

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015105.D
 Acq On : 15 Aug 2023 15:53
 Operator : SY/MD
 Sample : VY0815SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 16 02:05:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	189411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	310217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	282082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	99302	43.674	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.340%
35) Dibromofluoromethane	7.716	113	87003	43.595	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.180%
50) Toluene-d8	10.179	98	319699	43.032	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.060%
62) 4-Bromofluorobenzene	12.477	95	117152	43.173	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	19779	21.520	ug/l	96
3) Chloromethane	2.113	50	22723	17.615	ug/l	96
4) Vinyl Chloride	2.247	62	29674	19.688	ug/l	99
5) Bromomethane	2.619	94	23404	20.064	ug/l	95
6) Chloroethane	2.777	64	21850	19.968	ug/l	98
7) Trichlorofluoromethane	3.113	101	51175	20.150	ug/l	100
8) Diethyl Ether	3.521	74	19721	19.800	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.887	101	30539	19.348	ug/l	98
10) Methyl Iodide	4.082	142	26416	17.044	ug/l	99
11) Tert butyl alcohol	4.954	59	46700	116.074	ug/l #	88
12) 1,1-Dichloroethene	3.863	96	25006	18.973	ug/l	88
13) Acrolein	3.722	56	25345	155.418	ug/l	98
14) Allyl chloride	4.472	41	42813	18.321	ug/l	97
15) Acrylonitrile	5.155	53	68456	101.419	ug/l	99
16) Acetone	3.942	43	73161	98.496	ug/l	90
17) Carbon Disulfide	4.186	76	39253	16.923	ug/l	98
18) Methyl Acetate	4.472	43	54062	19.861	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	112458	20.067	ug/l	99
20) Methylene Chloride	4.704	84	55445	29.348	ug/l	89
21) trans-1,2-Dichloroethene	5.204	96	27655	18.602	ug/l	93
22) Diisopropyl ether	6.112	45	109970	18.860	ug/l	93
23) Vinyl Acetate	6.051	43	320335	92.071	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	60595	19.195	ug/l	96
25) 2-Butanone	6.978	43	106944	101.687	ug/l	95
26) 2,2-Dichloropropane	6.972	77	58899	19.355	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	40189	19.789	ug/l	95
28) Bromochloromethane	7.325	49	29378	20.256	ug/l	88
29) Tetrahydrofuran	7.344	42	61578	97.920	ug/l	90
30) Chloroform	7.502	83	69838	19.735	ug/l	97
31) Cyclohexane	7.777	56	41490	18.838	ug/l #	84
32) 1,1,1-Trichloroethane	7.697	97	58876	19.551	ug/l	99
36) 1,1-Dichloropropene	7.911	75	40924	18.535	ug/l	97
37) Ethyl Acetate	7.069	43	40793	19.821	ug/l	96
38) Carbon Tetrachloride	7.898	117	50214	19.217	ug/l	99
39) Methylcyclohexane	9.179	83	46937	18.963	ug/l	91
40) Benzene	8.155	78	129735	19.435	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015105.D
 Acq On : 15 Aug 2023 15:53
 Operator : SY/MD
 Sample : VY0815SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 16 02:05:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	22672	21.364	ug/l	88
42) 1,2-Dichloroethane	8.234	62	49118	20.261	ug/l	95
43) Isopropyl Acetate	8.270	43	72835	19.434	ug/l	98
44) Trichloroethene	8.935	130	38790	20.170	ug/l	98
45) 1,2-Dichloropropane	9.209	63	36830	19.566	ug/l	99
46) Dibromomethane	9.301	93	24616	20.735	ug/l	97
47) Bromodichloromethane	9.496	83	55895	19.730	ug/l	99
48) Methyl methacrylate	9.288	41	32316	20.157	ug/l	93
49) 1,4-Dioxane	9.301	88	10018	421.989	ug/l #	67
51) 4-Methyl-2-Pentanone	10.069	43	216436	99.644	ug/l	95
52) Toluene	10.240	92	85928	19.530	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	56648	19.027	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	59979	19.129	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	36596	20.273	ug/l	96
56) Ethyl methacrylate	10.508	69	51461	19.479	ug/l	92
57) 1,3-Dichloropropane	10.788	76	59856	20.296	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	130655	106.271	ug/l	91
59) 2-Hexanone	10.831	43	157152	97.757	ug/l	92
60) Dibromochloromethane	10.983	129	43243	20.082	ug/l	99
61) 1,2-Dibromoethane	11.087	107	34734	20.255	ug/l	99
64) Tetrachloroethene	10.715	164	42387	21.568	ug/l	97
65) Chlorobenzene	11.514	112	102276	19.900	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	40932	19.628	ug/l	98
67) Ethyl Benzene	11.593	91	173646	19.283	ug/l	97
68) m/p-Xylenes	11.703	106	132053	38.611	ug/l	96
69) o-Xylene	12.026	106	66041	19.383	ug/l	99
70) Styrene	12.044	104	116028	19.676	ug/l	97
71) Bromoform	12.209	173	29819	19.725	ug/l #	99
73) Isopropylbenzene	12.331	105	178209	19.058	ug/l	99
74) N-amyl acetate	12.142	43	63867	18.917	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	46604	19.136	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	60462	34.223	ug/l #	100
77) Bromobenzene	12.605	156	45561	19.989	ug/l	98
78) n-propylbenzene	12.666	91	211407	19.039	ug/l	99
79) 2-Chlorotoluene	12.751	91	121463	18.962	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	151829	19.479	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	15192	18.887	ug/l	100
82) 4-Chlorotoluene	12.849	91	128693	19.446	ug/l	99
83) tert-Butylbenzene	13.074	119	135802	19.048	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	152327	19.557	ug/l	99
85) sec-Butylbenzene	13.251	105	200534	19.197	ug/l	99
86) p-Isopropyltoluene	13.367	119	167055	19.288	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	89203	19.731	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	90074	19.864	ug/l	98
89) n-Butylbenzene	13.696	91	156718	19.191	ug/l	97
90) Hexachloroethane	13.958	117	32573	18.958	ug/l	94
91) 1,2-Dichlorobenzene	13.733	146	84648	20.043	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9506	20.149	ug/l	90
93) 1,2,4-Trichlorobenzene	15.001	180	54865	20.235	ug/l	99
94) Hexachlorobutadiene	15.111	225	29618	20.082	ug/l	99
95) Naphthalene	15.233	128	135758	20.100	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	49367	20.161	ug/l	99

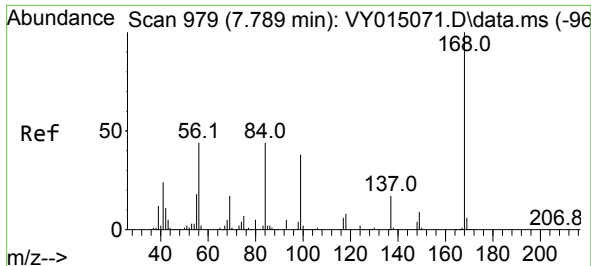
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
Data File : VY015105.D
Acq On : 15 Aug 2023 15:53
Operator : SY/MD
Sample : VY0815SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Aug 16 02:05:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration

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

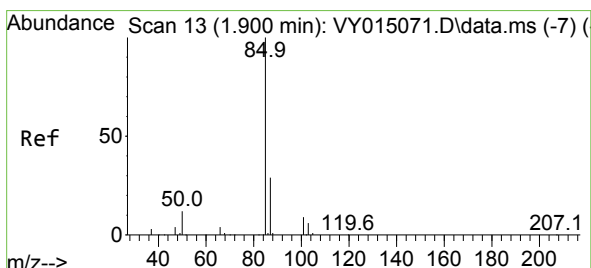
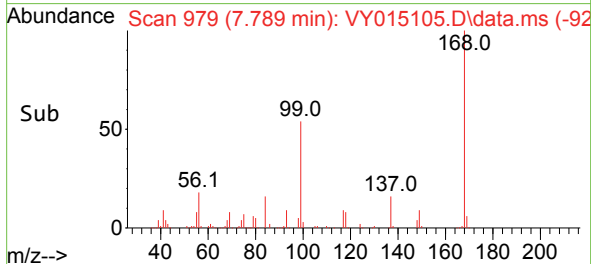
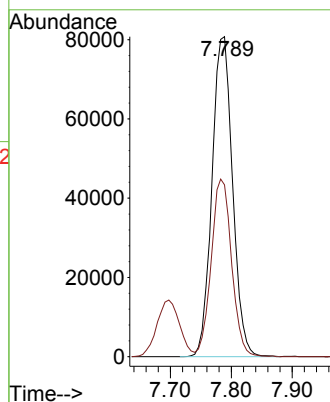
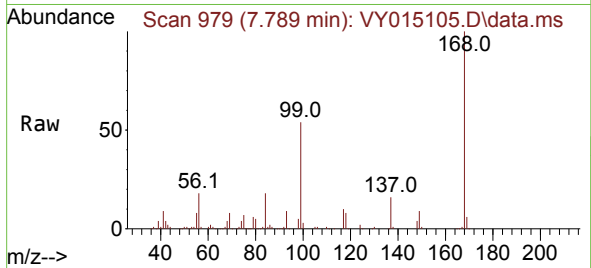
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

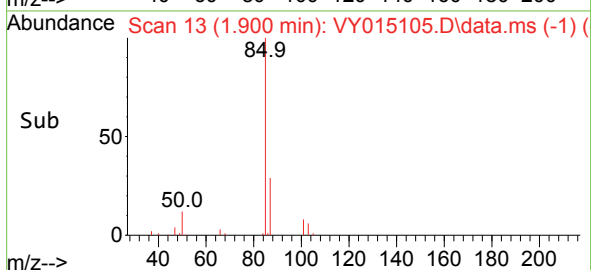
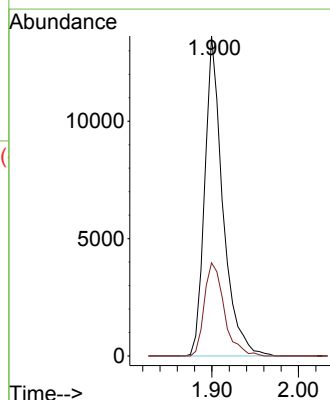
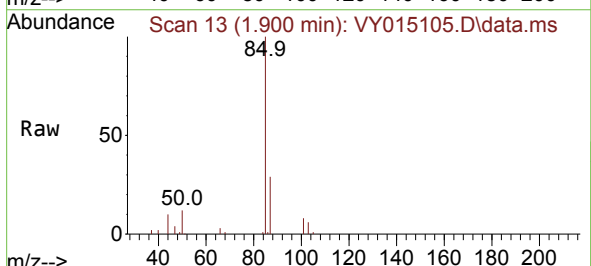
Instrument :
MSVOA_Y
ClientSampleId :

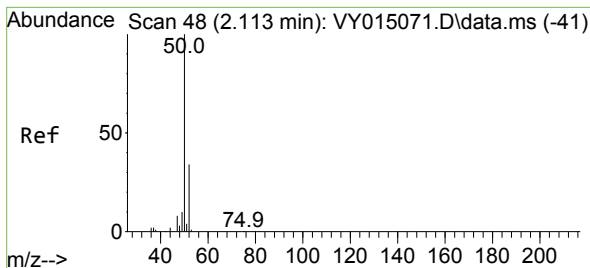
Tgt Ion:168 Resp: 189411
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 21.520 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

Tgt Ion: 85 Resp: 19779
Ion Ratio Lower Upper
85 100
87 29.1 15.6 46.8





#3

Chloromethane

Concen: 17.615 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015105.D

Acq: 15 Aug 2023 15:53

Instrument :

MSVOA_Y

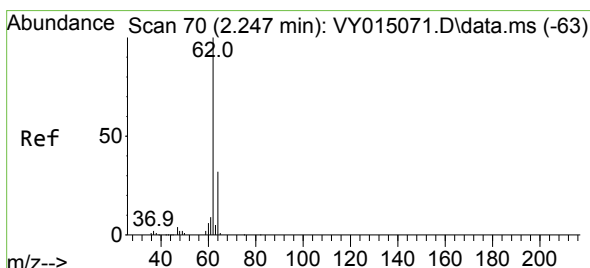
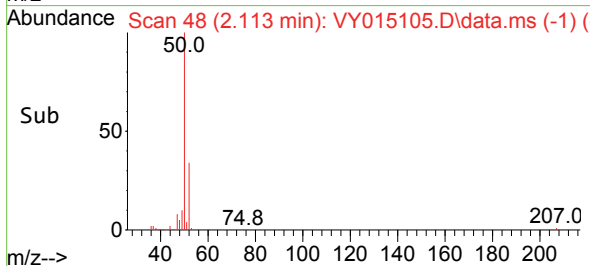
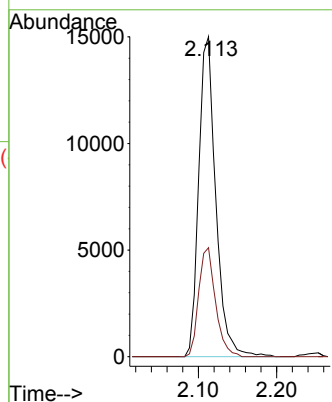
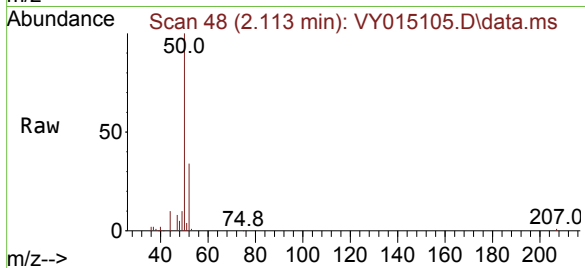
ClientSampleId :

Tgt Ion: 50 Resp: 22723

Ion Ratio Lower Upper

50 100

52 34.0 25.4 38.2



#4

Vinyl Chloride

Concen: 19.688 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY015105.D

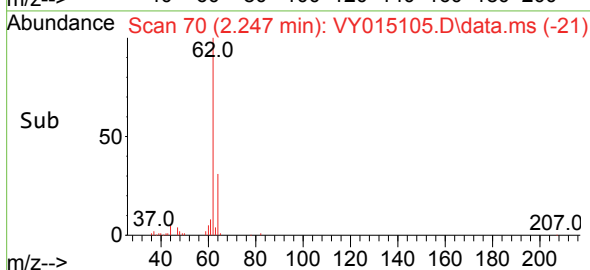
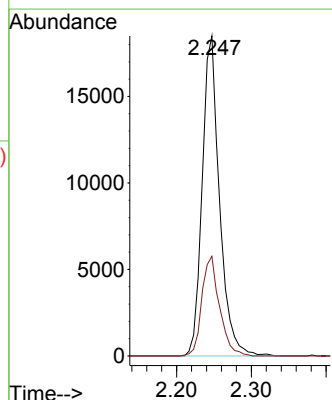
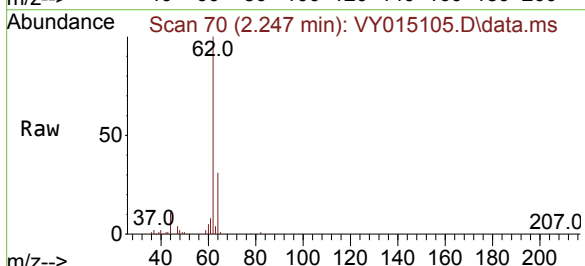
Acq: 15 Aug 2023 15:53

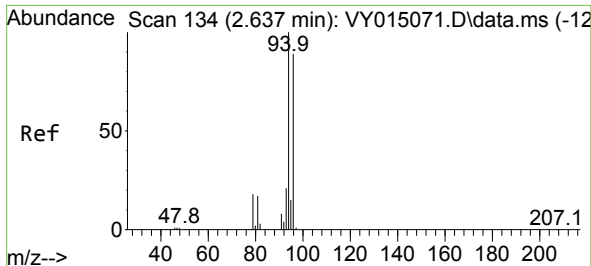
Tgt Ion: 62 Resp: 29674

Ion Ratio Lower Upper

62 100

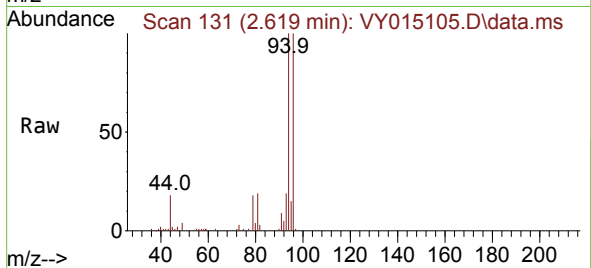
64 31.1 24.3 36.5



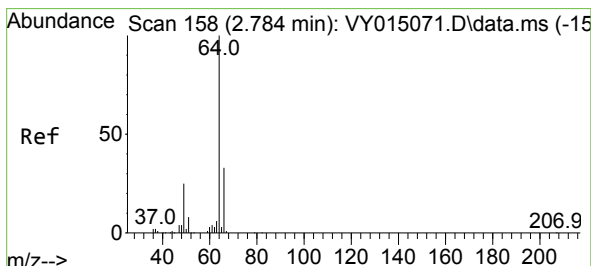
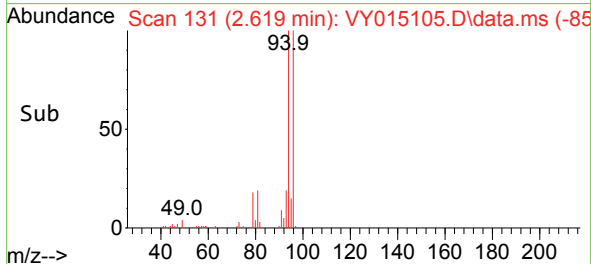
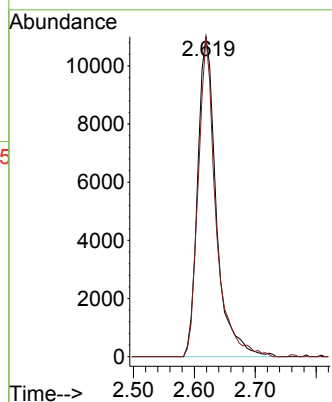


#5
Bromomethane
Concen: 20.064 ug/l
RT: 2.619 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

Instrument :
MSVOA_Y
ClientSampleId :

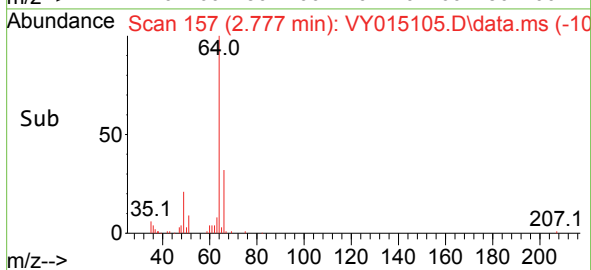
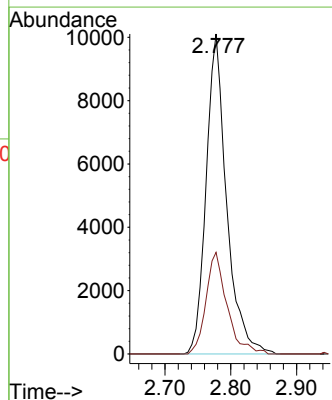
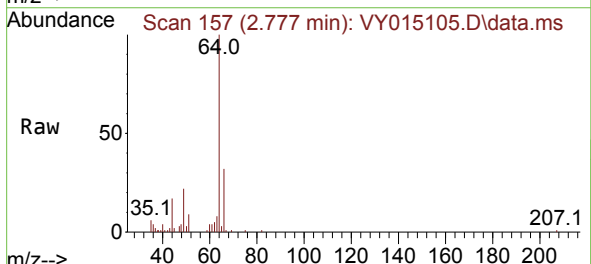


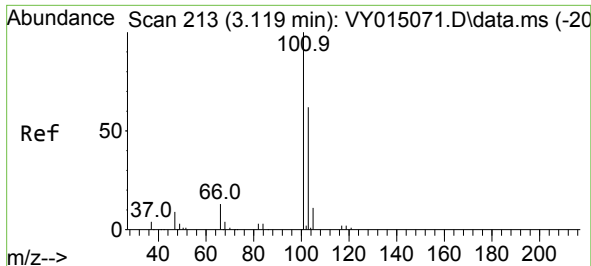
Tgt Ion: 94 Resp: 23404
Ion Ratio Lower Upper
94 100
96 99.8 75.8 113.6



#6
Chloroethane
Concen: 19.968 ug/l
RT: 2.777 min Scan# 157
Delta R.T. -0.007 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

Tgt Ion: 64 Resp: 21850
Ion Ratio Lower Upper
64 100
66 31.8 24.4 36.6

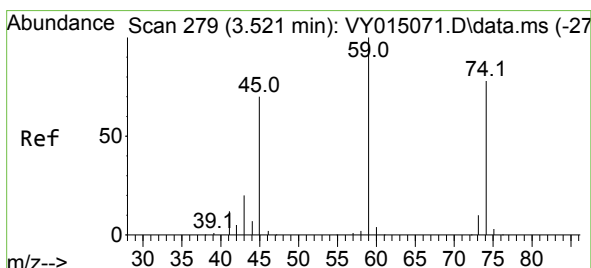
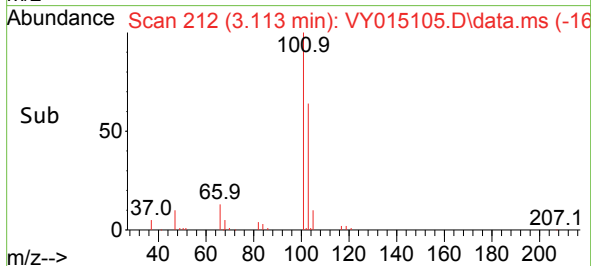
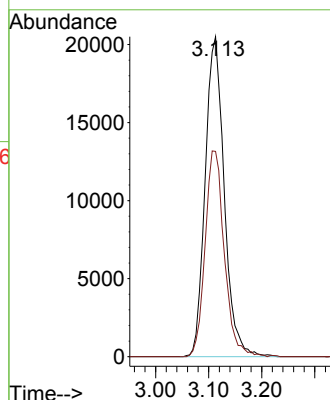
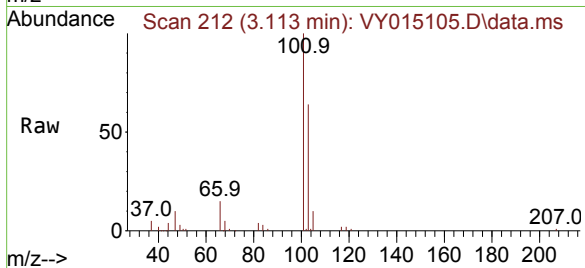




#7
 Trichlorofluoromethane
 Concen: 20.150 ug/l
 RT: 3.113 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VY015105.D
 Acq: 15 Aug 2023 15:53

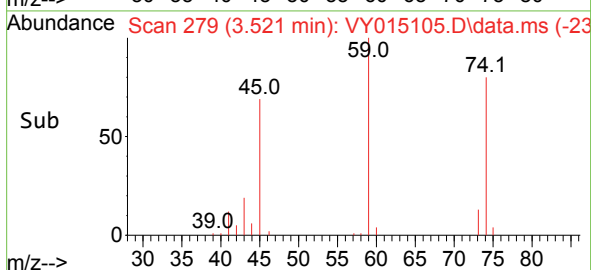
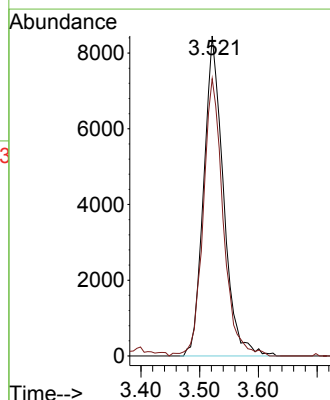
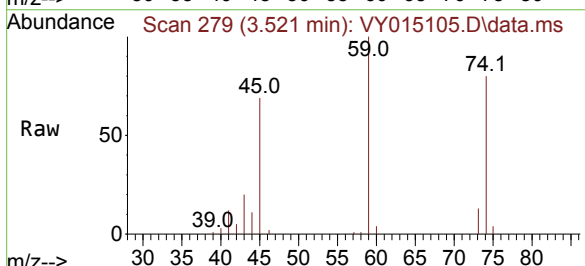
Instrument :
 MSVOA_Y
 ClientSampleId :

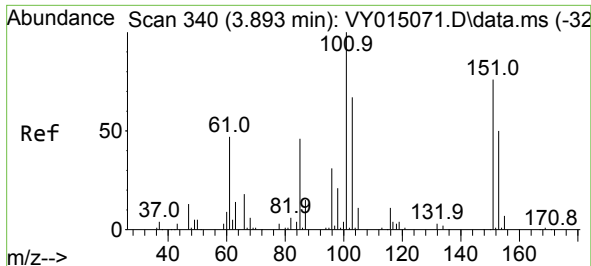
Tgt Ion:101 Resp: 51175
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 19.800 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VY015105.D
 Acq: 15 Aug 2023 15:53

Tgt Ion: 74 Resp: 19721
 Ion Ratio Lower Upper
 74 100
 45 87.7 51.5 154.5

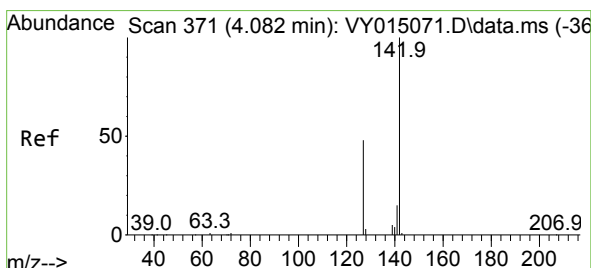
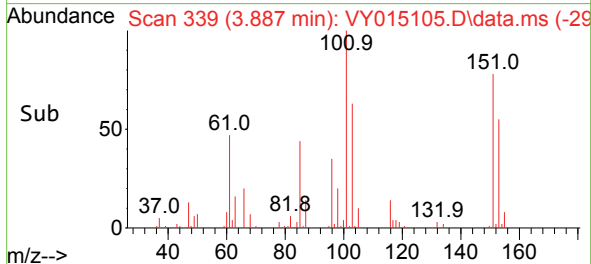
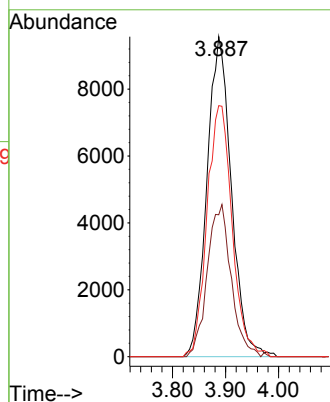
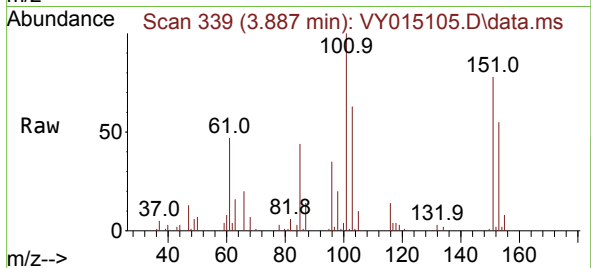




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.348 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

