

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
 Data File : VY015369.D
 Acq On : 30 Aug 2023 11:53
 Operator : SY/MD
 Sample : VY0830SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 31 00:57:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 22:47:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	178529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	295500	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	269814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134521	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	94541	49.399	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.800%
35) Dibromofluoromethane	7.710	113	83180	48.871	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.740%
50) Toluene-d8	10.179	98	289056	46.897	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.800%
62) 4-Bromofluorobenzene	12.477	95	107599	47.024	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.040%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	29592	19.068	ug/l	92
3) Chloromethane	2.107	50	43072	20.899	ug/l	99
4) Vinyl Chloride	2.247	62	46509	19.388	ug/l	95
5) Bromomethane	2.631	94	29380	17.212	ug/l	98
6) Chloroethane	2.772	64	31174	19.770	ug/l	100
7) Trichlorofluoromethane	3.107	101	68004	20.041	ug/l	100
8) Diethyl Ether	3.521	74	24538	21.160	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.887	101	36876	19.607	ug/l	94
10) Methyl Iodide	4.076	142	38583	17.469	ug/l	99
11) Tert butyl alcohol	4.930	59	95473	215.143	ug/l #	89
12) 1,1-Dichloroethene	3.857	96	35354	19.921	ug/l	91
13) Acrolein	3.723	56	41083	85.316	ug/l	99
14) Allyl chloride	4.472	41	58639	20.753	ug/l	98
15) Acrylonitrile	5.155	53	84805	116.216	ug/l	98
16) Acetone	3.948	43	88369	110.625	ug/l	96
17) Carbon Disulfide	4.180	76	101609	19.151	ug/l	99
18) Methyl Acetate	4.472	43	74210	25.649	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	121774	21.112	ug/l	99
20) Methylene Chloride	4.704	84	75446	25.966	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	41261	20.190	ug/l	93
22) Diisopropyl ether	6.119	45	126060	20.399	ug/l	93
23) Vinyl Acetate	6.051	43	401838	116.618	ug/l	95
24) 1,1-Dichloroethane	6.009	63	72545	20.307	ug/l	98
25) 2-Butanone	6.984	43	136945	120.872	ug/l	99
26) 2,2-Dichloropropane	6.978	77	68173	22.468	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	46596	20.099	ug/l	96
28) Bromochloromethane	7.326	49	24554	22.413	ug/l	97
29) Tetrahydrofuran	7.344	42	85351	119.962	ug/l	94
30) Chloroform	7.502	83	76894	20.476	ug/l	98
31) Cyclohexane	7.777	56	64440	18.955	ug/l	87
32) 1,1,1-Trichloroethane	7.697	97	68075	20.295	ug/l	99
36) 1,1-Dichloropropene	7.911	75	57486	19.235	ug/l	99
37) Ethyl Acetate	7.076	43	53747	23.318	ug/l	99
38) Carbon Tetrachloride	7.893	117	59507	19.279	ug/l	96
39) Methylcyclohexane	9.179	83	69877	18.572	ug/l	93
40) Benzene	8.155	78	165708	19.874	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	74361	62.903	ug/l #	29
42) 1,2-Dichloroethane	8.228	62	56271	20.239	ug/l	96
43) Isopropyl Acetate	8.271	43	85270	21.394	ug/l	97
44) Trichloroethene	8.935	130	47215	20.014	ug/l	98
45) 1,2-Dichloropropane	9.216	63	41473	19.731	ug/l	99
46) Dibromomethane	9.301	93	28574	20.465	ug/l	96
47) Bromodichloromethane	9.490	83	60285	20.190	ug/l	98
48) Methyl methacrylate	9.289	41	38327	20.959	ug/l	93
49) 1,4-Dioxane	9.307	88	11888	458.391	ug/l #	48
51) 4-Methyl-2-Pentanone	10.069	43	268046	115.707	ug/l	95
52) Toluene	10.240	92	106771	19.979	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	63235	19.928	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	70233	20.346	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	38861	20.657	ug/l	94
56) Ethyl methacrylate	10.508	69	59741	21.429	ug/l	89
57) 1,3-Dichloropropane	10.788	76	67629	20.883	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	112091	112.644	ug/l	95
59) 2-Hexanone	10.831	43	202875	116.712	ug/l	93
60) Dibromochloromethane	10.983	129	44559	20.236	ug/l	98
61) 1,2-Dibromoethane	11.087	107	40024	20.996	ug/l	99
64) Tetrachloroethene	10.715	164	50735	20.717	ug/l	97
65) Chlorobenzene	11.514	112	115352	19.840	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	42463	19.954	ug/l	98
67) Ethyl Benzene	11.593	91	203720	19.513	ug/l	99
68) m/p-Xylenes	11.697	106	158846	39.253	ug/l	96
69) o-Xylene	12.026	106	75618	19.552	ug/l	98
70) Styrene	12.044	104	127038	19.536	ug/l	98
71) Bromoform	12.203	173	31110	20.957	ug/l #	97
73) Isopropylbenzene	12.325	105	197907	19.586	ug/l	99
74) N-amyl acetate	12.142	43	70647	20.811	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	50990	21.139	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	69237	38.973	ug/l #	100
77) Bromobenzene	12.605	156	48961	20.459	ug/l	97
78) n-propylbenzene	12.666	91	240055	19.634	ug/l	100
79) 2-Chlorotoluene	12.751	91	135826	19.806	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	166078	19.651	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	16873	20.865	ug/l	99
82) 4-Chlorotoluene	12.855	91	142098	19.938	ug/l	99
83) tert-Butylbenzene	13.075	119	144451	19.514	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	165824	19.761	ug/l	99
85) sec-Butylbenzene	13.251	105	215522	19.520	ug/l	100
86) p-Isopropyltoluene	13.367	119	182932	19.768	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	94043	19.905	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	94534	19.794	ug/l	99
89) n-Butylbenzene	13.696	91	169156	19.421	ug/l	97
90) Hexachloroethane	13.959	117	32411	19.583	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	85778	19.895	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10764	22.559	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	53616	19.801	ug/l	96
94) Hexachlorobutadiene	15.111	225	29906	20.255	ug/l	97
95) Naphthalene	15.233	128	144367	21.524	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	50498	20.446	ug/l	99

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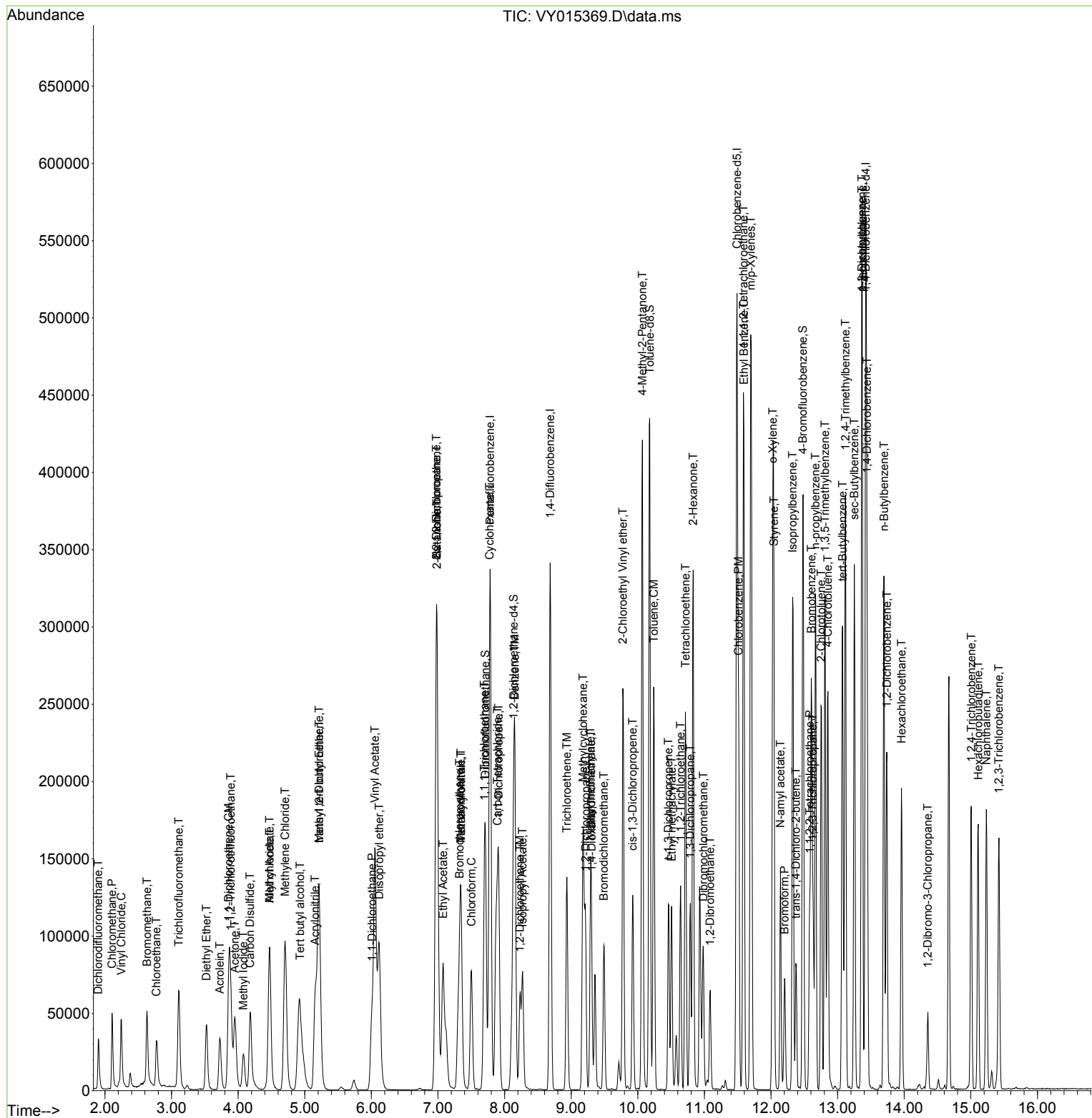
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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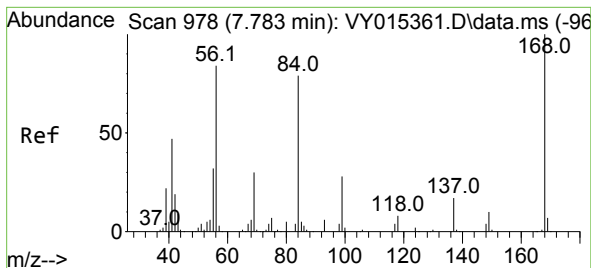
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY015369.D

Acq: 30 Aug 2023 11:53

Instrument :

MSVOA_Y

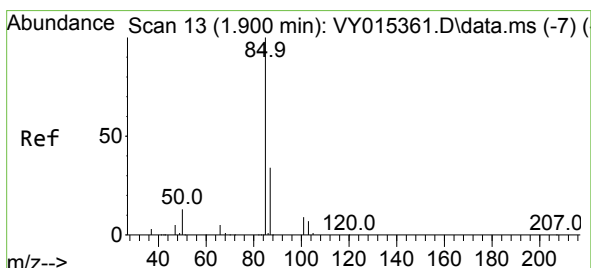
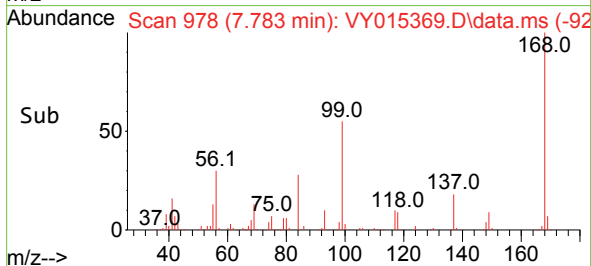
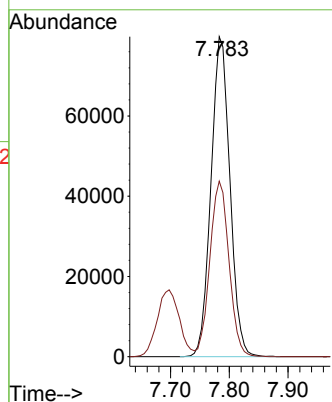
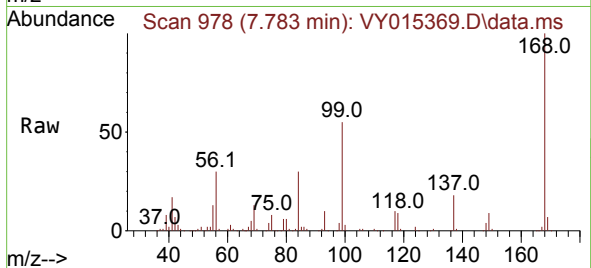
ClientSampleId :

Tgt Ion:168 Resp: 178529

Ion Ratio Lower Upper

168 100

99 54.9 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 19.068 ug/l

RT: 1.900 min Scan# 13

Delta R.T. 0.000 min

Lab File: VY015369.D

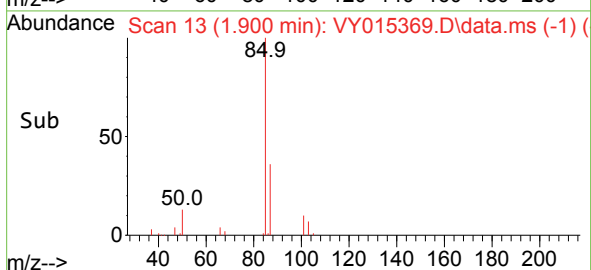
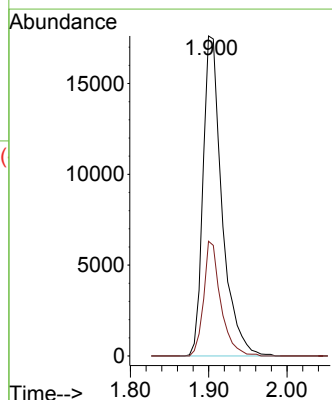
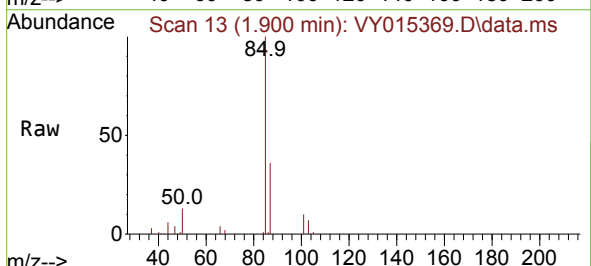
Acq: 30 Aug 2023 11:53

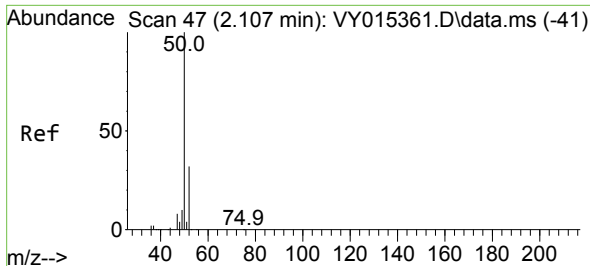
Tgt Ion: 85 Resp: 29592

Ion Ratio Lower Upper

85 100

87 35.8 15.6 46.8

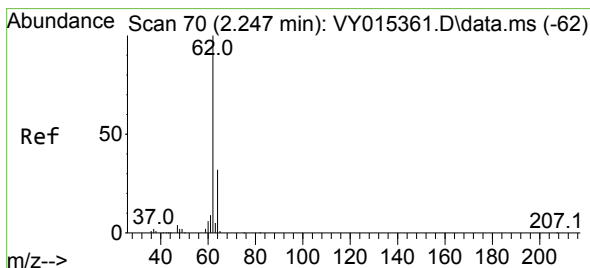
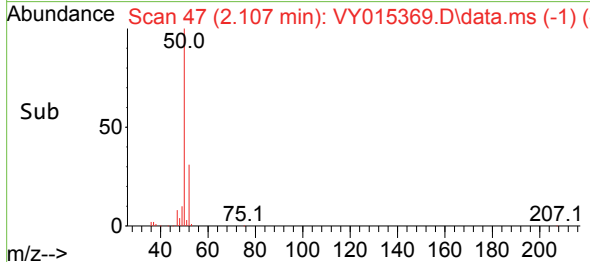
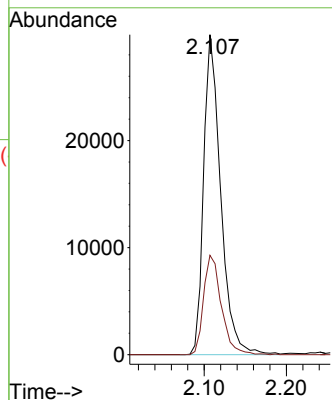
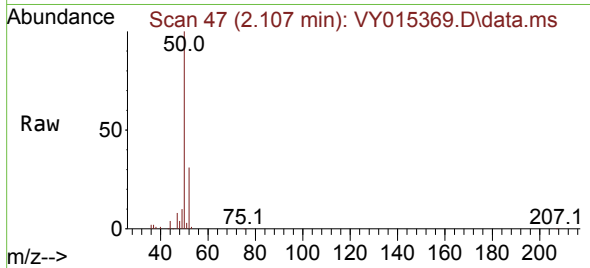




#3
Chloromethane
Concen: 20.899 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015369.D
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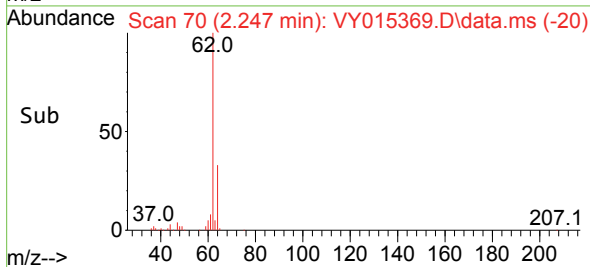
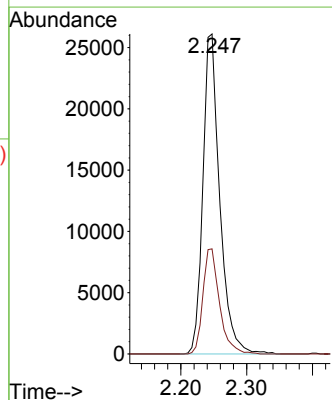
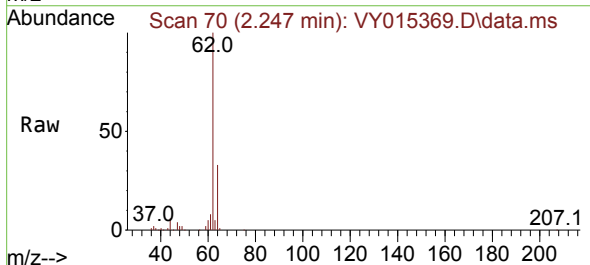
Instrument :
MSVOA_Y
ClientSampleId :

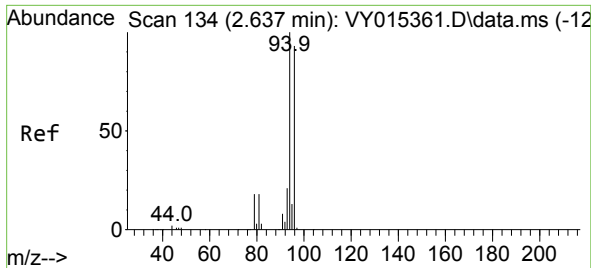
Tgt Ion: 50 Resp: 43072
Ion Ratio Lower Upper
50 100
52 31.0 25.4 38.2



#4
Vinyl Chloride
Concen: 19.388 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

Tgt Ion: 62 Resp: 46509
Ion Ratio Lower Upper
62 100
64 32.9 24.3 36.5

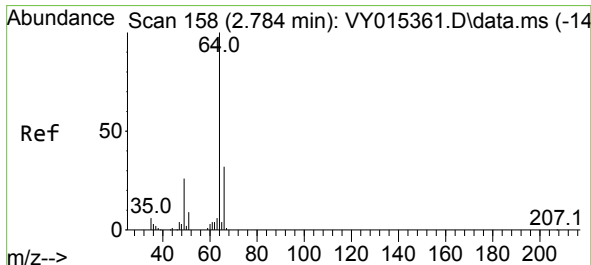
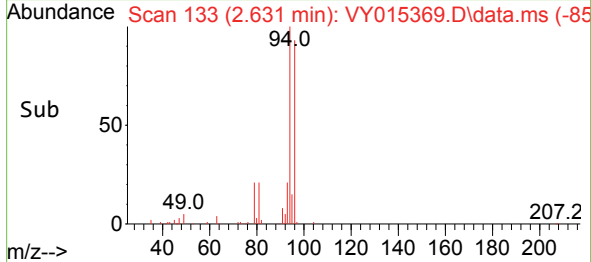
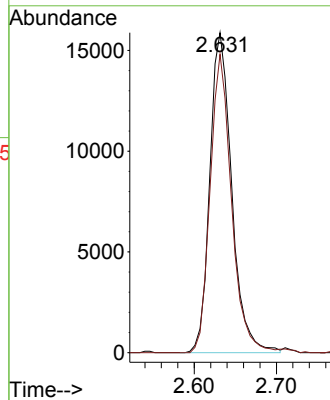
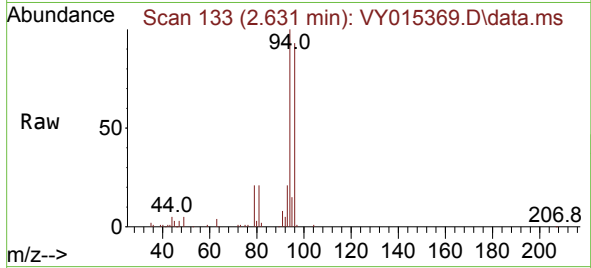




#5
Bromomethane
Concen: 17.212 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015369.D
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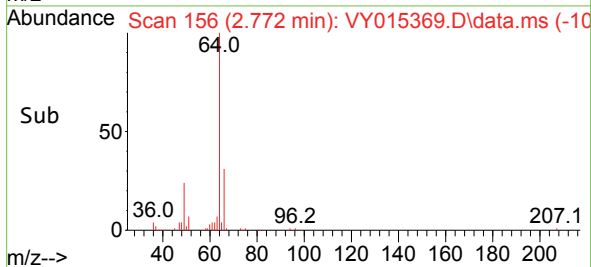
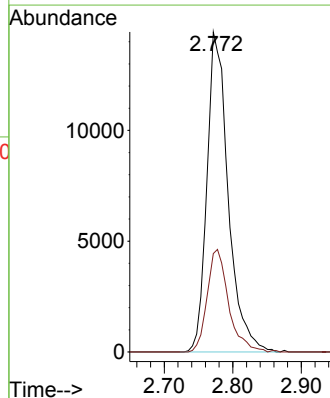
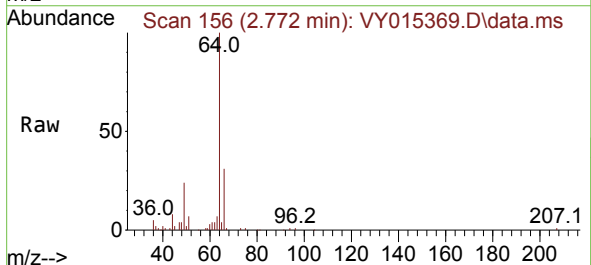
Instrument :
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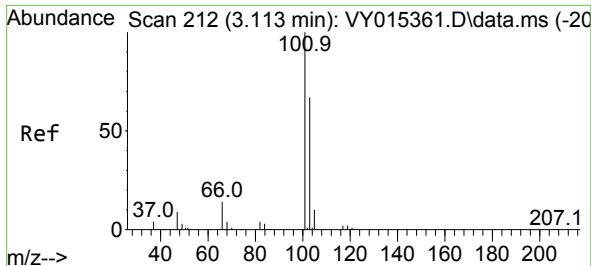
Tgt Ion: 94 Resp: 29380
Ion Ratio Lower Upper
94 100
96 93.2 75.8 113.6



#6
Chloroethane
Concen: 19.770 ug/l
RT: 2.772 min Scan# 156
Delta R.T. -0.012 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

Tgt Ion: 64 Resp: 31174
Ion Ratio Lower Upper
64 100
66 30.8 24.4 36.6

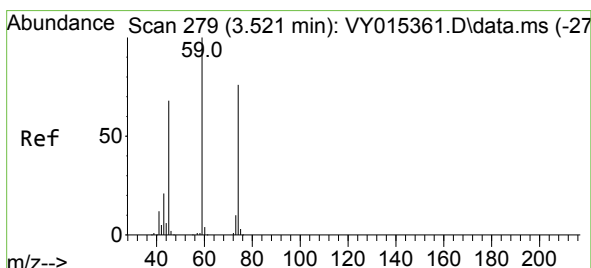
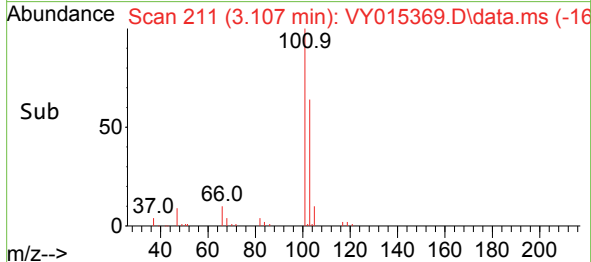
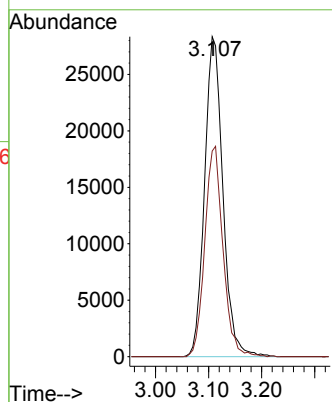
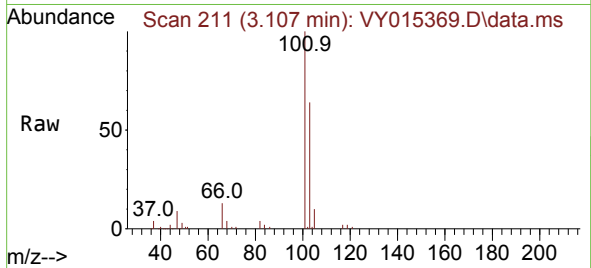




#7
Trichlorofluoromethane
Concen: 20.041 ug/l
RT: 3.107 min Scan# 212
Delta R.T. -0.006 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

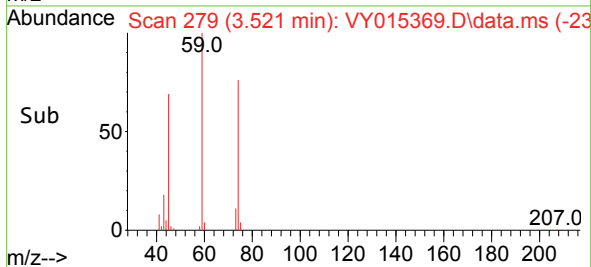
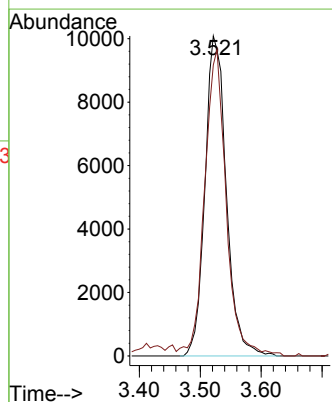
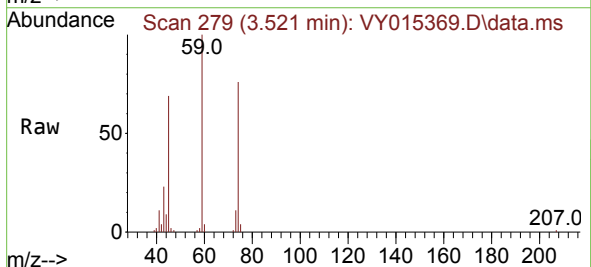
Instrument :
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ClientSampleId :

