

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021924\
 Data File : VY017413.D
 Acq On : 19 Feb 2024 19:21
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY021924

Quant Time: Feb 20 06:18:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	158377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	263985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	236580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	112537	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	74427	55.009	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.020%	
35) Dibromofluoromethane	7.728	113	78662	50.905	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.820%	
50) Toluene-d8	10.191	98	305270	50.937	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.880%	
62) 4-Bromofluorobenzene	12.489	95	97809	48.971	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.940%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	54175	42.897	ug/l	97
3) Chloromethane	2.119	50	111512	43.265	ug/l	97
4) Vinyl Chloride	2.253	62	145655	43.405	ug/l	99
5) Bromomethane	2.656	94	120506	48.798	ug/l	98
6) Chloroethane	2.796	64	96234	45.018	ug/l	98
7) Trichlorofluoromethane	3.125	101	126306	43.887	ug/l	98
8) Diethyl Ether	3.534	74	39358	48.385	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.905	101	71152	42.773	ug/l	99
10) Methyl Iodide	4.101	142	84859	47.935	ug/l	99
11) Tert butyl alcohol	4.960	59	26252	249.541	ug/l #	83
12) 1,1-Dichloroethene	3.881	96	67655	43.270	ug/l	99
13) Acrolein	3.735	56	36152	256.798	ug/l	99
14) Allyl chloride	4.491	41	85141	44.926	ug/l	99
15) Acrylonitrile	5.167	53	80376	248.539	ug/l	100
16) Acetone	3.954	43	71080	242.578	ug/l	94
17) Carbon Disulfide	4.204	76	215008	43.285	ug/l	98
18) Methyl Acetate	4.485	43	34385	51.749	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	175642	49.732	ug/l	98
20) Methylene Chloride	4.728	84	89491	49.668	ug/l	98
21) trans-1,2-Dichloroethene	5.234	96	81911	45.294	ug/l	98
22) Diisopropyl ether	6.131	45	207081	47.509	ug/l	97
23) Vinyl Acetate	6.070	43	639552	246.891	ug/l	100
24) 1,1-Dichloroethane	6.033	63	133051	45.024	ug/l	99
25) 2-Butanone	6.996	43	102742	249.792	ug/l	100
26) 2,2-Dichloropropane	6.990	77	112640	44.299	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	91411	45.510	ug/l	99
28) Bromochloromethane	7.344	49	54986	49.592	ug/l	100
29) Tetrahydrofuran	7.356	42	62564	258.752	ug/l	99
30) Chloroform	7.515	83	141607	45.394	ug/l	99
31) Cyclohexane	7.795	56	112845	42.131	ug/l	97
32) 1,1,1-Trichloroethane	7.716	97	121265	44.011	ug/l	99
36) 1,1-Dichloropropene	7.929	75	109054	42.256	ug/l	99
37) Ethyl Acetate	7.082	43	45410	48.322	ug/l	98
38) Carbon Tetrachloride	7.911	117	108324	42.157	ug/l	99
39) Methylcyclohexane	9.197	83	134565	42.596	ug/l	98
40) Benzene	8.173	78	325063	43.110	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	22490	49.005	ug/l	99
42) 1,2-Dichloroethane	8.246	62	82013	44.808	ug/l	99
43) Isopropyl Acetate	8.283	43	81939	48.250	ug/l	99
44) Trichloroethene	8.947	130	86476	42.310	ug/l	97
45) 1,2-Dichloropropane	9.228	63	76790	44.056	ug/l	100
46) Dibromomethane	9.319	93	44560	44.978	ug/l	99
47) Bromodichloromethane	9.508	83	109187	44.825	ug/l	98
48) Methyl methacrylate	9.301	41	38795	48.690	ug/l	98
49) 1,4-Dioxane	9.313	88	10232	987.470	ug/l #	98
51) 4-Methyl-2-Pentanone	10.081	43	226560	247.594	ug/l	99
52) Toluene	10.252	92	207493	44.078	ug/l	100
53) t-1,3-Dichloropropene	10.477	75	104369	46.274	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	123615	44.672	ug/l	99
55) 1,1,2-Trichloroethane	10.654	97	62892	46.138	ug/l	97
56) Ethyl methacrylate	10.520	69	76390	44.828	ug/l	99
57) 1,3-Dichloropropane	10.801	76	103580	45.926	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	211278	259.406	ug/l	99
59) 2-Hexanone	10.843	43	160421	254.526	ug/l	100
60) Dibromochloromethane	10.996	129	74085	45.721	ug/l	99
61) 1,2-Dibromoethane	11.099	107	58657	45.995	ug/l	99
64) Tetrachloroethene	10.733	164	79553	42.017	ug/l	97
65) Chlorobenzene	11.526	112	217726	42.720	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	81842	43.122	ug/l	98
67) Ethyl Benzene	11.605	91	396078	43.452	ug/l	98
68) m/p-Xylenes	11.715	106	311691	86.983	ug/l	99
69) o-Xylene	12.038	106	144437	43.937	ug/l	99
70) Styrene	12.056	104	245049	45.386	ug/l	99
71) Bromoform	12.221	173	45752	46.332	ug/l #	97
73) Isopropylbenzene	12.343	105	375979	43.252	ug/l	100
74) N-amyl acetate	12.154	43	73450	48.527	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	69640	44.824	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	85888	78.713	ug/l #	100
77) Bromobenzene	12.617	156	87263	42.803	ug/l	100
78) n-propylbenzene	12.678	91	458195	43.578	ug/l	100
79) 2-Chlorotoluene	12.770	91	251844	43.500	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	312174	44.898	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	22159	47.349	ug/l	97
82) 4-Chlorotoluene	12.867	91	261564	43.781	ug/l	99
83) tert-Butylbenzene	13.087	119	269094	44.321	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	308147	44.735	ug/l	100
85) sec-Butylbenzene	13.264	105	407970	43.748	ug/l	100
86) p-Isopropyltoluene	13.379	119	339075	44.146	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	179183	43.521	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	175267	44.088	ug/l	99
89) n-Butylbenzene	13.702	91	311750	44.627	ug/l	99
90) Hexachloroethane	13.971	117	63460	42.165	ug/l	100
91) 1,2-Dichlorobenzene	13.751	146	152733	44.072	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	9019	45.928	ug/l	97
93) 1,2,4-Trichlorobenzene	15.019	180	83185	45.907	ug/l	99
94) Hexachlorobutadiene	15.117	225	46293	42.005	ug/l	99
95) Naphthalene	15.245	128	152648	45.685	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	71307	46.808	ug/l	99

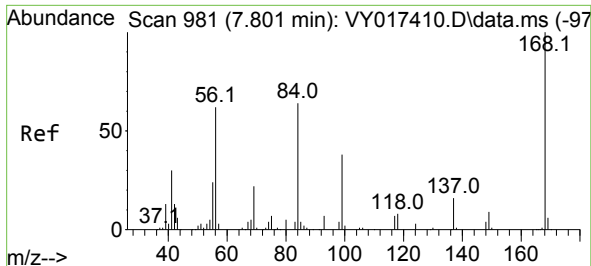
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Quant Title : SW846 8260
QLast Update : Tue Feb 20 06:16:24 2024
Response via : Initial Calibration

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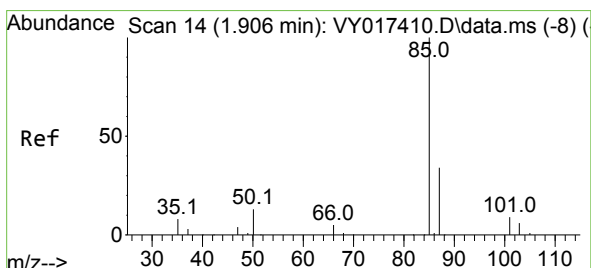
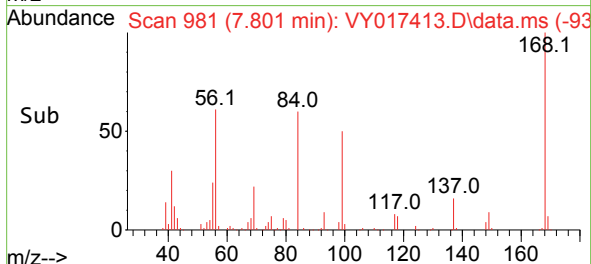
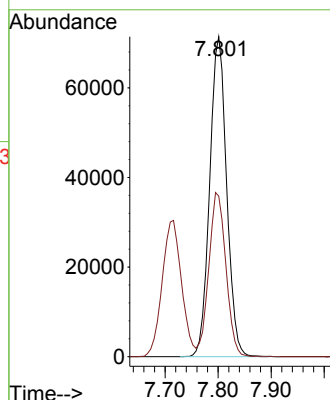
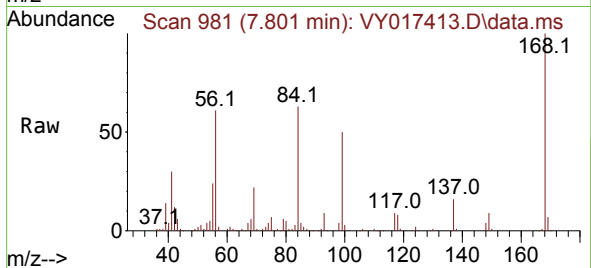
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

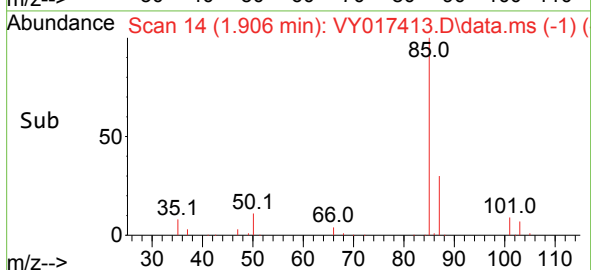
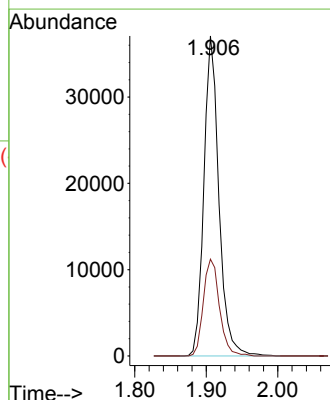
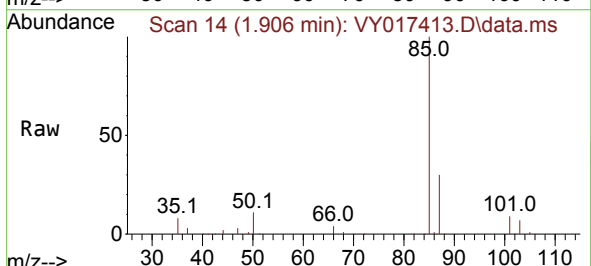
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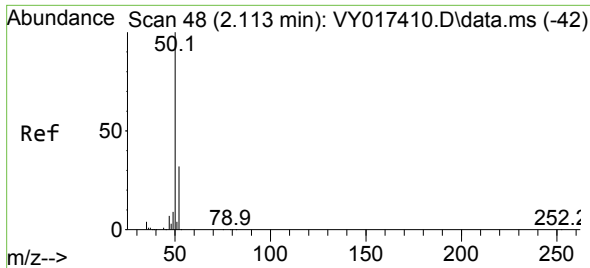
Tgt Ion:168 Resp: 158377
Ion Ratio Lower Upper
168 100
99 50.2 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 42.897 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