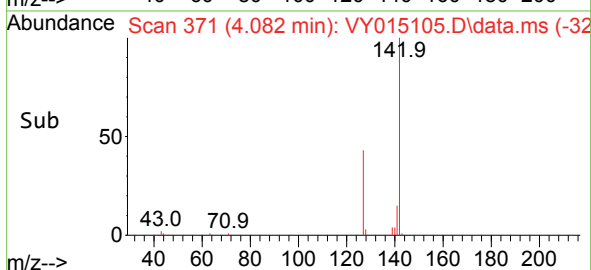
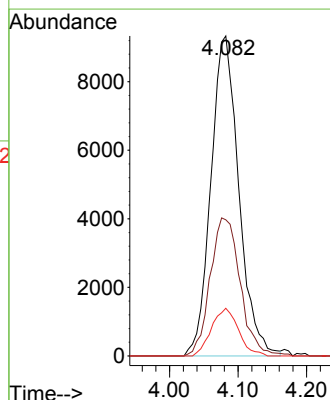
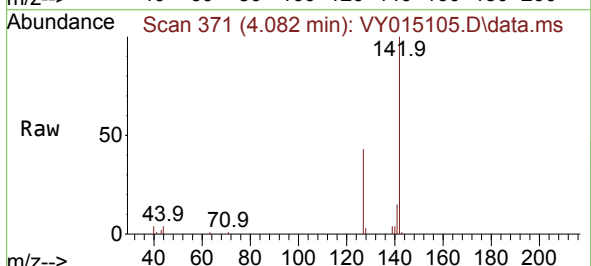
Instrument :
MSVOA_Y
ClientSampleId :

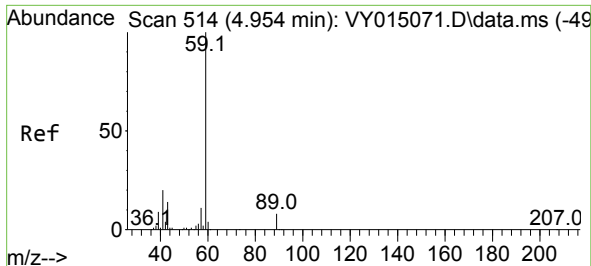
Tgt Ion:101 Resp: 30539
Ion Ratio Lower Upper
101 100
85 46.4 36.6 55.0
151 80.9 67.0 100.6



#10
Methyl Iodide
Concen: 17.044 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

Tgt Ion:142 Resp: 26416
Ion Ratio Lower Upper
142 100
127 46.4 37.6 56.4
141 14.4 11.8 17.8

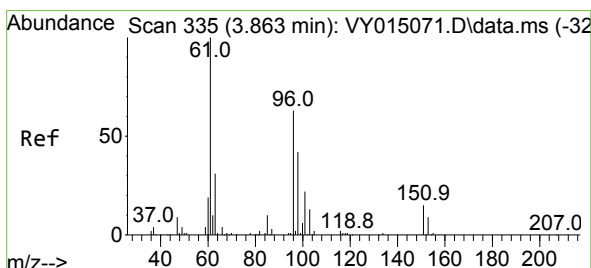
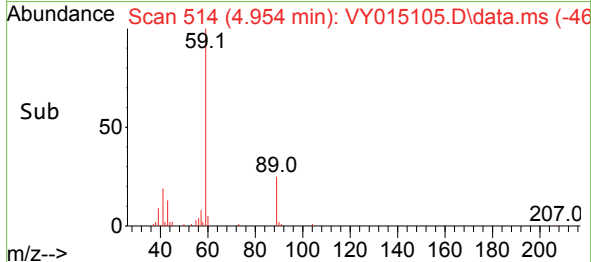
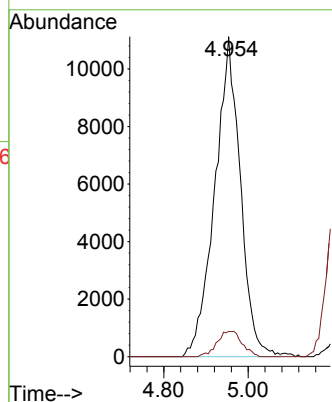
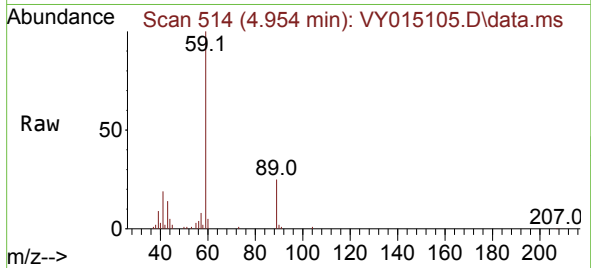




#11
Tert butyl alcohol
Concen: 116.074 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

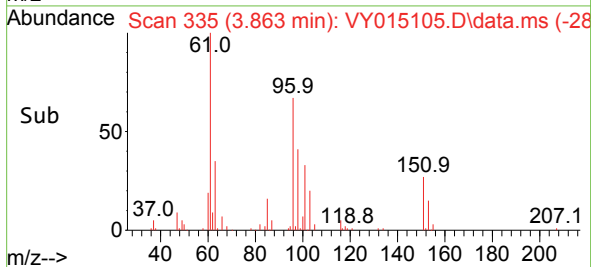
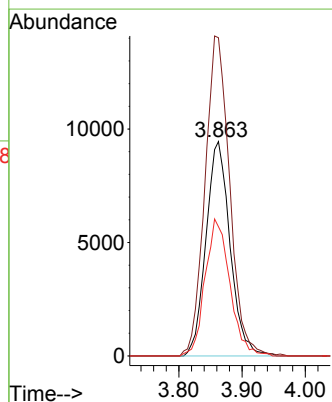
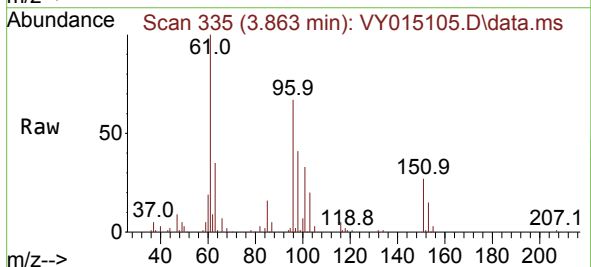
Instrument :
MSVOA_Y
ClientSampleId :

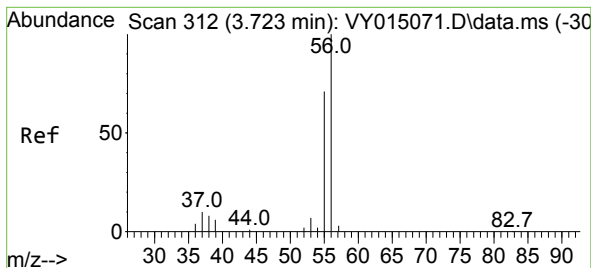
Tgt Ion: 59 Resp: 46700
Ion Ratio Lower Upper
59 100
57 7.8 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 18.973 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

Tgt Ion: 96 Resp: 25006
Ion Ratio Lower Upper
96 100
61 148.5 136.4 204.6
98 60.3 49.4 74.2





#13

Acrolein

Concen: 155.418 ug/l

RT: 3.722 min Scan# 312

Delta R.T. -0.001 min

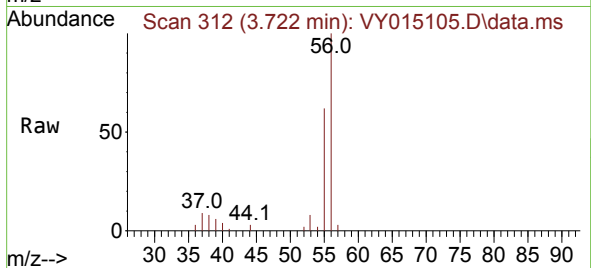
Lab File: VY015105.D

Acq: 15 Aug 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

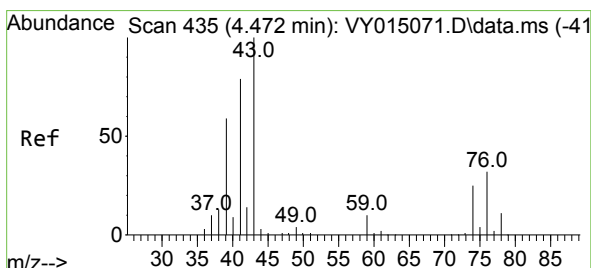
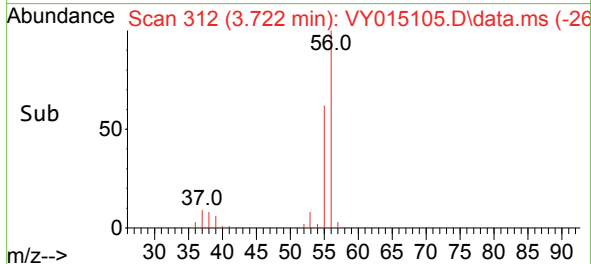
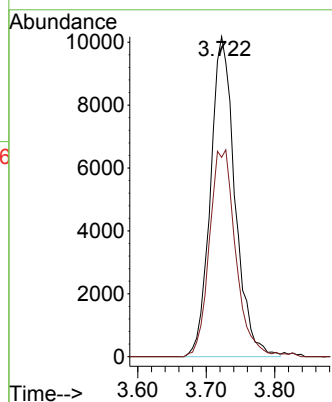


Tgt Ion: 56 Resp: 25345

Ion Ratio Lower Upper

56 100

55 69.7 57.0 85.4



#14

Allyl chloride

Concen: 18.321 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.000 min

Lab File: VY015105.D

Acq: 15 Aug 2023 15:53

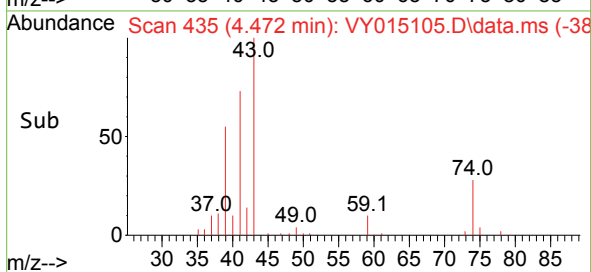
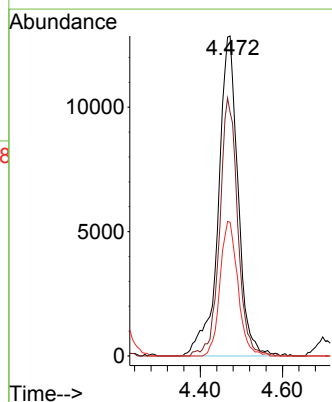
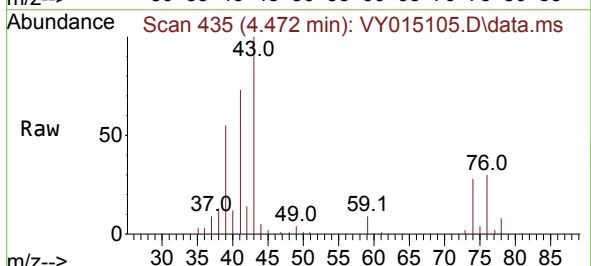
Tgt Ion: 41 Resp: 42813

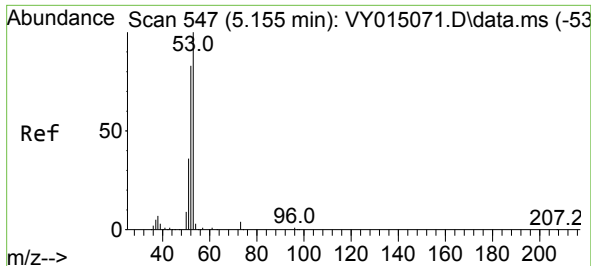
Ion Ratio Lower Upper

41 100

39 73.6 58.0 87.0

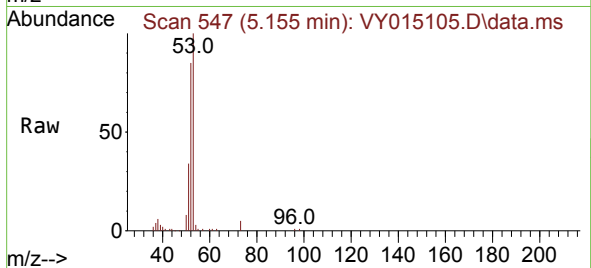
76 38.1 27.4 41.2



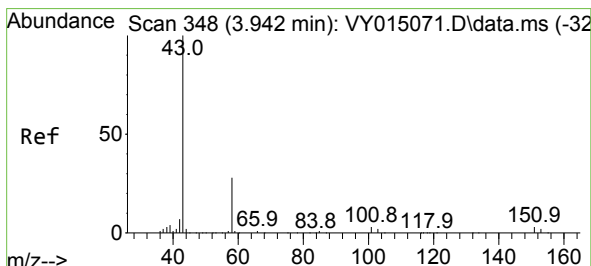
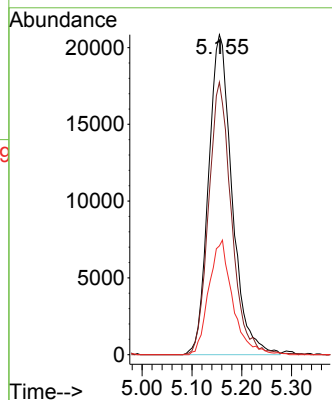
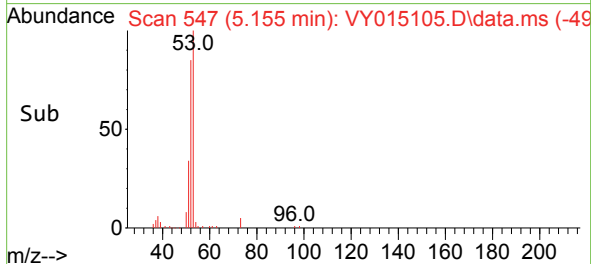


#15
Acrylonitrile
Concen: 101.419 ug/l
RT: 5.155 min Scan# 547
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

Instrument :
MSVOA_Y
ClientSampleId :

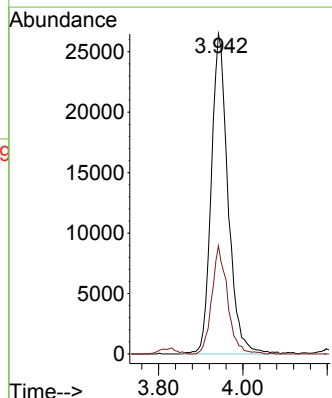
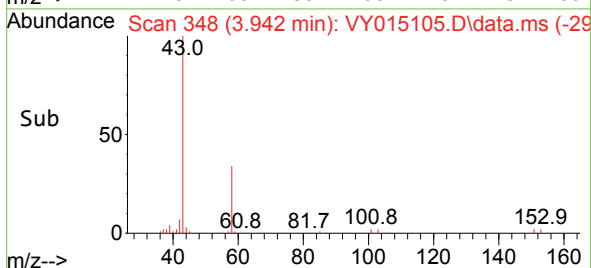
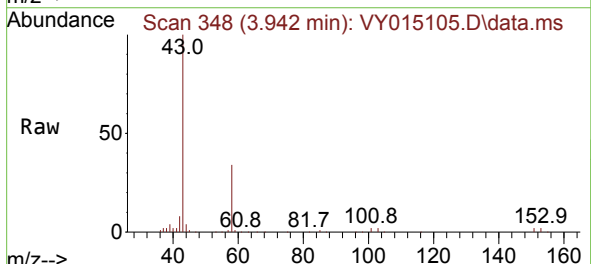


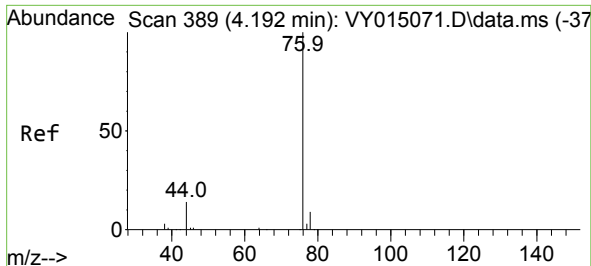
Tgt Ion: 53 Resp: 68456
Ion Ratio Lower Upper
53 100
52 82.6 66.9 100.3
51 36.3 29.8 44.6



#16
Acetone
Concen: 98.496 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

Tgt Ion: 43 Resp: 73161
Ion Ratio Lower Upper
43 100
58 33.8 22.7 34.1





#17

Carbon Disulfide

Concen: 16.923 ug/l

RT: 4.186 min Scan# 388

Delta R.T. -0.000 min

Lab File: VY015105.D

Acq: 15 Aug 2023 15:53

Instrument :

MSVOA_Y

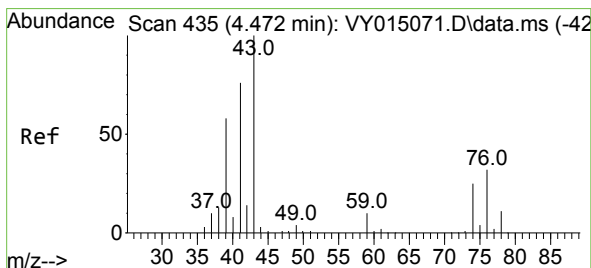
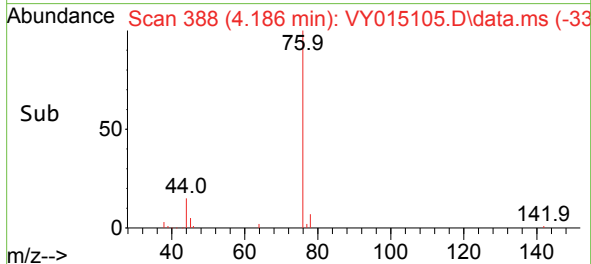
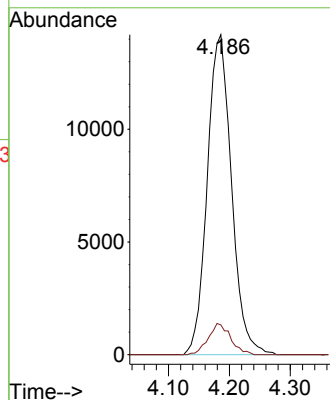
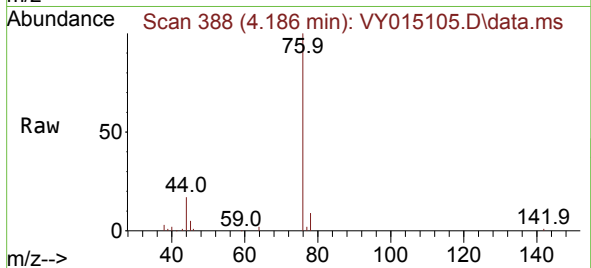
ClientSampleId :

Tgt Ion: 76 Resp: 39253

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.4



#18

Methyl Acetate

Concen: 19.861 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY015105.D

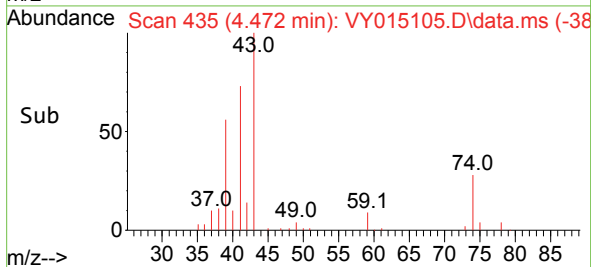
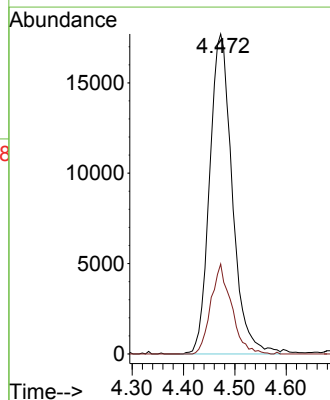
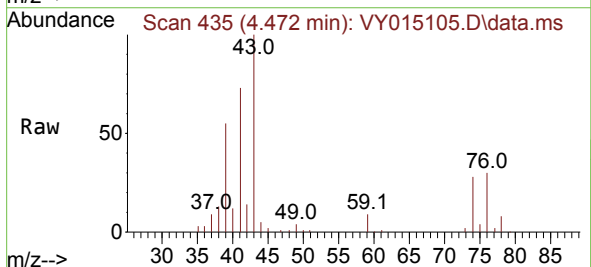
Acq: 15 Aug 2023 15:53

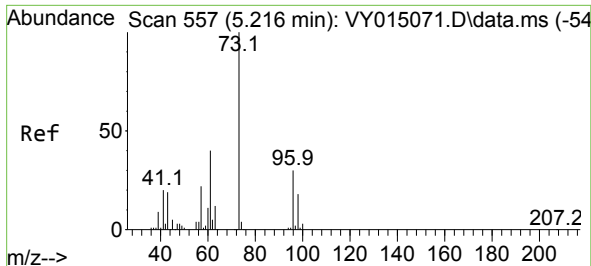
Tgt Ion: 43 Resp: 54062

Ion Ratio Lower Upper

43 100

74 25.6 17.4 26.0

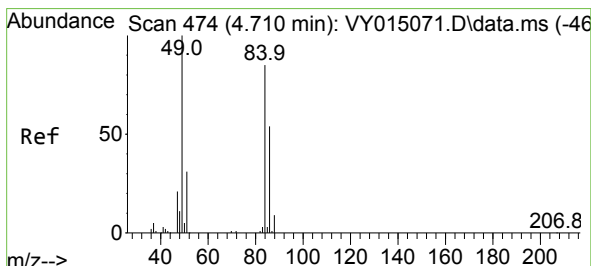
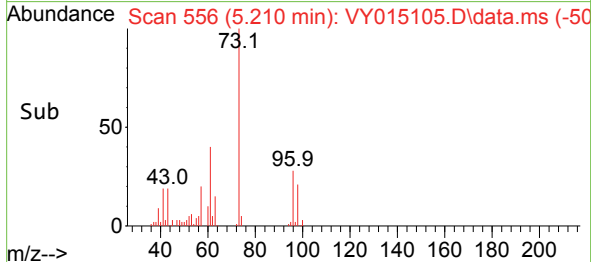
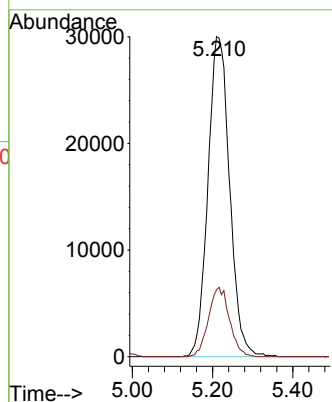
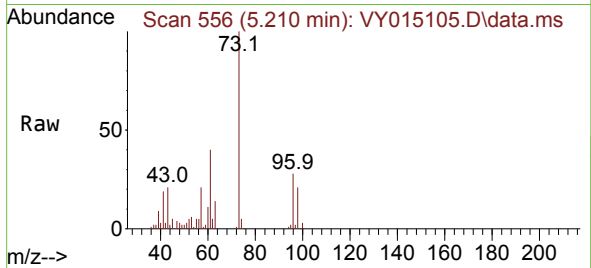




#19
Methyl tert-butyl Ether
Concen: 20.067 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

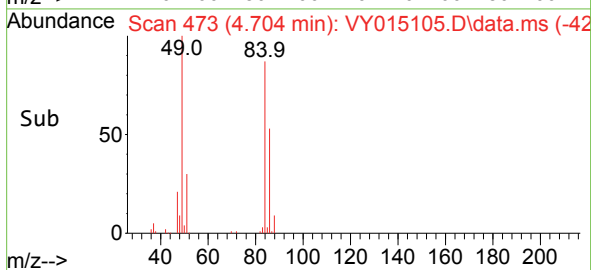
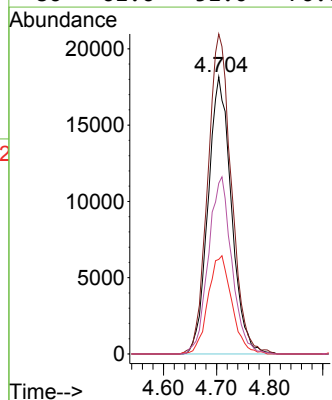
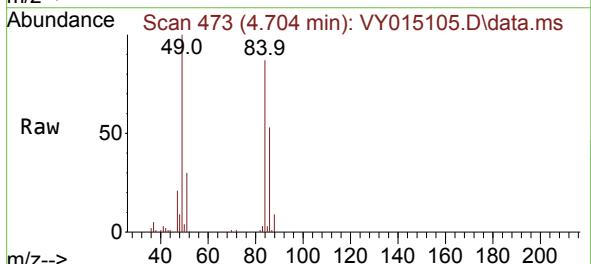
Instrument :
MSVOA_Y
ClientSampleId :

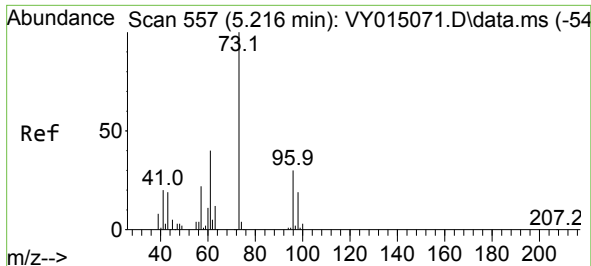
Tgt Ion: 73 Resp: 112458
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9



#20
Methylene Chloride
Concen: 29.348 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

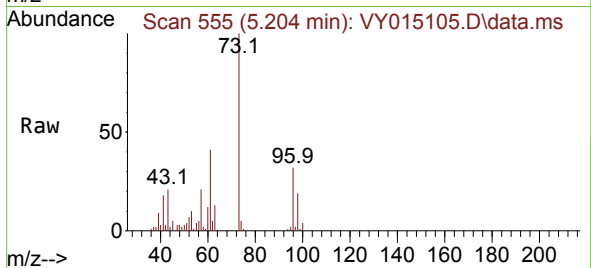
Tgt Ion: 84 Resp: 55445
Ion Ratio Lower Upper
84 100
49 115.5 106.9 160.3
51 34.1 33.2 49.8
86 61.6 51.0 76.6



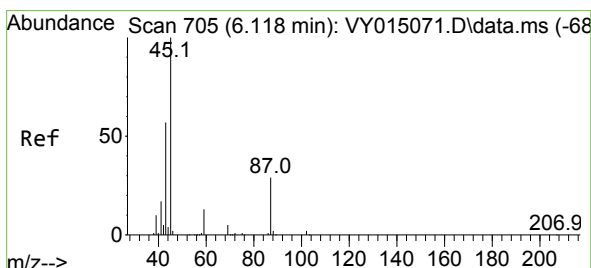
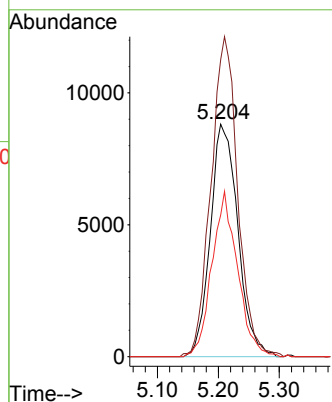
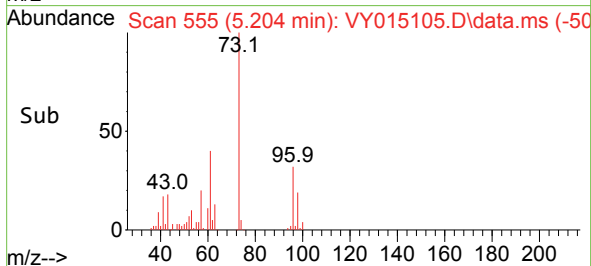


#21
trans-1,2-Dichloroethene
Concen: 18.602 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

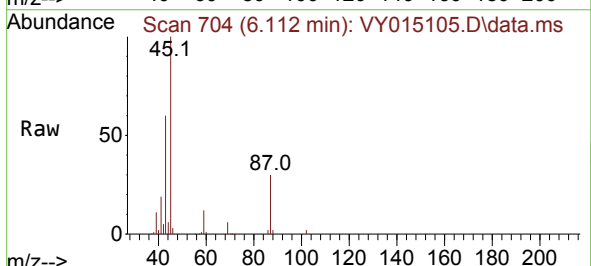
Instrument :
MSVOA_Y
ClientSampleId :



