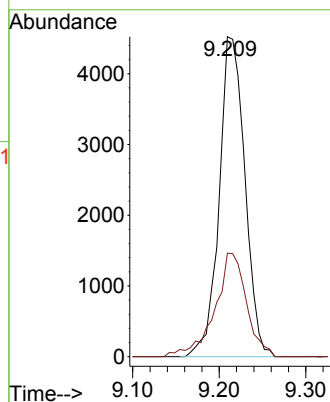
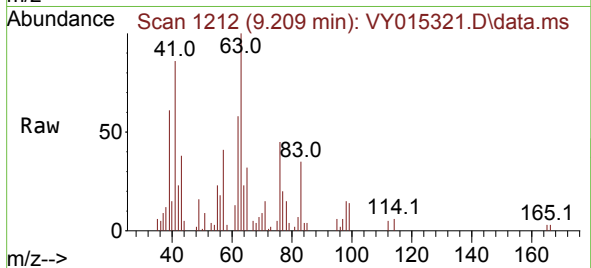
ClientSampleId :

Tgt Ion: 63 Resp: 9321

Ion Ratio Lower Upper

63 100

65 32.3 23.8 35.6



#46

Dibromomethane

Concen: 61.734 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

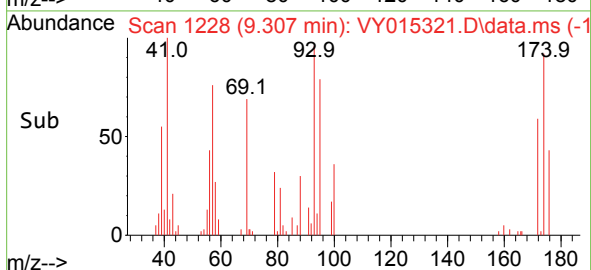
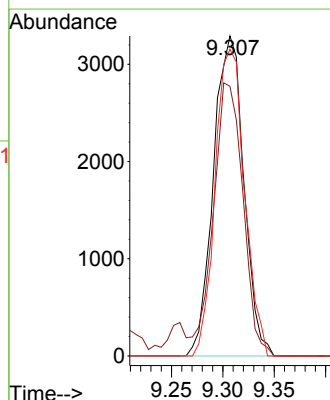
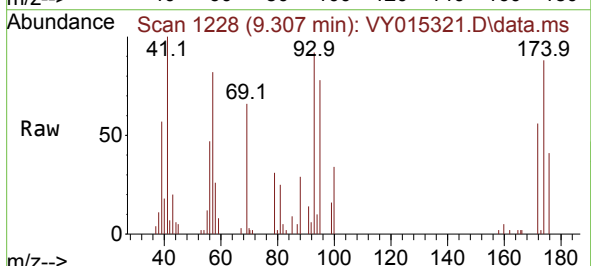
Tgt Ion: 93 Resp: 6751

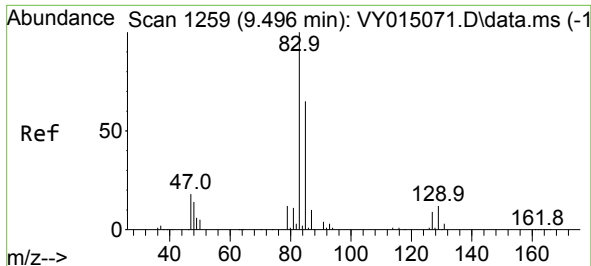
Ion Ratio Lower Upper

93 100

95 83.8 66.6 100.0

174 92.6 84.8 127.2

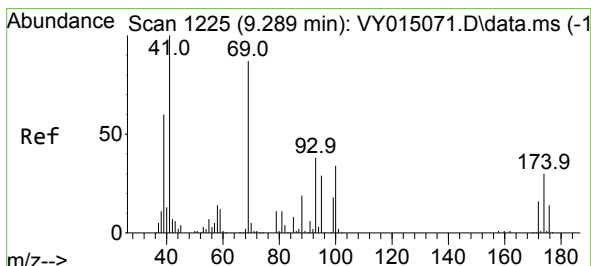
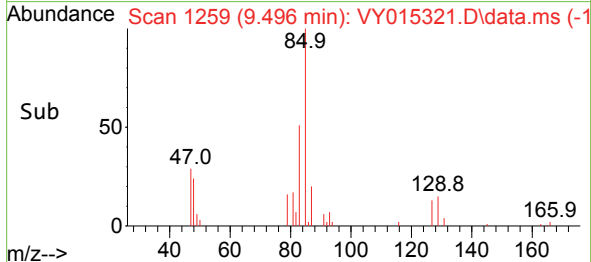
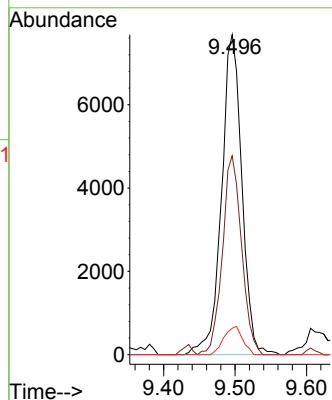
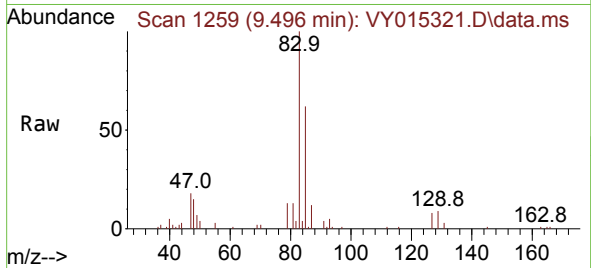




#47
Bromodichloromethane
Concen: 58.156 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY015321.D
Acq: 24 Aug 2023 18:50

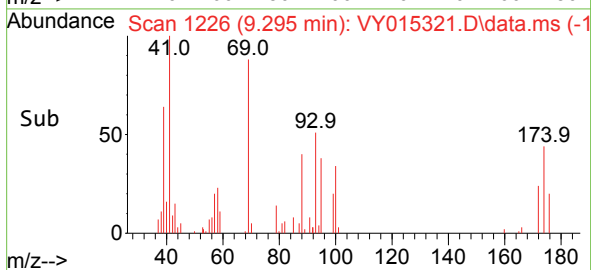
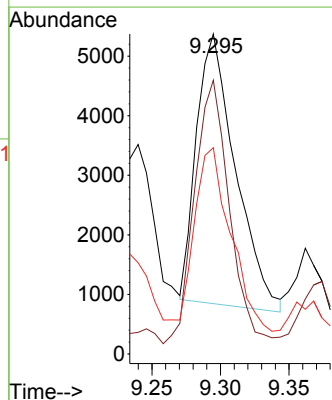
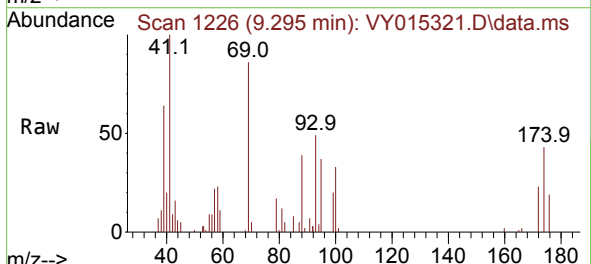
Instrument :
MSVOA_Y
ClientSampleId :

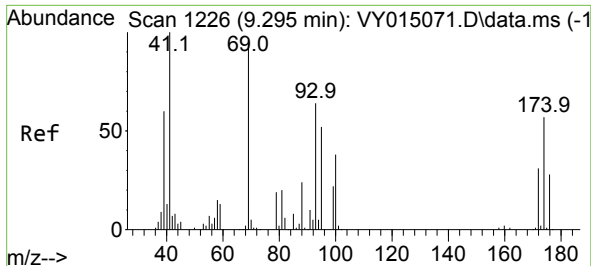
Tgt Ion: 83 Resp: 15176
Ion Ratio Lower Upper
83 100
85 62.2 50.1 75.1
127 8.3 7.1 10.7



#48
Methyl methacrylate
Concen: 60.591 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015321.D
Acq: 24 Aug 2023 18:50

Tgt Ion: 41 Resp: 8948
Ion Ratio Lower Upper
41 100
69 96.1 64.5 96.7
39 77.5 50.8 76.2#





#49

1,4-Dioxane

Concen: 1909.679 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :

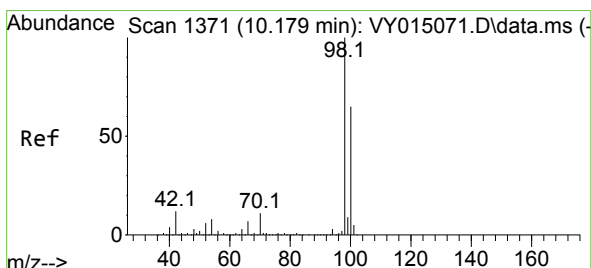
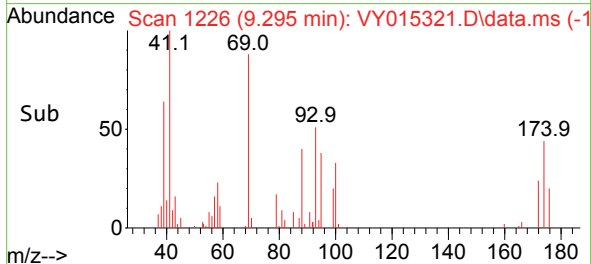
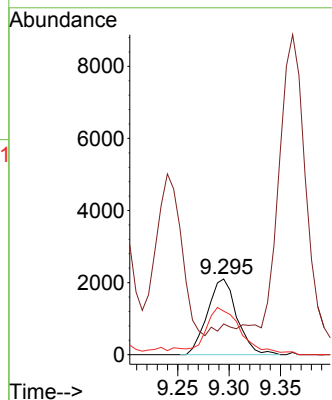
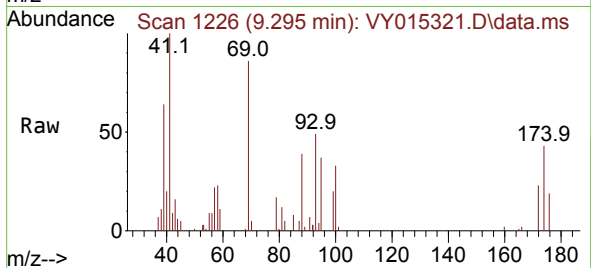
Tgt Ion: 88 Resp: 4176

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 74.8 30.9 46.3#



#50

Toluene-d8

Concen: 54.062 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015321.D

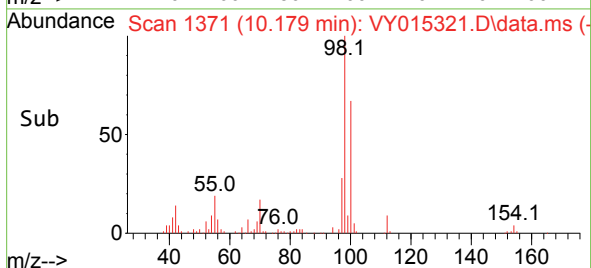
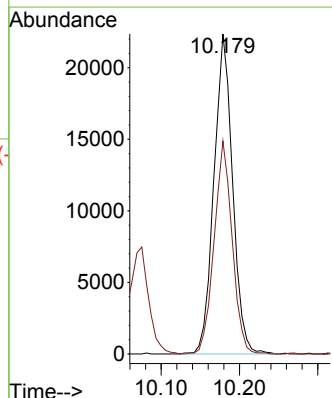
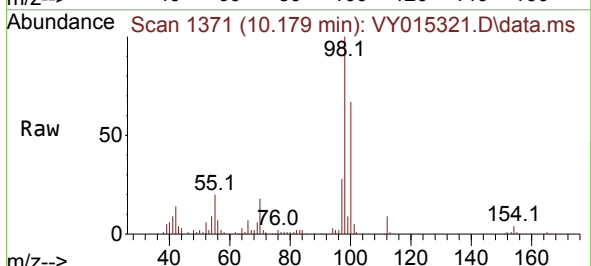
Acq: 24 Aug 2023 18:50

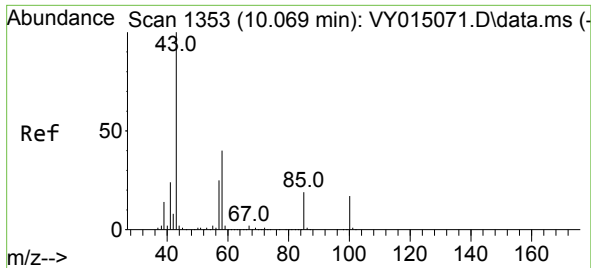
Tgt Ion: 98 Resp: 36996

Ion Ratio Lower Upper

98 100

100 64.4 50.1 75.1

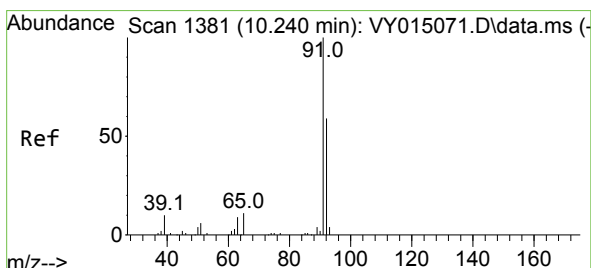
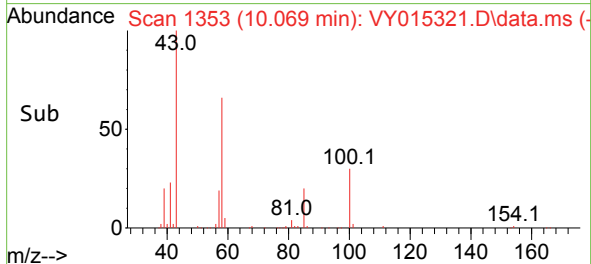
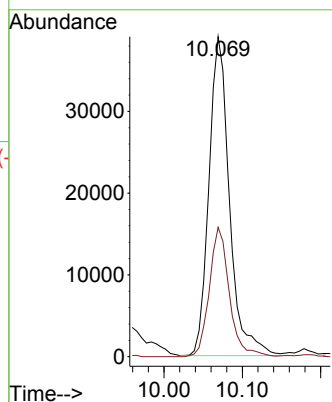
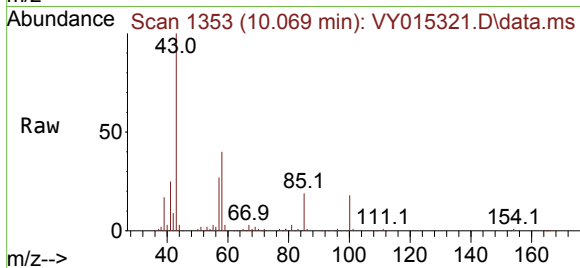