Tgt Ion: 85 Resp: 54175
Ion Ratio Lower Upper
85 100
87 30.3 16.0 48.0

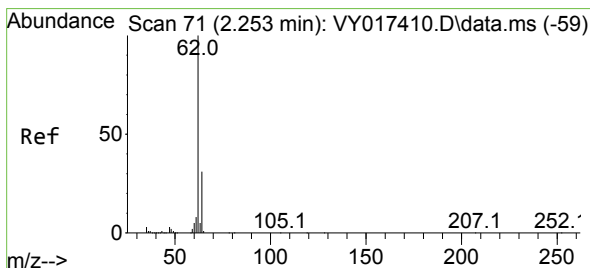
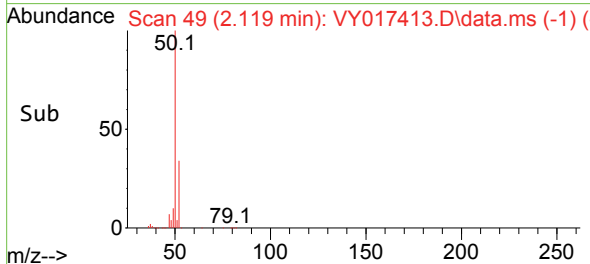
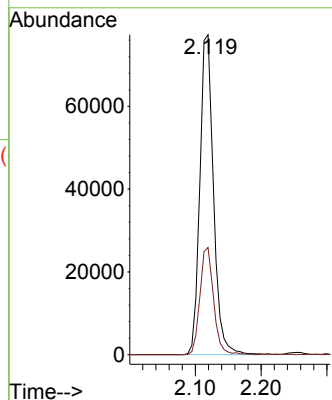
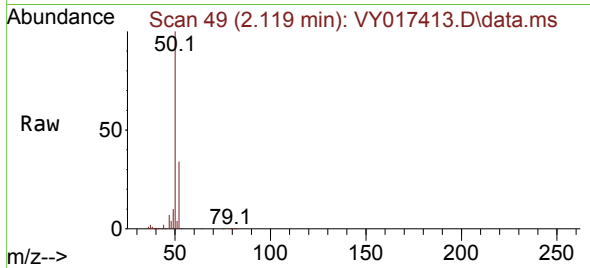




#3
Chloromethane
Concen: 43.265 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

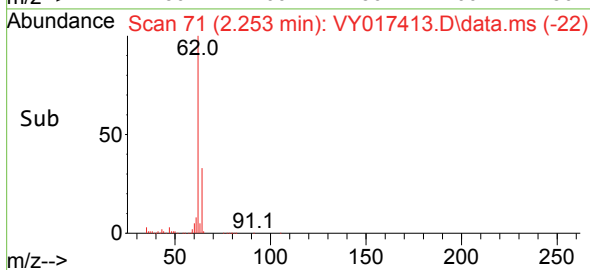
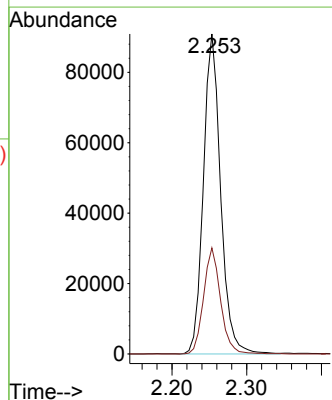
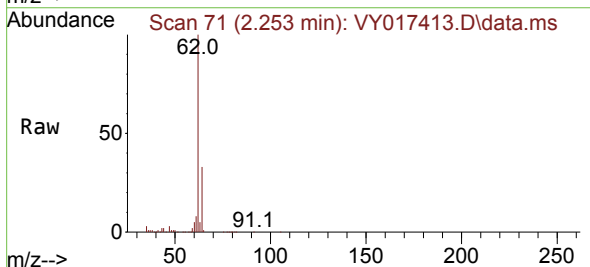
Instrument :
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ClientSampleId :
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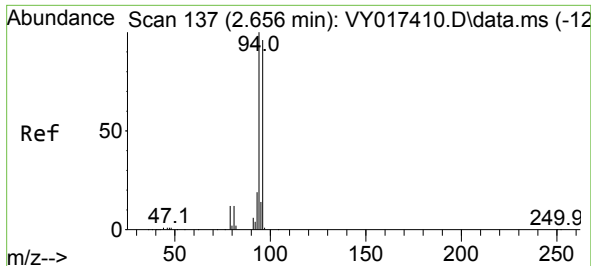
Tgt Ion: 50 Resp: 111512
Ion Ratio Lower Upper
50 100
52 33.5 25.6 38.4



#4
Vinyl Chloride
Concen: 43.405 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

Tgt Ion: 62 Resp: 145655
Ion Ratio Lower Upper
62 100
64 33.2 26.1 39.1

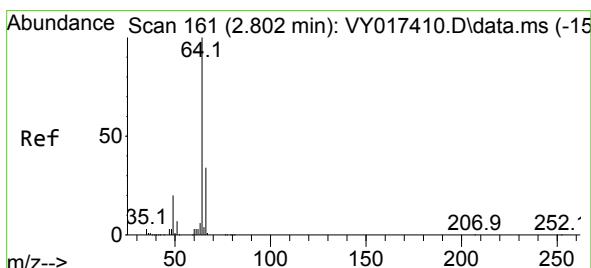
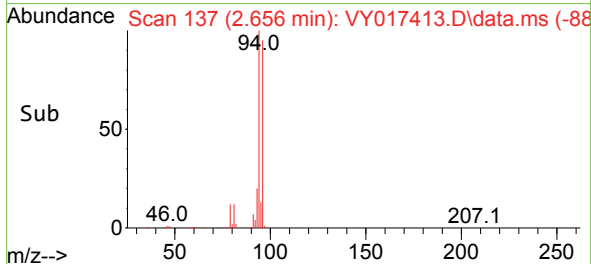
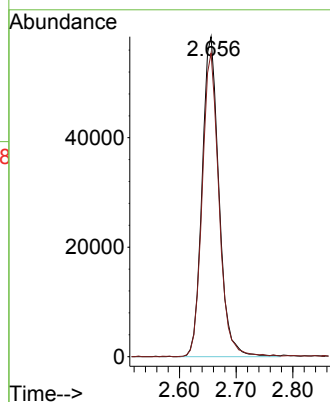
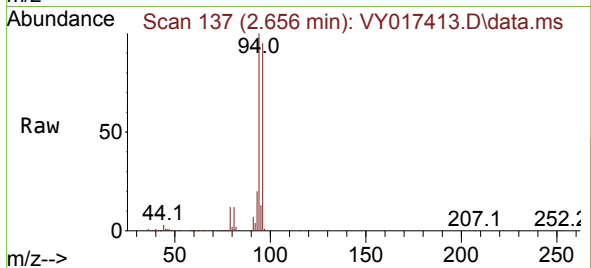




#5
Bromomethane
Concen: 48.798 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

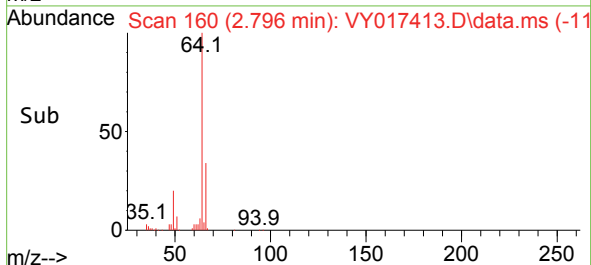
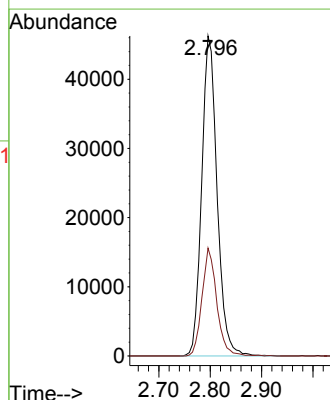
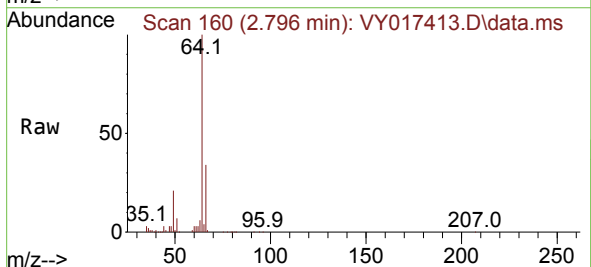
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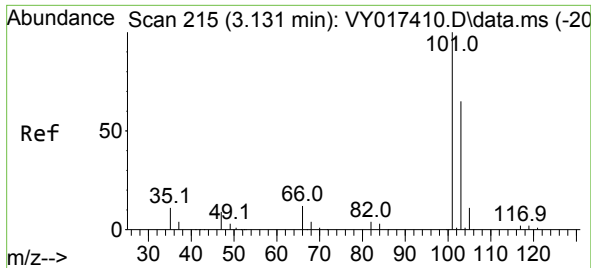
Tgt Ion: 94 Resp: 120506
Ion Ratio Lower Upper
94 100
96 94.8 74.1 111.1



#6
Chloroethane
Concen: 45.018 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

Tgt Ion: 64 Resp: 96234
Ion Ratio Lower Upper
64 100
66 33.7 26.1 39.1

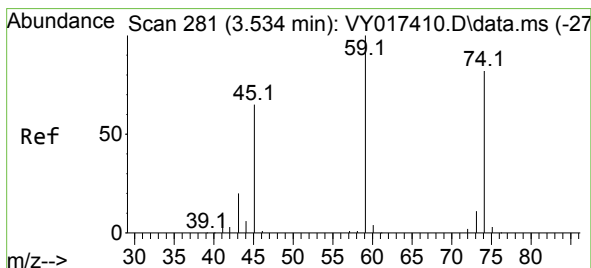
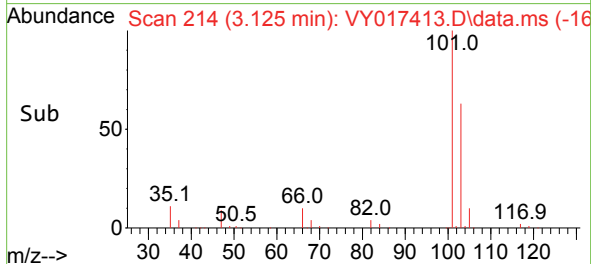
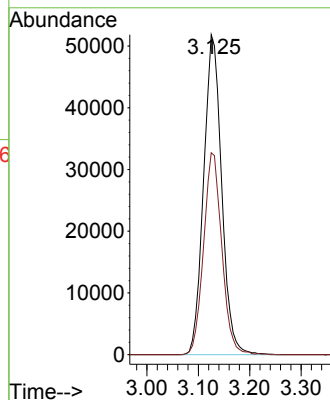
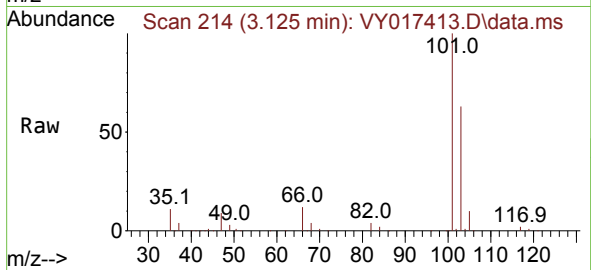




#7
 Trichlorofluoromethane
 Concen: 43.887 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY017413.D
 Acq: 19 Feb 2024 19:21

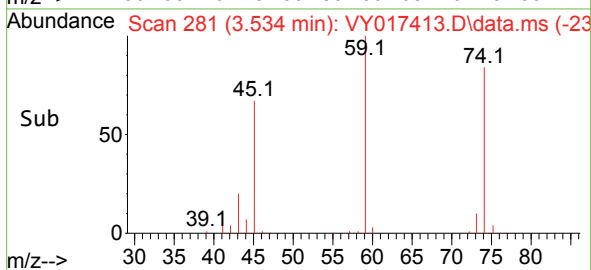
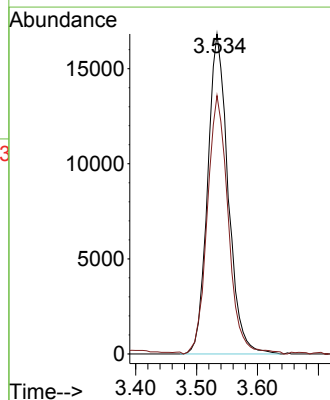
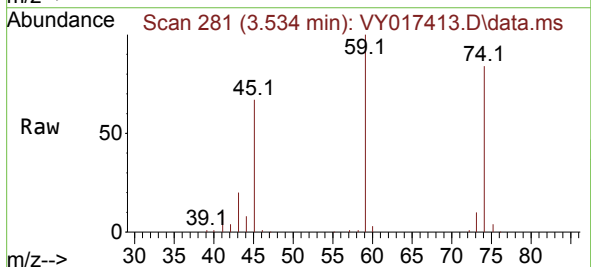
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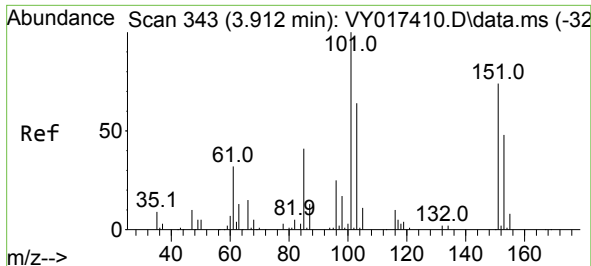
Tgt Ion:101 Resp: 126306
 Ion Ratio Lower Upper
 101 100
 103 63.1 49.3 73.9