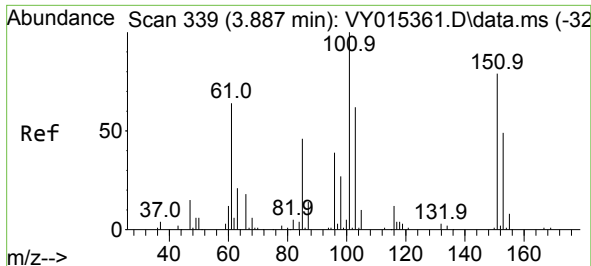
Tgt Ion:101 Resp: 68004
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.0



#8
Diethyl Ether
Concen: 21.160 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.000 min
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Acq: 30 Aug 2023 11:53

Tgt Ion: 74 Resp: 24538
Ion Ratio Lower Upper
74 100
45 96.6 51.5 154.5

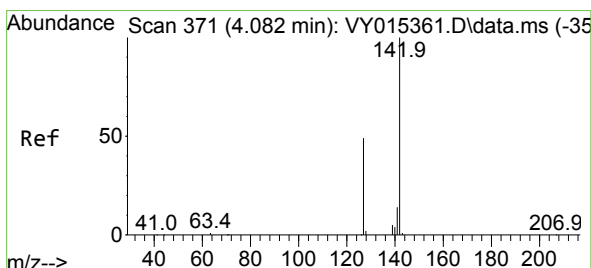
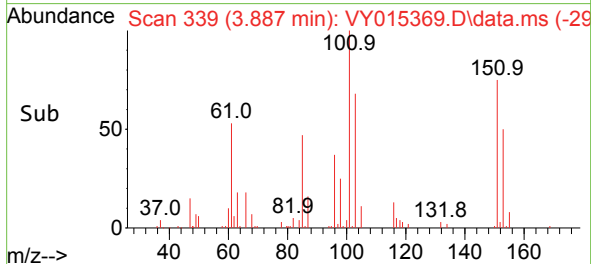
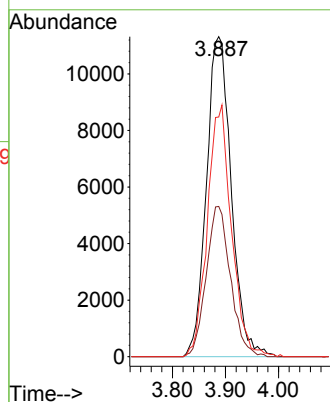
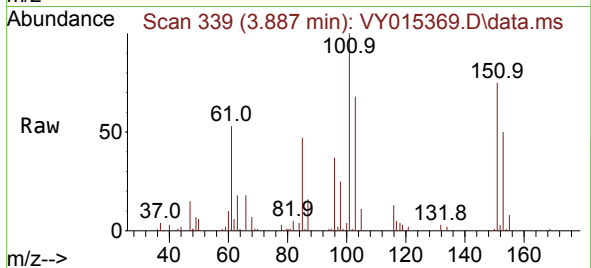




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.607 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

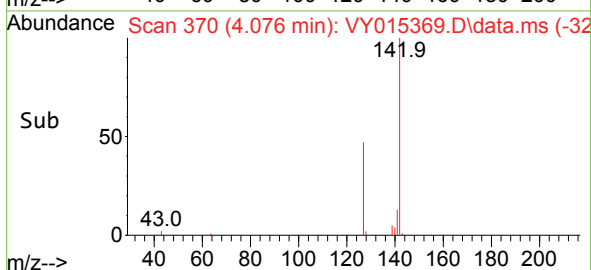
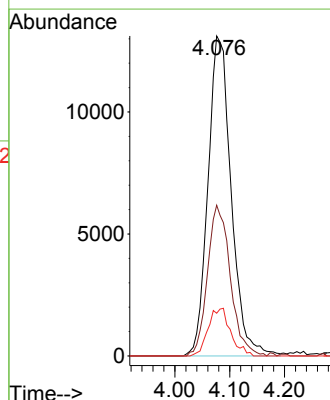
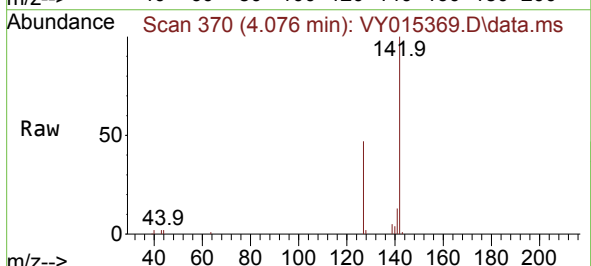
Instrument :
MSVOA_Y
ClientSampleId :

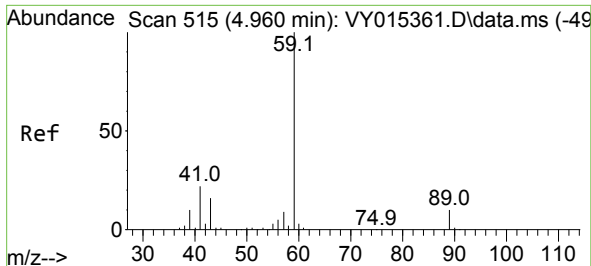
Tgt Ion:101 Resp: 36876
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 76.1 67.0 100.6



#10
Methyl Iodide
Concen: 17.469 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

Tgt Ion:142 Resp: 38583
Ion Ratio Lower Upper
142 100
127 46.3 37.6 56.4
141 14.4 11.8 17.8

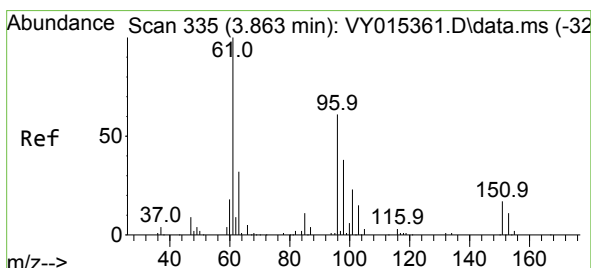
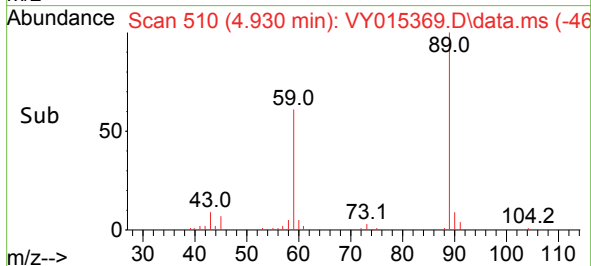
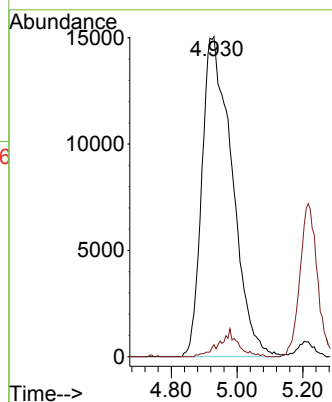
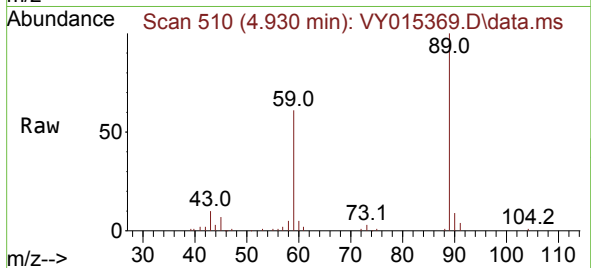




#11
Tert butyl alcohol
Concen: 215.143 ug/l
RT: 4.930 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

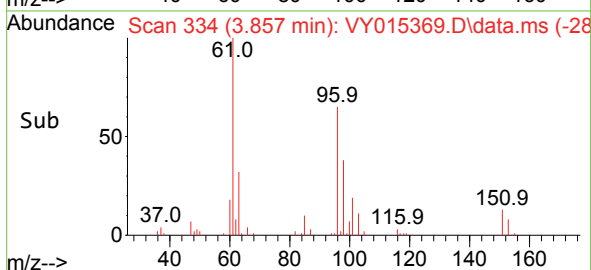
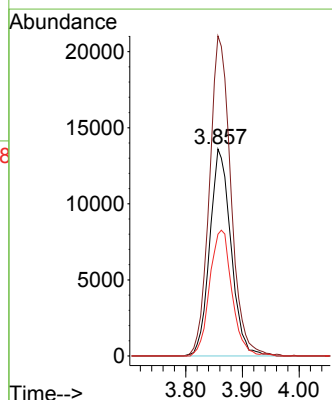
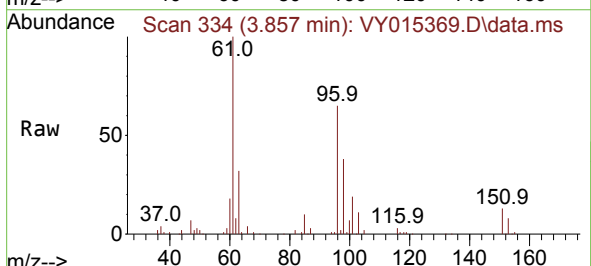
Instrument :
MSVOA_Y
ClientSampleId :

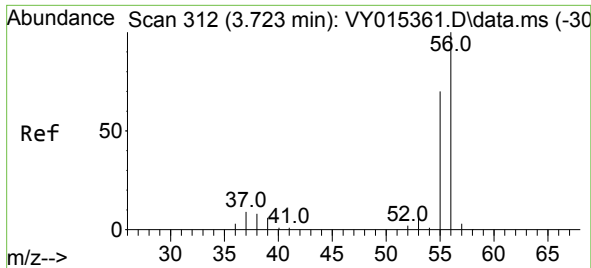
Tgt Ion: 59 Resp: 95473
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.921 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

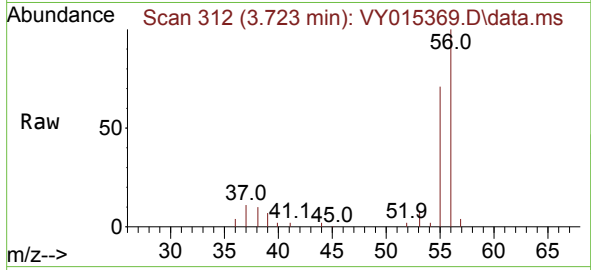
Tgt Ion: 96 Resp: 35354
Ion Ratio Lower Upper
96 100
61 154.7 136.4 204.6
98 58.9 49.4 74.2



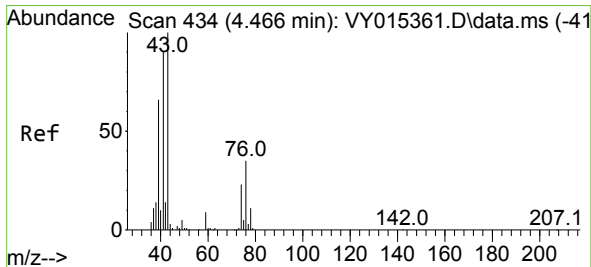
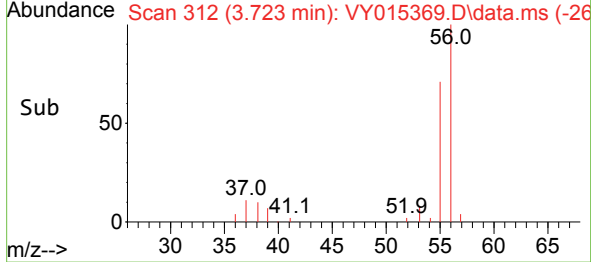
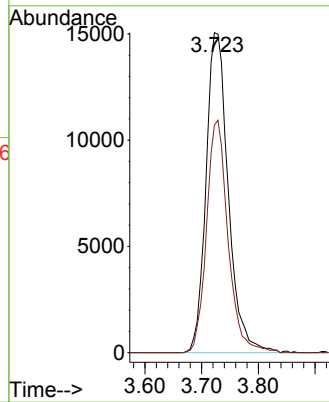


#13
Acrolein
Concen: 85.316 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

Instrument :
MSVOA_Y
ClientSampleId :

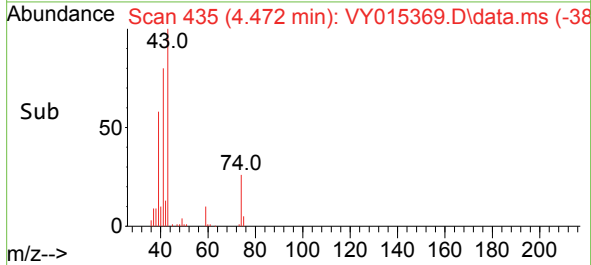
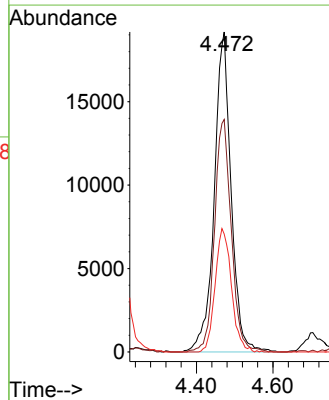
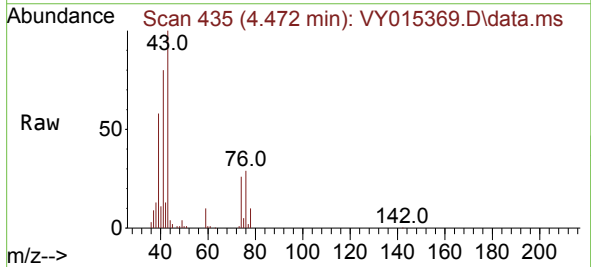


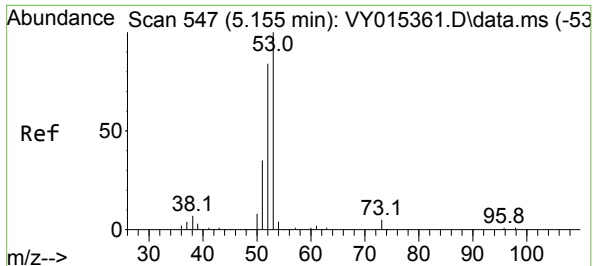
Tgt Ion: 56 Resp: 41083
Ion Ratio Lower Upper
56 100
55 70.1 57.0 85.4



#14
Allyl chloride
Concen: 20.753 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

Tgt Ion: 41 Resp: 58639
Ion Ratio Lower Upper
41 100
39 72.3 58.0 87.0
76 37.3 27.4 41.2

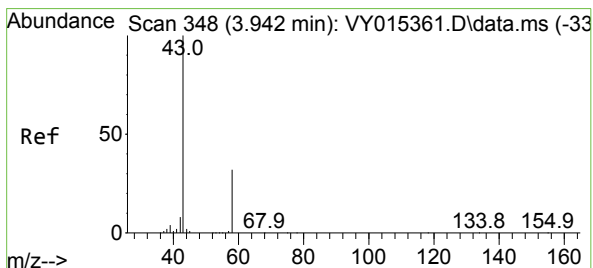
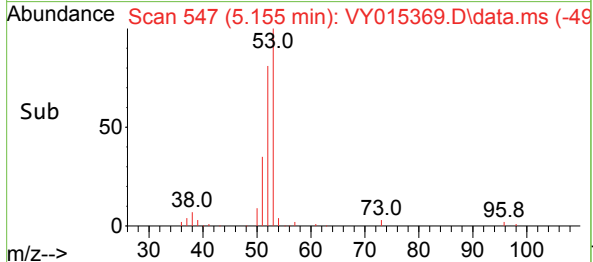
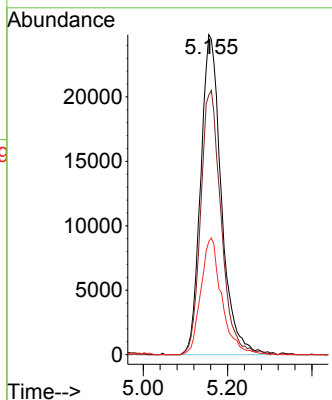
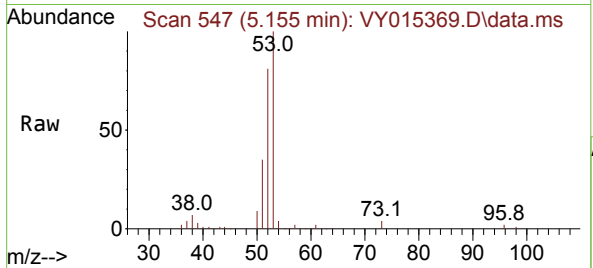




#15
Acrylonitrile
Concen: 116.216 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

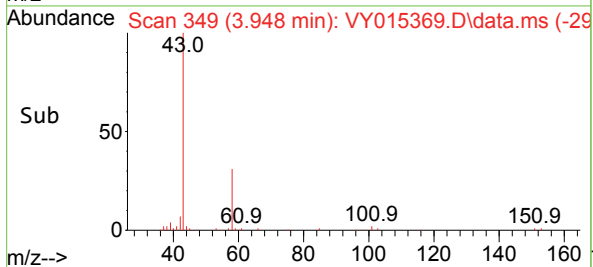
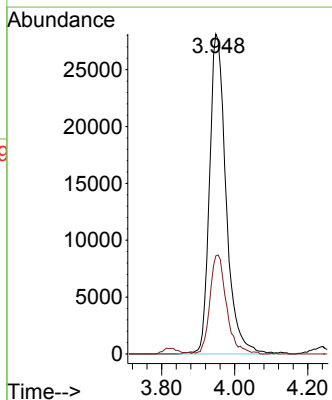
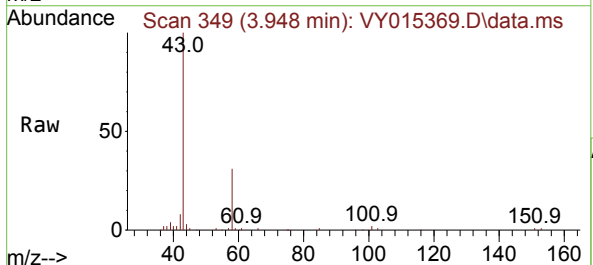
Instrument :
MSVOA_Y
ClientSampleId :

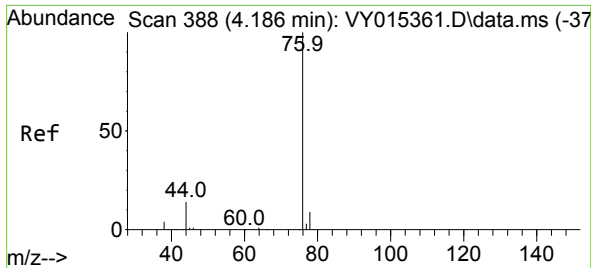
Tgt Ion: 53 Resp: 84805
Ion Ratio Lower Upper
53 100
52 81.2 66.9 100.3
51 36.9 29.8 44.6



#16
Acetone
Concen: 110.625 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

Tgt Ion: 43 Resp: 88369
Ion Ratio Lower Upper
43 100
58 30.7 22.7 34.1

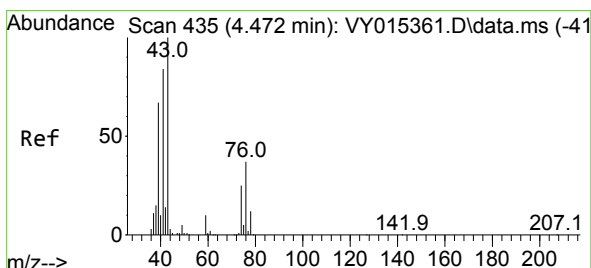
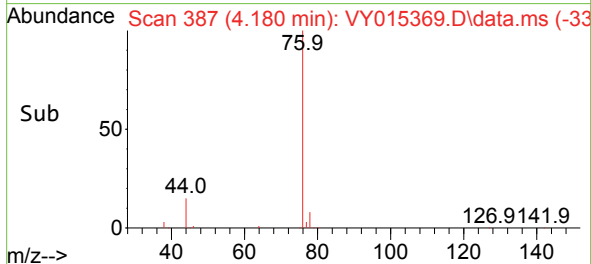
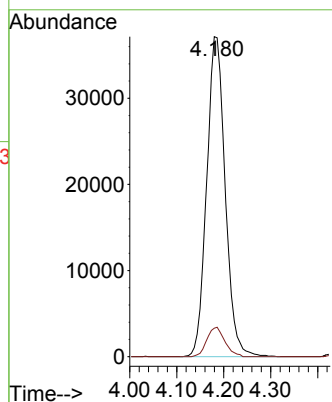
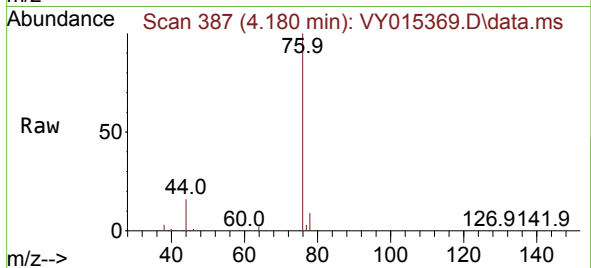




#17
Carbon Disulfide
Concen: 19.151 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

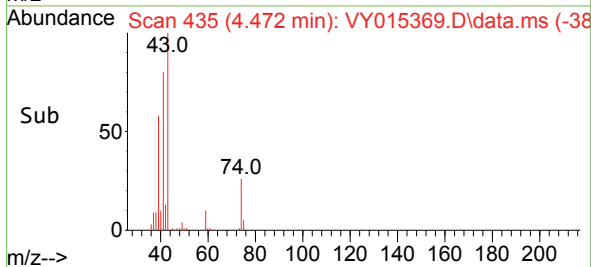
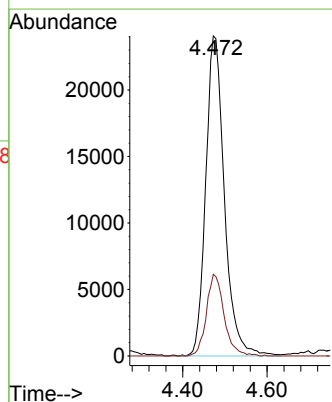
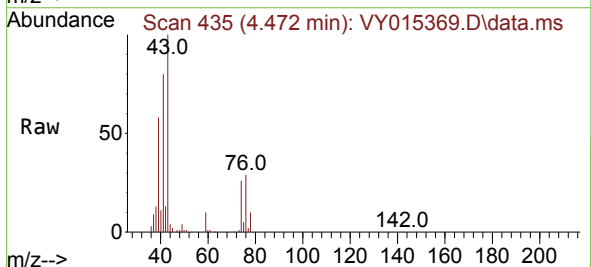
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 101609
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 25.649 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

Tgt Ion: 43 Resp: 74210
Ion Ratio Lower Upper
43 100
74 24.2 17.4 26.0

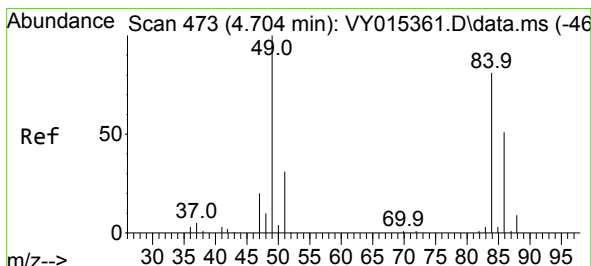
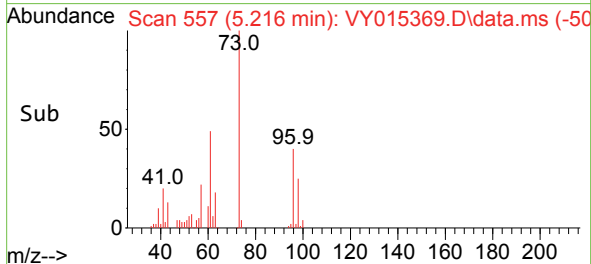
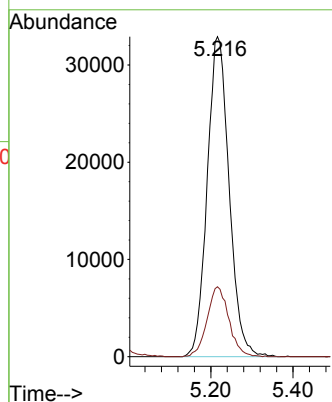
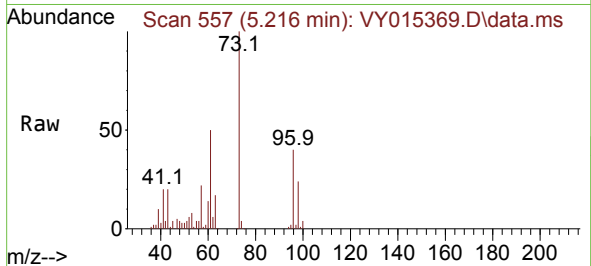




#19
Methyl tert-butyl Ether
Concen: 21.112 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

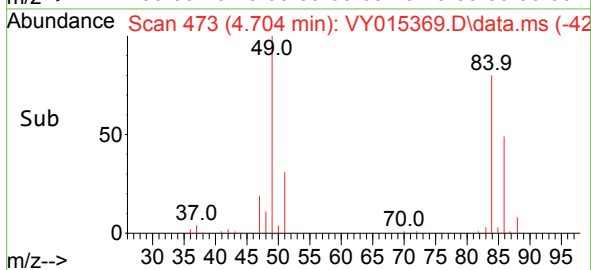
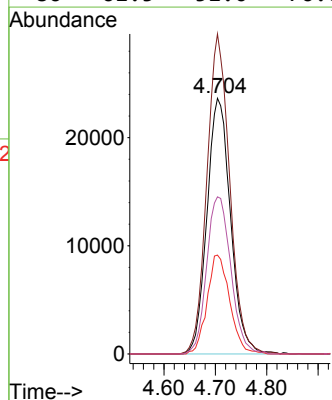
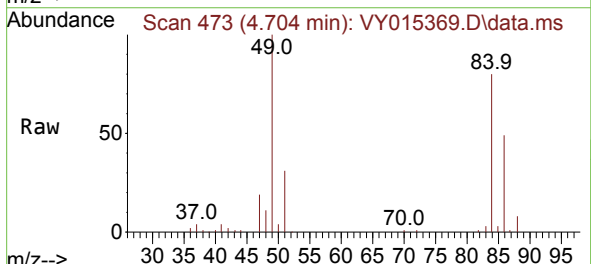
Instrument :
MSVOA_Y
ClientSampleId :

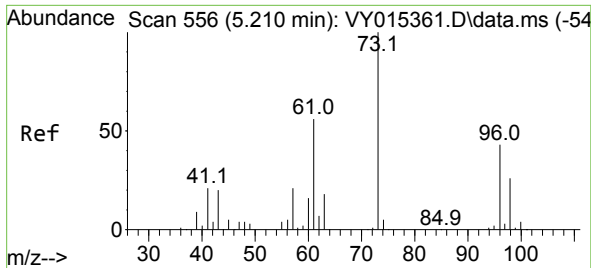
Tgt Ion: 73 Resp: 121774
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9



#20
Methylene Chloride
Concen: 25.966 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

Tgt Ion: 84 Resp: 75446
Ion Ratio Lower Upper
84 100
49 125.2 106.9 160.3
51 38.7 33.2 49.8
86 61.5 51.0 76.6