#51
4-Methyl-2-Pentanone
Concen: 354.943 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015321.D
Acq: 24 Aug 2023 18:50

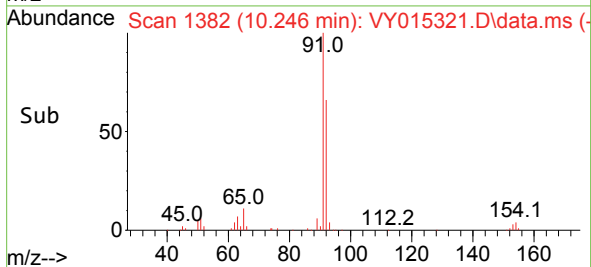
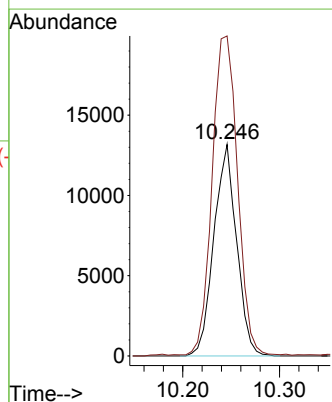
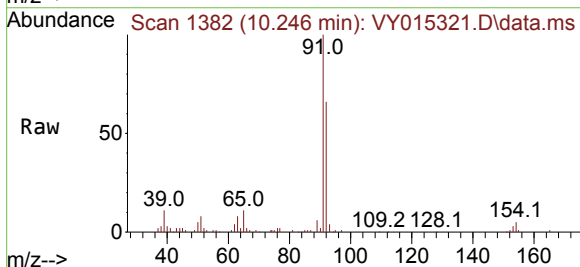
Instrument :
MSVOA_Y
ClientSampleId :

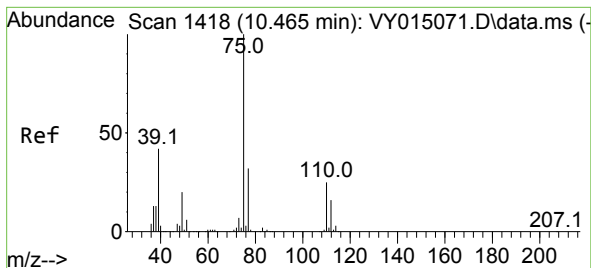
Tgt Ion: 43 Resp: 71016
Ion Ratio Lower Upper
43 100
58 39.5 29.0 43.6



#52
Toluene
Concen: 53.045 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015321.D
Acq: 24 Aug 2023 18:50

Tgt Ion: 92 Resp: 21498
Ion Ratio Lower Upper
92 100
91 168.1 143.8 215.6

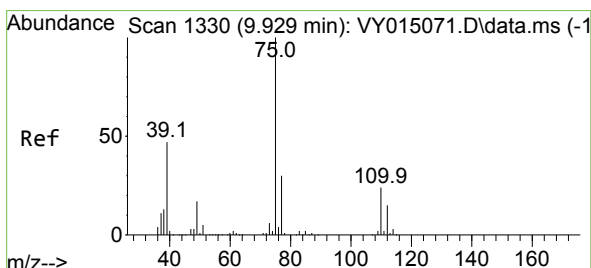
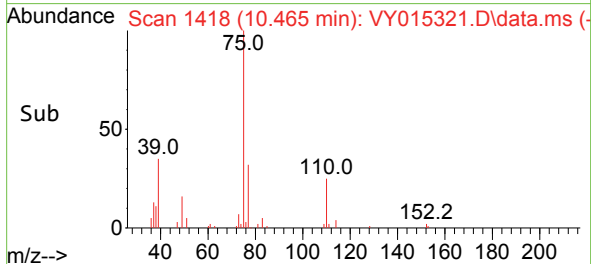
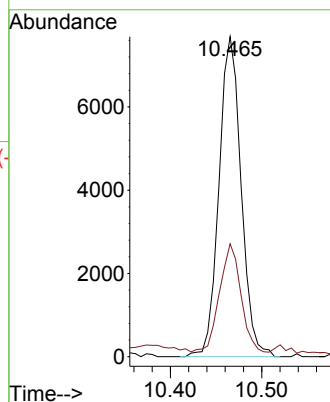
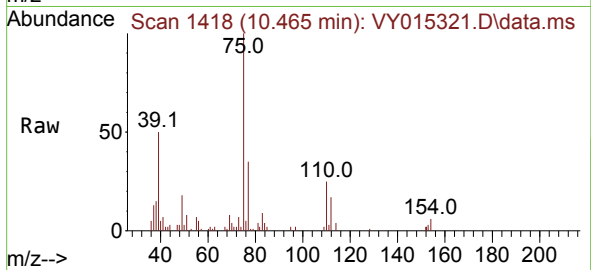




#53
t-1,3-Dichloropropene
Concen: 47.268 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY015321.D
Acq: 24 Aug 2023 18:50

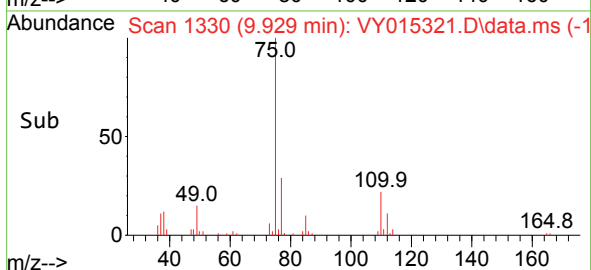
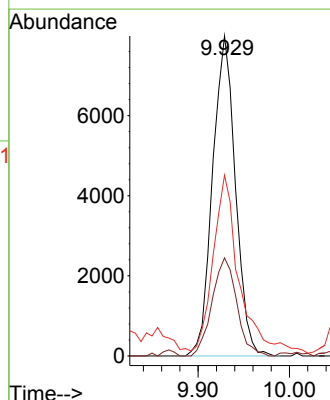
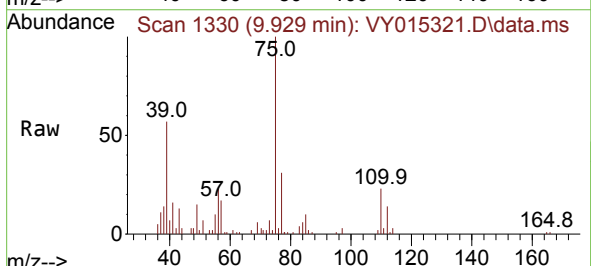
Instrument :
MSVOA_Y
ClientSampleId :

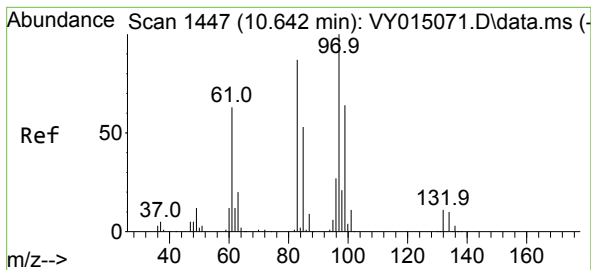
Tgt Ion: 75 Resp: 12963
Ion Ratio Lower Upper
75 100
77 33.2 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 48.026 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY015321.D
Acq: 24 Aug 2023 18:50

Tgt Ion: 75 Resp: 13871
Ion Ratio Lower Upper
75 100
77 30.7 24.2 36.4
39 54.5 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 96.062 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

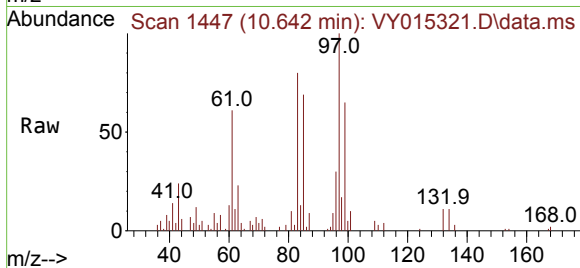
Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 15973

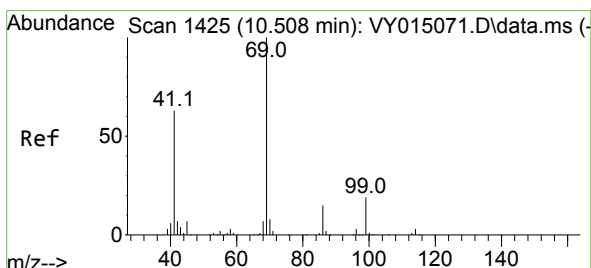
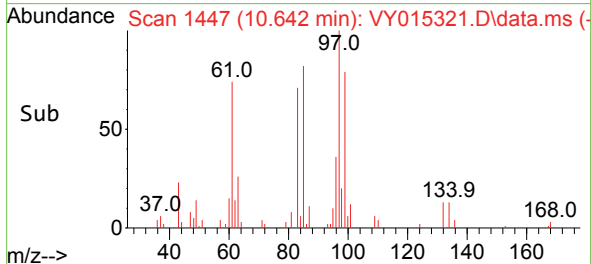
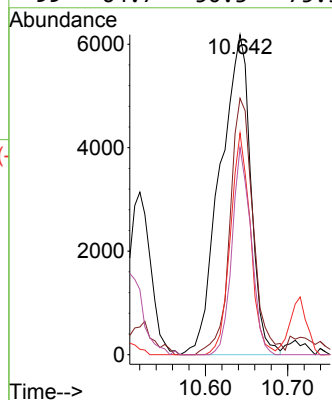
Ion Ratio Lower Upper

97 100

83 80.1 72.0 108.0

85 69.2 45.4 68.0#

99 64.7 50.3 75.5



#56

Ethyl methacrylate

Concen: 63.477 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

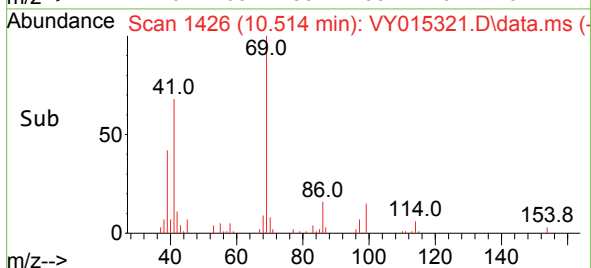
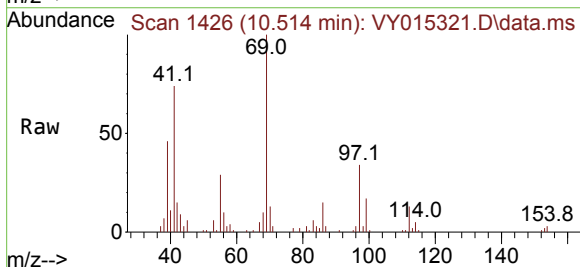
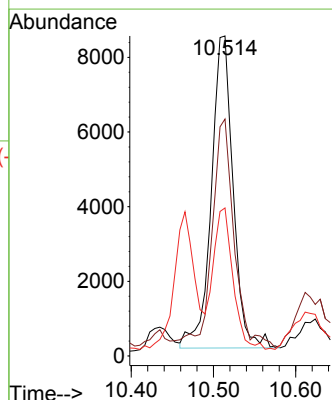
Tgt Ion: 69 Resp: 15447

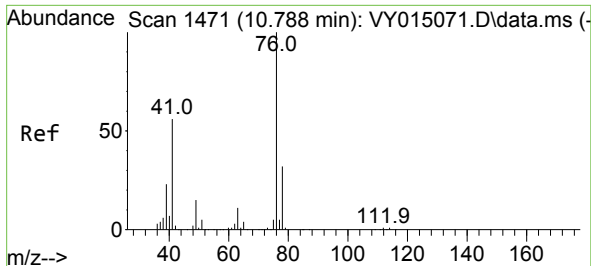
Ion Ratio Lower Upper

69 100

41 75.1 57.6 86.4

39 41.7 34.1 51.1





#57

1,3-Dichloropropane

Concen: 58.047 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

Instrument :

MSVOA_Y

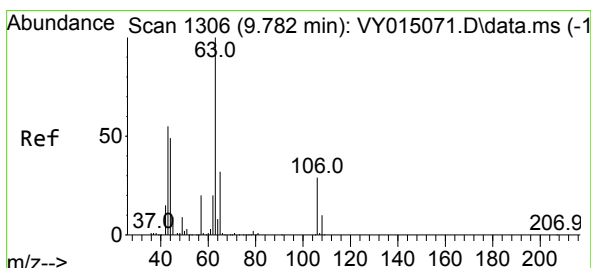
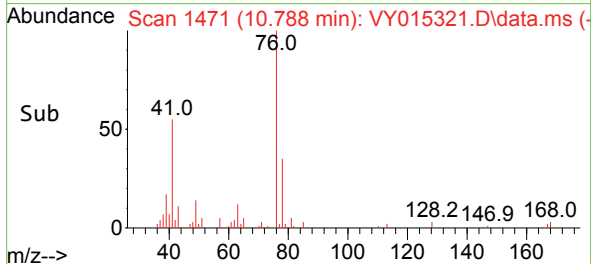
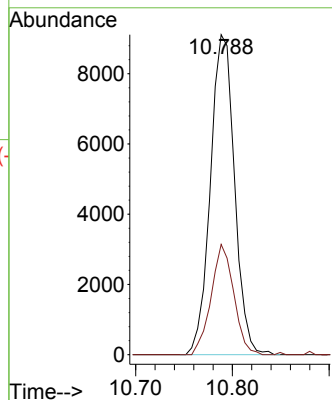
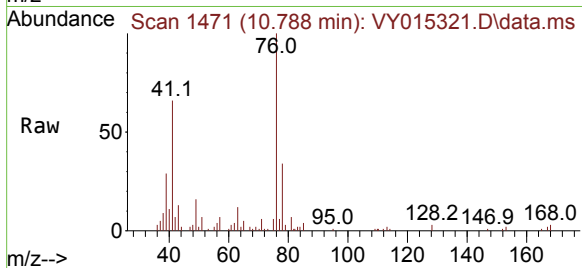
ClientSampleId :

Tgt Ion: 76 Resp: 15769

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 271.122 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015321.D