#8
 Diethyl Ether
 Concen: 48.385 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
 Lab File: VY017413.D
 Acq: 19 Feb 2024 19:21

Tgt Ion: 74 Resp: 39358
 Ion Ratio Lower Upper
 74 100
 45 82.4 41.3 124.1

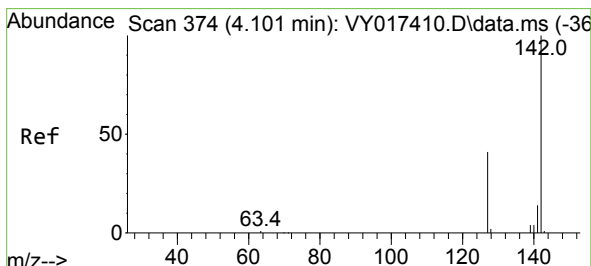
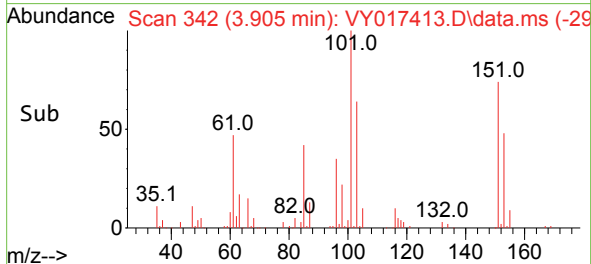
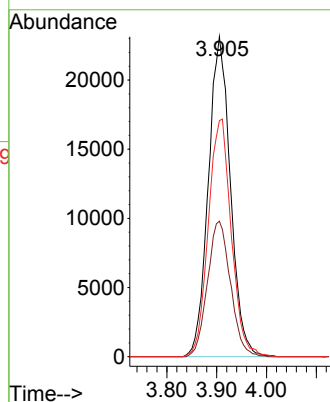
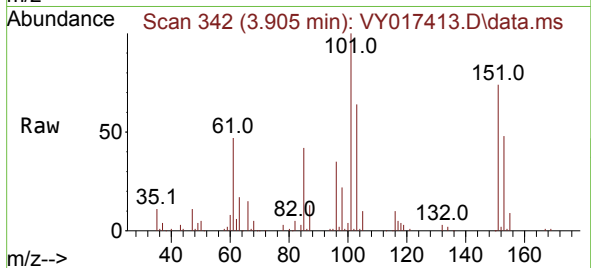




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.773 ug/l
RT: 3.905 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY017413.D
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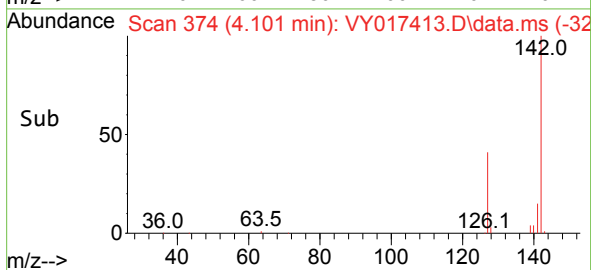
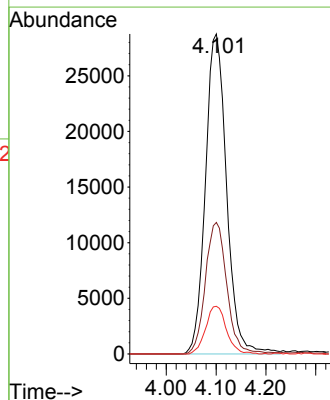
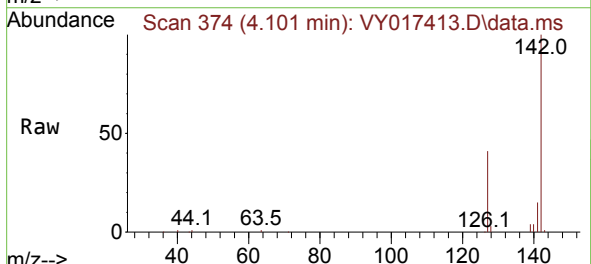
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY021924

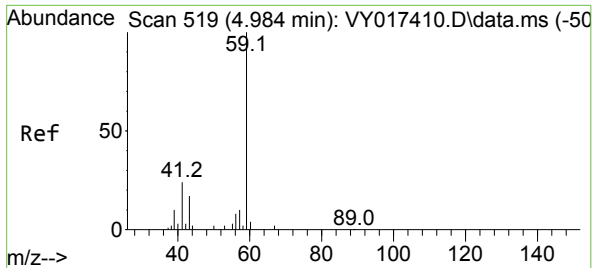
Tgt Ion:101 Resp: 71152
Ion Ratio Lower Upper
101 100
85 44.1 34.5 51.7
151 77.2 61.7 92.5



#10
Methyl Iodide
Concen: 47.935 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

Tgt Ion:142 Resp: 84859
Ion Ratio Lower Upper
142 100
127 41.8 32.8 49.2
141 14.6 11.4 17.2

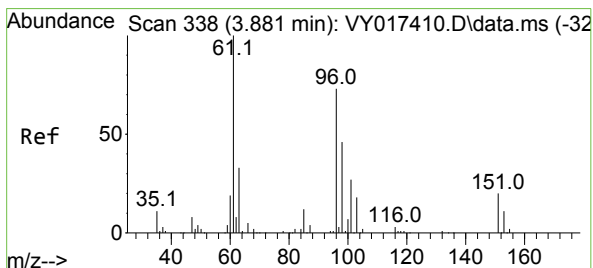
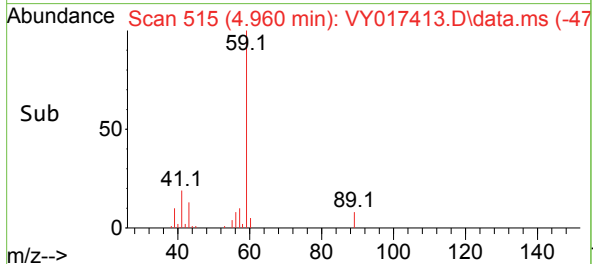
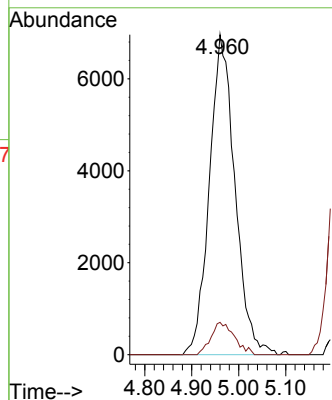
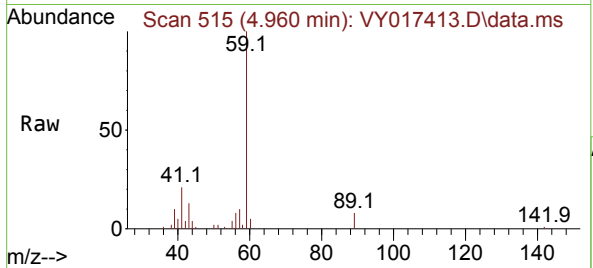




#11
Tert butyl alcohol
Concen: 249.541 ug/l
RT: 4.960 min Scan# 519
Delta R.T. -0.024 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

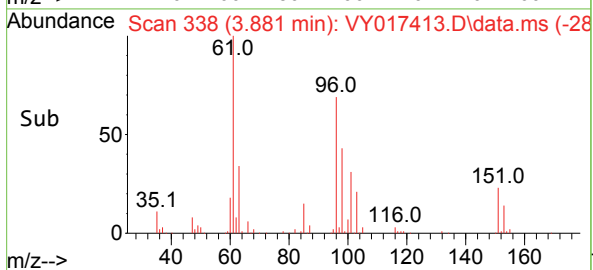
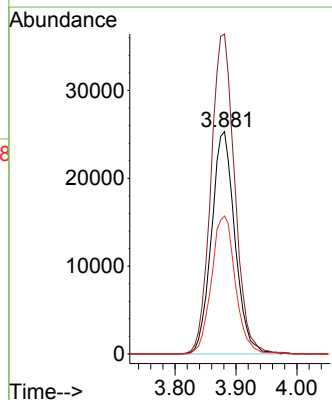
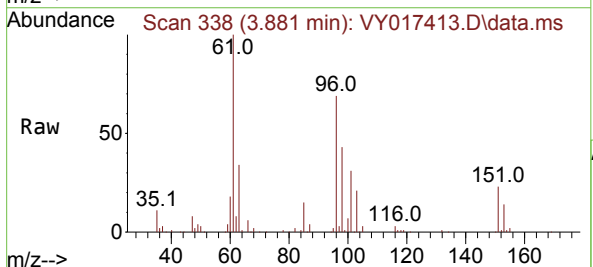
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY021924

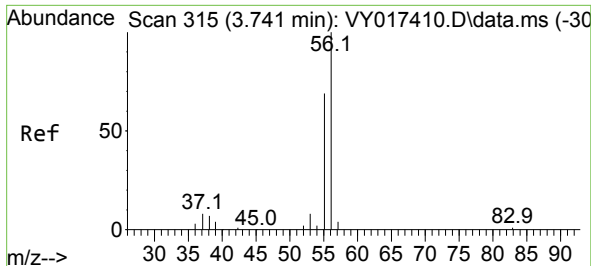
Tgt Ion: 59 Resp: 26252
Ion Ratio Lower Upper
59 100
57 9.3 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 43.270 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

Tgt Ion: 96 Resp: 67655
Ion Ratio Lower Upper
96 100
61 143.9 114.6 171.8
98 62.0 50.8 76.2





#13

Acrolein

Concen: 256.798 ug/l

RT: 3.735 min Scan# 315

Delta R.T. -0.006 min

Lab File: VY017413.D

Acq: 19 Feb 2024 19:21

Instrument :

MSVOA_Y

ClientSampleId :

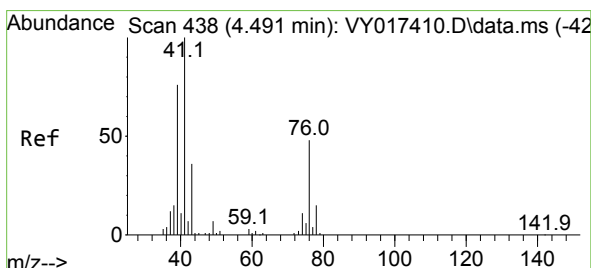
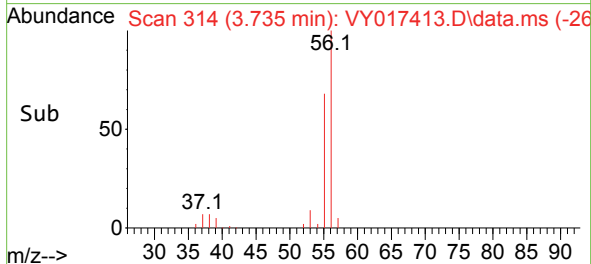
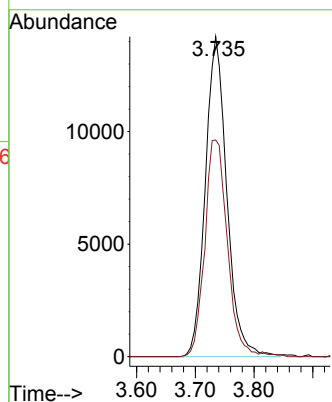
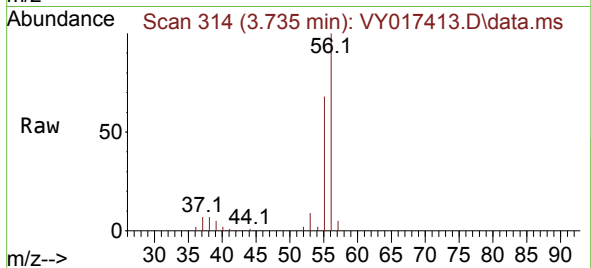
ICVVY021924