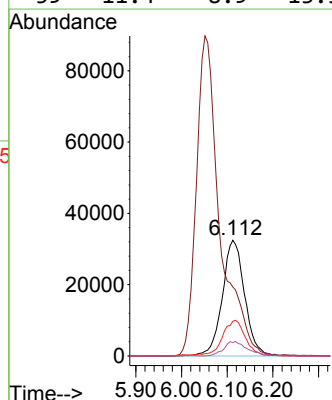
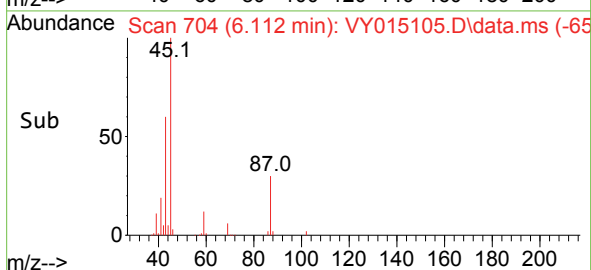
Tgt Ion: 96 Resp: 27655
Ion Ratio Lower Upper
96 100
61 127.7 110.2 165.4
98 60.9 51.8 77.6

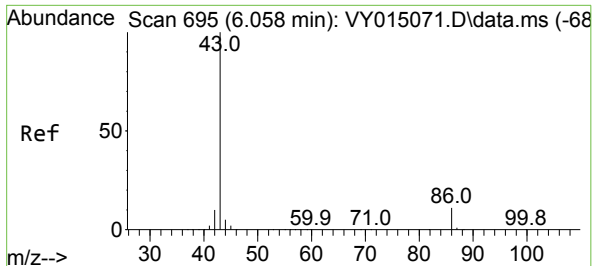


#22
Diisopropyl ether
Concen: 18.860 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53



Tgt Ion: 45 Resp: 109970
Ion Ratio Lower Upper
45 100
43 59.0 52.2 78.4
87 29.7 21.0 31.6
59 11.4 8.9 13.3

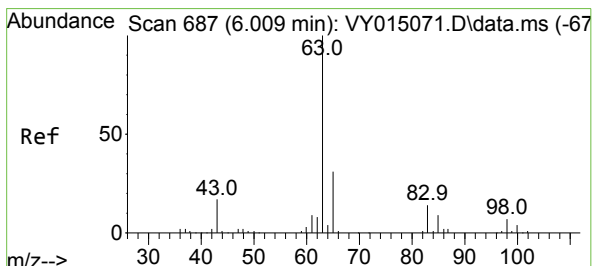
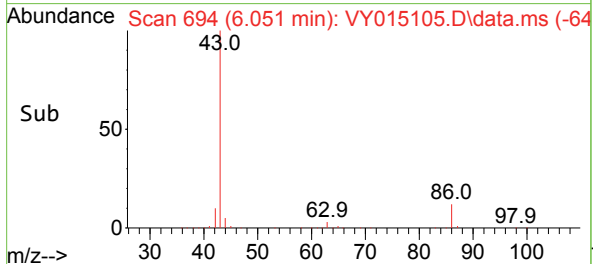
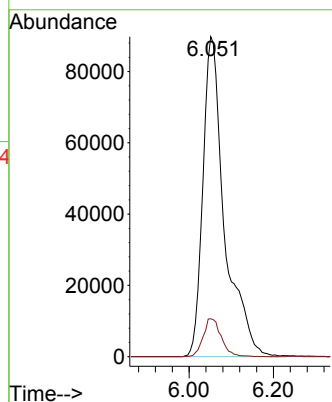
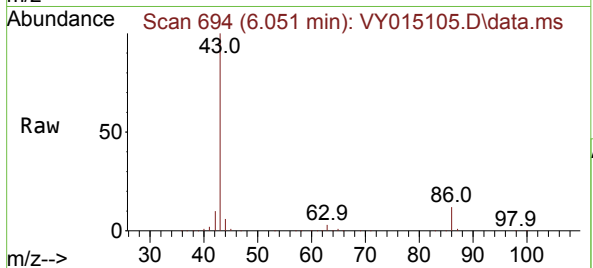




#23
 Vinyl Acetate
 Concen: 92.071 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VY015105.D
 Acq: 15 Aug 2023 15:53

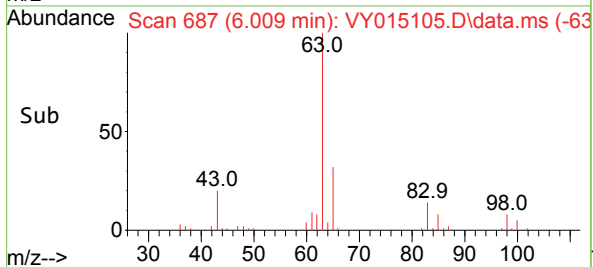
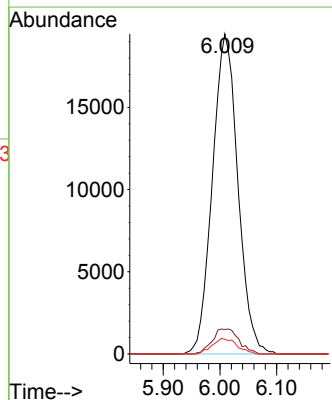
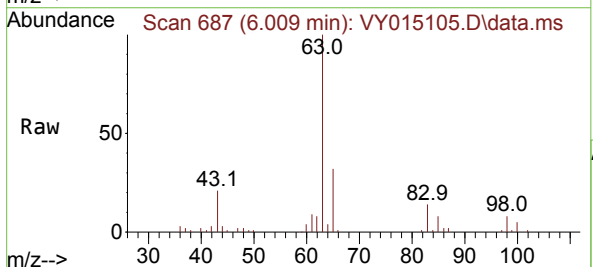
Instrument :
 MSVOA_Y
 ClientSampleId :

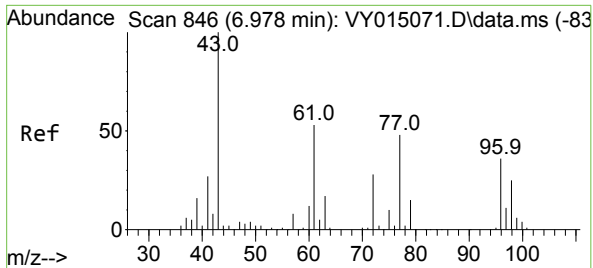
Tgt Ion: 43 Resp: 320335
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 19.195 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY015105.D
 Acq: 15 Aug 2023 15:53

Tgt Ion: 63 Resp: 60595
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.1 9.4
 100 4.6 1.8 5.5

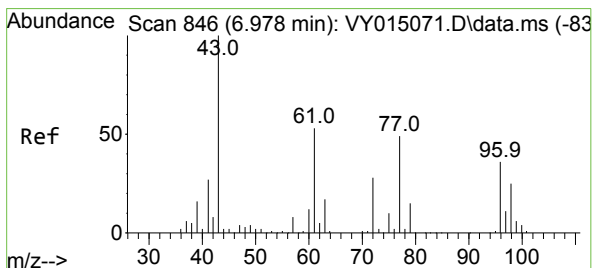
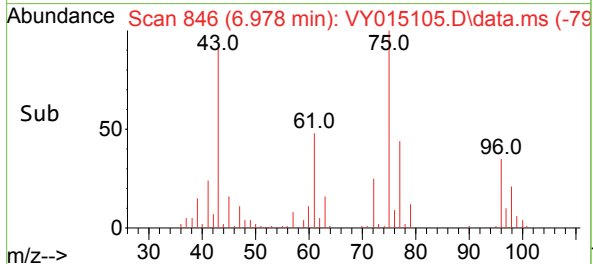
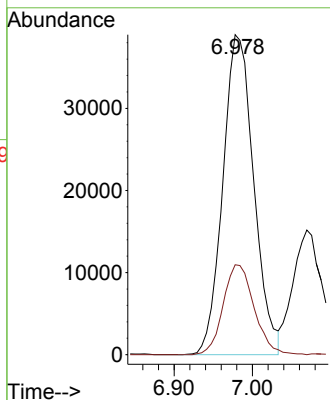
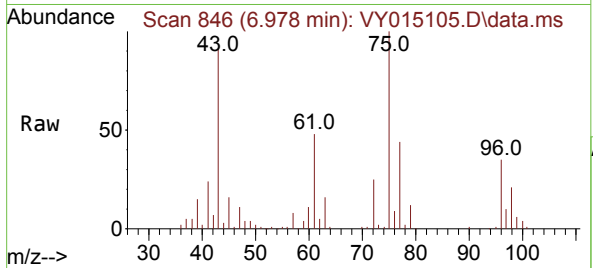




#25
2-Butanone
Concen: 101.687 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

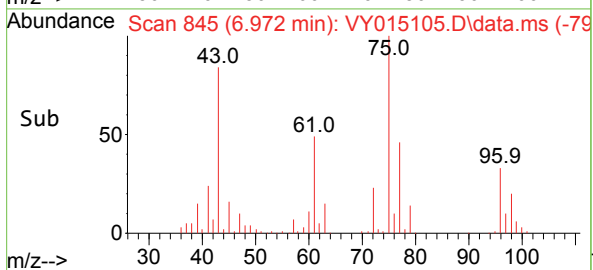
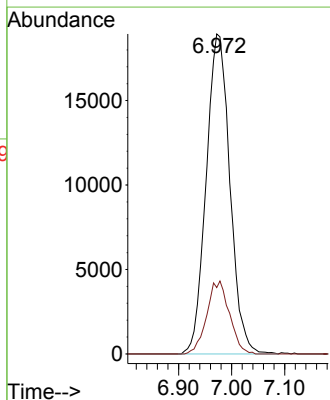
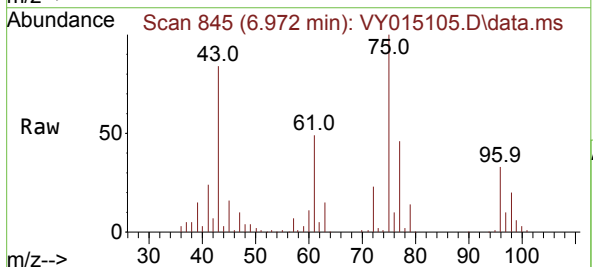
Instrument :
MSVOA_Y
ClientSampleId :

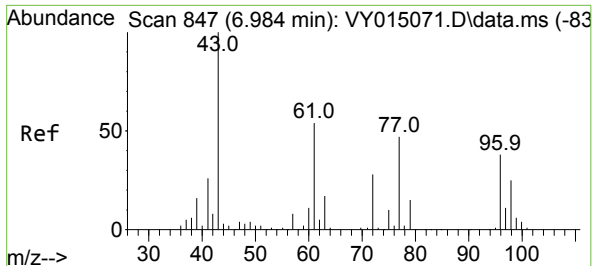
Tgt Ion: 43 Resp: 106944
Ion Ratio Lower Upper
43 100
72 28.1 20.5 30.7



#26
2,2-Dichloropropane
Concen: 19.355 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

Tgt Ion: 77 Resp: 58899
Ion Ratio Lower Upper
77 100
97 21.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.789 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY015105.D

Acq: 15 Aug 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

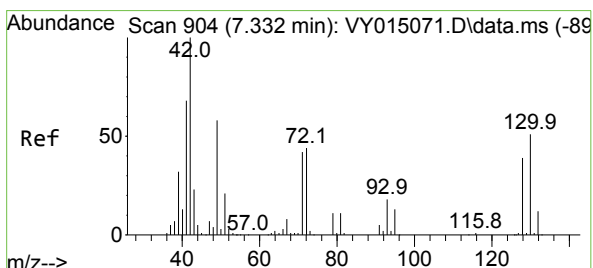
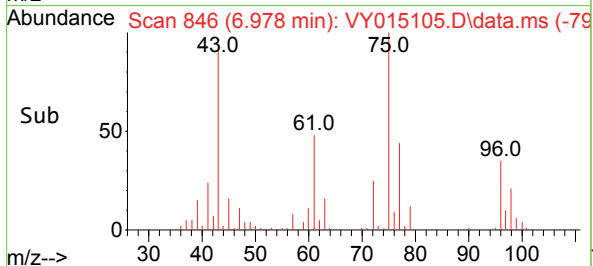
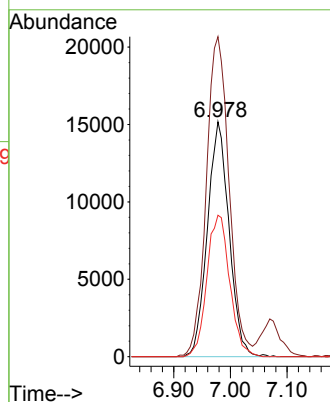
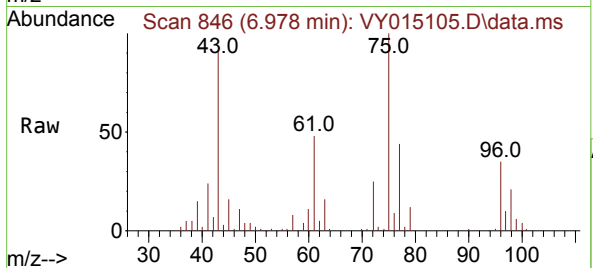
Tgt Ion: 96 Resp: 40189

Ion Ratio Lower Upper

96 100

61 143.5 0.0 301.4

98 63.6 0.0 130.4



#28

Bromochloromethane

Concen: 20.256 ug/l

RT: 7.325 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY015105.D

Acq: 15 Aug 2023 15:53

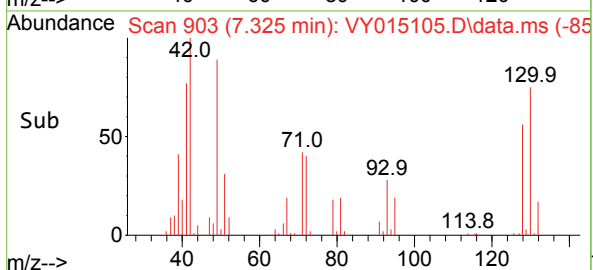
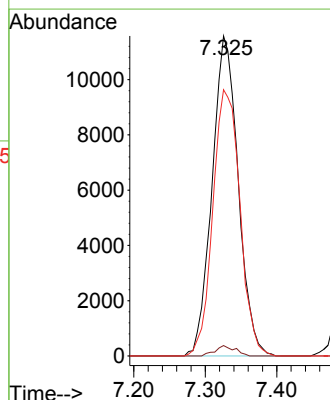
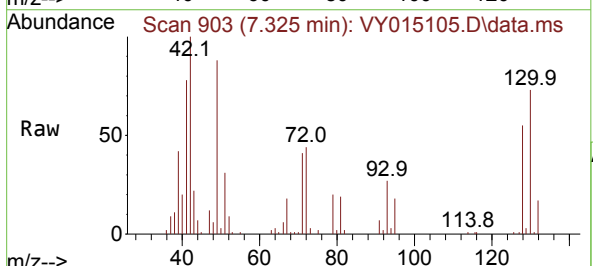
Tgt Ion: 49 Resp: 29378

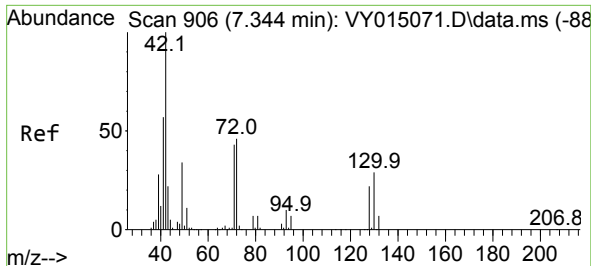
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 86.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 97.920 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

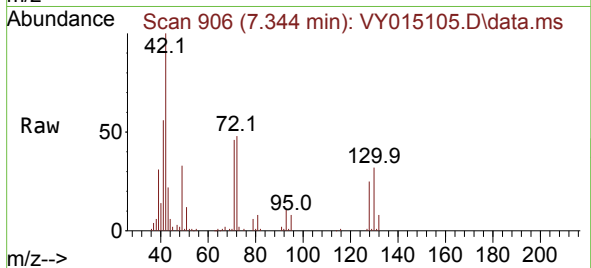
Lab File: VY015105.D

Acq: 15 Aug 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :



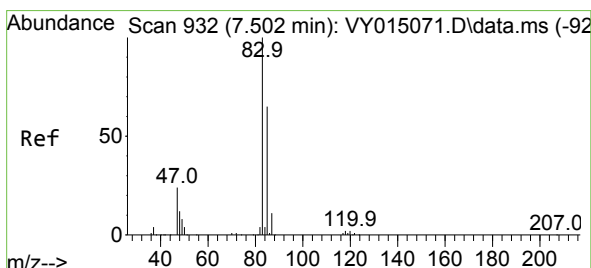
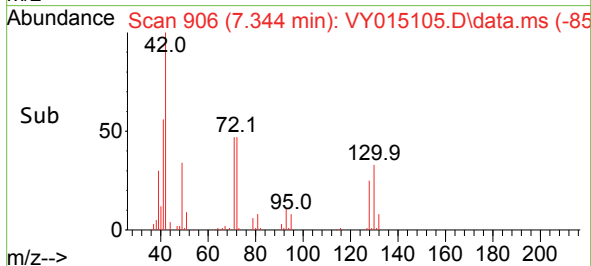
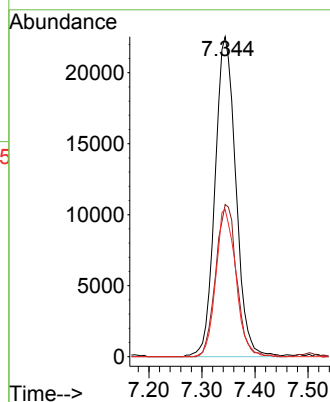
Tgt Ion: 42 Resp: 61578

Ion Ratio Lower Upper

42 100

72 47.6 32.8 49.2

71 44.4 31.0 46.4



#30

Chloroform

Concen: 19.735 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY015105.D

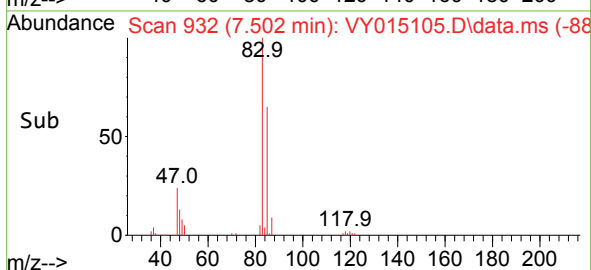
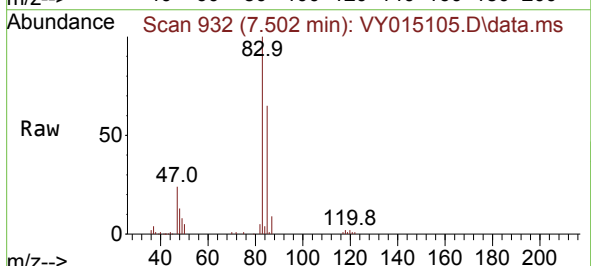
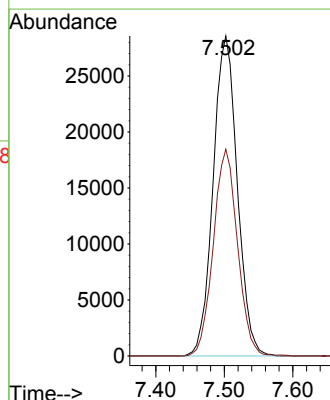
Acq: 15 Aug 2023 15:53

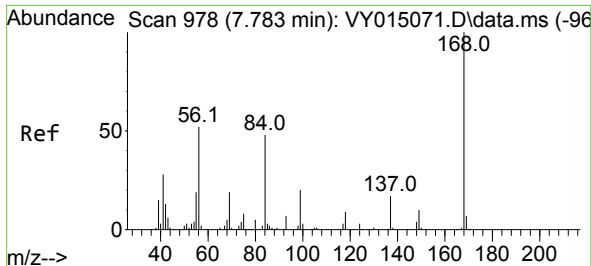
Tgt Ion: 83 Resp: 69838

Ion Ratio Lower Upper

83 100

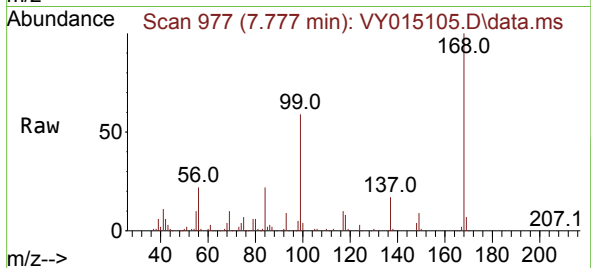
85 64.6 49.7 74.5



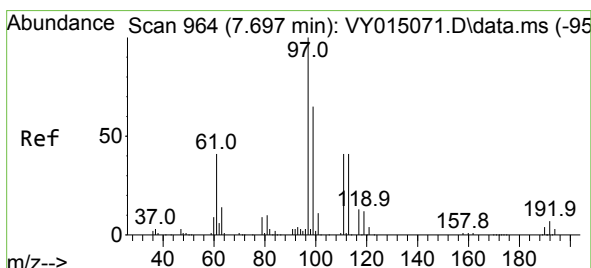
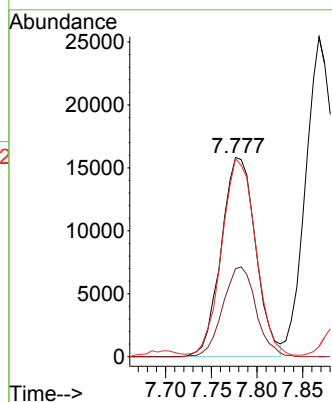
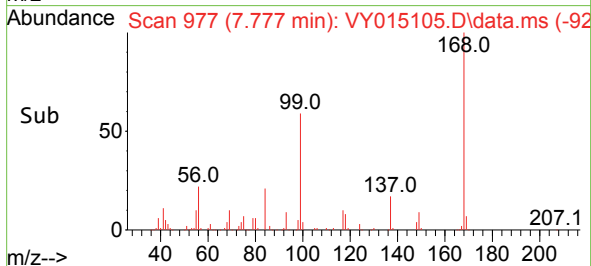


#31
Cyclohexane
Concen: 18.838 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

Instrument :
MSVOA_Y
ClientSampleId :

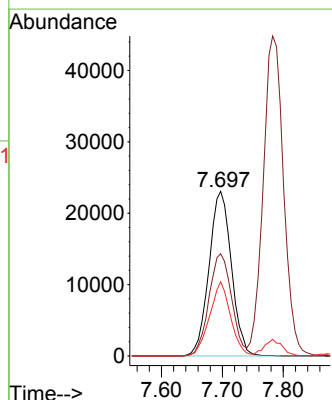
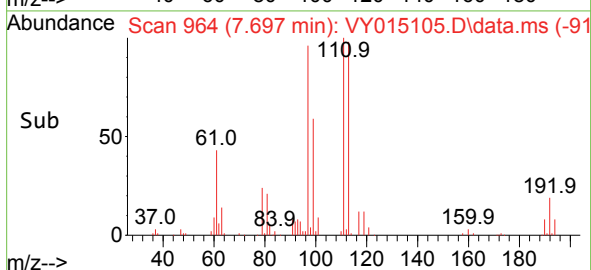
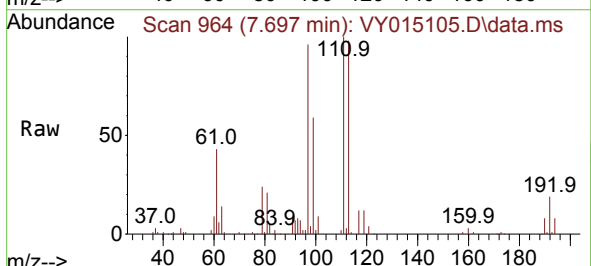


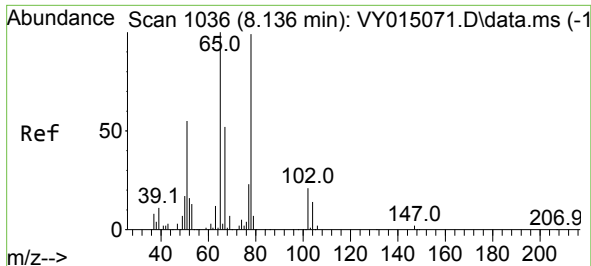
Tgt Ion: 56 Resp: 41490
Ion Ratio Lower Upper
56 100
69 44.1 27.8 41.6#
84 97.9 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 19.551 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

Tgt Ion: 97 Resp: 58876
Ion Ratio Lower Upper
97 100
99 63.1 50.8 76.2
61 42.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 43.674 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY015105.D

Acq: 15 Aug 2023 15:53

Instrument :

MSVOA_Y

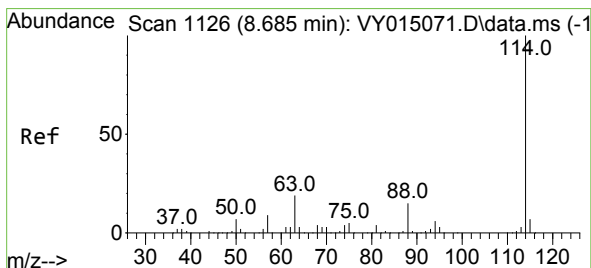
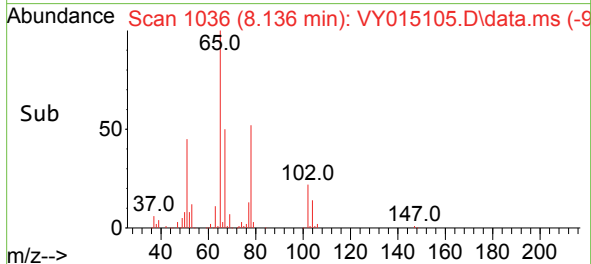
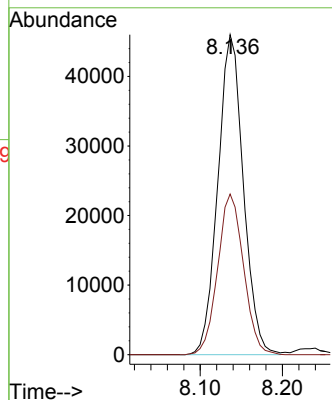
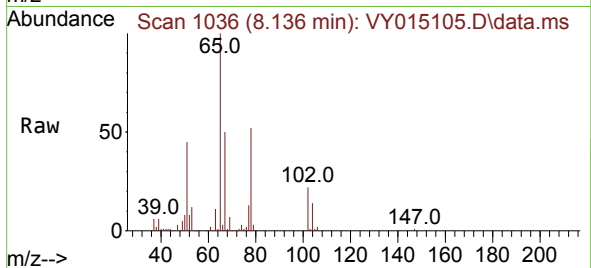
ClientSampleId :

Tgt Ion: 65 Resp: 99302

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY015105.D

Acq: 15 Aug 2023 15:53

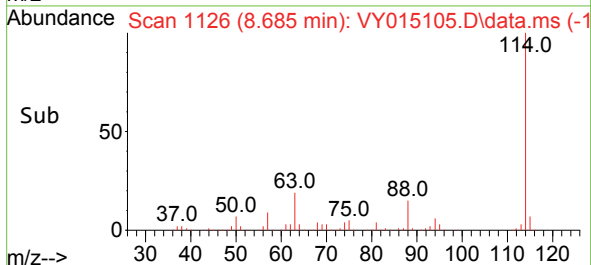
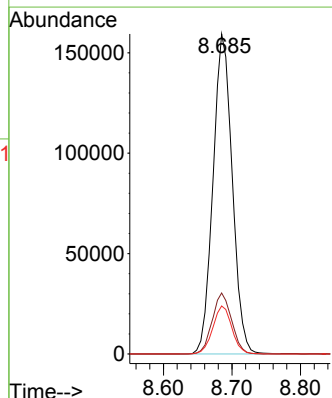
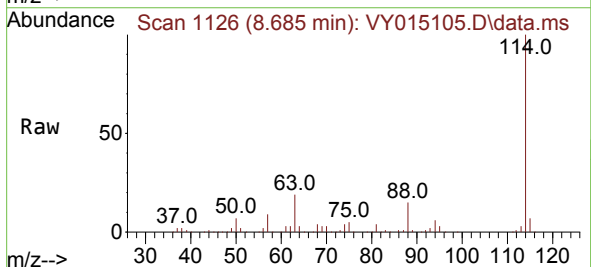
Tgt Ion: 114 Resp: 310217