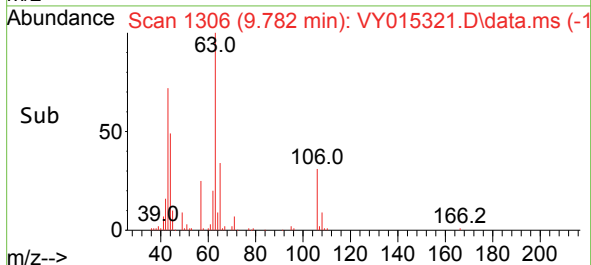
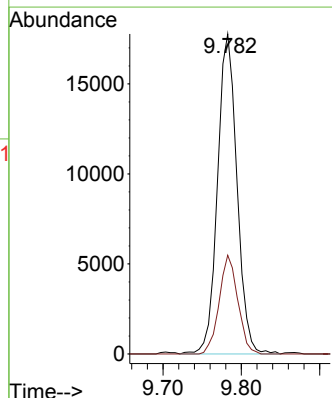
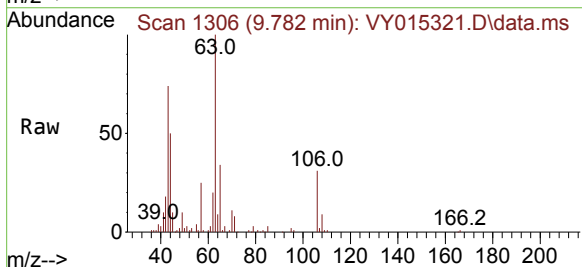
Acq: 24 Aug 2023 18:50

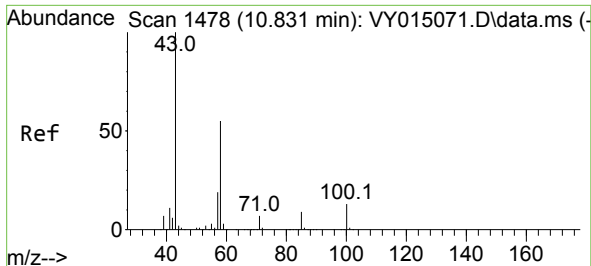
Tgt Ion: 63 Resp: 30704

Ion Ratio Lower Upper

63 100

106 29.5 21.2 31.8





#59

2-Hexanone

Concen: 367.083 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

Instrument :

MSVOA_Y

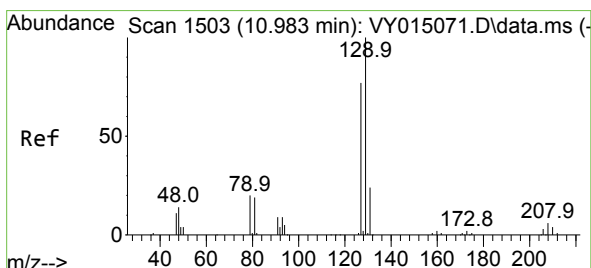
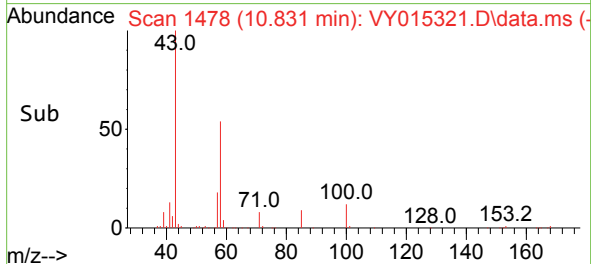
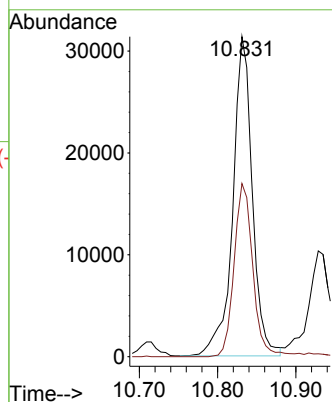
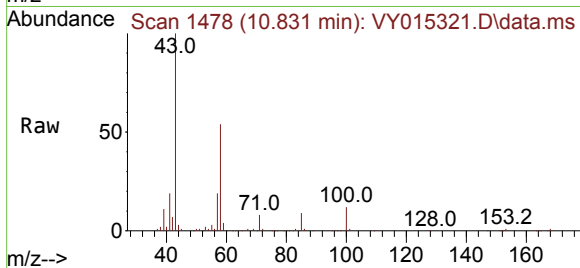
ClientSampleId :

Tgt Ion: 43 Resp: 54357

Ion Ratio Lower Upper

43 100

58 51.9 25.1 75.3



#60

Dibromochloromethane

Concen: 55.478 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY015321.D

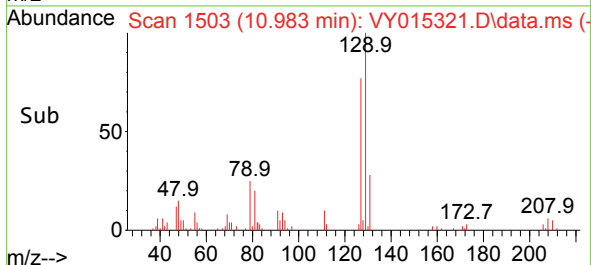
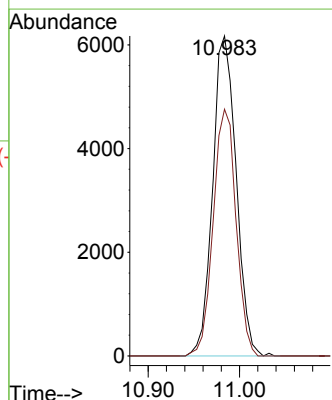
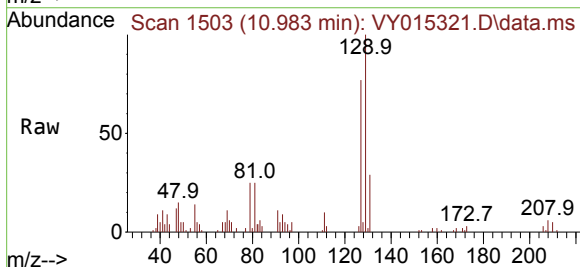
Acq: 24 Aug 2023 18:50

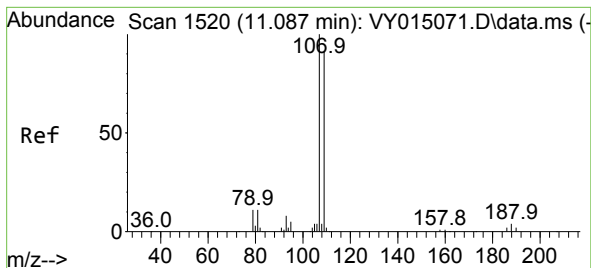
Tgt Ion:129 Resp: 11004

Ion Ratio Lower Upper

129 100

127 75.1 38.5 115.5

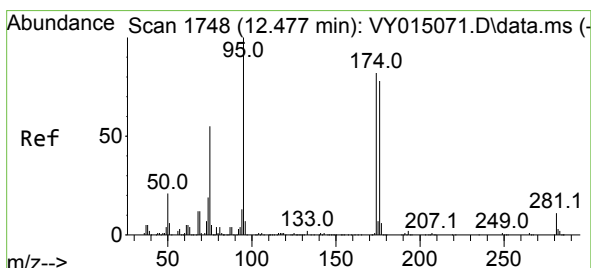
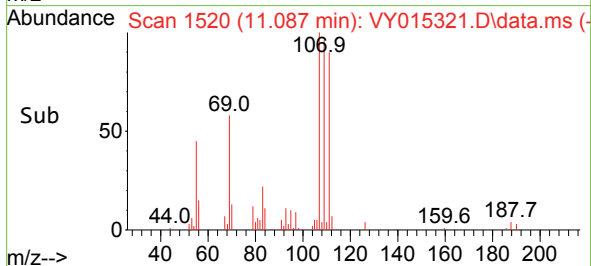
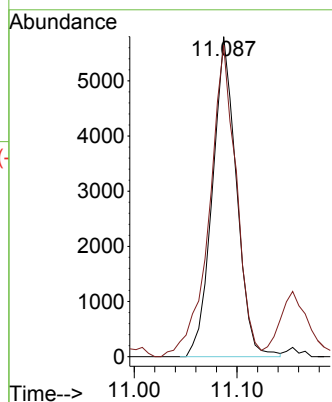
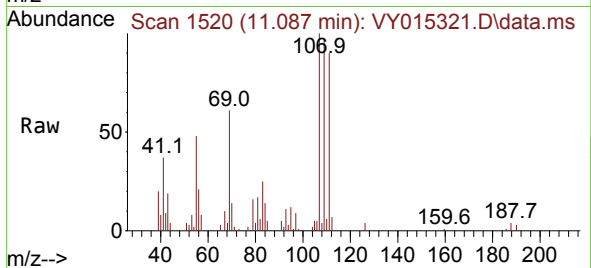




#61
1,2-Dibromoethane
Concen: 59.610 ug/l
RT: 11.087 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY015321.D
Acq: 24 Aug 2023 18:50

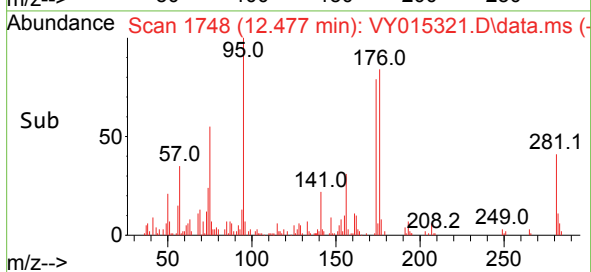
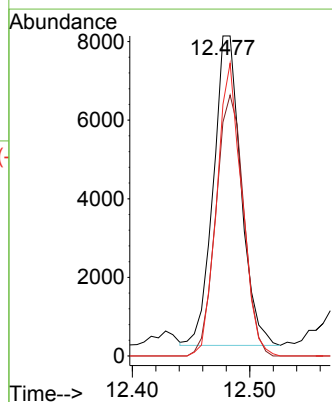
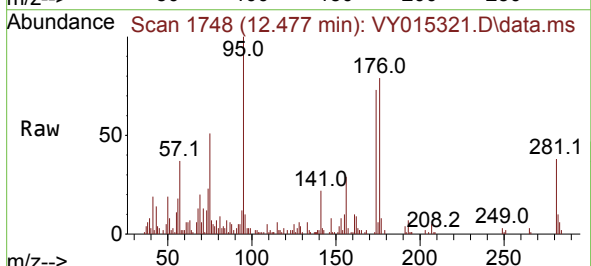
Instrument :
MSVOA_Y
ClientSampleId :

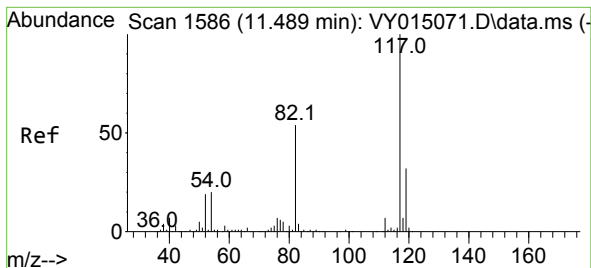
Tgt Ion:107 Resp: 9416
Ion Ratio Lower Upper
107 100
109 109.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.410 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015321.D
Acq: 24 Aug 2023 18:50

Tgt Ion: 95 Resp: 12850
Ion Ratio Lower Upper
95 100
174 85.0 0.0 178.2
176 86.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

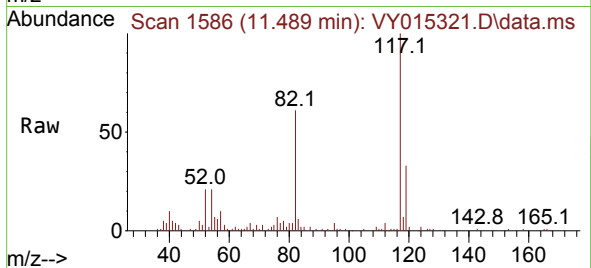
Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :



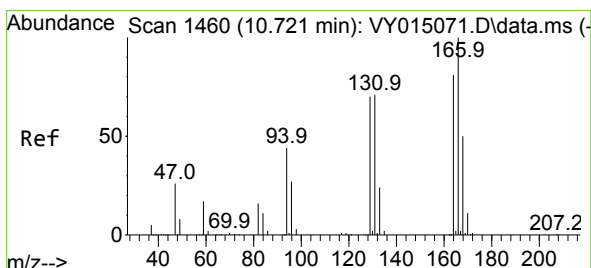
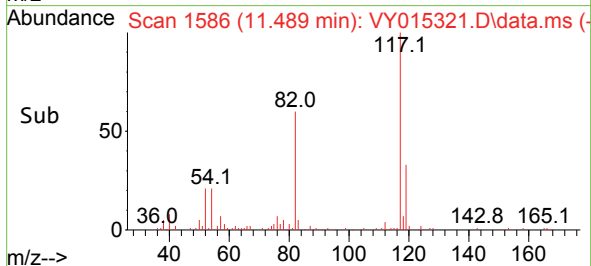
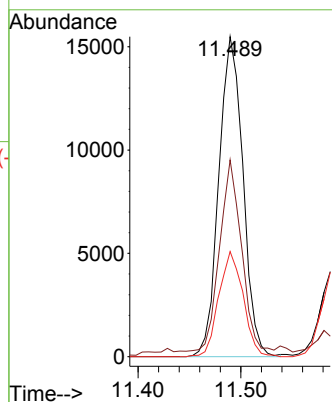
Tgt Ion:117 Resp: 25262