Tgt Ion: 56 Resp: 36152

Ion Ratio Lower Upper

56 100

55 70.6 55.7 83.5



#14

Allyl chloride

Concen: 44.926 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY017413.D

Acq: 19 Feb 2024 19:21

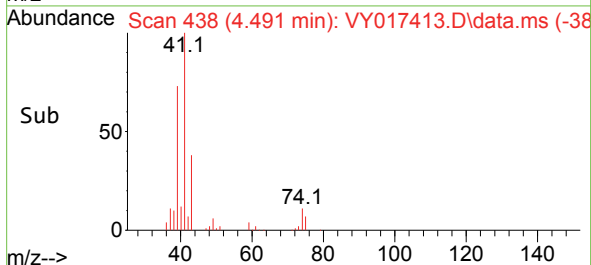
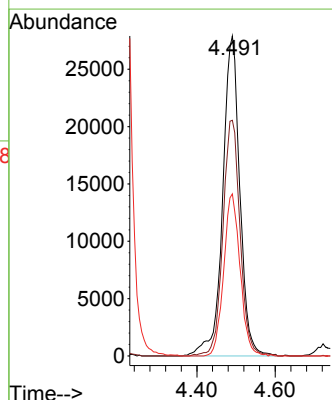
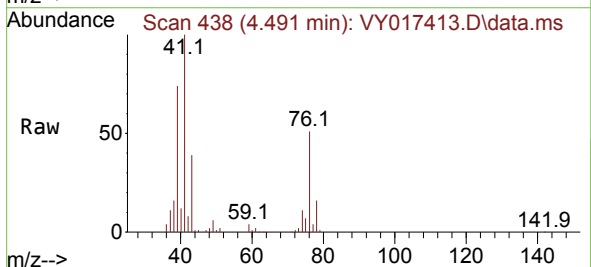
Tgt Ion: 41 Resp: 85141

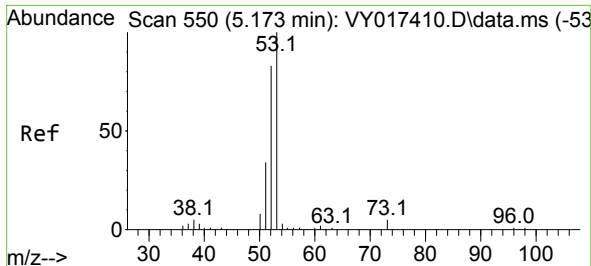
Ion Ratio Lower Upper

41 100

39 73.8 58.3 87.5

76 48.4 39.0 58.6

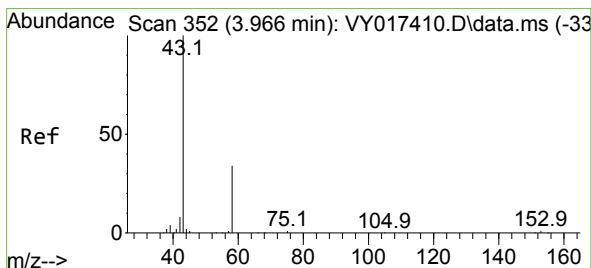
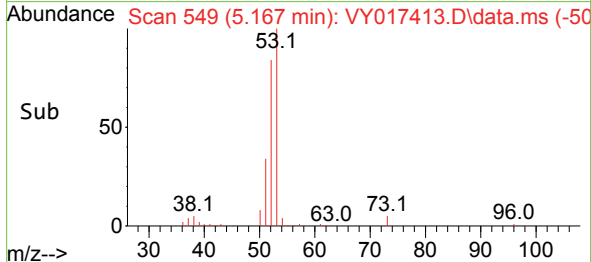
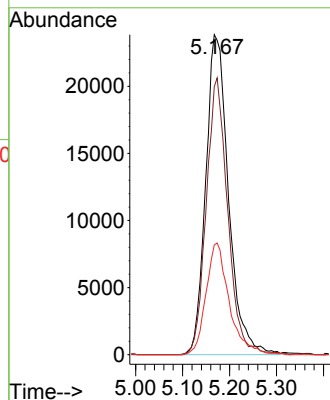
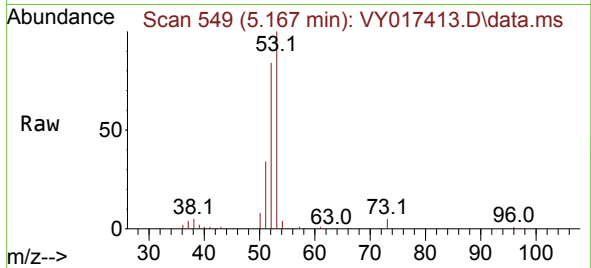




#15
Acrylonitrile
Concen: 248.539 ug/l
RT: 5.167 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

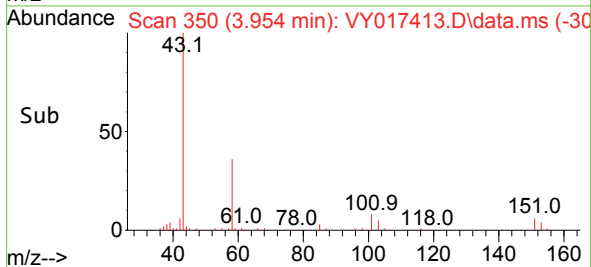
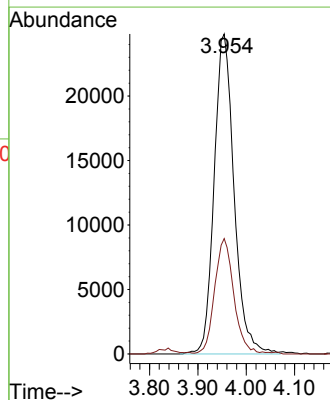
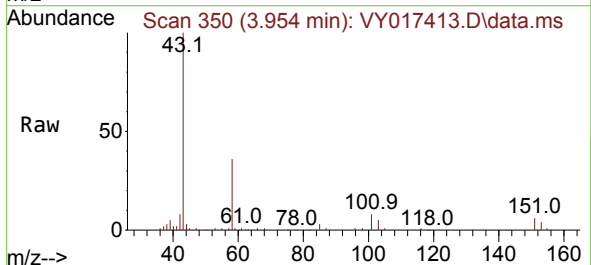
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY021924

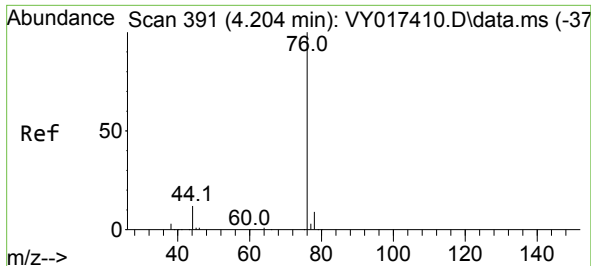
Tgt Ion: 53 Resp: 80376
Ion Ratio Lower Upper
53 100
52 81.5 64.7 97.1
51 35.6 28.4 42.6



#16
Acetone
Concen: 242.578 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.012 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

Tgt Ion: 43 Resp: 71080
Ion Ratio Lower Upper
43 100
58 35.8 31.7 47.5





#17

Carbon Disulfide

Concen: 43.285 ug/l

RT: 4.204 min Scan# 391

Delta R.T. 0.000 min

Lab File: VY017413.D

Acq: 19 Feb 2024 19:21

Instrument :

MSVOA_Y

ClientSampleId :

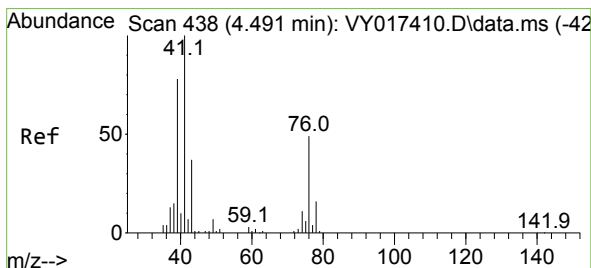
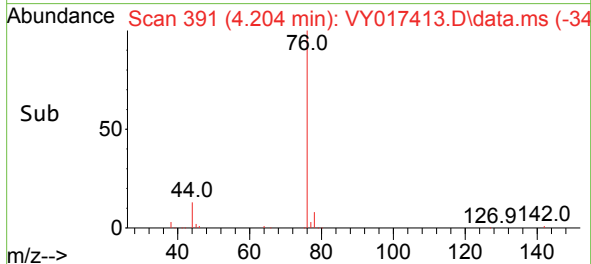
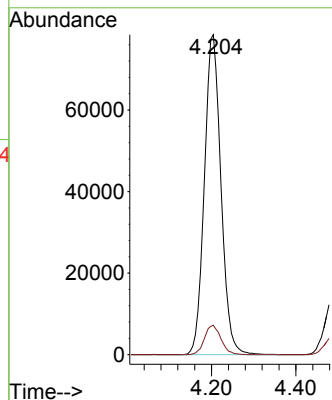
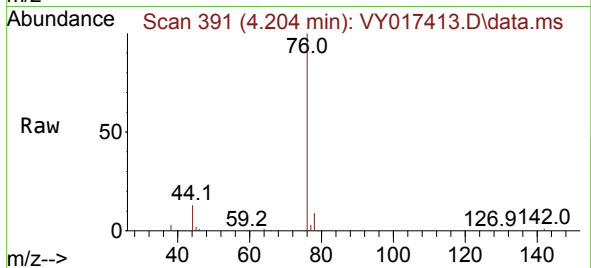
ICVVY021924

Tgt Ion: 76 Resp: 215008

Ion Ratio Lower Upper

76 100

78 9.2 6.8 10.2



#18

Methyl Acetate

Concen: 51.749 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY017413.D

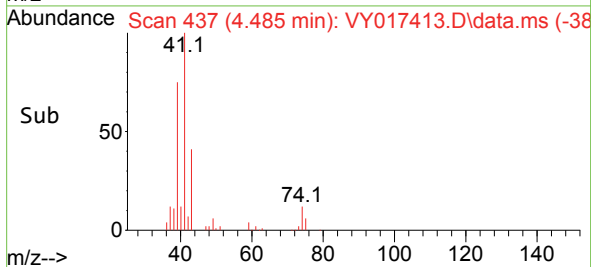
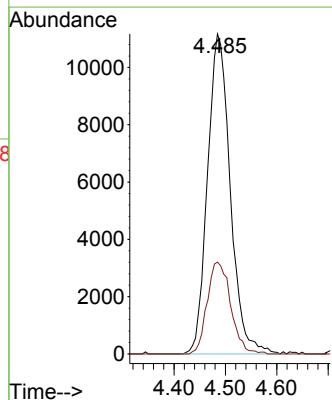
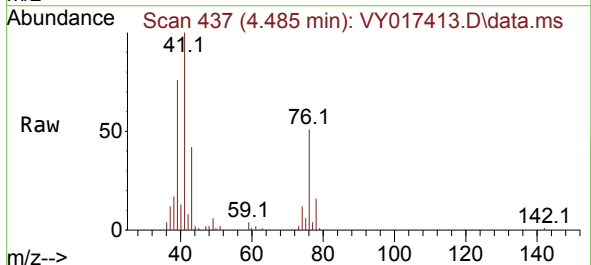
Acq: 19 Feb 2024 19:21

