

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
 Data File : VY015322.D
 Acq On : 24 Aug 2023 19:13
 Operator : SY/MD
 Sample : 04109-03MSD
 Misc : 5.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 25 03:25:06 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	122659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	198767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	164802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	71942	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70710	48.023	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.040%
35) Dibromofluoromethane	7.716	113	68239	53.364	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.720%
50) Toluene-d8	10.179	98	246191	51.719	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.440%
62) 4-Bromofluorobenzene	12.477	95	84377	48.530	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	24599	46.477	ug/l	97
3) Chloromethane	2.113	50	30129	40.397	ug/l	100
4) Vinyl Chloride	2.247	62	44039	45.120	ug/l	95
5) Bromomethane	2.644	94	32128	46.551	ug/l	96
6) Chloroethane	2.790	64	34267	48.357	ug/l	95
7) Trichlorofluoromethane	3.119	101	81190	49.367	ug/l	96
8) Diethyl Ether	3.528	74	28927	44.848	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.900	101	51631	50.513	ug/l	97
10) Methyl Iodide	4.089	142	47069	46.897	ug/l	99
11) Tert butyl alcohol	4.954	59	41173	164.291	ug/l #	80
12) 1,1-Dichloroethene	3.869	96	40512	47.465	ug/l	95
13) Acrolein	3.723	56	8196	37.773	ug/l	94
14) Allyl chloride	4.479	41	61758	40.812	ug/l #	90
15) Acrylonitrile	5.162	53	81139	185.627	ug/l	97
16) Acetone	3.942	43	91908	191.072	ug/l	97
17) Carbon Disulfide	4.192	76	62887	41.867	ug/l	98
18) Methyl Acetate	4.479	43	87441	49.606	ug/l	91
19) Methyl tert-butyl Ether	5.222	73	166075	45.762	ug/l	98
20) Methylene Chloride	4.716	84	64311	56.308	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	44545	46.269	ug/l	96
22) Diisopropyl ether	6.119	45	177337	46.965	ug/l	89
23) Vinyl Acetate	6.058	43	238363	105.794	ug/l #	95
24) 1,1-Dichloroethane	6.015	63	99490	48.668	ug/l	97
25) 2-Butanone	6.984	43	127795	187.641	ug/l	96
26) 2,2-Dichloropropane	6.978	77	88192	44.752	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	63235	48.083	ug/l	93
28) Bromochloromethane	7.332	49	39327	41.873	ug/l	90
29) Tetrahydrofuran	7.344	42	73069	179.426	ug/l	89
30) Chloroform	7.503	83	112375	49.036	ug/l	96
31) Cyclohexane	7.783	56	63468	48.164	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	99414	50.979	ug/l	99
36) 1,1-Dichloropropene	7.917	75	69293	48.981	ug/l	99
37) Ethyl Acetate	7.070	43	39881	30.244	ug/l	96
38) Carbon Tetrachloride	7.899	117	83196	49.691	ug/l	98
39) Methylcyclohexane	9.179	83	73928	46.615	ug/l	97
40) Benzene	8.161	78	205877	48.135	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
 Data File : VY015322.D
 Acq On : 24 Aug 2023 19:13
 Operator : SY/MD
 Sample : 04109-03MSD
 Misc : 5.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 25 03:25:06 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	7.344	41	68922	101.361	ug/l	# 29
42) 1,2-Dichloroethane	8.234	62	70600	45.450	ug/l	95
43) Isopropyl Acetate	8.271	43	97438	40.576	ug/l	99
44) Trichloroethene	8.941	130	60922	49.441	ug/l	92
45) 1,2-Dichloropropane	9.216	63	58030	48.115	ug/l	99
46) Dibromomethane	9.307	93	33606	44.179	ug/l	96
47) Bromodichloromethane	9.496	83	91271	50.282	ug/l	99
48) Methyl methacrylate	9.295	41	48400	47.116	ug/l	97
49) 1,4-Dioxane	9.295	88	11967	786.732	ug/l	# 56
51) 4-Methyl-2-Pentanone	10.069	43	284596	204.491	ug/l	93
52) Toluene	10.246	92	134041	47.547	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	80013	41.943	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	88845	44.222	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	56854	49.155	ug/l	95
56) Ethyl methacrylate	10.508	69	64573	38.148	ug/l	91
57) 1,3-Dichloropropane	10.789	76	84286	44.604	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	165854	210.542	ug/l	92
59) 2-Hexanone	10.831	43	206848	200.818	ug/l	94
60) Dibromochloromethane	10.984	129	63245	45.840	ug/l	100
61) 1,2-Dibromoethane	11.087	107	45561	41.466	ug/l	94
64) Tetrachloroethene	10.721	164	61154	53.262	ug/l	98
65) Chlorobenzene	11.514	112	153716	51.192	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	64316	52.789	ug/l	98
67) Ethyl Benzene	11.593	91	273408	51.968	ug/l	99
68) m/p-Xylenes	11.703	106	205671	102.930	ug/l	95
69) o-Xylene	12.026	106	103415	51.953	ug/l	96
70) Styrene	12.044	104	172530	50.079	ug/l	97
71) Bromoform	12.209	173	39856	45.126	ug/l	# 98
73) Isopropylbenzene	12.331	105	284233	61.441	ug/l	100
74) N-amyl acetate	12.142	43	67462	40.390	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	67395	55.936	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	77411	88.567	ug/l	# 100
77) Bromobenzene	12.605	156	64281	57.006	ug/l	99
78) n-propylbenzene	12.672	91	323451	58.879	ug/l	99
79) 2-Chlorotoluene	12.758	91	184461	58.207	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	228531	59.263	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	13721	34.481	ug/l	98
82) 4-Chlorotoluene	12.855	91	188132	57.462	ug/l	99
83) tert-Butylbenzene	13.075	119	212683	60.299	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	224422	58.241	ug/l	98
85) sec-Butylbenzene	13.252	105	298206	57.702	ug/l	99
86) p-Isopropyltoluene	13.367	119	240721	56.181	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	123095	55.037	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	121269	54.059	ug/l	99
89) n-Butylbenzene	13.697	91	202080	50.021	ug/l	96
90) Hexachloroethane	13.959	117	46113	54.249	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	114850	54.968	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11381	48.762	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	56203	41.899	ug/l	97
94) Hexachlorobutadiene	15.111	225	20679	28.341	ug/l	98
95) Naphthalene	15.233	128	158532	47.444	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	51153	42.226	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
Data File : VY015322.D
Acq On : 24 Aug 2023 19:13
Operator : SY/MD
Sample : 04109-03MSD
Misc : 5.85g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Aug 25 03:25:06 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

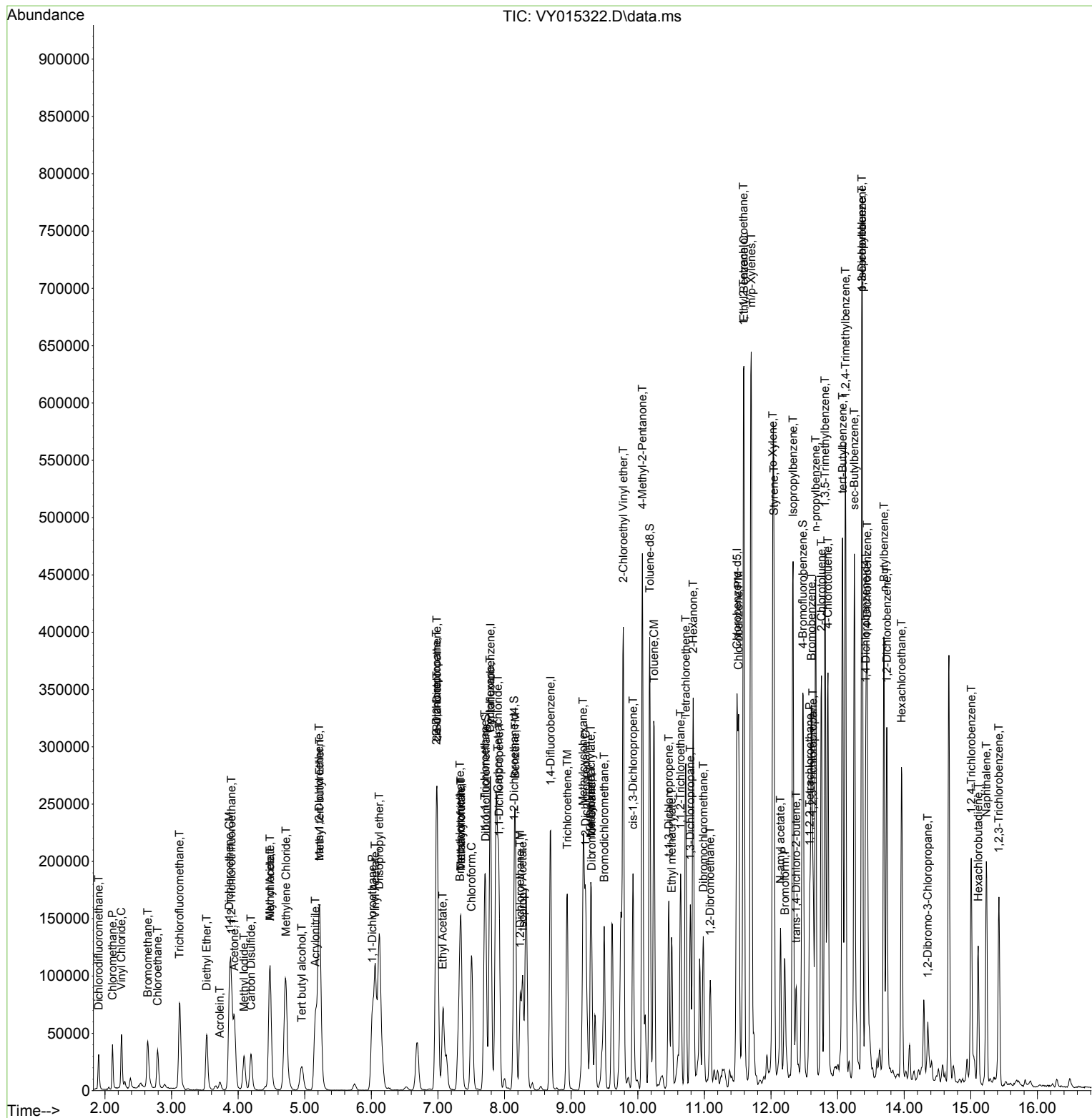
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

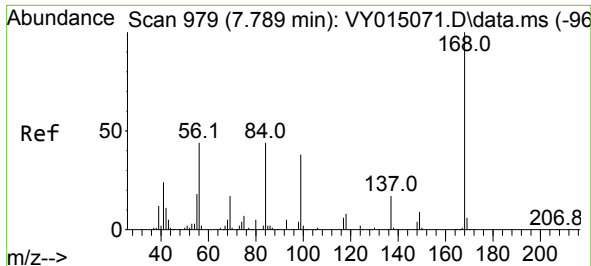
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
 Data File : VY015322.D
 Acq On : 24 Aug 2023 19:13
 Operator : SY/MD
 Sample : 04109-03MSD
 Misc : 5.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

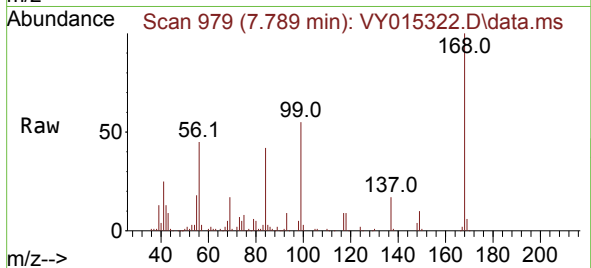
Quant Time: Aug 25 03:25:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration



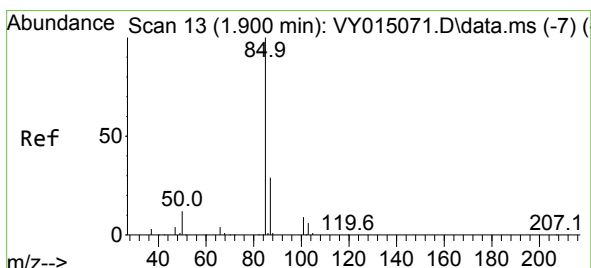
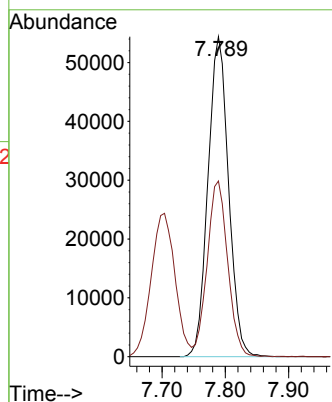
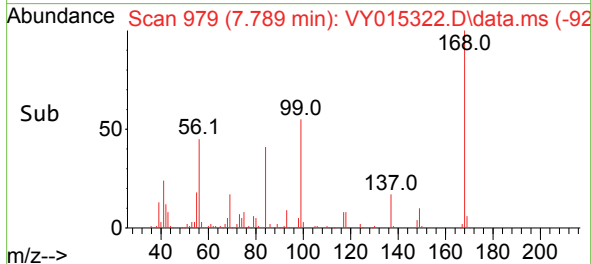


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

Instrument :
MSVOA_Y
ClientSampleId :

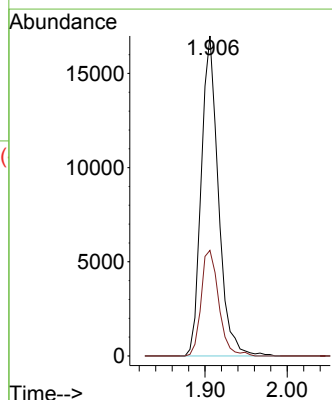
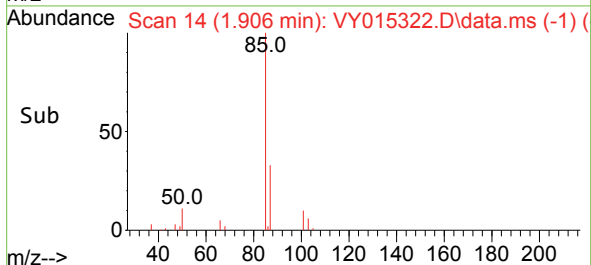
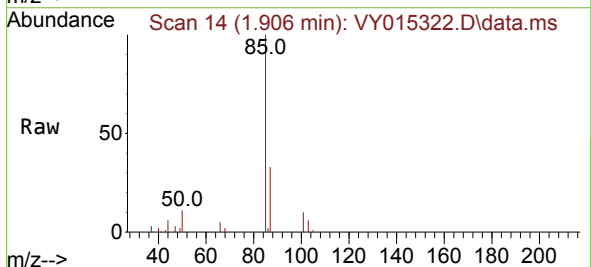


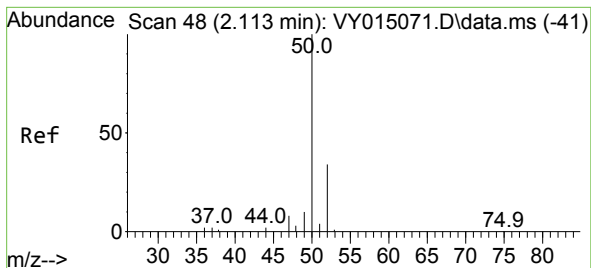
Tgt Ion:168 Resp: 122659
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 46.477 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

Tgt Ion: 85 Resp: 24599
Ion Ratio Lower Upper
85 100
87 33.0 15.6 46.8





#3

Chloromethane

Concen: 40.397 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015322.D

Acq: 24 Aug 2023 19:13

Instrument :

MSVOA_Y

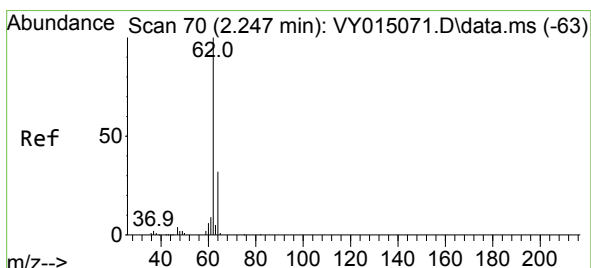
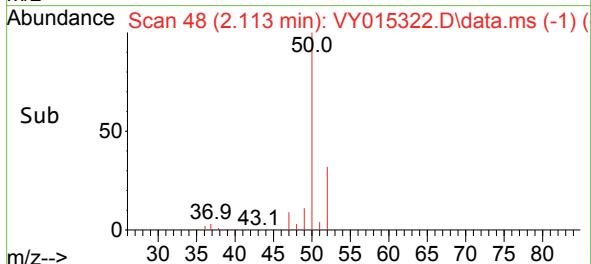
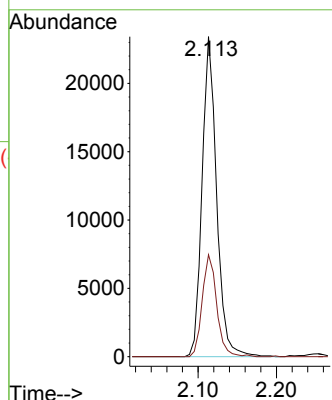
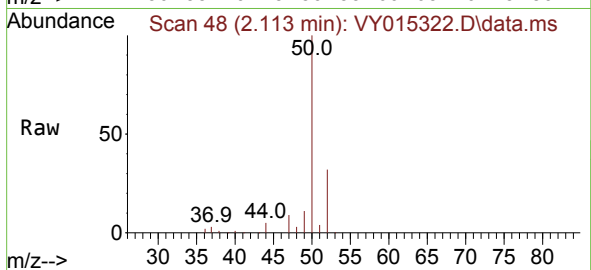
ClientSampleId :

Tgt Ion: 50 Resp: 30129

Ion Ratio Lower Upper

50 100

52 31.9 25.4 38.2



#4

Vinyl Chloride

Concen: 45.120 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY015322.D

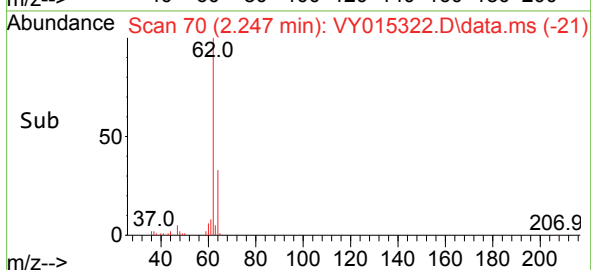
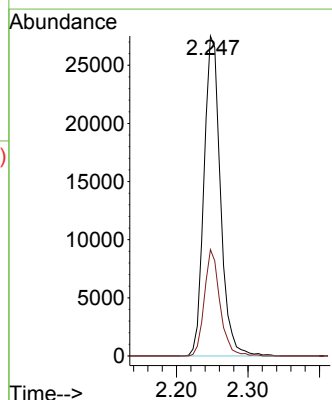
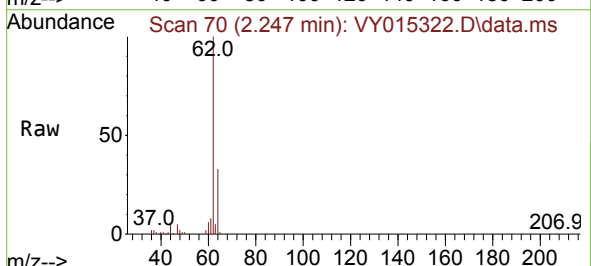
Acq: 24 Aug 2023 19:13

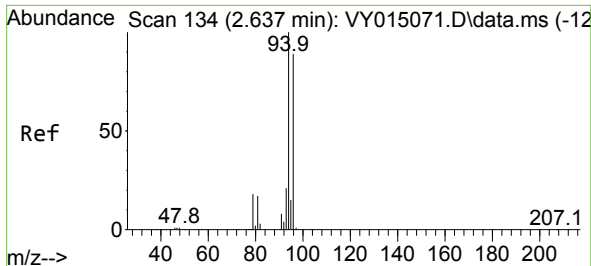
Tgt Ion: 62 Resp: 44039

Ion Ratio Lower Upper

62 100

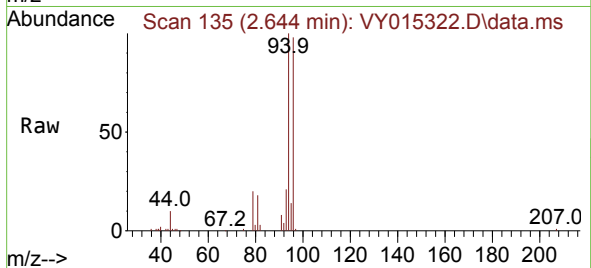
64 33.2 24.3 36.5



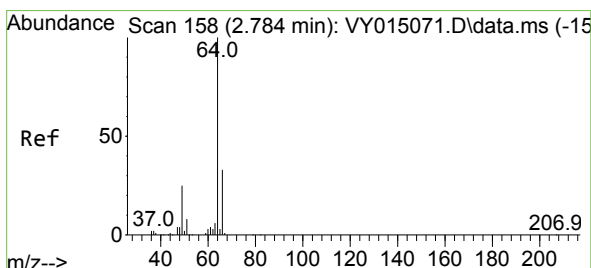
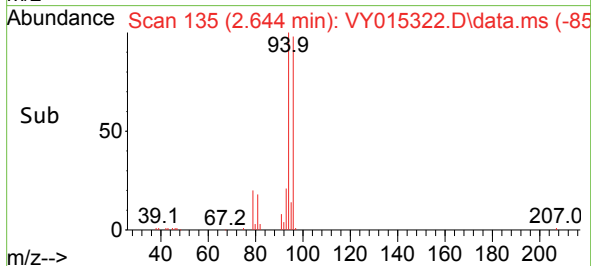
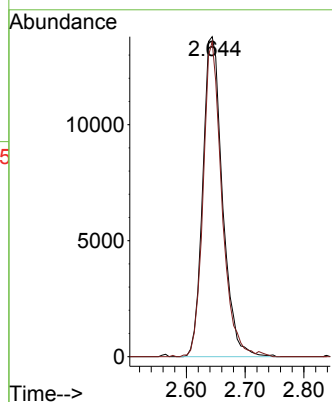


#5
Bromomethane
Concen: 46.551 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

Instrument :
MSVOA_Y
ClientSampleId :

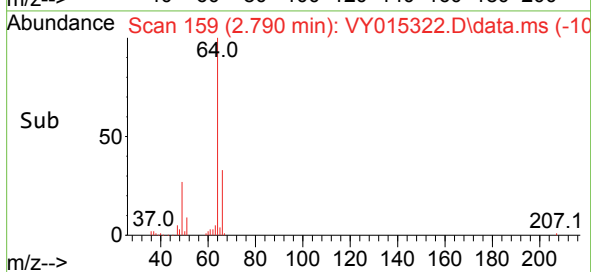
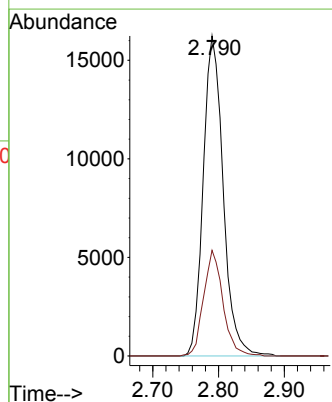
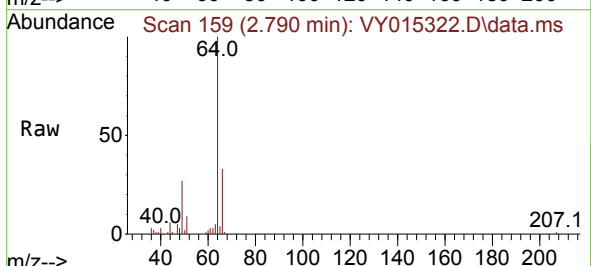


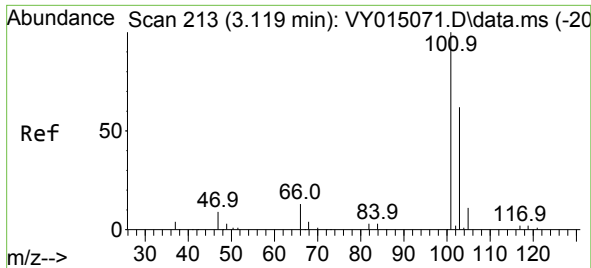
Tgt Ion: 94 Resp: 32128
Ion Ratio Lower Upper
94 100
96 98.4 75.8 113.6



#6
Chloroethane
Concen: 48.357 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

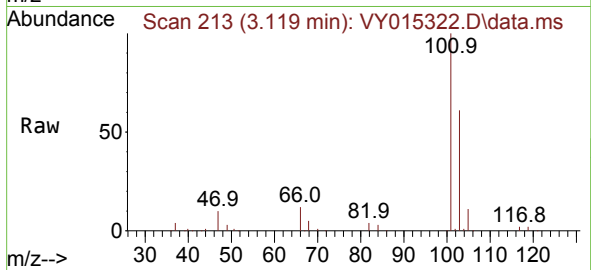
Tgt Ion: 64 Resp: 34267
Ion Ratio Lower Upper
64 100
66 33.0 24.4 36.6



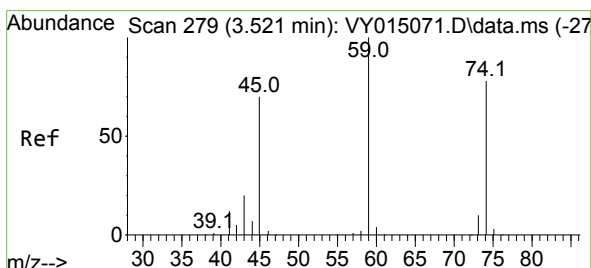
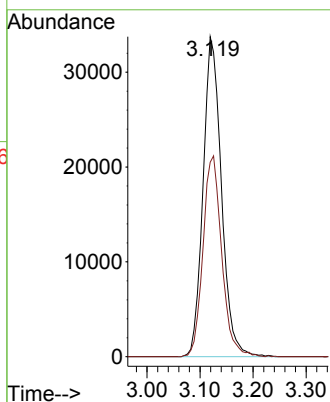
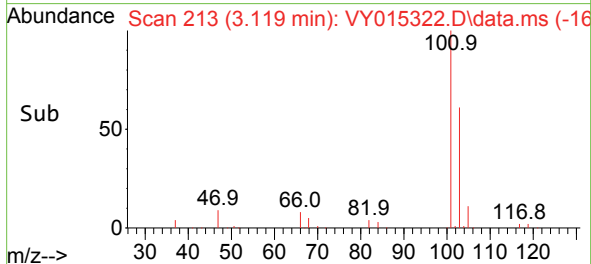


#7
 Trichlorofluoromethane
 Concen: 49.367 ug/l
 RT: 3.119 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY015322.D
 Acq: 24 Aug 2023 19:13

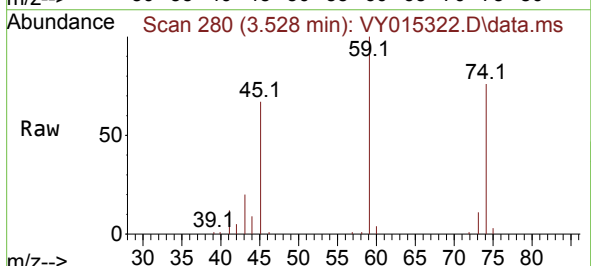
Instrument :
 MSVOA_Y
 ClientSampleId :



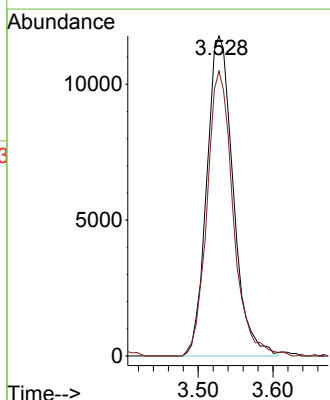
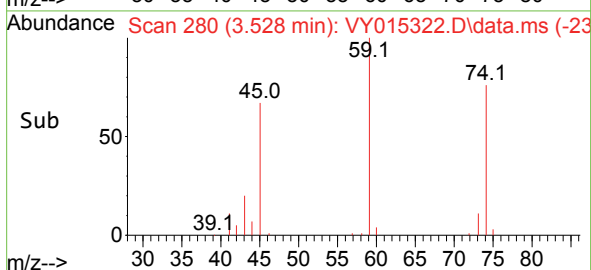
Tgt Ion:101 Resp: 81190
 Ion Ratio Lower Upper
 101 100
 103 60.7 51.4 77.0