Ion Ratio Lower Upper

117 100

82 59.7 43.4 65.0

119 32.8 26.3 39.5



#64

Tetrachloroethene

Concen: 56.029 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

Tgt Ion:164 Resp: 9861

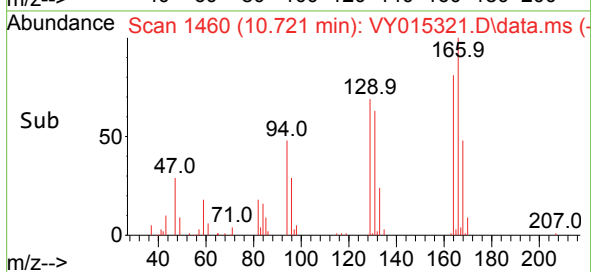
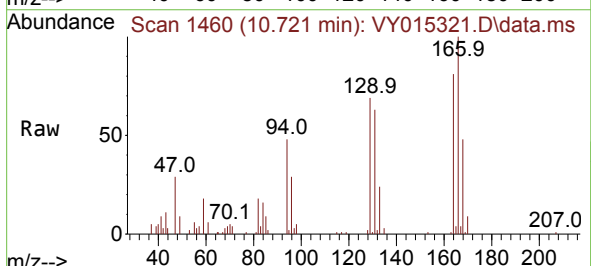
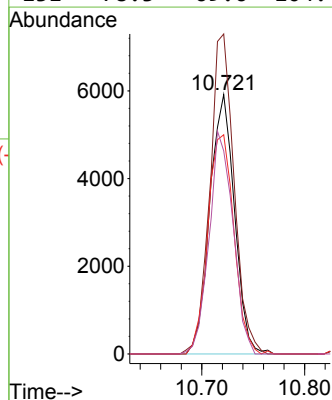
Ion Ratio Lower Upper

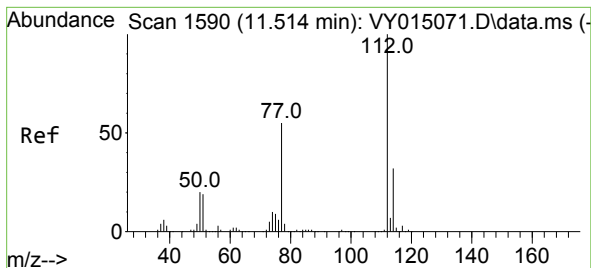
164 100

166 123.4 103.0 154.6

129 84.5 77.2 115.8

131 78.3 69.6 104.4





#65

Chlorobenzene

Concen: 51.336 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

Instrument :

MSVOA_Y

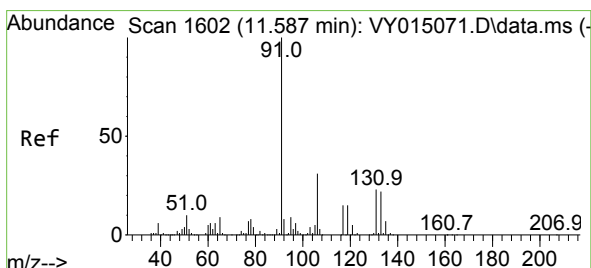
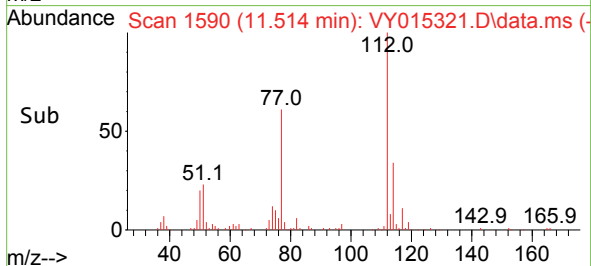
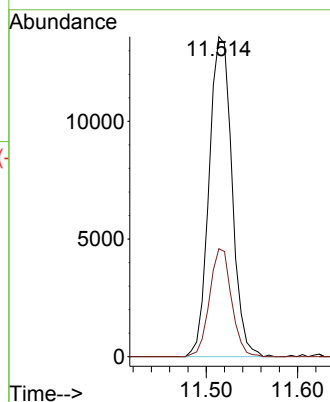
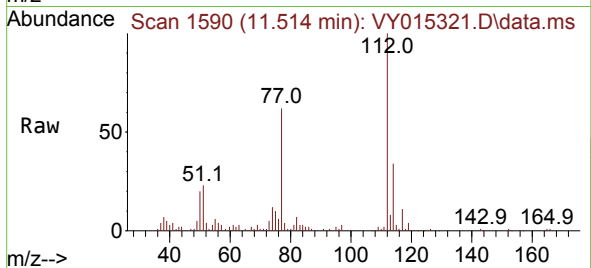
ClientSampleId :

Tgt Ion:112 Resp: 23629

Ion Ratio Lower Upper

112 100

114 33.8 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 54.450 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

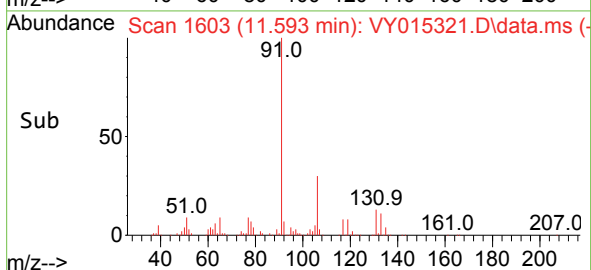
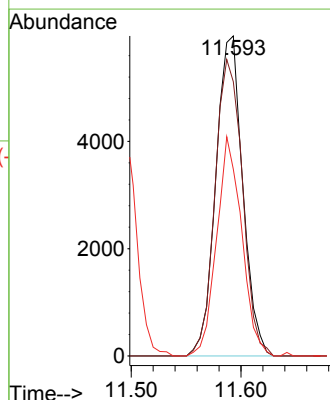
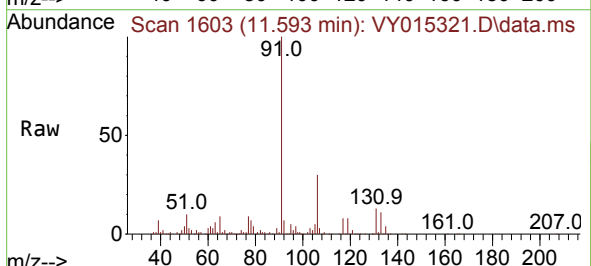
Tgt Ion:131 Resp: 10169

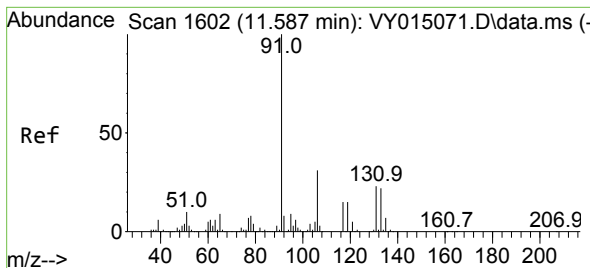
Ion Ratio Lower Upper

131 100

133 94.6 47.5 142.6

119 63.9 31.6 94.7





#67

Ethyl Benzene

Concen: 84.313 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

Instrument :

MSVOA_Y

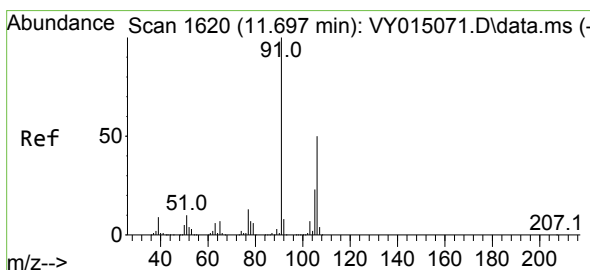
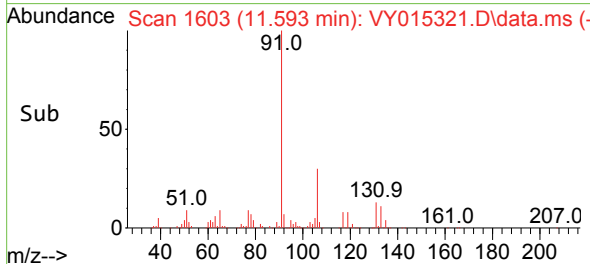
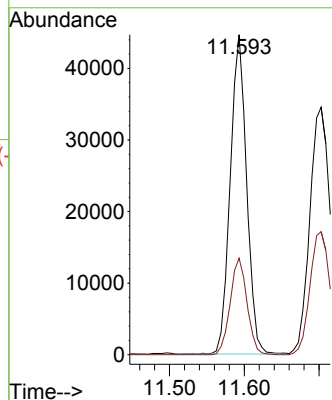
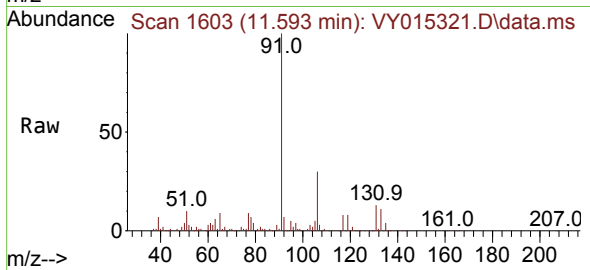
ClientSampleId :

Tgt Ion: 91 Resp: 67994

Ion Ratio Lower Upper

91 100

106 30.2 24.6 36.8



#68

m/p-Xylenes

Concen: 105.233 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY015321.D

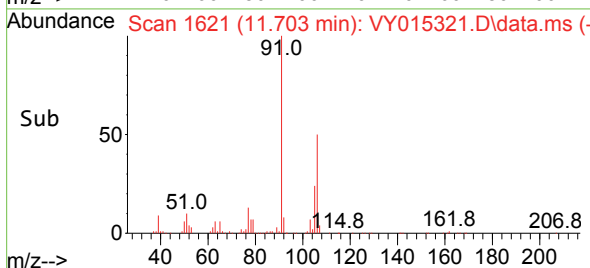
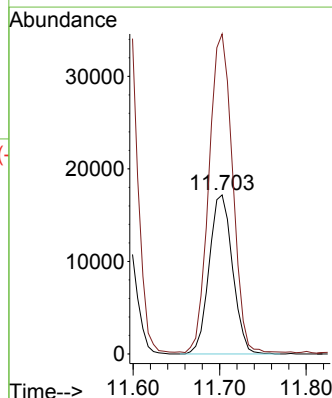
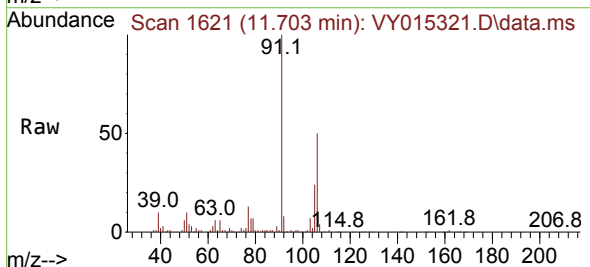
Acq: 24 Aug 2023 18:50

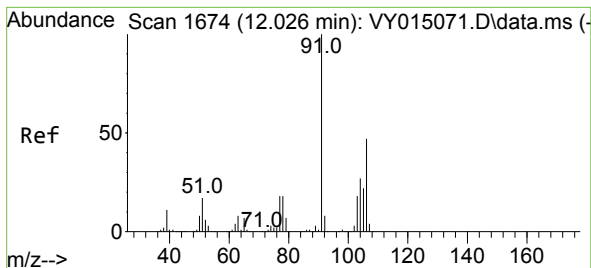
Tgt Ion:106 Resp: 32232

Ion Ratio Lower Upper

106 100

91 202.3 166.1 249.1





#69

o-Xylene

Concen: 52.372 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

Instrument :

MSVOA_Y

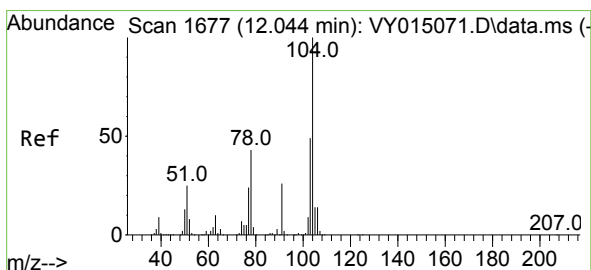
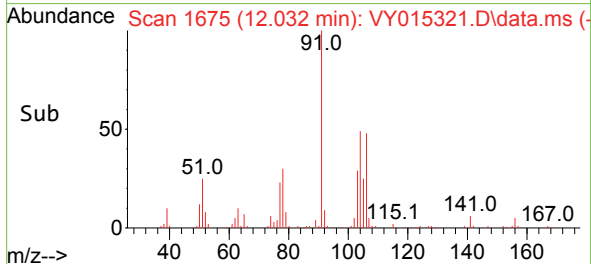
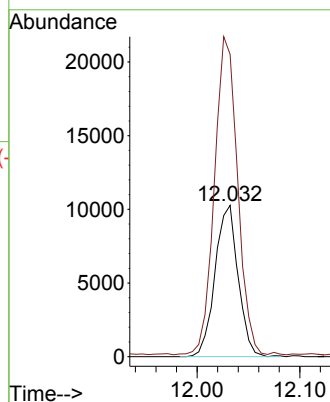
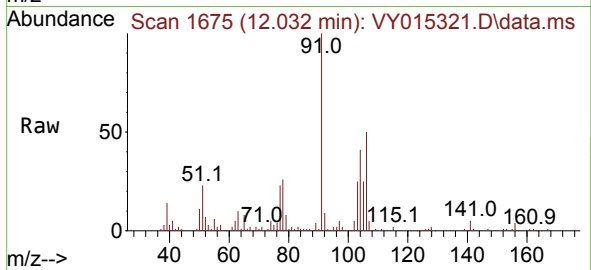
ClientSampleId :

Tgt Ion:106 Resp: 15980

Ion Ratio Lower Upper

106 100

91 210.9 108.1 324.3



#70

Styrene

Concen: 49.429 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

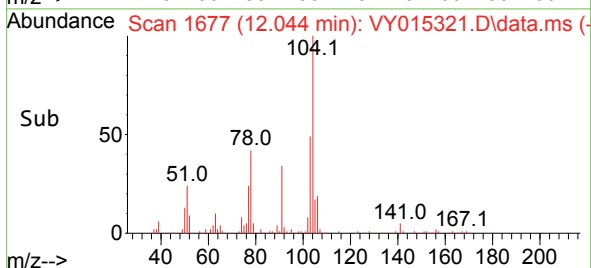
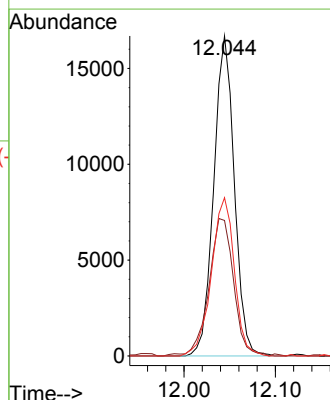
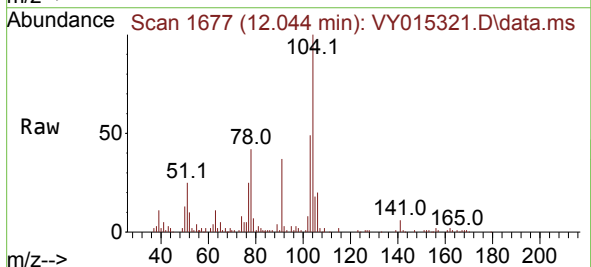
Tgt Ion:104 Resp: 26103