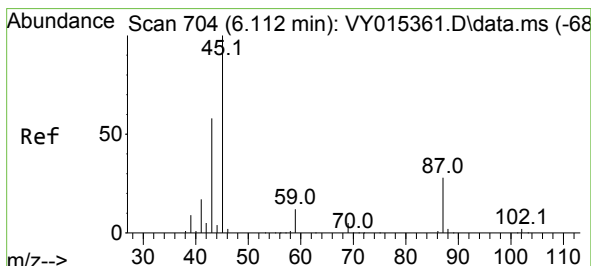
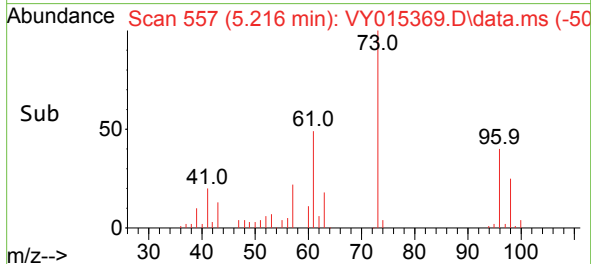
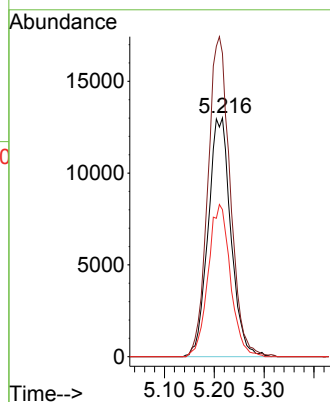
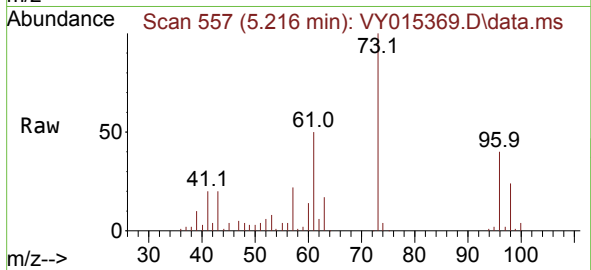




#21
trans-1,2-Dichloroethene
Concen: 20.190 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

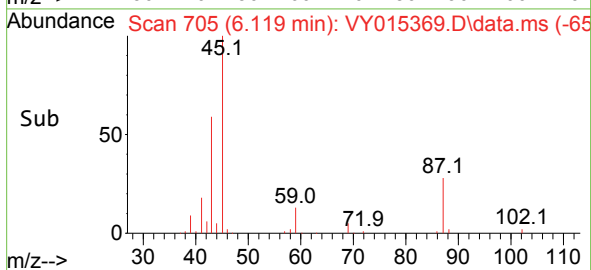
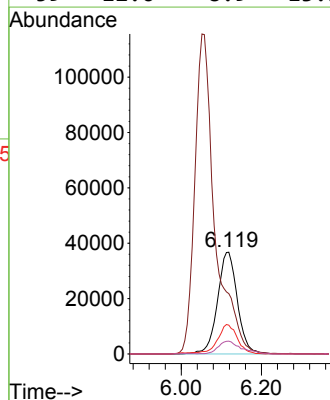
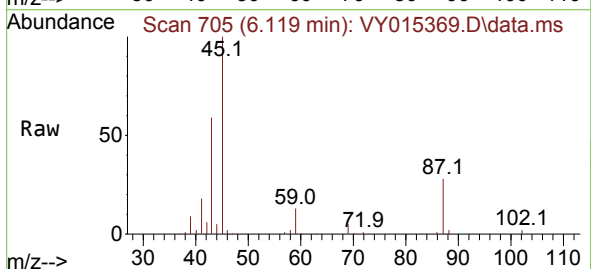
Instrument :
MSVOA_Y
ClientSampleId :

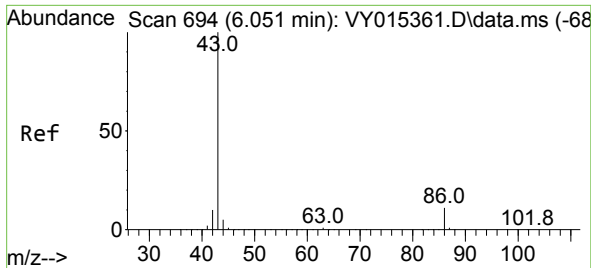
Tgt Ion: 96 Resp: 41261
Ion Ratio Lower Upper
96 100
61 127.1 110.2 165.4
98 61.6 51.8 77.6



#22
Diisopropyl ether
Concen: 20.399 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

Tgt Ion: 45 Resp: 126060
Ion Ratio Lower Upper
45 100
43 58.8 52.2 78.4
87 28.4 21.0 31.6
59 12.6 8.9 13.3

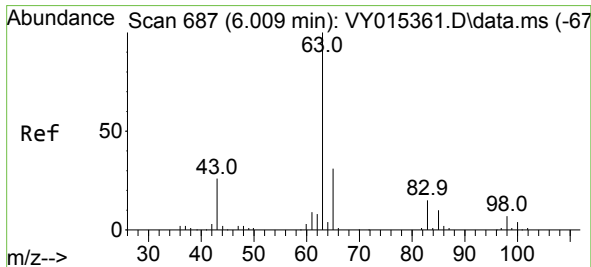
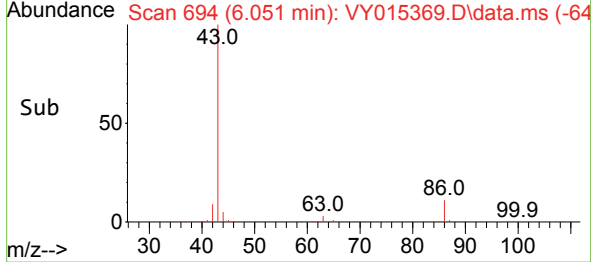
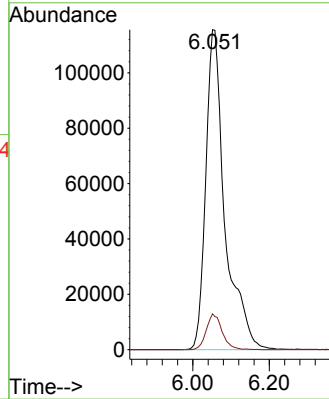
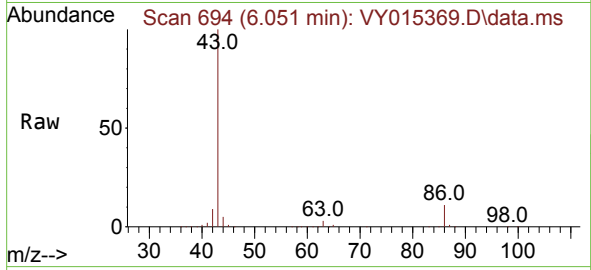




#23
 Vinyl Acetate
 Concen: 116.618 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY015369.D
 Acq: 30 Aug 2023 11:53

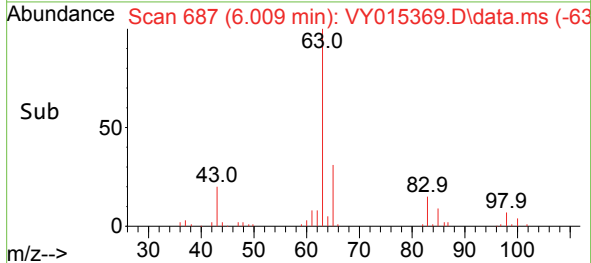
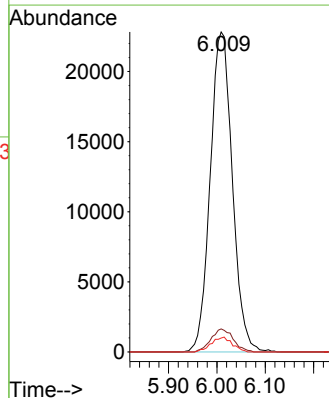
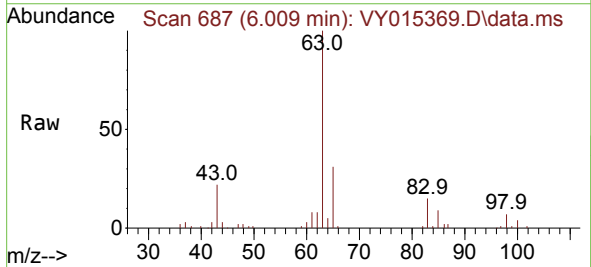
Instrument :
 MSVOA_Y
 ClientSampleId :

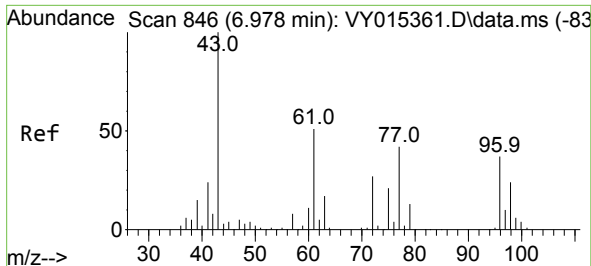
Tgt Ion: 43 Resp: 401838
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 20.307 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY015369.D
 Acq: 30 Aug 2023 11:53

Tgt Ion: 63 Resp: 72545
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.4
 100 4.3 1.8 5.5

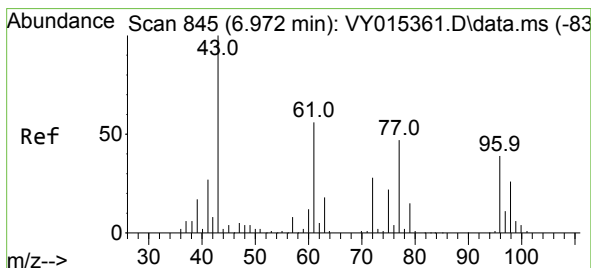
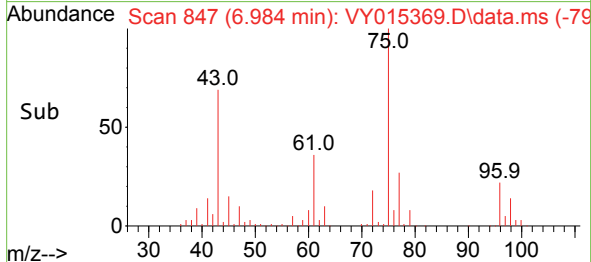
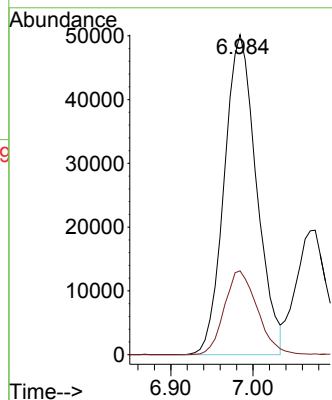
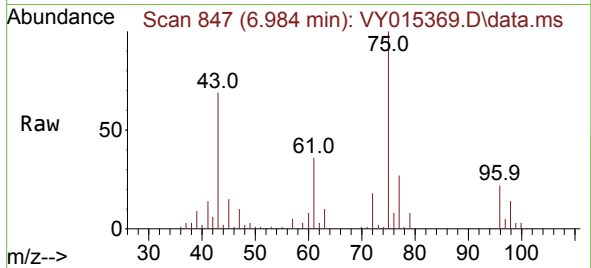




#25
2-Butanone
Concen: 120.872 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

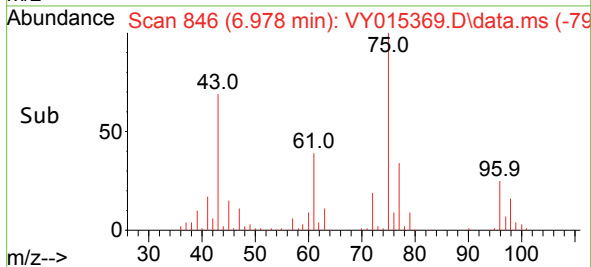
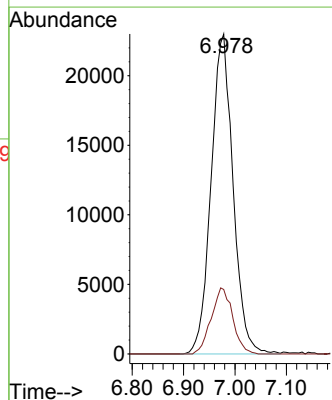
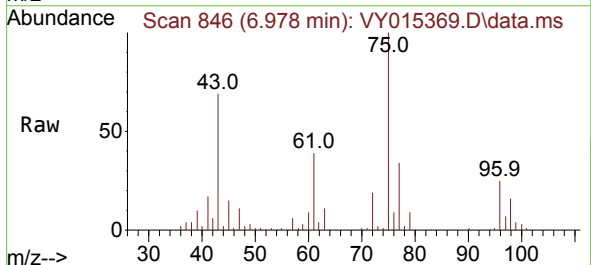
Instrument :
MSVOA_Y
ClientSampleId :

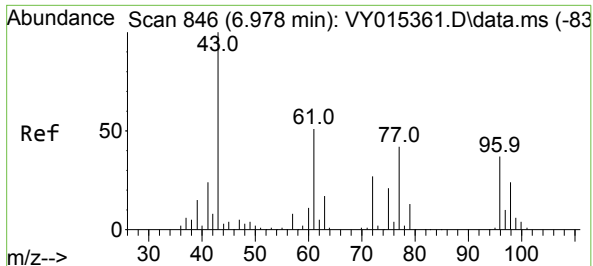
Tgt Ion: 43 Resp: 136945
Ion Ratio Lower Upper
43 100
72 26.2 20.5 30.7



#26
2,2-Dichloropropane
Concen: 22.468 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

Tgt Ion: 77 Resp: 68173
Ion Ratio Lower Upper
77 100
97 20.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.099 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY015369.D

Acq: 30 Aug 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :

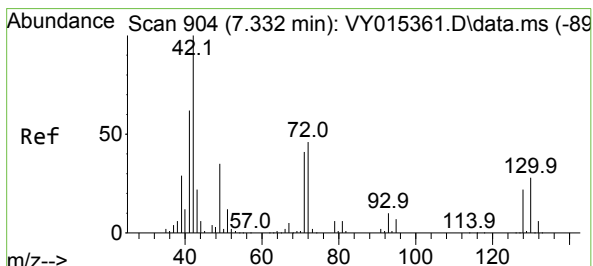
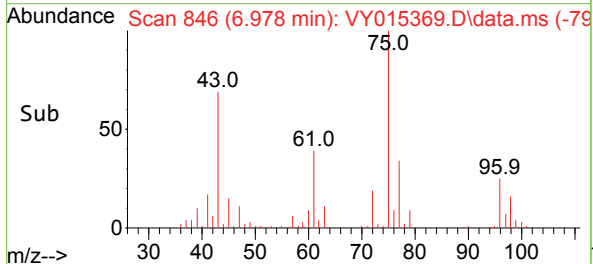
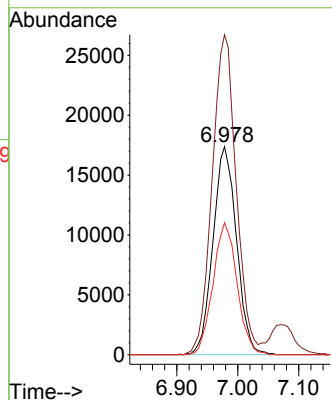
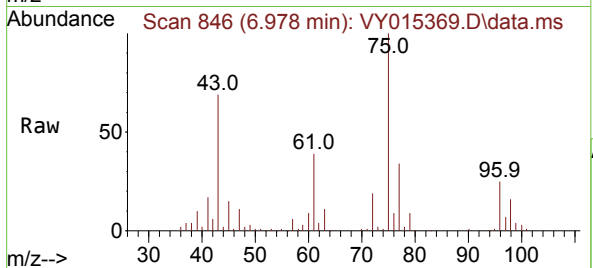
Tgt Ion: 96 Resp: 46596

Ion Ratio Lower Upper

96 100

61 156.7 0.0 301.4

98 64.6 0.0 130.4



#28

Bromochloromethane

Concen: 22.413 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.000 min

Lab File: VY015369.D

Acq: 30 Aug 2023 11:53

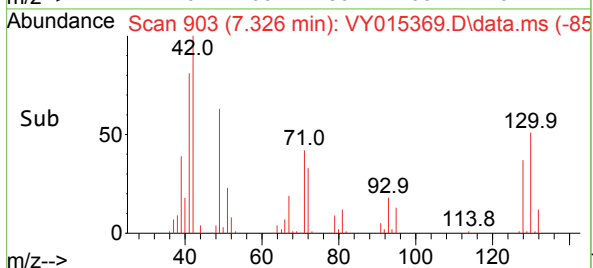
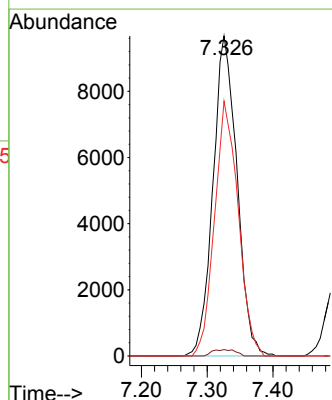
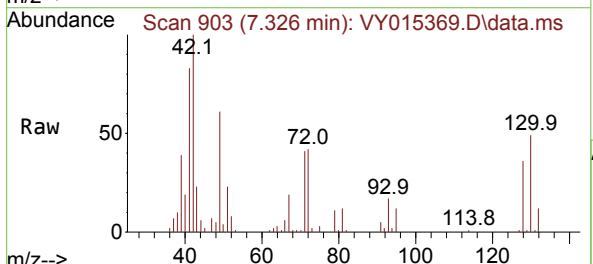
Tgt Ion: 49 Resp: 24554

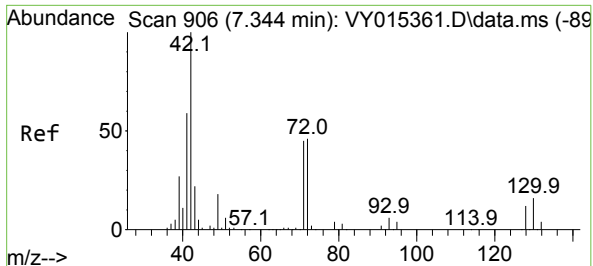
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

130 78.3 60.7 91.1





#29

Tetrahydrofuran

Concen: 119.962 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY015369.D

Acq: 30 Aug 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :

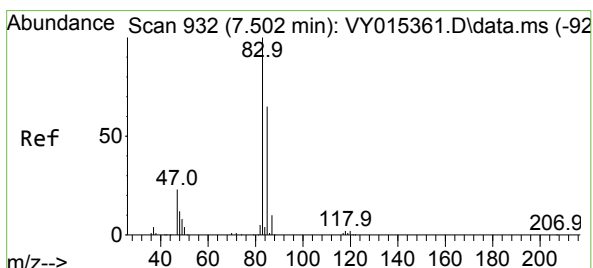
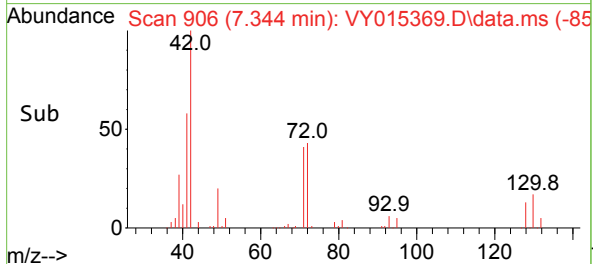
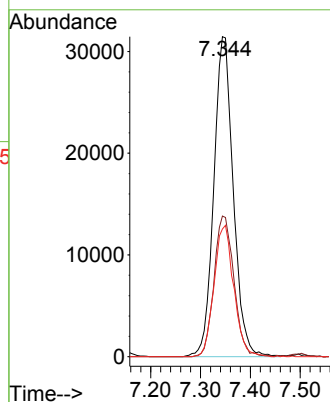
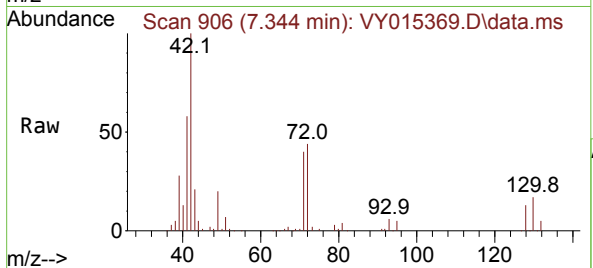
Tgt Ion: 42 Resp: 85351

Ion Ratio Lower Upper

42 100

72 44.9 32.8 49.2

71 41.5 31.0 46.4



#30

Chloroform

Concen: 20.476 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.006 min

Lab File: VY015369.D

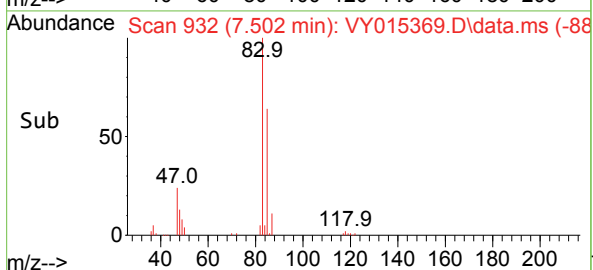
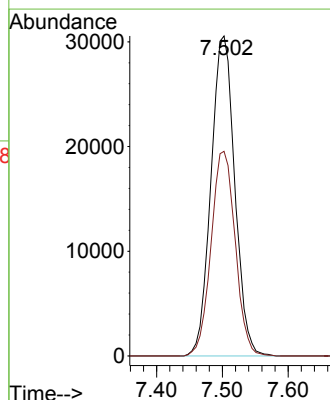
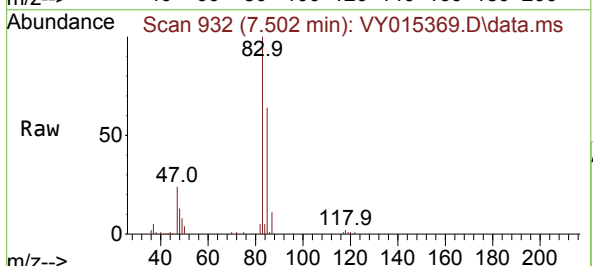
Acq: 30 Aug 2023 11:53

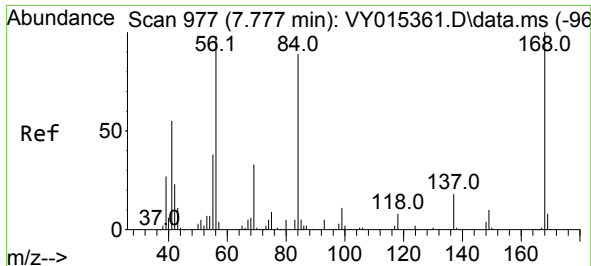
Tgt Ion: 83 Resp: 76894

Ion Ratio Lower Upper

83 100

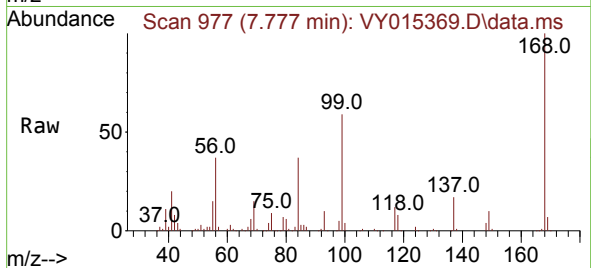
85 63.9 49.7 74.5



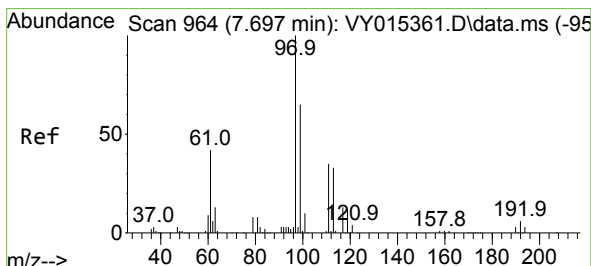
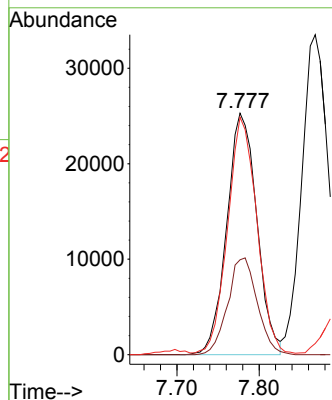
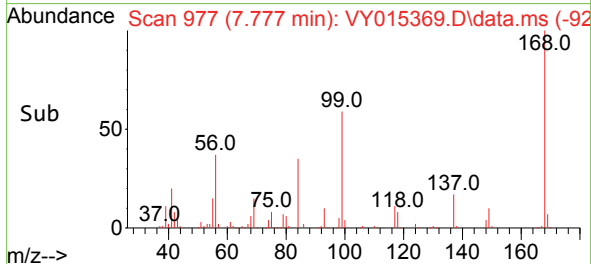


#31
Cyclohexane
Concen: 18.955 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

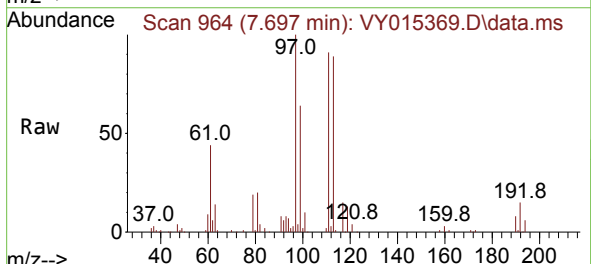
Instrument :
MSVOA_Y
ClientSampleId :



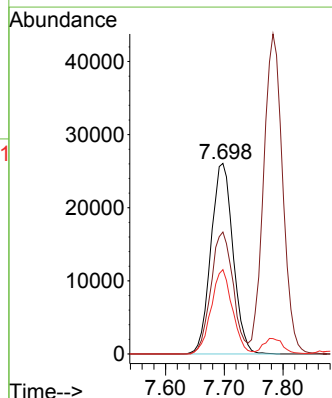
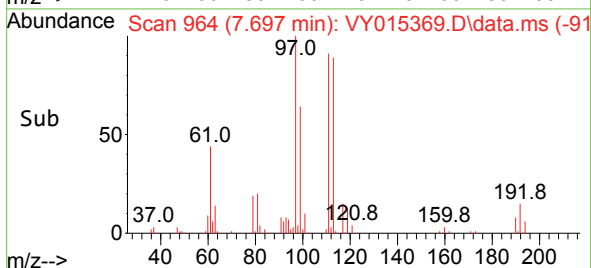
Tgt Ion: 56 Resp: 64440
Ion Ratio Lower Upper
56 100
69 39.3 27.8 41.6
84 97.0 66.4 99.6

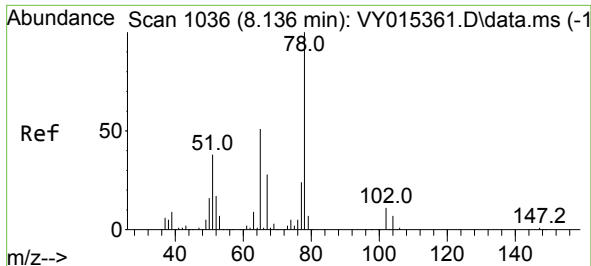


#32
1,1,1-Trichloroethane
Concen: 20.295 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.006 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53



Tgt Ion: 97 Resp: 68075
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 42.6 35.1 52.7

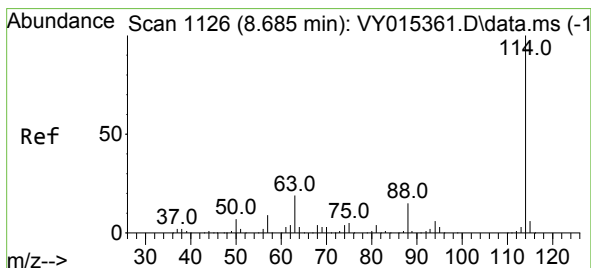
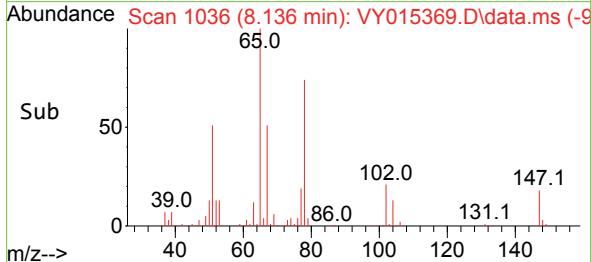
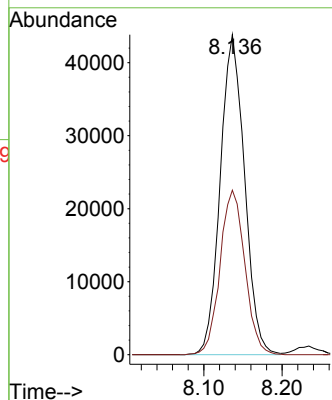
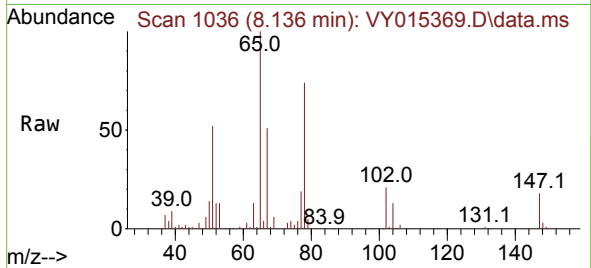