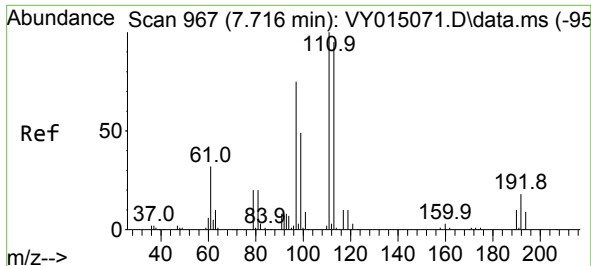
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.0 0.0 30.6

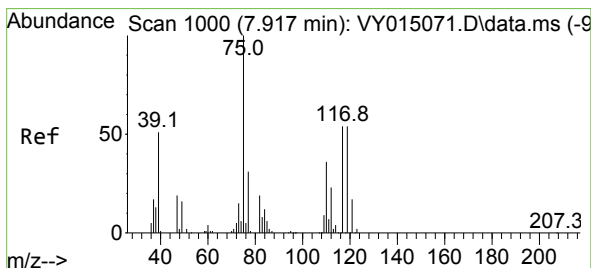
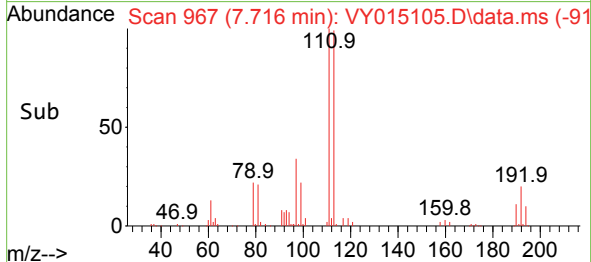
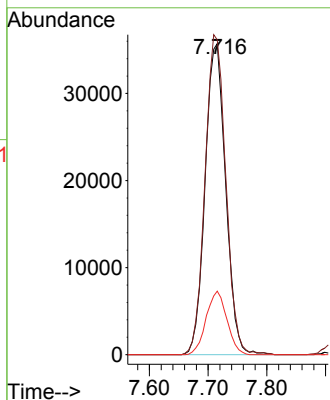
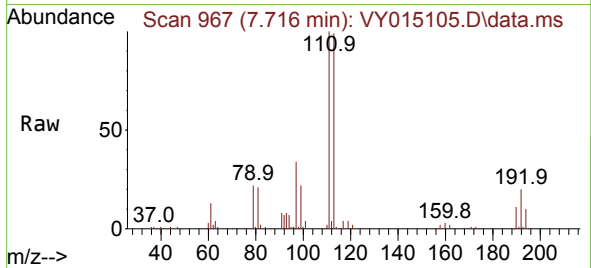




#35
Dibromofluoromethane
Concen: 43.595 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

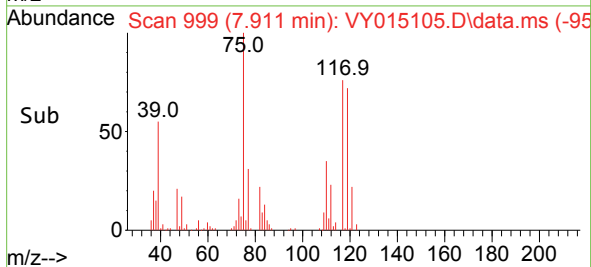
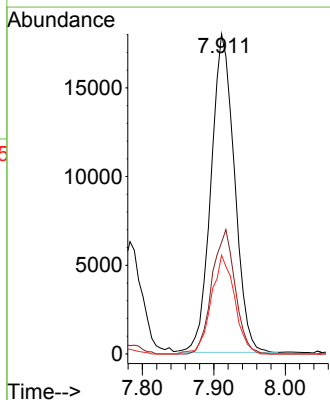
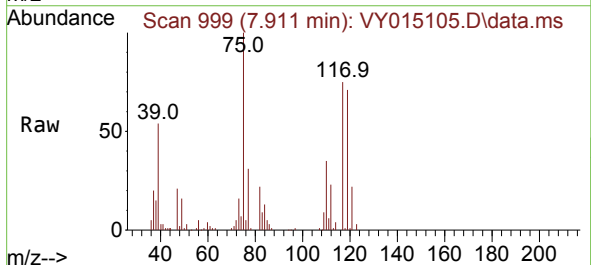
Instrument :
MSVOA_Y
ClientSampleId :

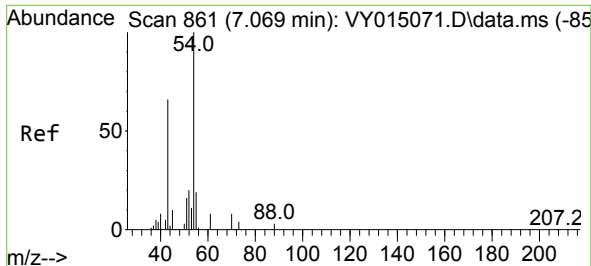
Tgt Ion:113 Resp: 87003
Ion Ratio Lower Upper
113 100
111 103.9 81.3 121.9
192 20.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 18.535 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

Tgt Ion: 75 Resp: 40924
Ion Ratio Lower Upper
75 100
110 38.5 17.8 53.5
77 30.9 24.4 36.6

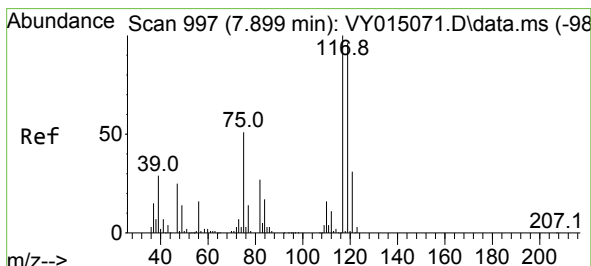
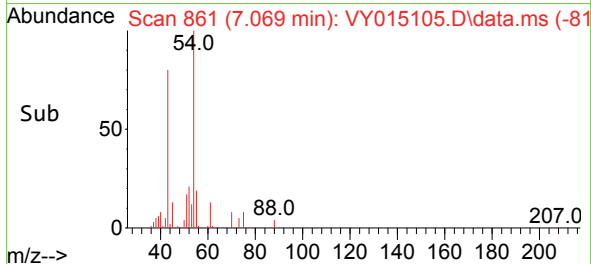
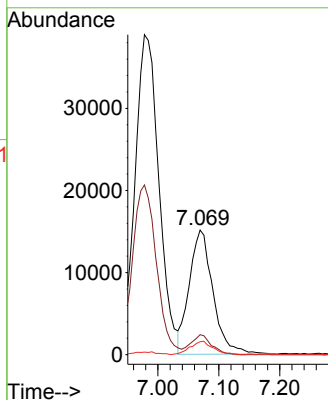
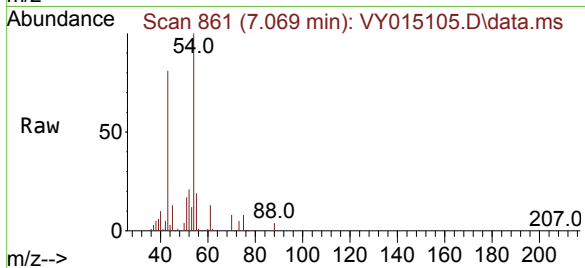




#37
Ethyl Acetate
Concen: 19.821 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

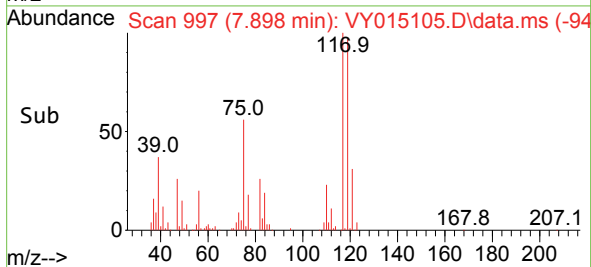
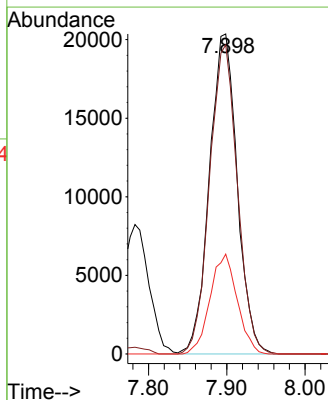
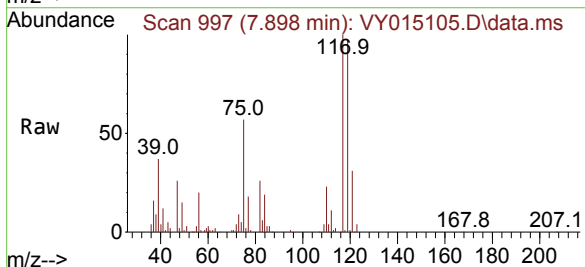
Instrument :
MSVOA_Y
ClientSampleId :

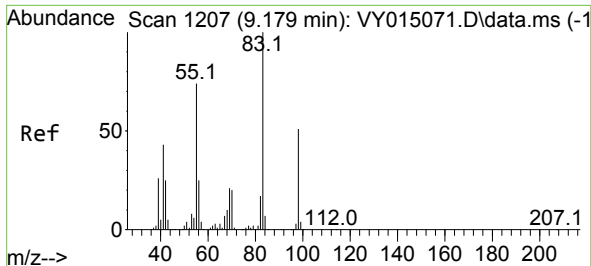
Tgt Ion: 43 Resp: 40793
Ion Ratio Lower Upper
43 100
61 14.0 10.1 15.1
70 10.4 7.1 10.7



#38
Carbon Tetrachloride
Concen: 19.217 ug/l
RT: 7.898 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

Tgt Ion: 117 Resp: 50214
Ion Ratio Lower Upper
117 100
119 96.6 76.4 114.6
121 31.2 25.8 38.6





#39

Methylcyclohexane

Concen: 18.963 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

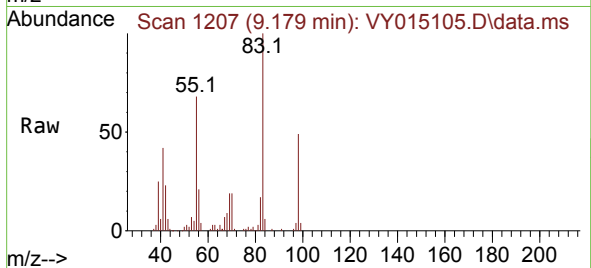
Lab File: VY015105.D

Acq: 15 Aug 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :



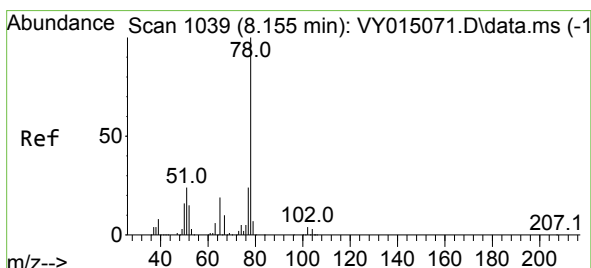
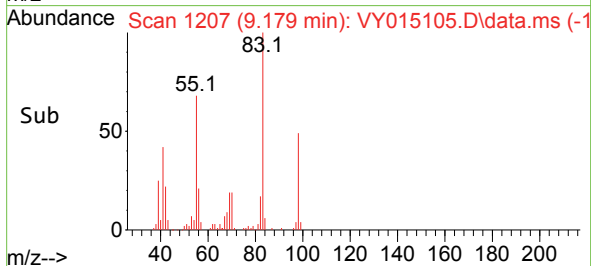
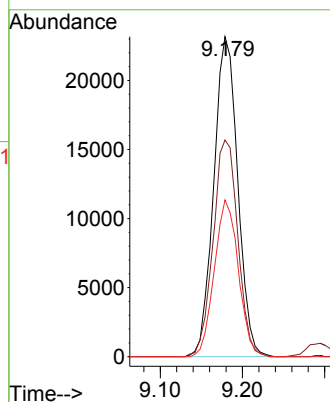
Tgt Ion: 83 Resp: 46937

Ion Ratio Lower Upper

83 100

55 67.7 63.0 94.4

98 49.0 37.4 56.2



#40

Benzene

Concen: 19.435 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY015105.D

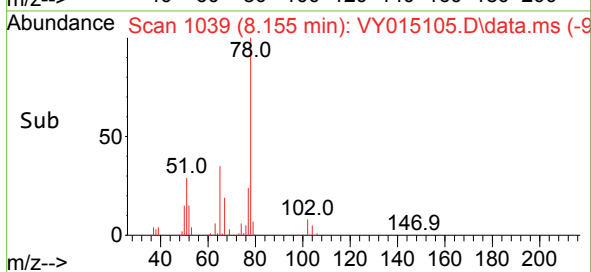
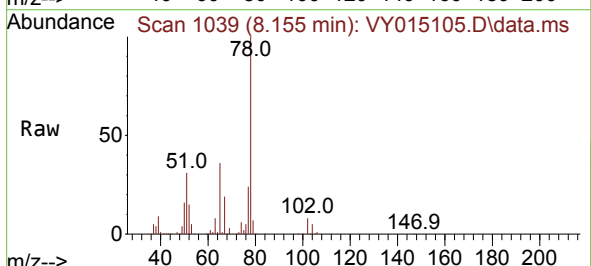
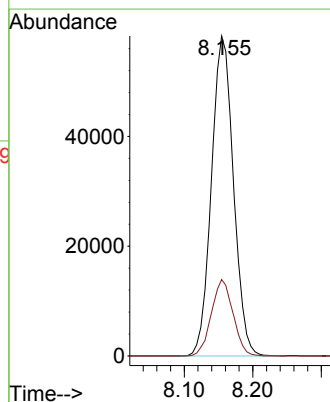
Acq: 15 Aug 2023 15:53

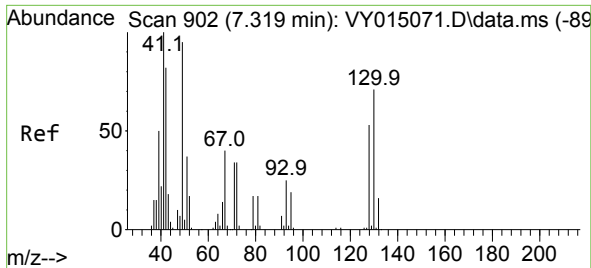
Tgt Ion: 78 Resp: 129735

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6

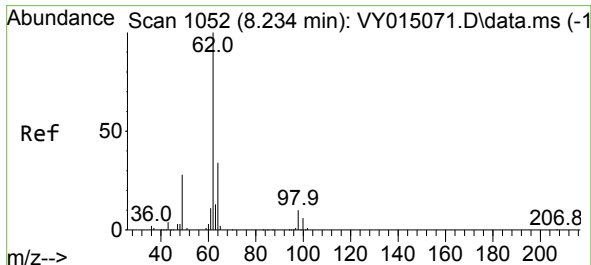
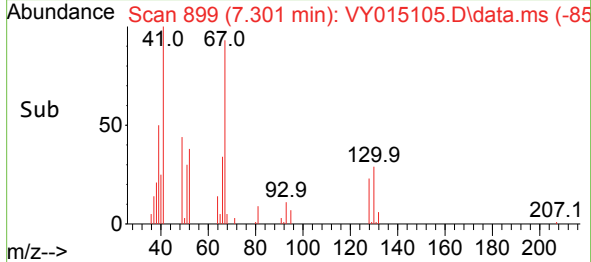
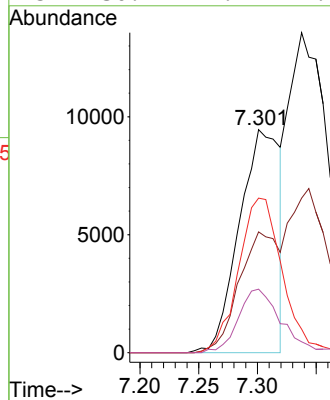
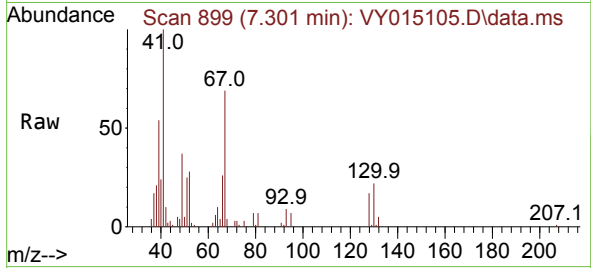




#41
Methacrylonitrile
Concen: 21.364 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

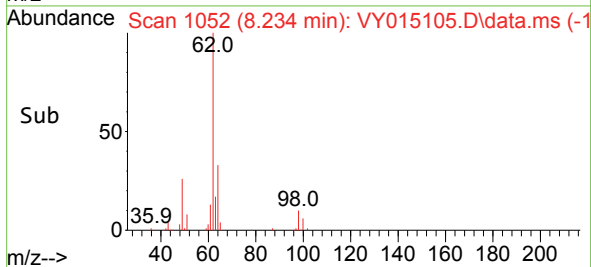
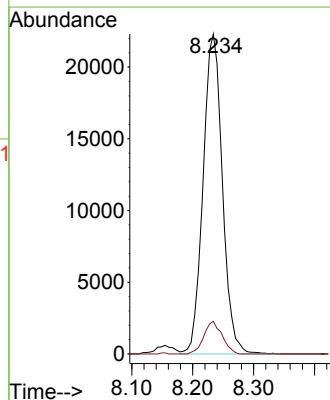
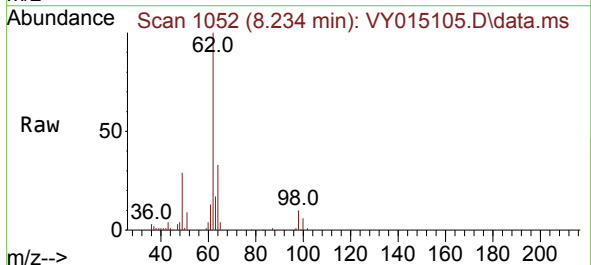
Instrument :
MSVOA_Y
ClientSampleId :

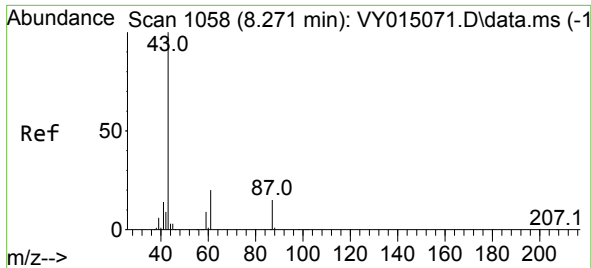
Tgt Ion:	41	Resp:	22672
Ion	Ratio	Lower	Upper
41	100		
39	53.3	52.1	78.1
67	74.6	66.2	99.2
52	30.1	29.9	44.9



#42
1,2-Dichloroethane
Concen: 20.261 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

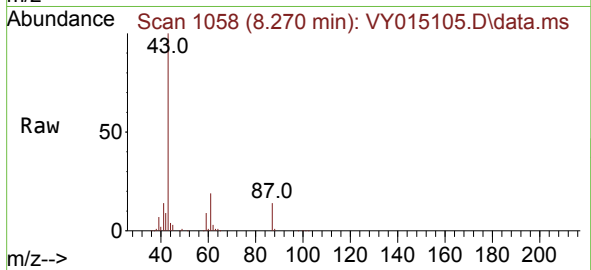
Tgt Ion:	62	Resp:	49118
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	15.8



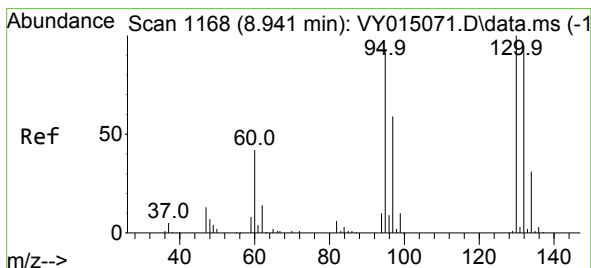
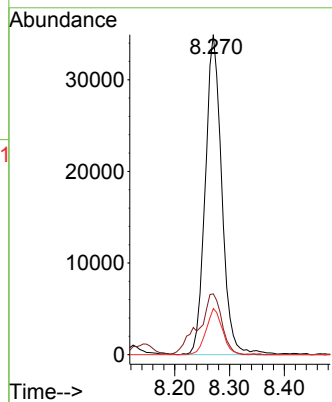
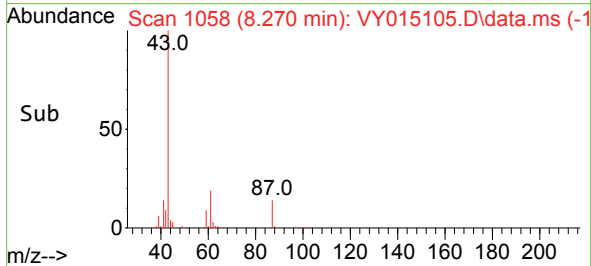


#43
Isopropyl Acetate
Concen: 19.434 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

Instrument :
MSVOA_Y
ClientSampleId :

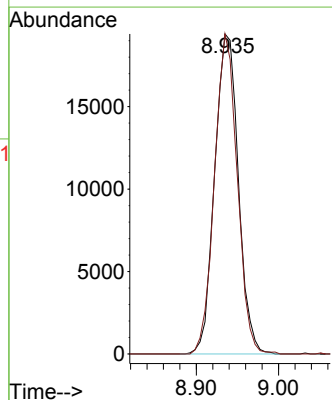
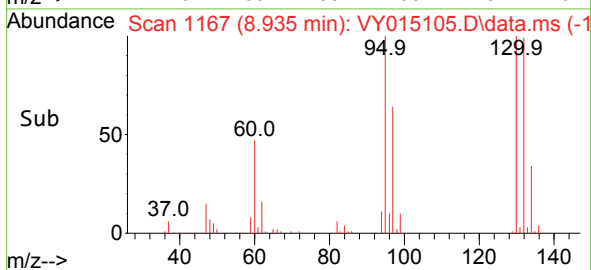
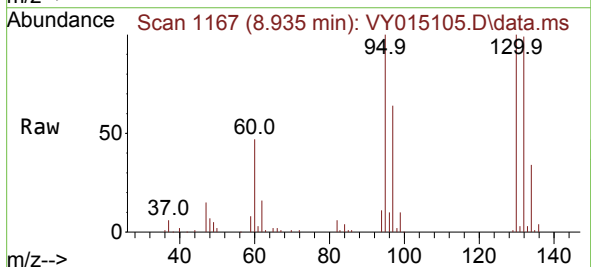


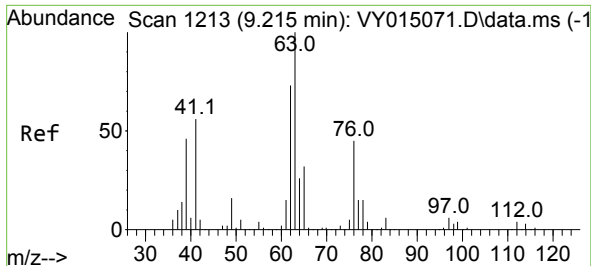
Tgt Ion: 43 Resp: 72835
Ion Ratio Lower Upper
43 100
61 26.6 21.1 31.7
87 14.3 9.8 14.8



#44
Trichloroethene
Concen: 20.170 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

Tgt Ion:130 Resp: 38790
Ion Ratio Lower Upper
130 100
95 100.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.566 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY015105.D

Acq: 15 Aug 2023 15:53

Instrument :

MSVOA_Y

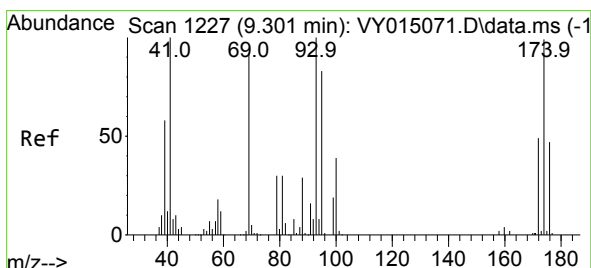
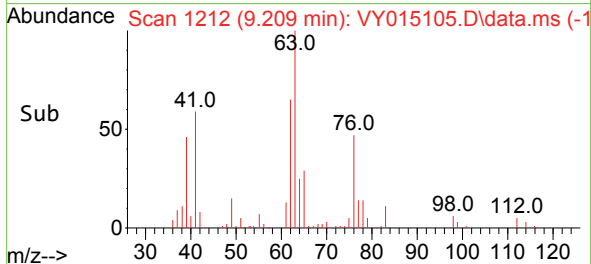
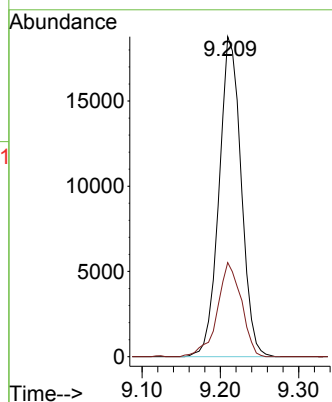
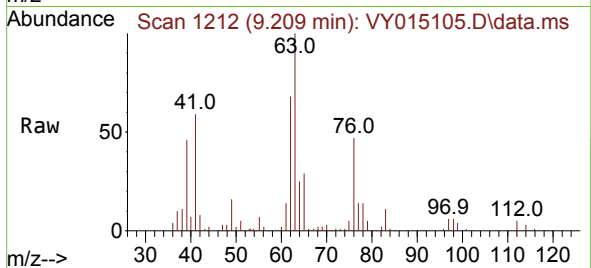
ClientSampleId :

Tgt Ion: 63 Resp: 36830

Ion Ratio Lower Upper

63 100

65 29.4 23.8 35.6



#46

Dibromomethane

Concen: 20.735 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY015105.D

Acq: 15 Aug 2023 15:53

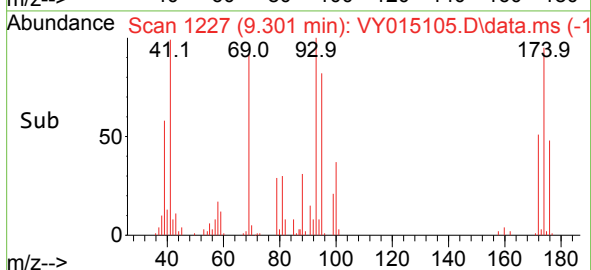
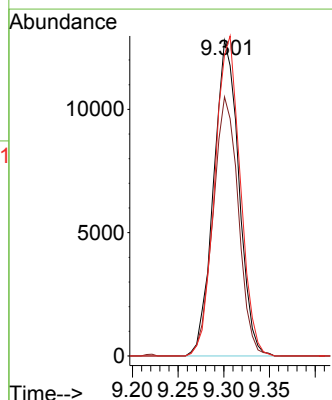
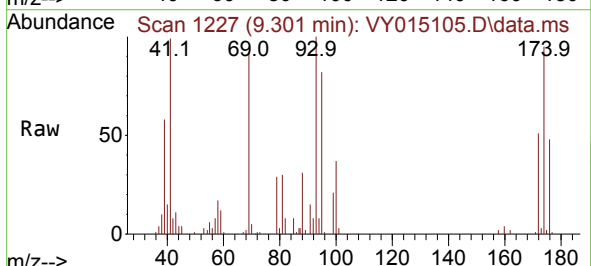
Tgt Ion: 93 Resp: 24616