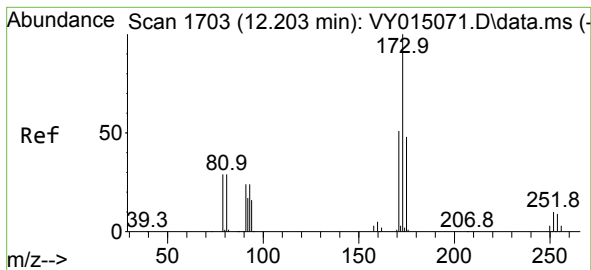
Ion Ratio Lower Upper

104 100

78 51.7 41.5 62.3

103 55.3 44.6 67.0





#71

Bromoform

Concen: 57.244 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY015321.D

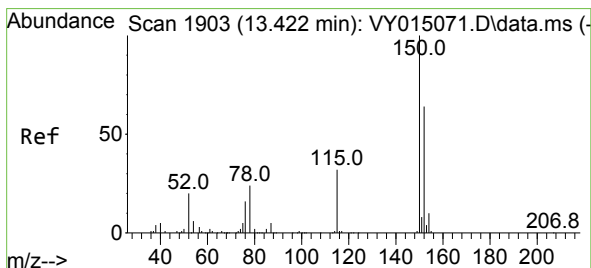
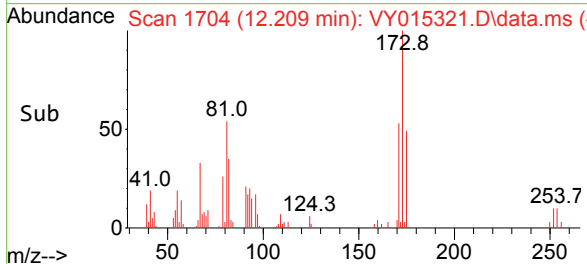
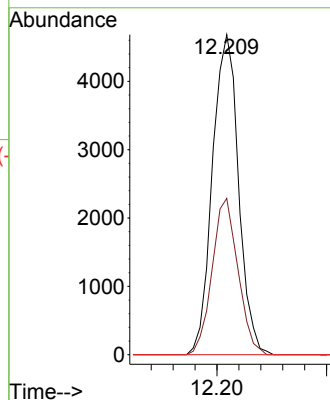
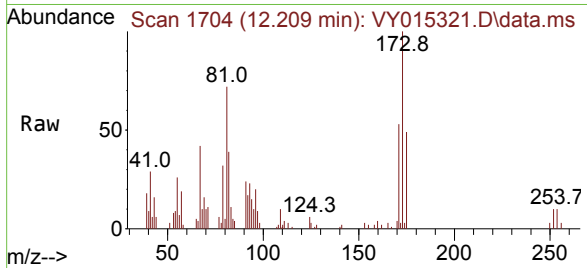
Acq: 24 Aug 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173 Resp: 7750
 Ion Ratio Lower Upper
 173 100
 175 48.4 24.6 73.8
 254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

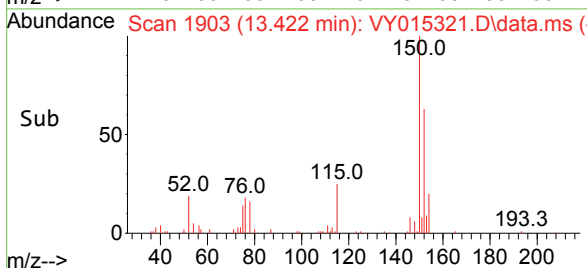
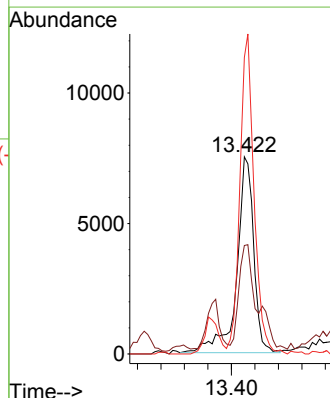
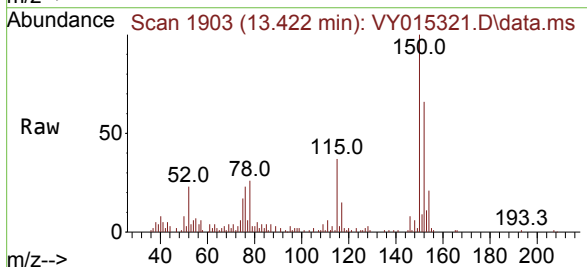
RT: 13.422 min Scan# 1903

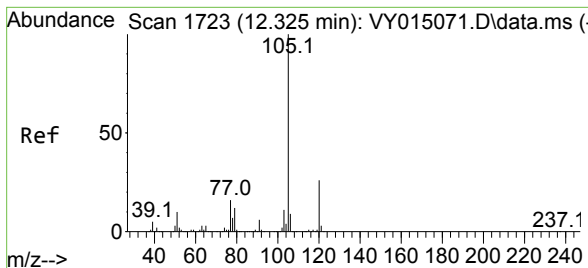
Delta R.T. 0.000 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

Tgt Ion:152 Resp: 15042
 Ion Ratio Lower Upper
 152 100
 115 56.6 28.8 86.5
 150 136.2 0.0 348.8





#73

Isopropylbenzene

Concen: 53.783 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

Instrument :

MSVOA_Y

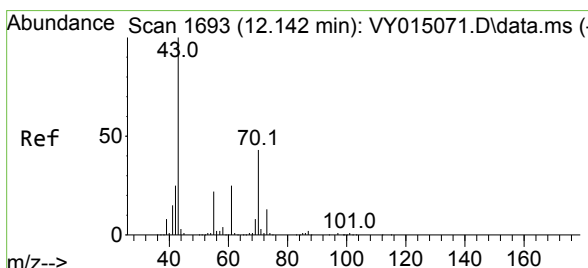
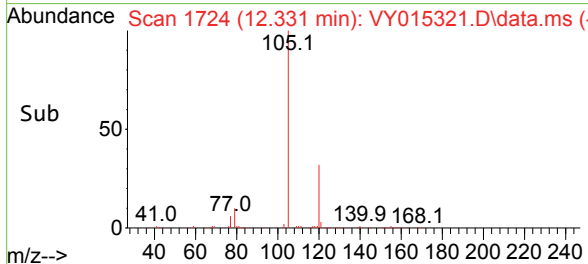
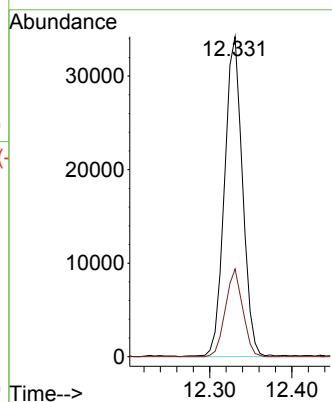
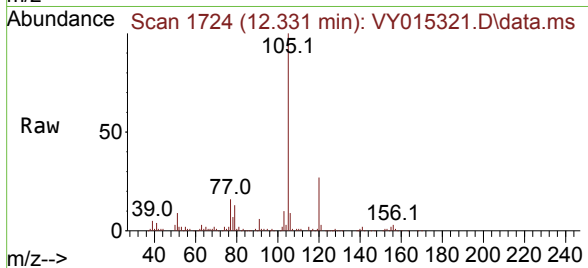
ClientSampleId :

Tgt Ion:105 Resp: 52022

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.9



#74

N-amy1 acetate

Concen: 41.873 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

Tgt Ion: 43 Resp: 14623

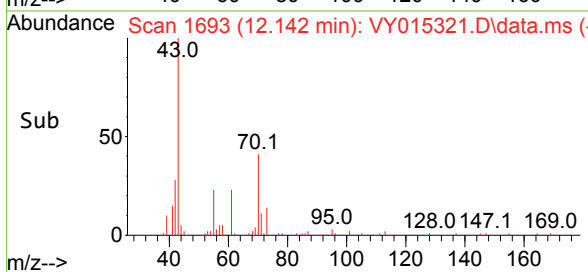
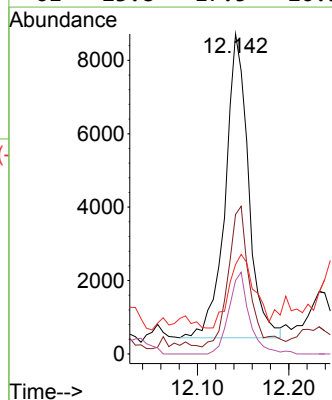
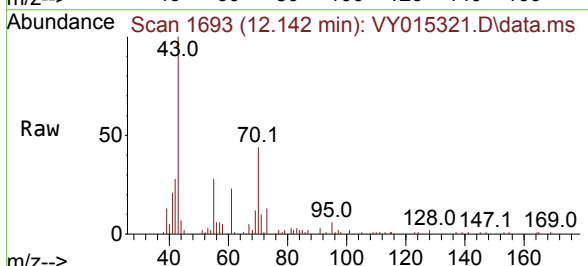
Ion Ratio Lower Upper

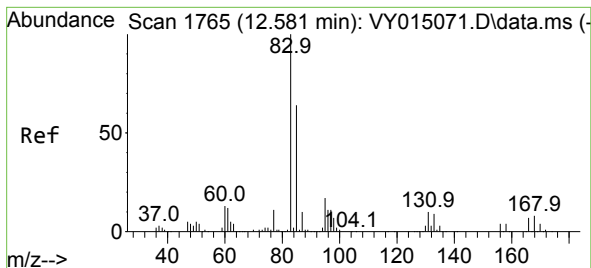
43 100

70 42.9 29.7 44.5

55 31.6 18.3 27.5#

61 23.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 56.963 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015321.D

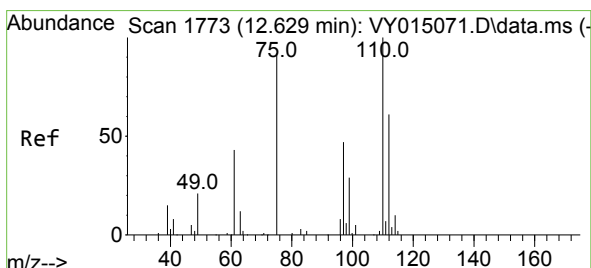
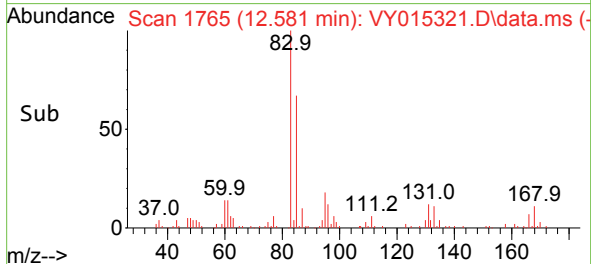
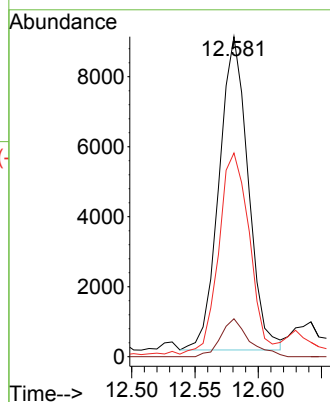
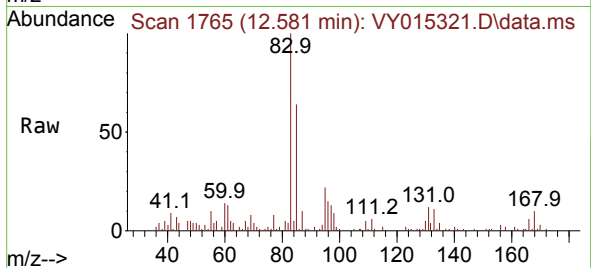
Acq: 24 Aug 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	14350
Ion	Ratio	Lower	Upper
83	100		
131	11.7	5.4	16.2
85	69.2	31.8	95.4



#76

1,2,3-Trichloropropane

Concen: 90.797 ug/l

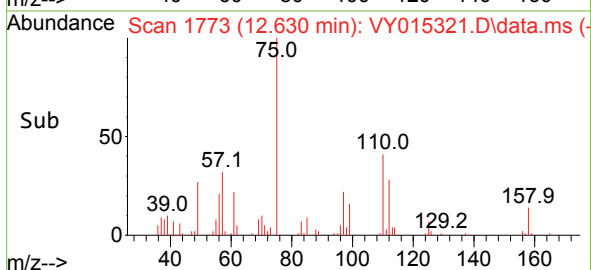
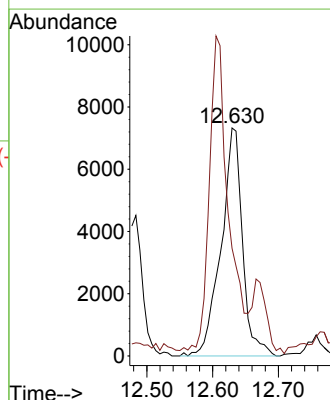
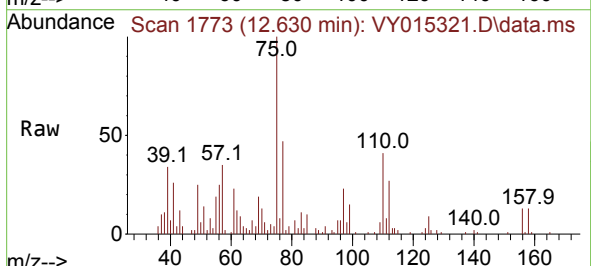
RT: 12.630 min Scan# 1773

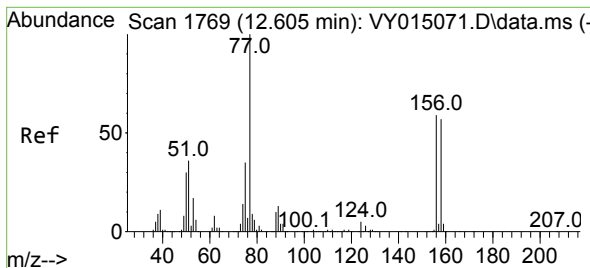
Delta R.T. 0.000 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