#33
 1,2-Dichloroethane-d4
 Concen: 49.399 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015369.D
 Acq: 30 Aug 2023 11:53

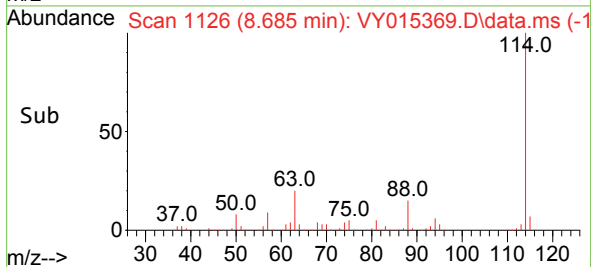
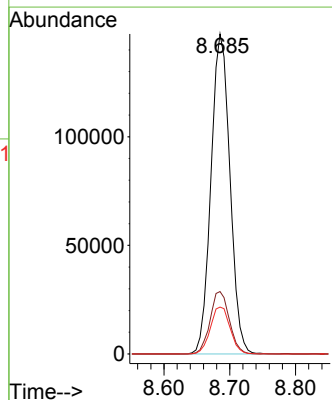
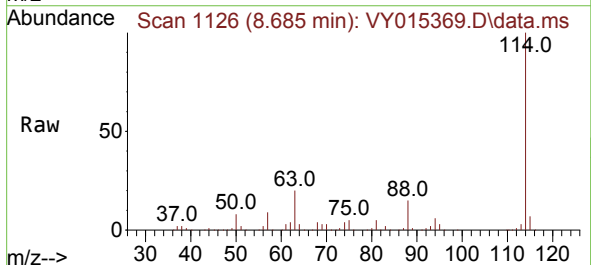
Instrument :
 MSVOA_Y
 ClientSampleId :

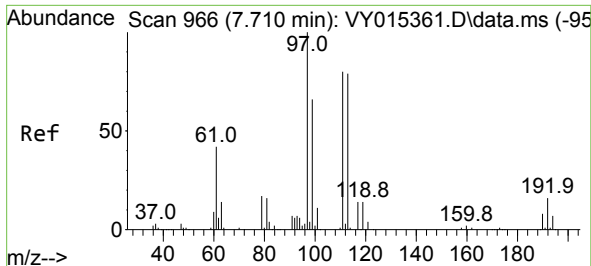
Tgt Ion: 65 Resp: 94541
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015369.D
 Acq: 30 Aug 2023 11:53

Tgt Ion: 114 Resp: 295500
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 42.4
 88 14.7 0.0 30.6

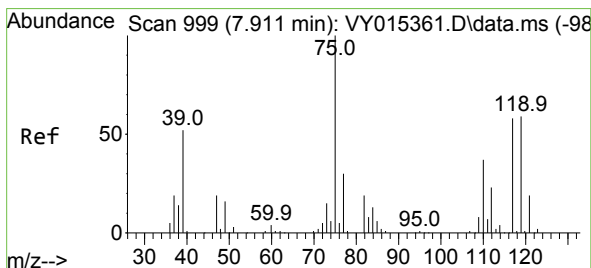
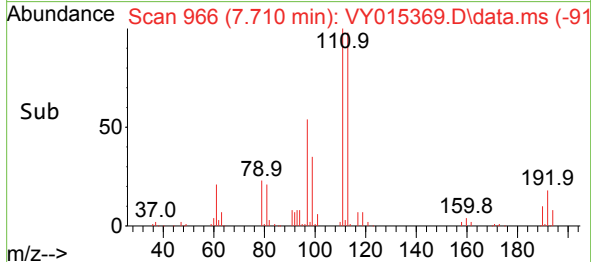
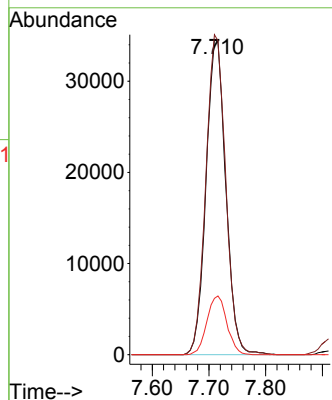
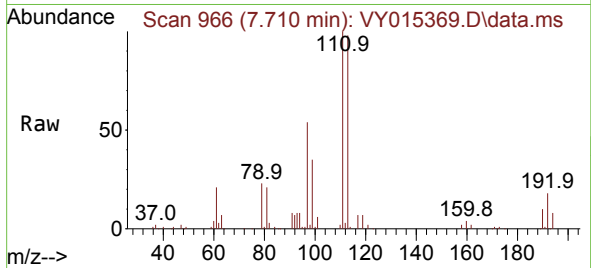




#35
Dibromofluoromethane
Concen: 48.871 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

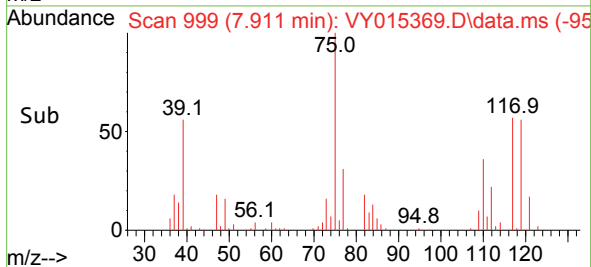
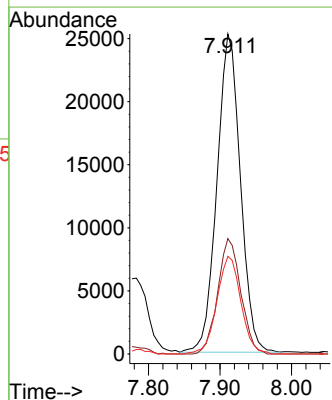
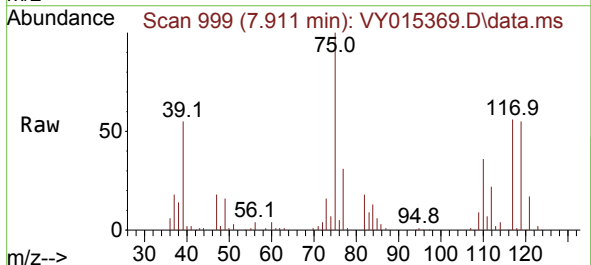
Instrument :
MSVOA_Y
ClientSampleId :

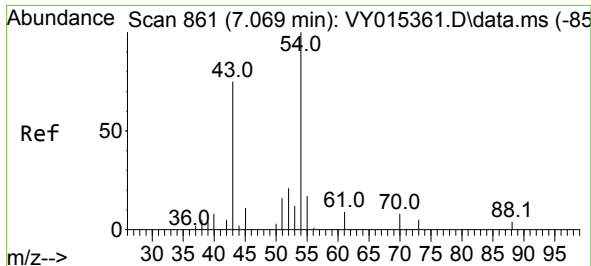
Tgt Ion:113 Resp: 83180
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 18.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.235 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

Tgt Ion: 75 Resp: 57486
Ion Ratio Lower Upper
75 100
110 35.6 17.8 53.5
77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 23.318 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.012 min

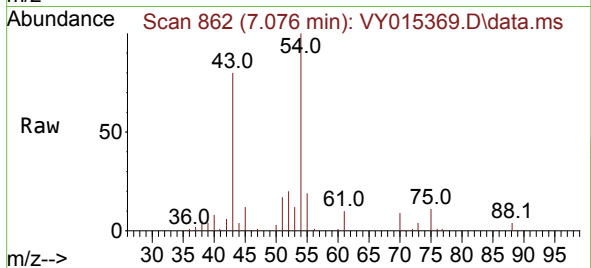
Lab File: VY015369.D

Acq: 30 Aug 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :



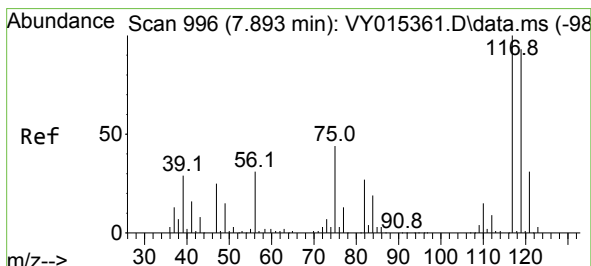
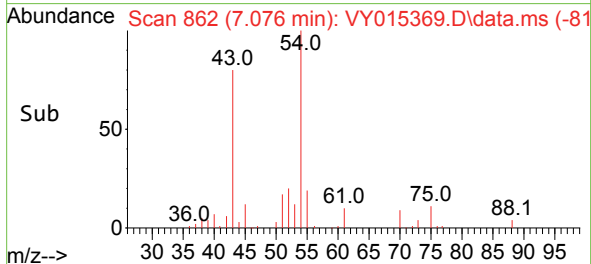
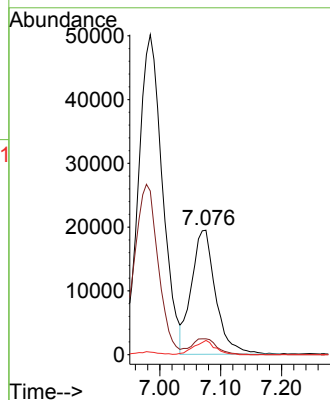
Tgt Ion: 43 Resp: 53747

Ion Ratio Lower Upper

43 100

61 12.5 10.1 15.1

70 10.1 7.1 10.7



#38

Carbon Tetrachloride

Concen: 19.279 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY015369.D

Acq: 30 Aug 2023 11:53

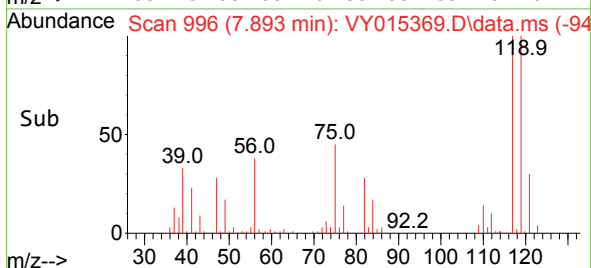
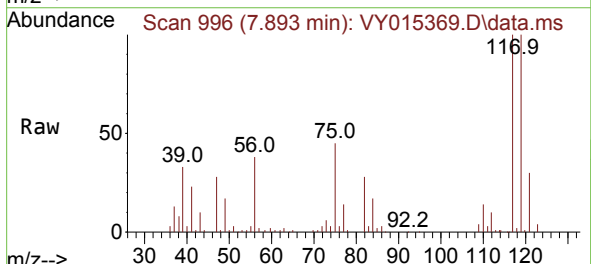
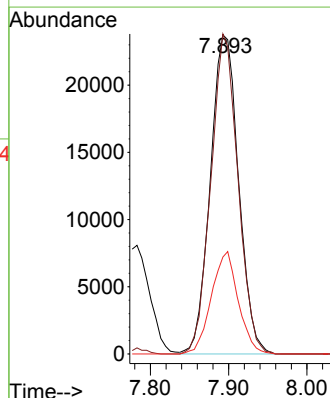
Tgt Ion: 117 Resp: 59507

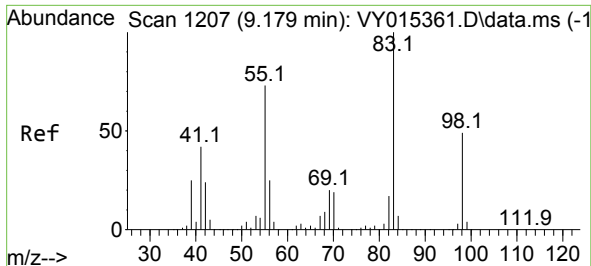
Ion Ratio Lower Upper

117 100

119 100.3 76.4 114.6

121 30.4 25.8 38.6





#39

Methylcyclohexane

Concen: 18.572 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015369.D

Acq: 30 Aug 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :

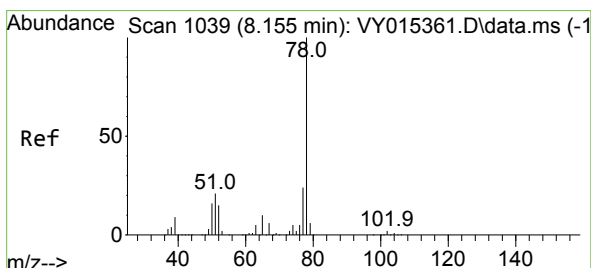
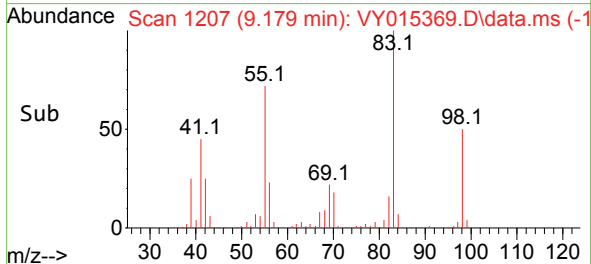
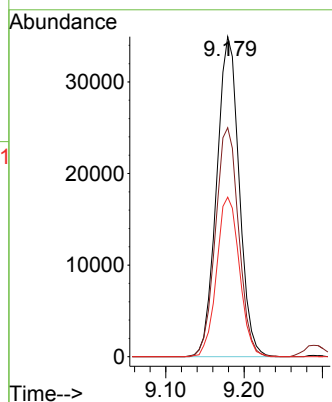
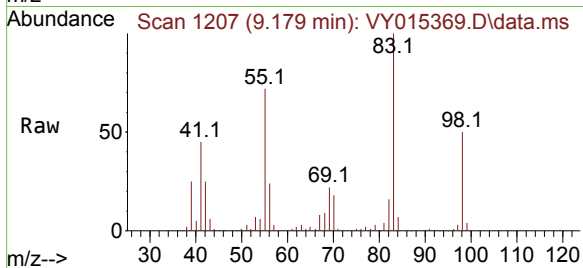
Tgt Ion: 83 Resp: 69877

Ion Ratio Lower Upper

83 100

55 71.5 63.0 94.4

98 49.8 37.4 56.2



#40

Benzene

Concen: 19.874 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY015369.D

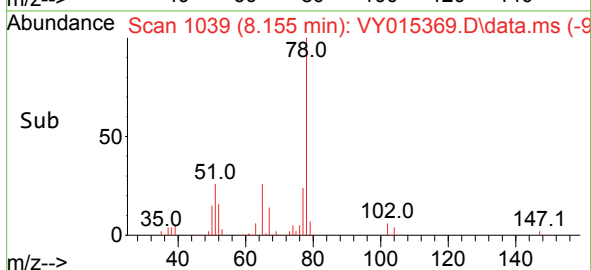
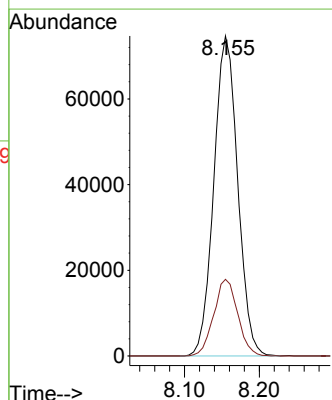
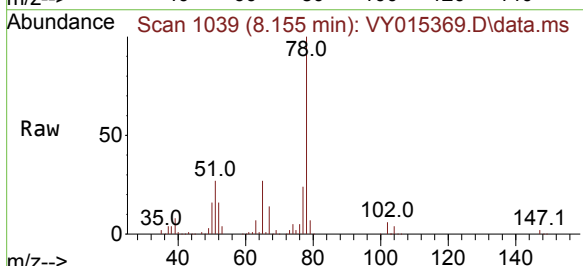
Acq: 30 Aug 2023 11:53

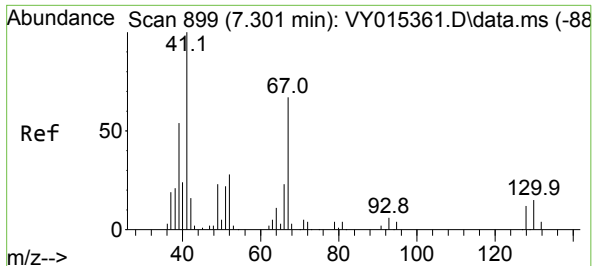
Tgt Ion: 78 Resp: 165708

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6

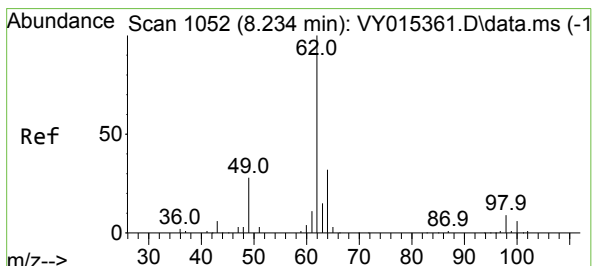
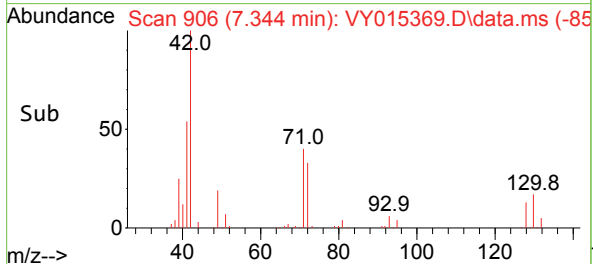
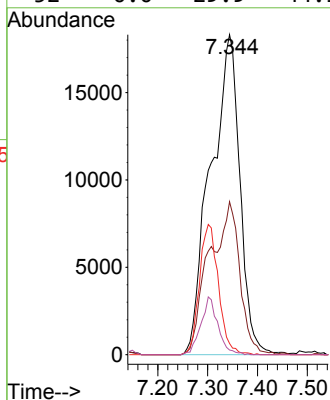
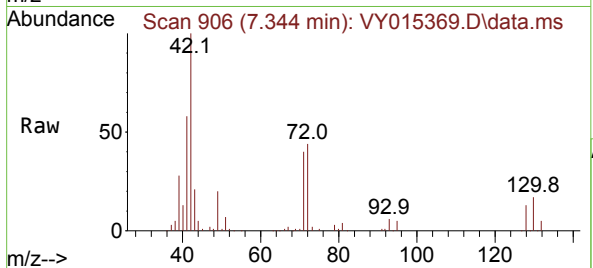




#41
Methacrylonitrile
Concen: 62.903 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.031 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

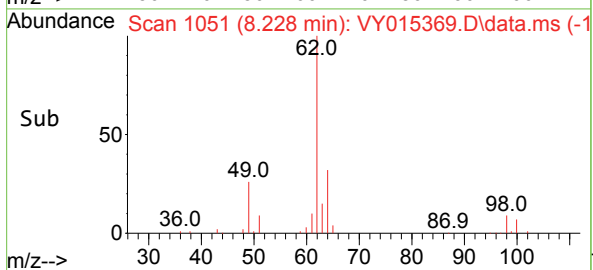
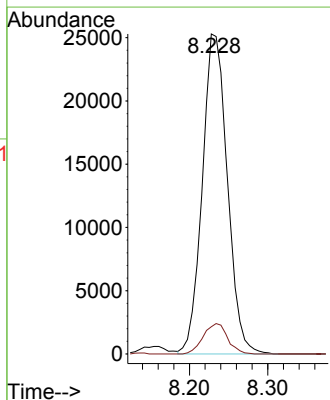
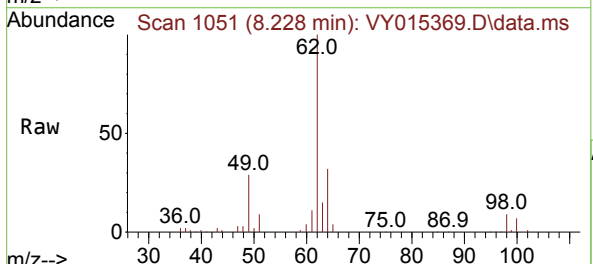
Instrument :
MSVOA_Y
ClientSampleId :

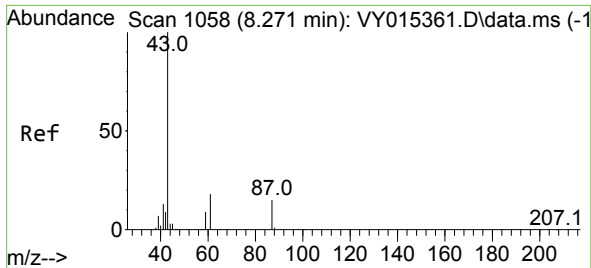
Tgt Ion: 41 Resp: 74361
Ion Ratio Lower Upper
41 100
39 26.6 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 20.239 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

Tgt Ion: 62 Resp: 56271
Ion Ratio Lower Upper
62 100
98 9.2 0.0 15.8

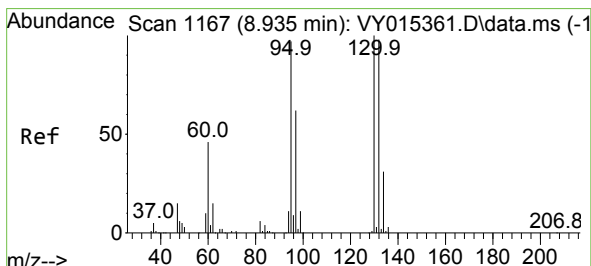
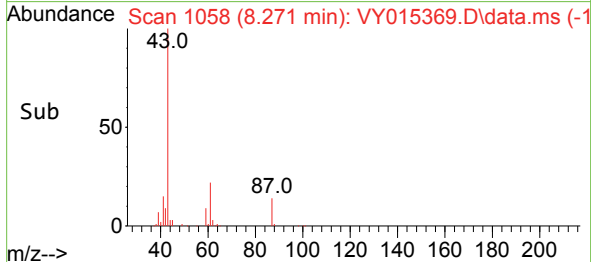
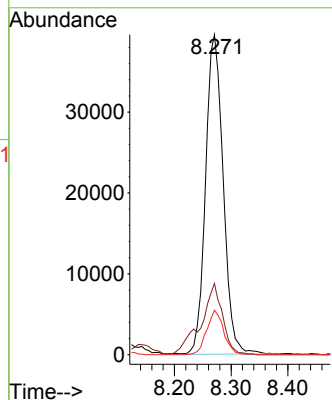
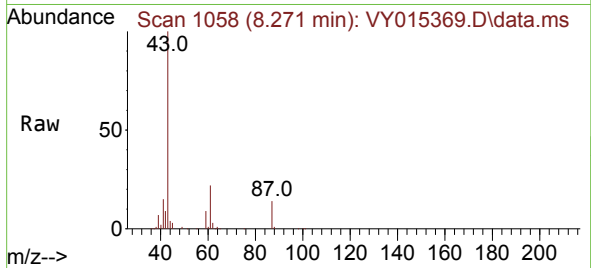




#43
Isopropyl Acetate
Concen: 21.394 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

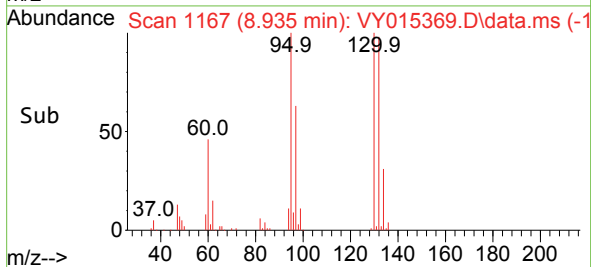
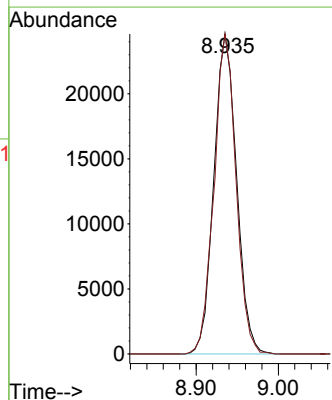
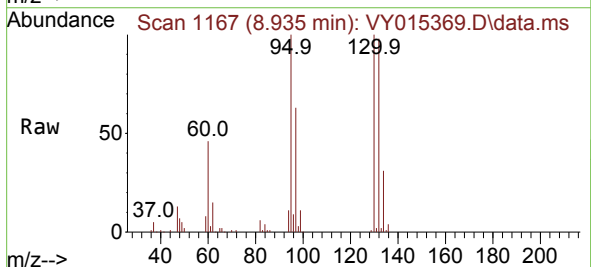
Instrument :
MSVOA_Y
ClientSampleId :

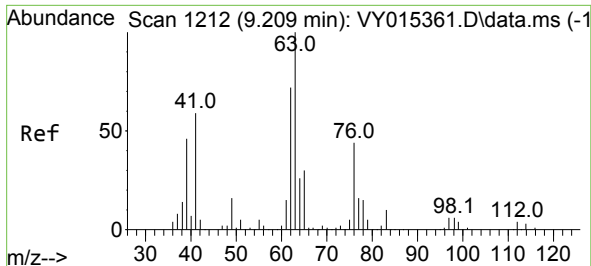
Tgt Ion: 43 Resp: 85270
Ion Ratio Lower Upper
43 100
61 27.6 21.1 31.7
87 13.5 9.8 14.8



#44
Trichloroethene
Concen: 20.014 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

Tgt Ion:130 Resp: 47215
Ion Ratio Lower Upper
130 100
95 100.0 0.0 196.0

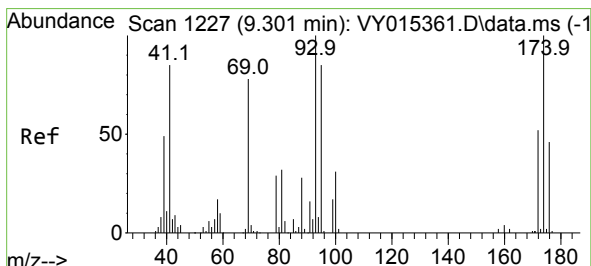
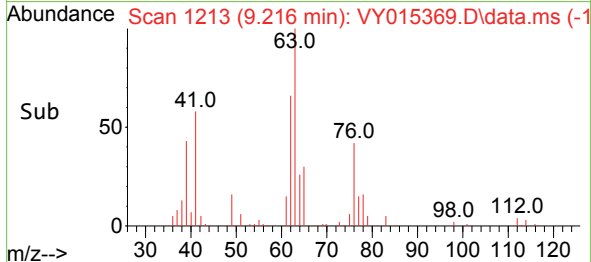
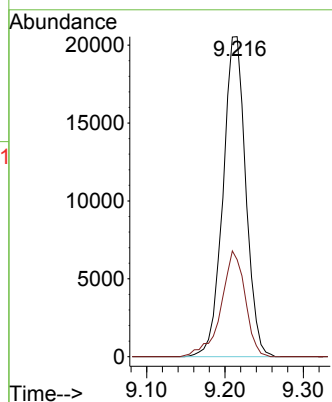
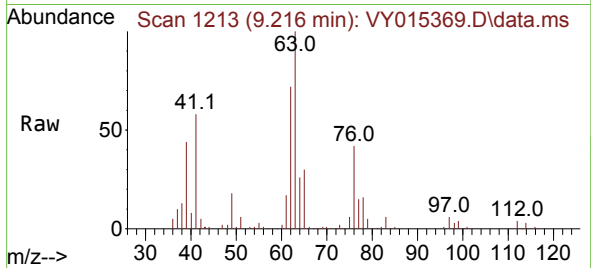




#45
1,2-Dichloropropane
Concen: 19.731 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