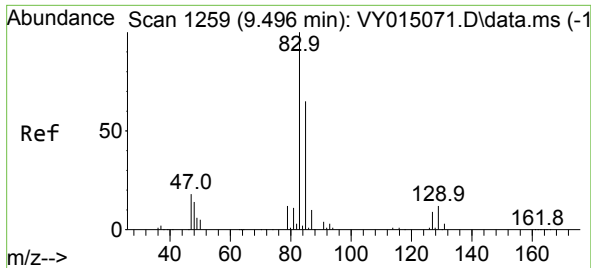
Ion Ratio Lower Upper

93 100

95 82.0 66.6 100.0

174 101.7 84.8 127.2

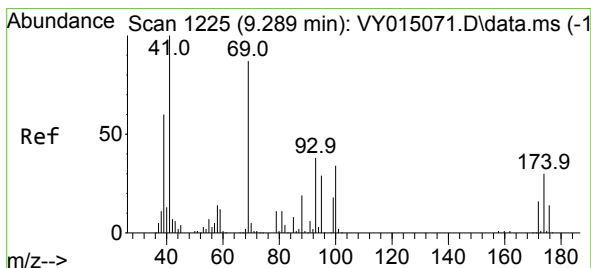
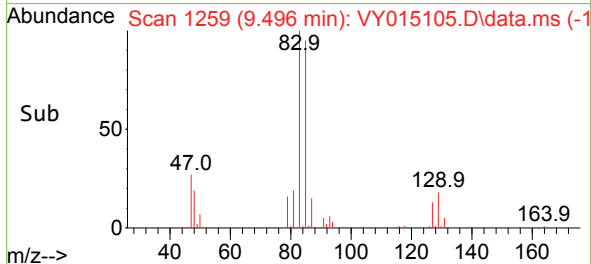
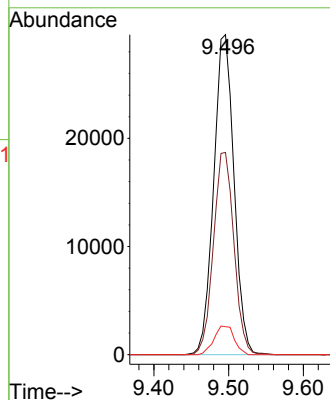
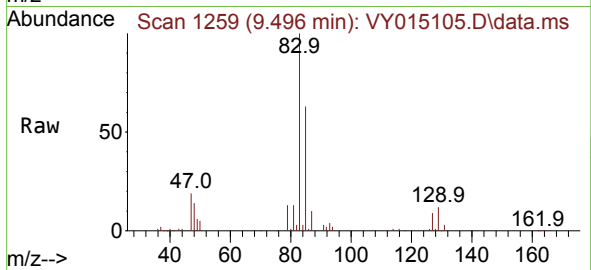




#47
Bromodichloromethane
Concen: 19.730 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

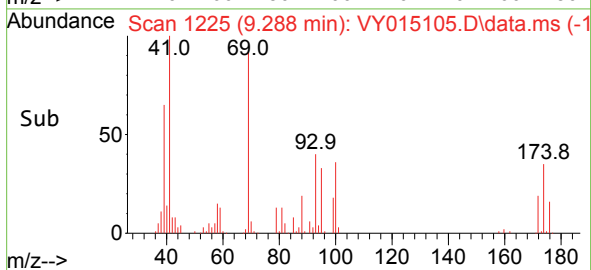
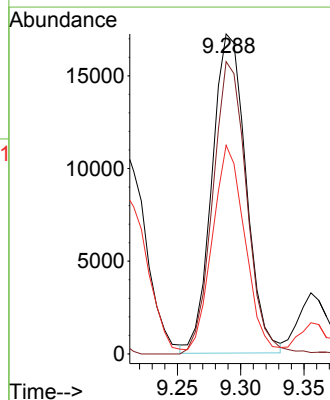
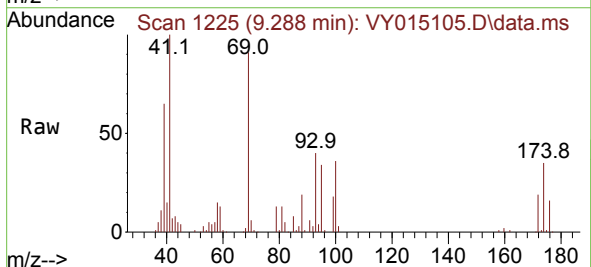
Instrument :
MSVOA_Y
ClientSampleId :

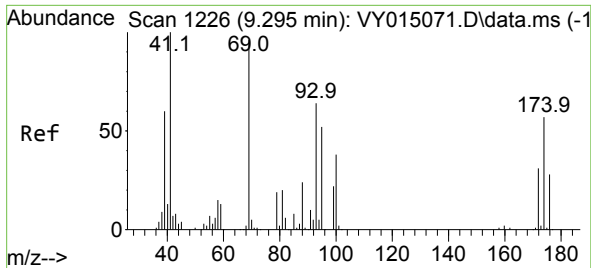
Tgt Ion: 83 Resp: 55895
Ion Ratio Lower Upper
83 100
85 63.2 50.1 75.1
127 8.8 7.1 10.7



#48
Methyl methacrylate
Concen: 20.157 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

Tgt Ion: 41 Resp: 32316
Ion Ratio Lower Upper
41 100
69 91.0 64.5 96.7
39 61.9 50.8 76.2

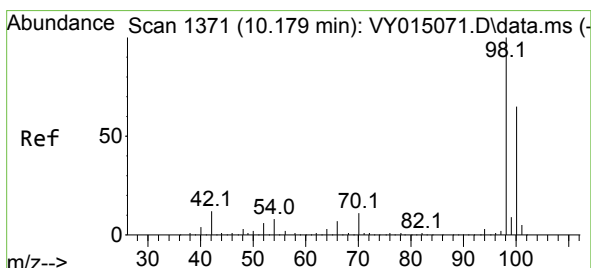
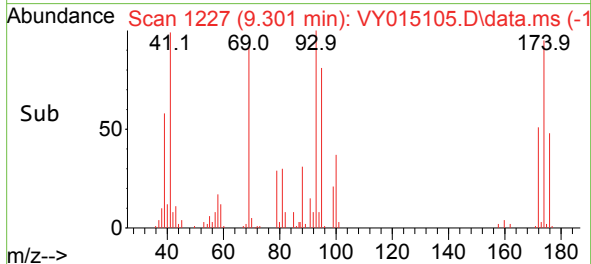
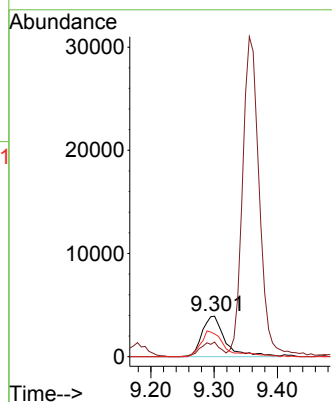
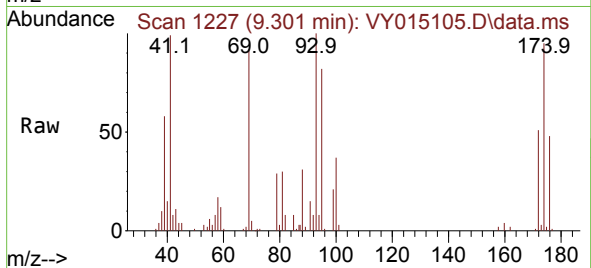




#49
1,4-Dioxane
Concen: 421.989 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

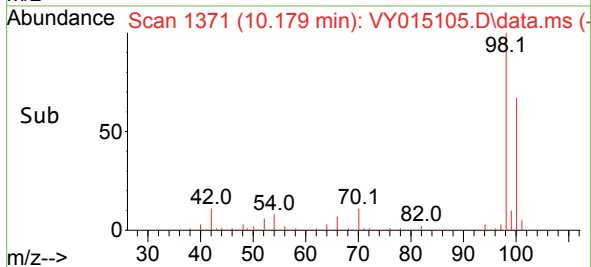
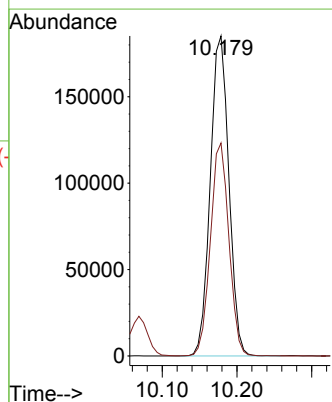
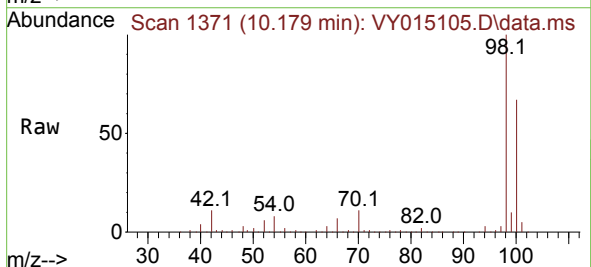
Instrument :
MSVOA_Y
ClientSampleId :

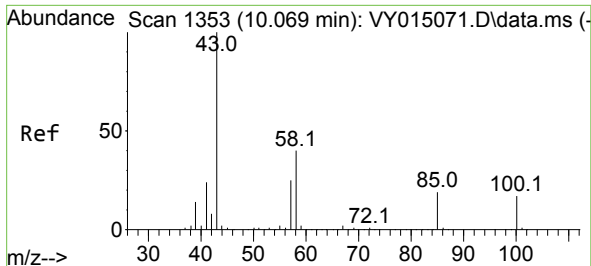
Tgt Ion: 88 Resp: 10018
Ion Ratio Lower Upper
88 100
43 30.6 0.0 0.0#
58 58.9 30.9 46.3#



#50
Toluene-d8
Concen: 43.032 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

Tgt Ion: 98 Resp: 319699
Ion Ratio Lower Upper
98 100
100 66.4 50.1 75.1

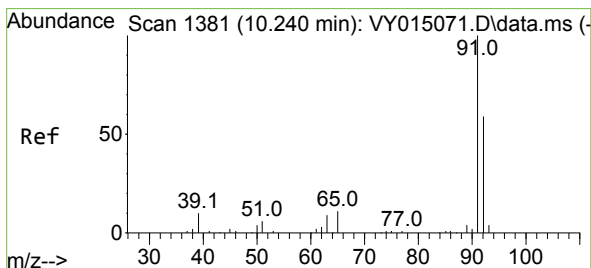
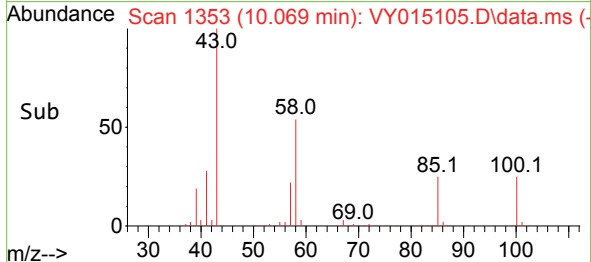
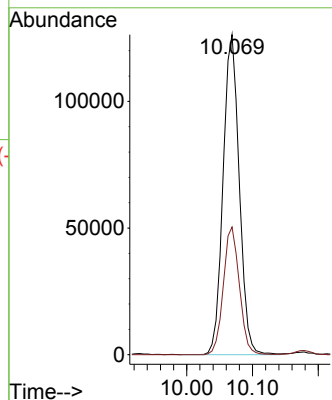
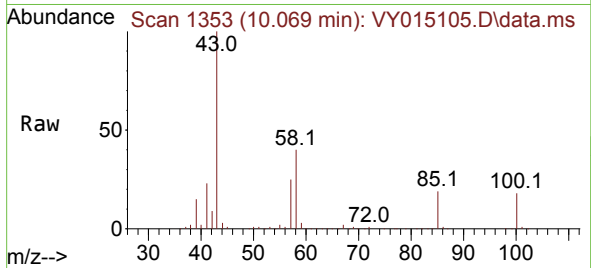




#51
4-Methyl-2-Pentanone
Concen: 99.644 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

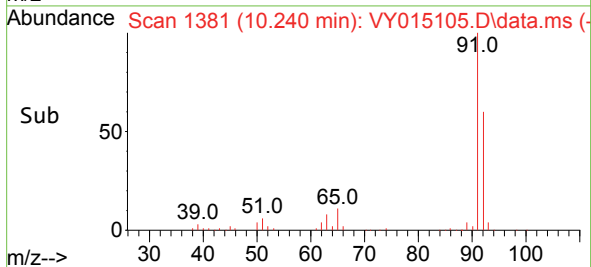
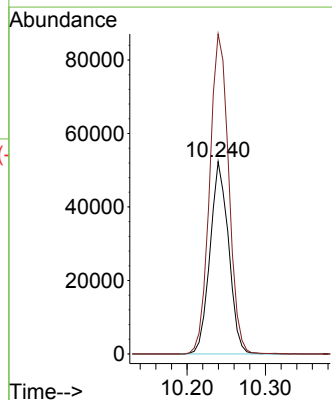
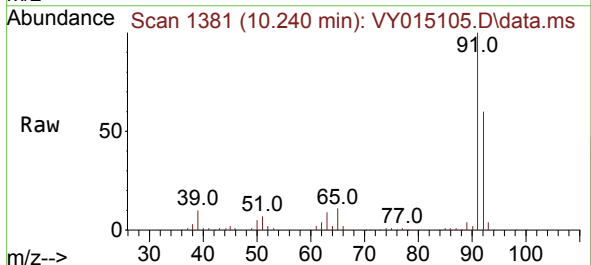
Instrument :
MSVOA_Y
ClientSampleId :

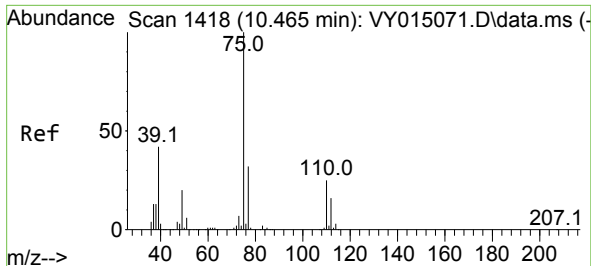
Tgt Ion: 43 Resp: 216436
Ion Ratio Lower Upper
43 100
58 39.5 29.0 43.6



#52
Toluene
Concen: 19.530 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

Tgt Ion: 92 Resp: 85928
Ion Ratio Lower Upper
92 100
91 171.2 143.8 215.6

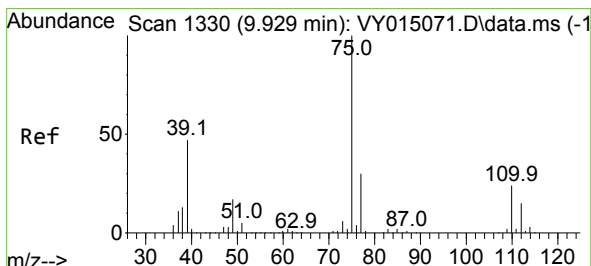
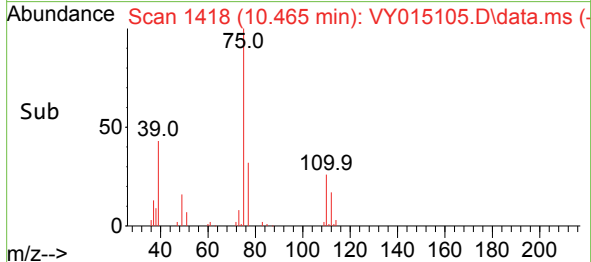
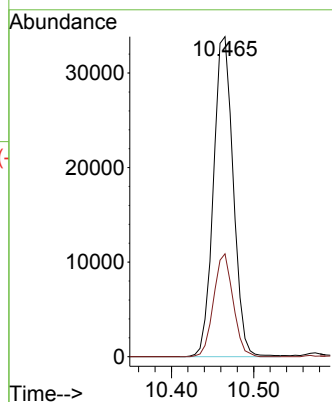
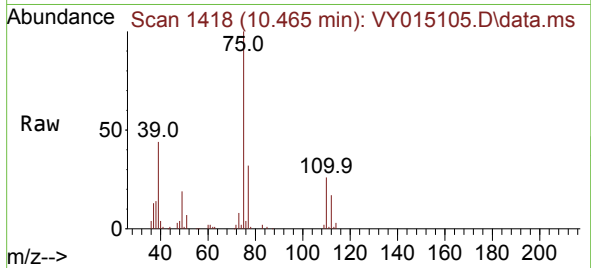




#53
 t-1,3-Dichloropropene
 Concen: 19.027 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY015105.D
 Acq: 15 Aug 2023 15:53

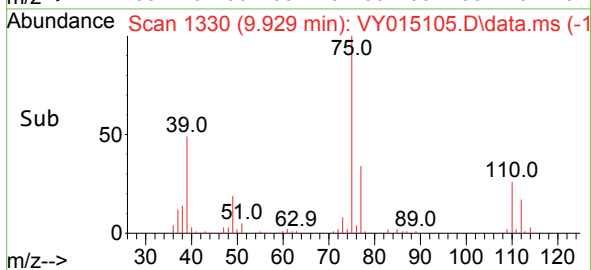
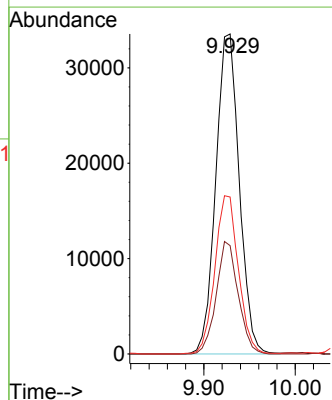
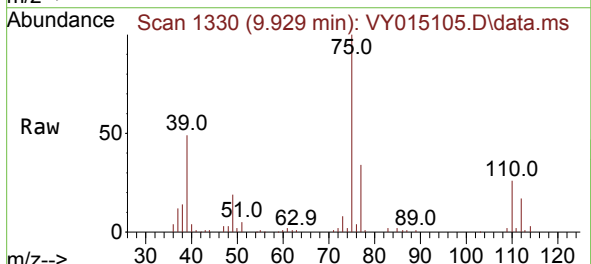
Instrument :
 MSVOA_Y
 ClientSampleId :

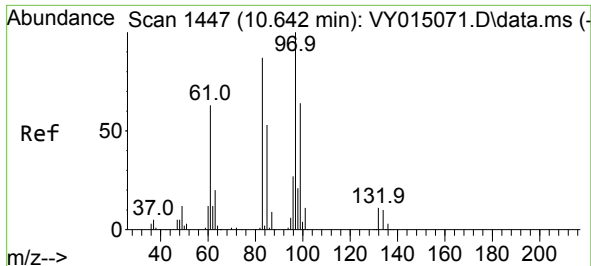
Tgt Ion: 75 Resp: 56648
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.129 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015105.D
 Acq: 15 Aug 2023 15:53

Tgt Ion: 75 Resp: 59979
 Ion Ratio Lower Upper
 75 100
 77 33.9 24.2 36.4
 39 49.0 42.2 63.4

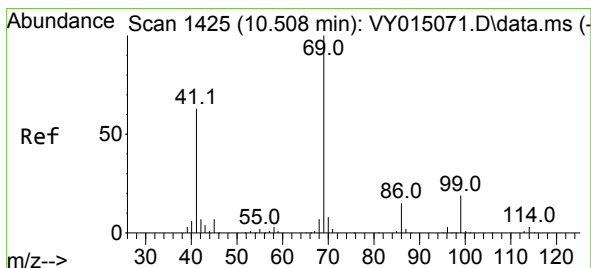
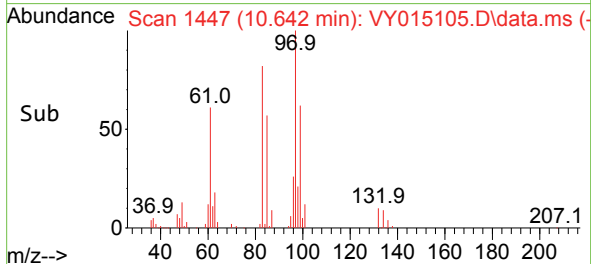
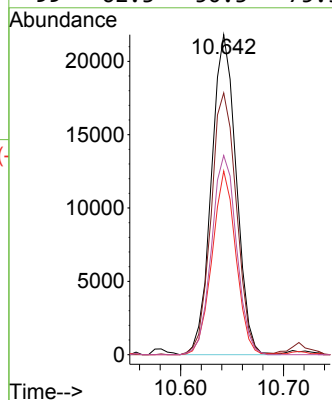
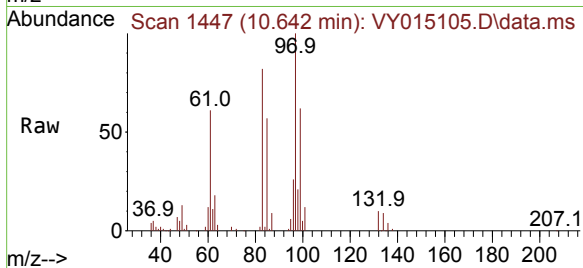




#55
1,1,2-Trichloroethane
Concen: 20.273 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

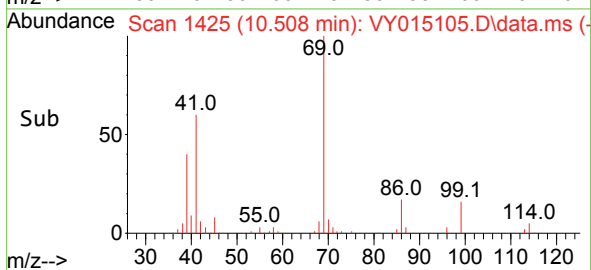
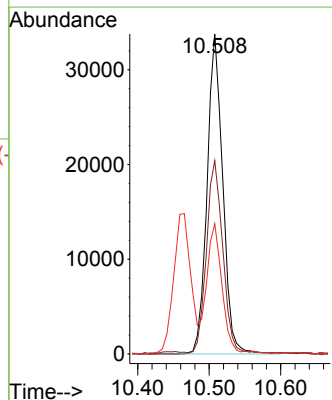
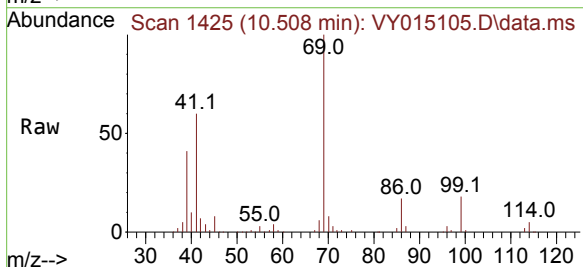
Instrument :
MSVOA_Y
ClientSampleId :

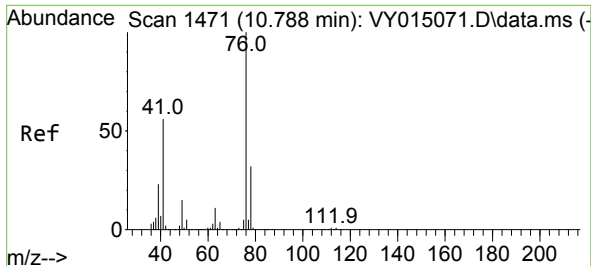
Tgt Ion:	97	Resp:	36596
Ion	Ratio	Lower	Upper
97	100		
83	81.8	72.0	108.0
85	57.4	45.4	68.0
99	62.3	50.3	75.5



#56
Ethyl methacrylate
Concen: 19.479 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

Tgt Ion:	69	Resp:	51461
Ion	Ratio	Lower	Upper
69	100		
41	62.6	57.6	86.4
39	40.5	34.1	51.1

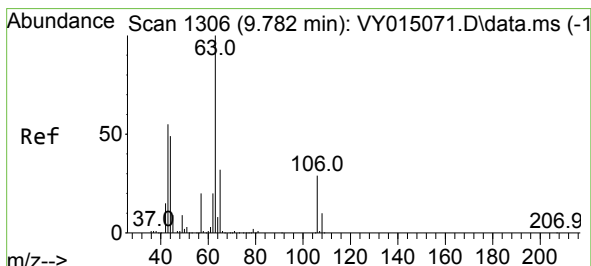
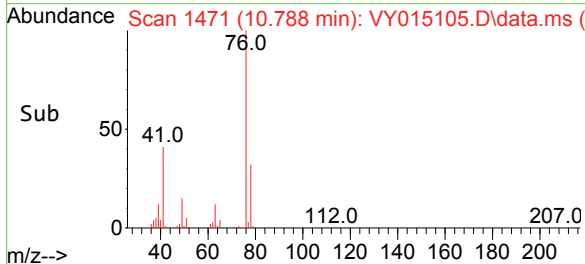
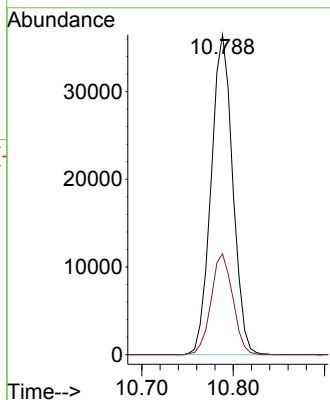
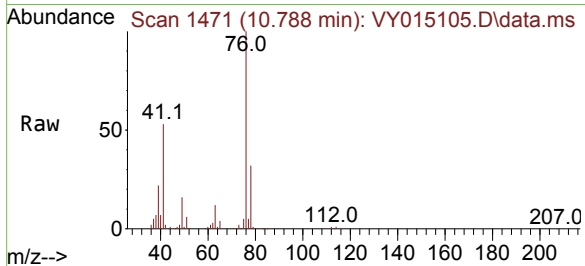




#57
1,3-Dichloropropane
Concen: 20.296 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

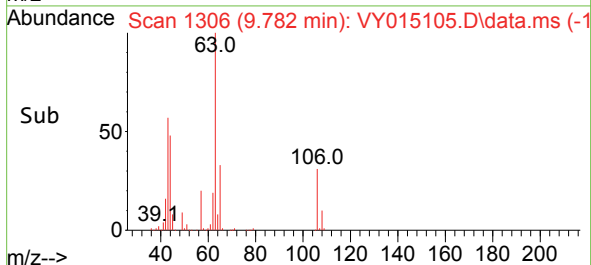
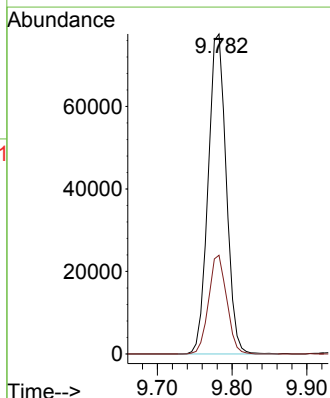
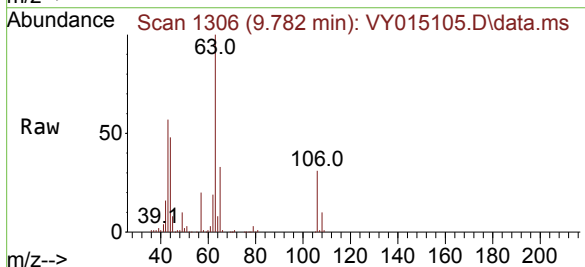
Instrument :
MSVOA_Y
ClientSampleId :

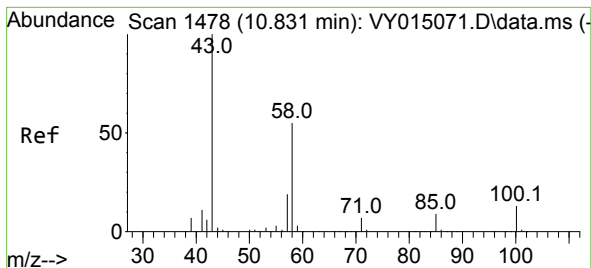
Tgt Ion: 76 Resp: 59856
Ion Ratio Lower Upper
76 100
78 31.7 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 106.271 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