Tgt Ion:	75	Resp:	16593
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 43.911 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :

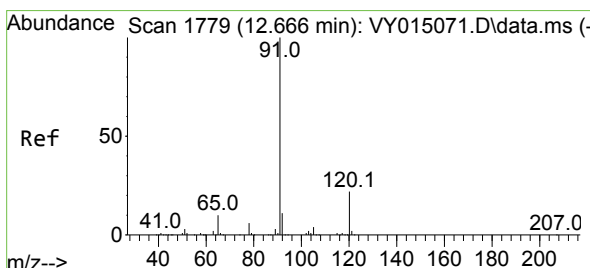
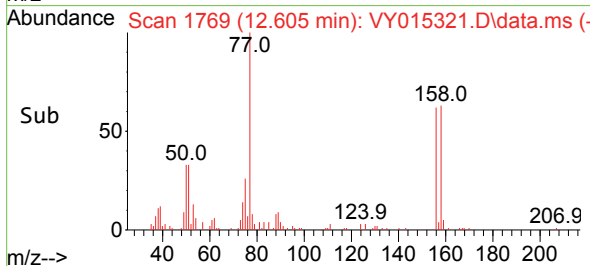
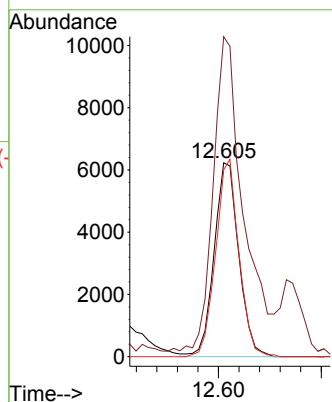
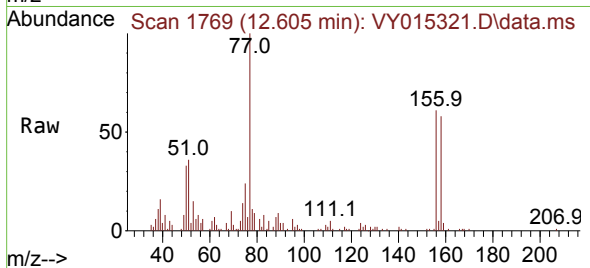
Tgt Ion:156 Resp: 10353

Ion Ratio Lower Upper

156 100

77 197.0 92.8 278.6

158 95.9 48.4 145.3



#78

n-propylbenzene

Concen: 72.656 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015321.D

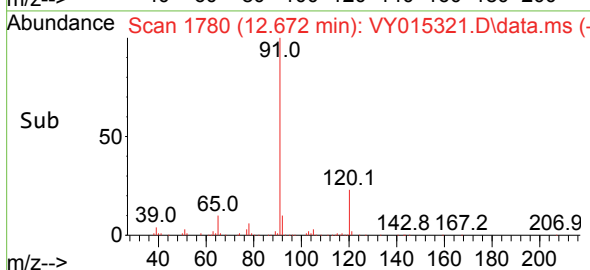
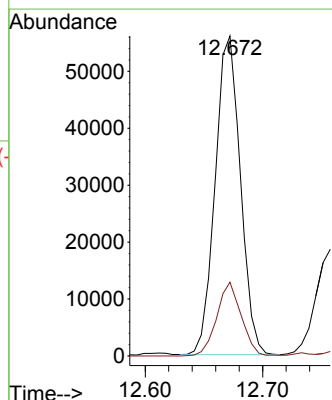
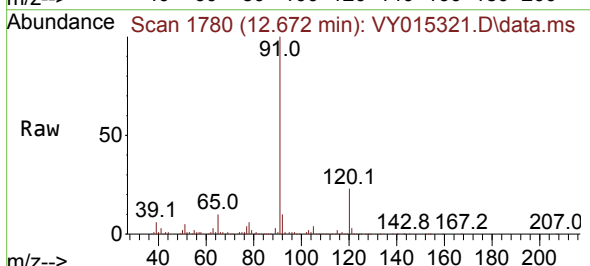
Acq: 24 Aug 2023 18:50

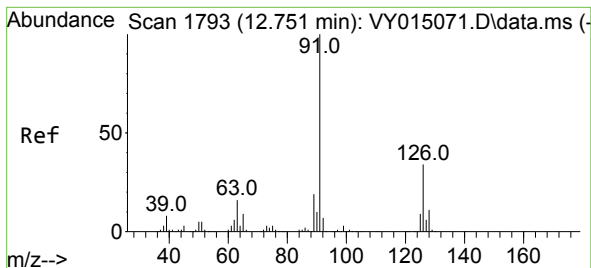
Tgt Ion: 91 Resp: 83453

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4

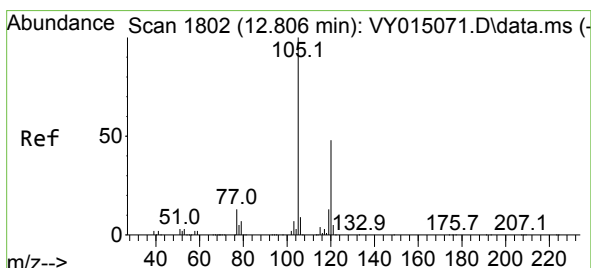
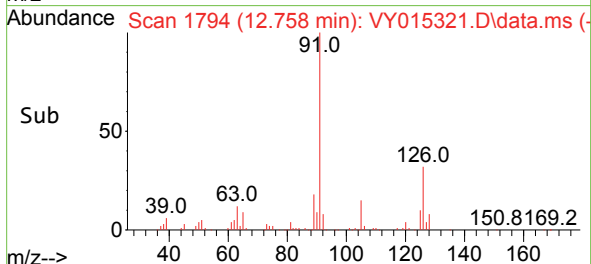
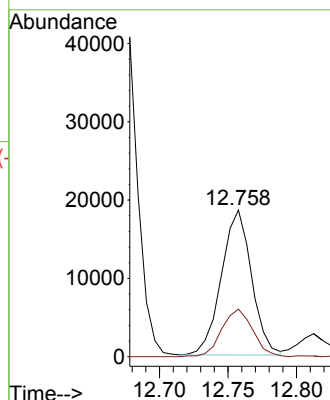
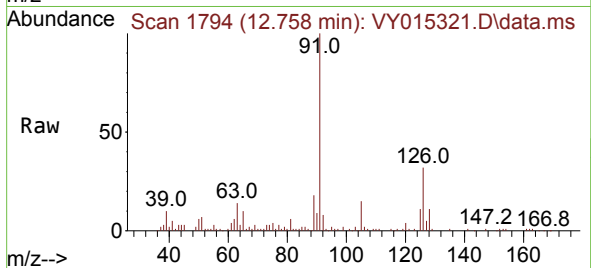




#79
2-Chlorotoluene
Concen: 42.949 ug/l
RT: 12.758 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VY015321.D
Acq: 24 Aug 2023 18:50

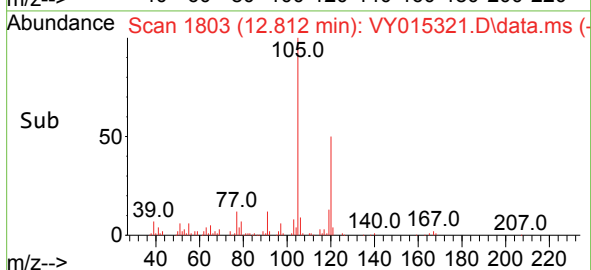
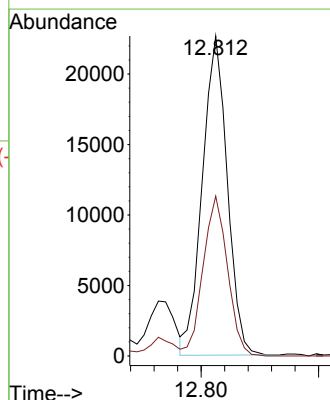
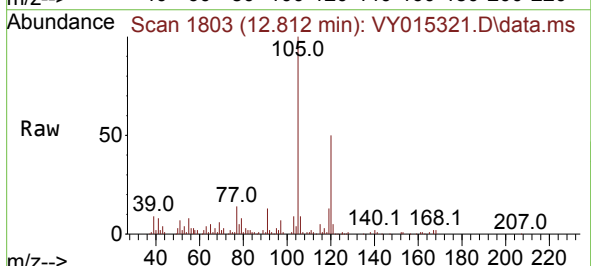
Instrument :
MSVOA_Y
ClientSampleId :

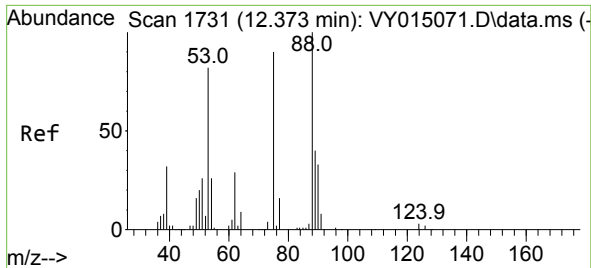
Tgt Ion: 91 Resp: 28458
Ion Ratio Lower Upper
91 100
126 33.6 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 41.320 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015321.D
Acq: 24 Aug 2023 18:50

Tgt Ion: 105 Resp: 33315
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7

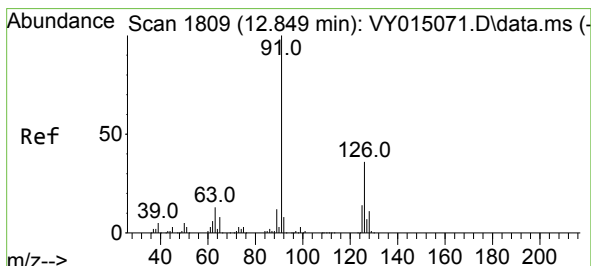
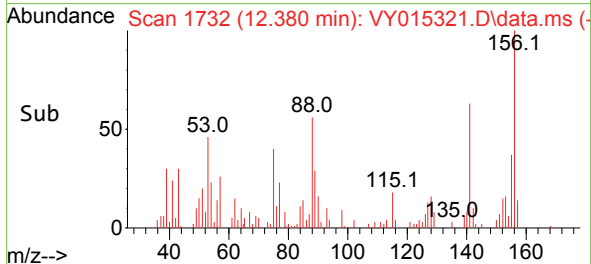
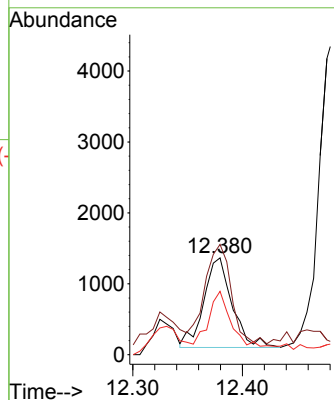
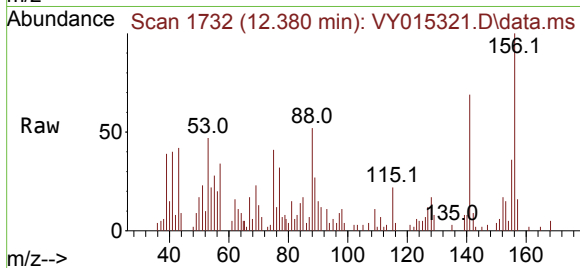




#81
trans-1,4-Dichloro-2-butene
Concen: 27.187 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY015321.D
Acq: 24 Aug 2023 18:50

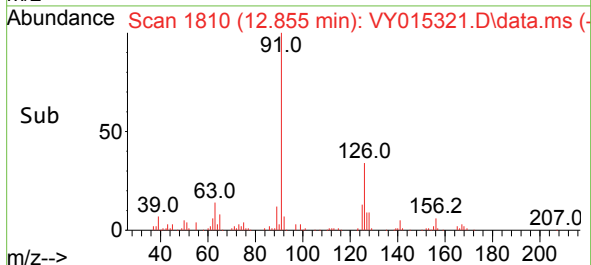
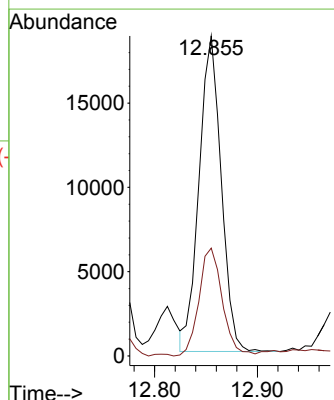
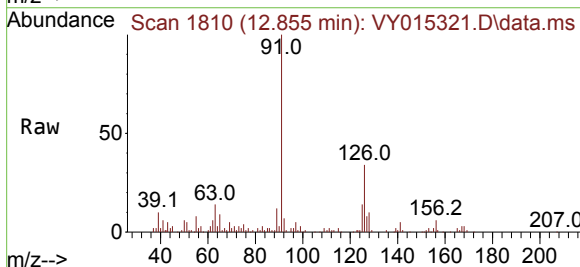
Instrument :
MSVOA_Y
ClientSampleId :

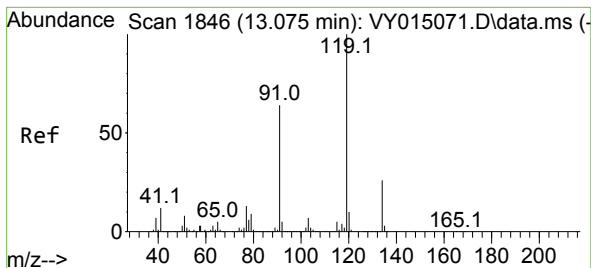
Tgt Ion: 75 Resp: 2262
Ion Ratio Lower Upper
75 100
53 103.5 77.8 116.8
89 51.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 40.957 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015321.D
Acq: 24 Aug 2023 18:50

Tgt Ion: 91 Resp: 28037
Ion Ratio Lower Upper
91 100
126 36.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 43.032 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015321.D