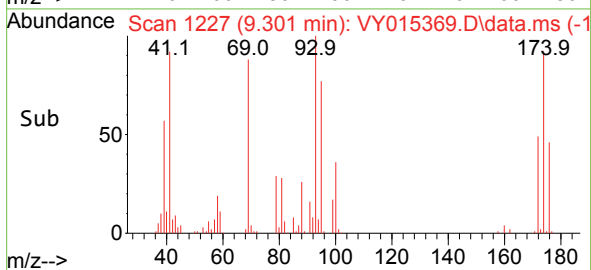
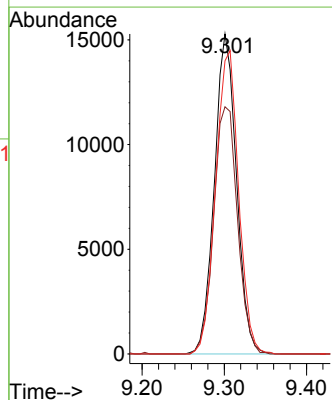
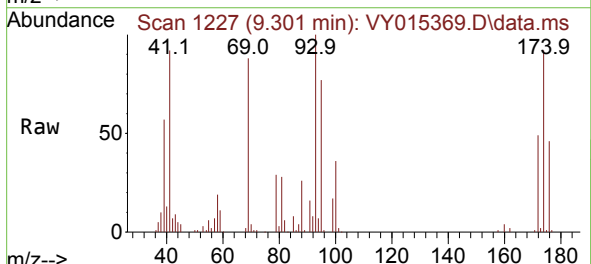
Instrument :
MSVOA_Y
ClientSampleId :

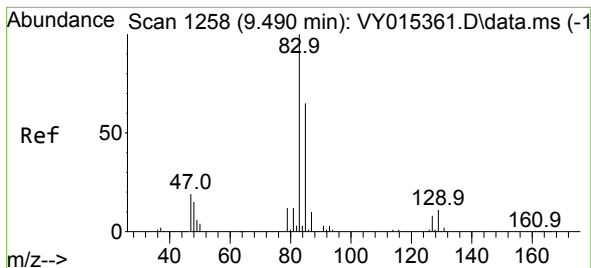
Tgt Ion: 63 Resp: 41473
Ion Ratio Lower Upper
63 100
65 30.3 23.8 35.6



#46
Dibromomethane
Concen: 20.465 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

Tgt Ion: 93 Resp: 28574
Ion Ratio Lower Upper
93 100
95 83.2 66.6 100.0
174 98.8 84.8 127.2





#47

Bromodichloromethane

Concen: 20.190 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VY015369.D

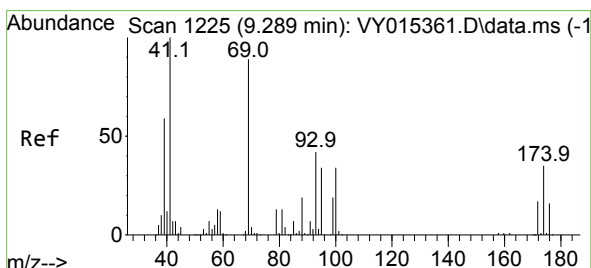
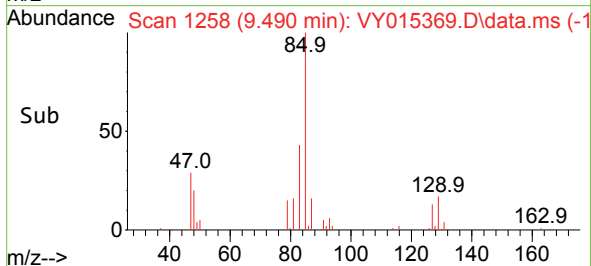
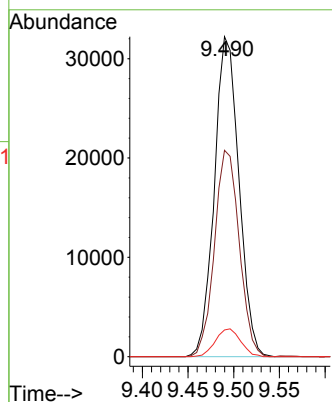
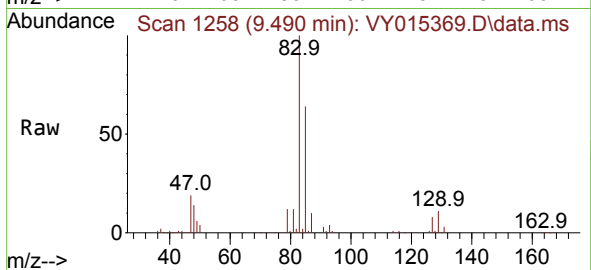
Acq: 30 Aug 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	60285
Ion Ratio	Lower	Upper	
83	100		
85	64.5	50.1	75.1
127	8.3	7.1	10.7



#48

Methyl methacrylate

Concen: 20.959 ug/l

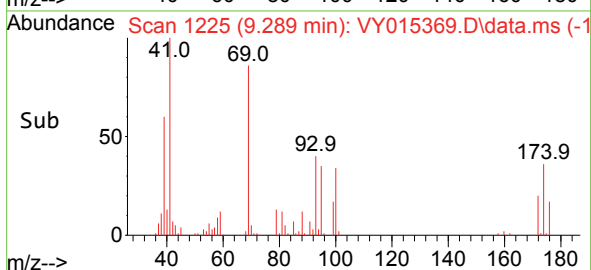
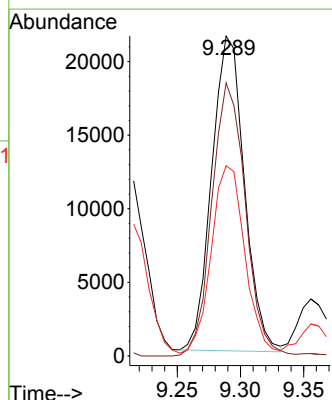
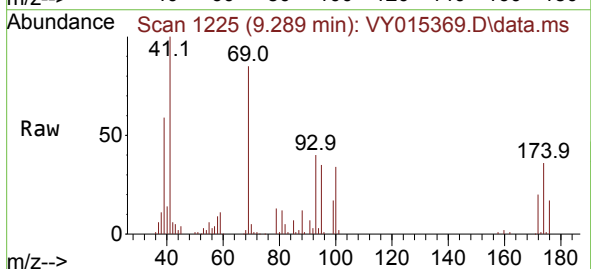
RT: 9.289 min Scan# 1225

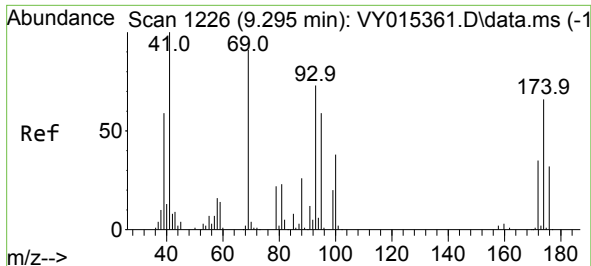
Delta R.T. 0.000 min

Lab File: VY015369.D

Acq: 30 Aug 2023 11:53

Tgt Ion:	41	Resp:	38327
Ion Ratio	Lower	Upper	
41	100		
69	89.1	64.5	96.7
39	61.4	50.8	76.2





#49

1,4-Dioxane

Concen: 458.391 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.018 min

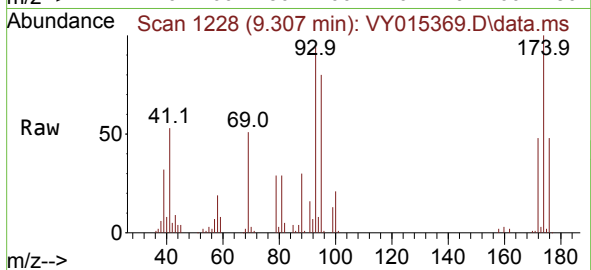
Lab File: VY015369.D

Acq: 30 Aug 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :



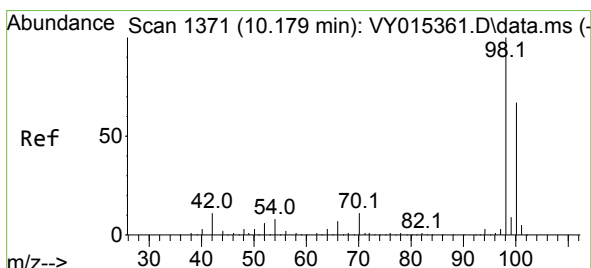
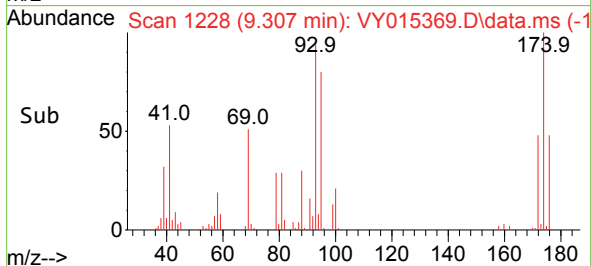
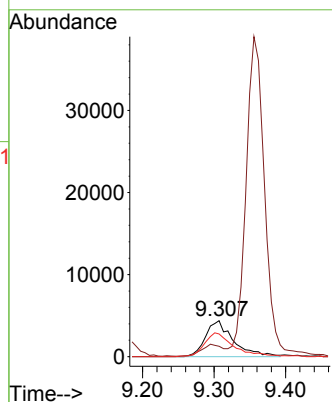
Tgt Ion: 88 Resp: 11888

Ion Ratio Lower Upper

88 100

43 26.6 0.0 0.0#

58 70.3 30.9 46.3#



#50

Toluene-d8

Concen: 46.897 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015369.D

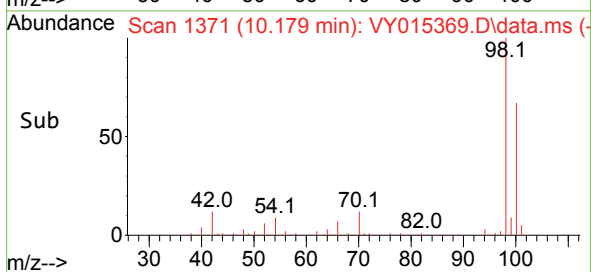
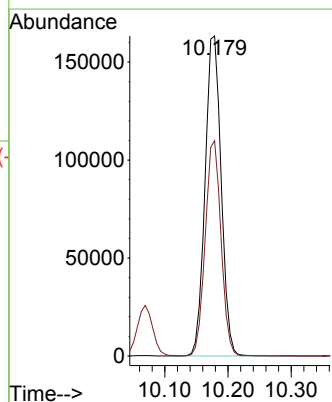
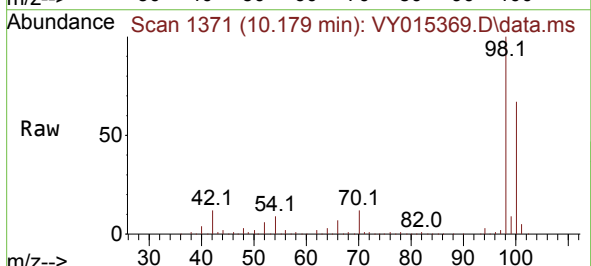
Acq: 30 Aug 2023 11:53

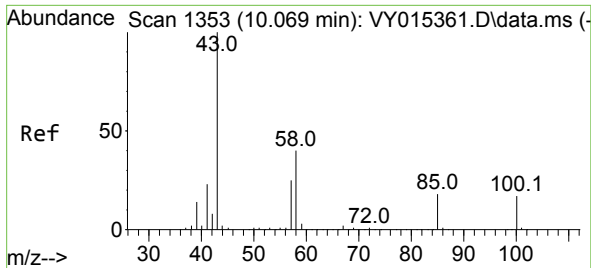
Tgt Ion: 98 Resp: 289056

Ion Ratio Lower Upper

98 100

100 66.1 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 115.707 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY015369.D

Acq: 30 Aug 2023 11:53

Instrument :

MSVOA_Y

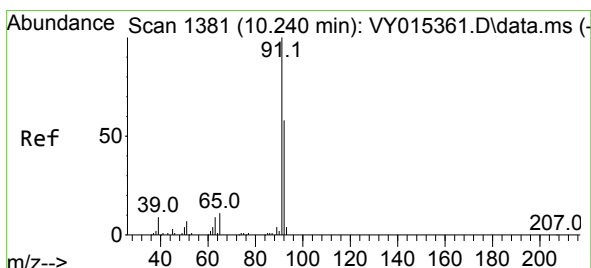
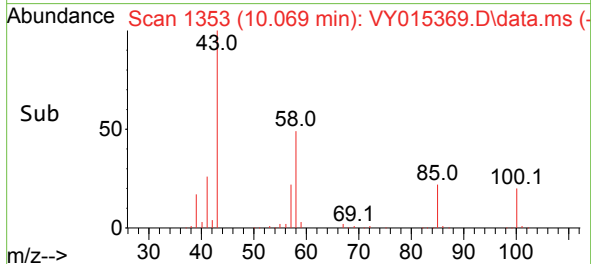
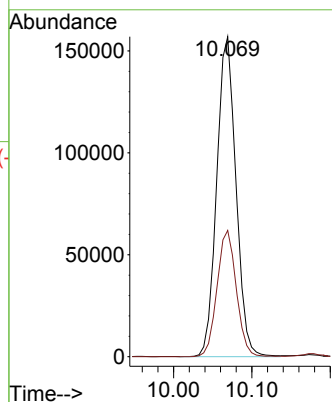
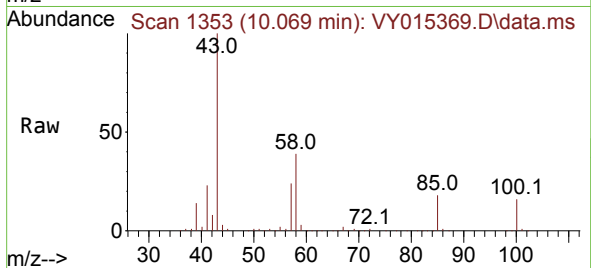
ClientSampleId :

Tgt Ion: 43 Resp: 268046

Ion Ratio Lower Upper

43 100

58 39.5 29.0 43.6



#52

Toluene

Concen: 19.979 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VY015369.D

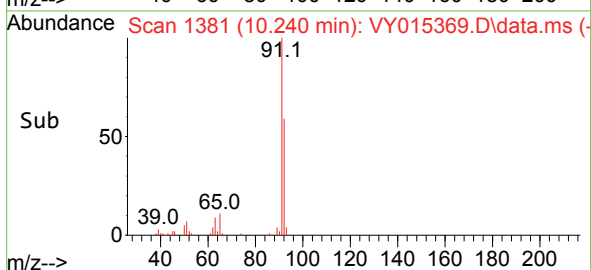
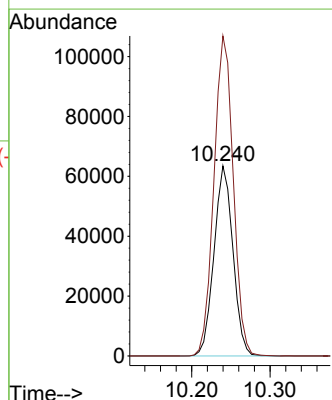
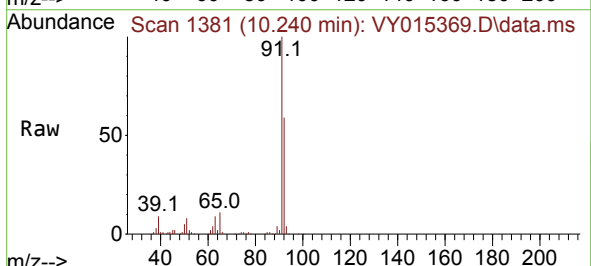
Acq: 30 Aug 2023 11:53

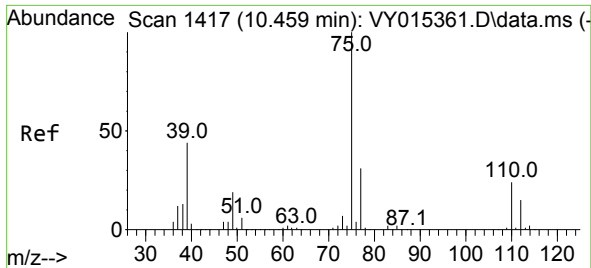
Tgt Ion: 92 Resp: 106771

Ion Ratio Lower Upper

92 100

91 171.8 143.8 215.6

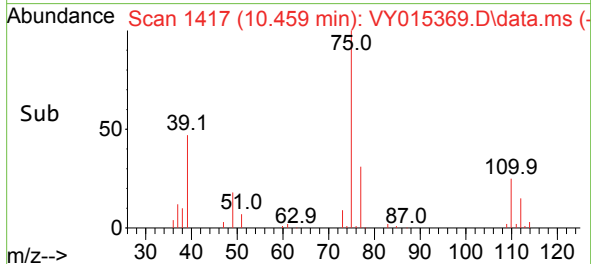
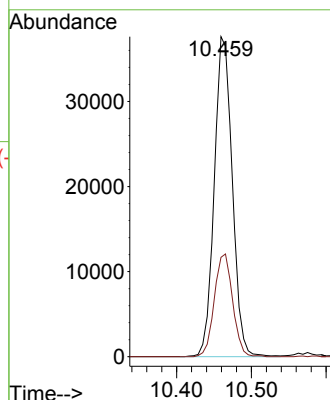
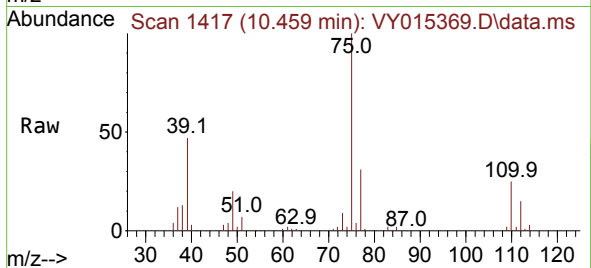




#53
 t-1,3-Dichloropropene
 Concen: 19.928 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY015369.D
 Acq: 30 Aug 2023 11:53

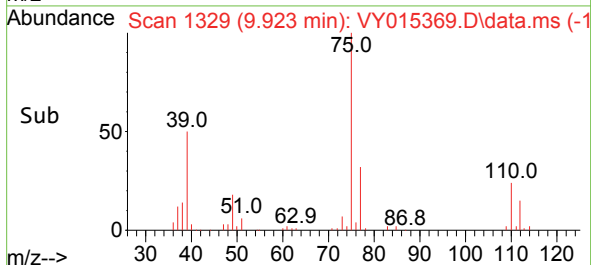
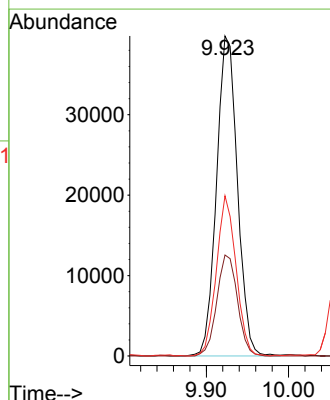
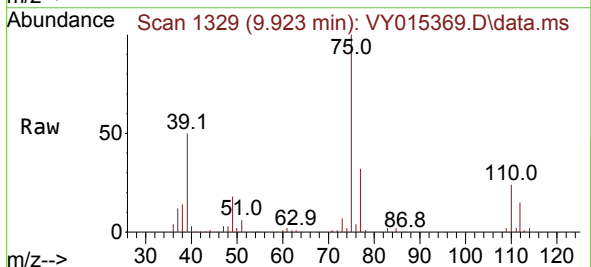
Instrument :
 MSVOA_Y
 ClientSampleId :

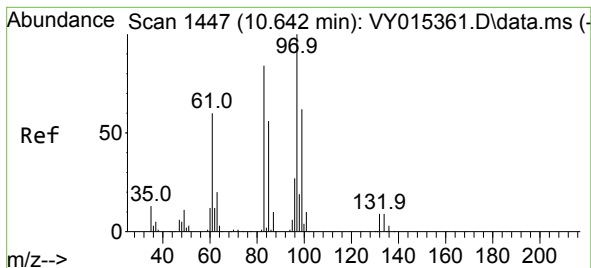
Tgt Ion: 75 Resp: 63235
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.346 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY015369.D
 Acq: 30 Aug 2023 11:53

Tgt Ion: 75 Resp: 70233
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.2 36.4
 39 49.9 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 20.657 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY015369.D

Acq: 30 Aug 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 38861

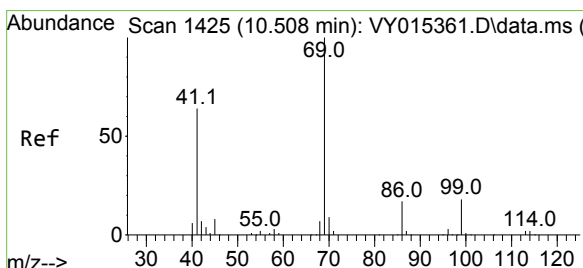
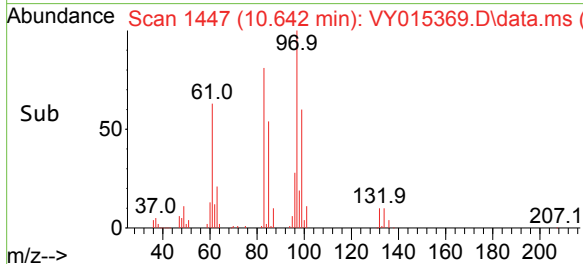
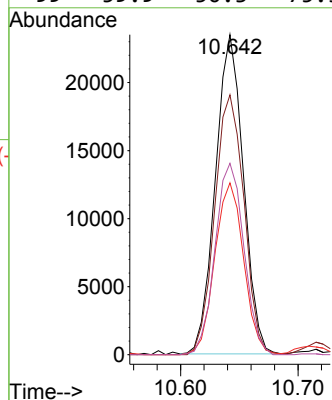
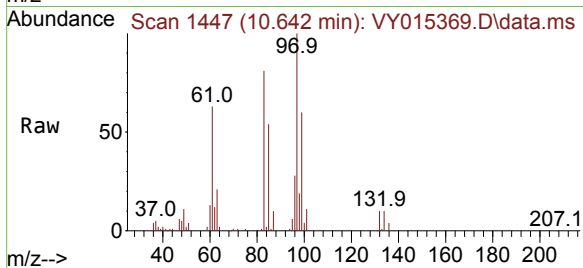
Ion Ratio Lower Upper

97 100

83 81.4 72.0 108.0

85 53.8 45.4 68.0

99 59.9 50.3 75.5



#56

Ethyl methacrylate

Concen: 21.429 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY015369.D

Acq: 30 Aug 2023 11:53

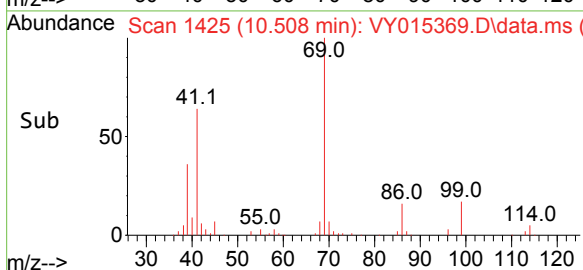
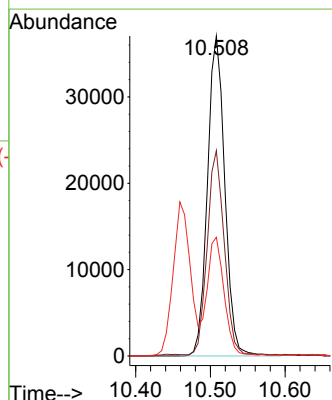
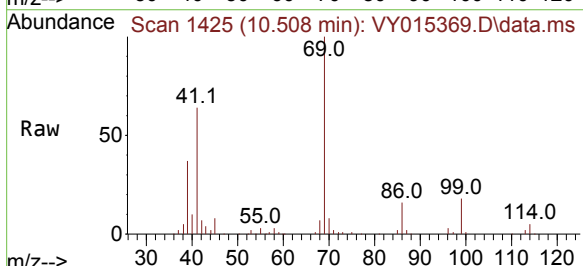
Tgt Ion: 69 Resp: 59741

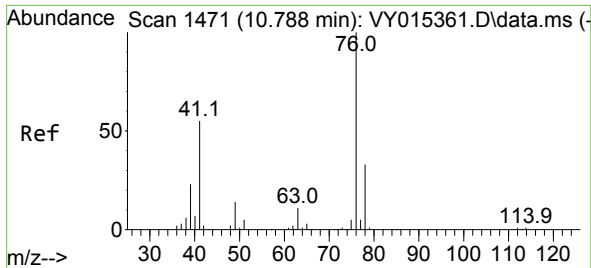
Ion Ratio Lower Upper

69 100

41 62.4 57.6 86.4

39 36.6 34.1 51.1

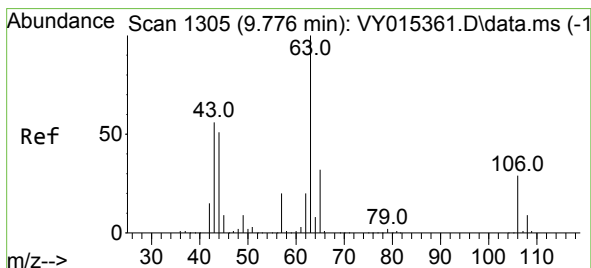
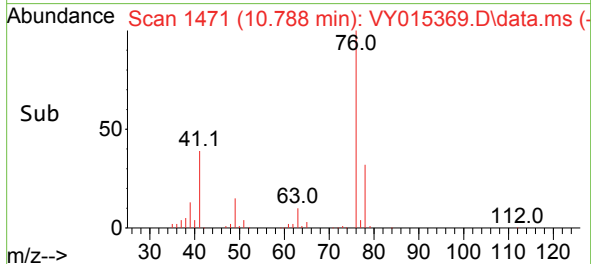
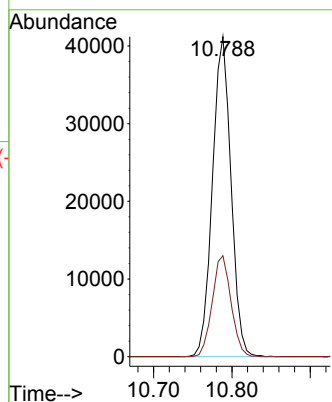
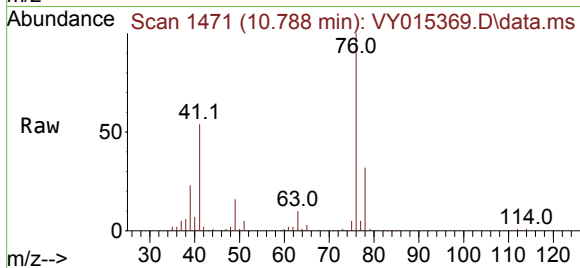




#57
1,3-Dichloropropane
Concen: 20.883 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

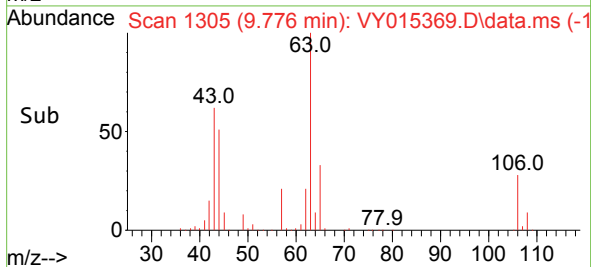
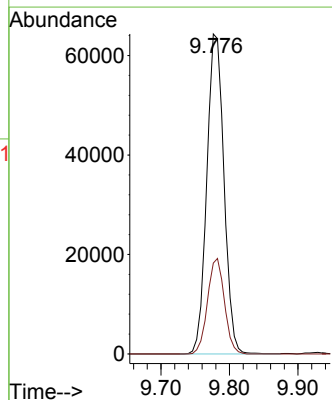
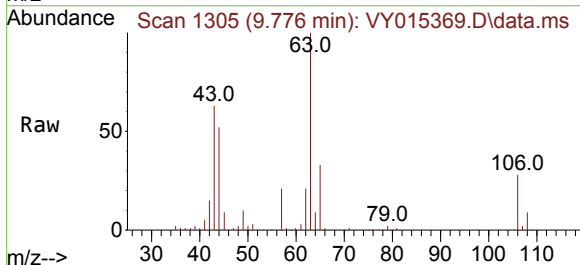
Instrument :
MSVOA_Y
ClientSampleId :