Tgt Ion: 63 Resp: 130655
Ion Ratio Lower Upper
63 100
106 30.9 21.2 31.8

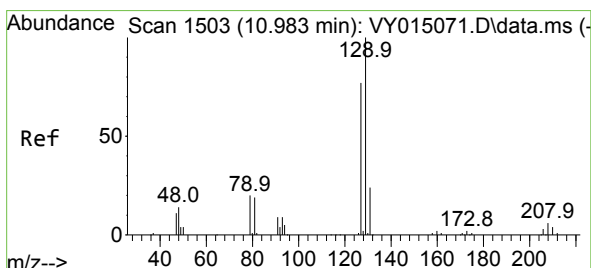
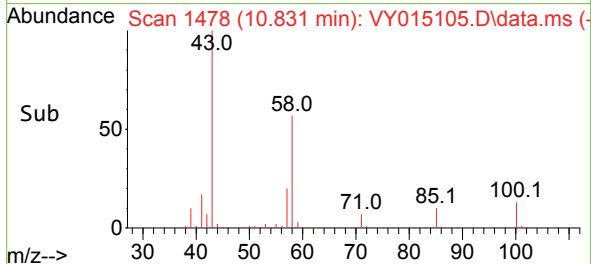
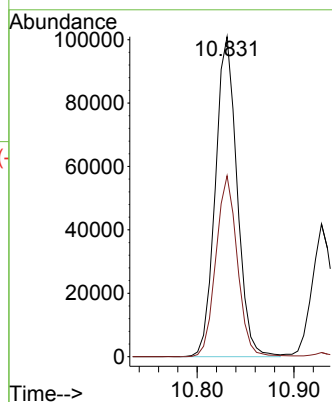
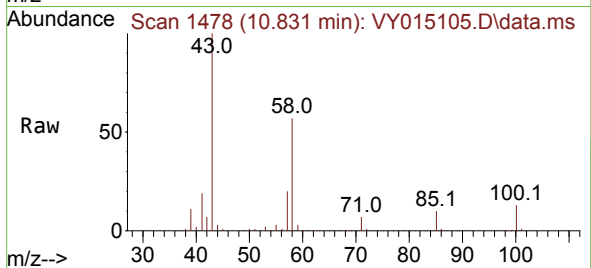




#59
2-Hexanone
Concen: 97.757 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

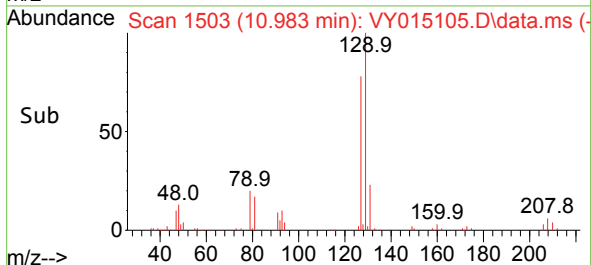
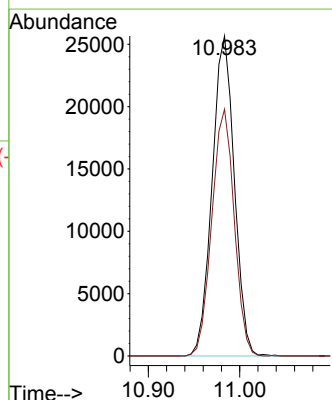
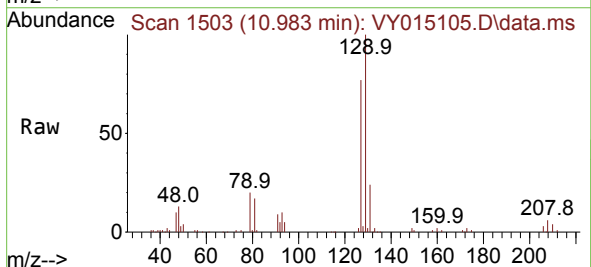
Instrument :
MSVOA_Y
ClientSampleId :

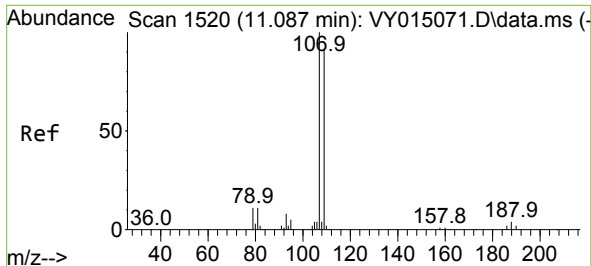
Tgt Ion: 43 Resp: 157152
Ion Ratio Lower Upper
43 100
58 55.9 25.1 75.3



#60
Dibromochloromethane
Concen: 20.082 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

Tgt Ion: 129 Resp: 43243
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5

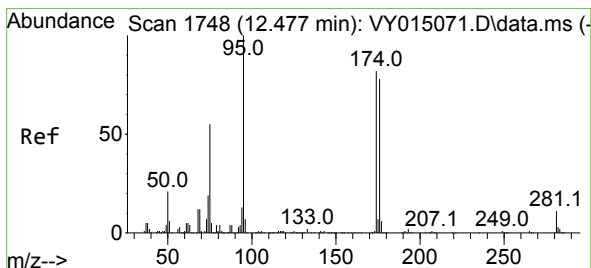
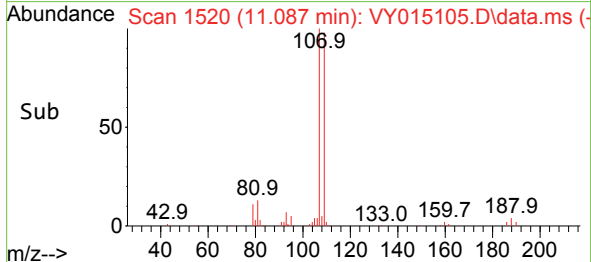
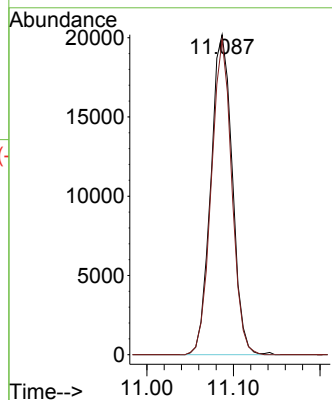
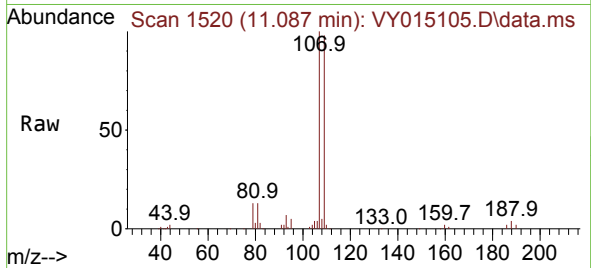




#61
1,2-Dibromoethane
Concen: 20.255 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

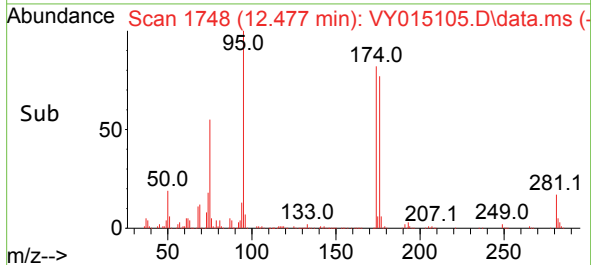
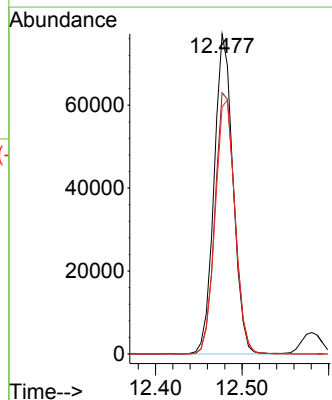
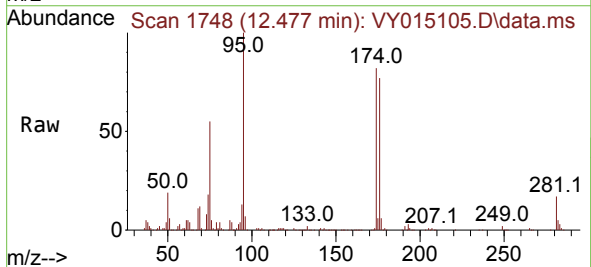
Instrument :
MSVOA_Y
ClientSampleId :

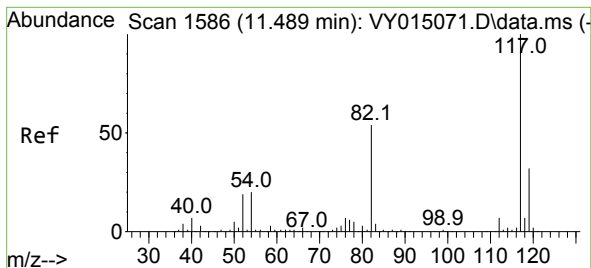
Tgt Ion:107 Resp: 34734
Ion Ratio Lower Upper
107 100
109 93.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 43.173 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

Tgt Ion: 95 Resp: 117152
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 83.0 0.0 173.8

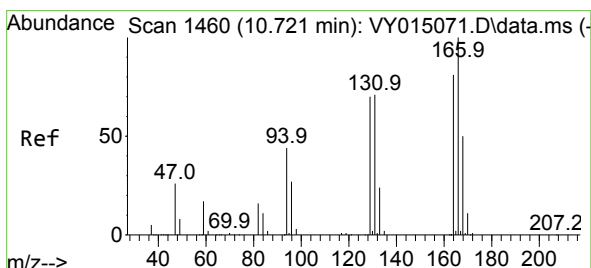
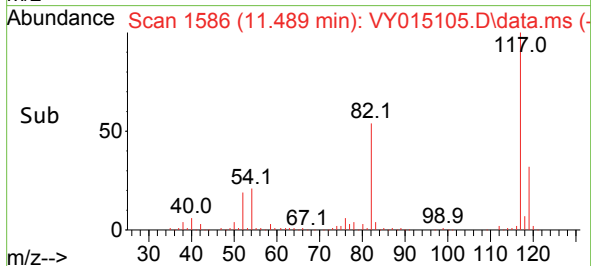
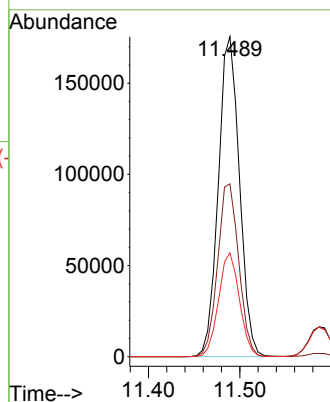
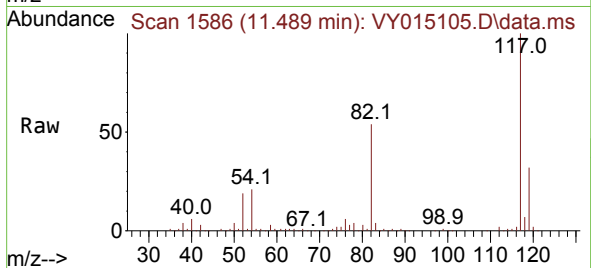




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

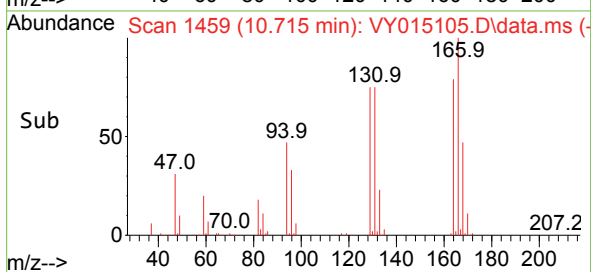
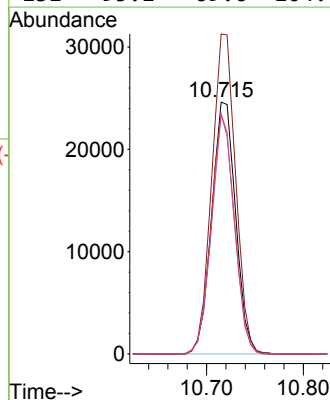
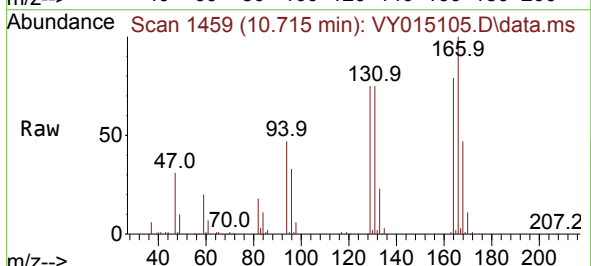
Instrument :
MSVOA_Y
ClientSampleId :

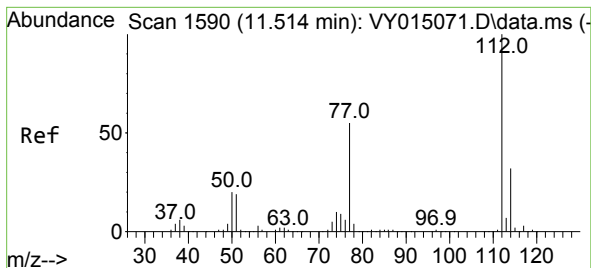
Tgt Ion:117 Resp: 282082
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 32.5 26.3 39.5



#64
Tetrachloroethene
Concen: 21.568 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

Tgt Ion:164 Resp: 42387
Ion Ratio Lower Upper
164 100
166 127.0 103.0 154.6
129 95.3 77.2 115.8
131 95.1 69.6 104.4





#65

Chlorobenzene

Concen: 19.900 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015105.D

Acq: 15 Aug 2023 15:53

Instrument :

MSVOA_Y

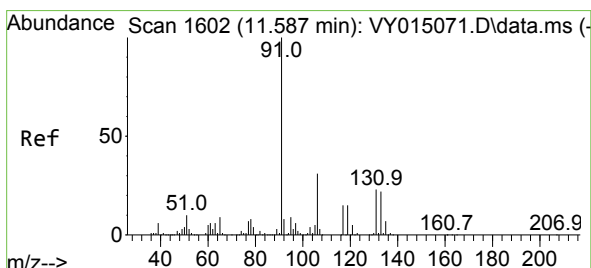
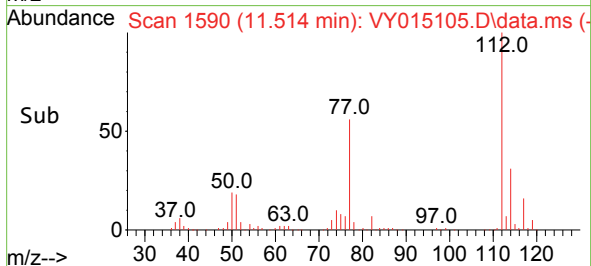
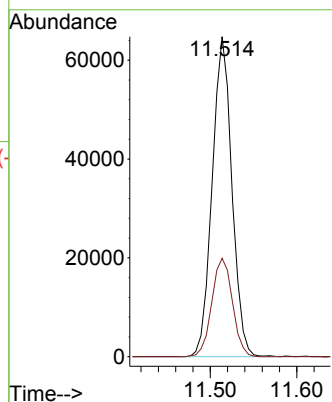
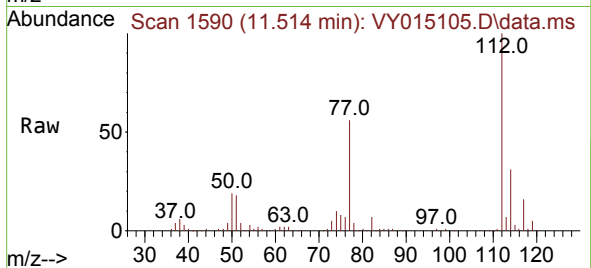
ClientSampleId :

Tgt Ion:112 Resp: 102276

Ion Ratio Lower Upper

112 100

114 30.7 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 19.628 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY015105.D

Acq: 15 Aug 2023 15:53

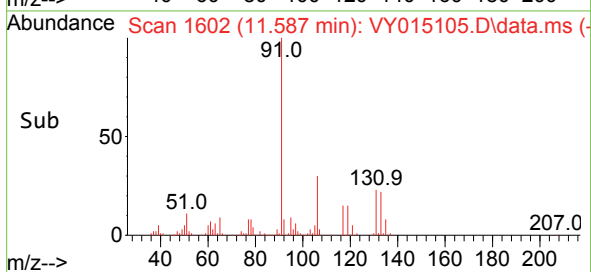
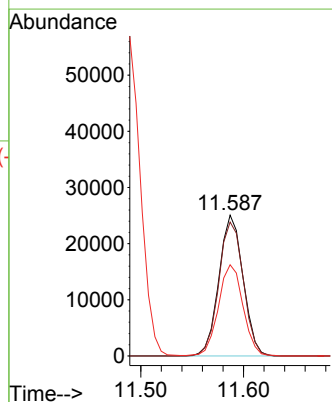
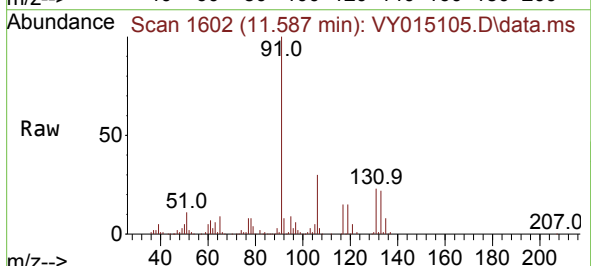
Tgt Ion:131 Resp: 40932

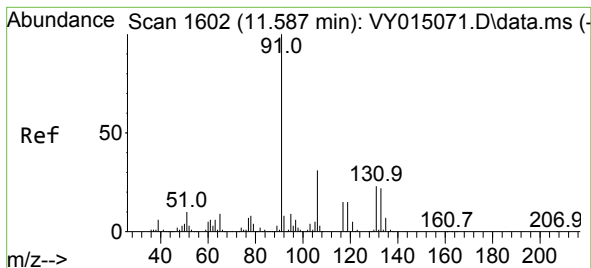
Ion Ratio Lower Upper

131 100

133 96.7 47.5 142.6

119 65.9 31.6 94.7





#67

Ethyl Benzene

Concen: 19.283 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015105.D

Acq: 15 Aug 2023 15:53

Instrument :

MSVOA_Y

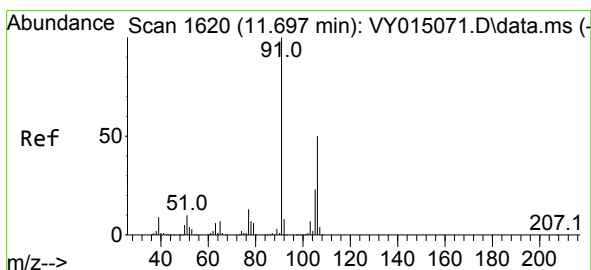
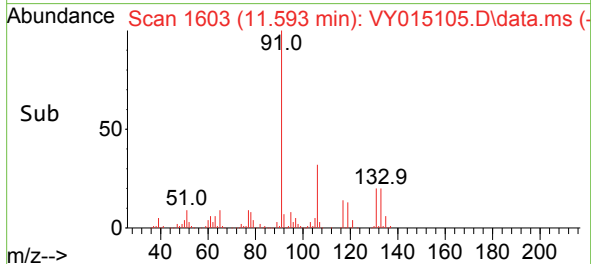
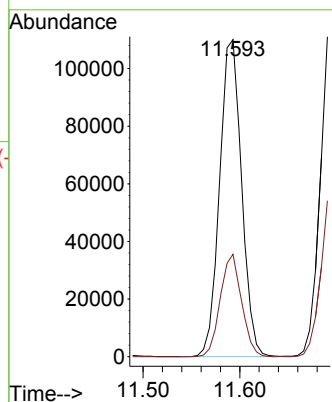
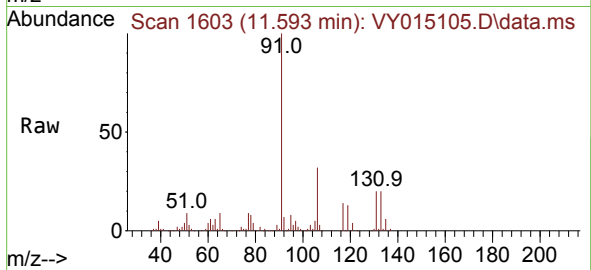
ClientSampleId :

Tgt Ion: 91 Resp: 173646

Ion Ratio Lower Upper

91 100

106 32.3 24.6 36.8



#68

m/p-Xylenes

Concen: 38.611 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY015105.D

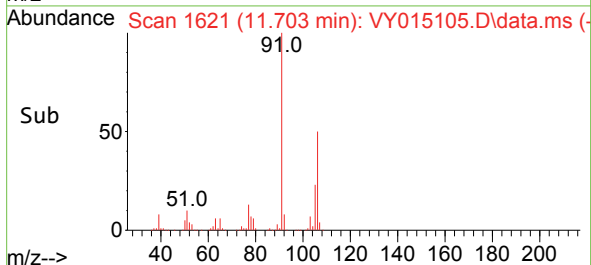
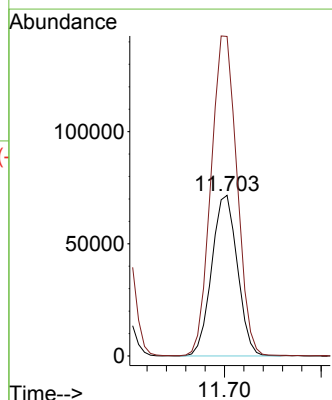
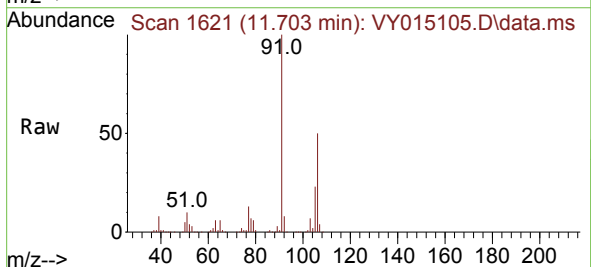
Acq: 15 Aug 2023 15:53

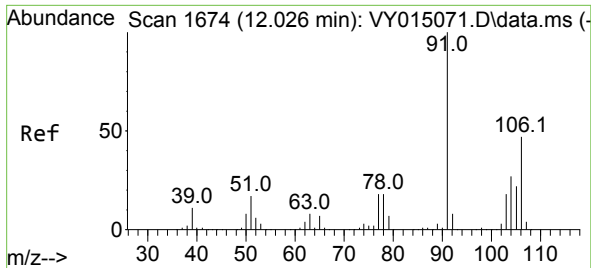
Tgt Ion: 106 Resp: 132053

Ion Ratio Lower Upper

106 100

91 201.9 166.1 249.1

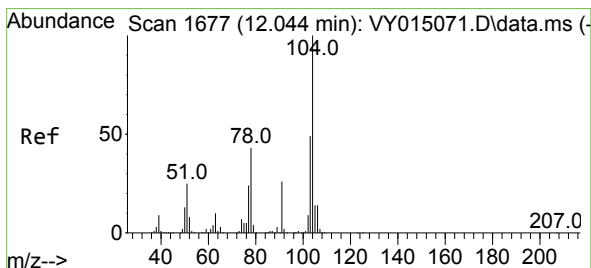
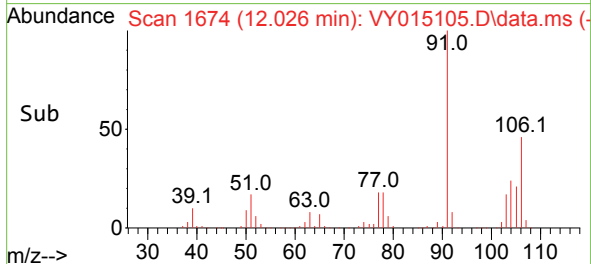
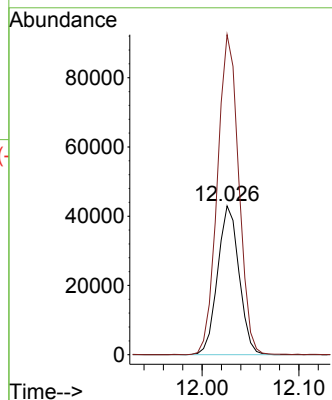
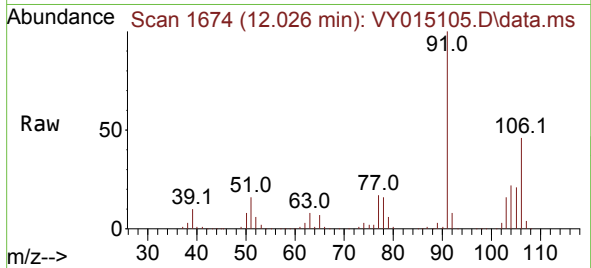




#69
o-Xylene
Concen: 19.383 ug/l
RT: 12.026 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

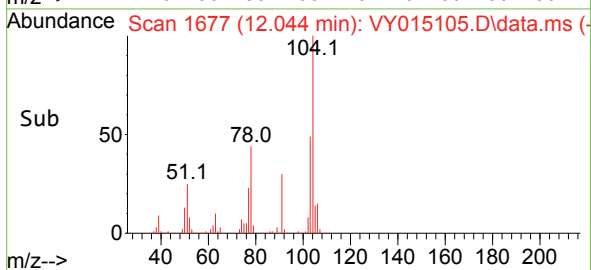
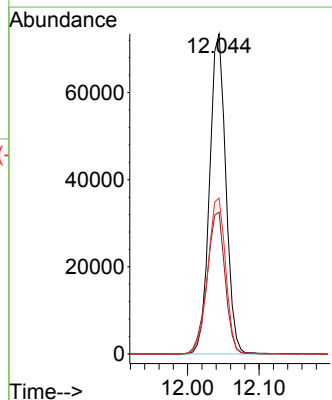
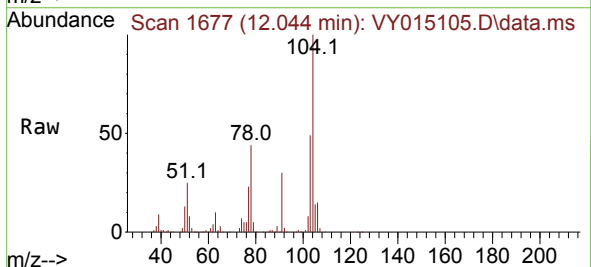
Instrument :
MSVOA_Y
ClientSampleId :

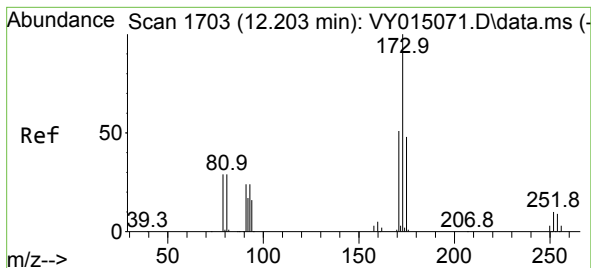
Tgt Ion:106 Resp: 66041
Ion Ratio Lower Upper
106 100
91 214.8 108.1 324.3



#70
Styrene
Concen: 19.676 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

Tgt Ion:104 Resp: 116028
Ion Ratio Lower Upper
104 100
78 49.4 41.5 62.3
103 53.5 44.6 67.0