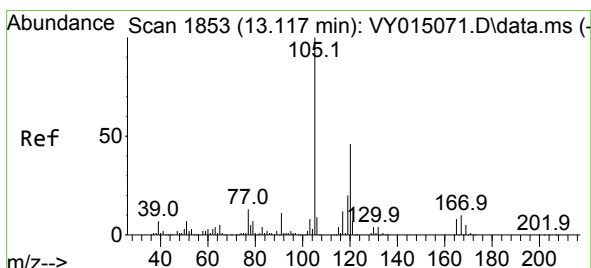
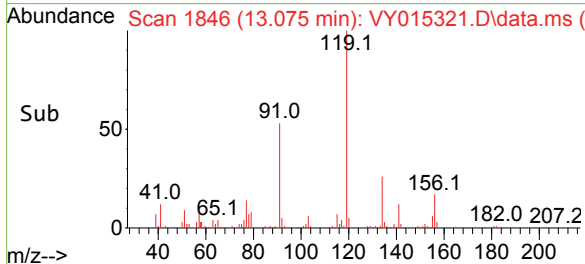
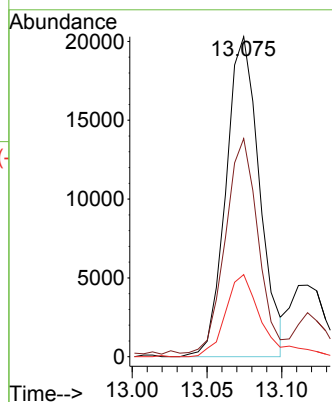
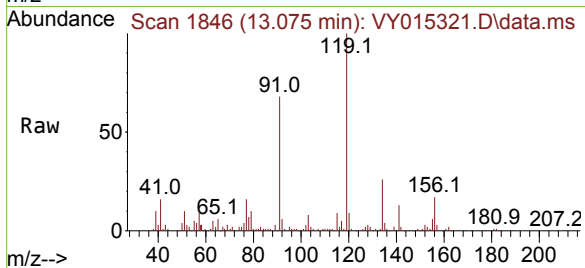
Acq: 24 Aug 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	119	Resp:	31735
Ion Ratio	Lower	Upper	
119	100		
91	65.5	32.9	98.6
134	27.9	13.0	38.9



#84

1,2,4-Trimethylbenzene

Concen: 42.412 ug/l

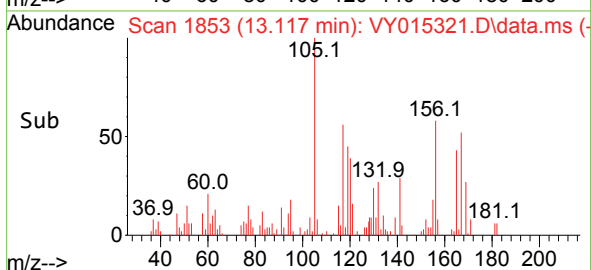
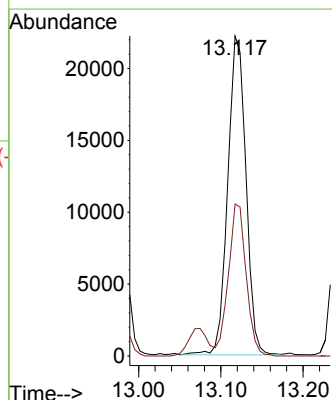
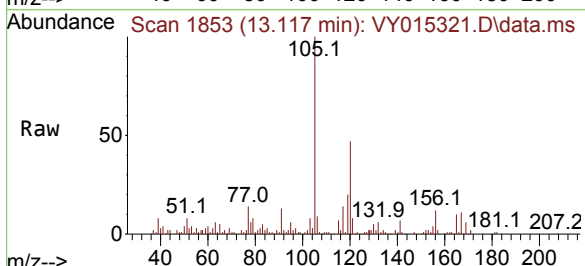
RT: 13.117 min Scan# 1853

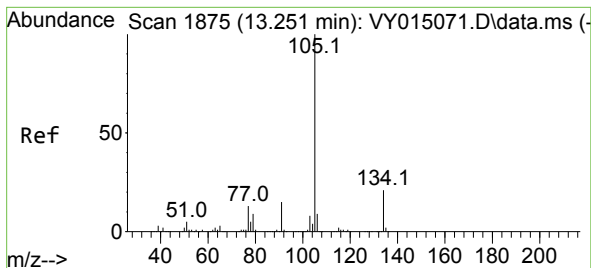
Delta R.T. 0.000 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

Tgt Ion:	105	Resp:	34170
Ion Ratio	Lower	Upper	
105	100		
120	46.6	22.2	66.6





#85

sec-Butylbenzene

Concen: 42.766 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

Instrument :

MSVOA_Y

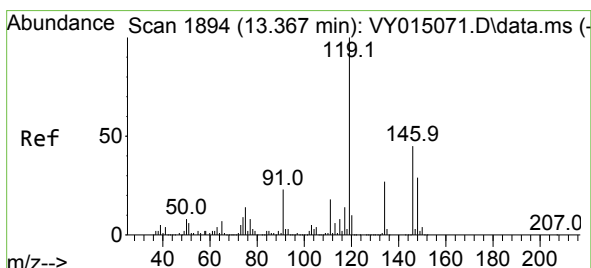
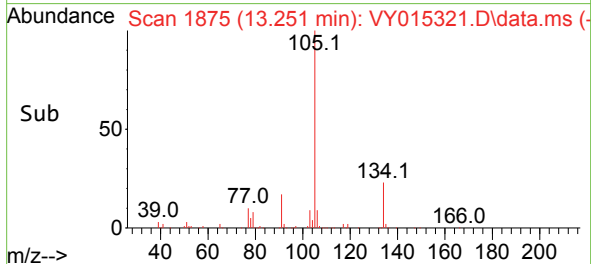
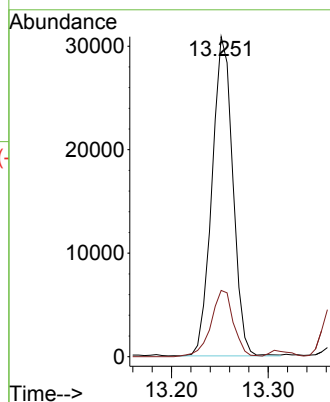
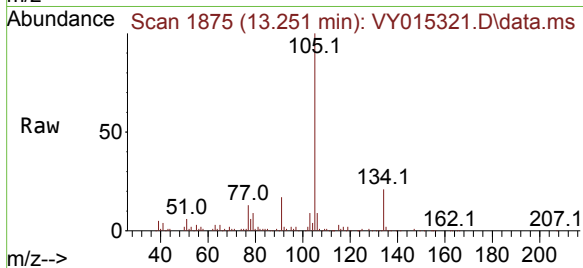
ClientSampleId :

Tgt Ion:105 Resp: 46211

Ion Ratio Lower Upper

105 100

134 22.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 39.591 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

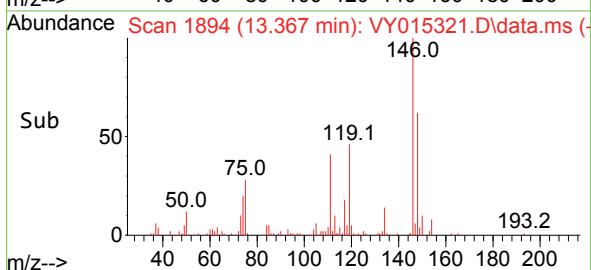
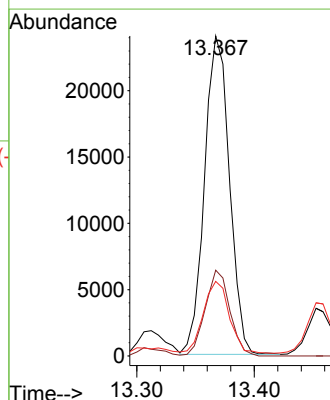
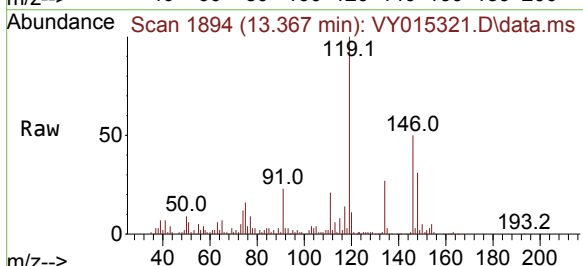
Tgt Ion:119 Resp: 35469

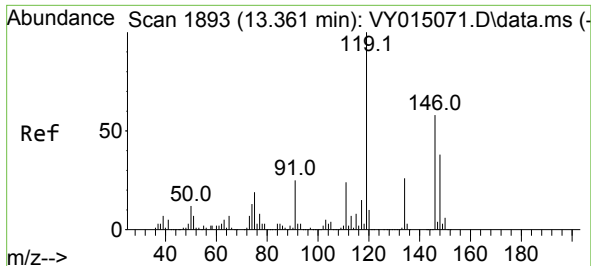
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 23.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 38.885 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY015321.D

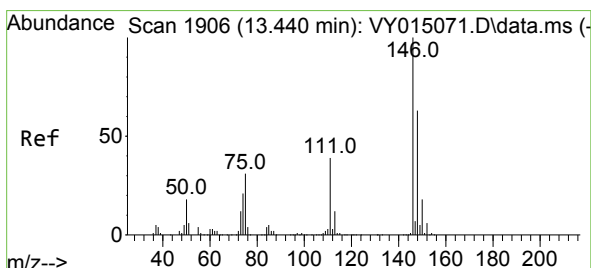
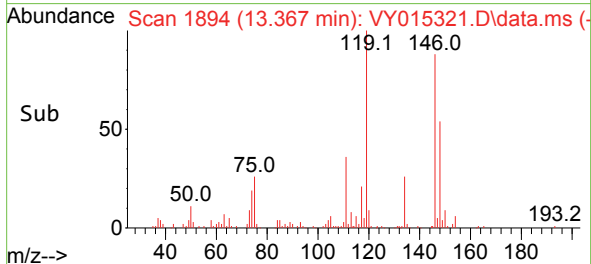
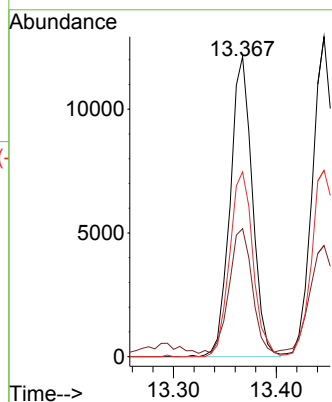
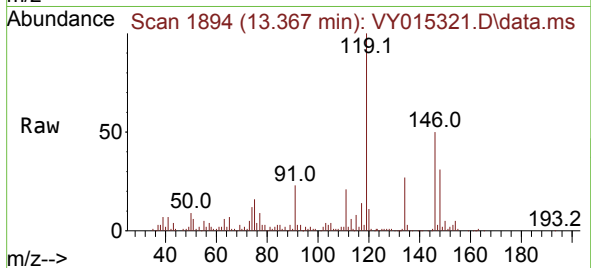
Acq: 24 Aug 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:146	Resp:	18184
Ion Ratio	Lower	Upper
146	100	
111	42.8	19.4 58.2
148	65.0	31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 41.161 ug/l

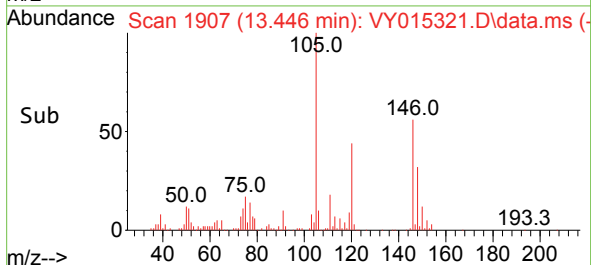
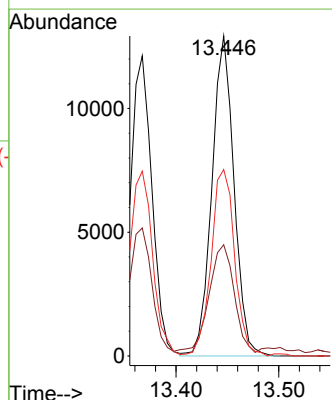
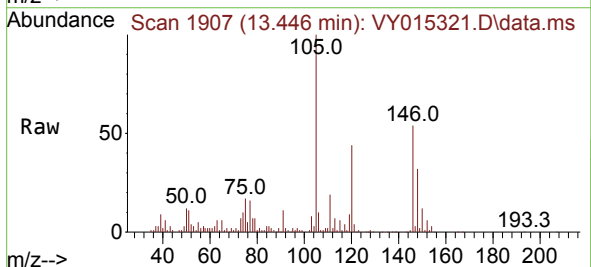
RT: 13.446 min Scan# 1907

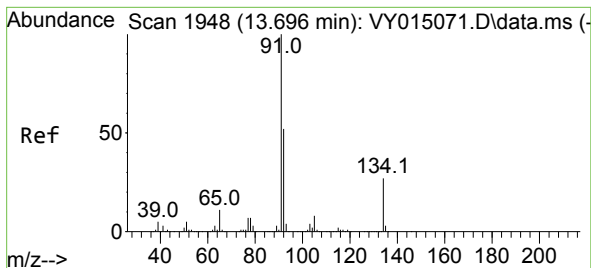
Delta R.T. 0.000 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

Tgt Ion:146	Resp:	19306
Ion Ratio	Lower	Upper
146	100	
111	38.0	18.9 56.7
148	62.3	32.1 96.5





#89

n-Butylbenzene

Concen: 42.907 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015321.D

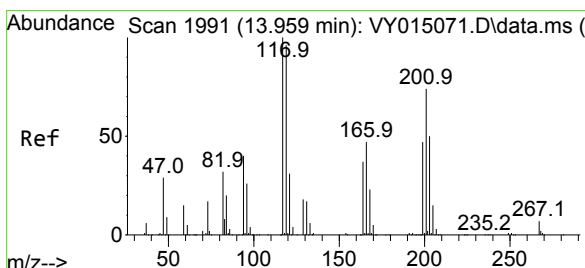
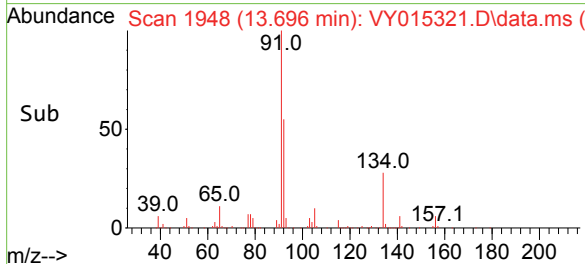
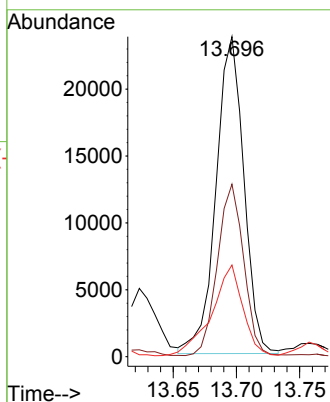
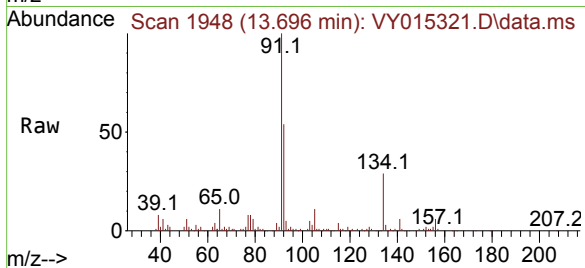
Acq: 24 Aug 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	91	Resp:	36243
Ion	Ratio	Lower	Upper
91	100		
92	51.0	25.4	76.0
134	32.8	12.6	37.6