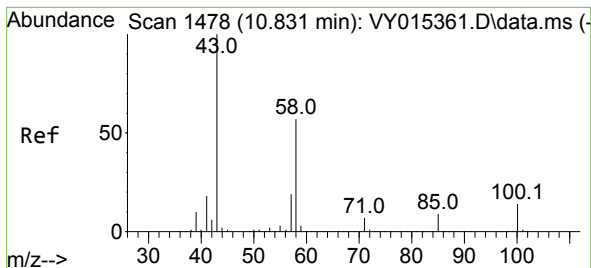
Tgt Ion: 76 Resp: 67629
Ion Ratio Lower Upper
76 100
78 32.0 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 112.644 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

Tgt Ion: 63 Resp: 112091
Ion Ratio Lower Upper
63 100
106 29.3 21.2 31.8

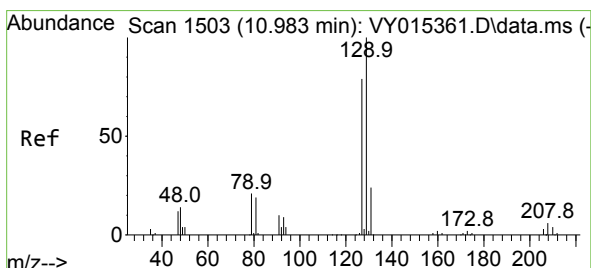
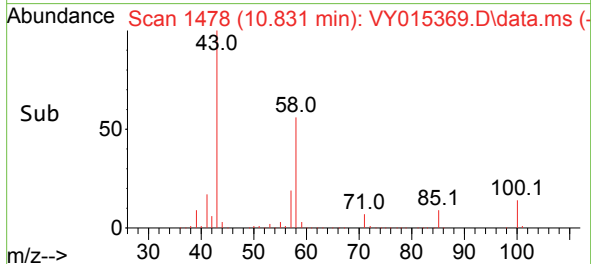
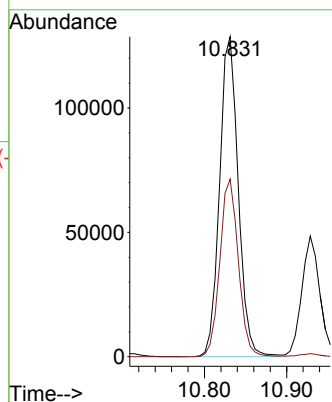
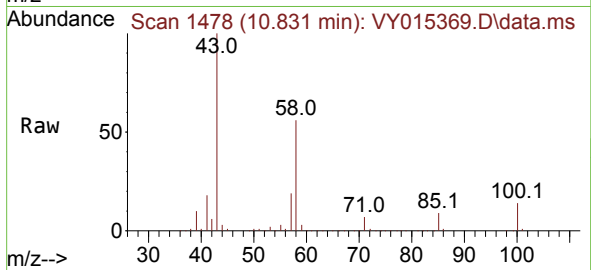




#59
2-Hexanone
Concen: 116.712 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

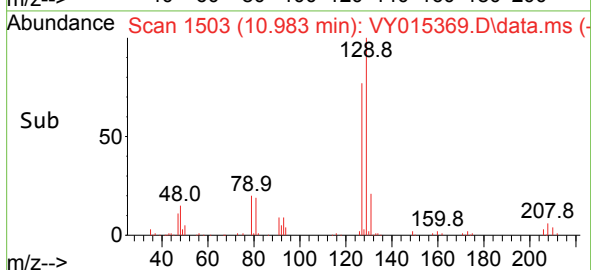
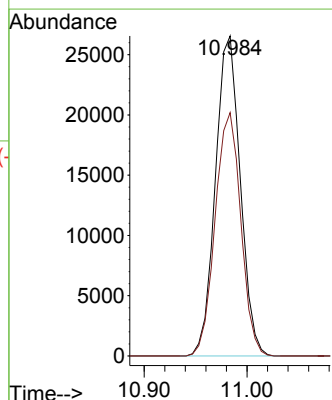
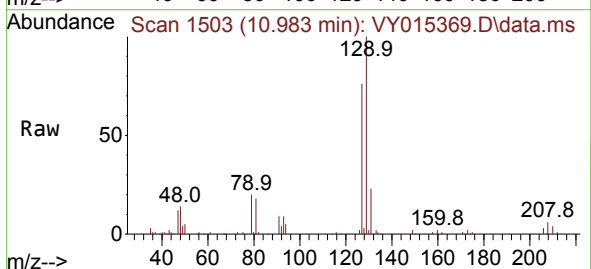
Instrument :
MSVOA_Y
ClientSampleId :

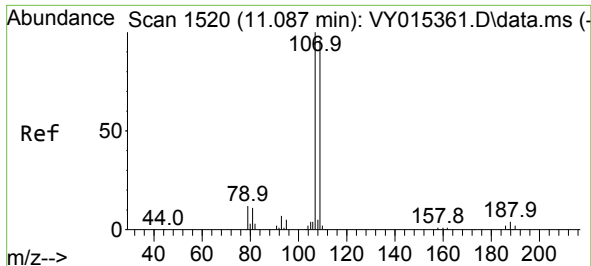
Tgt Ion: 43 Resp: 202875
Ion Ratio Lower Upper
43 100
58 55.2 25.1 75.3



#60
Dibromochloromethane
Concen: 20.236 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

Tgt Ion: 129 Resp: 44559
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5

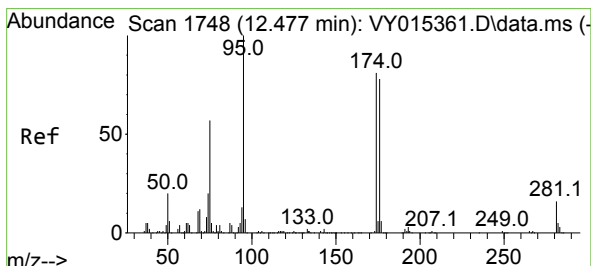
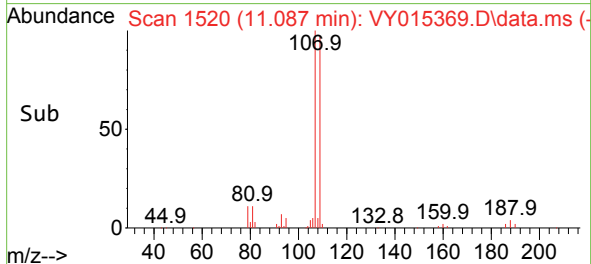
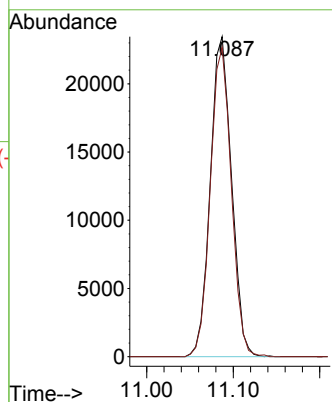
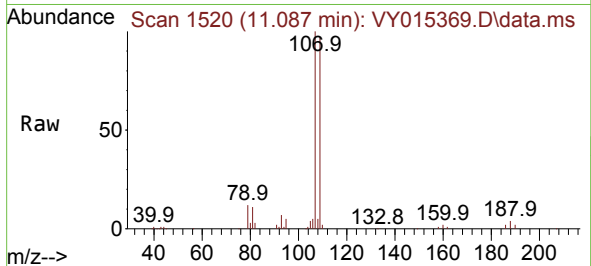




#61
1,2-Dibromoethane
Concen: 20.996 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

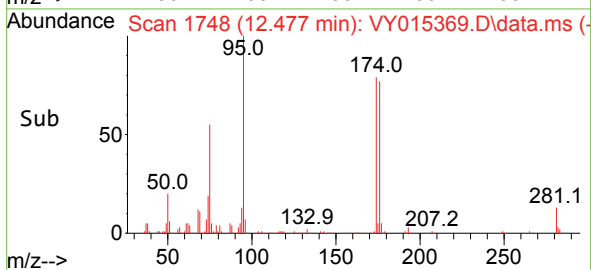
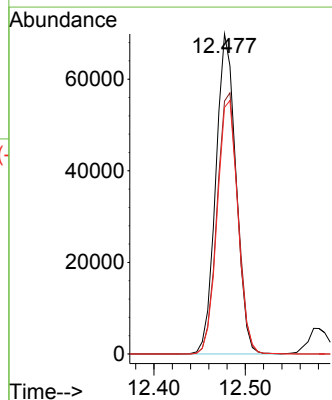
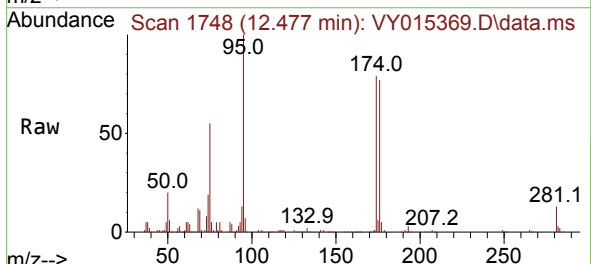
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 40024
Ion Ratio Lower Upper
107 100
109 95.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.024 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

Tgt Ion: 95 Resp: 107599
Ion Ratio Lower Upper
95 100
174 84.2 0.0 178.2
176 81.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

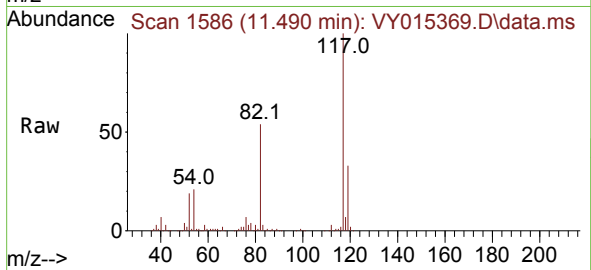
Lab File: VY015369.D

Acq: 30 Aug 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :



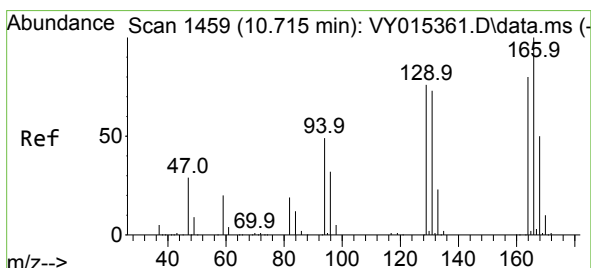
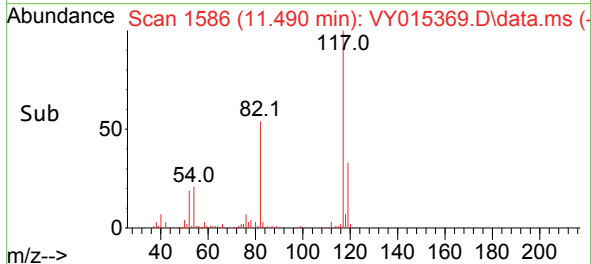
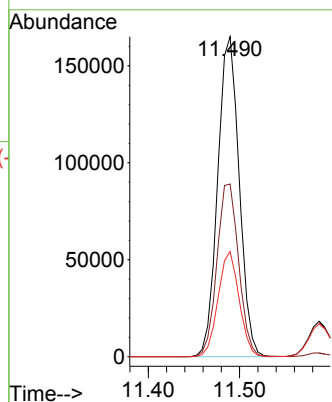
Tgt Ion:117 Resp: 269814

Ion Ratio Lower Upper

117 100

82 54.0 43.4 65.0

119 32.9 26.3 39.5



#64

Tetrachloroethene

Concen: 20.717 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY015369.D

Acq: 30 Aug 2023 11:53

Tgt Ion:164 Resp: 50735

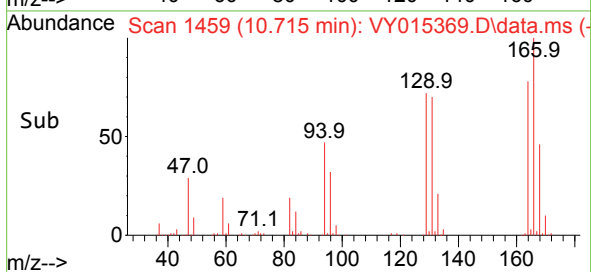
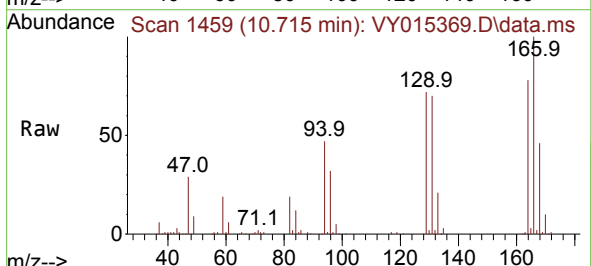
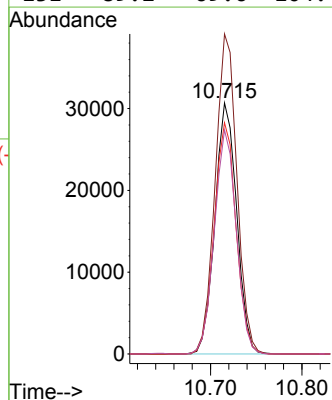
Ion Ratio Lower Upper

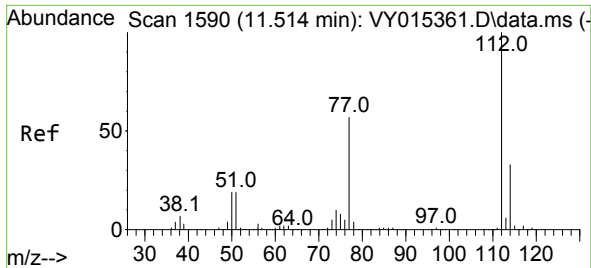
164 100

166 127.4 103.0 154.6

129 92.1 77.2 115.8

131 89.2 69.6 104.4

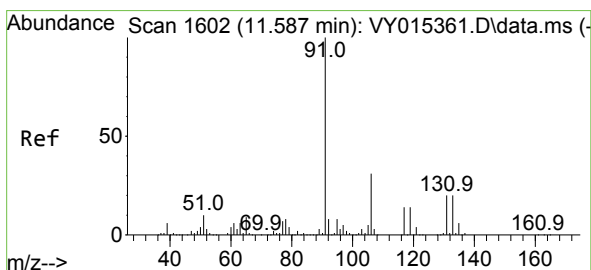
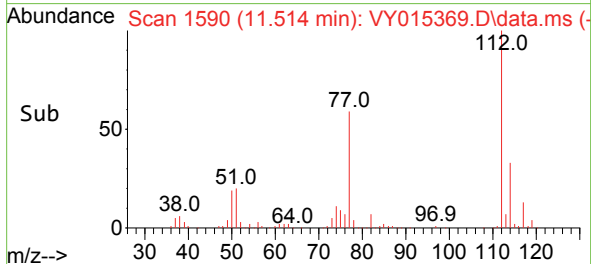
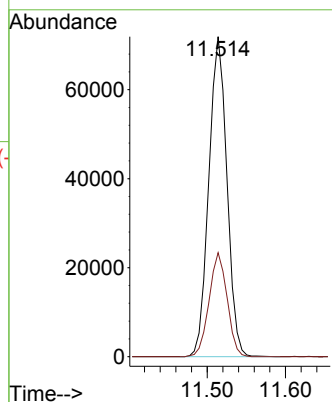
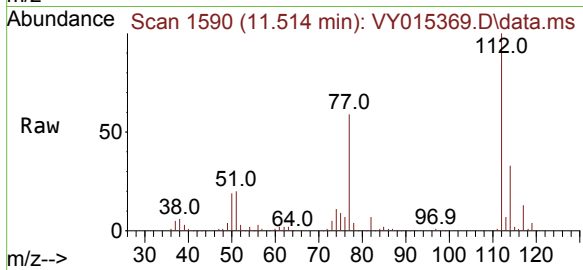




#65
Chlorobenzene
Concen: 19.840 ug/l
RT: 11.514 min Scan# 115352
Delta R.T. 0.000 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

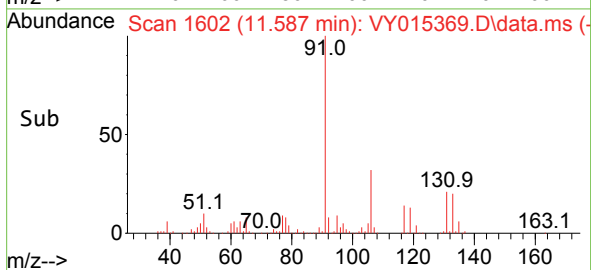
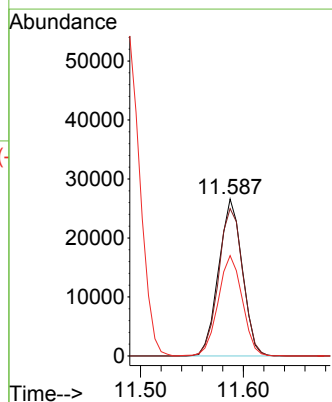
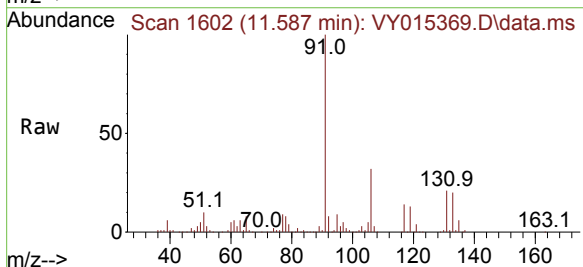
Instrument :
MSVOA_Y
ClientSampleId :

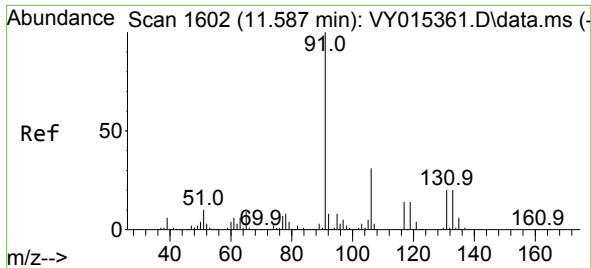
Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.5	38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.954 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.0	47.5	142.6
119	65.4	31.6	94.7

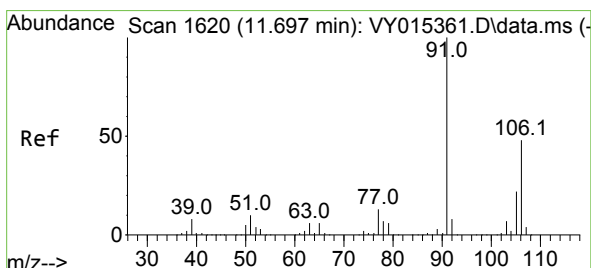
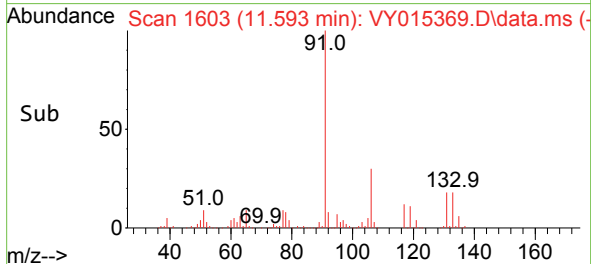
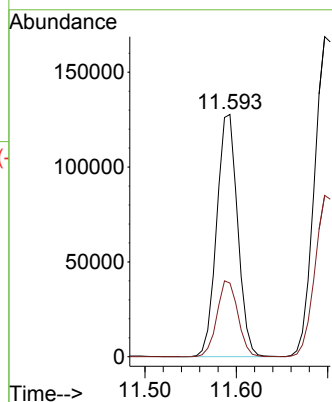
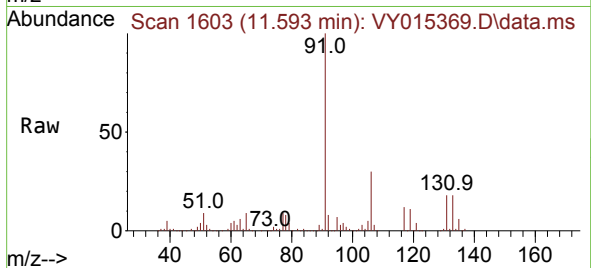




#67
Ethyl Benzene
Concen: 19.513 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

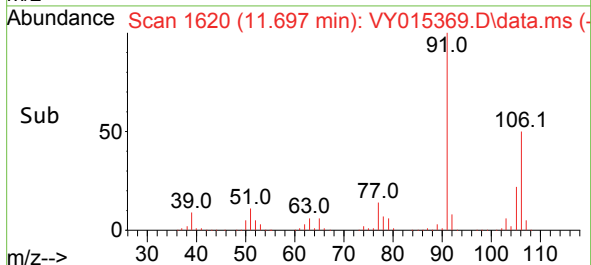
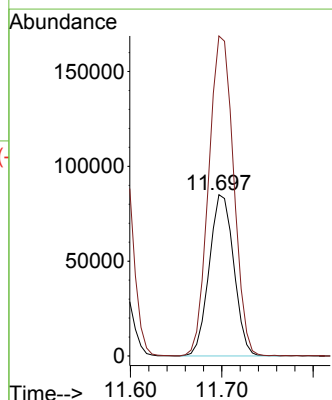
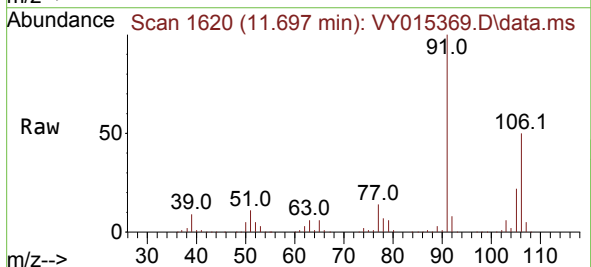
Instrument :
MSVOA_Y
ClientSampleId :

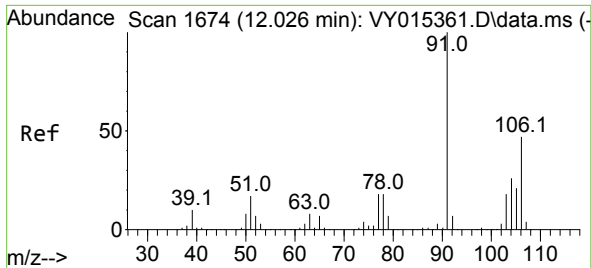
Tgt Ion: 91 Resp: 203720
Ion Ratio Lower Upper
91 100
106 30.4 24.6 36.8



#68
m/p-Xylenes
Concen: 39.253 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

Tgt Ion:106 Resp: 158846
Ion Ratio Lower Upper
106 100
91 201.5 166.1 249.1

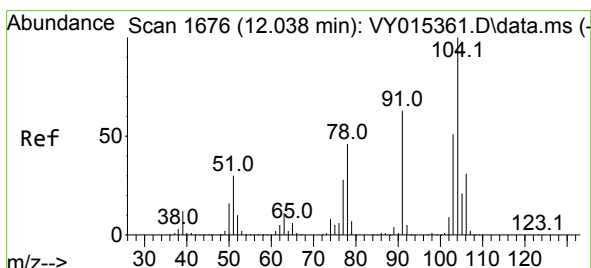
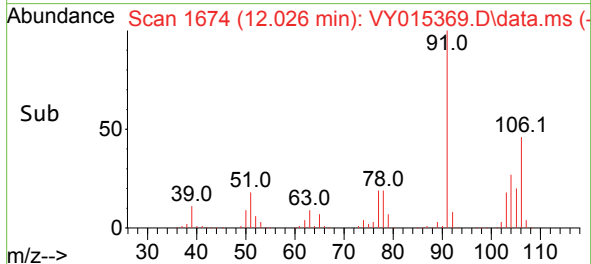
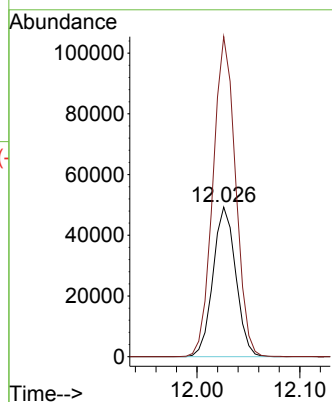
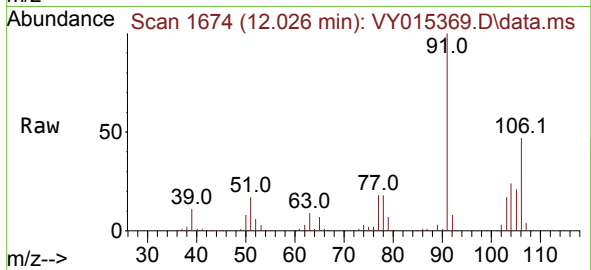




#69
o-Xylene
Concen: 19.552 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

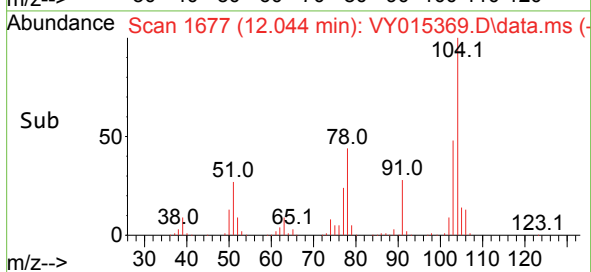
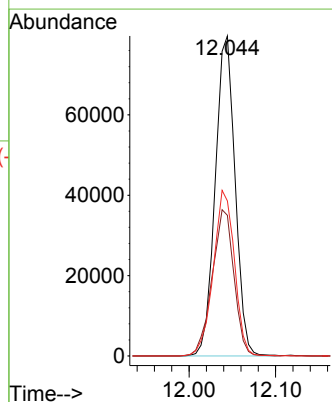
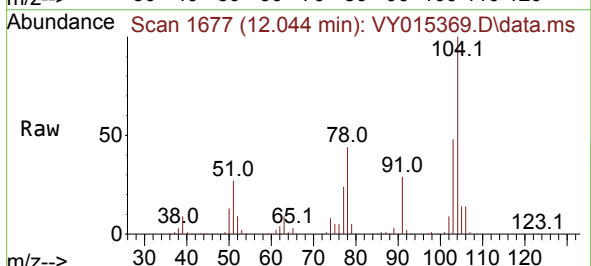
Instrument :
MSVOA_Y
ClientSampleId :

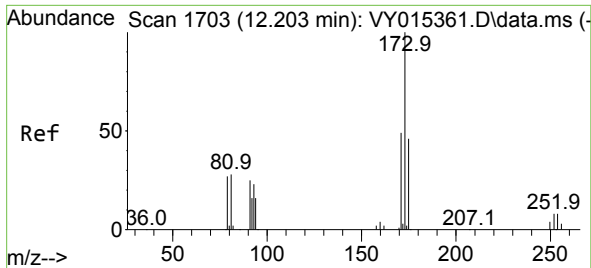
Tgt Ion:106 Resp: 75618
Ion Ratio Lower Upper
106 100
91 213.0 108.1 324.3



#70
Styrene
Concen: 19.536 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

Tgt Ion:104 Resp: 127038
Ion Ratio Lower Upper
104 100
78 50.1 41.5 62.3
103 55.2 44.6 67.0