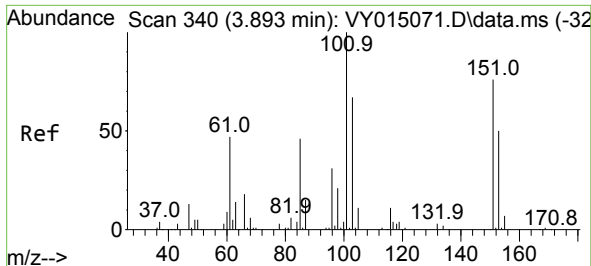


#8
 Diethyl Ether
 Concen: 44.848 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY015322.D
 Acq: 24 Aug 2023 19:13



Tgt Ion: 74 Resp: 28927
 Ion Ratio Lower Upper
 74 100
 45 88.1 51.5 154.5

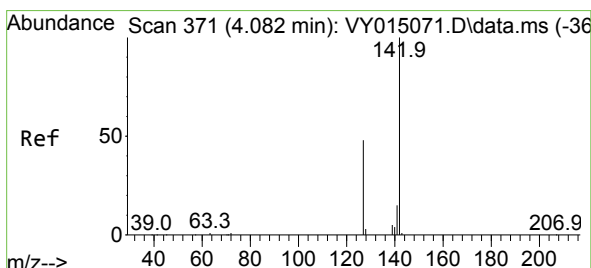
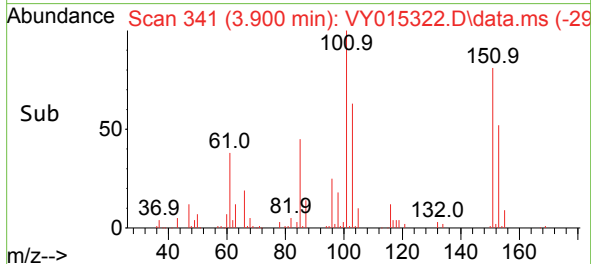
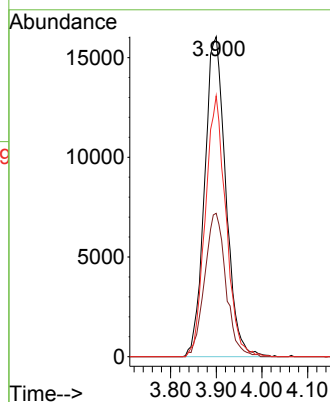
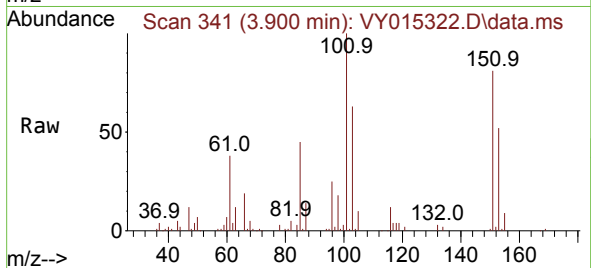




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.513 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

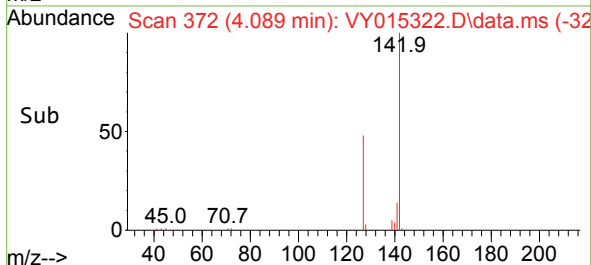
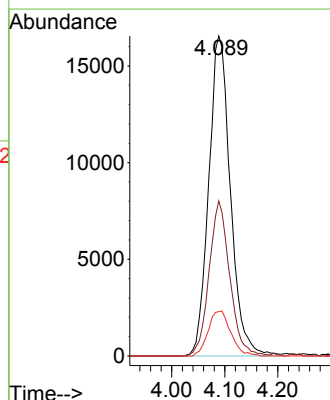
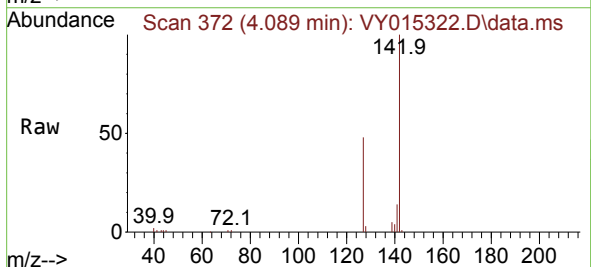
Instrument :
MSVOA_Y
ClientSampleId :

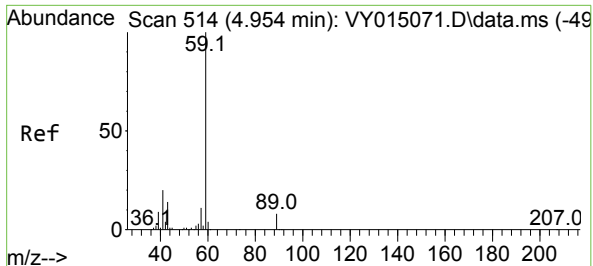
Tgt Ion:101 Resp: 51631
Ion Ratio Lower Upper
101 100
85 45.2 36.6 55.0
151 79.4 67.0 100.6



#10
Methyl Iodide
Concen: 46.897 ug/l
RT: 4.089 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

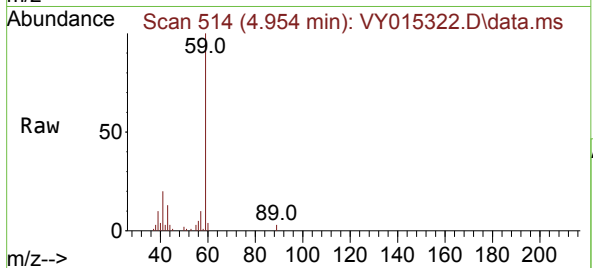
Tgt Ion:142 Resp: 47069
Ion Ratio Lower Upper
142 100
127 46.1 37.6 56.4
141 14.6 11.8 17.8



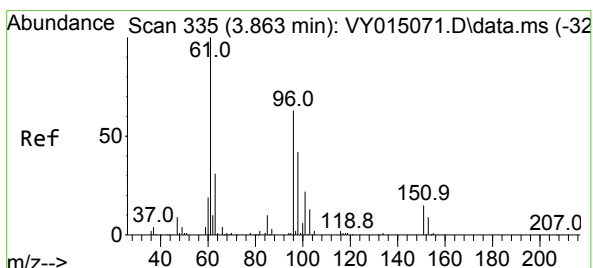
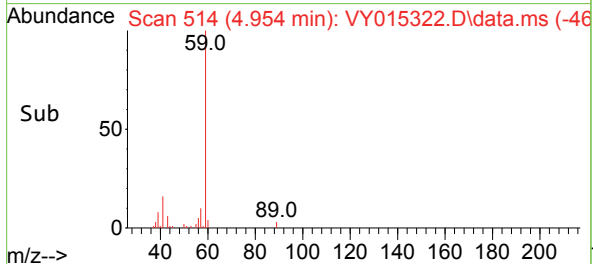
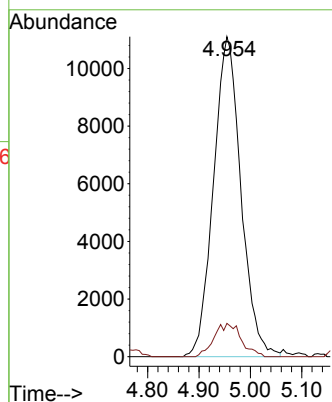


#11
Tert butyl alcohol
Concen: 164.291 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

Instrument :
MSVOA_Y
ClientSampleId :

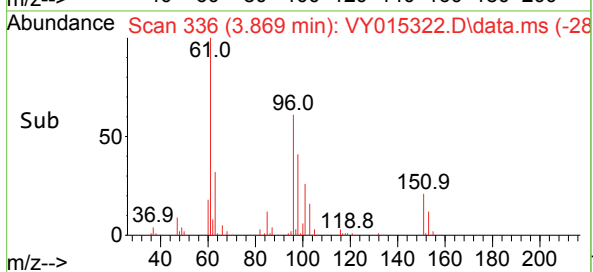
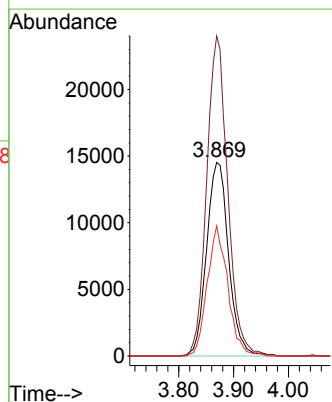
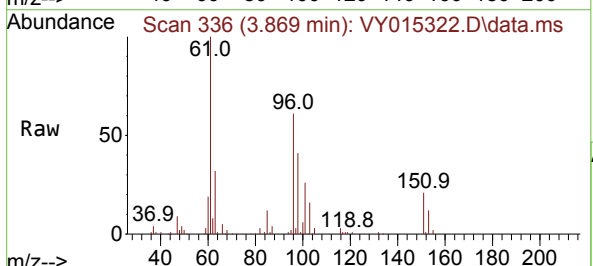


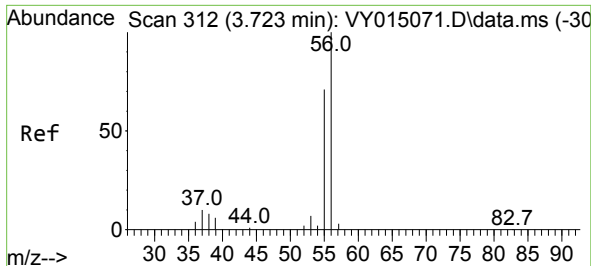
Tgt Ion: 59 Resp: 41173
Ion Ratio Lower Upper
59 100
57 10.3 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 47.465 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

Tgt Ion: 96 Resp: 40512
Ion Ratio Lower Upper
96 100
61 165.3 136.4 204.6
98 67.2 49.4 74.2

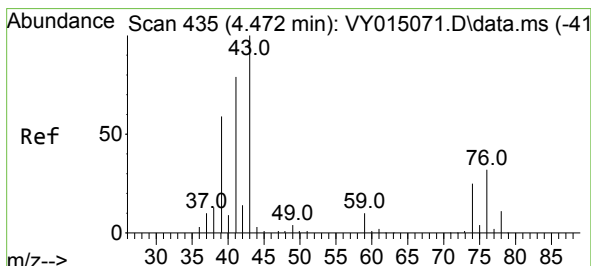
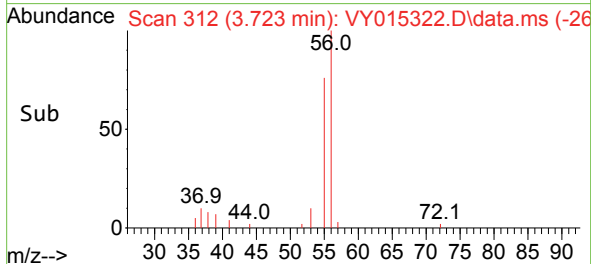
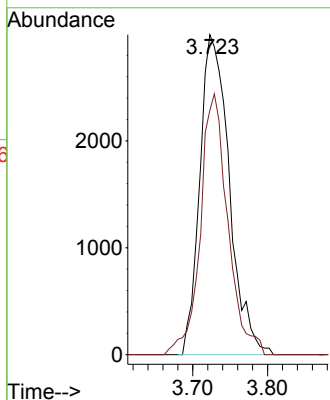
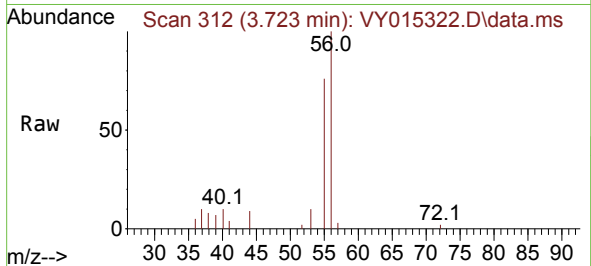




#13
Acrolein
Concen: 37.773 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

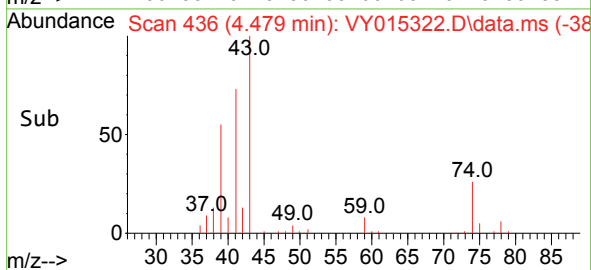
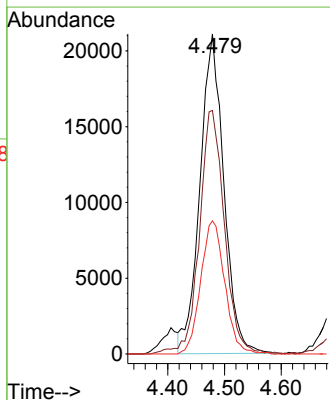
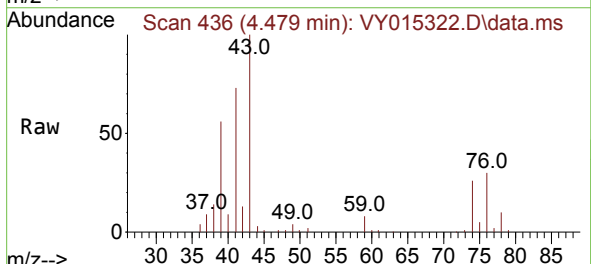
Instrument :
MSVOA_Y
ClientSampleId :

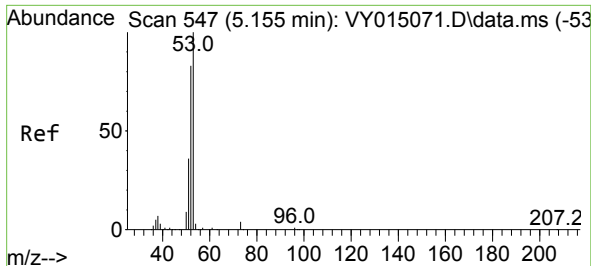
Tgt Ion: 56 Resp: 8196
Ion Ratio Lower Upper
56 100
55 76.0 57.0 85.4



#14
Allyl chloride
Concen: 40.812 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

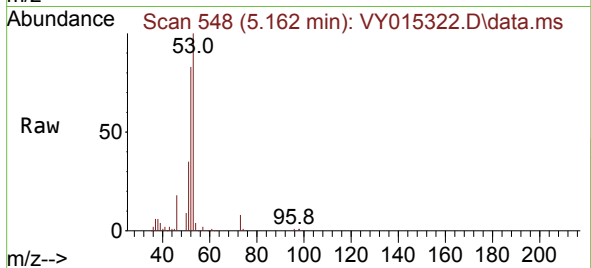
Tgt Ion: 41 Resp: 61758
Ion Ratio Lower Upper
41 100
39 79.4 58.0 87.0
76 41.9 27.4 41.2#





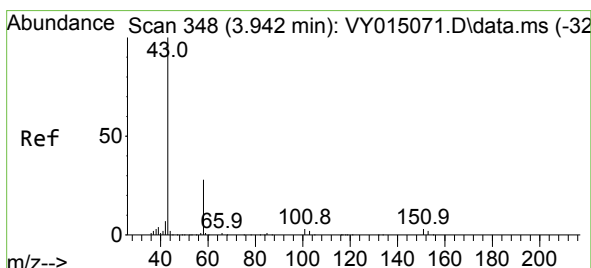
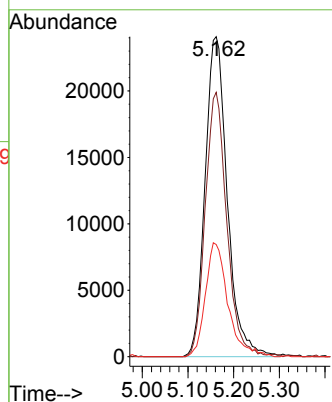
#15
Acrylonitrile
Concen: 185.627 ug/l
RT: 5.162 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 53 Resp: 81139

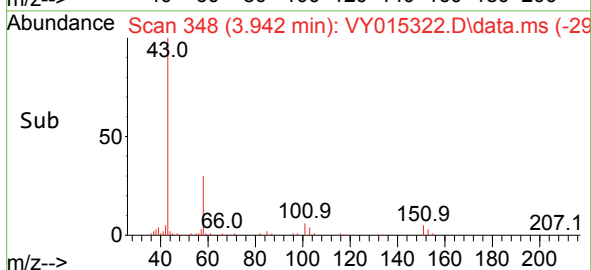
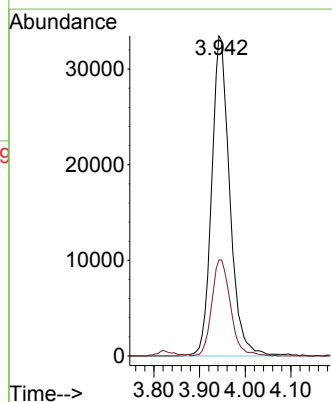
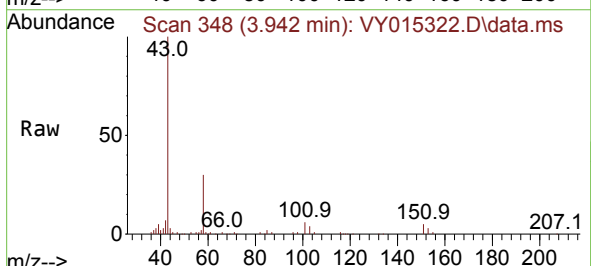
Ion	Ratio	Lower	Upper
53	100		
52	79.7	66.9	100.3
51	36.2	29.8	44.6

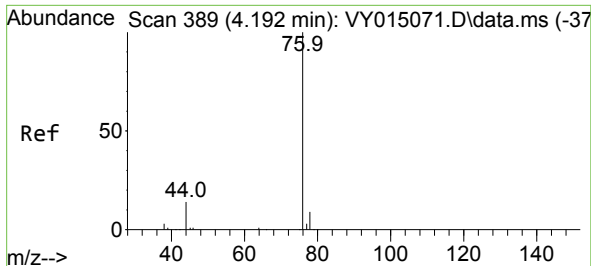


#16
Acetone
Concen: 191.072 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

Tgt Ion: 43 Resp: 91908

Ion	Ratio	Lower	Upper
43	100		
58	30.1	22.7	34.1

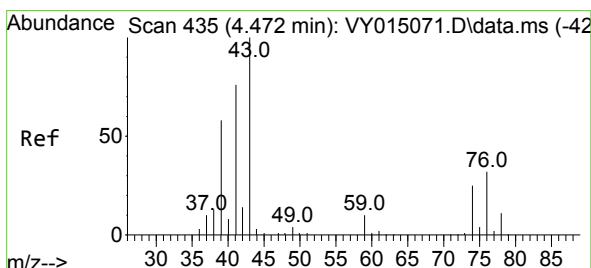
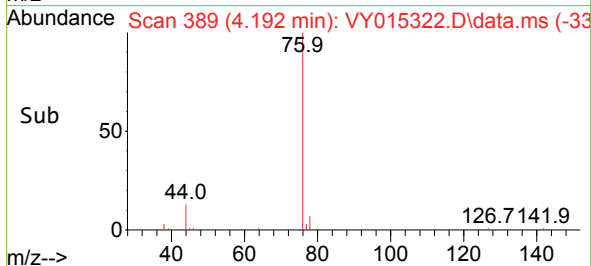
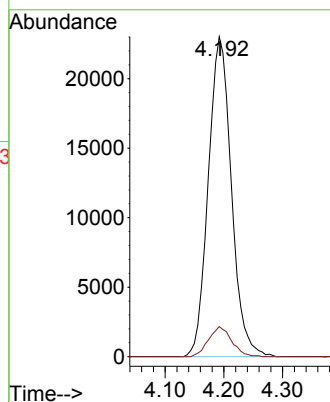
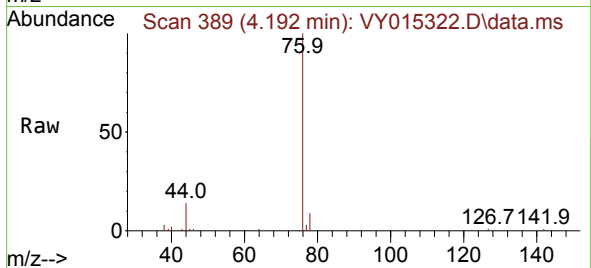




#17
Carbon Disulfide
Concen: 41.867 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

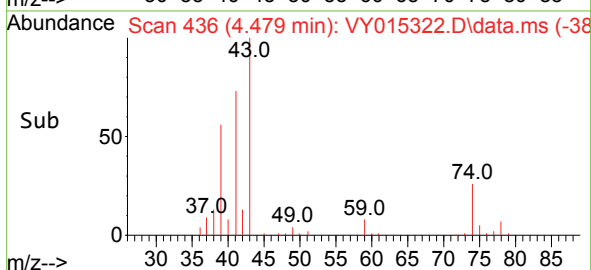
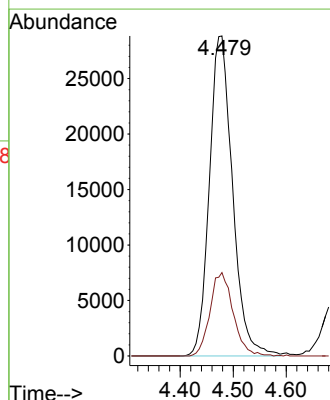
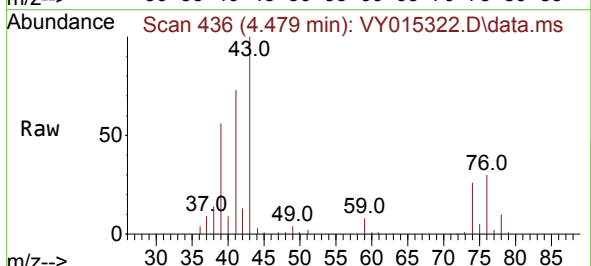
Instrument :
MSVOA_Y
ClientSampleId :

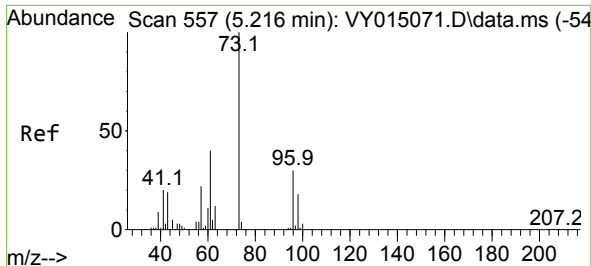
Tgt Ion: 76 Resp: 62887
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 49.606 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.013 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

Tgt Ion: 43 Resp: 87441
Ion Ratio Lower Upper
43 100
74 26.0 17.4 26.0

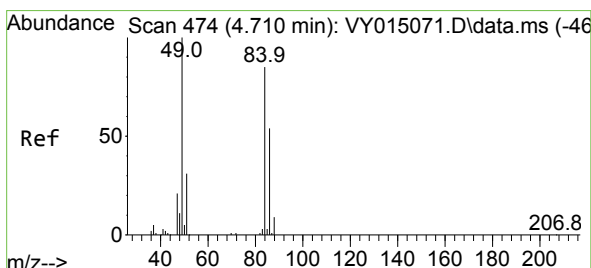
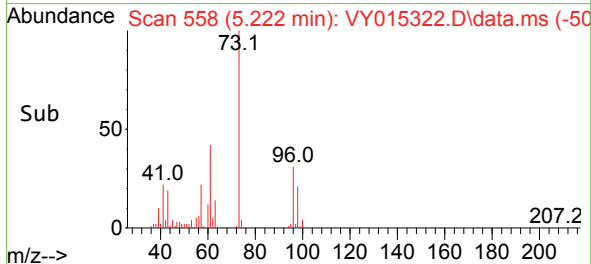
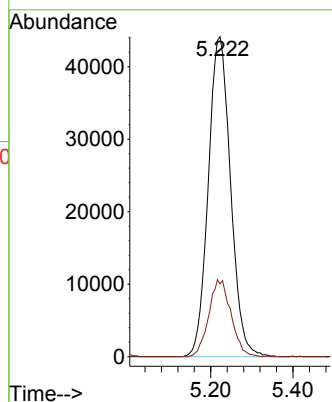
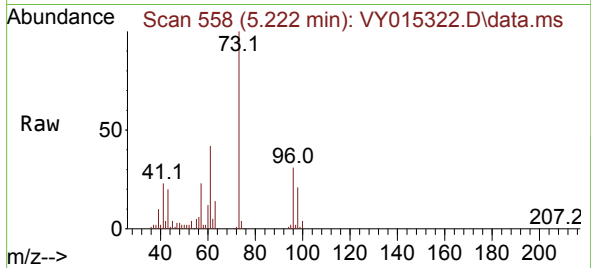




#19
Methyl tert-butyl Ether
Concen: 45.762 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

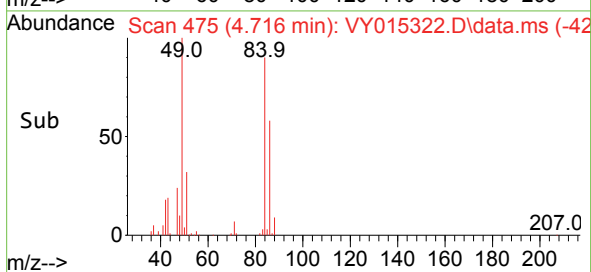
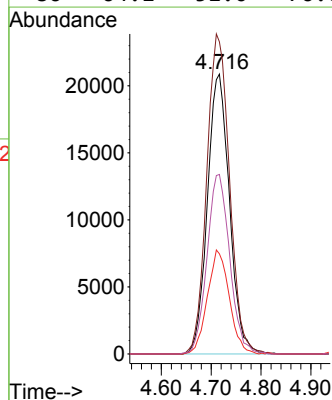
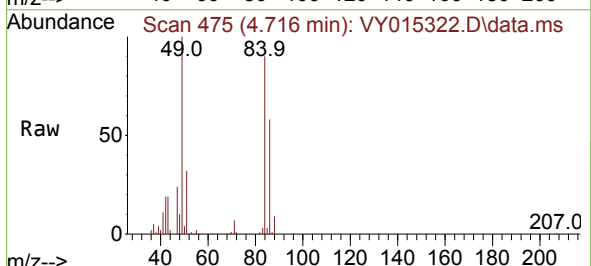
Instrument :
MSVOA_Y
ClientSampleId :

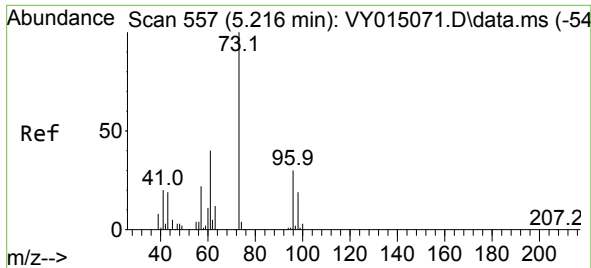
Tgt Ion: 73 Resp: 166075
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9



#20
Methylene Chloride
Concen: 56.308 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

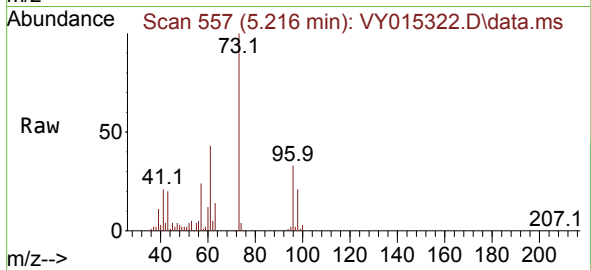
Tgt Ion: 84 Resp: 64311
Ion Ratio Lower Upper
84 100
49 111.5 106.9 160.3
51 35.8 33.2 49.8
86 64.1 51.0 76.6