#71

Bromoform

Concen: 19.725 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015105.D

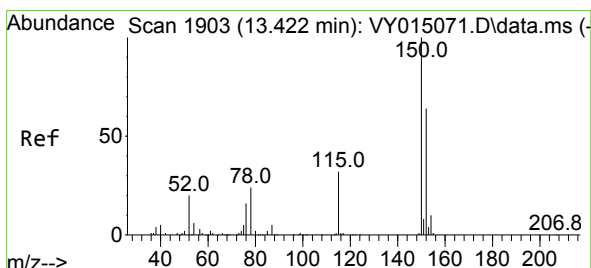
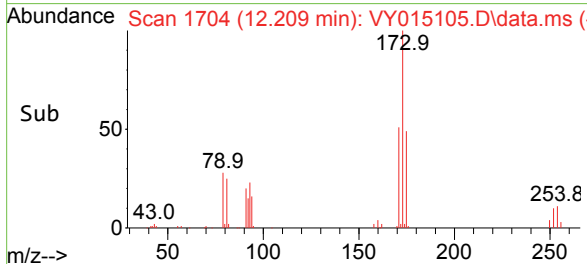
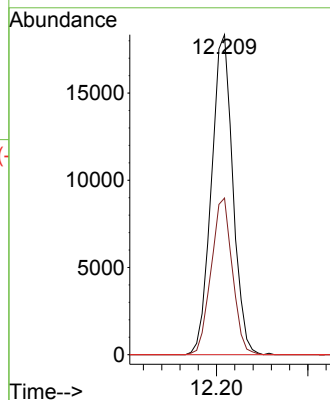
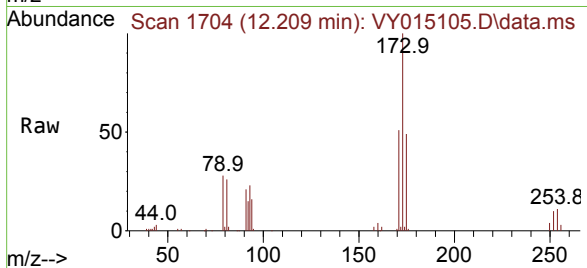
Acq: 15 Aug 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	29819
Ion Ratio	Lower	Upper
173	100	
175	48.5	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

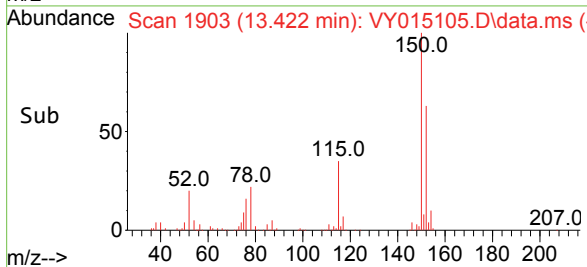
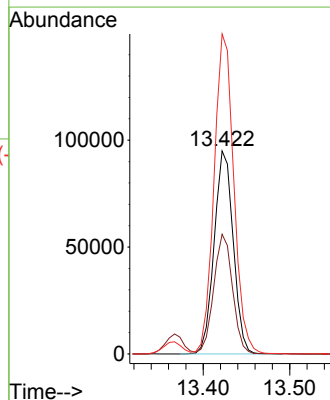
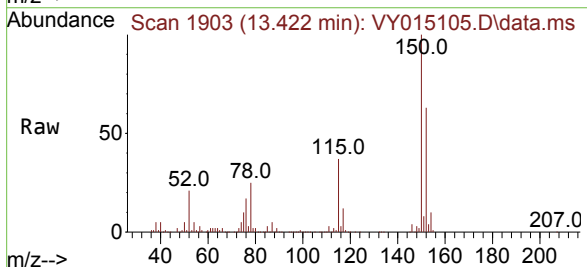
RT: 13.422 min Scan# 1903

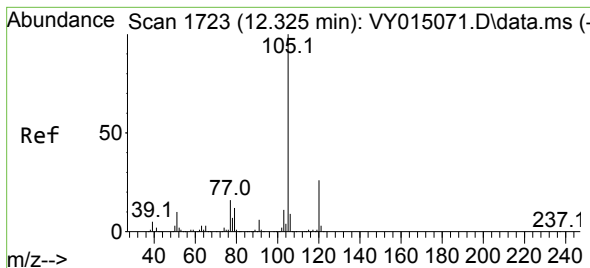
Delta R.T. -0.000 min

Lab File: VY015105.D

Acq: 15 Aug 2023 15:53

Tgt Ion:152	Resp:	145419
Ion Ratio	Lower	Upper
152	100	
115	57.9	28.8 86.5
150	163.2	0.0 348.8





#73

Isopropylbenzene

Concen: 19.058 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VY015105.D

Acq: 15 Aug 2023 15:53

Instrument :

MSVOA_Y

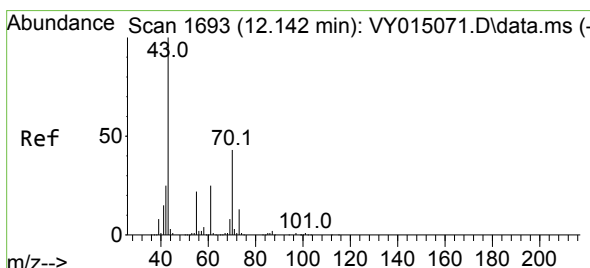
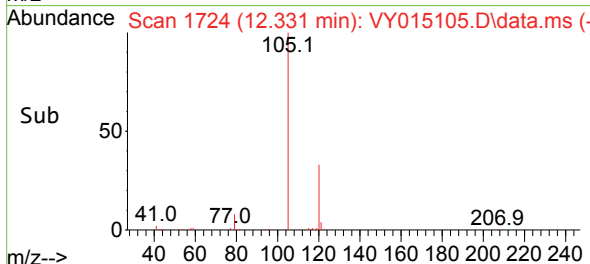
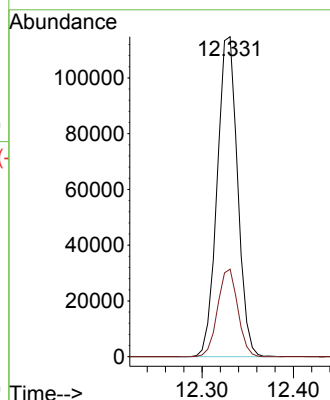
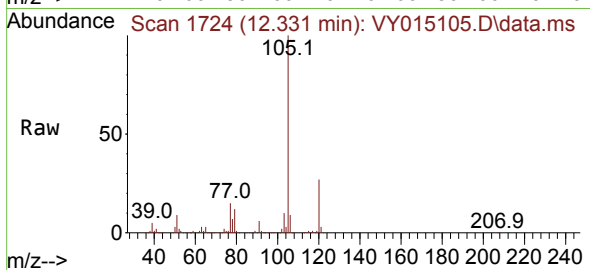
ClientSampleId :

Tgt Ion:105 Resp: 178209

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



#74

N-ethyl acetate

Concen: 18.917 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY015105.D

Acq: 15 Aug 2023 15:53

Tgt Ion: 43 Resp: 63867

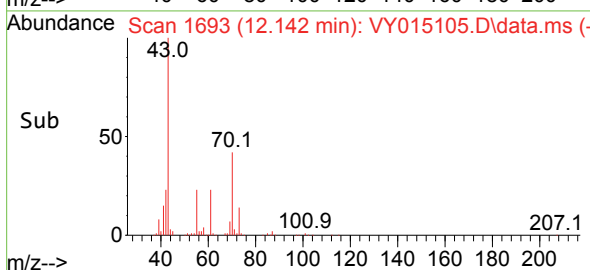
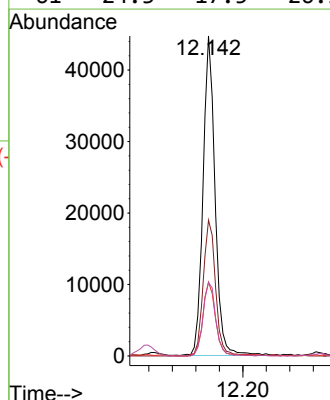
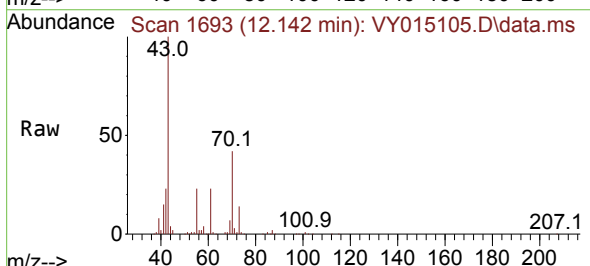
Ion Ratio Lower Upper

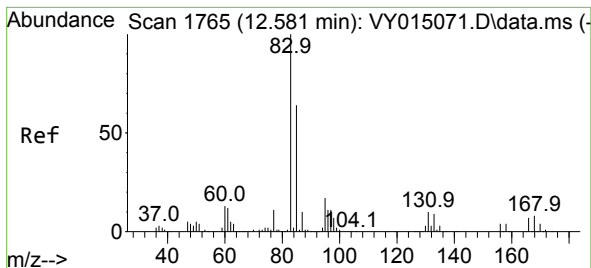
43 100

70 43.9 29.7 44.5

55 24.3 18.3 27.5

61 24.3 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.136 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY015105.D

Acq: 15 Aug 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

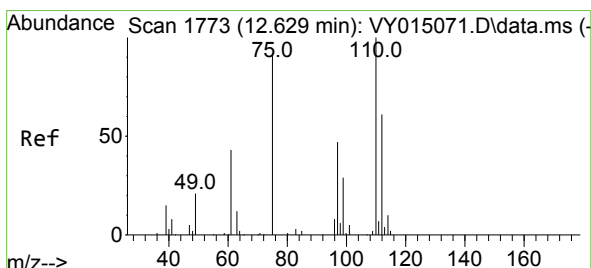
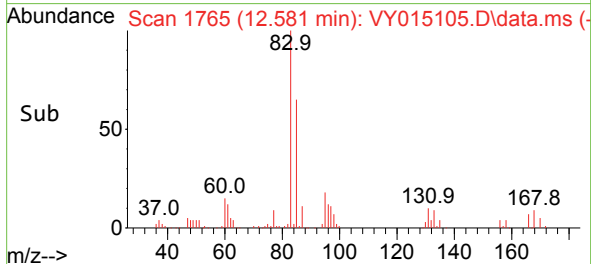
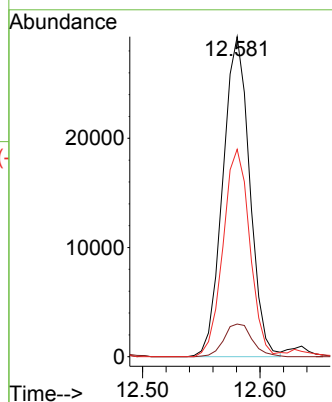
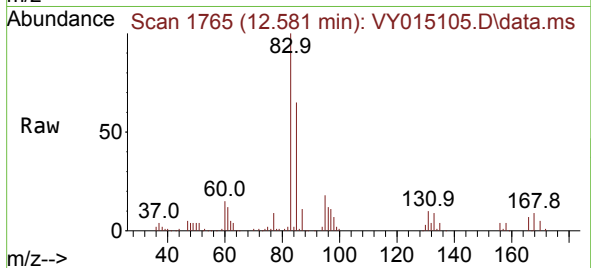
Tgt Ion: 83 Resp: 46604

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

85 64.8 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 34.223 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY015105.D

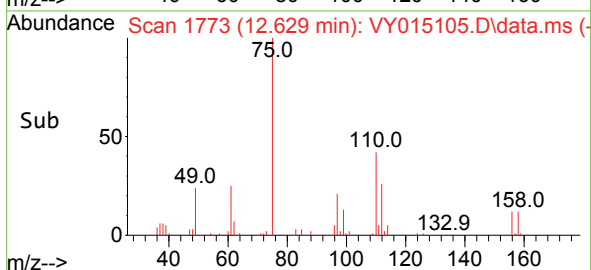
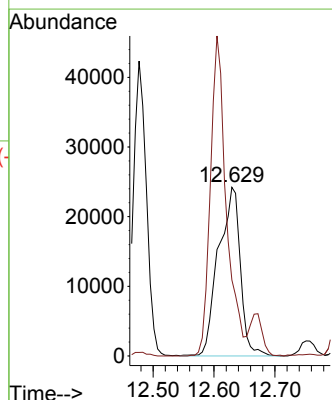
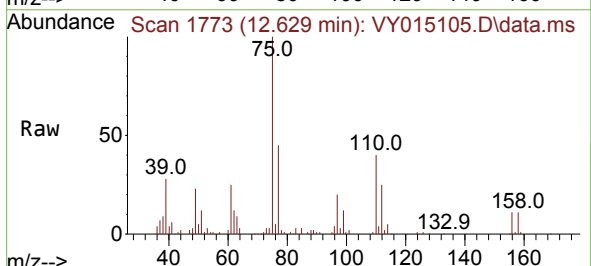
Acq: 15 Aug 2023 15:53

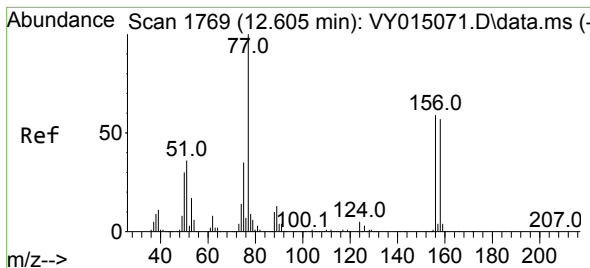
Tgt Ion: 75 Resp: 60462

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.989 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY015105.D

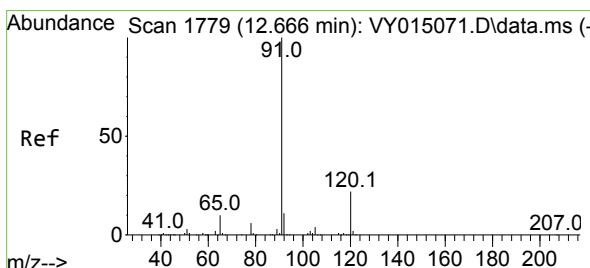
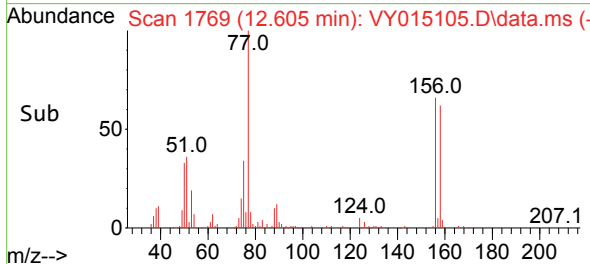
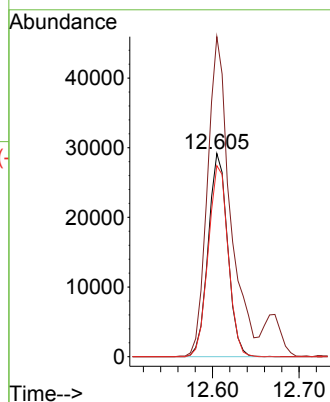
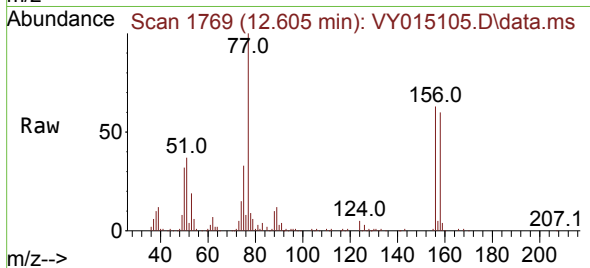
Acq: 15 Aug 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	45561
Ion Ratio	Lower	Upper	
156	100		
77	182.6	92.8	278.6
158	96.1	48.4	145.3



#78

n-propylbenzene

Concen: 19.039 ug/l

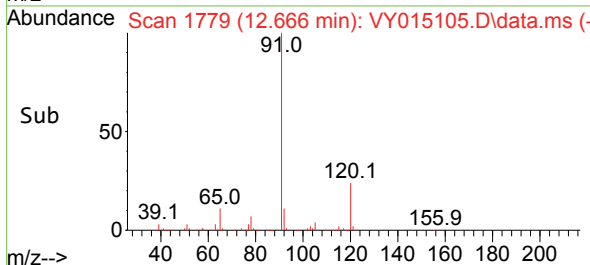
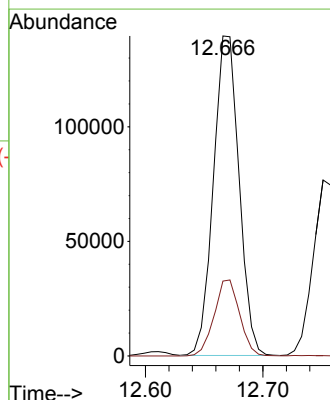
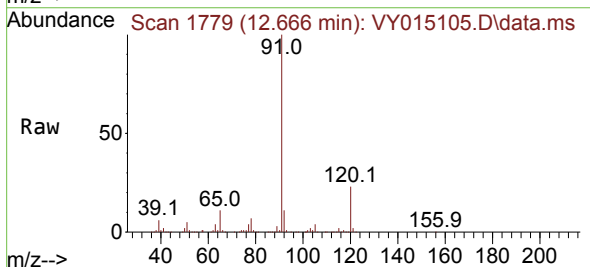
RT: 12.666 min Scan# 1779

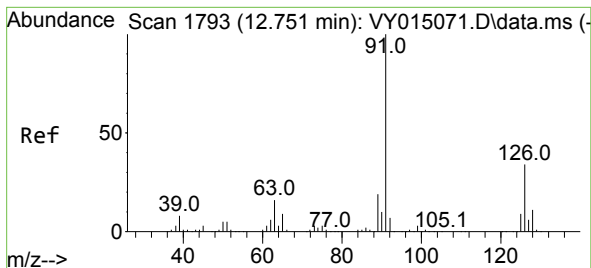
Delta R.T. -0.000 min

Lab File: VY015105.D

Acq: 15 Aug 2023 15:53

Tgt Ion:	91	Resp:	211407
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.5	34.4





#79

2-Chlorotoluene

Concen: 18.962 ug/l

RT: 12.751 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VY015105.D

Acq: 15 Aug 2023 15:53

Instrument :

MSVOA_Y

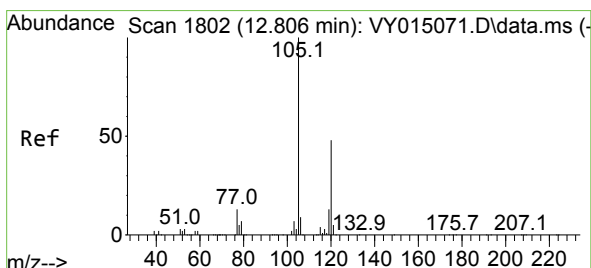
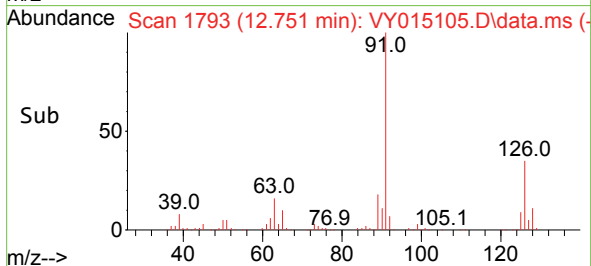
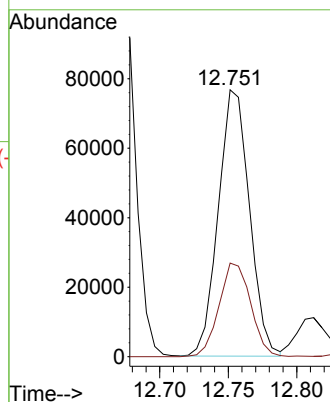
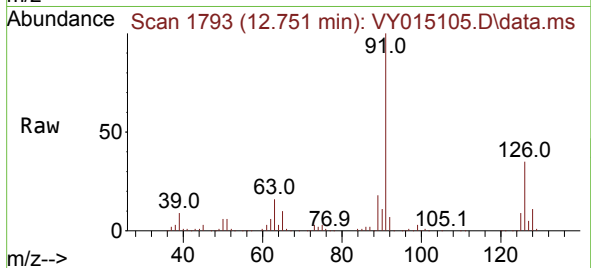
ClientSampleId :

Tgt Ion: 91 Resp: 121463

Ion Ratio Lower Upper

91 100

126 35.7 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 19.479 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY015105.D

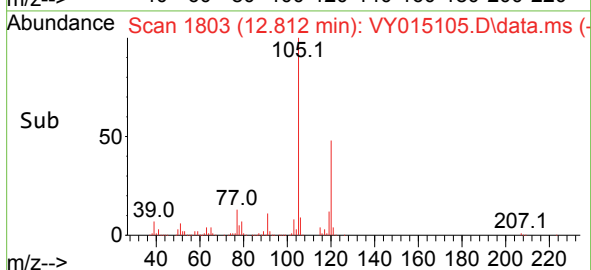
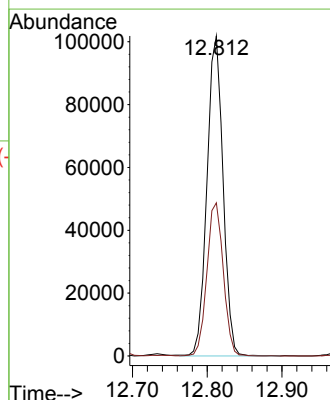
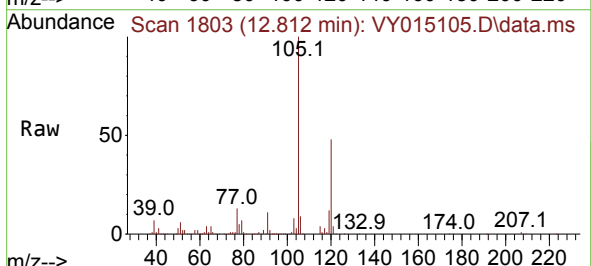
Acq: 15 Aug 2023 15:53

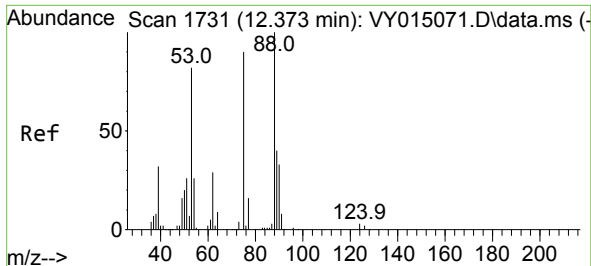
Tgt Ion: 105 Resp: 151829

Ion Ratio Lower Upper

105 100

120 48.9 23.9 71.7

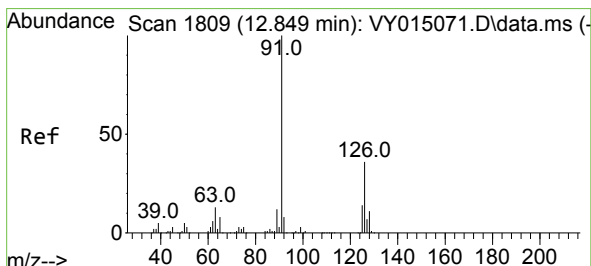
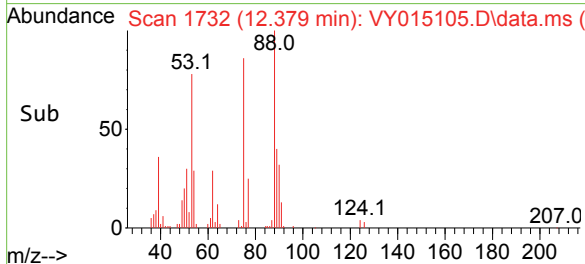
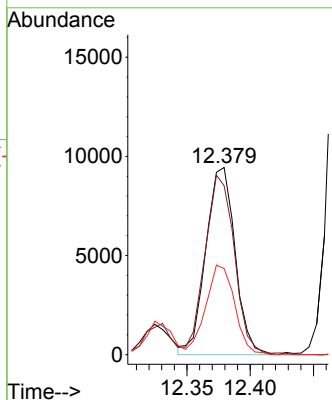
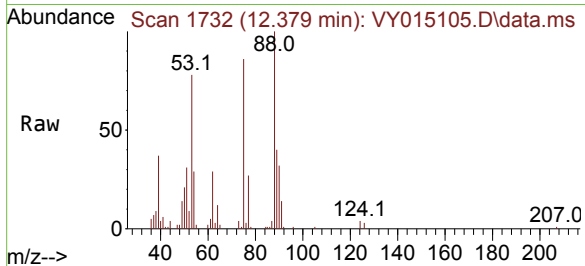




#81
trans-1,4-Dichloro-2-butene
Concen: 18.887 ug/l
RT: 12.379 min Scan# 1731
Delta R.T. 0.006 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

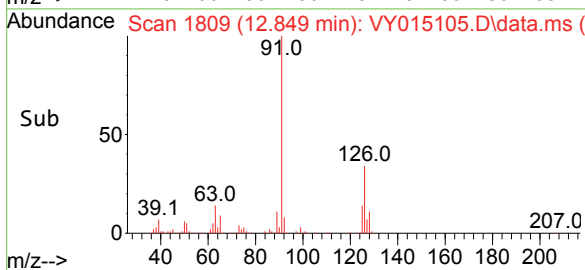
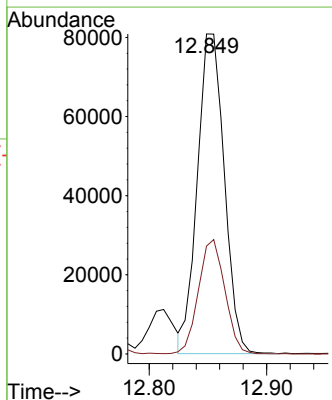
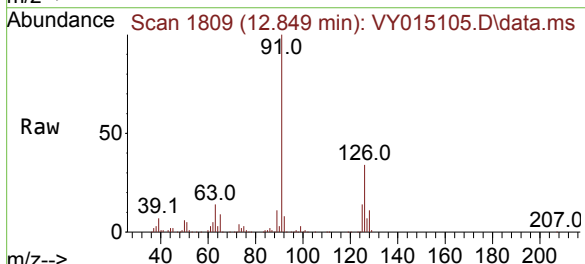
Instrument :
MSVOA_Y
ClientSampleId :

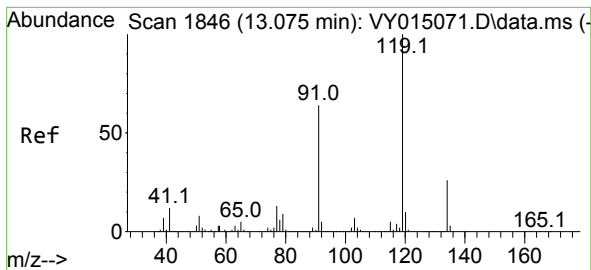
Tgt Ion	Ratio	Lower	Upper
75	100		
53	96.8	77.8	116.8
89	47.0	37.4	56.0



#82
4-Chlorotoluene
Concen: 19.446 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY015105.D
Acq: 15 Aug 2023 15:53

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.2	51.6





#83

tert-Butylbenzene

Concen: 19.048 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY015105.D

Acq: 15 Aug 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

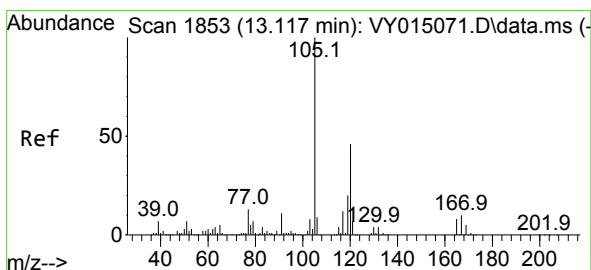
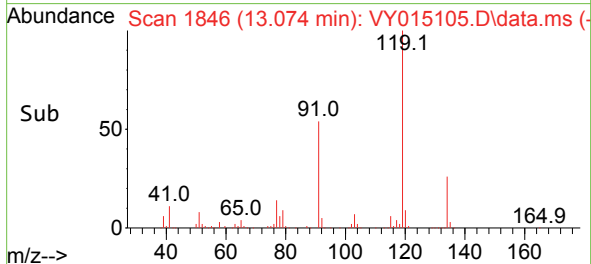
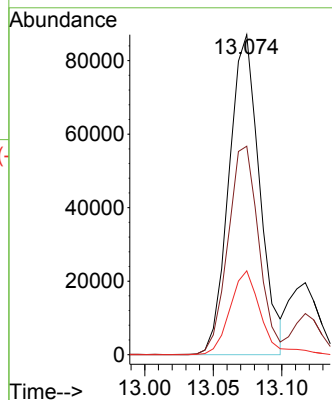
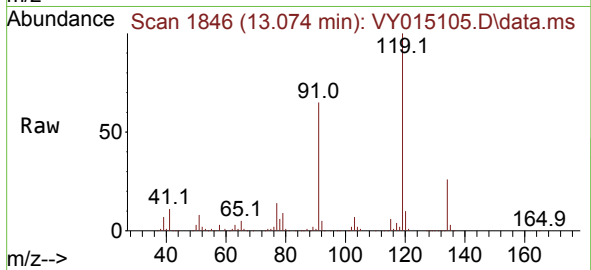
Tgt Ion:119 Resp: 135802