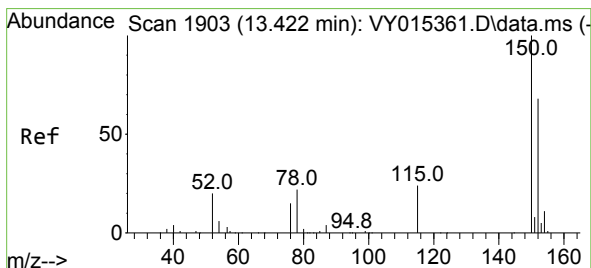
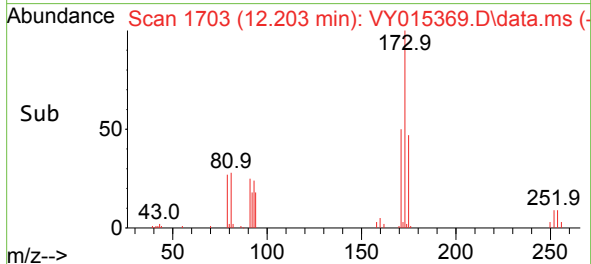
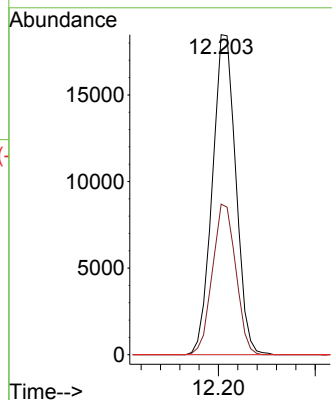
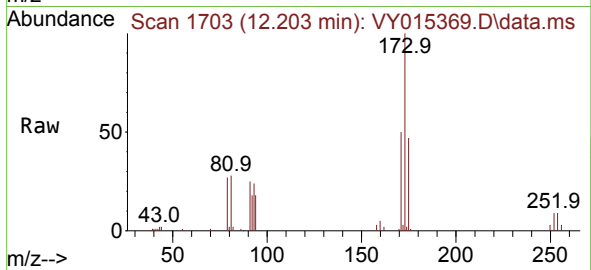




#71
Bromoform
Concen: 20.957 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

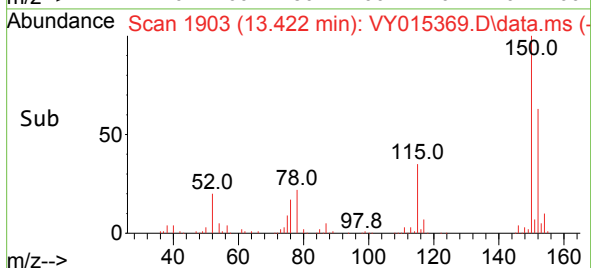
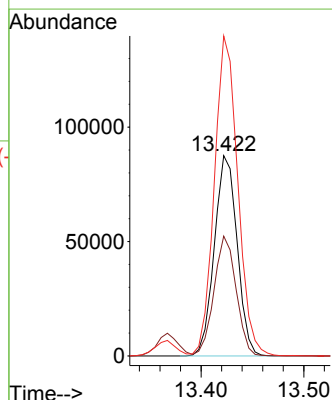
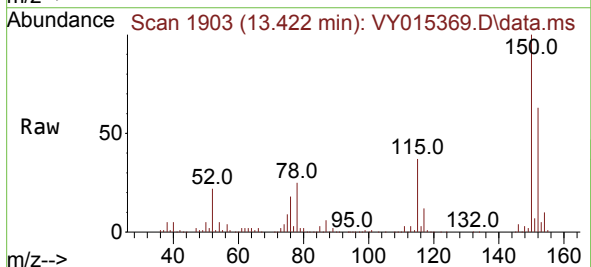
Instrument :
MSVOA_Y
ClientSampleId :

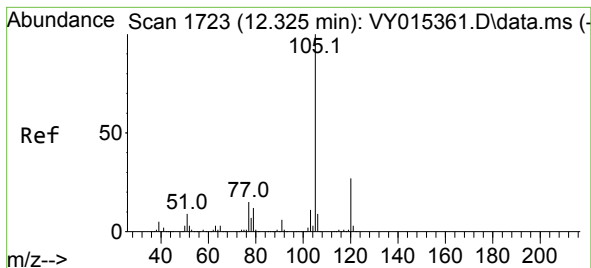
Tgt Ion:173 Resp: 31110
Ion Ratio Lower Upper
173 100
175 47.0 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

Tgt Ion:152 Resp: 134521
Ion Ratio Lower Upper
152 100
115 58.2 28.8 86.5
150 164.7 0.0 348.8





#73

Isopropylbenzene

Concen: 19.586 ug/l

RT: 12.325 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015369.D

Acq: 30 Aug 2023 11:53

Instrument :

MSVOA_Y

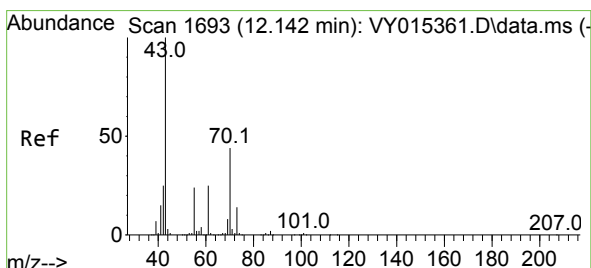
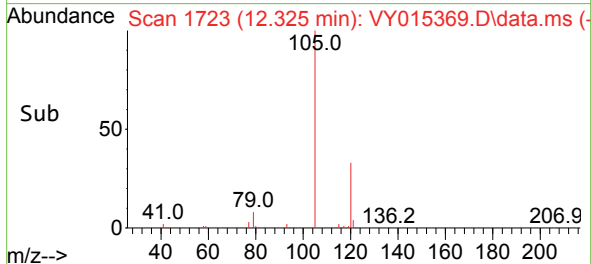
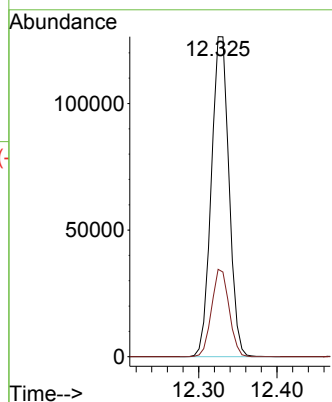
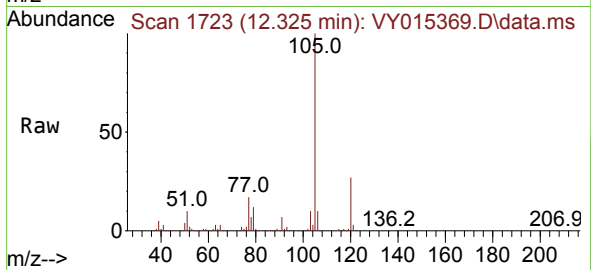
ClientSampleId :

Tgt Ion:105 Resp: 197907

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 20.811 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015369.D

Acq: 30 Aug 2023 11:53

Tgt Ion: 43 Resp: 70647

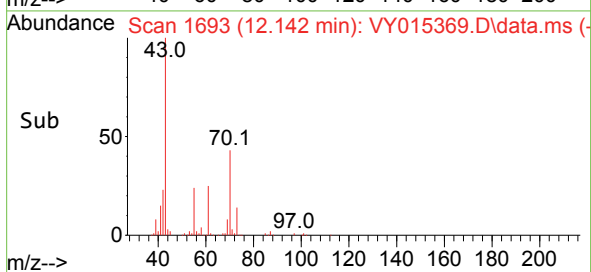
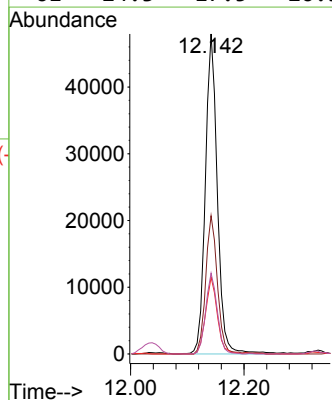
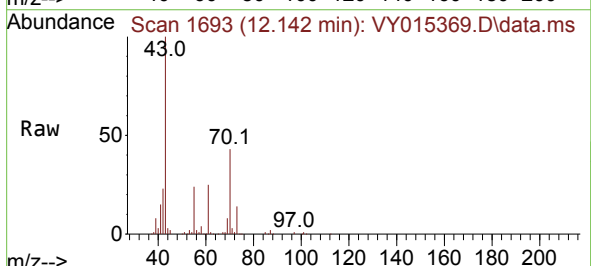
Ion Ratio Lower Upper

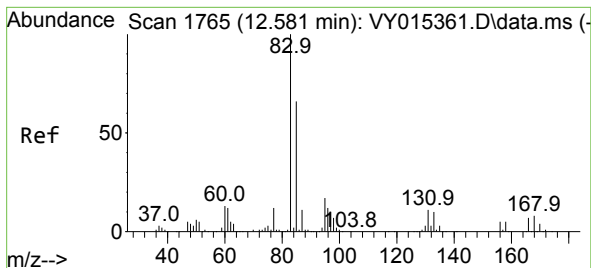
43 100

70 42.4 29.7 44.5

55 23.3 18.3 27.5

61 24.3 17.5 26.3

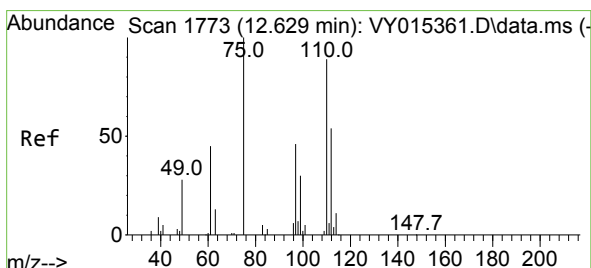
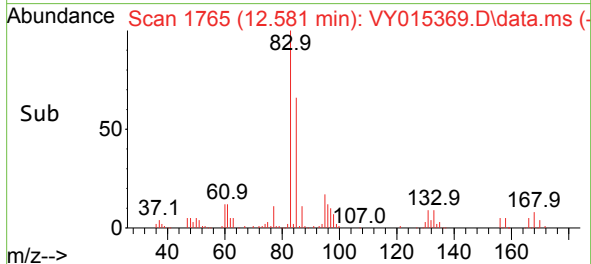
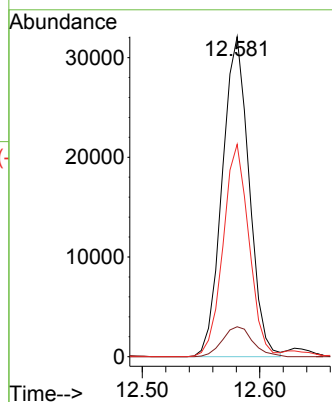
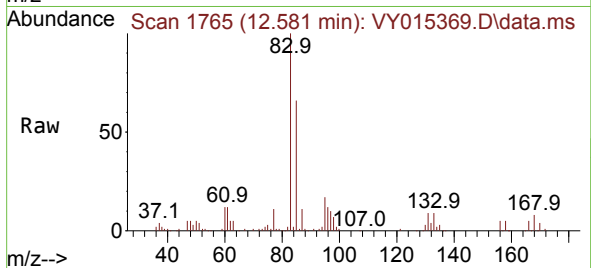




#75
1,1,2,2-Tetrachloroethane
Concen: 21.139 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

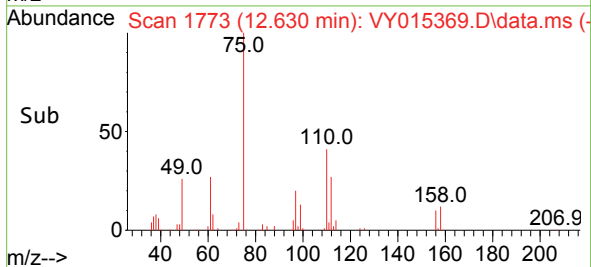
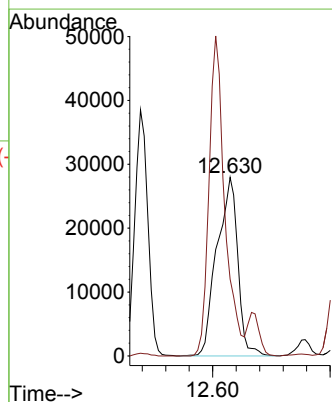
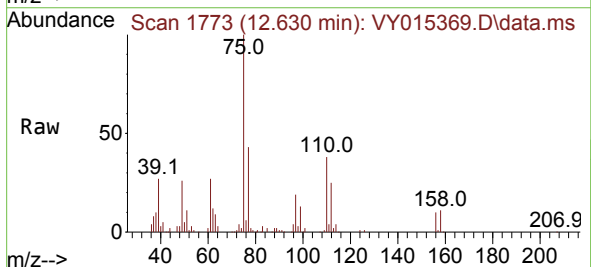
Instrument :
MSVOA_Y
ClientSampleId :

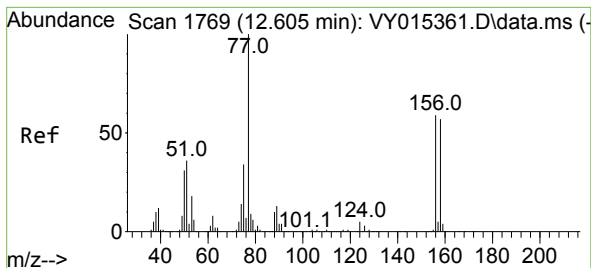
Tgt Ion: 83 Resp: 50990
Ion Ratio Lower Upper
83 100
131 10.5 5.4 16.2
85 64.0 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 38.973 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

Tgt Ion: 75 Resp: 69237
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.459 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY015369.D

Acq: 30 Aug 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :

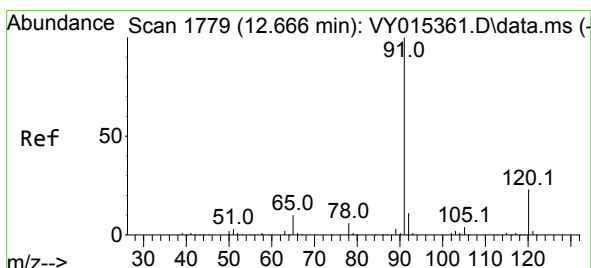
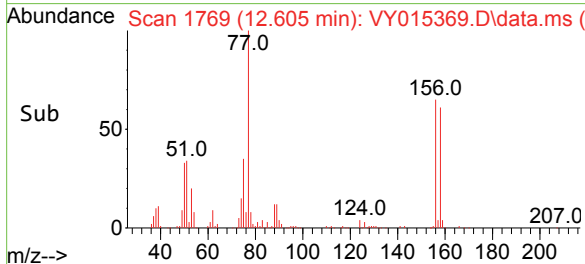
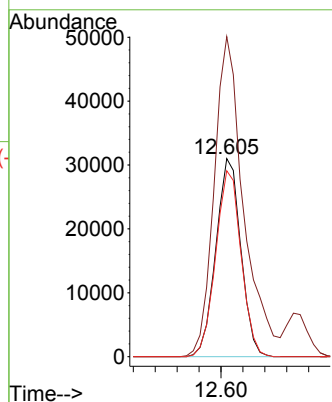
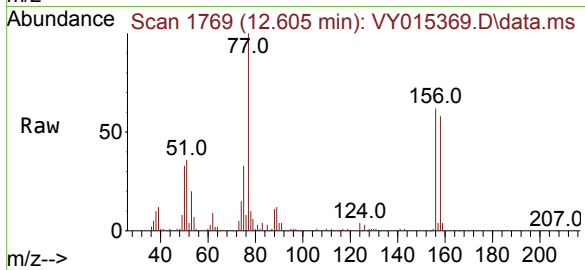
Tgt Ion:156 Resp: 48961

Ion Ratio Lower Upper

156 100

77 191.2 92.8 278.6

158 95.7 48.4 145.3



#78

n-propylbenzene

Concen: 19.634 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY015369.D

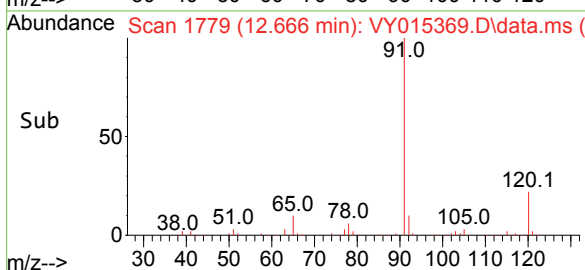
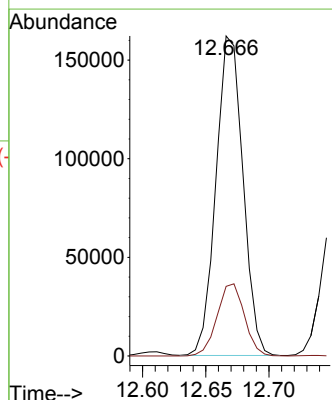
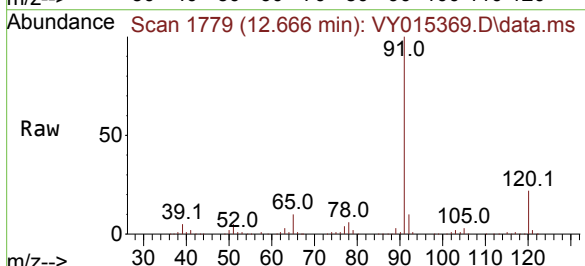
Acq: 30 Aug 2023 11:53

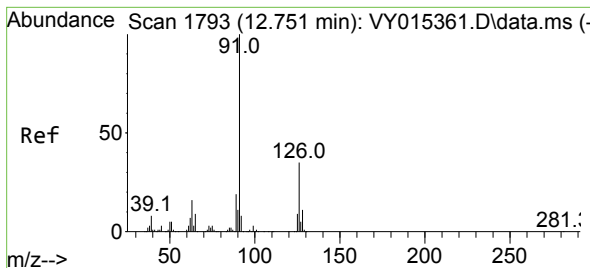
Tgt Ion: 91 Resp: 240055

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4

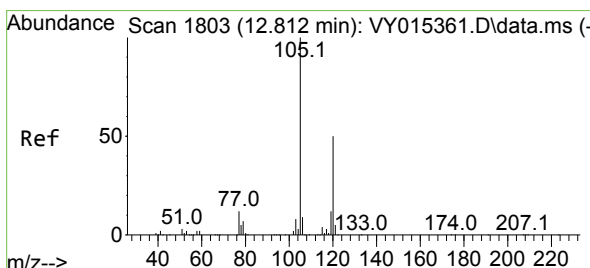
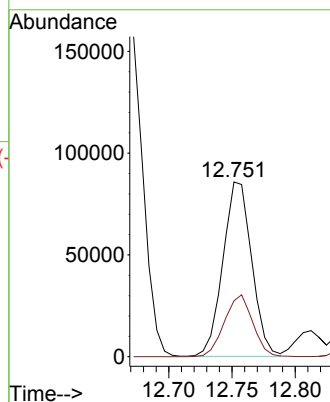
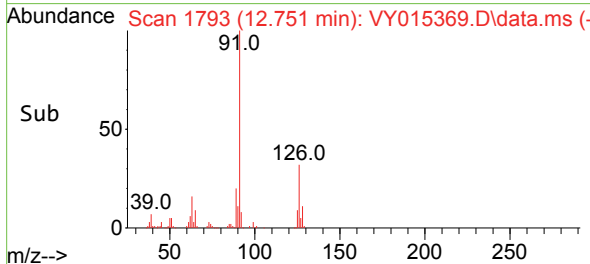
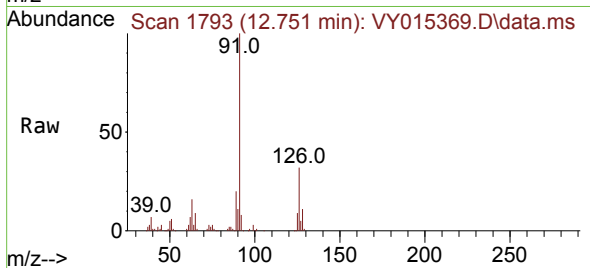




#79
2-Chlorotoluene
Concen: 19.806 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

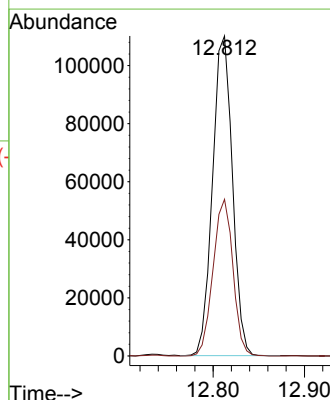
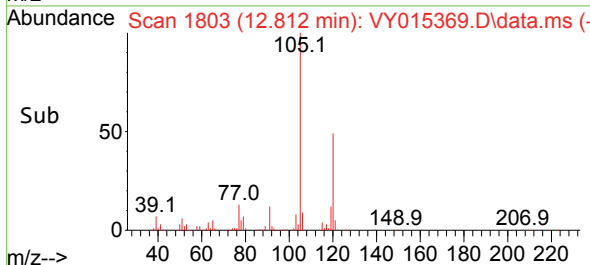
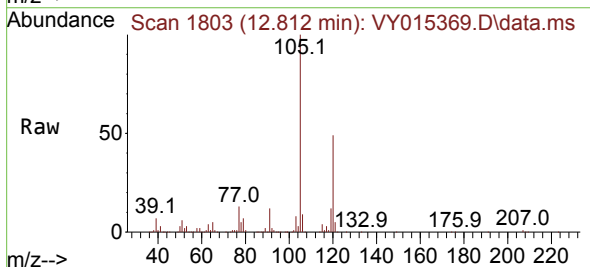
Instrument :
MSVOA_Y
ClientSampleId :

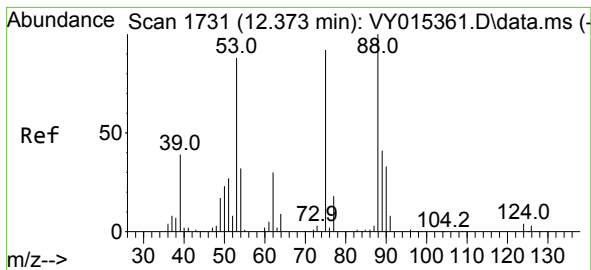
Tgt Ion: 91 Resp: 135826
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 19.651 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

Tgt Ion: 105 Resp: 166078
Ion Ratio Lower Upper
105 100
120 49.1 23.9 71.7

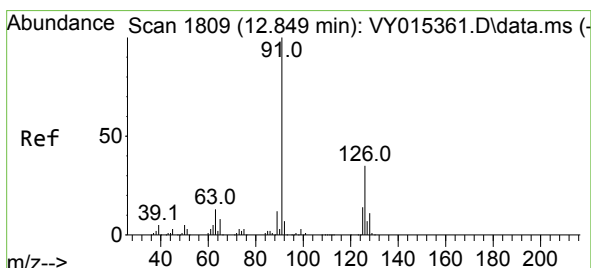
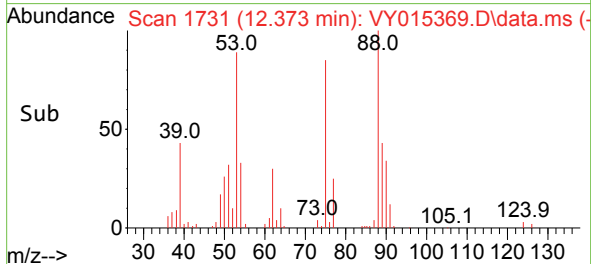
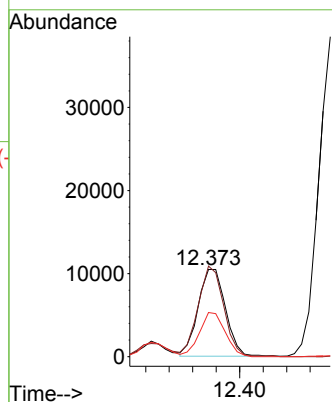
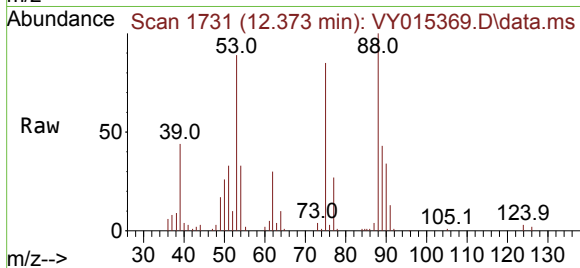




#81
 trans-1,4-Dichloro-2-butene
 Concen: 20.865 ug/l
 RT: 12.373 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY015369.D
 Acq: 30 Aug 2023 11:53

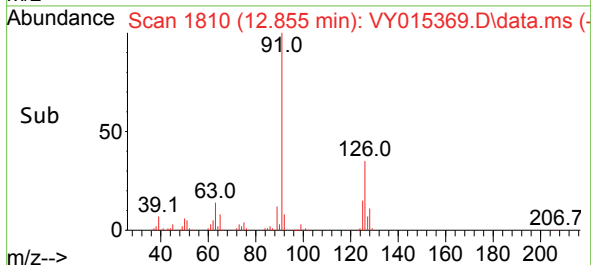
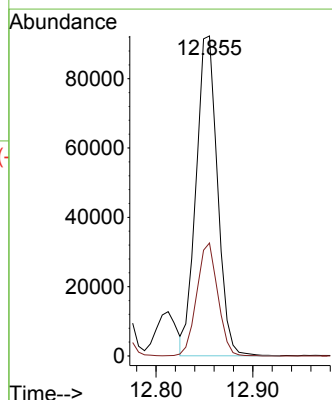
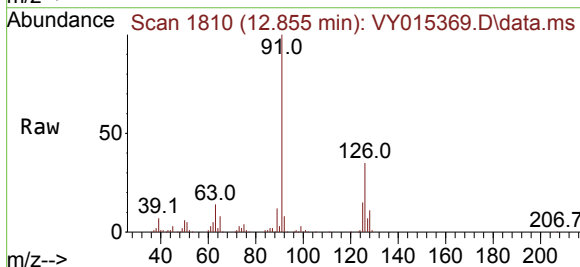
Instrument :
 MSVOA_Y
 ClientSampleId :

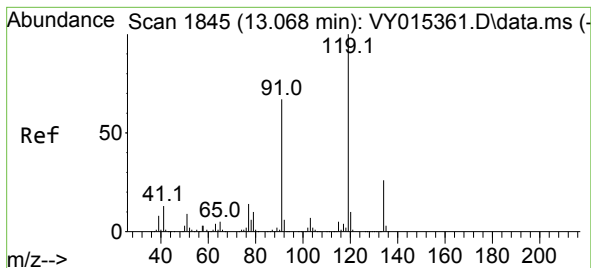
Tgt Ion: 75 Resp: 16873
 Ion Ratio Lower Upper
 75 100
 53 98.2 77.8 116.8
 89 48.0 37.4 56.0



#82
 4-Chlorotoluene
 Concen: 19.938 ug/l
 RT: 12.855 min Scan# 1810
 Delta R.T. 0.006 min
 Lab File: VY015369.D
 Acq: 30 Aug 2023 11:53

Tgt Ion: 91 Resp: 142098
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.514 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015369.D

Acq: 30 Aug 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :

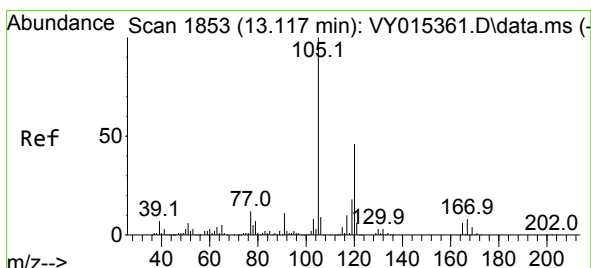
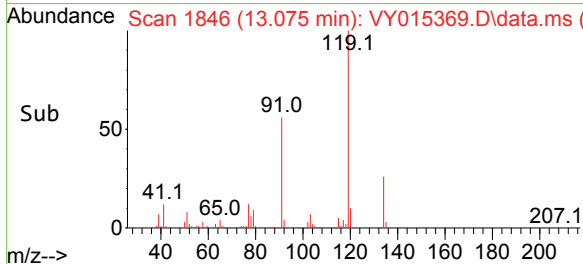
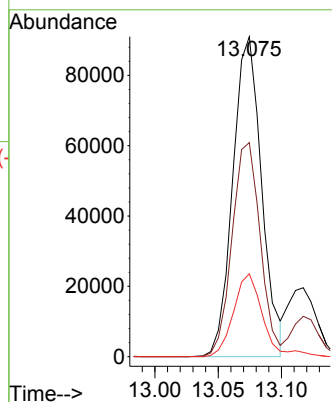
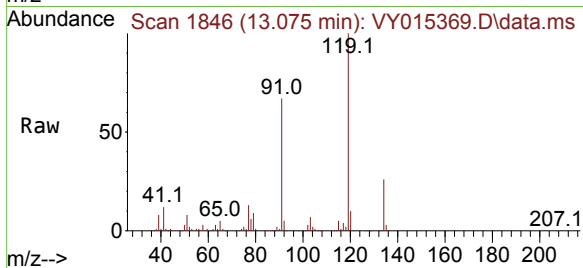
Tgt Ion:119 Resp: 144451