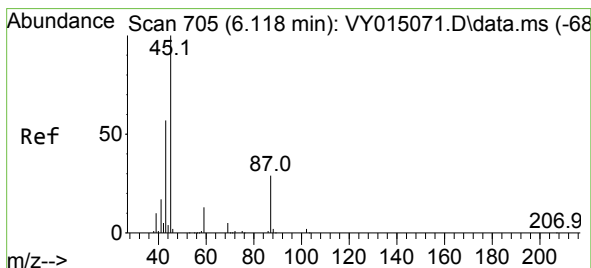
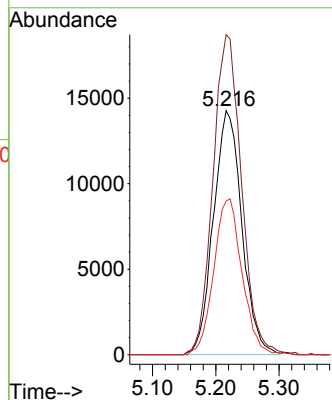
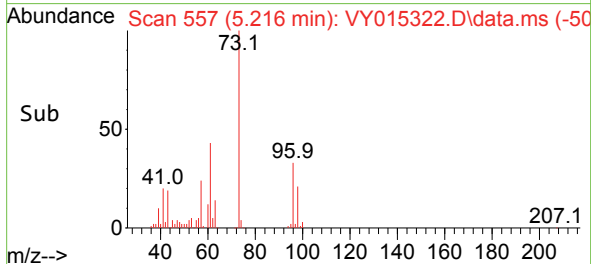


#21
trans-1,2-Dichloroethene
Concen: 46.269 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

Instrument :
MSVOA_Y
ClientSampleId :

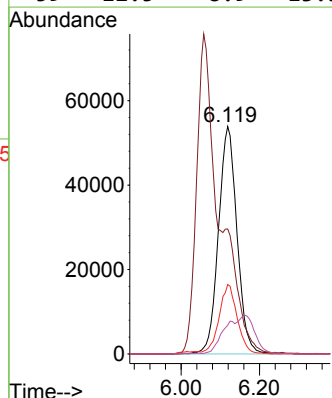
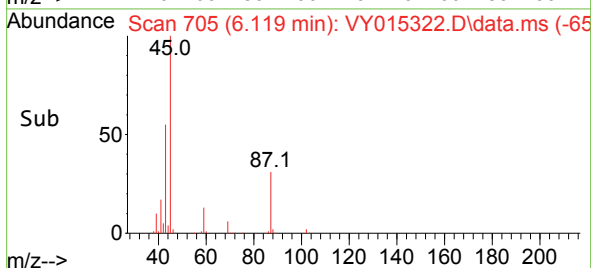
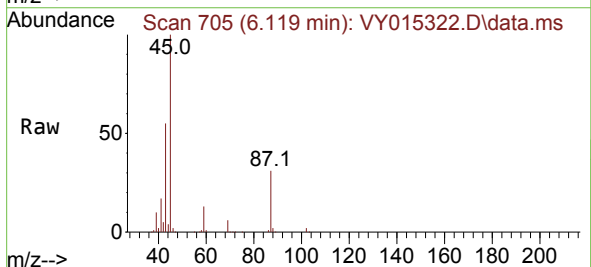


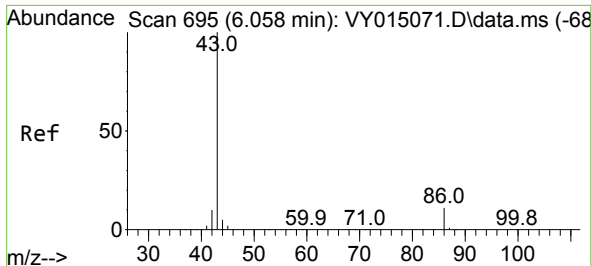
Tgt Ion: 96 Resp: 44545
Ion Ratio Lower Upper
96 100
61 131.2 110.2 165.4
98 63.0 51.8 77.6



#22
Diisopropyl ether
Concen: 46.965 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

Tgt Ion: 45 Resp: 177337
Ion Ratio Lower Upper
45 100
43 54.5 52.2 78.4
87 30.6 21.0 31.6
59 12.5 8.9 13.3

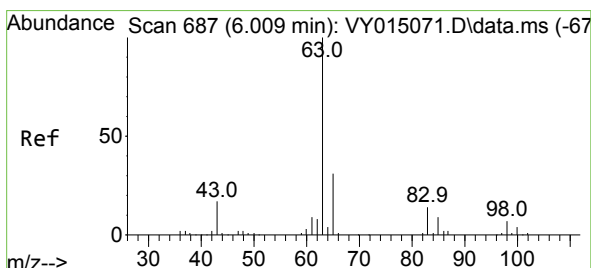
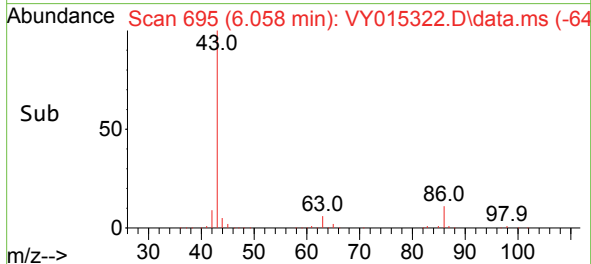
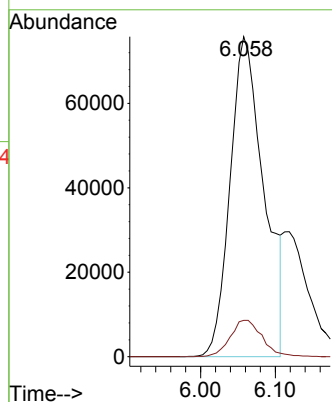
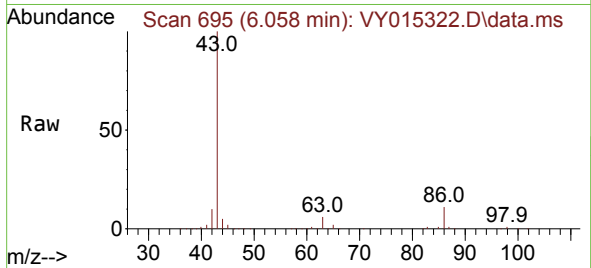




#23
 Vinyl Acetate
 Concen: 105.794 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY015322.D
 Acq: 24 Aug 2023 19:13

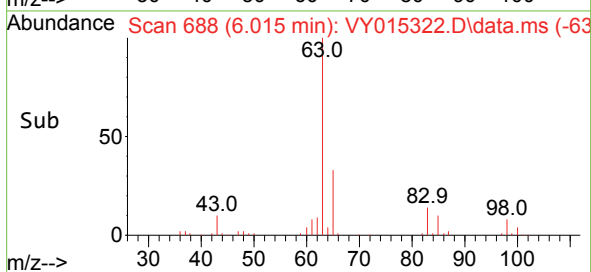
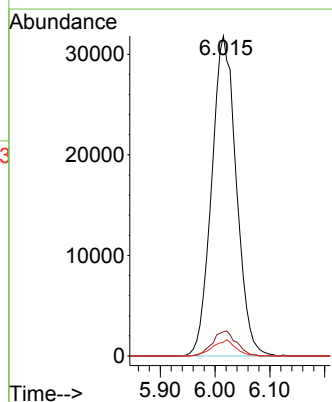
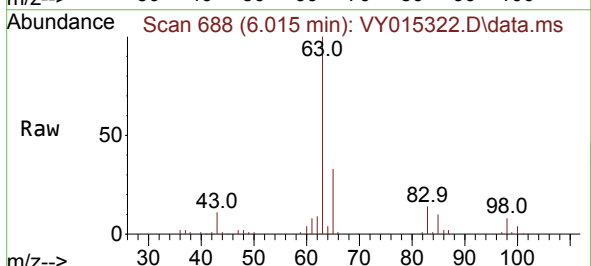
Instrument :
 MSVOA_Y
 ClientSampleId :

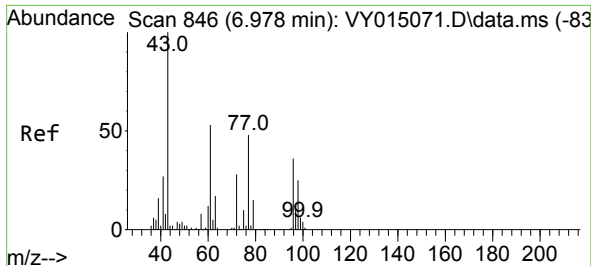
Tgt Ion: 43 Resp: 238363
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 48.668 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY015322.D
 Acq: 24 Aug 2023 19:13

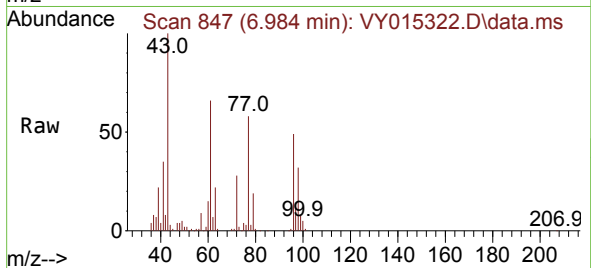
Tgt Ion: 63 Resp: 99490
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.1 9.4
 100 4.4 1.8 5.5



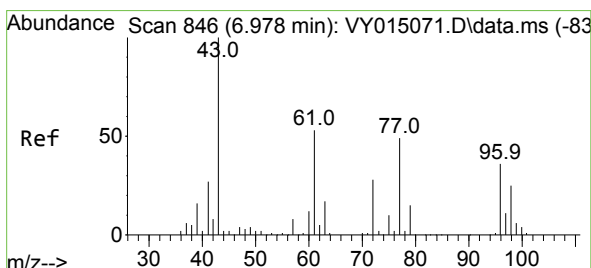
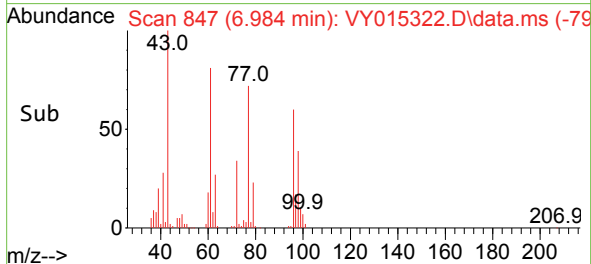
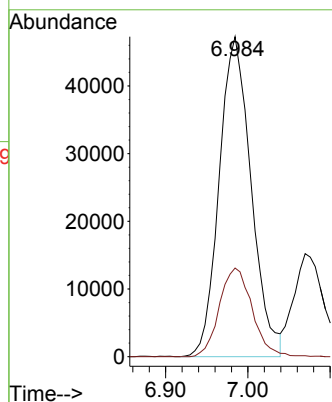


#25
2-Butanone
Concen: 187.641 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

Instrument :
MSVOA_Y
ClientSampleId :

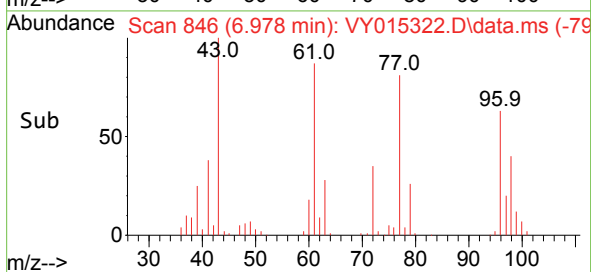
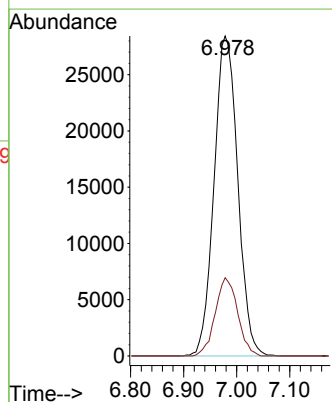
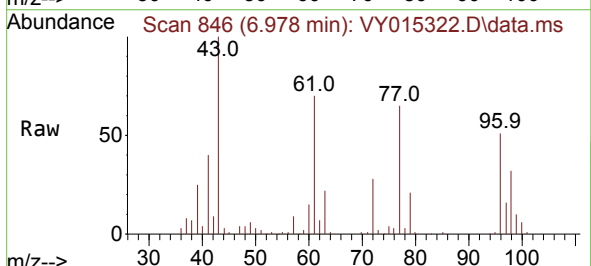


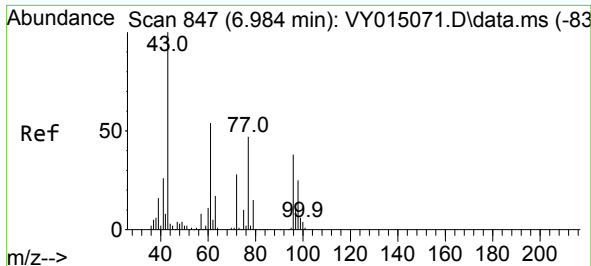
Tgt Ion: 43 Resp: 127795
Ion Ratio Lower Upper
43 100
72 27.7 20.5 30.7



#26
2,2-Dichloropropane
Concen: 44.752 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

Tgt Ion: 77 Resp: 88192
Ion Ratio Lower Upper
77 100
97 23.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 48.083 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

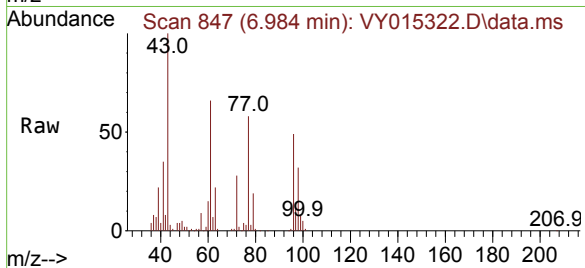
Lab File: VY015322.D

Acq: 24 Aug 2023 19:13

Instrument :

MSVOA_Y

ClientSampleId :



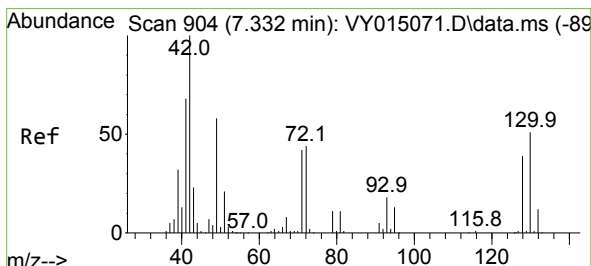
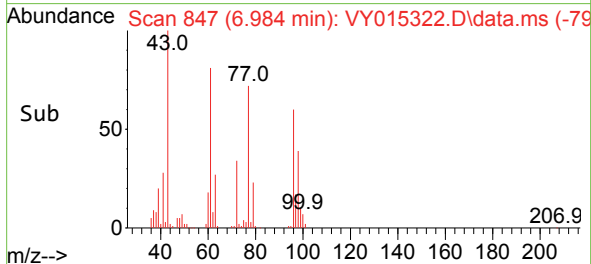
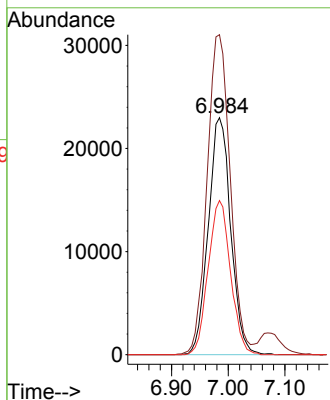
Tgt Ion: 96 Resp: 63235

Ion Ratio Lower Upper

96 100

61 138.9 0.0 301.4

98 64.7 0.0 130.4



#28

Bromochloromethane

Concen: 41.873 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY015322.D

Acq: 24 Aug 2023 19:13

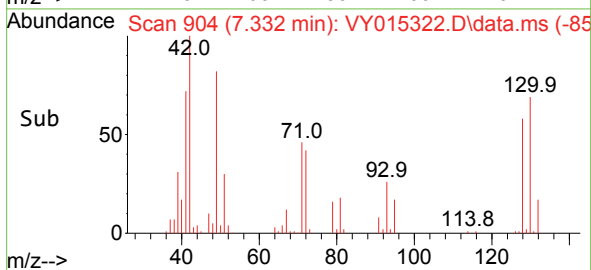
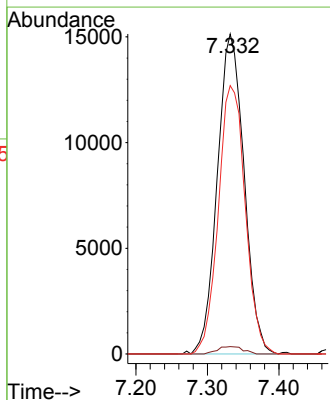
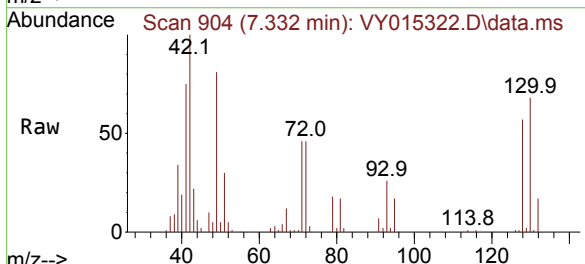
Tgt Ion: 49 Resp: 39327

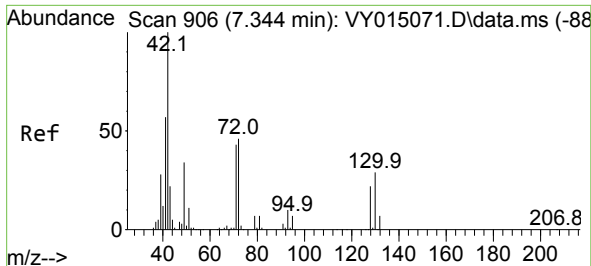
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

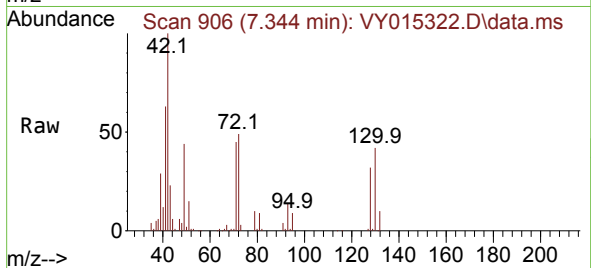
130 84.3 60.7 91.1



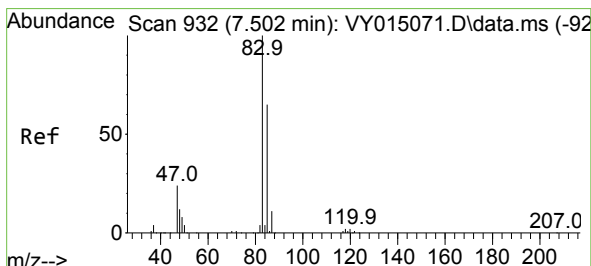
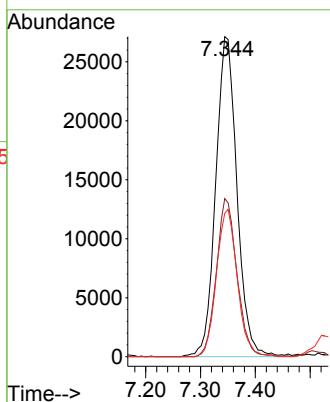
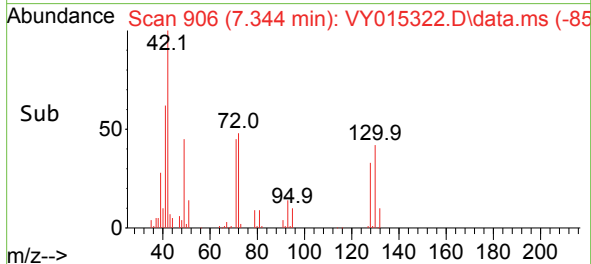


#29
Tetrahydrofuran
Concen: 179.426 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

Instrument :
MSVOA_Y
ClientSampleId :

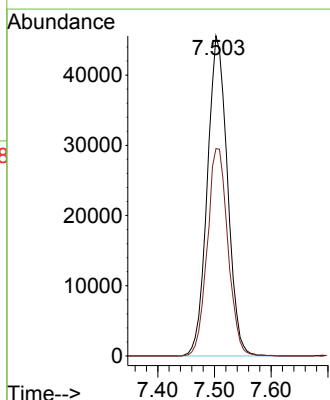
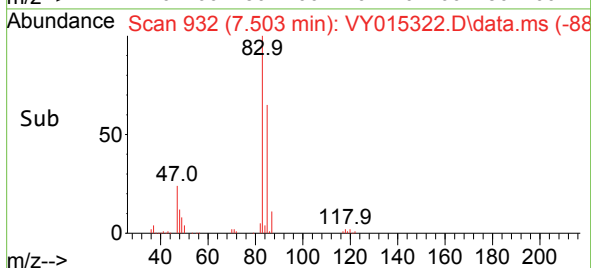
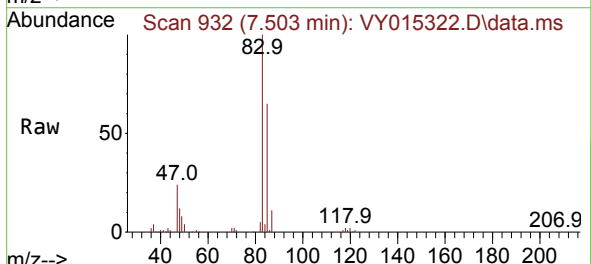


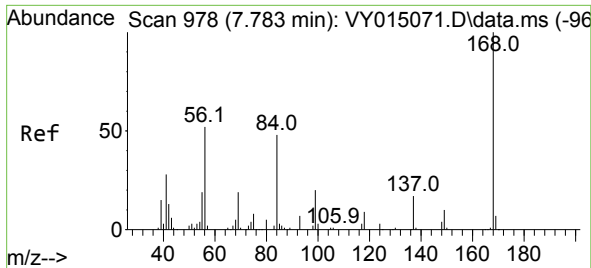
Tgt Ion: 42 Resp: 73069
Ion Ratio Lower Upper
42 100
72 48.0 32.8 49.2
71 45.2 31.0 46.4



#30
Chloroform
Concen: 49.036 ug/l
RT: 7.503 min Scan# 932
Delta R.T. 0.001 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

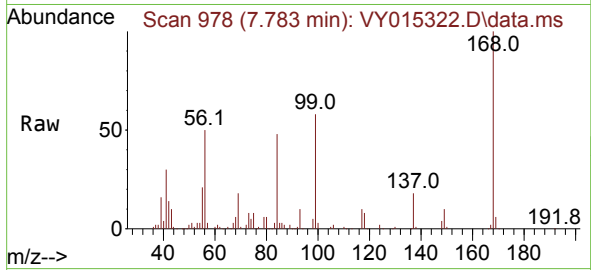
Tgt Ion: 83 Resp: 112375
Ion Ratio Lower Upper
83 100
85 64.8 49.7 74.5



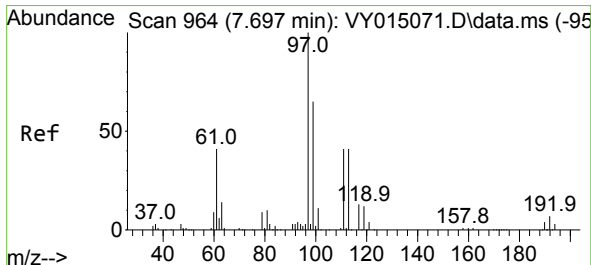
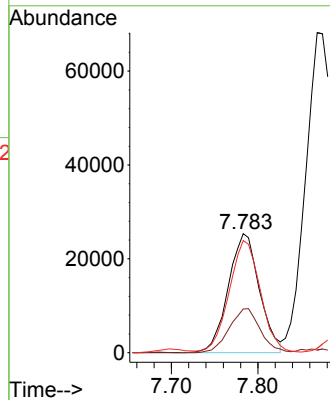
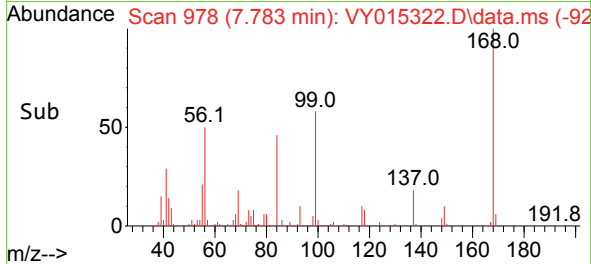


#31
Cyclohexane
Concen: 48.164 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

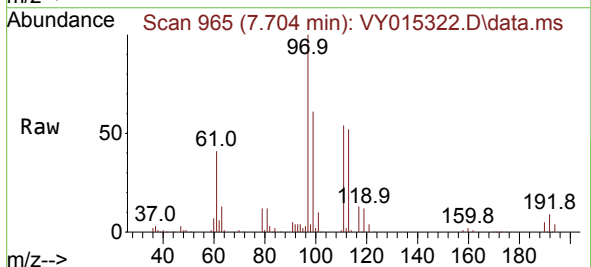
Instrument :
MSVOA_Y
ClientSampleId :



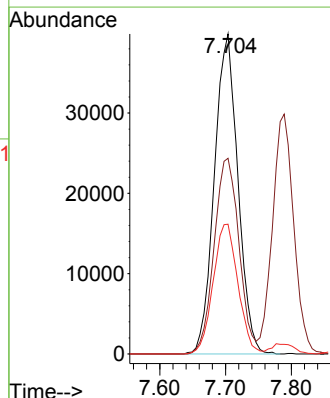
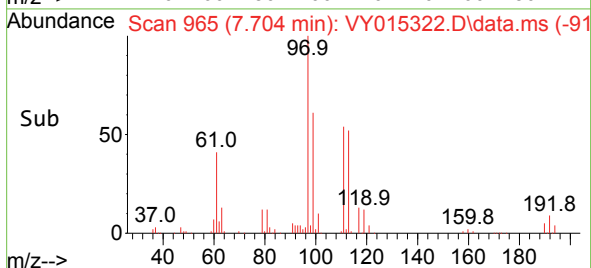
Tgt Ion: 56 Resp: 63468
Ion Ratio Lower Upper
56 100
69 36.6 27.8 41.6
84 91.9 66.4 99.6

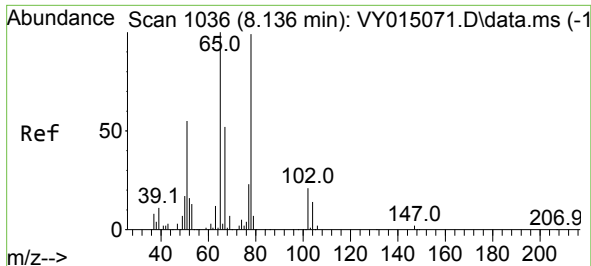


#32
1,1,1-Trichloroethane
Concen: 50.979 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13



Tgt Ion: 97 Resp: 99414
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 42.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 48.023 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015322.D

Acq: 24 Aug 2023 19:13

Instrument :

MSVOA_Y

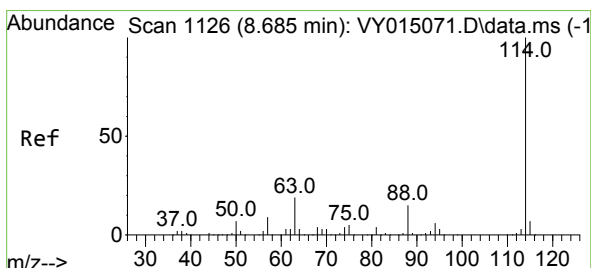
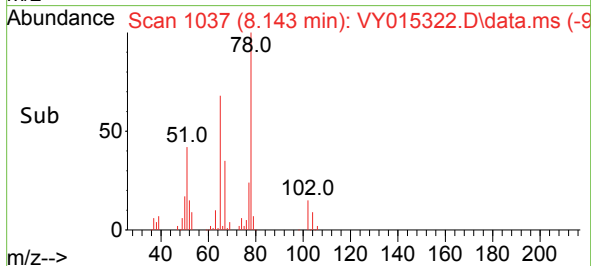
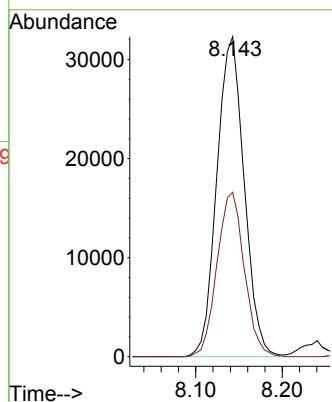
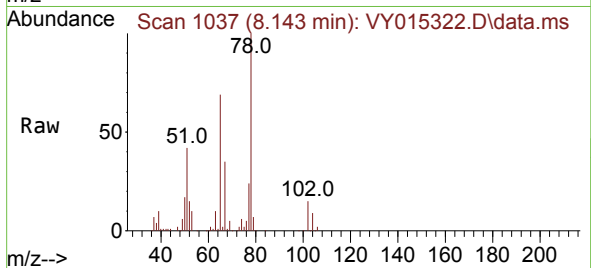
ClientSampleId :