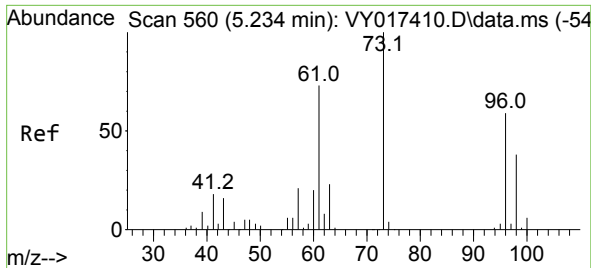
Tgt Ion: 43 Resp: 34385

Ion Ratio Lower Upper

43 100

74 29.7 23.3 34.9

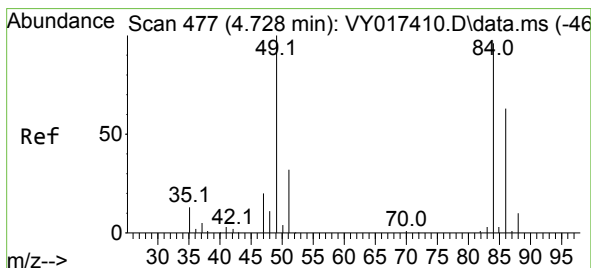
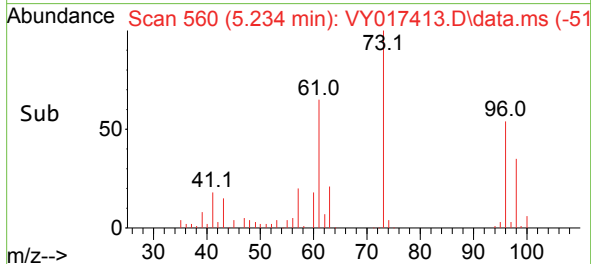
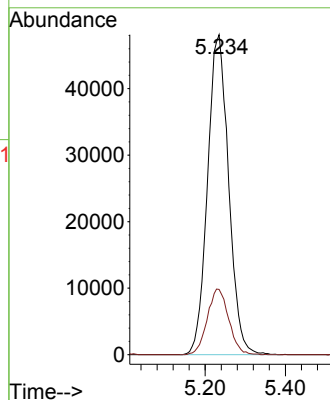
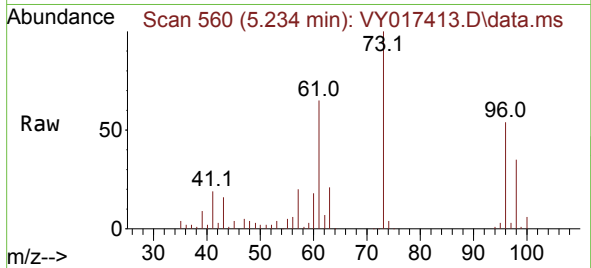




#19
Methyl tert-butyl Ether
Concen: 49.732 ug/l
RT: 5.234 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

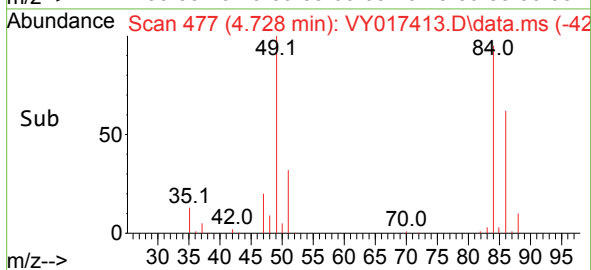
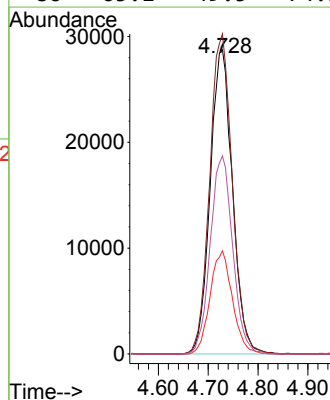
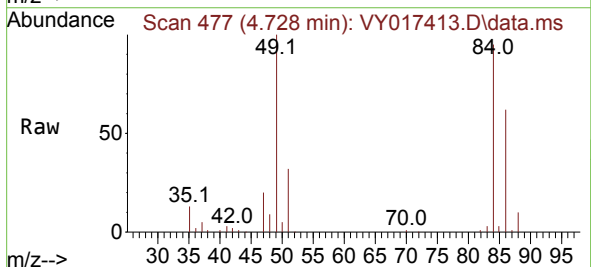
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY021924

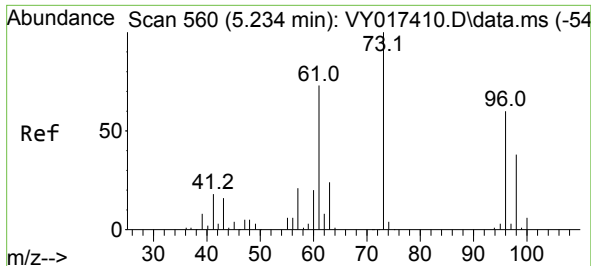
Tgt Ion: 73 Resp: 175642
Ion Ratio Lower Upper
73 100
57 20.4 17.3 25.9



#20
Methylene Chloride
Concen: 49.668 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

Tgt Ion: 84 Resp: 89491
Ion Ratio Lower Upper
84 100
49 105.2 84.4 126.6
51 33.9 26.0 39.0
86 65.1 49.5 74.3

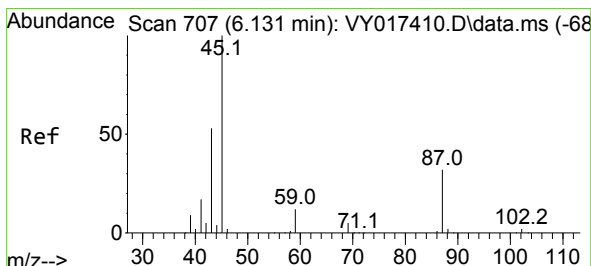
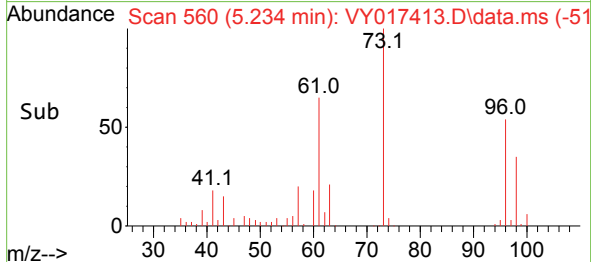
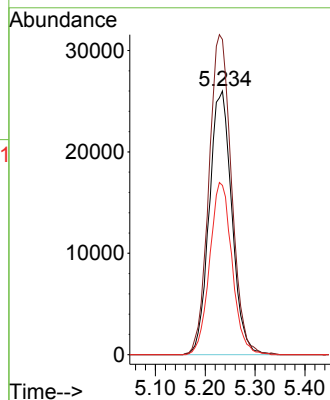
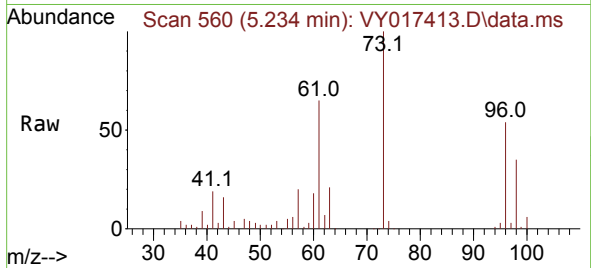




#21
trans-1,2-Dichloroethene
Concen: 45.294 ug/l
RT: 5.234 min Scan# 560
Delta R.T. 0.000 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

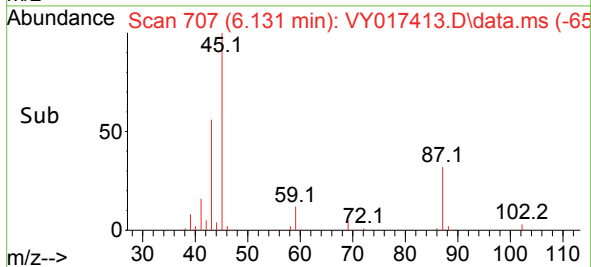
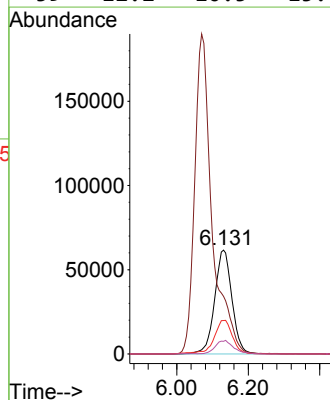
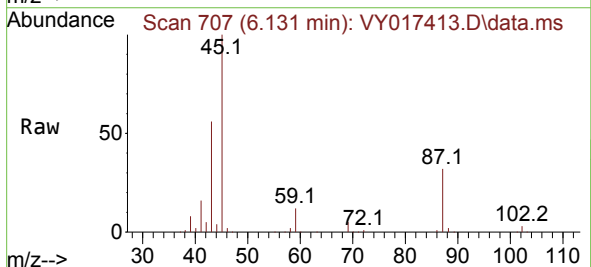
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY021924

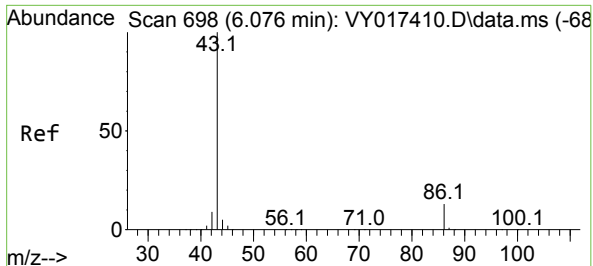
Tgt Ion: 96 Resp: 81911
Ion Ratio Lower Upper
96 100
61 119.6 97.5 146.3
98 64.2 50.5 75.7



#22
Diisopropyl ether
Concen: 47.509 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

Tgt Ion: 45 Resp: 207081
Ion Ratio Lower Upper
45 100
43 55.2 42.2 63.2
87 32.3 25.0 37.6
59 12.2 10.5 15.7

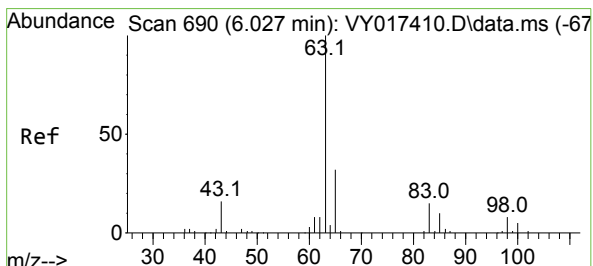
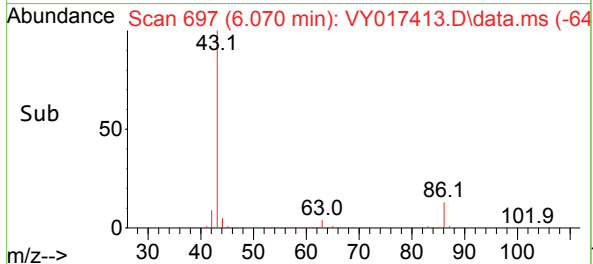
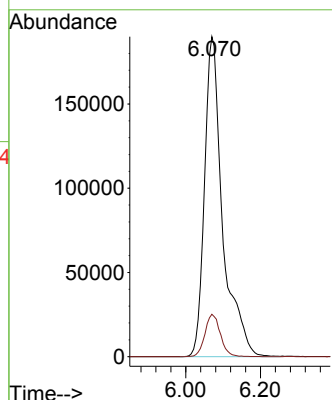
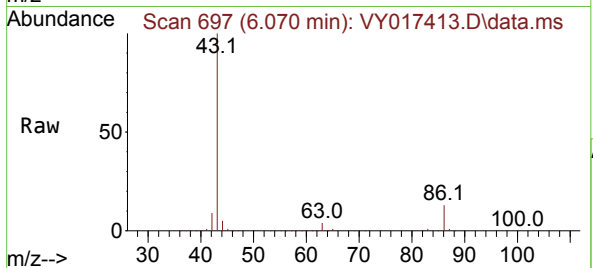