Ion Ratio Lower Upper

119 100

91 65.6 32.9 98.6

134 26.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.761 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015369.D

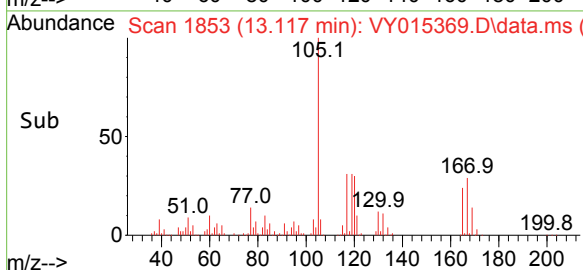
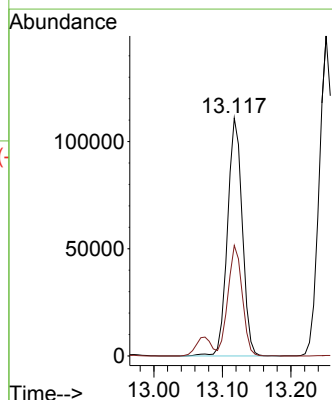
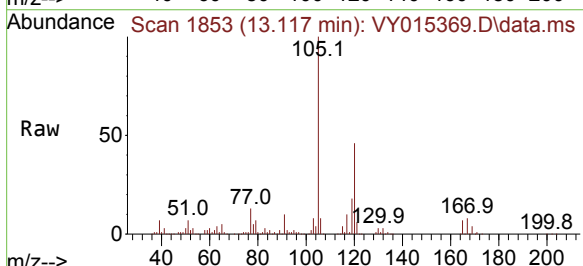
Acq: 30 Aug 2023 11:53

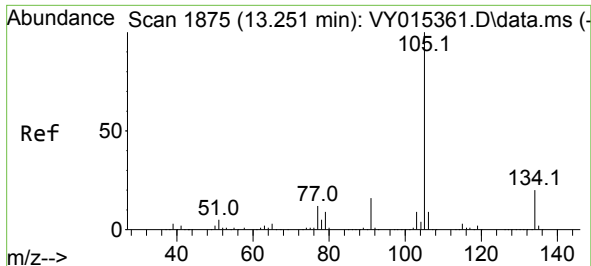
Tgt Ion:105 Resp: 165824

Ion Ratio Lower Upper

105 100

120 44.9 22.2 66.6

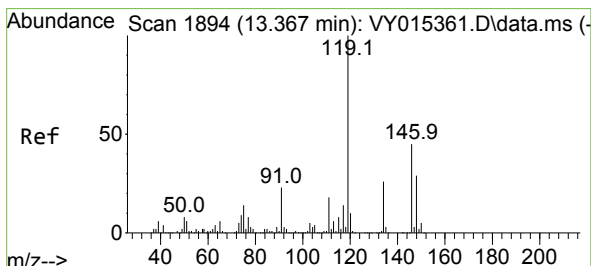
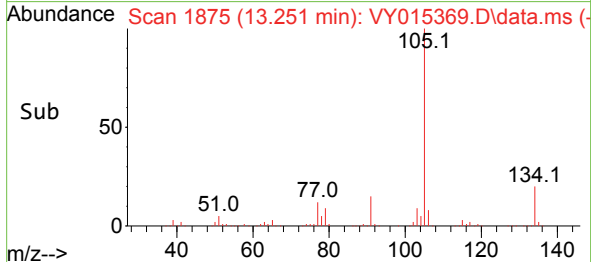
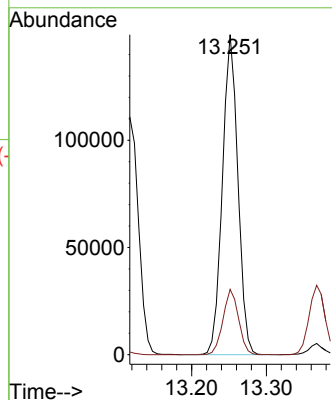
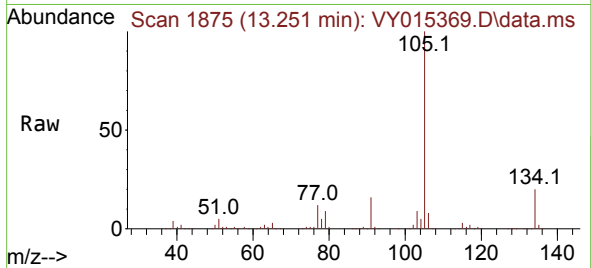




#85
 sec-Butylbenzene
 Concen: 19.520 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY015369.D
 Acq: 30 Aug 2023 11:53

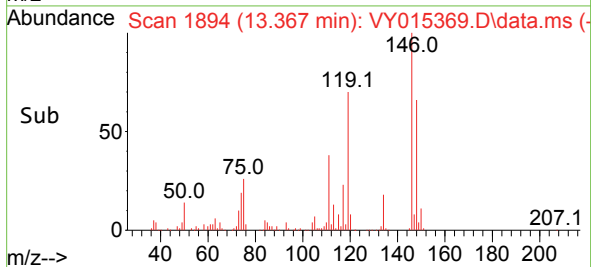
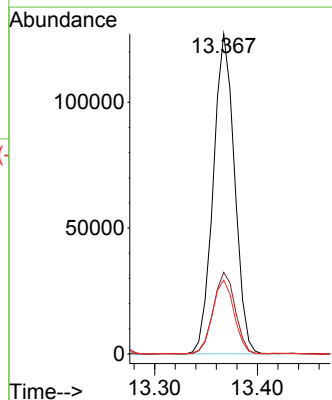
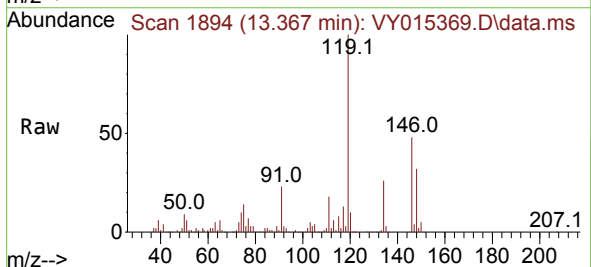
Instrument :
 MSVOA_Y
 ClientSampleId :

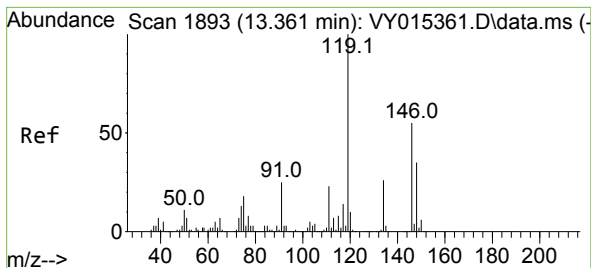
Tgt Ion:105 Resp: 215522
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 19.768 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY015369.D
 Acq: 30 Aug 2023 11:53

Tgt Ion:119 Resp: 182932
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 23.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.905 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY015369.D

Acq: 30 Aug 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :

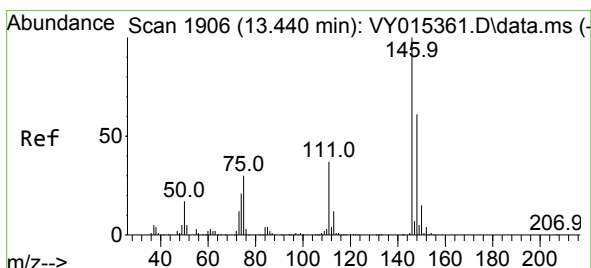
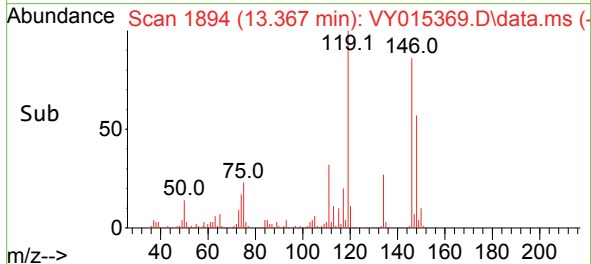
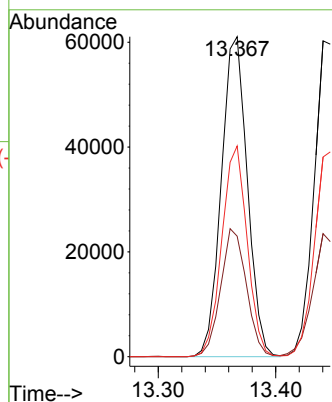
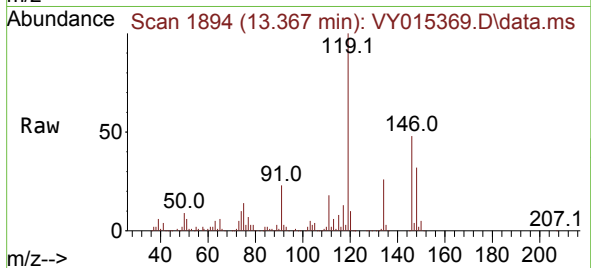
Tgt Ion:146 Resp: 94043

Ion Ratio Lower Upper

146 100

111 39.6 19.4 58.2

148 64.2 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.794 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY015369.D

Acq: 30 Aug 2023 11:53

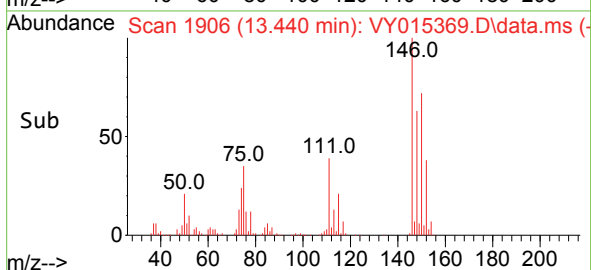
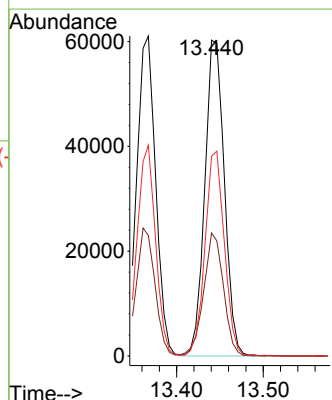
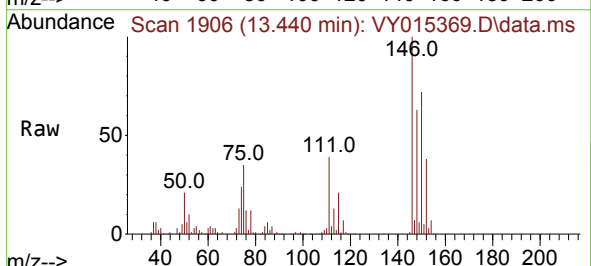
Tgt Ion:146 Resp: 94534

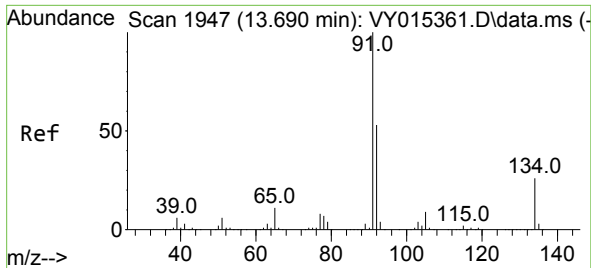
Ion Ratio Lower Upper

146 100

111 39.5 18.9 56.7

148 64.3 32.1 96.5

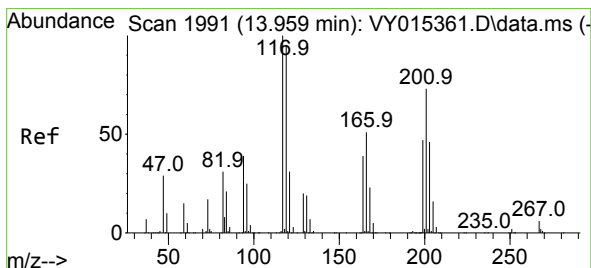
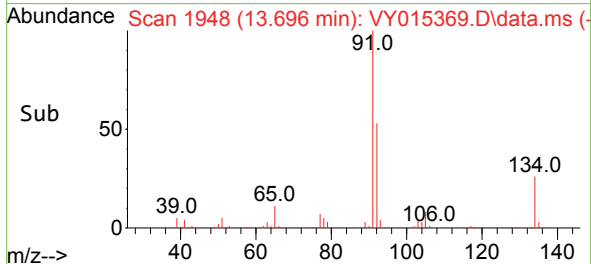
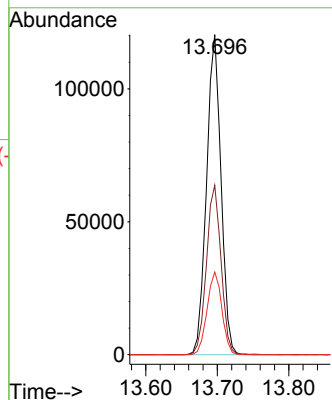
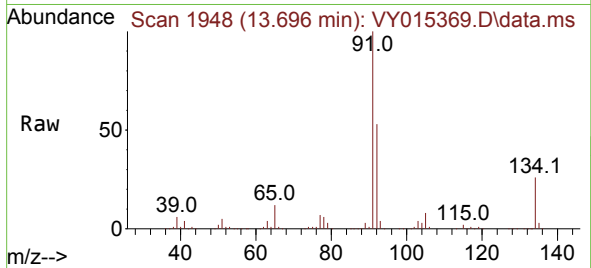




#89
n-Butylbenzene
Concen: 19.421 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

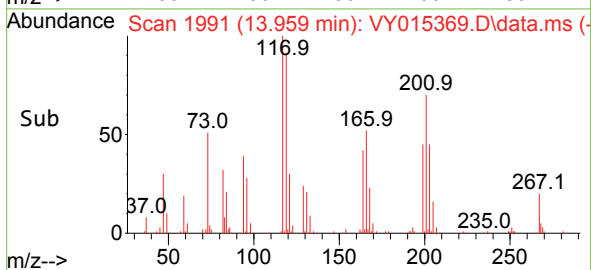
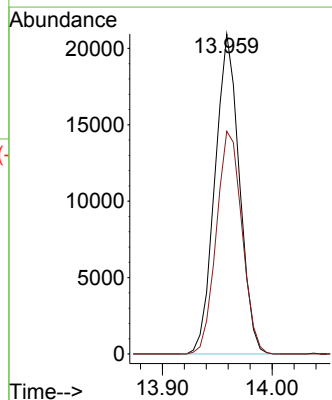
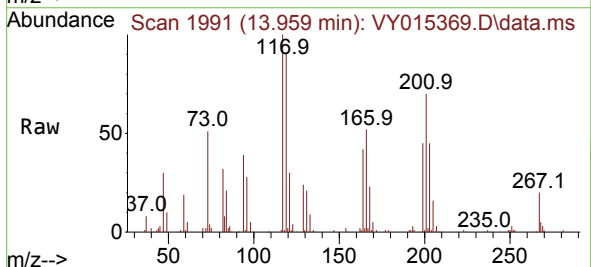
Instrument :
MSVOA_Y
ClientSampleId :

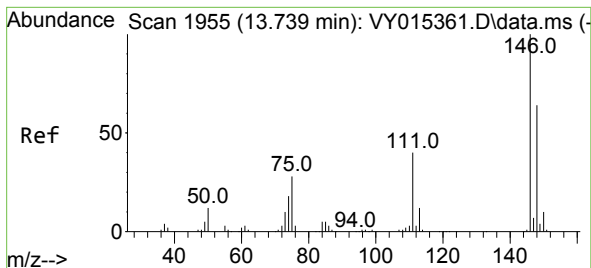
Tgt Ion: 91 Resp: 169156
Ion Ratio Lower Upper
91 100
92 53.4 25.4 76.0
134 26.4 12.6 37.6



#90
Hexachloroethane
Concen: 19.583 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY015369.D
Acq: 30 Aug 2023 11:53

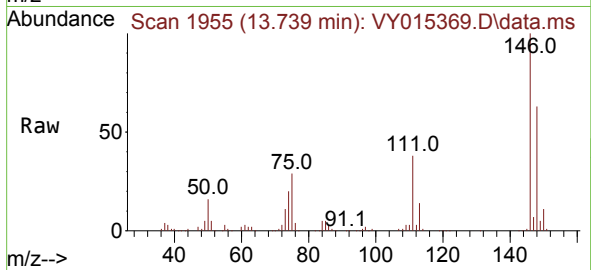
Tgt Ion: 117 Resp: 32411
Ion Ratio Lower Upper
117 100
201 73.0 41.6 124.8



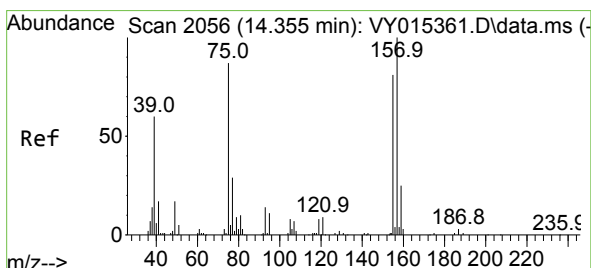
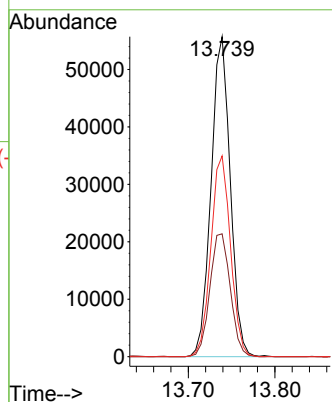
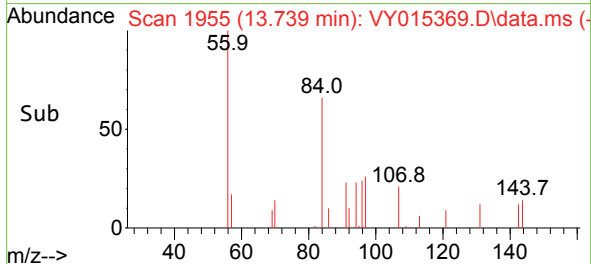


#91
 1,2-Dichlorobenzene
 Concen: 19.895 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY015369.D
 Acq: 30 Aug 2023 11:53

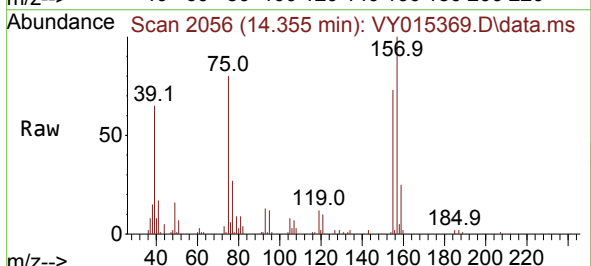
Instrument :
 MSVOA_Y
 ClientSampleId :



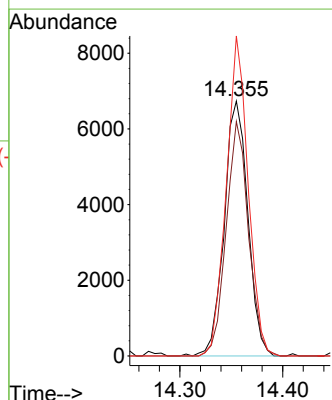
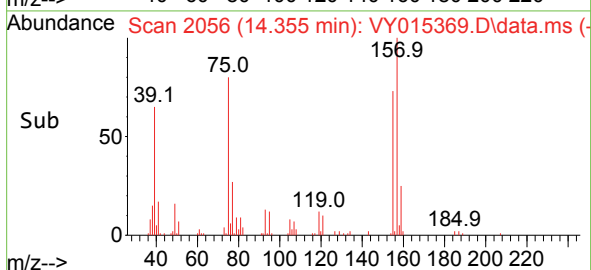
Tgt Ion:146 Resp: 85778
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.7 59.0
 148 64.2 32.0 96.2

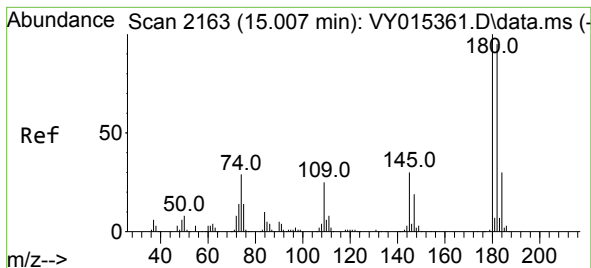


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.559 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY015369.D
 Acq: 30 Aug 2023 11:53



Tgt Ion: 75 Resp: 10764
 Ion Ratio Lower Upper
 75 100
 155 86.8 41.5 124.6
 157 115.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.801 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015369.D

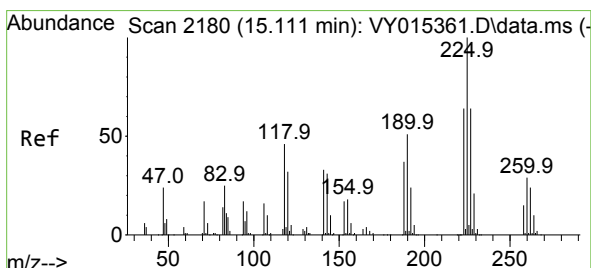
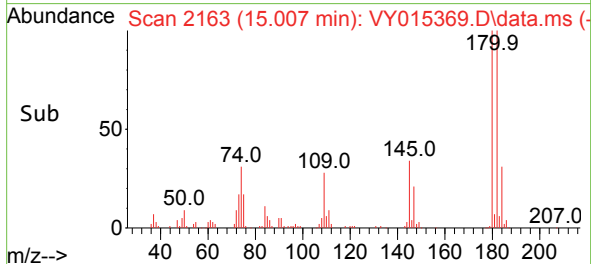
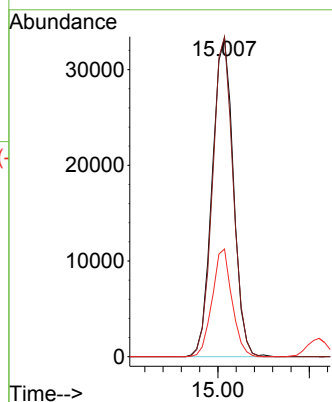
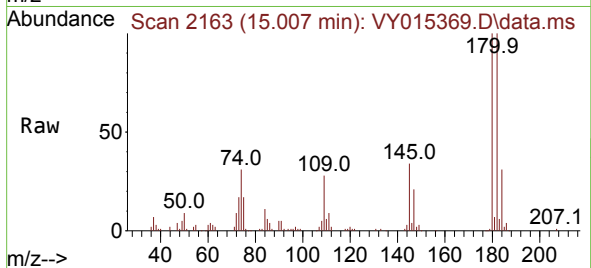
Acq: 30 Aug 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:180	Resp:	53616
Ion Ratio	Lower	Upper
180	100	
182	97.5	47.0 141.2
145	31.6	14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.255 ug/l

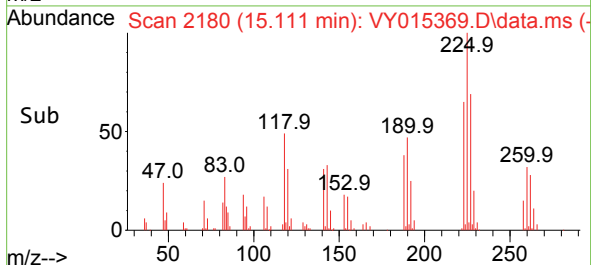
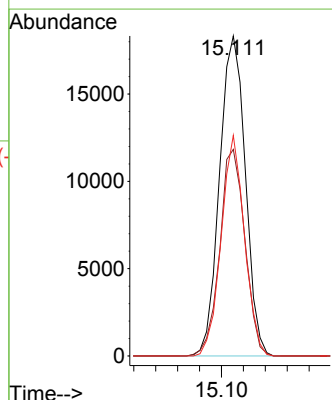
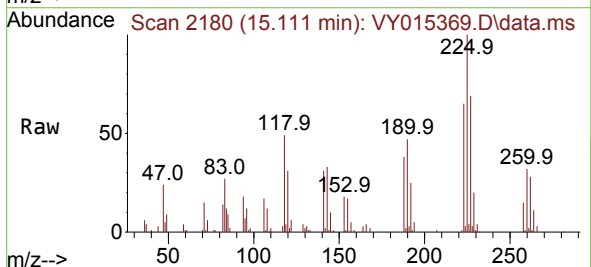
RT: 15.111 min Scan# 2180

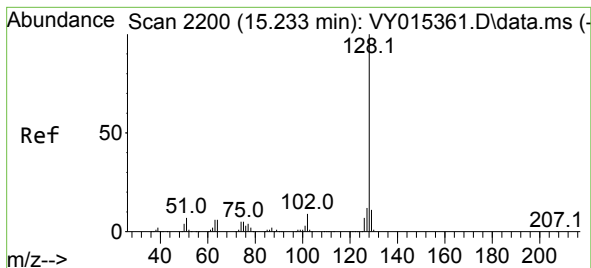
Delta R.T. 0.000 min

Lab File: VY015369.D

Acq: 30 Aug 2023 11:53

Tgt Ion:225	Resp:	29906
Ion Ratio	Lower	Upper
225	100	
223	63.1	31.9 95.9
227	62.2	33.0 98.9





#95

Naphthalene

Concen: 21.524 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

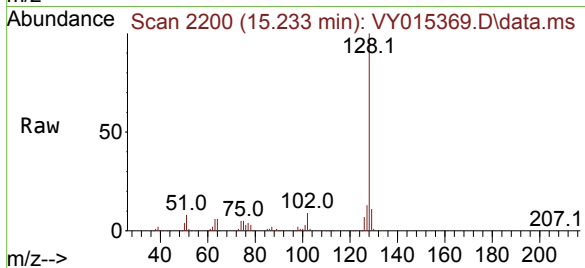
Lab File: VY015369.D

Acq: 30 Aug 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :



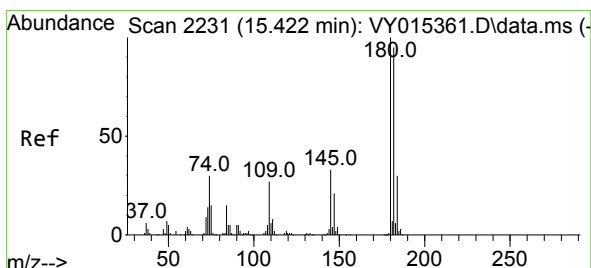
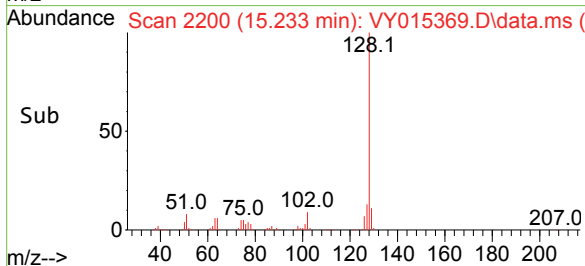
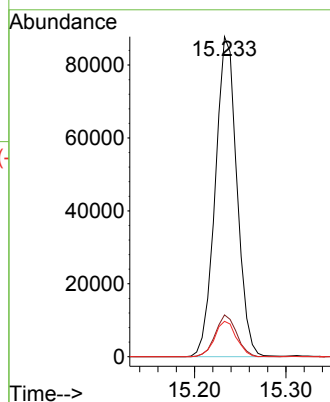
Tgt Ion:128 Resp: 144367

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.446 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015369.D

Acq: 30 Aug 2023 11:53

Tgt Ion:180 Resp: 50498

Ion Ratio Lower Upper

180 100

182 94.0 47.3 141.8

145 32.7 15.4 46.2