Tgt Ion: 65 Resp: 70710

Ion Ratio Lower Upper

65 100

67 51.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015322.D

Acq: 24 Aug 2023 19:13

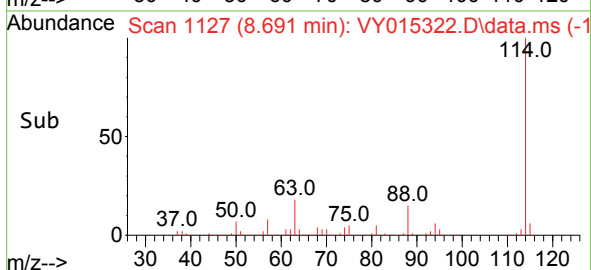
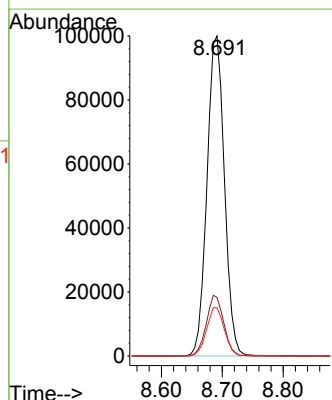
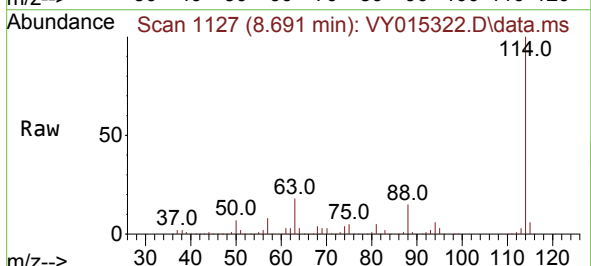
Tgt Ion: 114 Resp: 198767

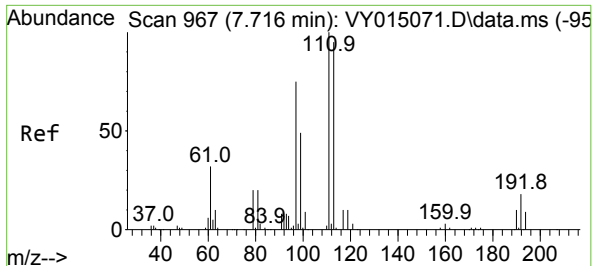
Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.4

88 15.0 0.0 30.6

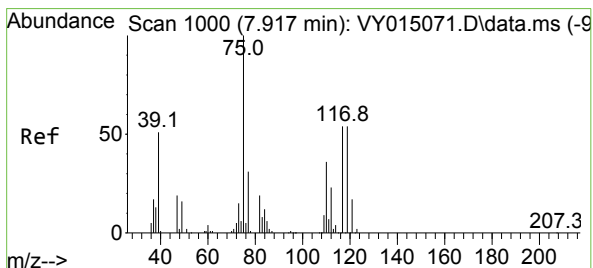
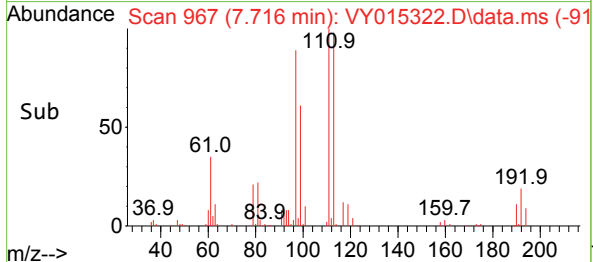
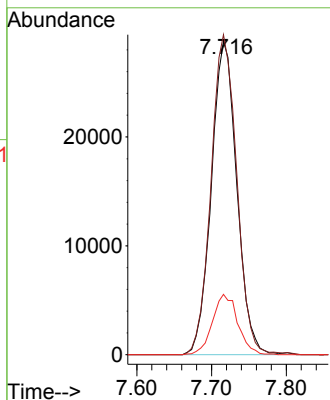
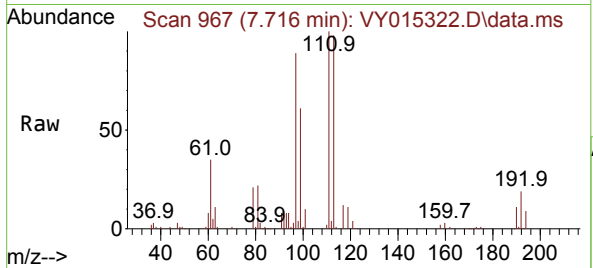




#35
 Dibromofluoromethane
 Concen: 53.364 ug/l
 RT: 7.716 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VY015322.D
 Acq: 24 Aug 2023 19:13

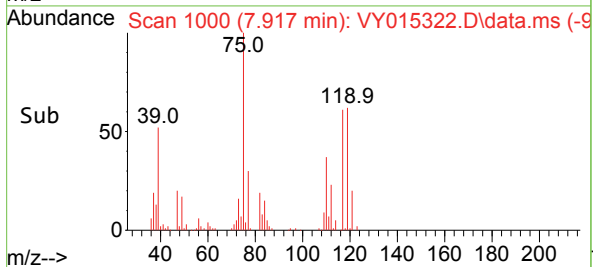
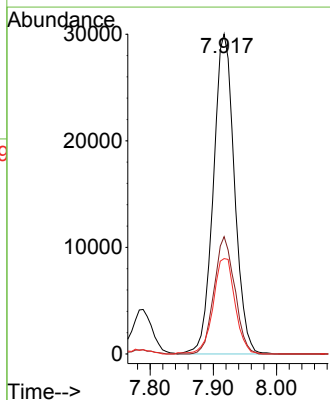
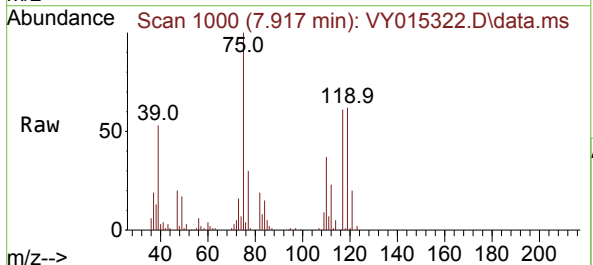
Instrument :
 MSVOA_Y
 ClientSampleId :

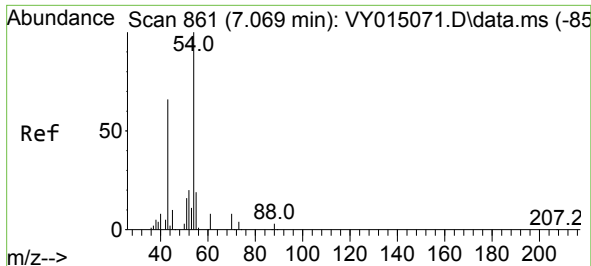
Tgt Ion:113 Resp: 68239
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.3 121.9
 192 19.2 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 48.981 ug/l
 RT: 7.917 min Scan# 1000
 Delta R.T. 0.006 min
 Lab File: VY015322.D
 Acq: 24 Aug 2023 19:13

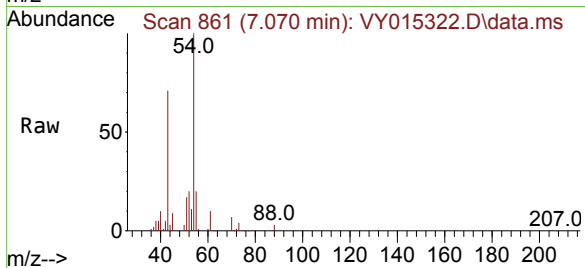
Tgt Ion: 75 Resp: 69293
 Ion Ratio Lower Upper
 75 100
 110 35.9 17.8 53.5
 77 31.0 24.4 36.6



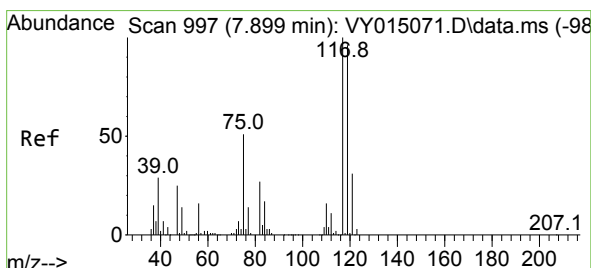
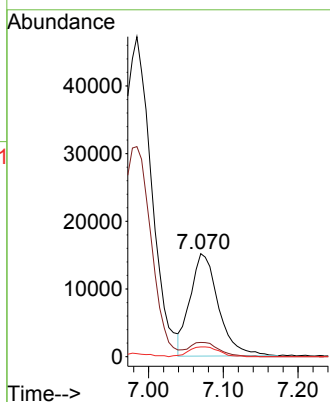
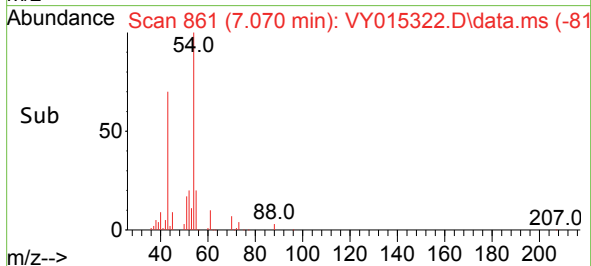


#37
Ethyl Acetate
Concen: 30.244 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

Instrument :
MSVOA_Y
ClientSampleId :

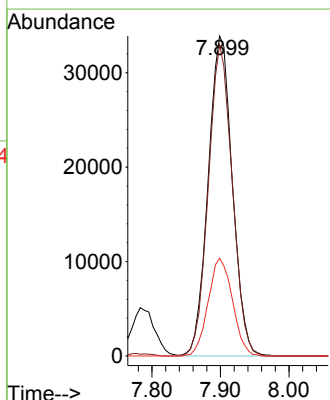
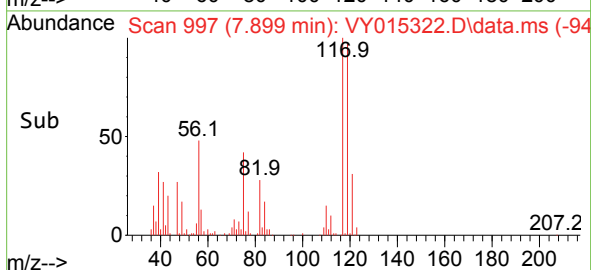
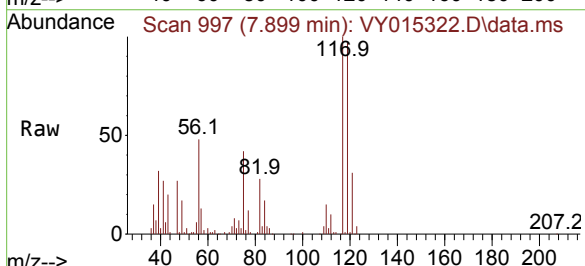


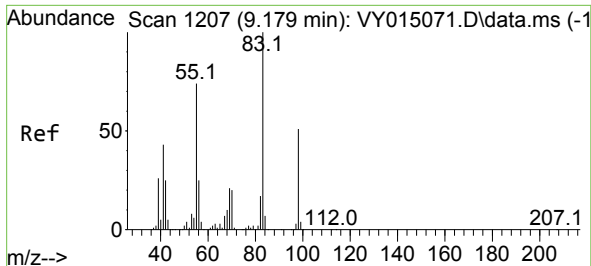
Tgt Ion: 43 Resp: 39881
Ion Ratio Lower Upper
43 100
61 14.4 10.1 15.1
70 10.2 7.1 10.7



#38
Carbon Tetrachloride
Concen: 49.691 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

Tgt Ion: 117 Resp: 83196
Ion Ratio Lower Upper
117 100
119 97.2 76.4 114.6
121 30.5 25.8 38.6





#39

Methylcyclohexane

Concen: 46.615 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

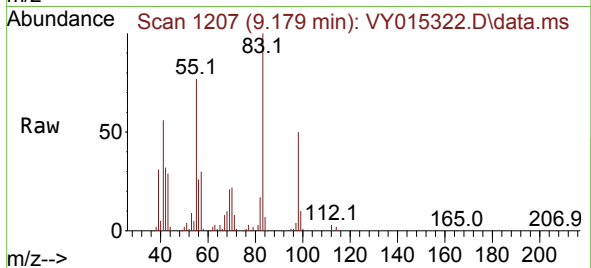
Lab File: VY015322.D

Acq: 24 Aug 2023 19:13

Instrument :

MSVOA_Y

ClientSampleId :



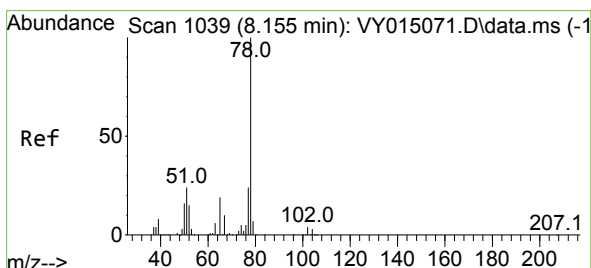
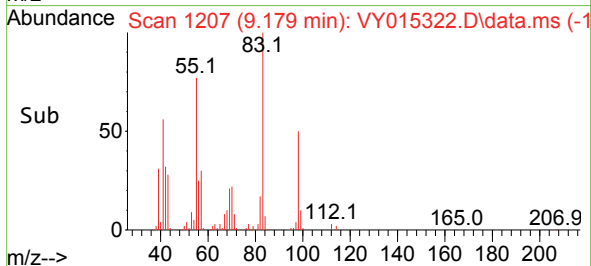
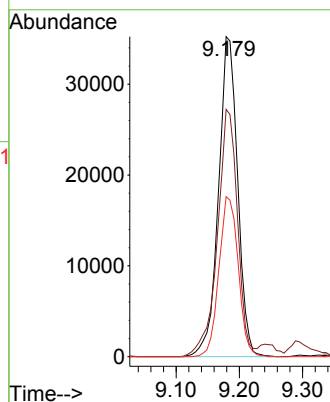
Tgt Ion: 83 Resp: 73928

Ion Ratio Lower Upper

83 100

55 77.3 63.0 94.4

98 50.0 37.4 56.2



#40

Benzene

Concen: 48.135 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY015322.D

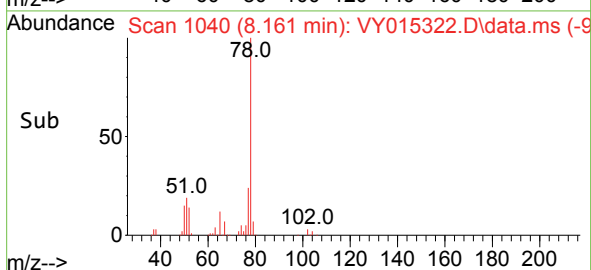
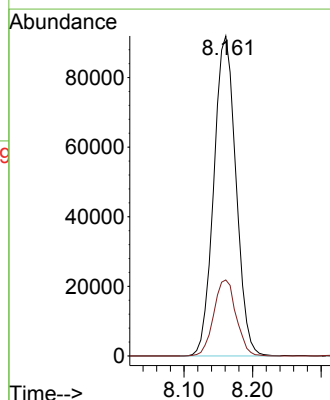
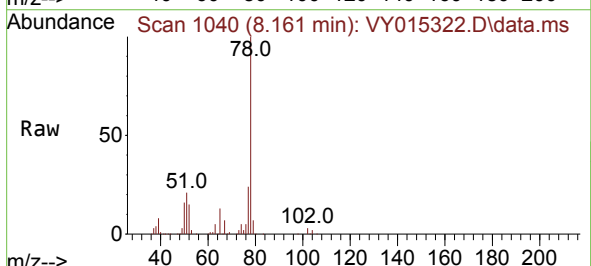
Acq: 24 Aug 2023 19:13

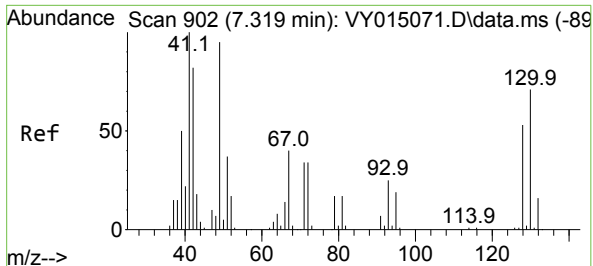
Tgt Ion: 78 Resp: 205877

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6

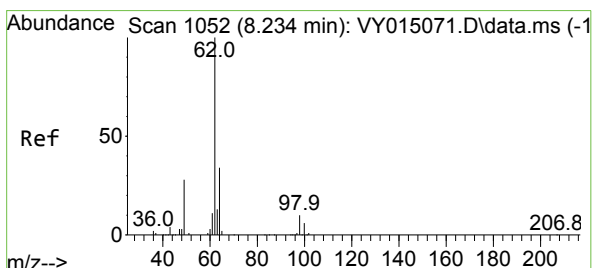
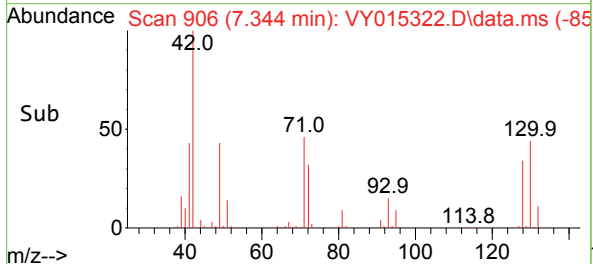
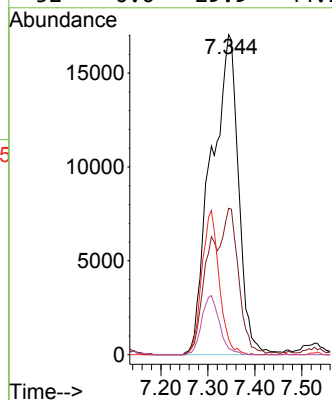
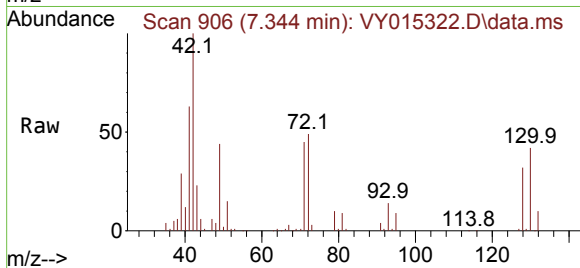




#41
Methacrylonitrile
Concen: 101.361 ug/l
RT: 7.344 min Scan# 902
Delta R.T. 0.037 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

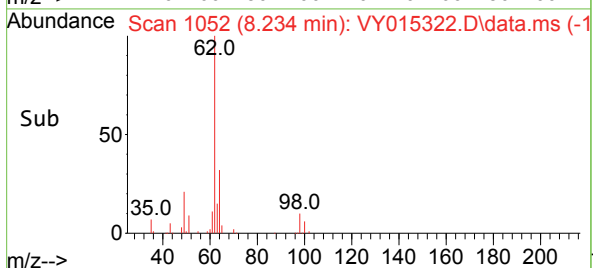
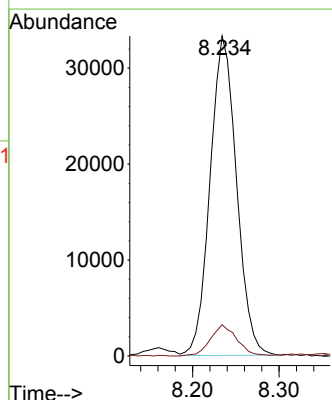
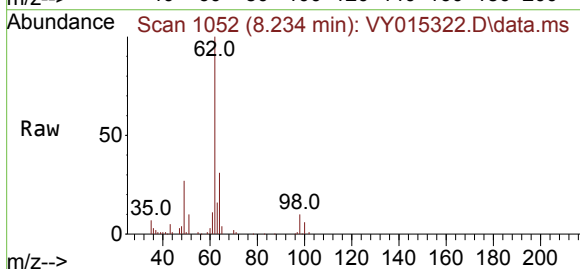
Instrument :
MSVOA_Y
ClientSampleId :

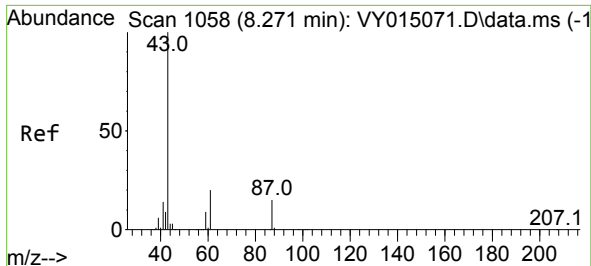
Tgt Ion:	41	Resp:	68922
Ion	Ratio	Lower	Upper
41	100		
39	25.9	52.1	78.1#
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 45.450 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

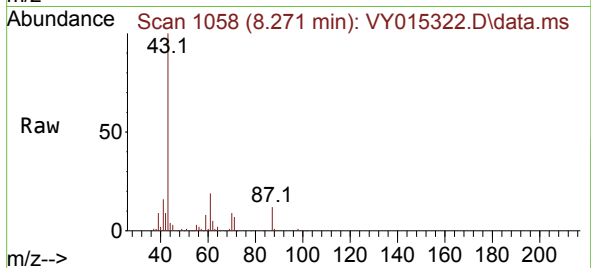
Tgt Ion:	62	Resp:	70600
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	15.8



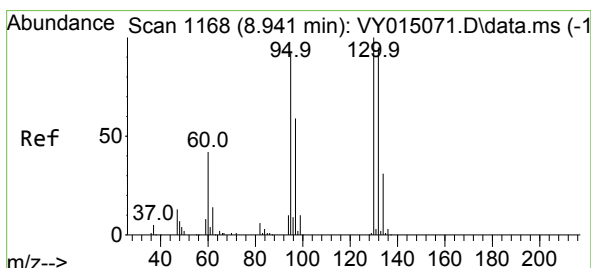
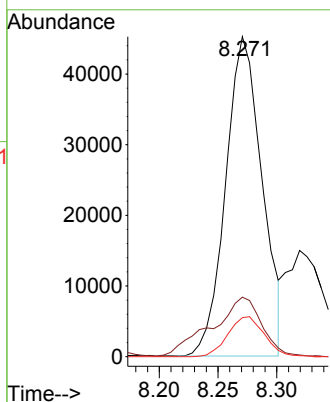
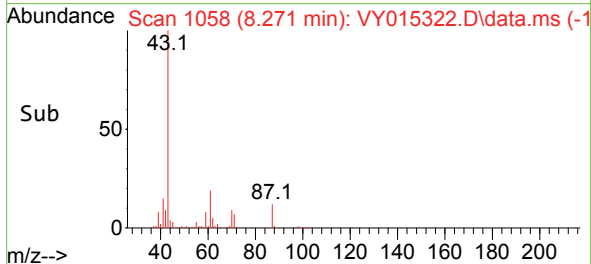


#43
Isopropyl Acetate
Concen: 40.576 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

Instrument :
MSVOA_Y
ClientSampleId :

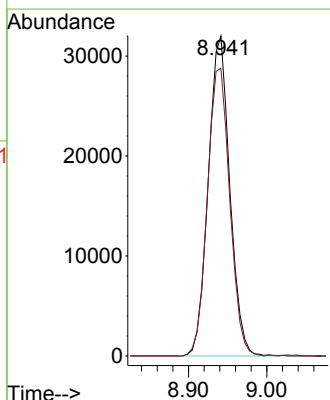
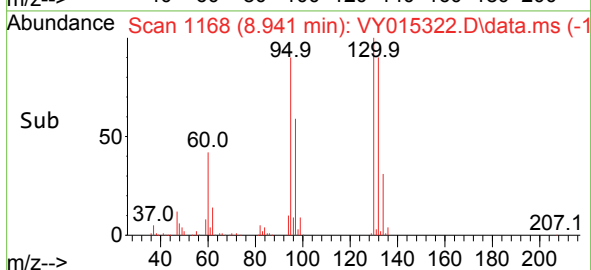
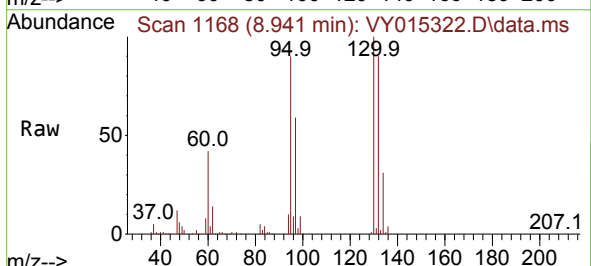


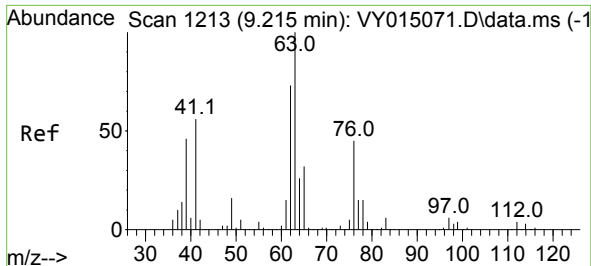
Tgt Ion: 43 Resp: 97438
Ion Ratio Lower Upper
43 100
61 25.9 21.1 31.7
87 12.5 9.8 14.8



#44
Trichloroethene
Concen: 49.441 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

Tgt Ion:130 Resp: 60922
Ion Ratio Lower Upper
130 100
95 89.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 48.115 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015322.D

Acq: 24 Aug 2023 19:13

Instrument :

MSVOA_Y

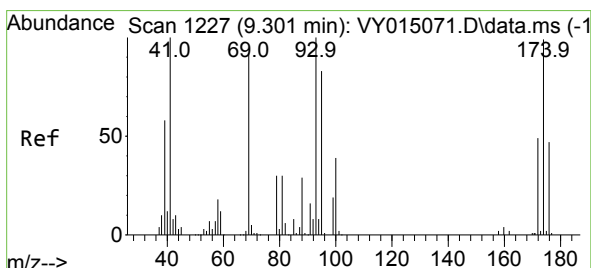
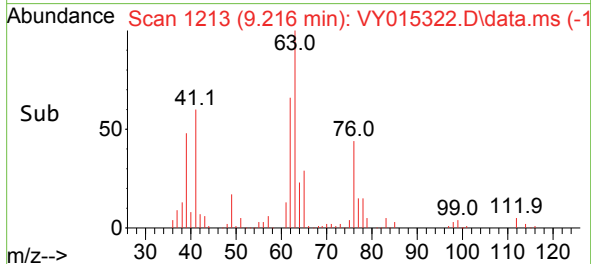
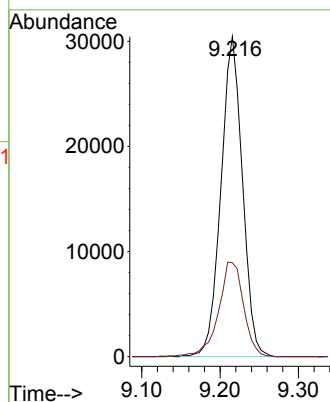
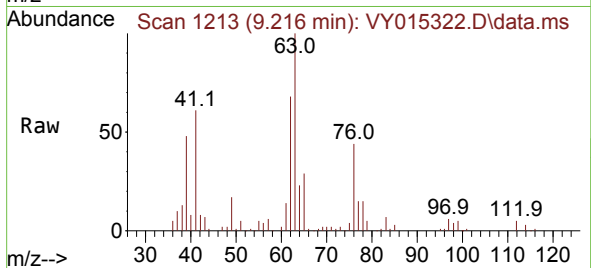
ClientSampleId :