#90

Hexachloroethane

Concen: 60.053 ug/l

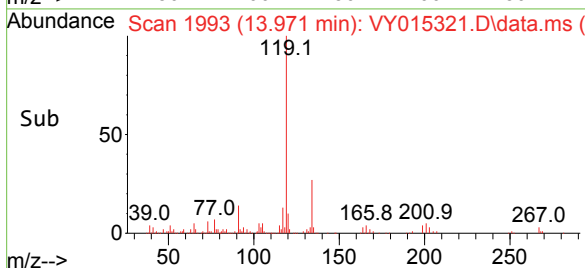
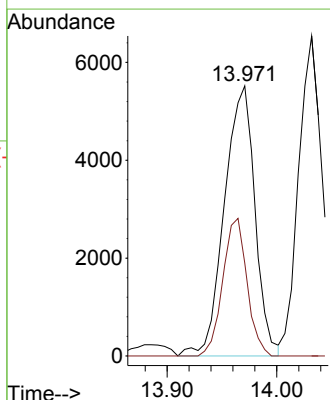
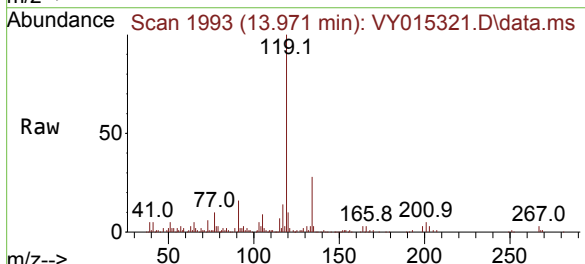
RT: 13.971 min Scan# 1993

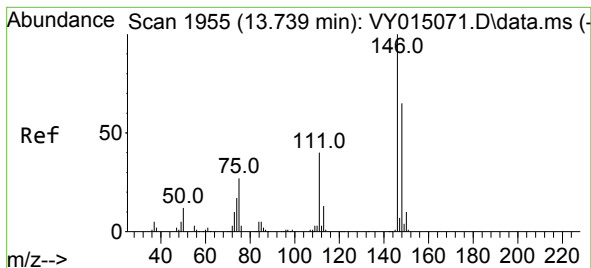
Delta R.T. 0.012 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

Tgt Ion:	117	Resp:	10673
Ion	Ratio	Lower	Upper
117	100		
201	40.5	41.6	124.8#





#91

1,2-Dichlorobenzene

Concen: 41.363 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :

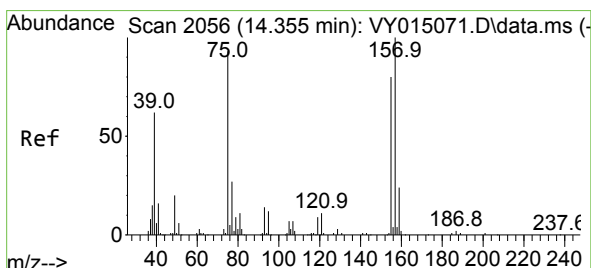
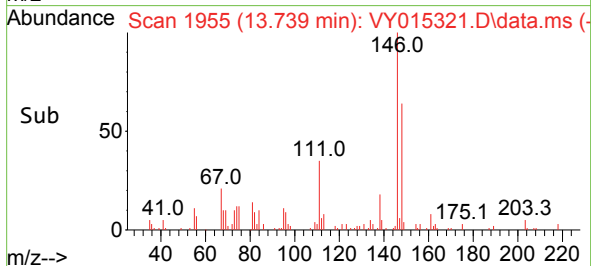
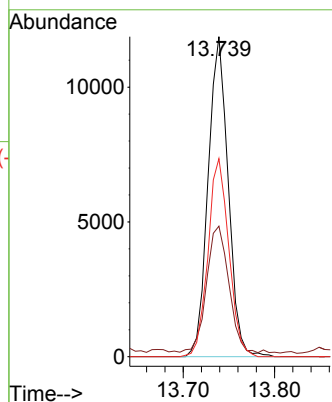
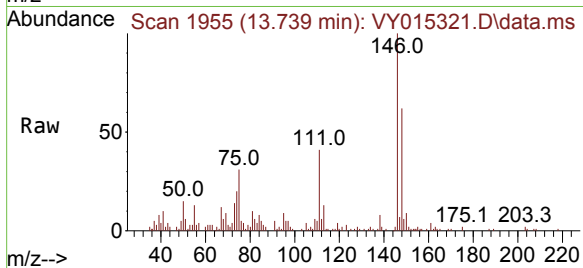
Tgt Ion:146 Resp: 18070

Ion Ratio Lower Upper

146 100

111 43.8 19.7 59.0

148 64.4 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.373 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

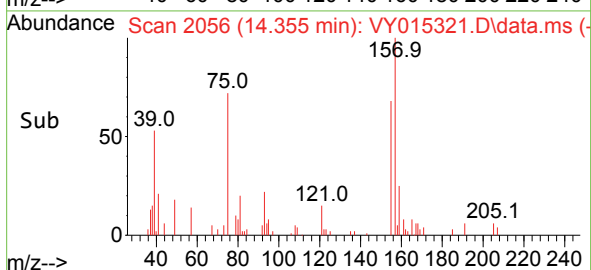
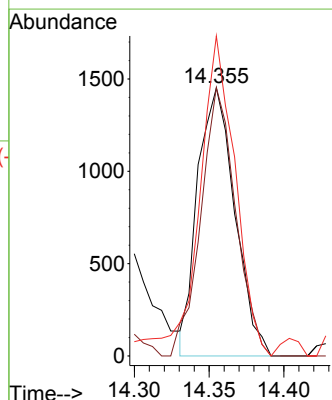
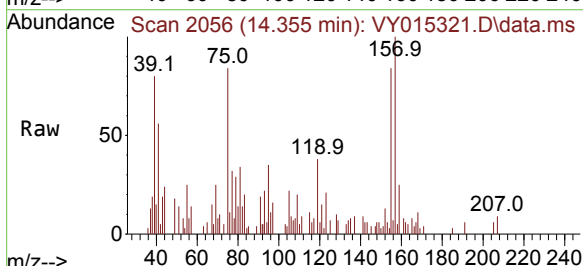
Tgt Ion: 75 Resp: 2507

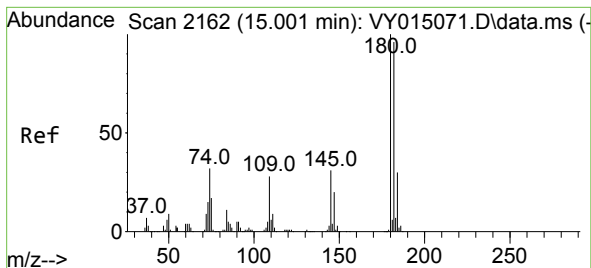
Ion Ratio Lower Upper

75 100

155 94.2 41.5 124.6

157 113.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 29.865 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :

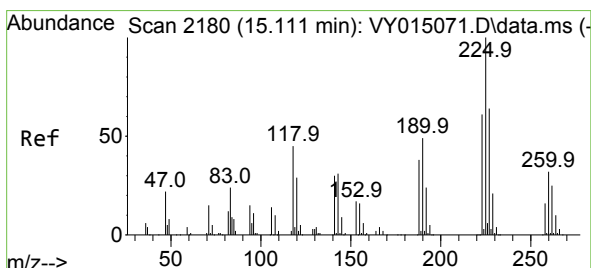
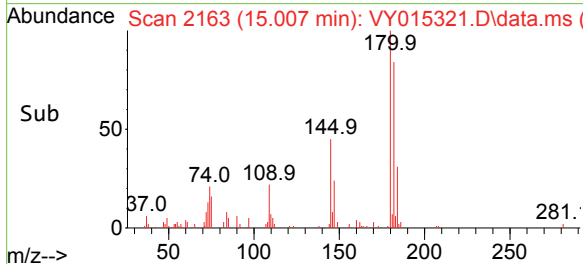
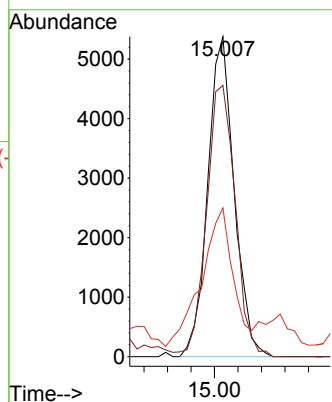
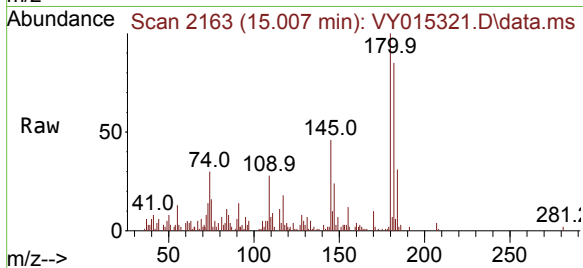
Tgt Ion:180 Resp: 8376

Ion Ratio Lower Upper

180 100

182 92.2 47.0 141.2

145 51.5 14.5 43.5#



#94

Hexachlorobutadiene

Concen: 19.370 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

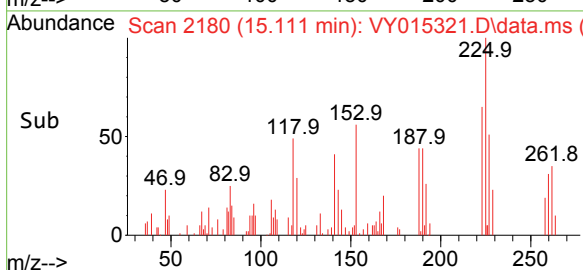
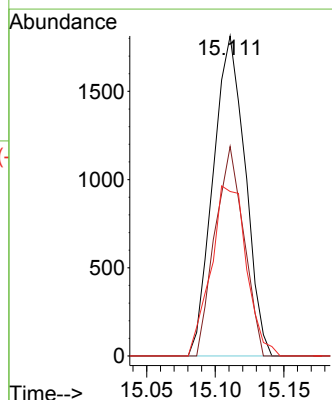
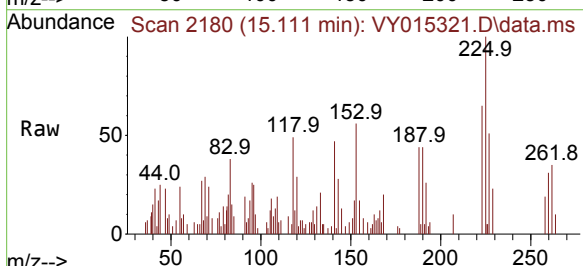
Tgt Ion:225 Resp: 2955

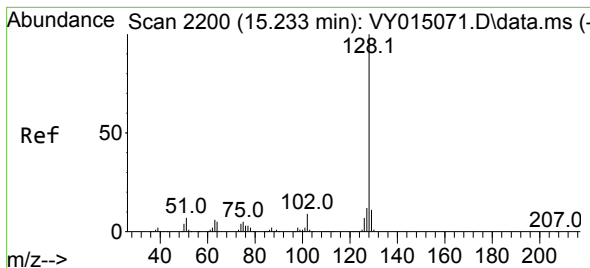
Ion Ratio Lower Upper

225 100

223 58.8 31.9 95.9

227 58.6 33.0 98.9





#95

Naphthalene

Concen: 113.306 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015321.D

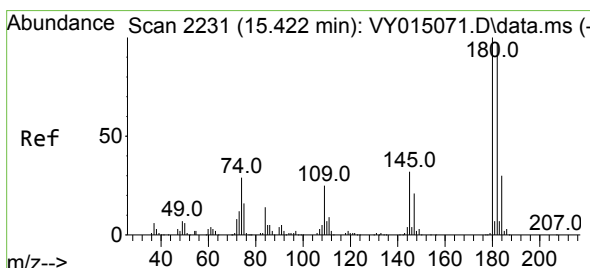
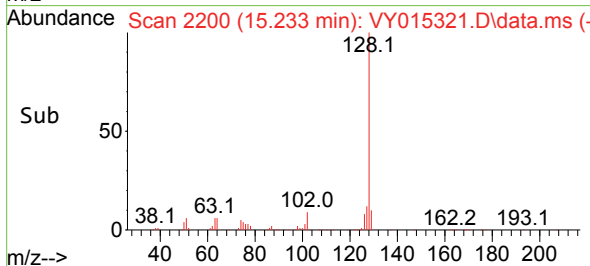
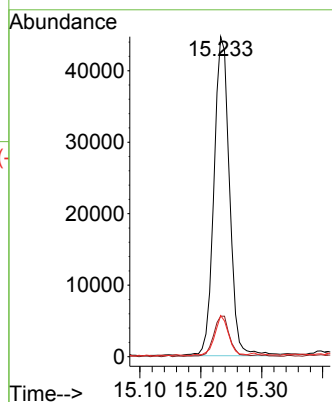
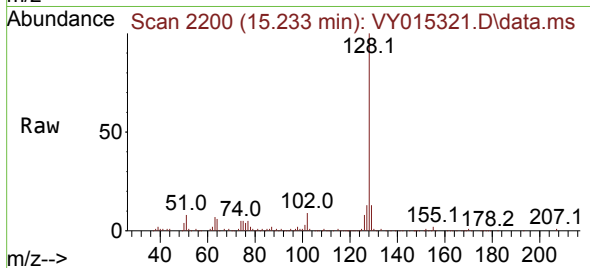
Acq: 24 Aug 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	79161
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.8 16.2
129	11.2	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 27.897 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015321.D

Acq: 24 Aug 2023 18:50

Tgt Ion:180	Resp:	7066
Ion Ratio	Lower	Upper
180	100	
182	95.2	47.3 141.8
145	66.1	15.4 46.2