#23
 Vinyl Acetate
 Concen: 246.891 ug/l
 RT: 6.070 min Scan# 698
 Delta R.T. -0.006 min
 Lab File: VY017413.D
 Acq: 19 Feb 2024 19:21

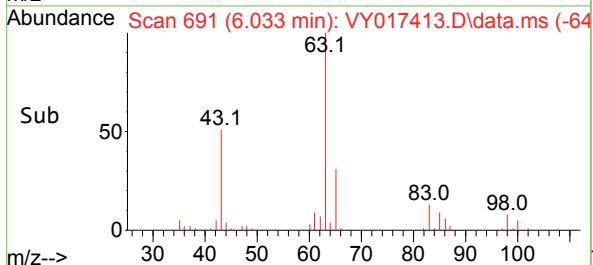
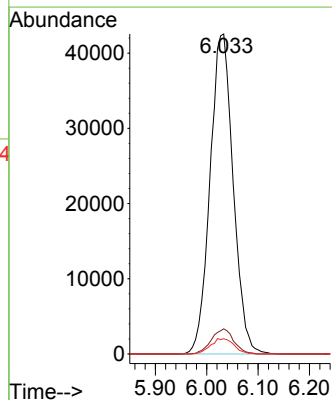
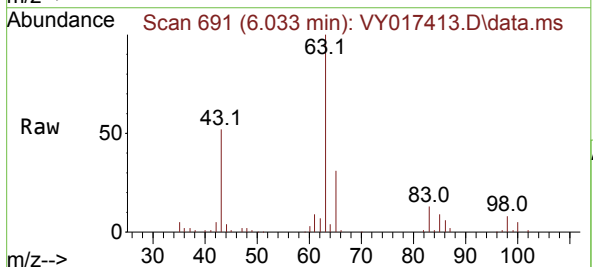
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY021924

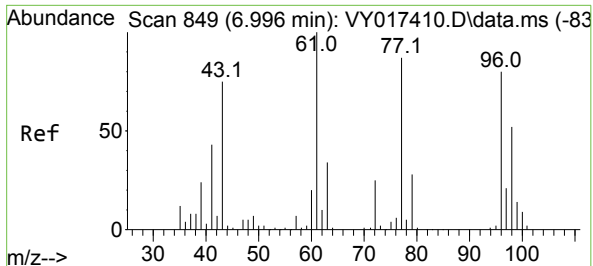
Tgt Ion: 43 Resp: 639552
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 45.024 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY017413.D
 Acq: 19 Feb 2024 19:21

Tgt Ion: 63 Resp: 133051
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 12.2
 100 4.7 2.6 8.0





#25

2-Butanone

Concen: 249.792 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY017413.D

Acq: 19 Feb 2024 19:21

Instrument :

MSVOA_Y

ClientSampleId :

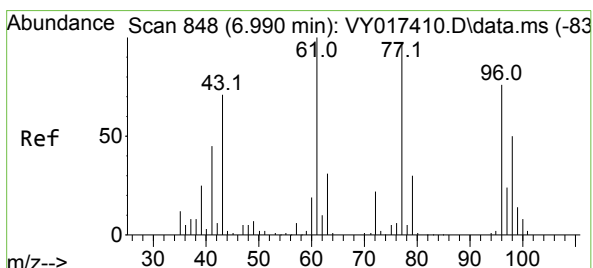
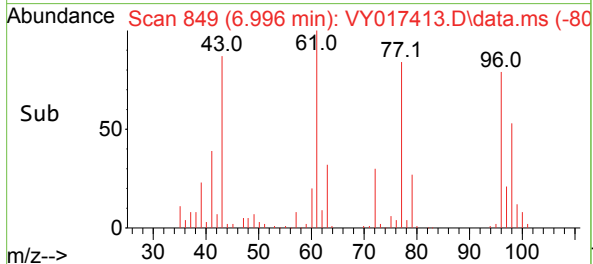
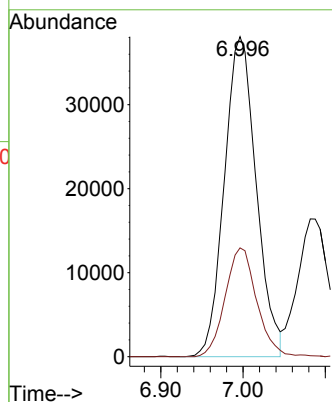
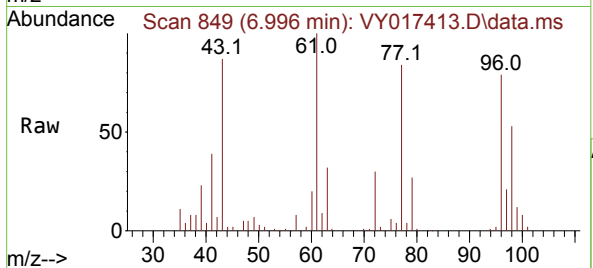
ICVVY021924

Tgt Ion: 43 Resp: 102742

Ion Ratio Lower Upper

43 100

72 34.0 27.3 40.9



#26

2,2-Dichloropropane

Concen: 44.299 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY017413.D

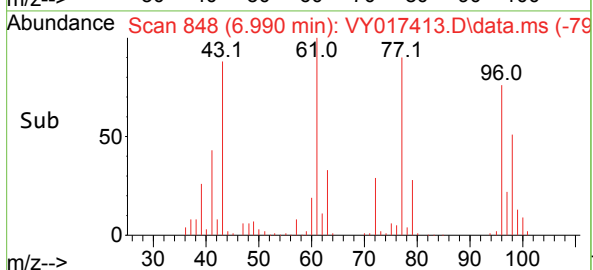
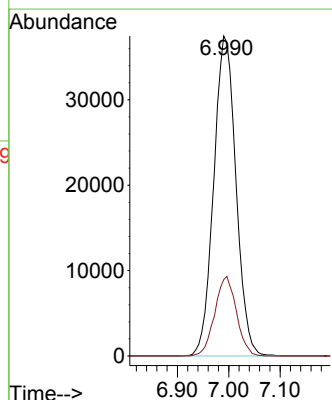
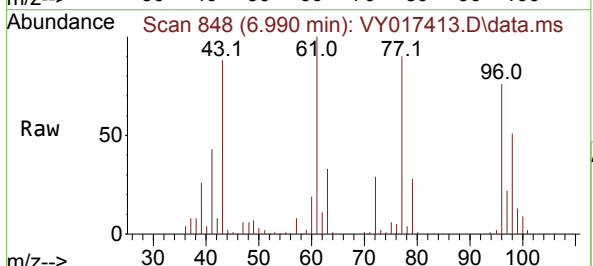
Acq: 19 Feb 2024 19:21

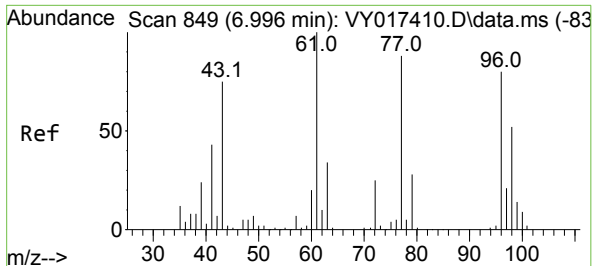
Tgt Ion: 77 Resp: 112640

Ion Ratio Lower Upper

77 100

97 24.2 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 45.510 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY017413.D

Acq: 19 Feb 2024 19:21

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY021924

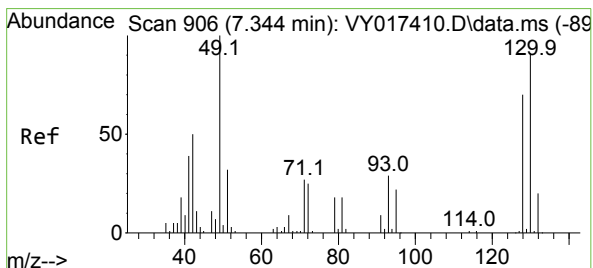
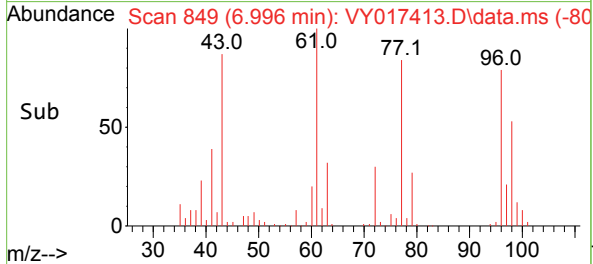
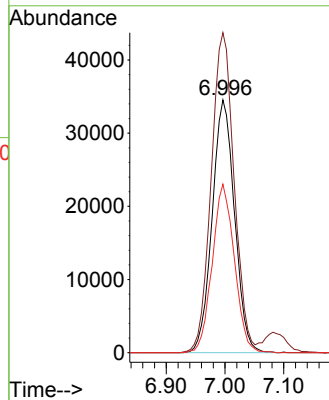
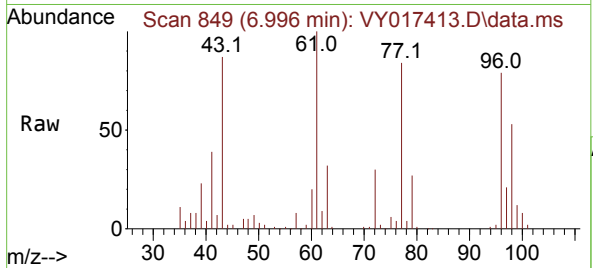
Tgt Ion: 96 Resp: 91411

Ion Ratio Lower Upper

96 100

61 129.6 0.0 256.2

98 66.0 0.0 130.0



#28

Bromochloromethane

Concen: 49.592 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY017413.D

Acq: 19 Feb 2024 19:21

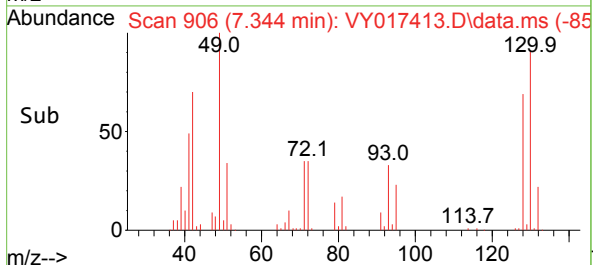
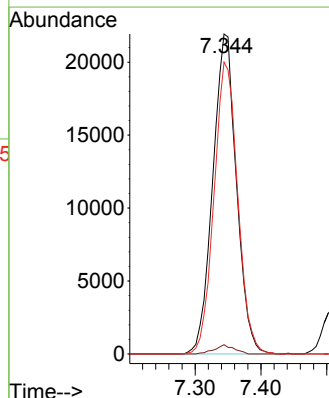
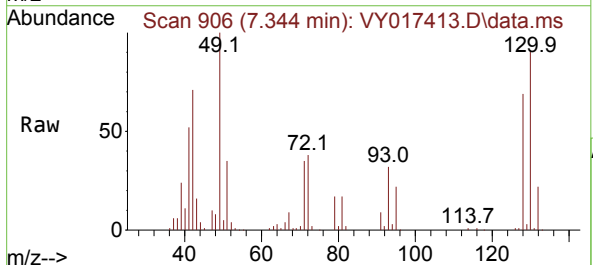
Tgt Ion: 49 Resp: 54986

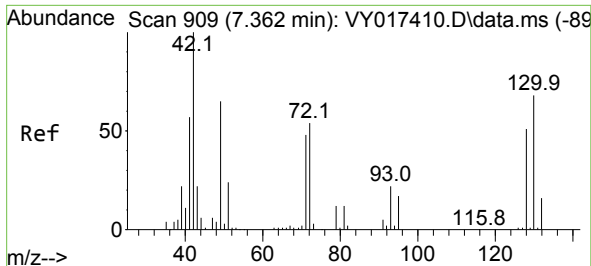
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 91.3 72.7 109.1





#29

Tetrahydrofuran

Concen: 258.752 ug/l

RT: 7.356 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY017413.D

Acq: 19 Feb 2024 19:21

Instrument :

MSVOA_Y

ClientSampleId :