Tgt Ion: 63 Resp: 58030

Ion Ratio Lower Upper

63 100

65 29.4 23.8 35.6



#46

Dibromomethane

Concen: 44.179 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY015322.D

Acq: 24 Aug 2023 19:13

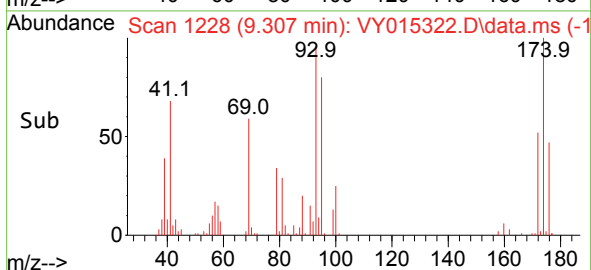
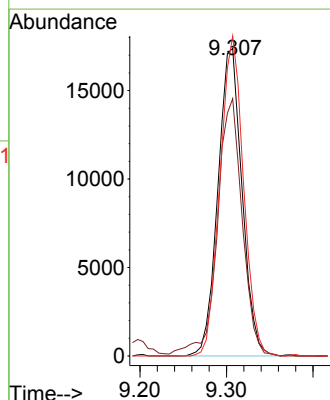
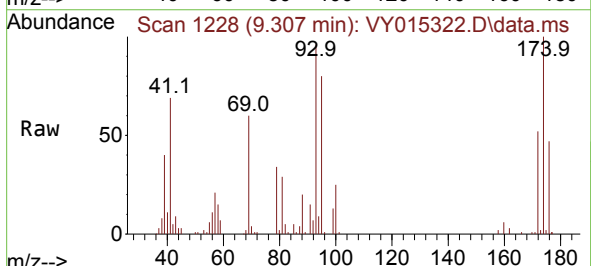
Tgt Ion: 93 Resp: 33606

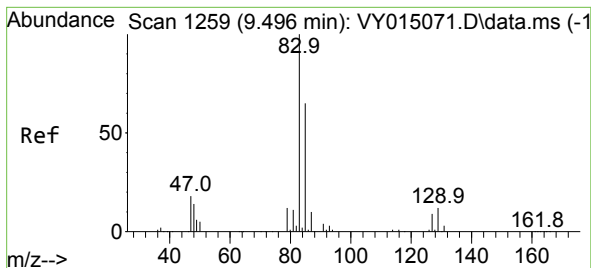
Ion Ratio Lower Upper

93 100

95 86.3 66.6 100.0

174 101.5 84.8 127.2





#47

Bromodichloromethane

Concen: 50.282 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VY015322.D

Acq: 24 Aug 2023 19:13

Instrument :

MSVOA_Y

ClientSampleId :

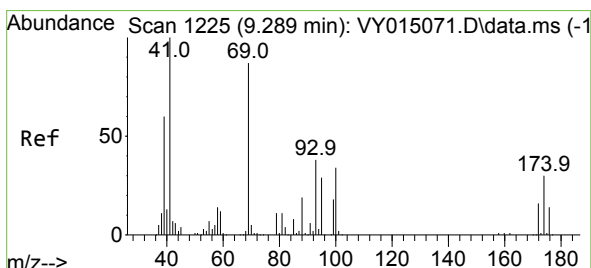
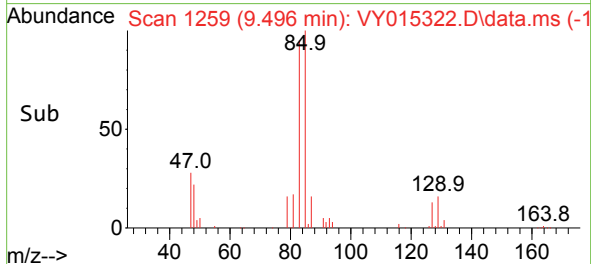
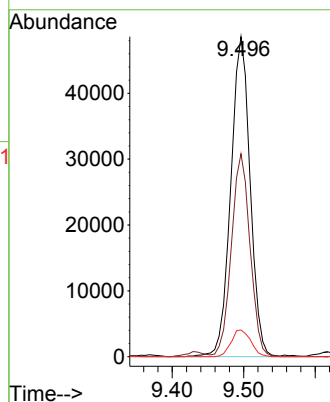
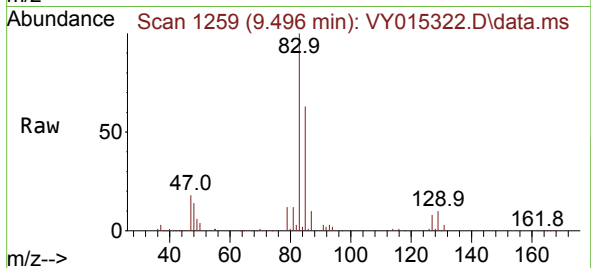
Tgt Ion: 83 Resp: 91271

Ion Ratio Lower Upper

83 100

85 63.4 50.1 75.1

127 8.4 7.1 10.7



#48

Methyl methacrylate

Concen: 47.116 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY015322.D

Acq: 24 Aug 2023 19:13

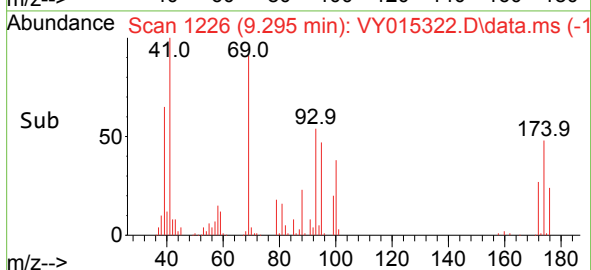
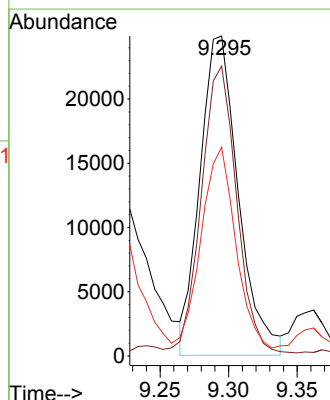
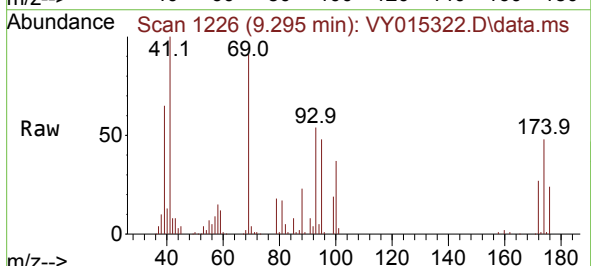
Tgt Ion: 41 Resp: 48400

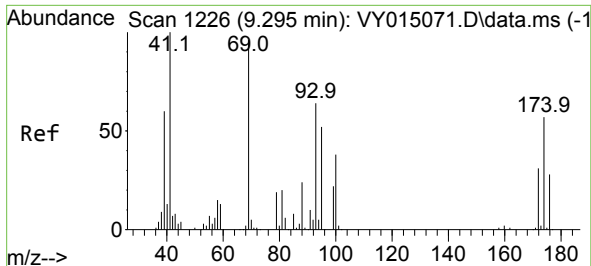
Ion Ratio Lower Upper

41 100

69 82.8 64.5 96.7

39 61.3 50.8 76.2

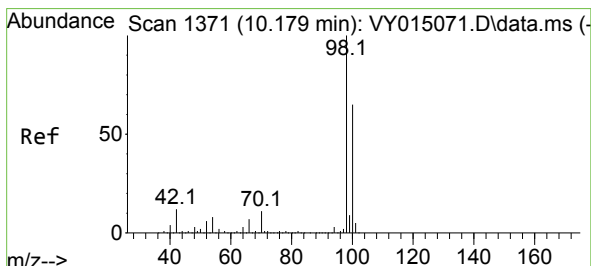
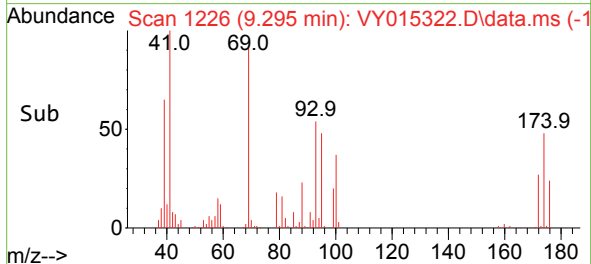
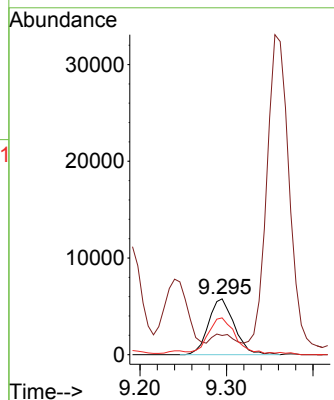
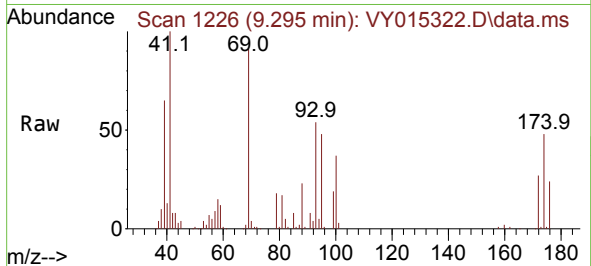




#49
1,4-Dioxane
Concen: 786.732 ug/l
RT: 9.295 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

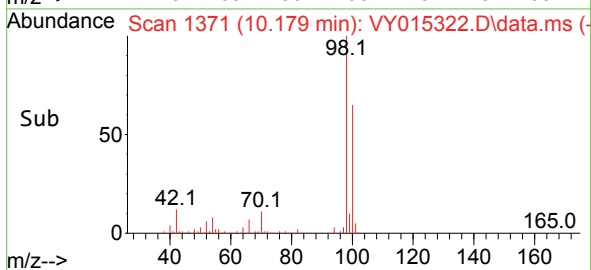
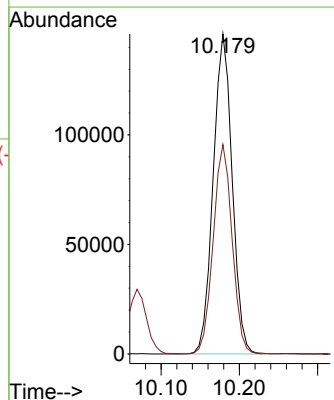
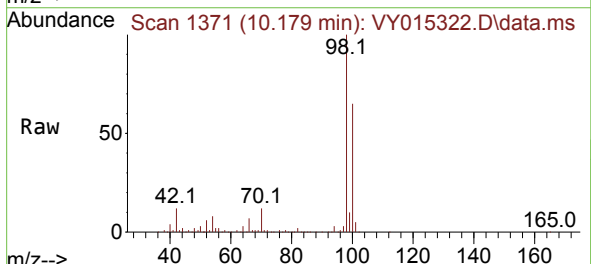
Instrument :
MSVOA_Y
ClientSampleId :

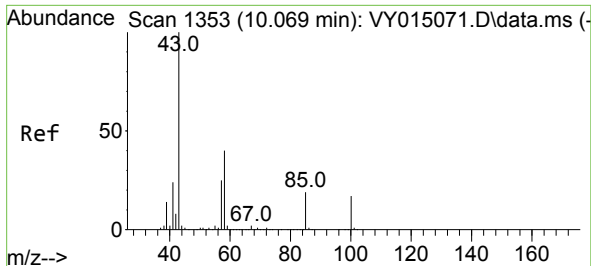
Tgt Ion: 88 Resp: 11967
Ion Ratio Lower Upper
88 100
43 35.6 0.0 0.0#
58 65.2 30.9 46.3#



#50
Toluene-d8
Concen: 51.719 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

Tgt Ion: 98 Resp: 246191
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

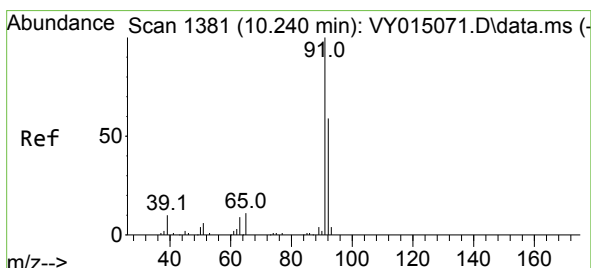
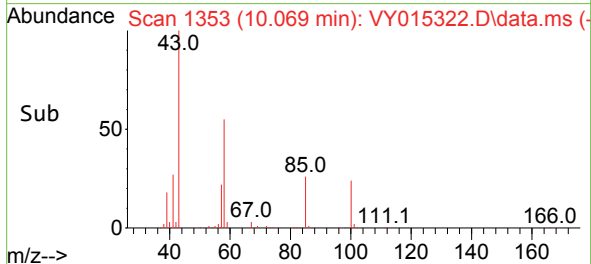
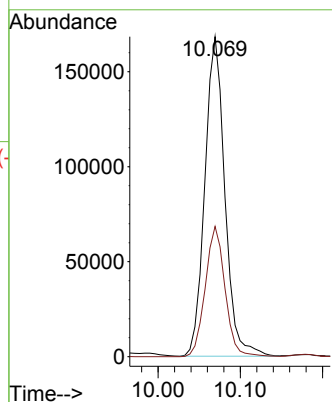
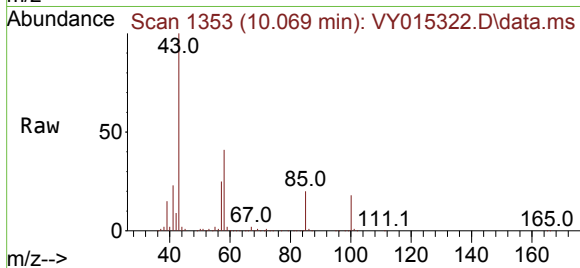




#51
4-Methyl-2-Pentanone
Concen: 204.491 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

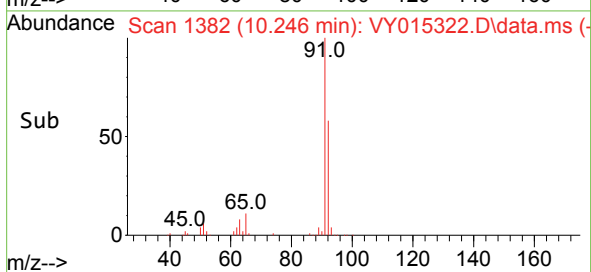
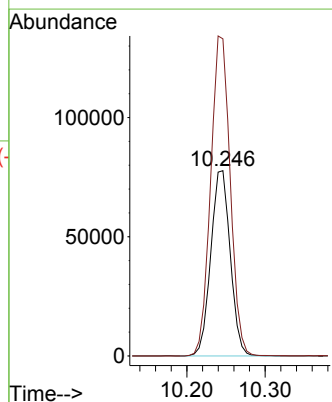
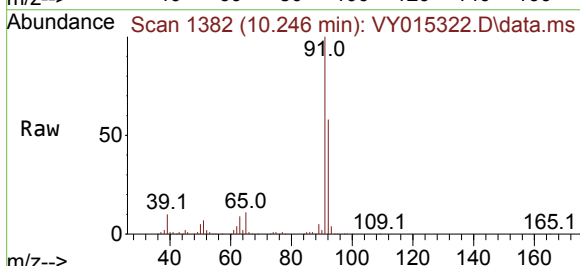
Instrument :
MSVOA_Y
ClientSampleId :

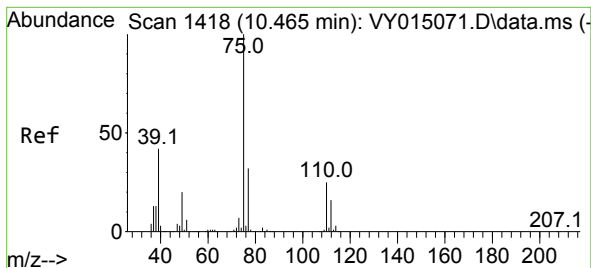
Tgt Ion: 43 Resp: 284596
Ion Ratio Lower Upper
43 100
58 40.3 29.0 43.6



#52
Toluene
Concen: 47.547 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

Tgt Ion: 92 Resp: 134041
Ion Ratio Lower Upper
92 100
91 173.8 143.8 215.6

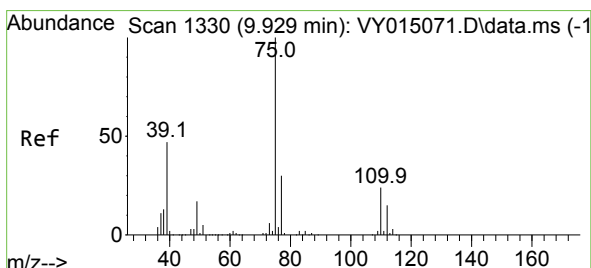
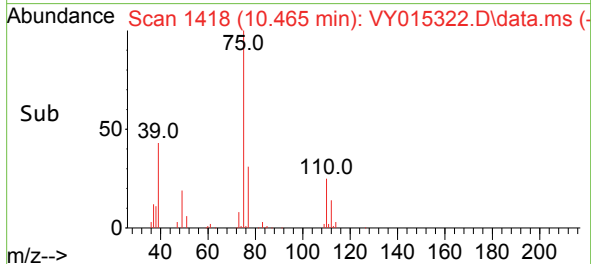
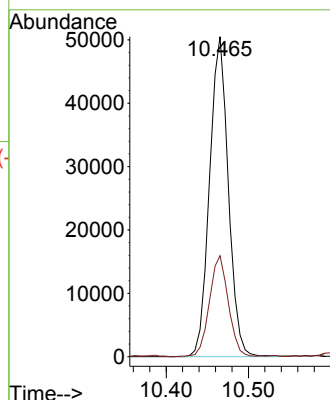
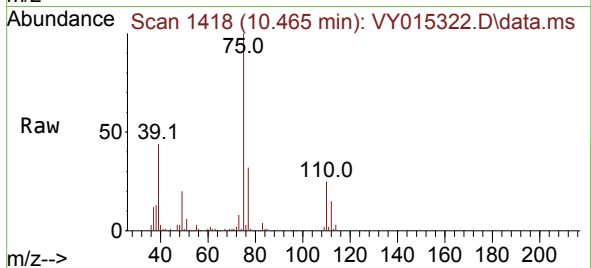




#53
t-1,3-Dichloropropene
Concen: 41.943 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

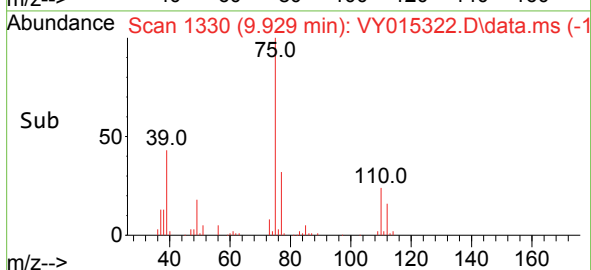
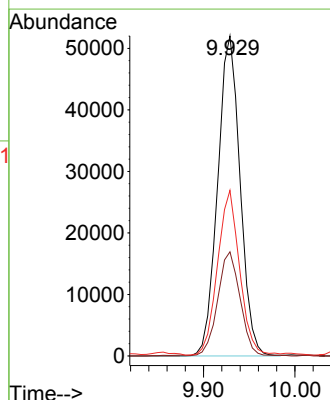
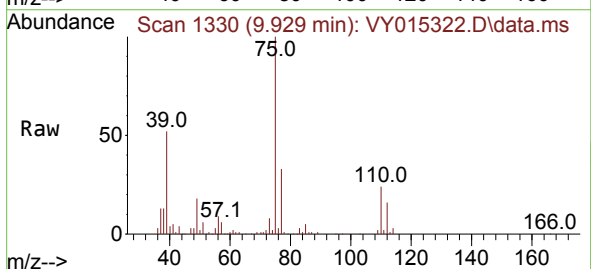
Instrument :
MSVOA_Y
ClientSampleId :

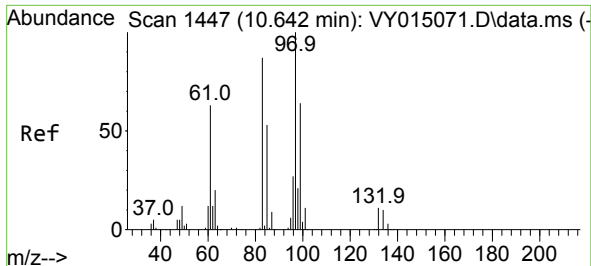
Tgt Ion: 75 Resp: 80013
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 44.222 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

Tgt Ion: 75 Resp: 88845
Ion Ratio Lower Upper
75 100
77 32.3 24.2 36.4
39 51.1 42.2 63.4

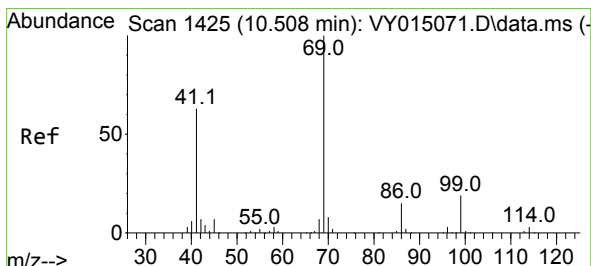
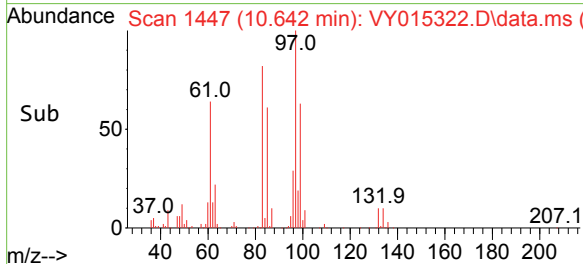
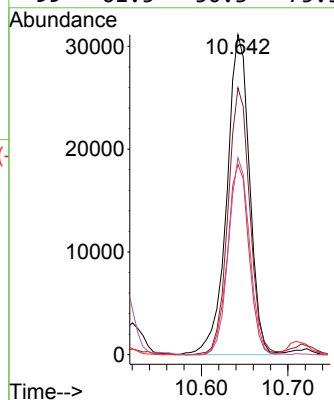
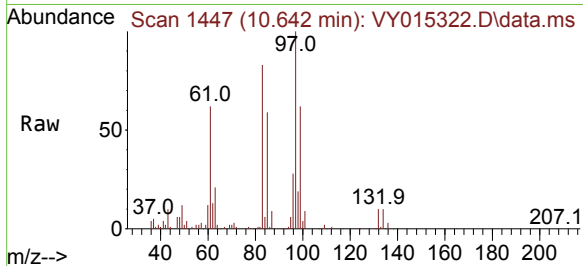




#55
1,1,2-Trichloroethane
Concen: 49.155 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

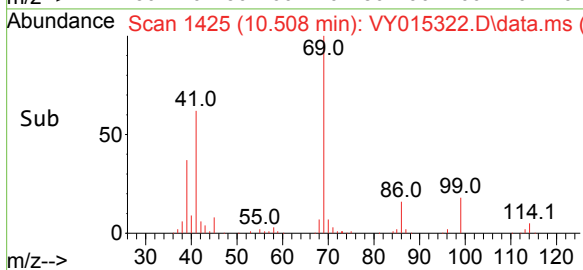
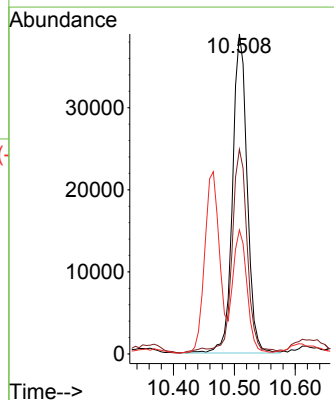
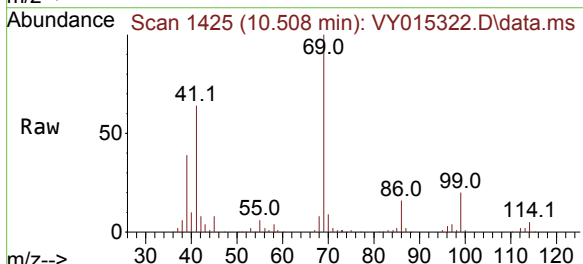
Instrument :
MSVOA_Y
ClientSampleId :

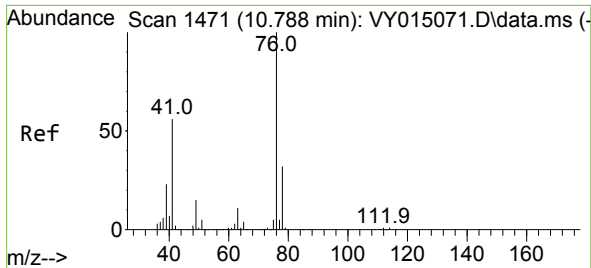
Tgt Ion:	97	Resp:	56854
Ion	Ratio	Lower	Upper
97	100		
83	83.2	72.0	108.0
85	59.5	45.4	68.0
99	61.5	50.3	75.5



#56
Ethyl methacrylate
Concen: 38.148 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

Tgt Ion:	69	Resp:	64573
Ion	Ratio	Lower	Upper
69	100		
41	65.3	57.6	86.4
39	36.6	34.1	51.1

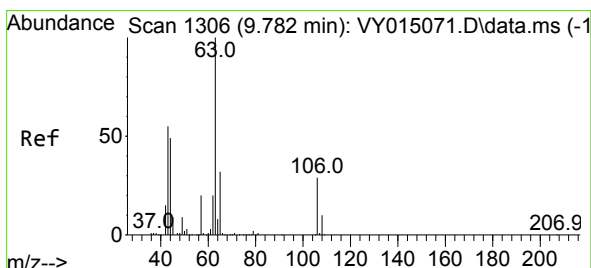
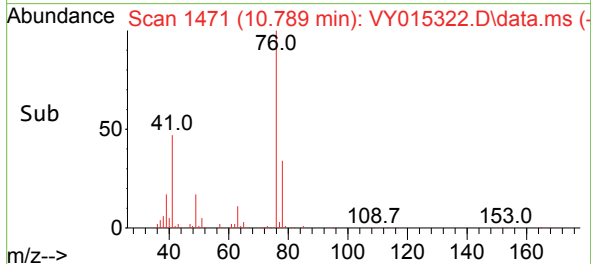
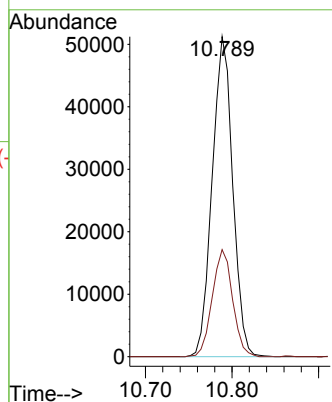
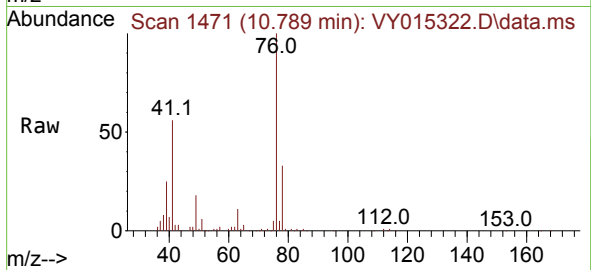




#57
1,3-Dichloropropane
Concen: 44.604 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

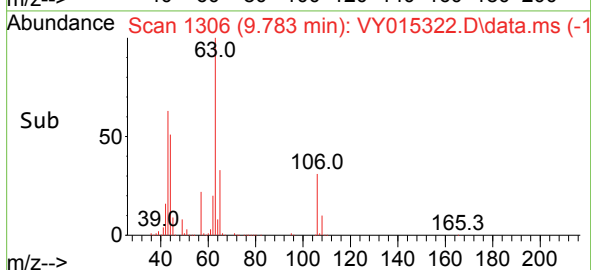
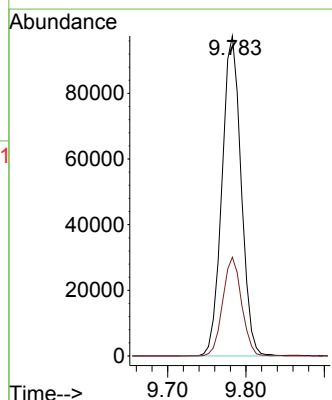
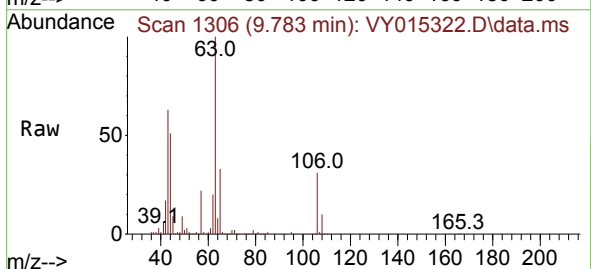
Instrument :
MSVOA_Y
ClientSampleId :