Ion Ratio Lower Upper

119 100

91 65.3 32.9 98.6

134 26.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.557 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY015105.D

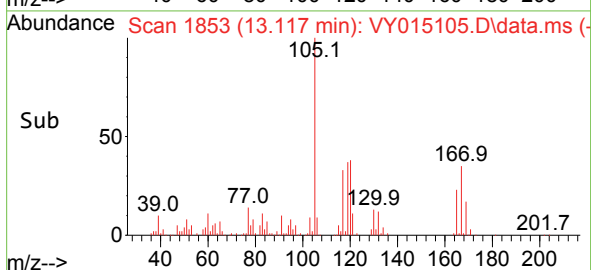
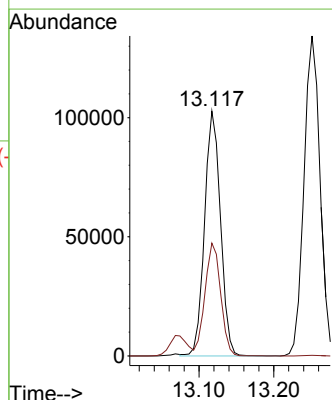
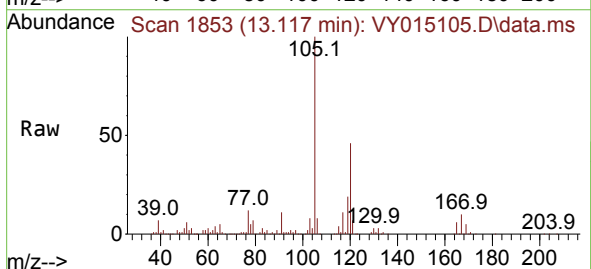
Acq: 15 Aug 2023 15:53

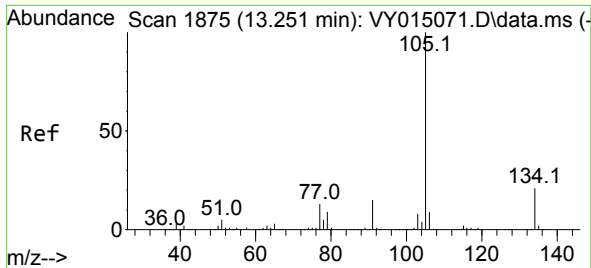
Tgt Ion:105 Resp: 152327

Ion Ratio Lower Upper

105 100

120 45.3 22.2 66.6

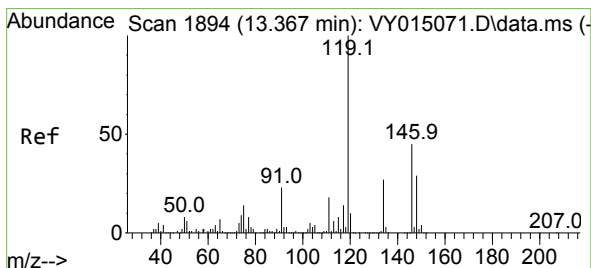
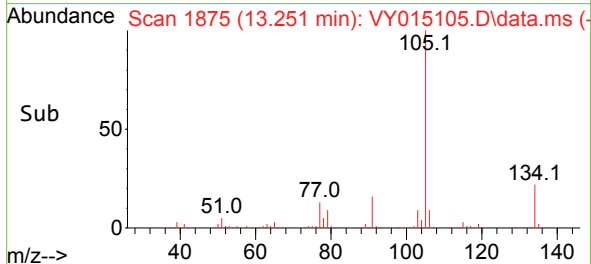
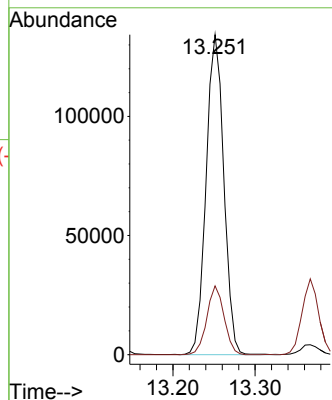
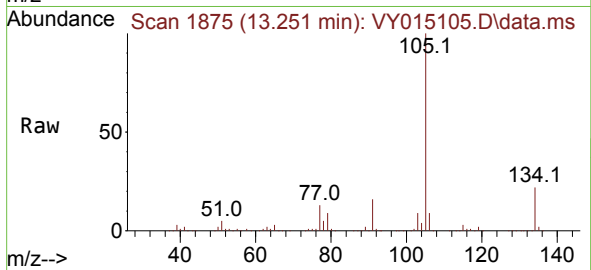




#85
 sec-Butylbenzene
 Concen: 19.197 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY015105.D
 Acq: 15 Aug 2023 15:53

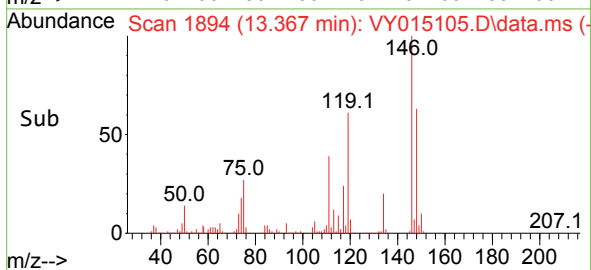
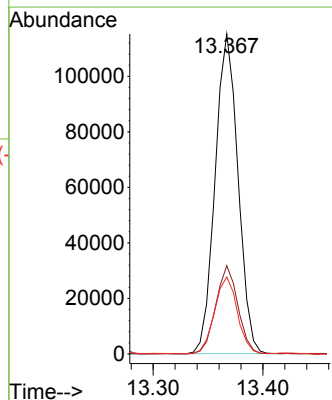
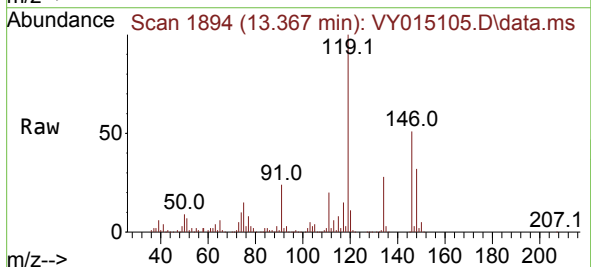
Instrument :
 MSVOA_Y
 ClientSampleId :

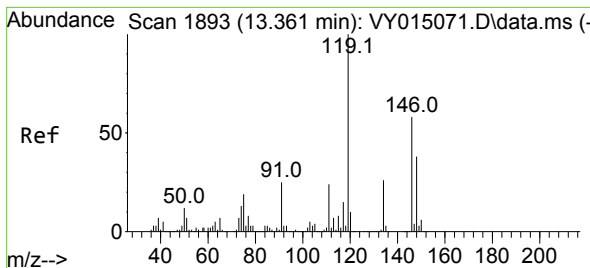
Tgt Ion:105 Resp: 200534
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 19.288 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY015105.D
 Acq: 15 Aug 2023 15:53

Tgt Ion:119 Resp: 167055
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 23.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.731 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015105.D

Acq: 15 Aug 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

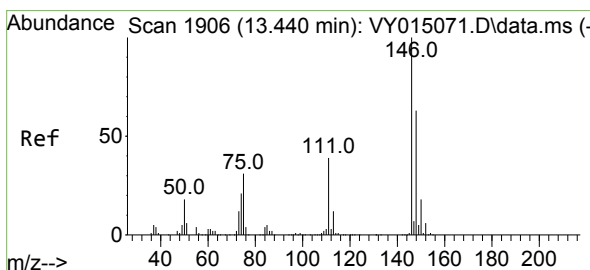
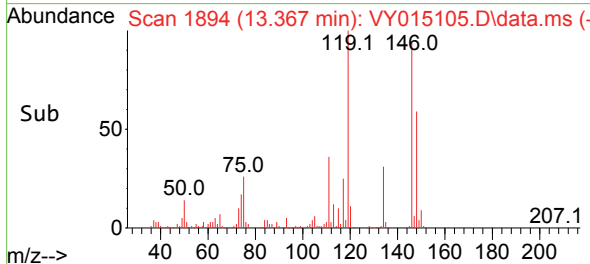
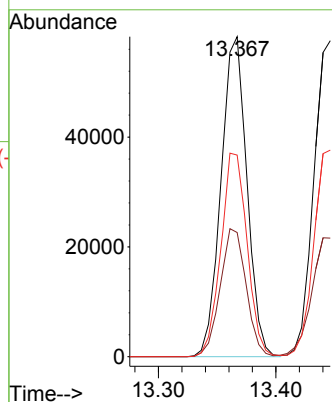
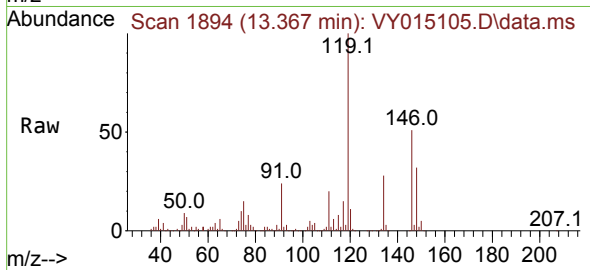
Tgt Ion:146 Resp: 89203

Ion Ratio Lower Upper

146 100

111 40.1 19.4 58.2

148 64.4 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.864 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY015105.D

Acq: 15 Aug 2023 15:53

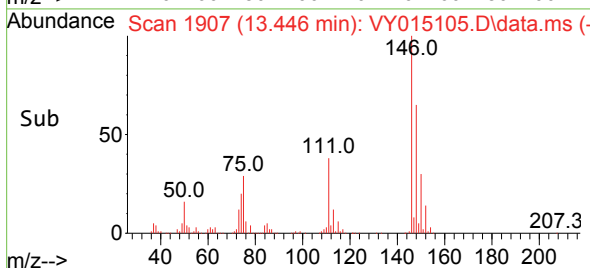
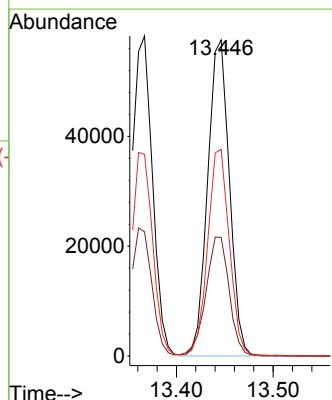
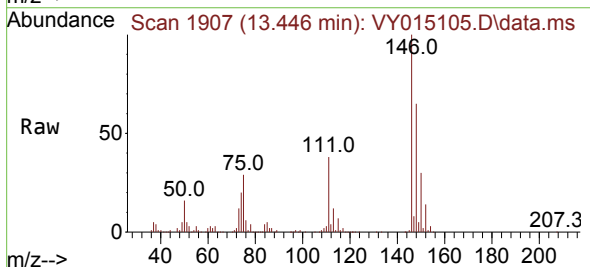
Tgt Ion:146 Resp: 90074

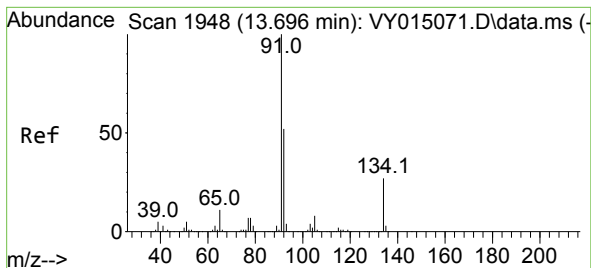
Ion Ratio Lower Upper

146 100

111 40.5 18.9 56.7

148 65.2 32.1 96.5





#89

n-Butylbenzene

Concen: 19.191 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY015105.D

Acq: 15 Aug 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

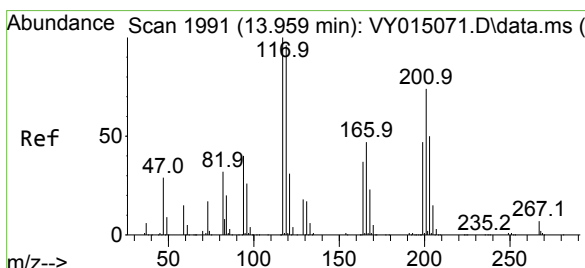
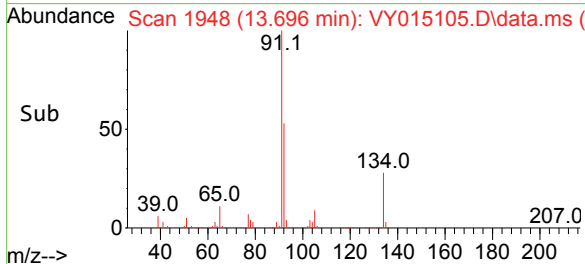
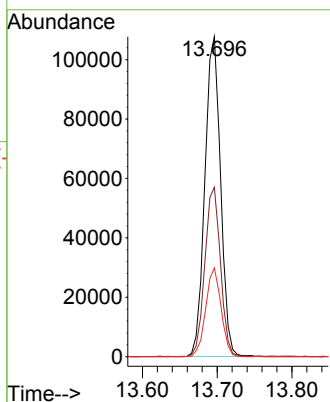
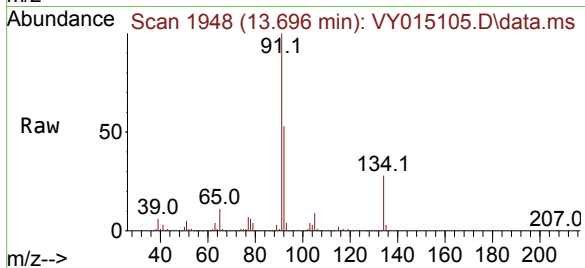
Tgt Ion: 91 Resp: 156718

Ion Ratio Lower Upper

91 100

92 52.8 25.4 76.0

134 27.2 12.6 37.6



#90

Hexachloroethane

Concen: 18.958 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY015105.D

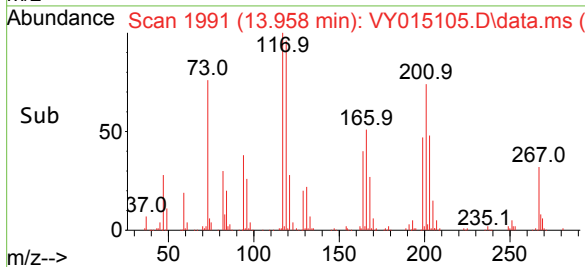
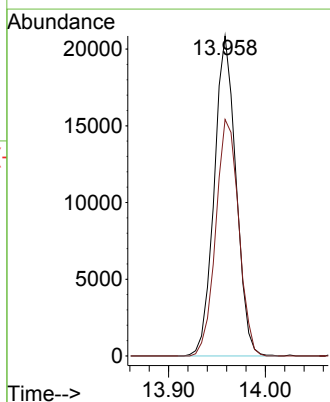
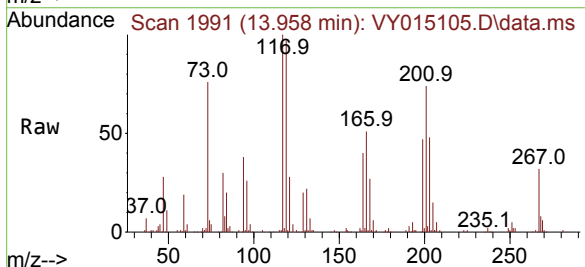
Acq: 15 Aug 2023 15:53

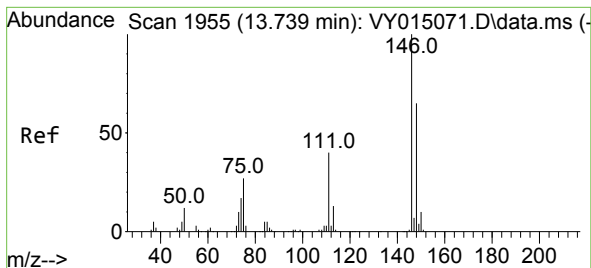
Tgt Ion: 117 Resp: 32573

Ion Ratio Lower Upper

117 100

201 77.7 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.043 ug/l

RT: 13.733 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY015105.D

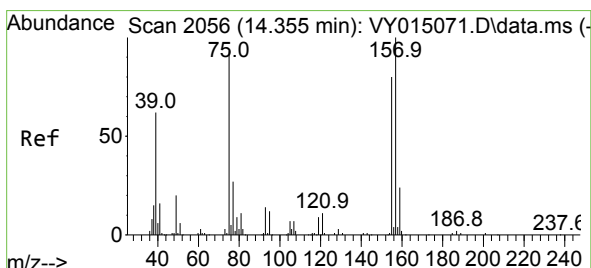
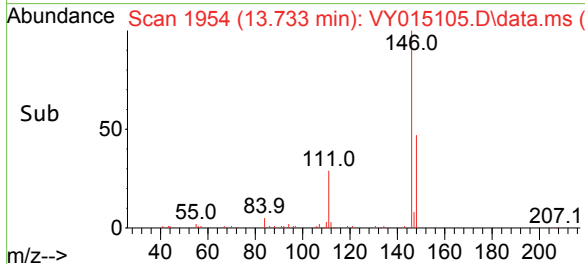
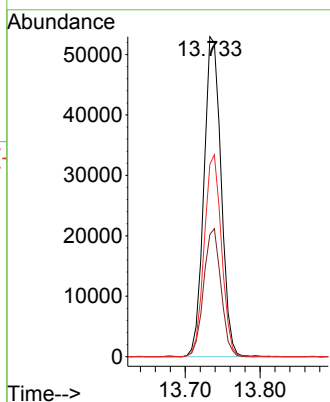
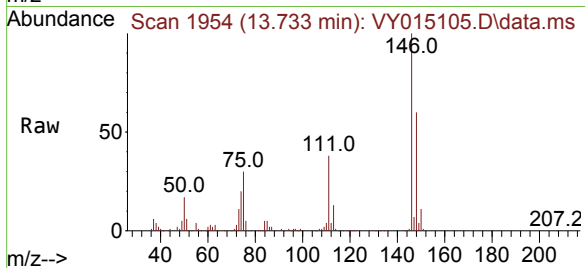
Acq: 15 Aug 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:146	Resp:	84648
Ion Ratio	Lower	Upper
146	100	
111	40.1	19.7 59.0
148	63.2	32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.149 ug/l

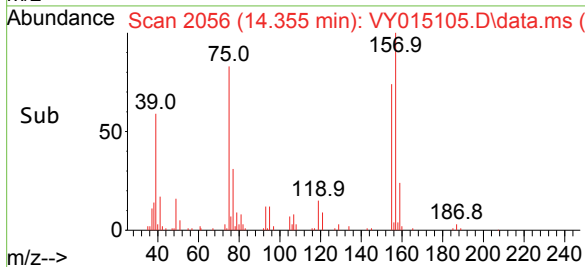
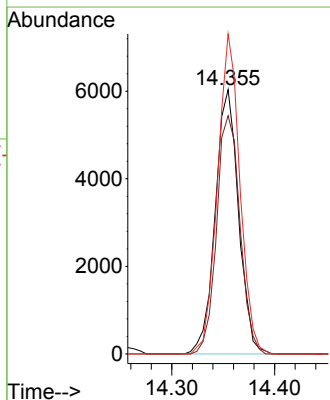
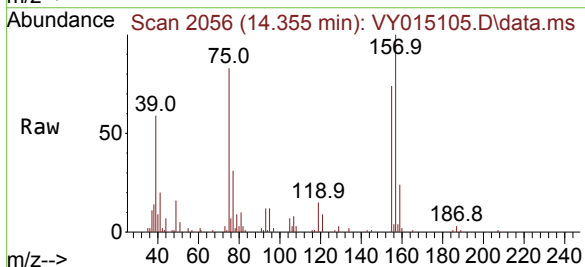
RT: 14.355 min Scan# 2056

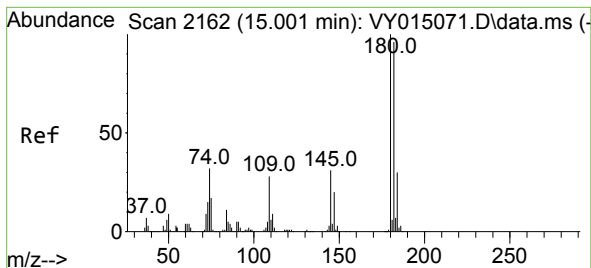
Delta R.T. -0.000 min

Lab File: VY015105.D

Acq: 15 Aug 2023 15:53

Tgt Ion: 75	Resp:	9506
Ion Ratio	Lower	Upper
75	100	
155	89.9	41.5 124.6
157	116.1	51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.235 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY015105.D

Acq: 15 Aug 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

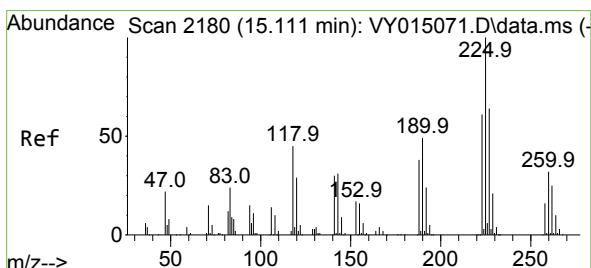
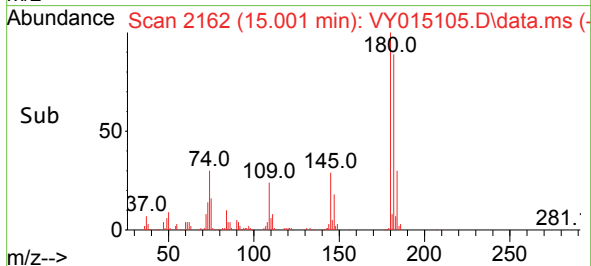
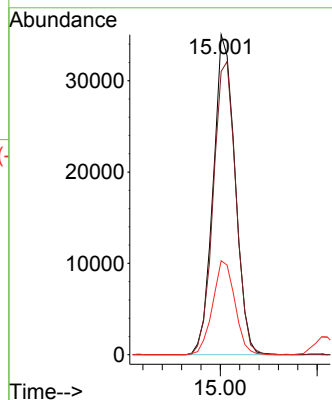
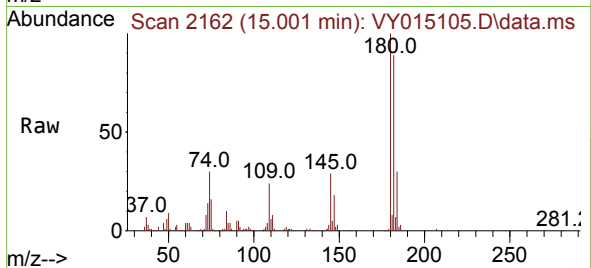
Tgt Ion:180 Resp: 54865

Ion Ratio Lower Upper

180 100

182 94.8 47.0 141.2

145 29.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.082 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015105.D

Acq: 15 Aug 2023 15:53

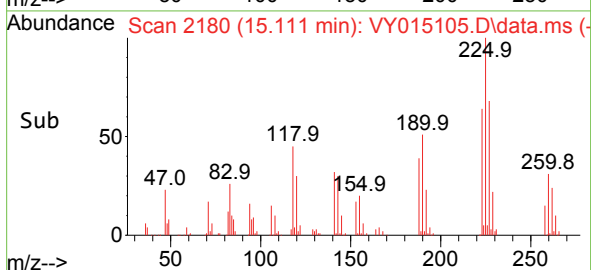
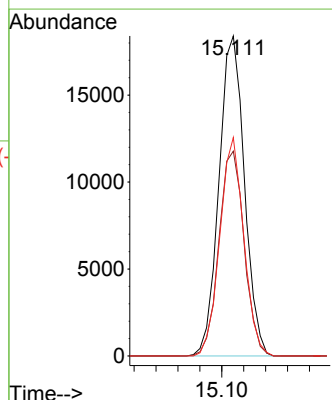
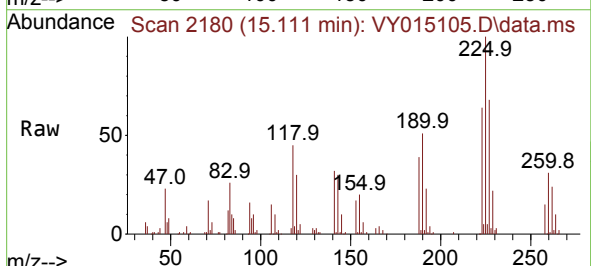
Tgt Ion:225 Resp: 29618

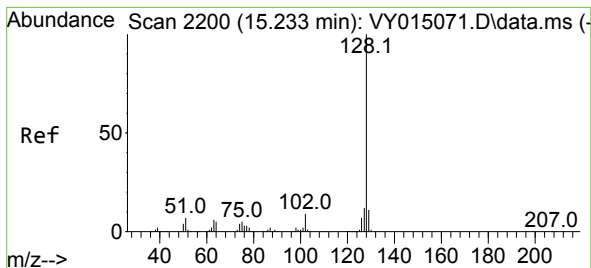
Ion Ratio Lower Upper

225 100

223 63.6 31.9 95.9

227 64.3 33.0 98.9





#95

Naphthalene

Concen: 20.100 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

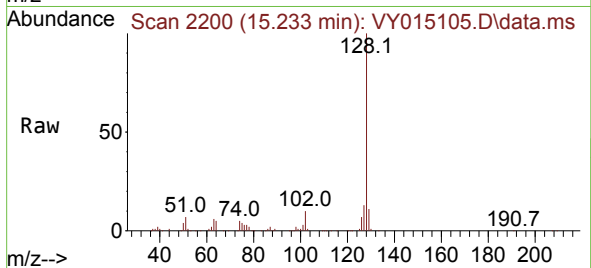
Lab File: VY015105.D

Acq: 15 Aug 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :



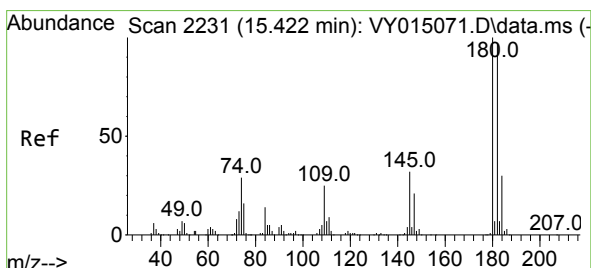
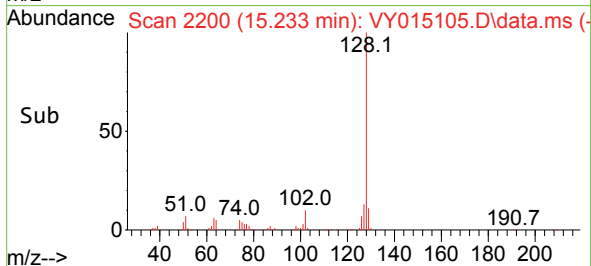
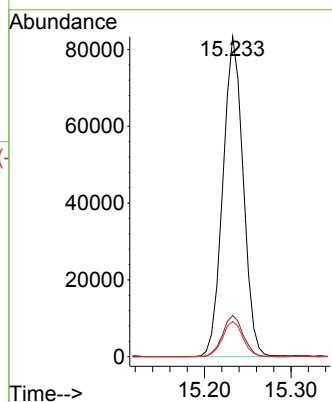
Tgt Ion:128 Resp: 135758

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.161 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015105.D

Acq: 15 Aug 2023 15:53

Tgt Ion:180 Resp: 49367

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.8

145 33.2 15.4 46.2