ICVY021924

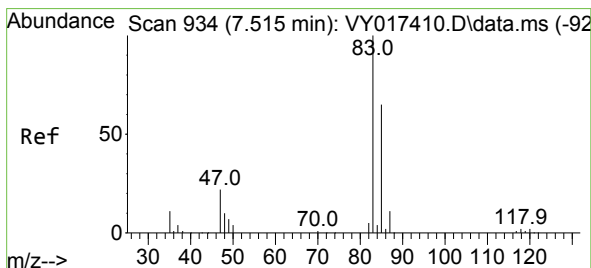
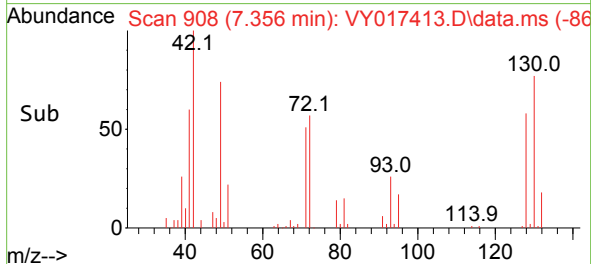
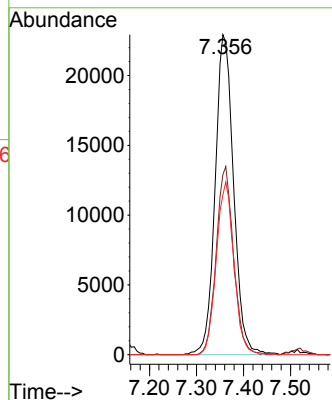
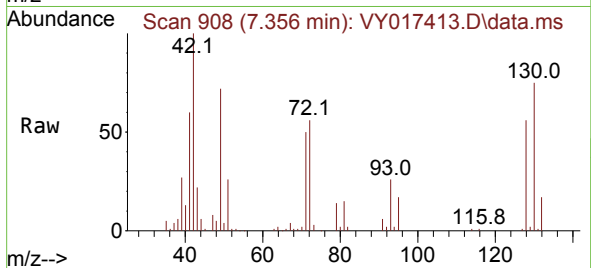
Tgt Ion: 42 Resp: 62564

Ion Ratio Lower Upper

42 100

72 55.3 43.0 64.4

71 51.3 40.8 61.2



#30

Chloroform

Concen: 45.394 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY017413.D

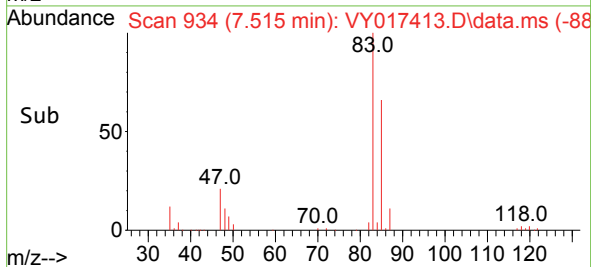
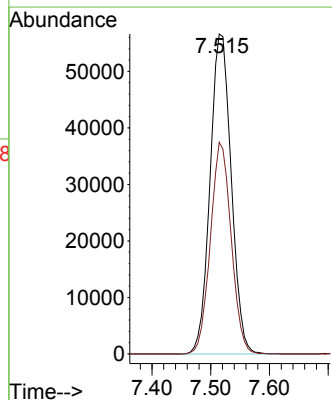
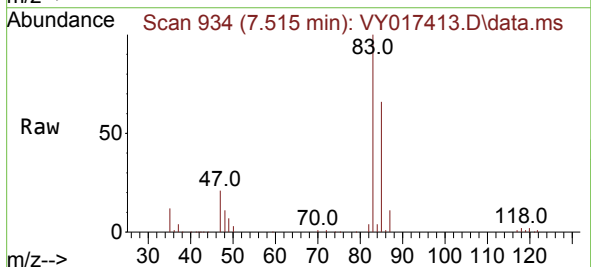
Acq: 19 Feb 2024 19:21

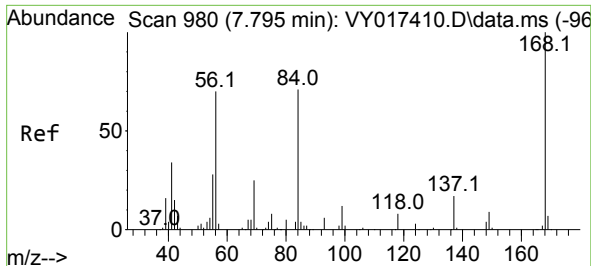
Tgt Ion: 83 Resp: 141607

Ion Ratio Lower Upper

83 100

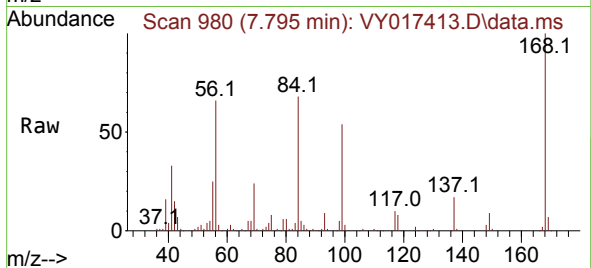
85 66.2 52.2 78.4



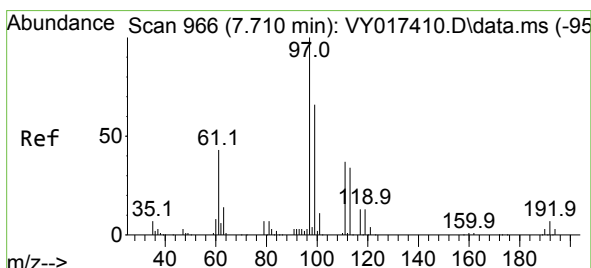
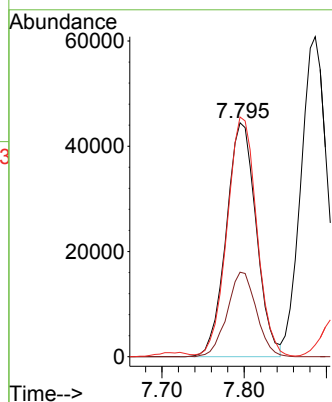
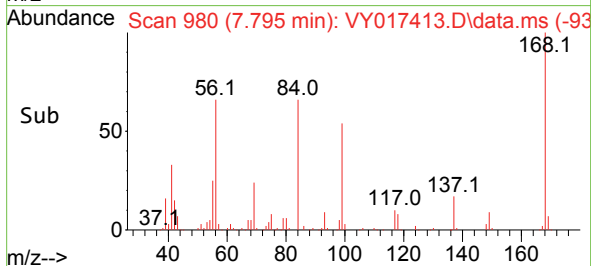


#31
Cyclohexane
Concen: 42.131 ug/l
RT: 7.795 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY021924

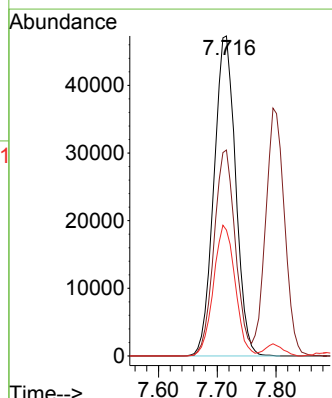
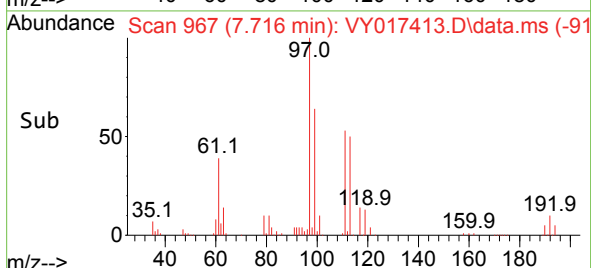
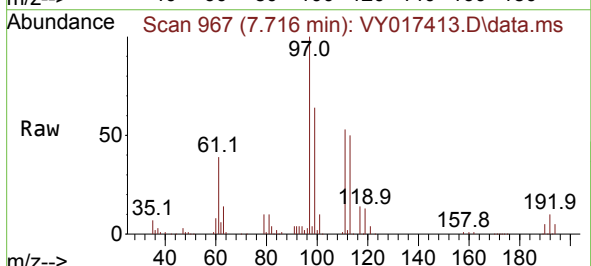


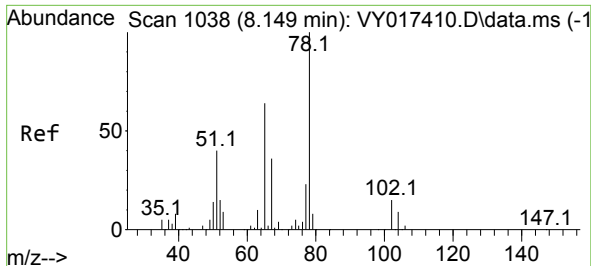
Tgt Ion: 56 Resp: 112845
Ion Ratio Lower Upper
56 100
69 36.2 28.7 43.1
84 100.6 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 44.011 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

Tgt Ion: 97 Resp: 121265
Ion Ratio Lower Upper
97 100
99 63.7 50.3 75.5
61 40.8 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 55.009 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY017413.D

Acq: 19 Feb 2024 19:21

Instrument :

MSVOA_Y

ClientSampleId :

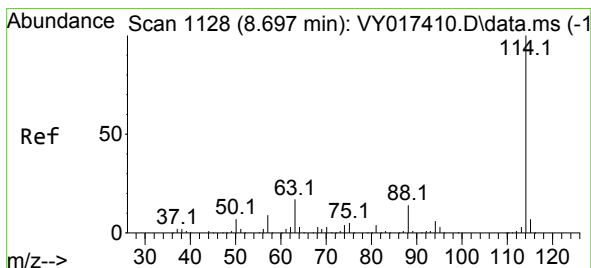
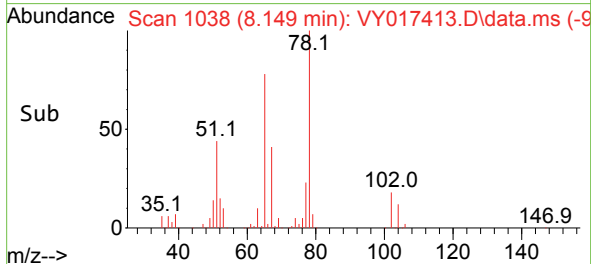
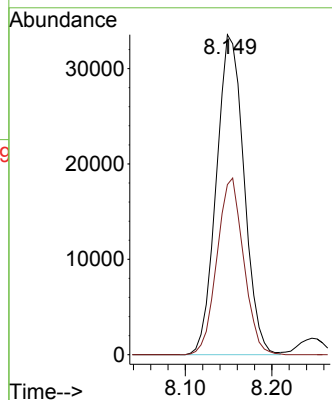
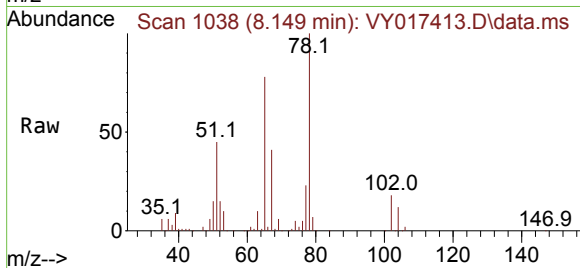
ICVVY021924