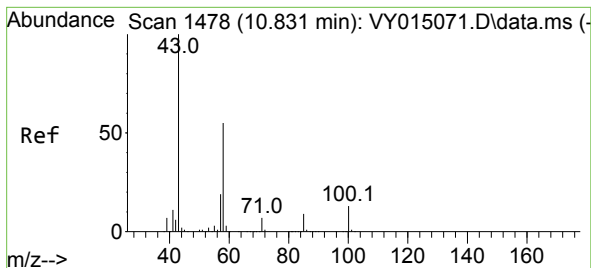
Tgt Ion: 76 Resp: 84286
Ion Ratio Lower Upper
76 100
78 33.1 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 210.542 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

Tgt Ion: 63 Resp: 165854
Ion Ratio Lower Upper
63 100
106 30.4 21.2 31.8

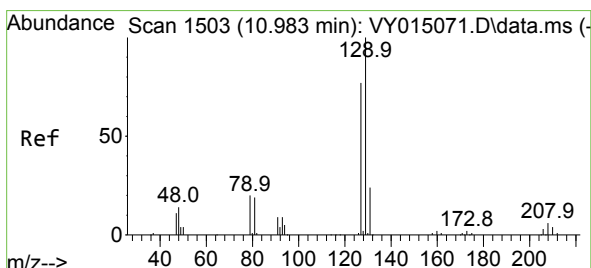
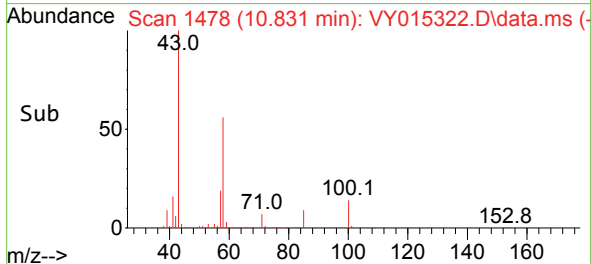
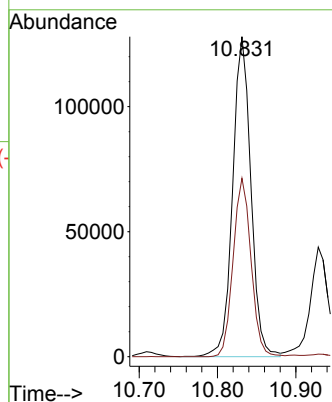
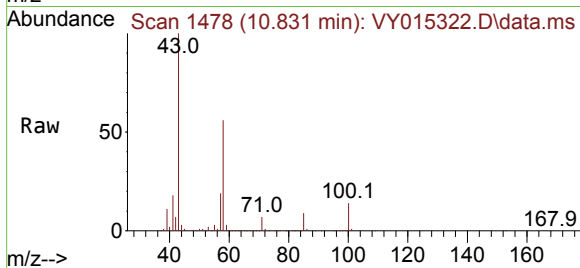




#59
2-Hexanone
Concen: 200.818 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

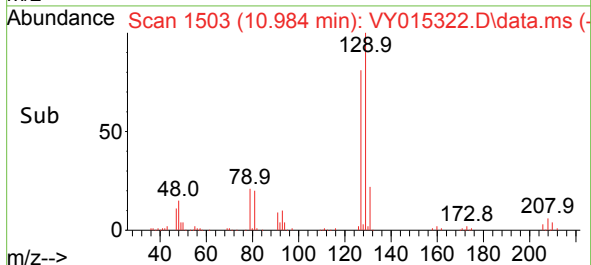
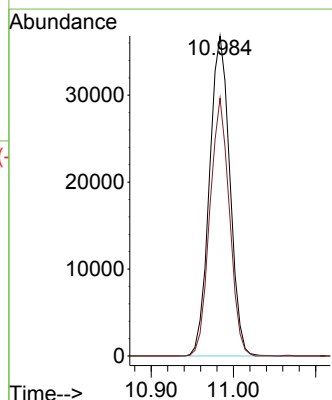
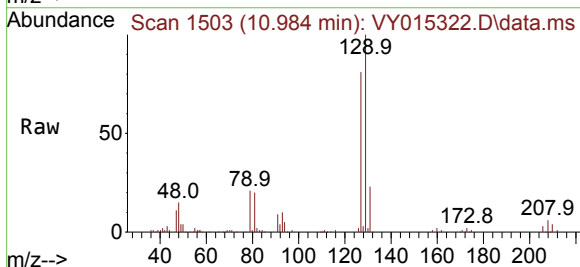
Instrument :
MSVOA_Y
ClientSampleId :

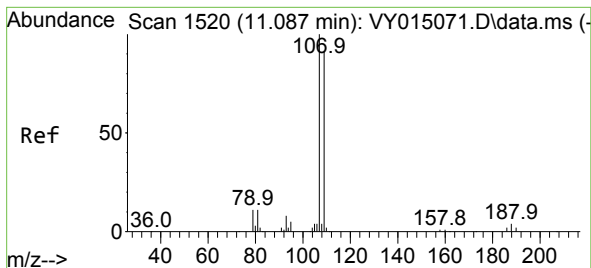
Tgt Ion: 43 Resp: 206848
Ion Ratio Lower Upper
43 100
58 54.6 25.1 75.3



#60
Dibromochloromethane
Concen: 45.840 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

Tgt Ion: 129 Resp: 63245
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5

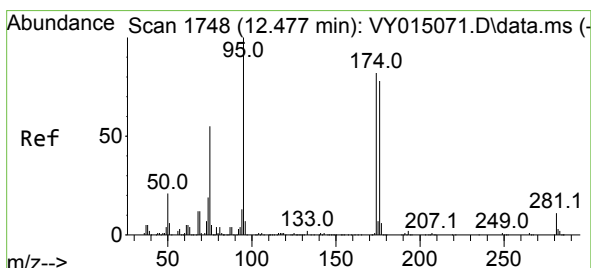
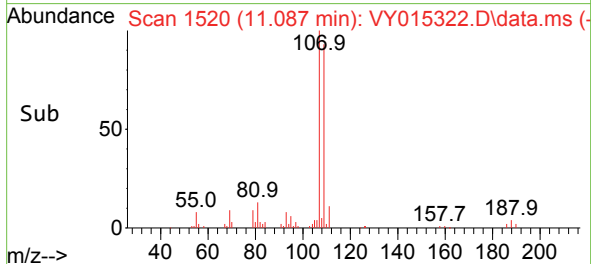
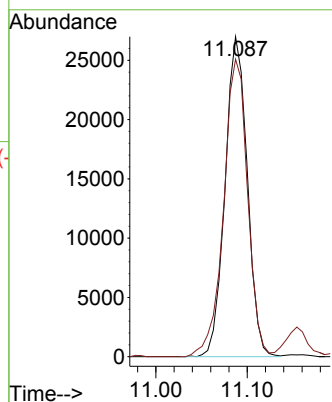
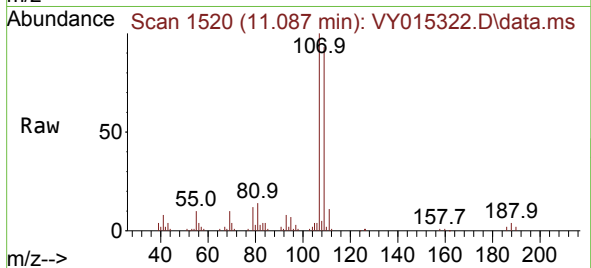




#61
1,2-Dibromoethane
Concen: 41.466 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

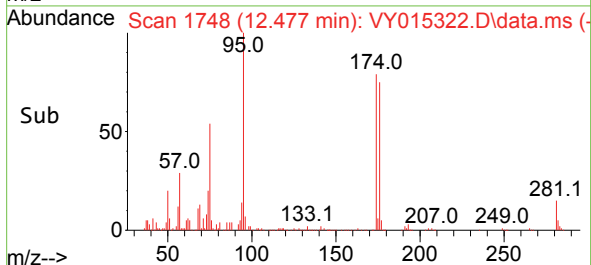
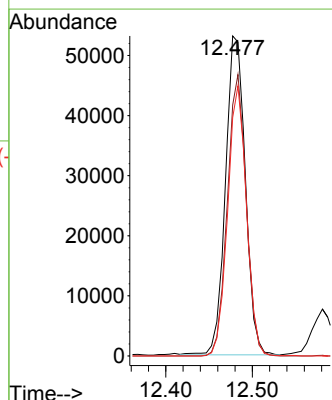
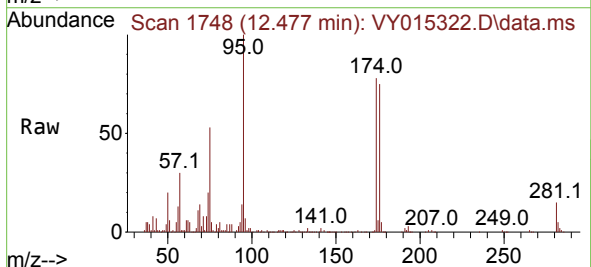
Instrument :
MSVOA_Y
ClientSampleId :

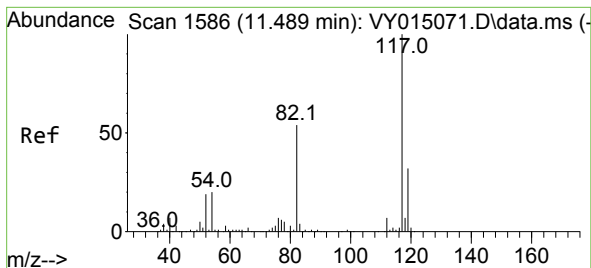
Tgt Ion:107 Resp: 45561
Ion Ratio Lower Upper
107 100
109 100.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.530 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

Tgt Ion: 95 Resp: 84377
Ion Ratio Lower Upper
95 100
174 84.0 0.0 178.2
176 80.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

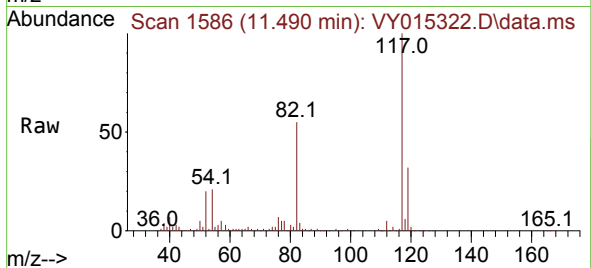
Lab File: VY015322.D

Acq: 24 Aug 2023 19:13

Instrument :

MSVOA_Y

ClientSampleId :



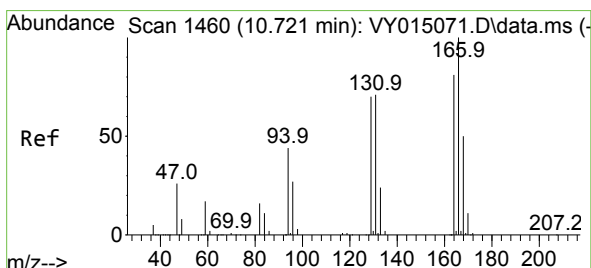
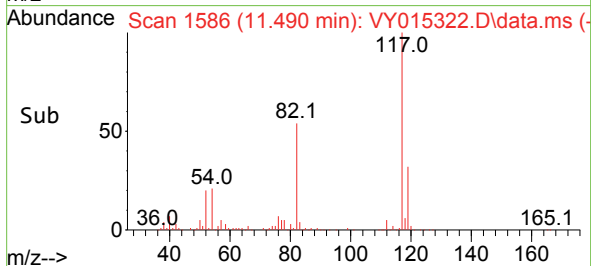
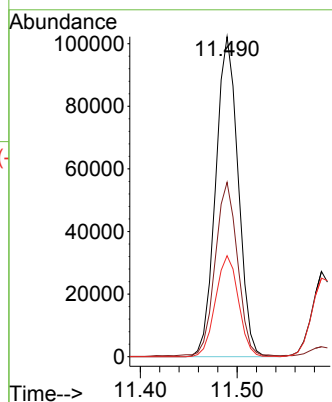
Tgt Ion:117 Resp: 164802

Ion Ratio Lower Upper

117 100

82 54.2 43.4 65.0

119 31.5 26.3 39.5



#64

Tetrachloroethene

Concen: 53.262 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015322.D

Acq: 24 Aug 2023 19:13

Tgt Ion:164 Resp: 61154

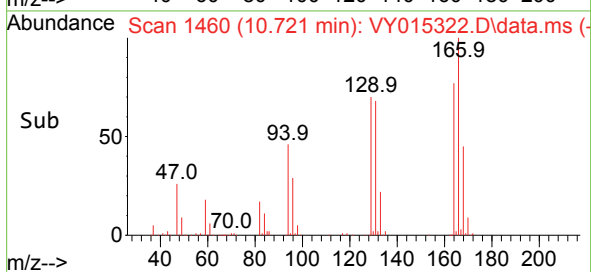
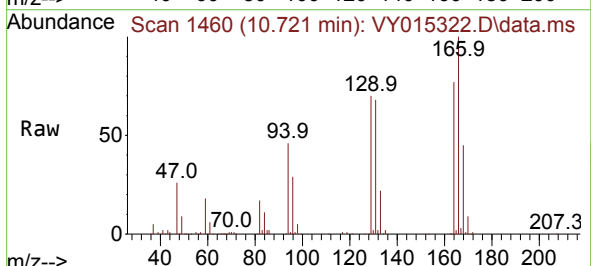
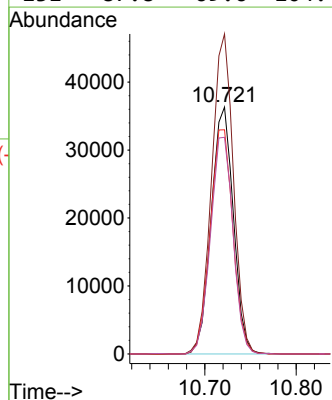
Ion Ratio Lower Upper

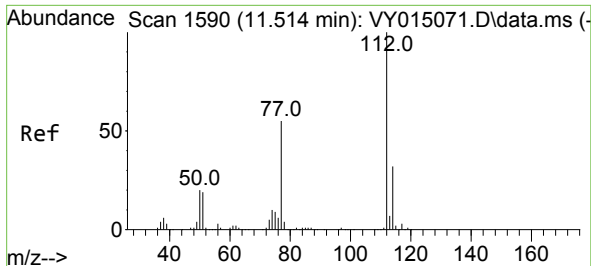
164 100

166 129.7 103.0 154.6

129 90.9 77.2 115.8

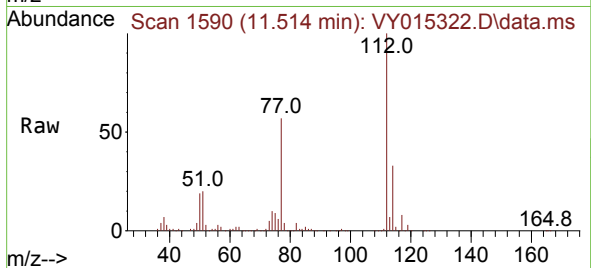
131 87.8 69.6 104.4



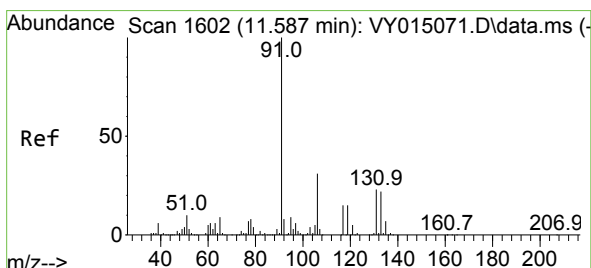
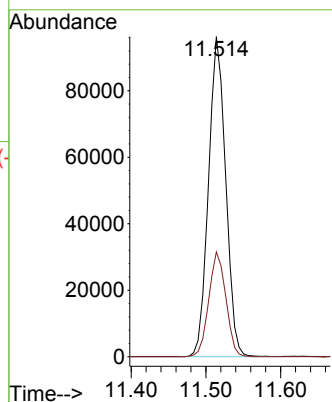
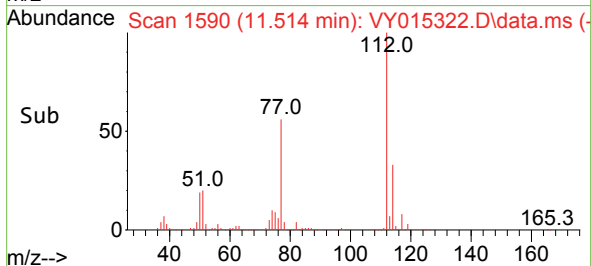


#65
Chlorobenzene
Concen: 51.192 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

Instrument :
MSVOA_Y
ClientSampleId :

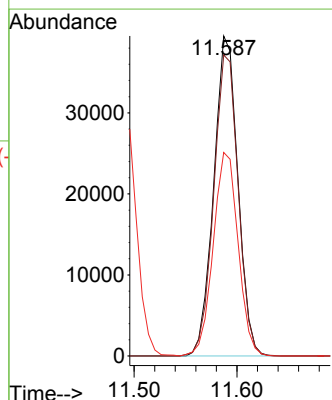
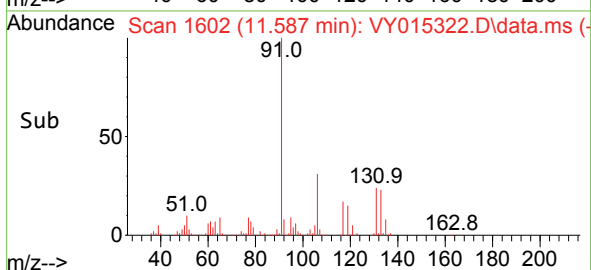
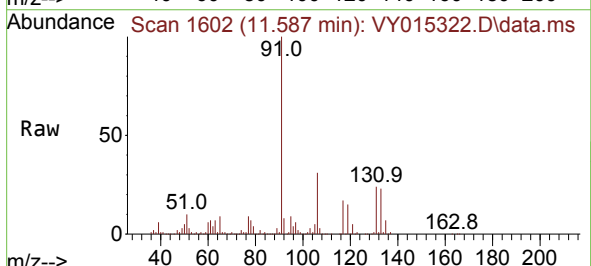


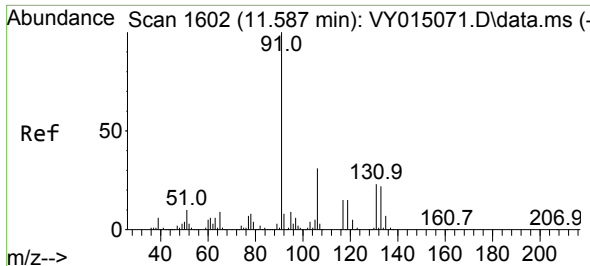
Tgt Ion:112 Resp: 153716
Ion Ratio Lower Upper
112 100
114 32.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.789 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

Tgt Ion:131 Resp: 64316
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 65.7 31.6 94.7





#67

Ethyl Benzene

Concen: 51.968 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015322.D

Acq: 24 Aug 2023 19:13

Instrument :

MSVOA_Y

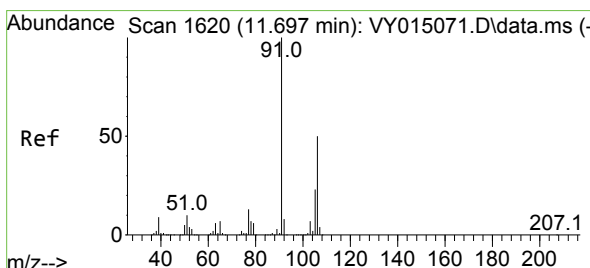
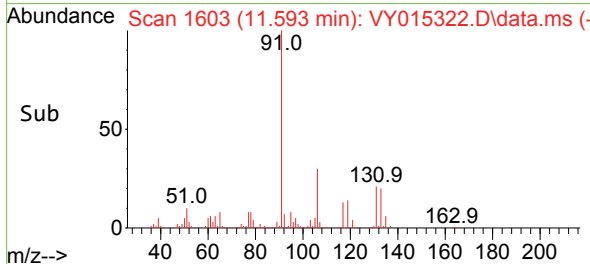
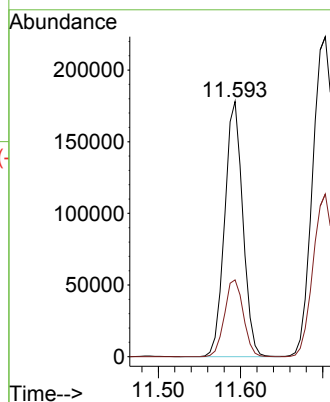
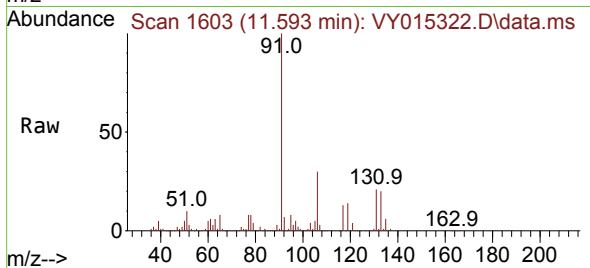
ClientSampleId :

Tgt Ion: 91 Resp: 273408

Ion Ratio Lower Upper

91 100

106 30.1 24.6 36.8



#68

m/p-Xylenes

Concen: 102.930 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY015322.D

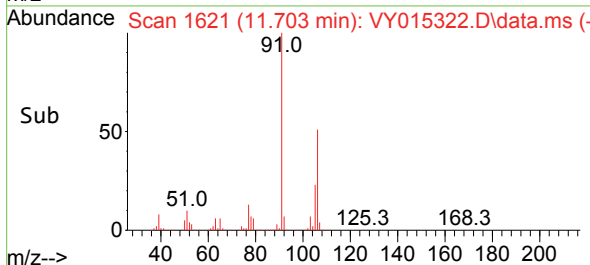
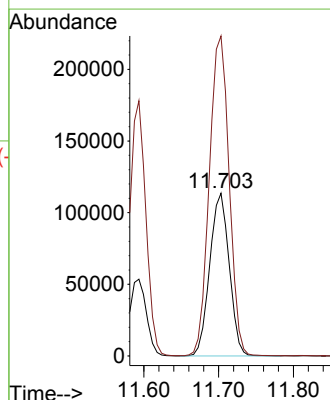
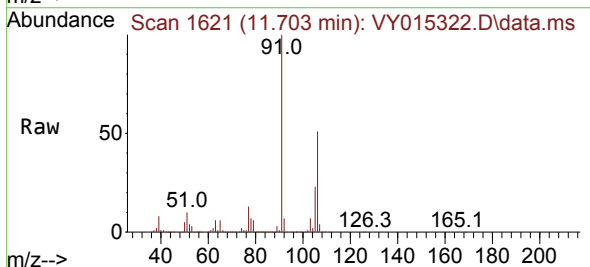
Acq: 24 Aug 2023 19:13

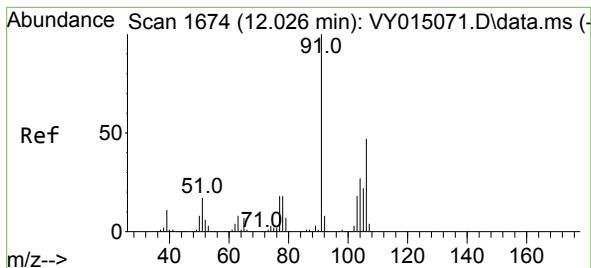
Tgt Ion:106 Resp: 205671

Ion Ratio Lower Upper

106 100

91 200.3 166.1 249.1





#69

o-Xylene

Concen: 51.953 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015322.D

Acq: 24 Aug 2023 19:13

Instrument :

MSVOA_Y

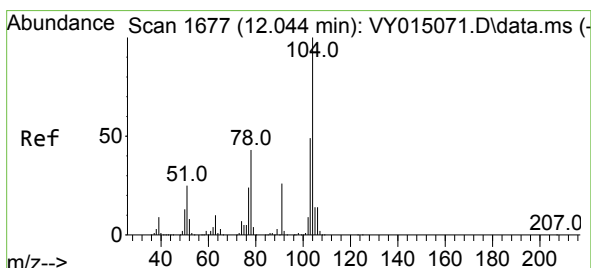
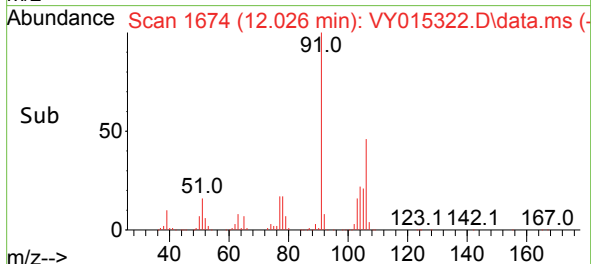
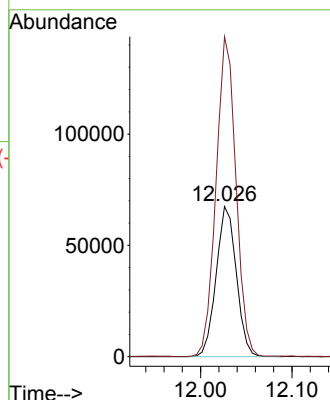
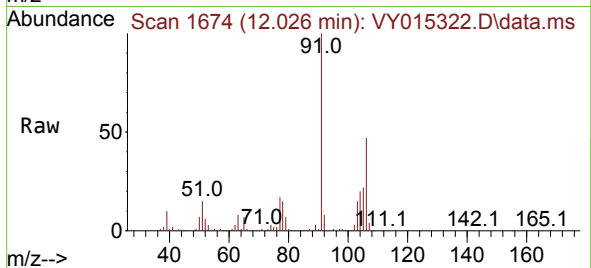
ClientSampleId :

Tgt Ion:106 Resp: 103415

Ion Ratio Lower Upper

106 100

91 210.6 108.1 324.3



#70

Styrene

Concen: 50.079 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015322.D

Acq: 24 Aug 2023 19:13

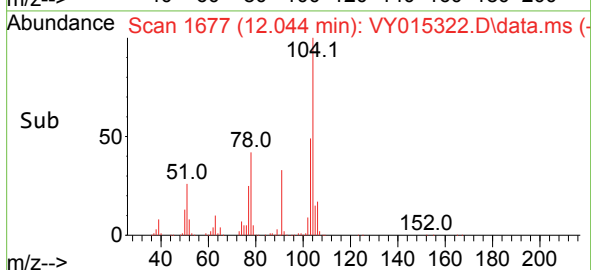
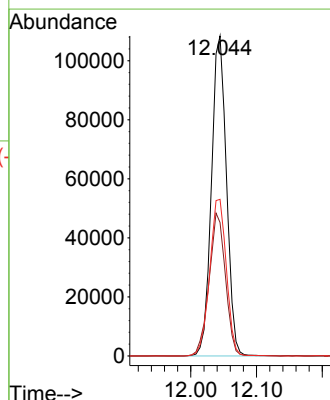
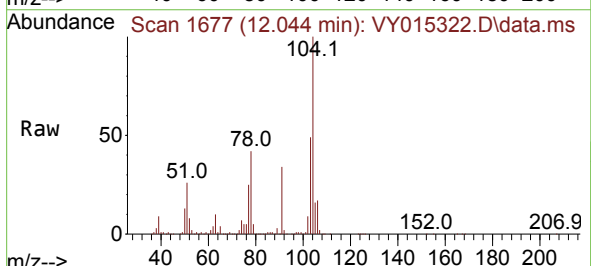
Tgt Ion:104 Resp: 172530

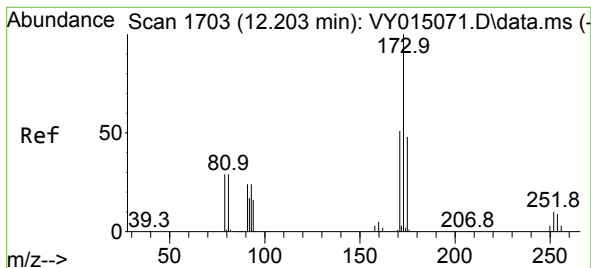
Ion Ratio Lower Upper

104 100

78 48.6 41.5 62.3

103 54.4 44.6 67.0





#71

Bromoform

Concen: 45.126 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015322.D

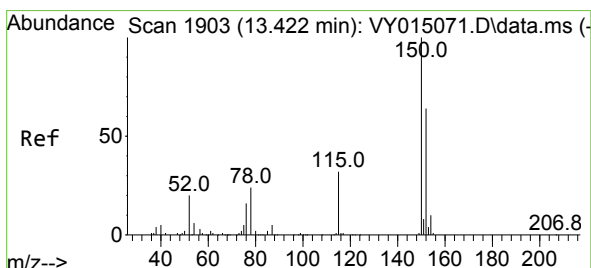
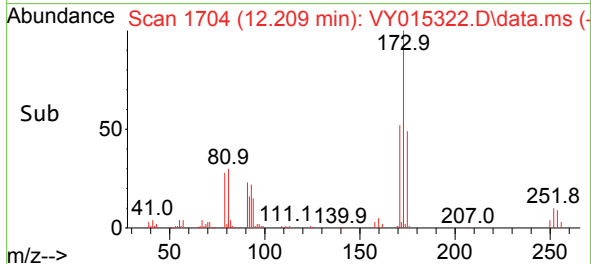
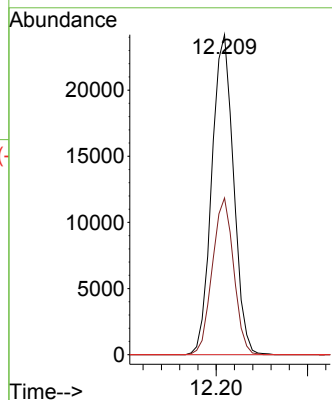
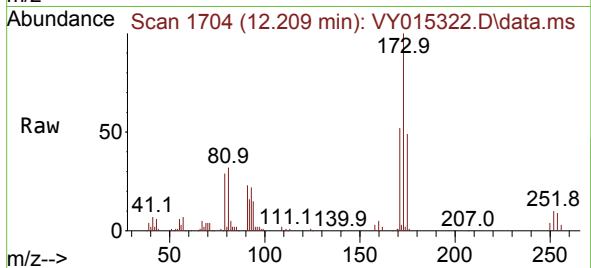
Acq: 24 Aug 2023 19:13

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	39856
Ion Ratio	Lower	Upper
173	100	
175	48.1	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

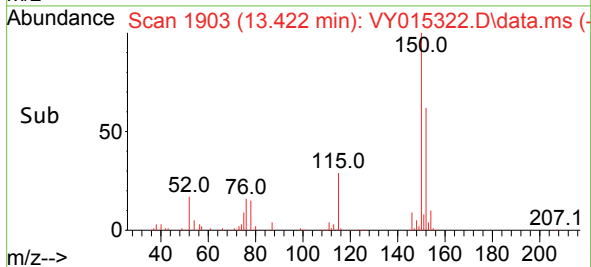
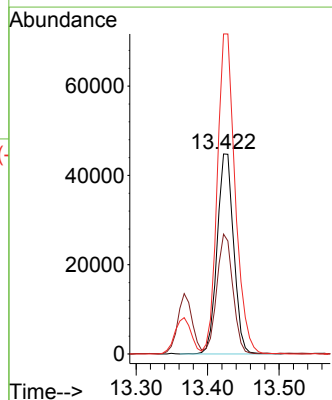
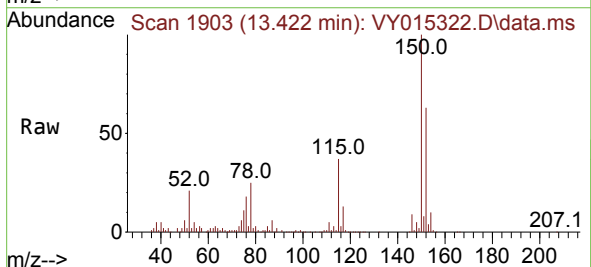
RT: 13.422 min Scan# 1903

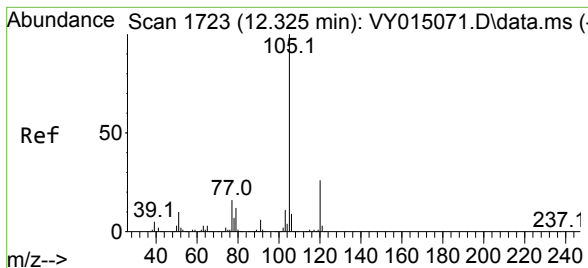
Delta R.T. 0.000 min

Lab File: VY015322.D

Acq: 24 Aug 2023 19:13

Tgt Ion:152	Resp:	71942
Ion Ratio	Lower	Upper
152	100	
115	57.9	28.8 86.5
150	173.0	0.0 348.8





#73

Isopropylbenzene

Concen: 61.441 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015322.D

Acq: 24 Aug 2023 19:13

Instrument :

MSVOA_Y

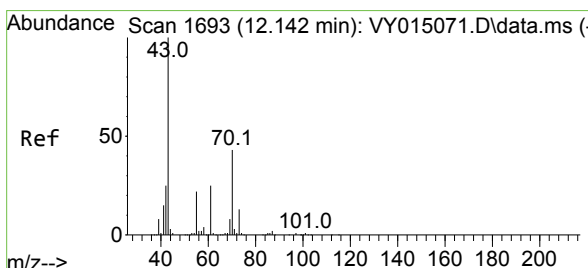
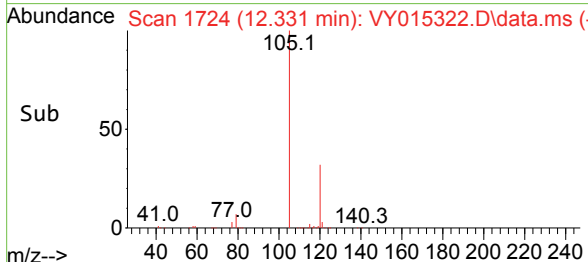
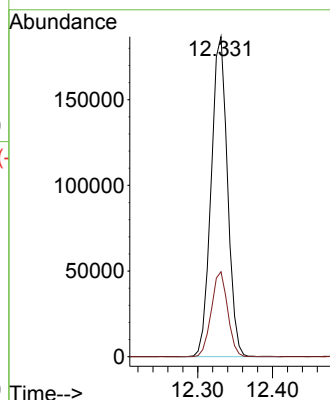
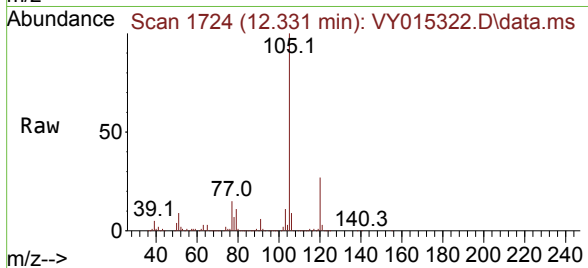
ClientSampleId :

Tgt Ion:105 Resp: 284233

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 40.390 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015322.D

Acq: 24 Aug 2023 19:13

Tgt Ion: 43 Resp: 67462

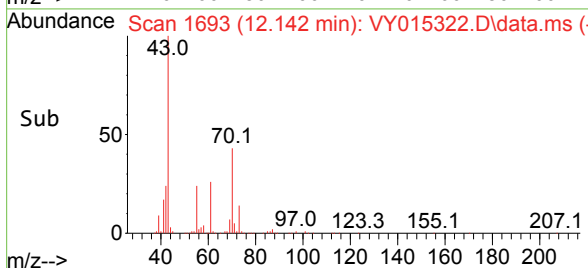
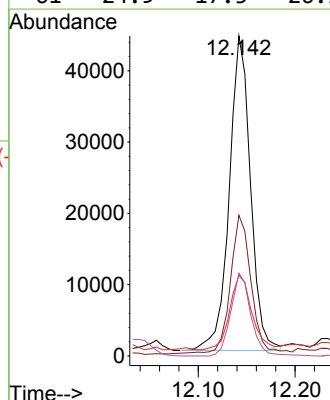
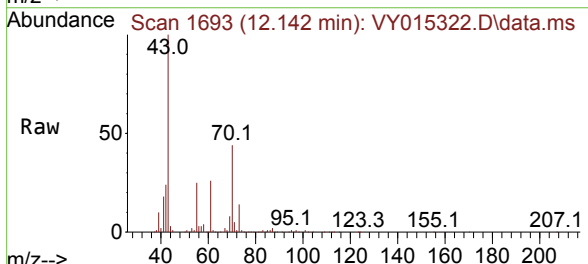
Ion Ratio Lower Upper

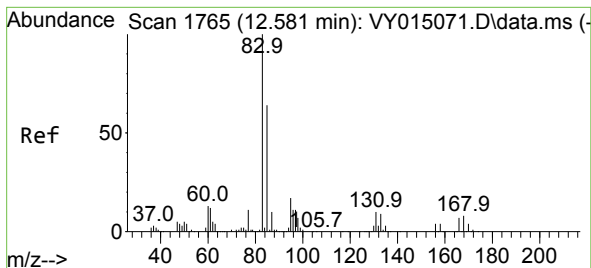
43 100

70 43.5 29.7 44.5

55 24.8 18.3 27.5

61 24.9 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 55.936 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015322.D

Acq: 24 Aug 2023 19:13

Instrument :

MSVOA_Y

ClientSampleId :

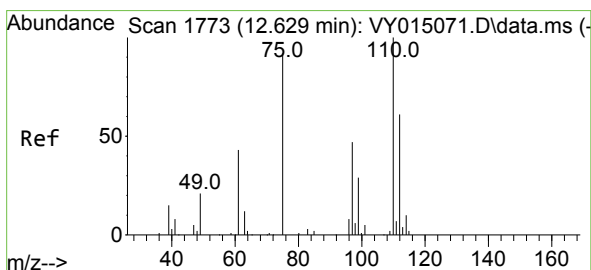
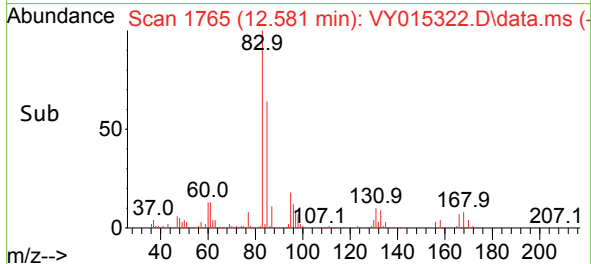
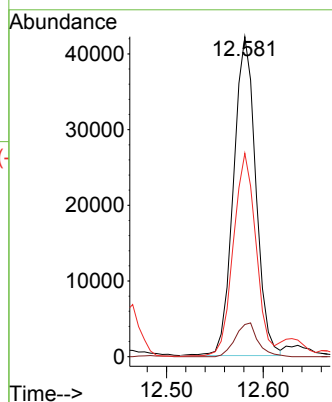
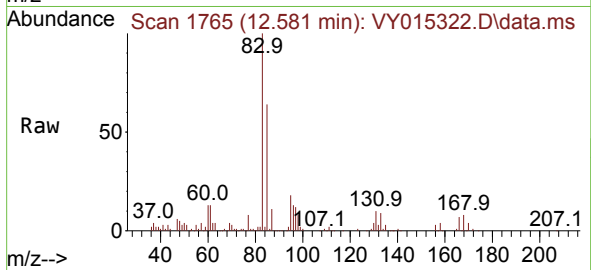
Tgt Ion: 83 Resp: 67395

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

85 64.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 88.567 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015322.D

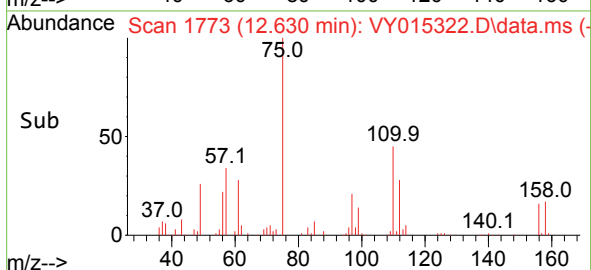
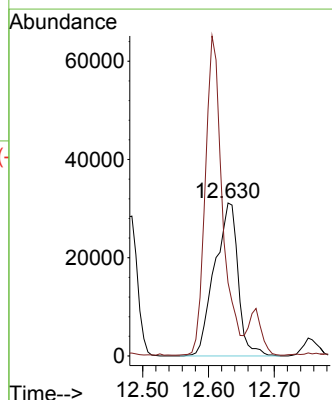
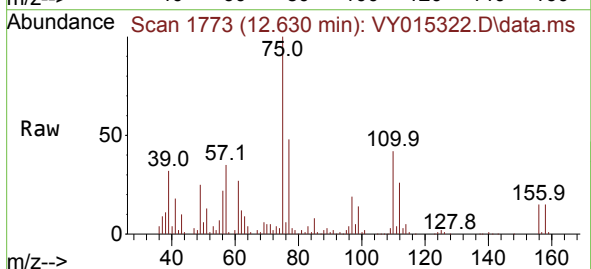
Acq: 24 Aug 2023 19:13

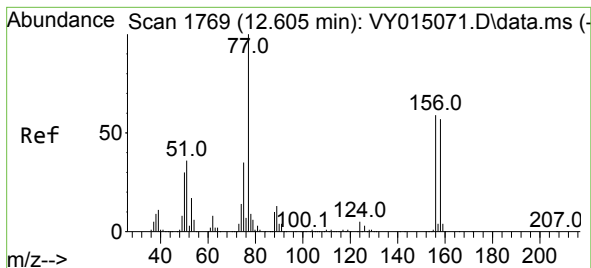
Tgt Ion: 75 Resp: 77411

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 57.006 ug/l

RT: 12.605 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015322.D

Acq: 24 Aug 2023 19:13

Instrument :

MSVOA_Y

ClientSampleId :

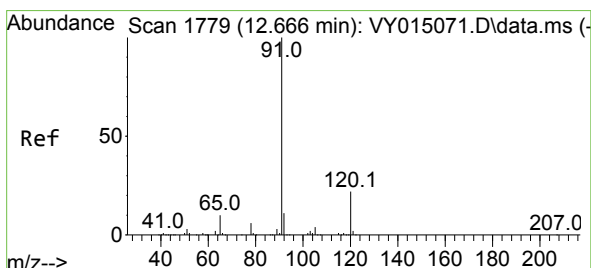
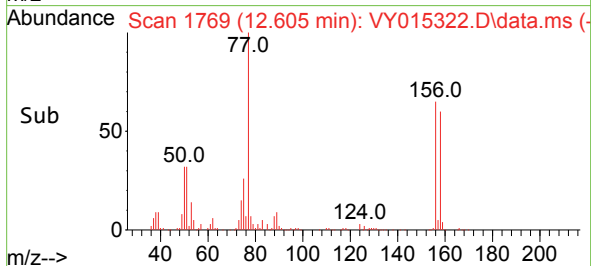
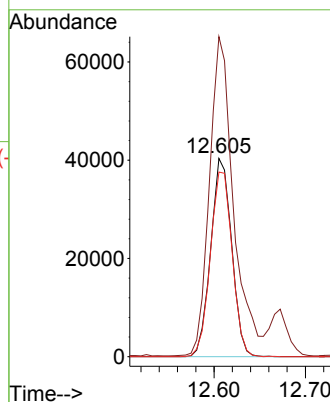
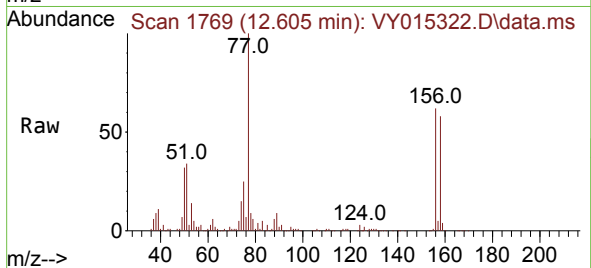
Tgt Ion:156 Resp: 64281

Ion Ratio Lower Upper

156 100

77 184.8 92.8 278.6

158 97.1 48.4 145.3



#78

n-propylbenzene

Concen: 58.879 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015322.D

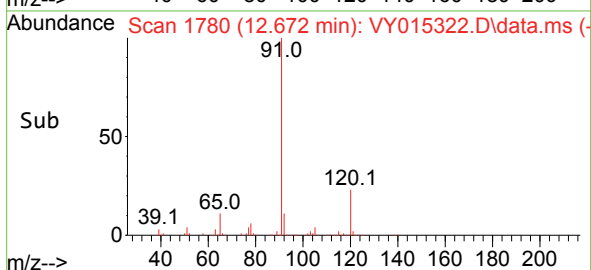
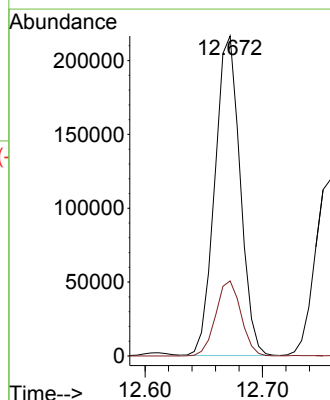
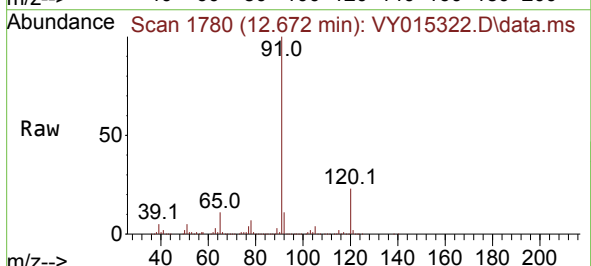
Acq: 24 Aug 2023 19:13

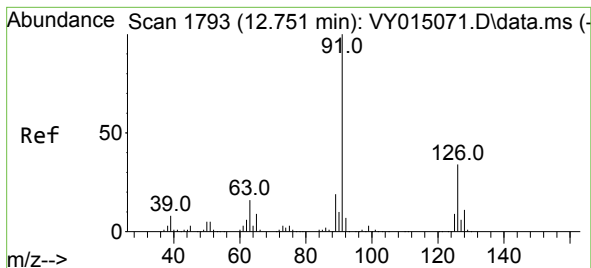
Tgt Ion: 91 Resp: 323451

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 58.207 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015322.D

Acq: 24 Aug 2023 19:13

Instrument :

MSVOA_Y

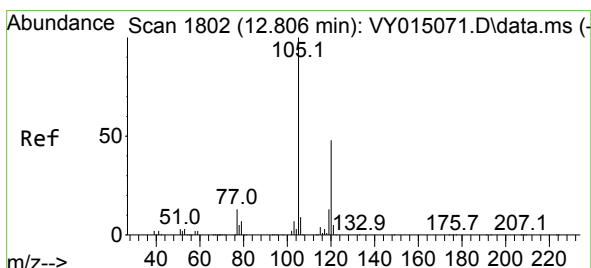
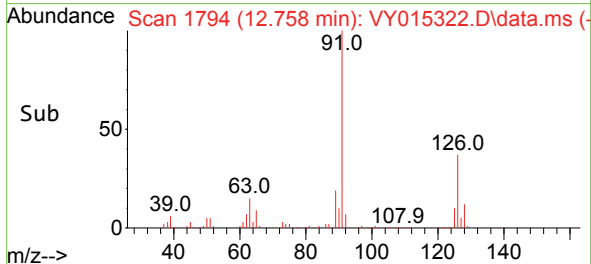
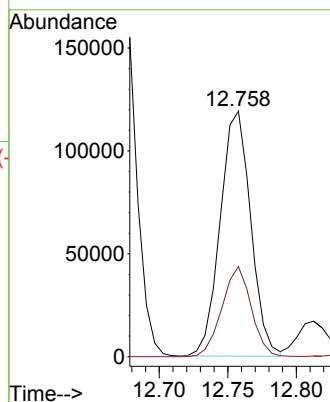
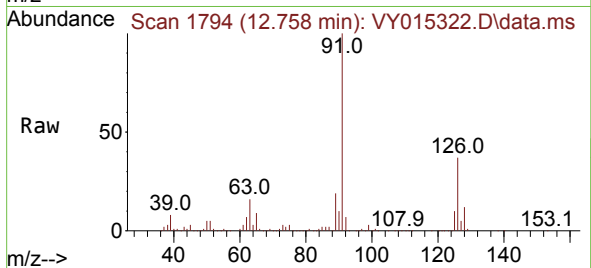
ClientSampleId :

Tgt Ion: 91 Resp: 184461

Ion Ratio Lower Upper

91 100

126 35.3 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 59.263 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015322.D

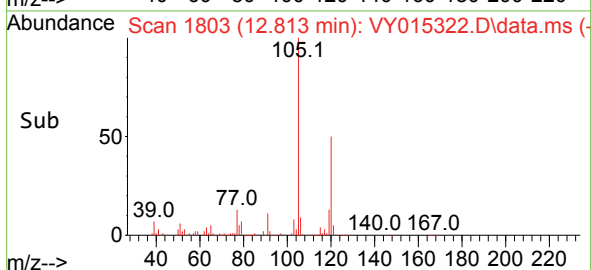
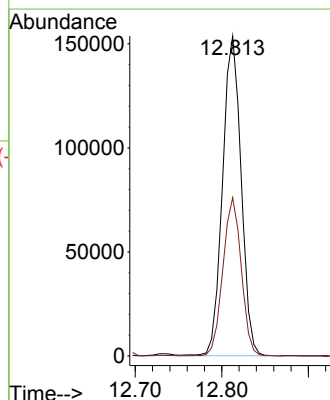
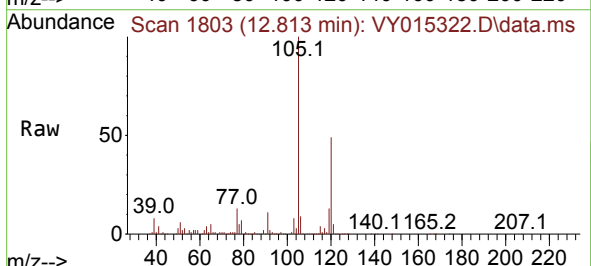
Acq: 24 Aug 2023 19:13

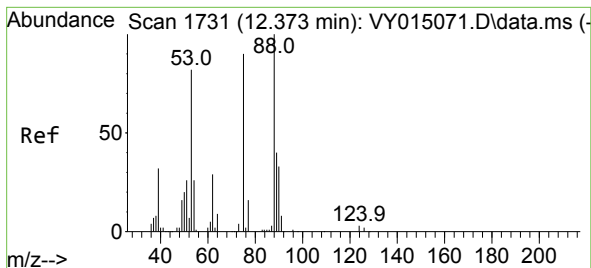
Tgt Ion: 105 Resp: 228531

Ion Ratio Lower Upper

105 100

120 49.0 23.9 71.7

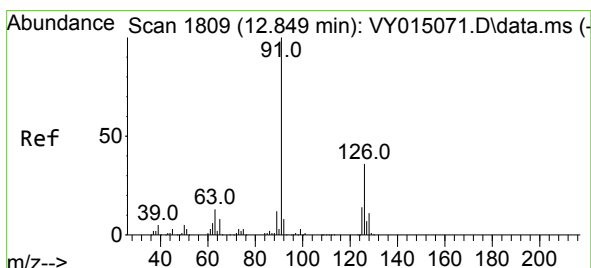
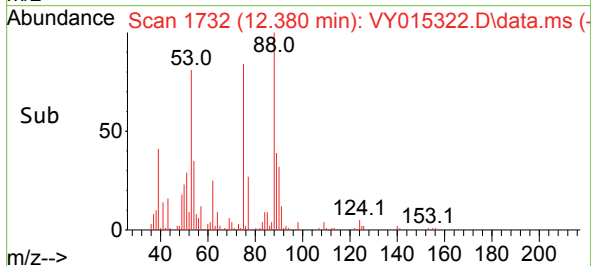
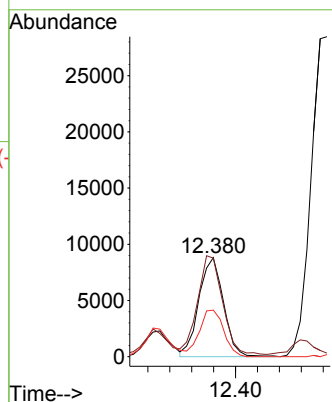
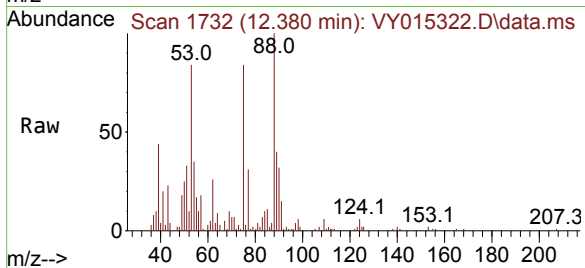




#81
trans-1,4-Dichloro-2-butene
Concen: 34.481 ug/l
RT: 12.380 min Scan# 1731
Delta R.T. 0.006 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

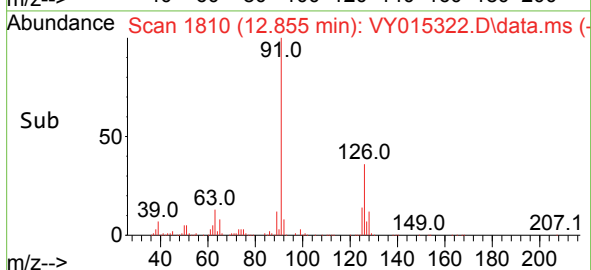
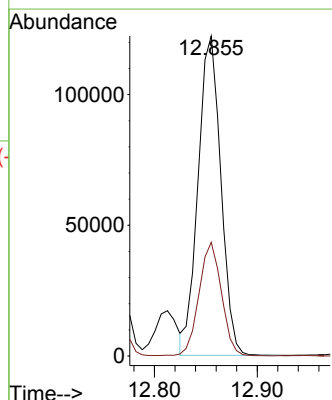
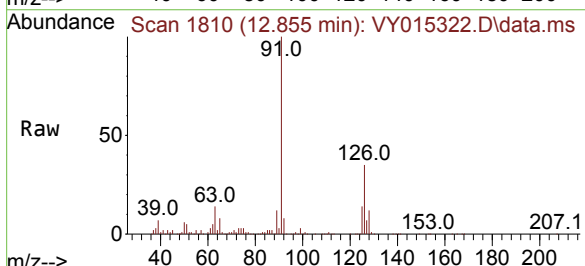
Instrument :
MSVOA_Y
ClientSampleId :

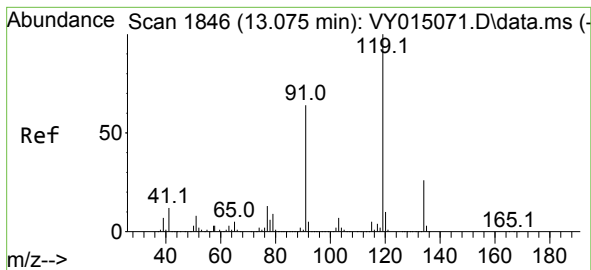
Tgt Ion: 75 Resp: 13721
Ion Ratio Lower Upper
75 100
53 100.2 77.8 116.8
89 46.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 57.462 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015322.D
Acq: 24 Aug 2023 19:13

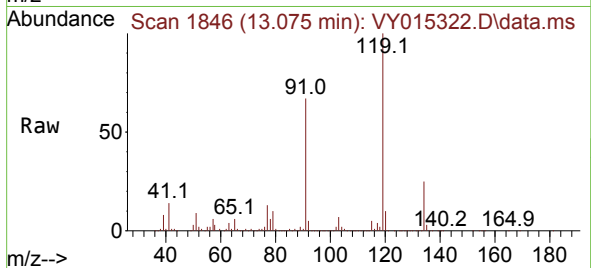
Tgt Ion: 91 Resp: 188132
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6





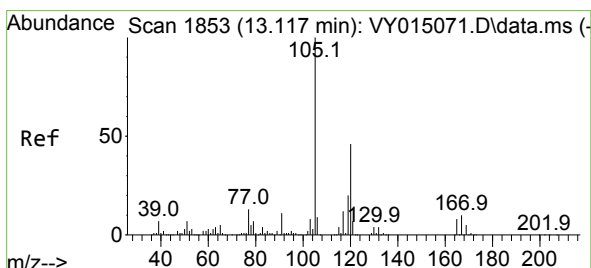
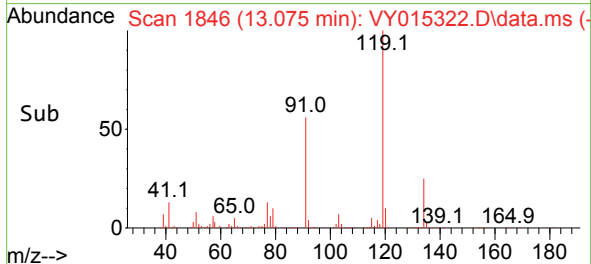
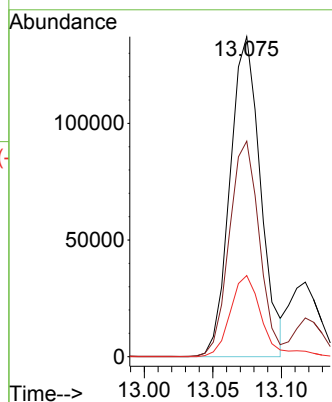
#83
 tert-Butylbenzene
 Concen: 60.299 ug/l
 RT: 13.075 min Scan# 1846
 Delta R.T. 0.000 min
 Lab File: VY015322.D
 Acq: 24 Aug 2023 19:13

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:119 Resp: 212683

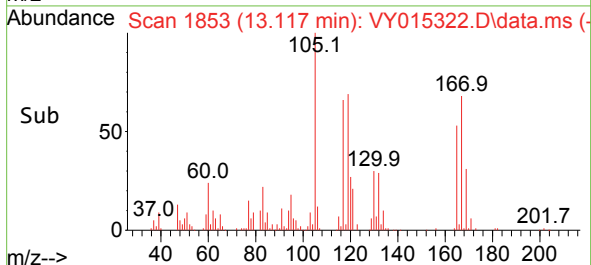
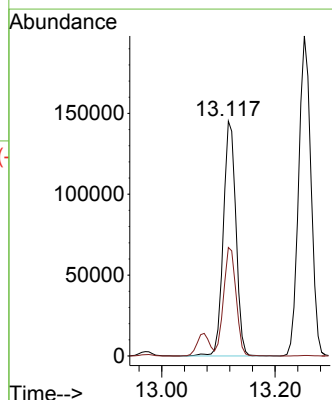
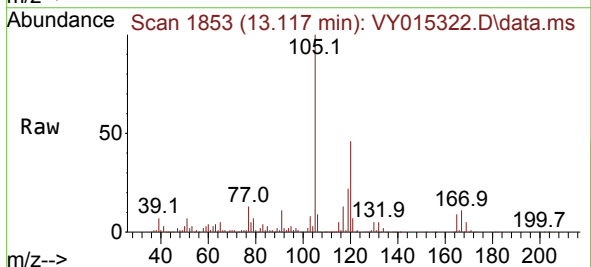
Ion	Ratio	Lower	Upper
119	100		
91	66.0	32.9	98.6
134	26.4	13.0	38.9

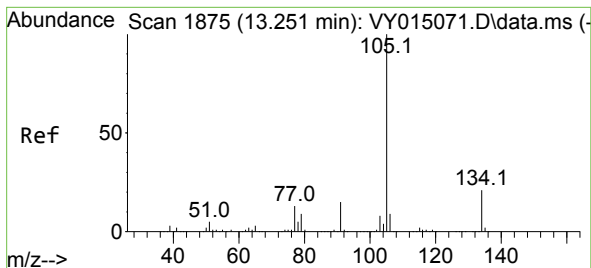


#84
 1,2,4-Trimethylbenzene
 Concen: 58.241 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY015322.D
 Acq: 24 Aug 2023 19:13

Tgt Ion:105 Resp: 224422

Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.2	66.6





#85

sec-Butylbenzene

Concen: 57.702 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015322.D

Acq: 24 Aug 2023 19:13

Instrument :

MSVOA_Y

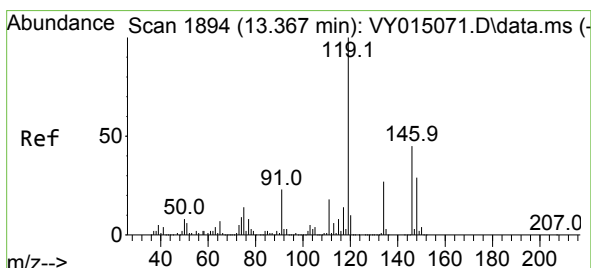
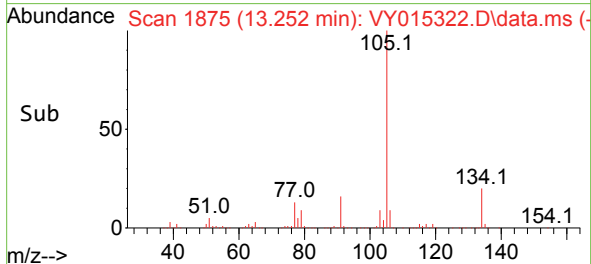
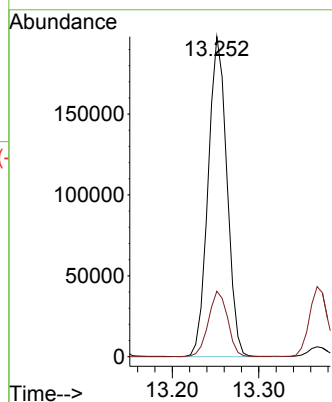
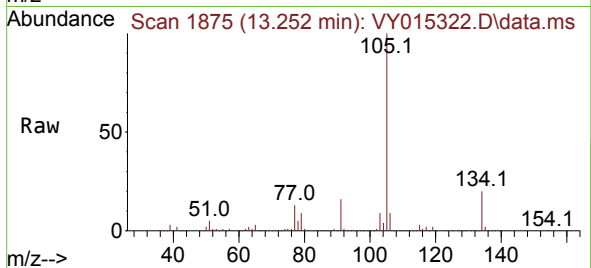
ClientSampleId :

Tgt Ion:105 Resp: 298206

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.6



#86

p-Isopropyltoluene

Concen: 56.181 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015322.D

Acq: 24 Aug 2023 19:13

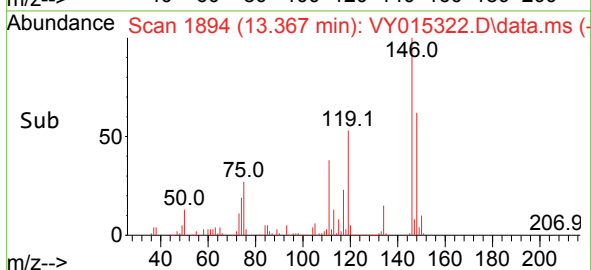
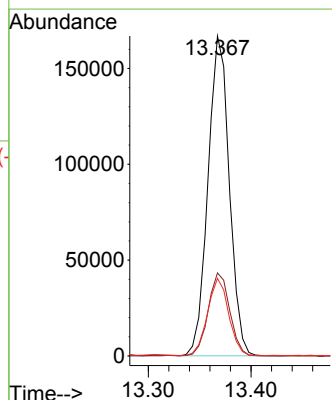
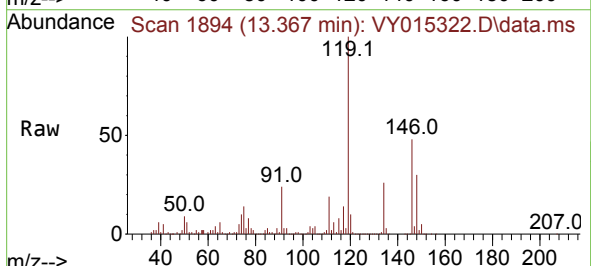
Tgt Ion:119 Resp: 240721

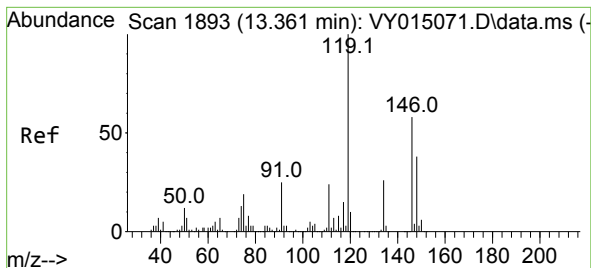
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 24.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 55.037 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015322.D

Acq: 24 Aug 2023 19:13

Instrument :

MSVOA_Y

ClientSampleId :

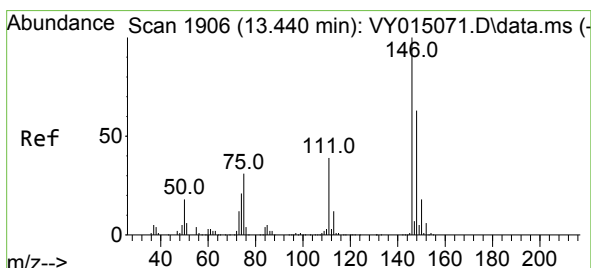
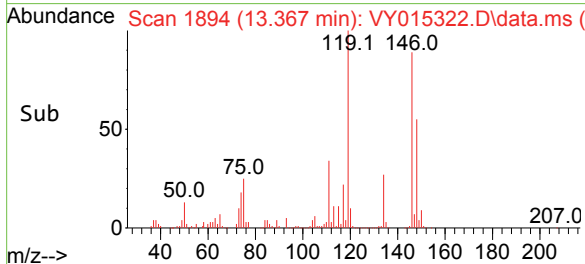
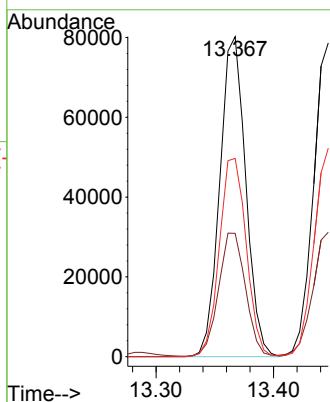
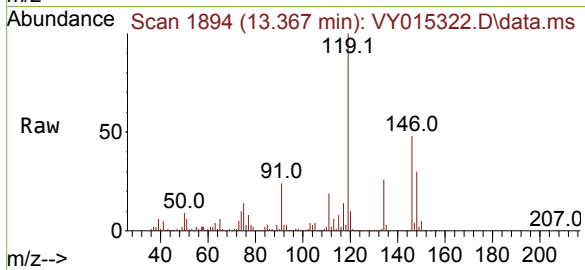
Tgt Ion:146 Resp: 123095

Ion Ratio Lower Upper

146 100

111 39.9 19.4 58.2

148 64.2 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 54.059 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015322.D

Acq: 24 Aug 2023 19:13

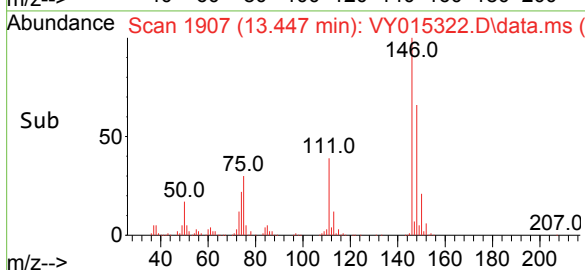
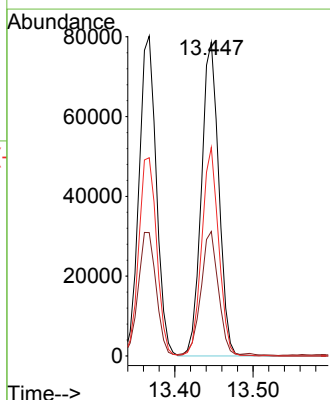
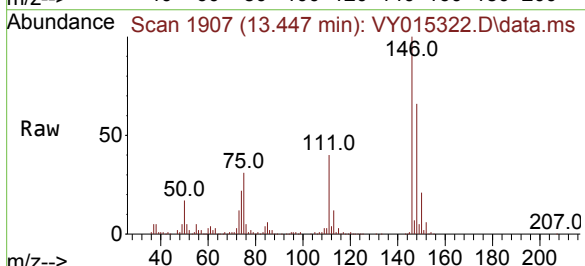
Tgt Ion:146 Resp: 121269

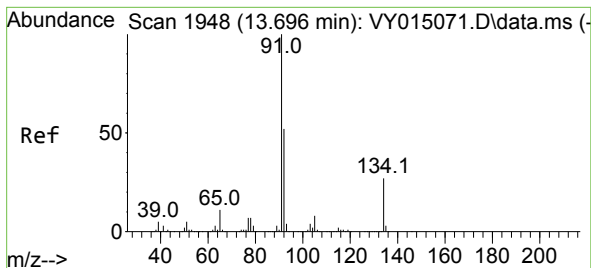
Ion Ratio Lower Upper

146 100

111 38.6 18.9 56.7

148 64.7 32.1 96.5





#89

n-Butylbenzene

Concen: 50.021 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015322.D

Acq: 24 Aug 2023 19:13

Instrument :

MSVOA_Y

ClientSampleId :

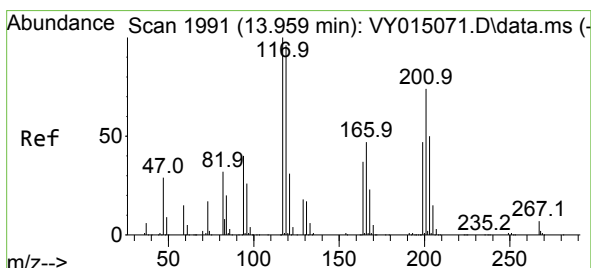
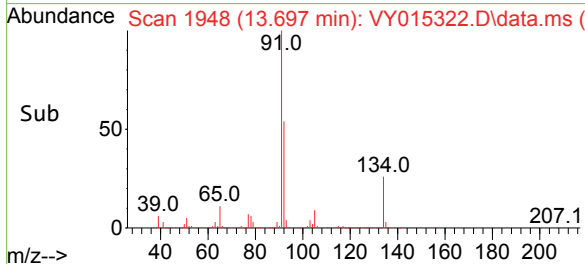
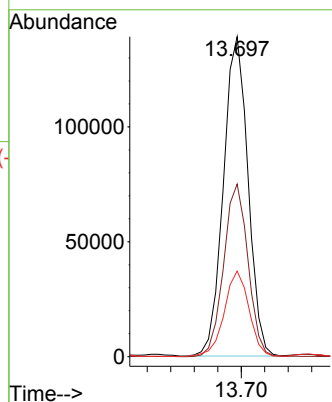
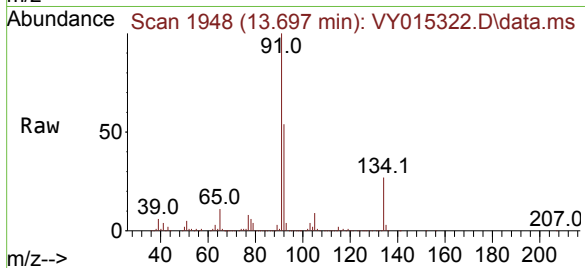
Tgt Ion: 91 Resp: 202080

Ion Ratio Lower Upper

91 100

92 53.5 25.4 76.0

134 27.2 12.6 37.6



#90

Hexachloroethane

Concen: 54.249 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015322.D

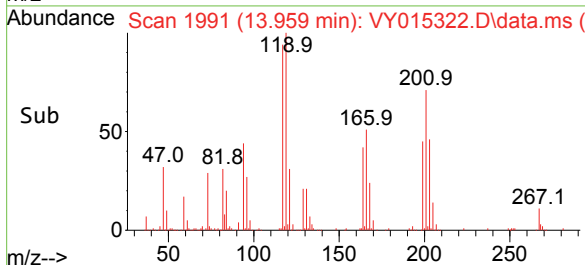
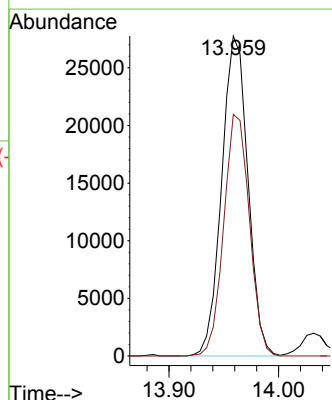
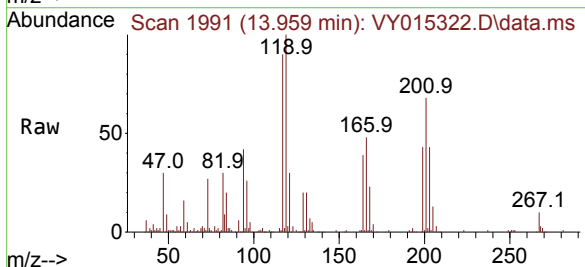
Acq: 24 Aug 2023 19:13

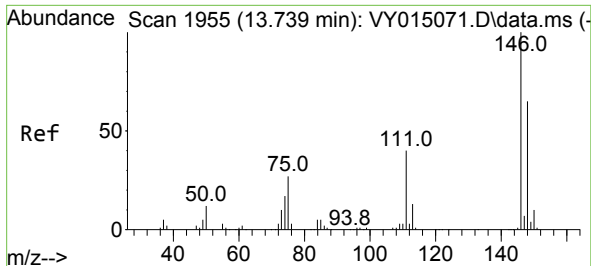
Tgt Ion: 117 Resp: 46113

Ion Ratio Lower Upper

117 100

201 73.9 41.6 124.8

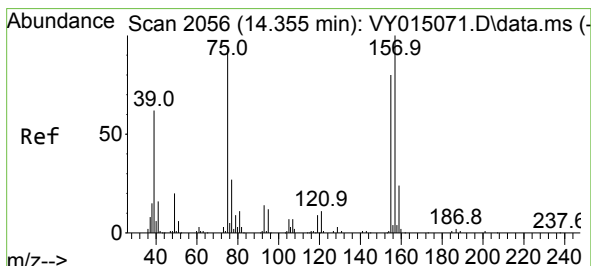
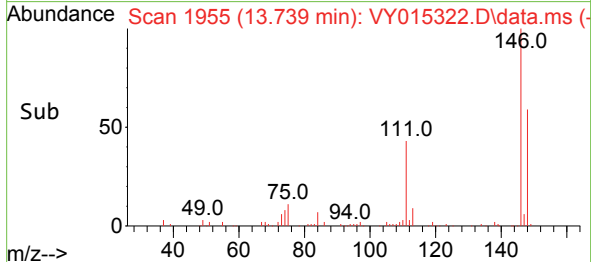
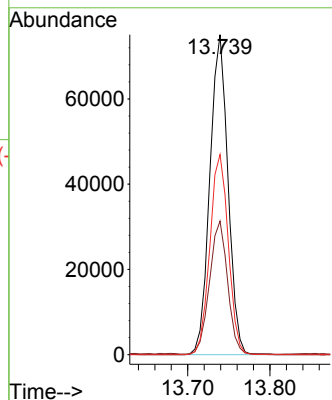
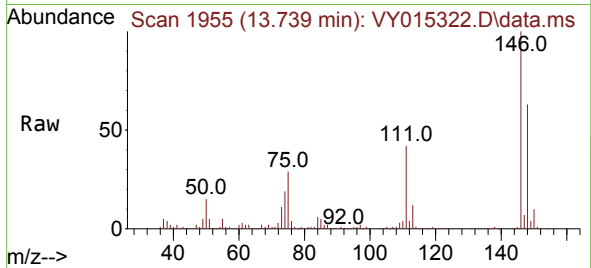




#91
 1,2-Dichlorobenzene
 Concen: 54.968 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.006 min
 Lab File: VY015322.D
 Acq: 24 Aug 2023 19:13

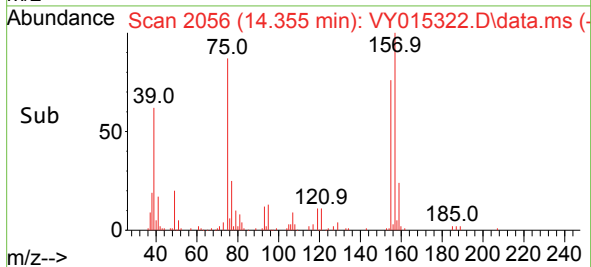
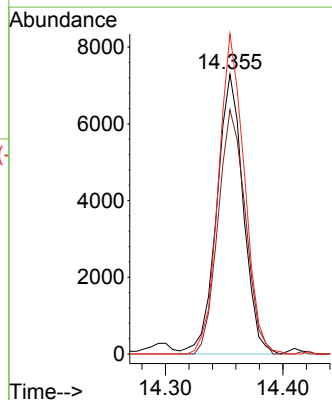
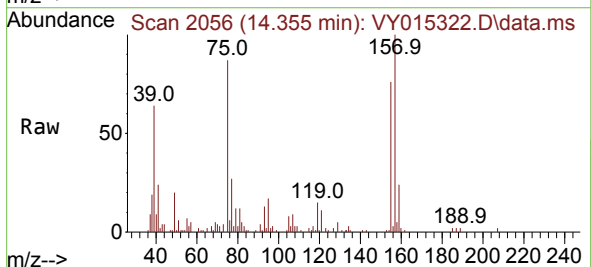
Instrument :
 MSVOA_Y
 ClientSampleId :

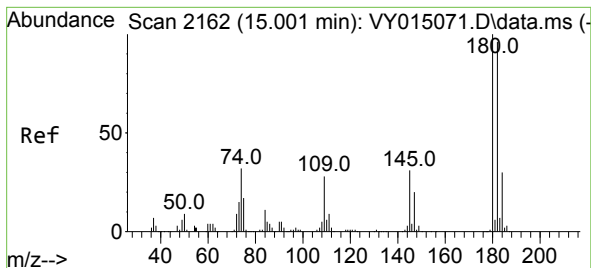
Tgt Ion:146 Resp: 114850
 Ion Ratio Lower Upper
 146 100
 111 41.6 19.7 59.0
 148 63.7 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.762 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY015322.D
 Acq: 24 Aug 2023 19:13

Tgt Ion: 75 Resp: 11381
 Ion Ratio Lower Upper
 75 100
 155 89.8 41.5 124.6
 157 112.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 41.899 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY015322.D

Acq: 24 Aug 2023 19:13

Instrument :

MSVOA_Y

ClientSampleId :

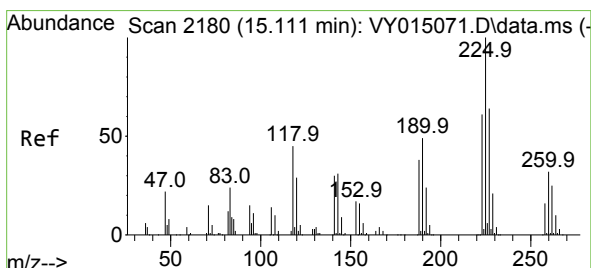
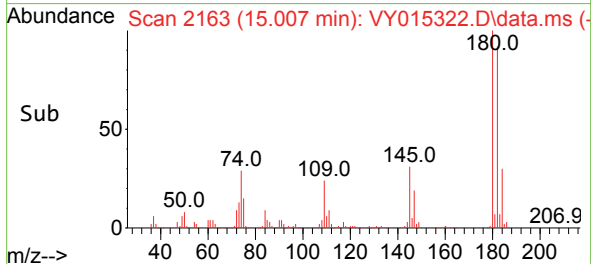
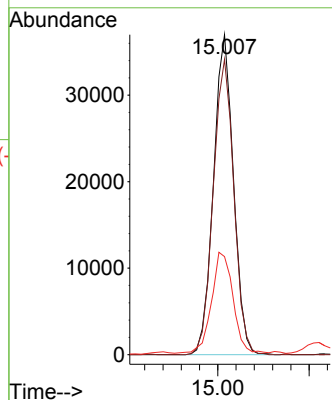
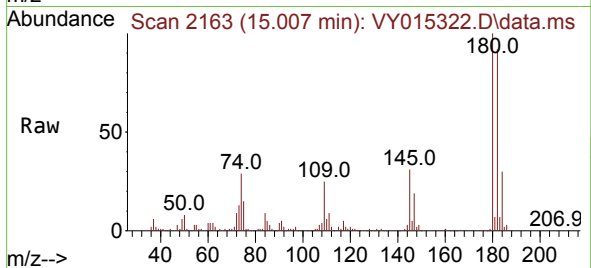
Tgt Ion:180 Resp: 56203

Ion Ratio Lower Upper

180 100

182 95.1 47.0 141.2

145 34.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 28.341 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015322.D

Acq: 24 Aug 2023 19:13

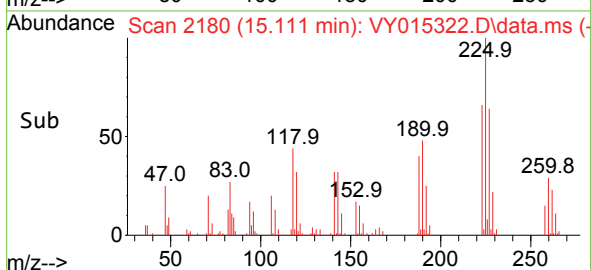
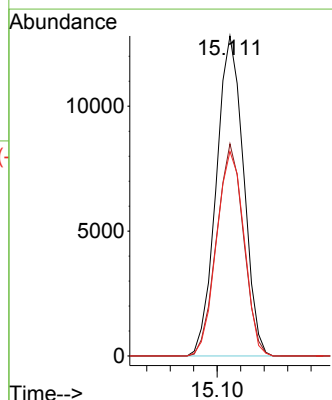
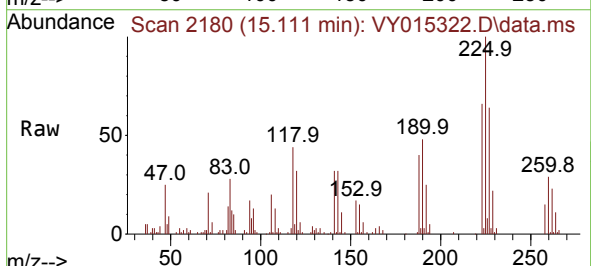
Tgt Ion:225 Resp: 20679

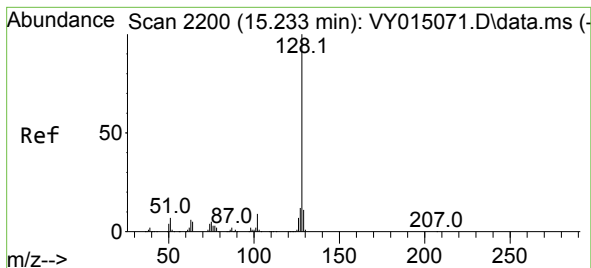
Ion Ratio Lower Upper

225 100

223 65.5 31.9 95.9

227 64.5 33.0 98.9





#95

Naphthalene

Concen: 47.444 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015322.D

Acq: 24 Aug 2023 19:13

Instrument :

MSVOA_Y

ClientSampleId :

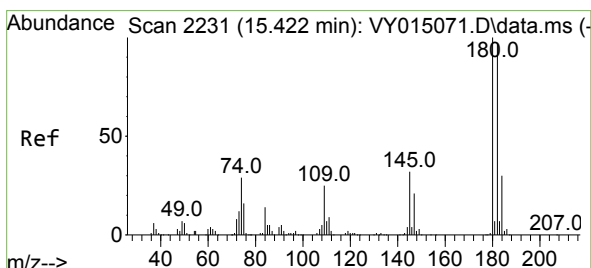
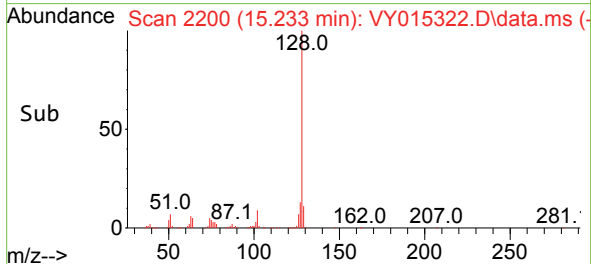
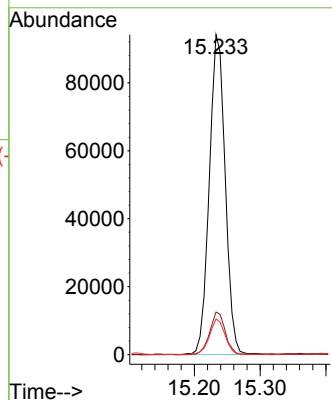
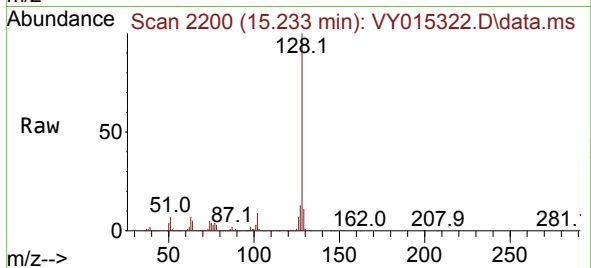
Tgt Ion:128 Resp: 158532

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 42.226 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015322.D

Acq: 24 Aug 2023 19:13

Tgt Ion:180 Resp: 51153

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.8

145 36.5 15.4 46.2