Tgt Ion: 65 Resp: 74427

Ion Ratio Lower Upper

65 100

67 53.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY017413.D

Acq: 19 Feb 2024 19:21

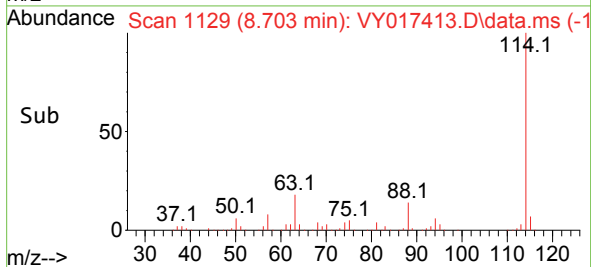
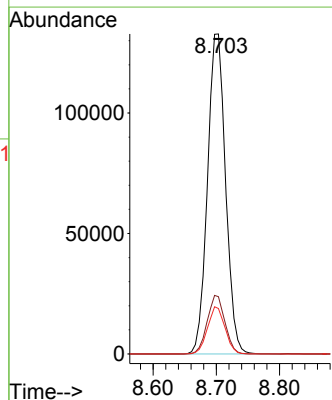
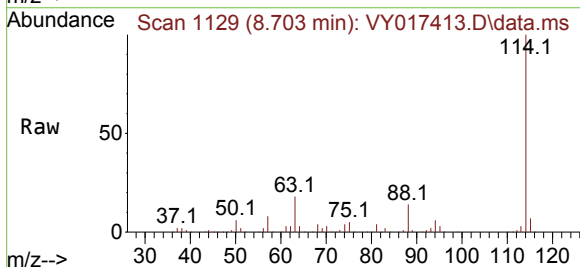
Tgt Ion: 114 Resp: 263985

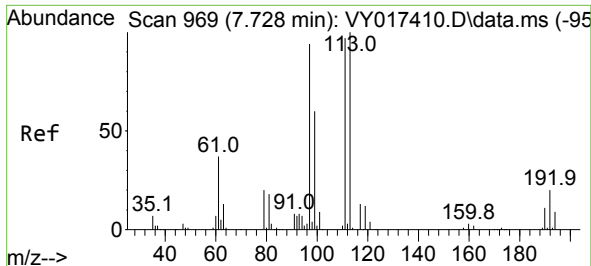
Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.0

88 14.2 0.0 27.2

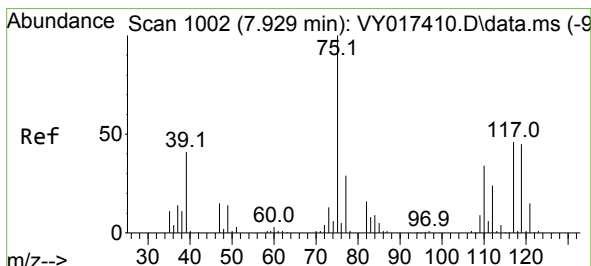
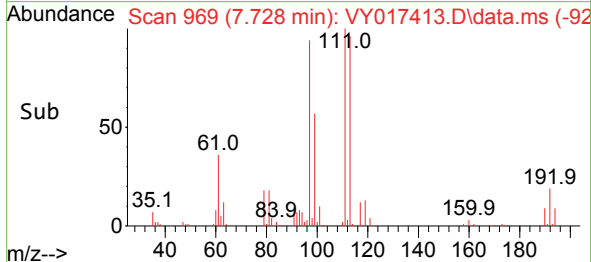
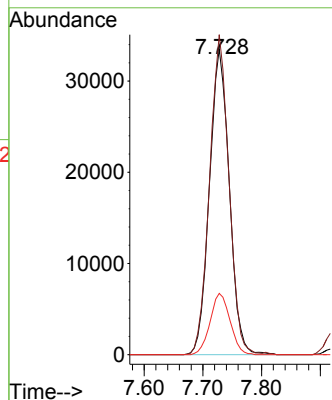
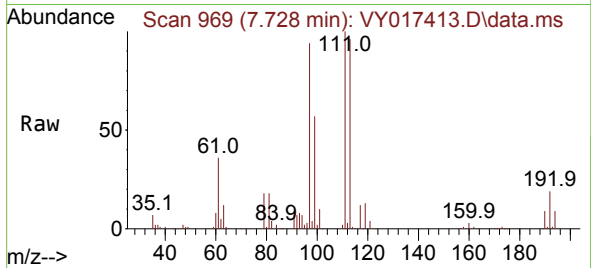




#35
Dibromofluoromethane
Concen: 50.905 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

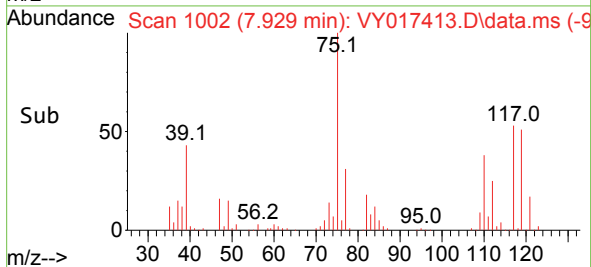
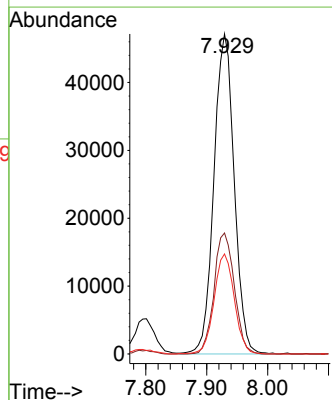
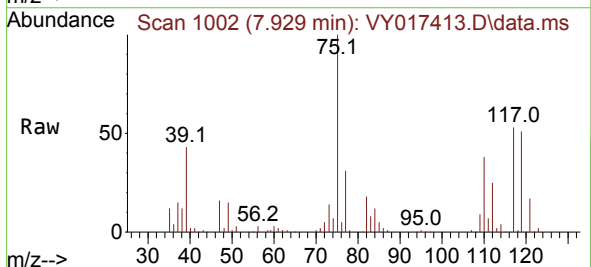
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY021924

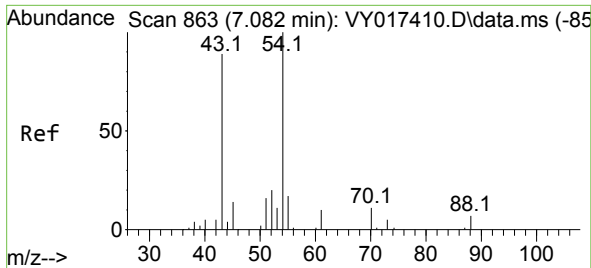
Tgt Ion:113 Resp: 78662
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 20.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 42.256 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

Tgt Ion: 75 Resp: 109054
Ion Ratio Lower Upper
75 100
110 37.7 19.0 57.0
77 31.3 25.3 37.9

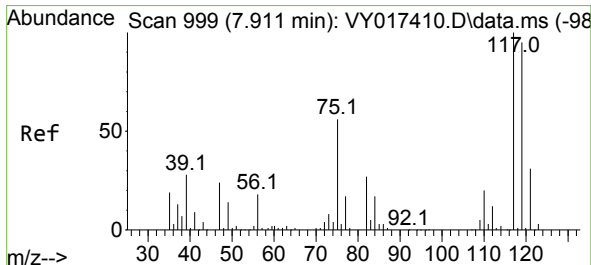
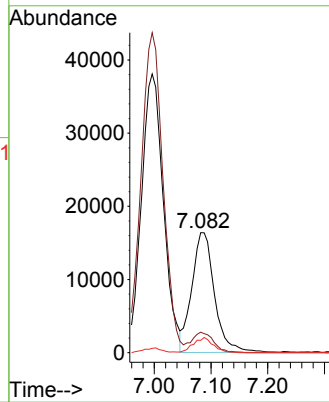
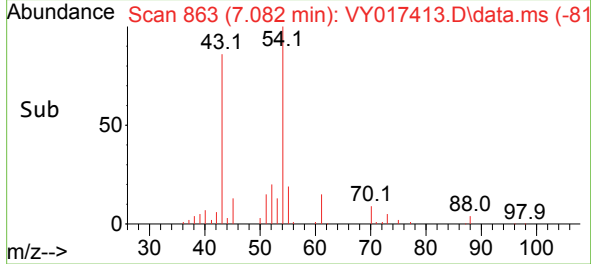
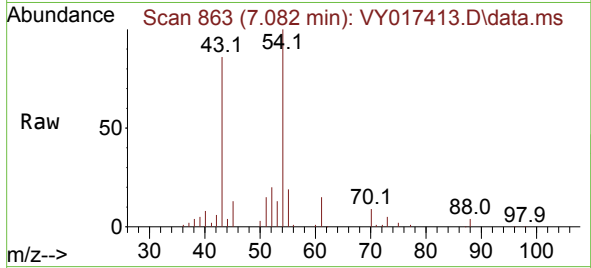




#37
Ethyl Acetate
Concen: 48.322 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

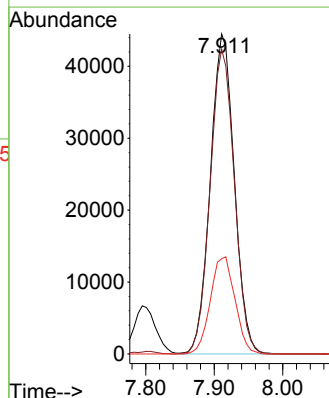
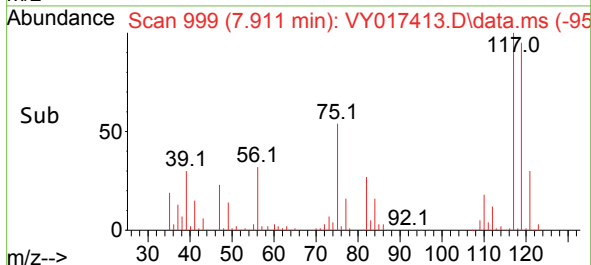
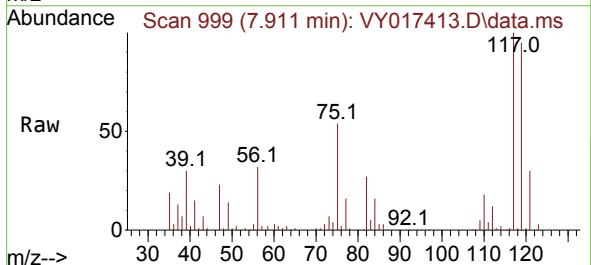
Instrument :
MSVOA_Y
ClientSampleId :
ICVY021924

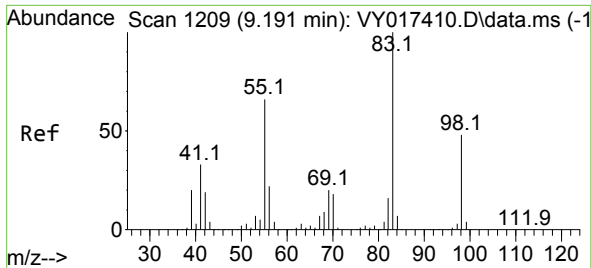
Tgt Ion:	43	Resp:	45410
Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.6	19.0
70	11.1	7.8	11.8



#38
Carbon Tetrachloride
Concen: 42.157 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

Tgt Ion:	117	Resp:	108324
Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.8	113.6
121	29.8	24.0	36.0

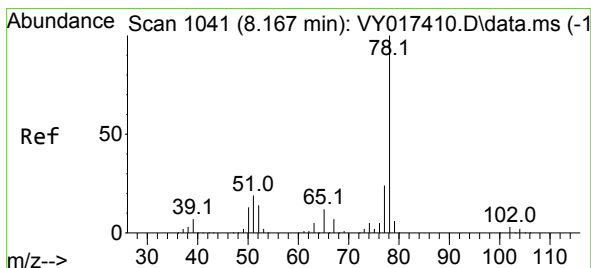
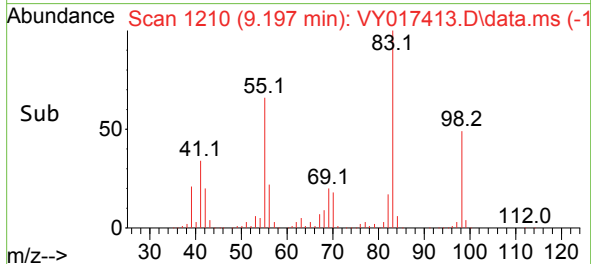
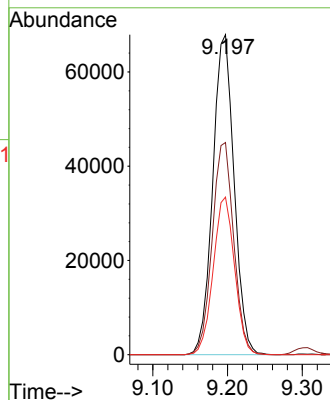
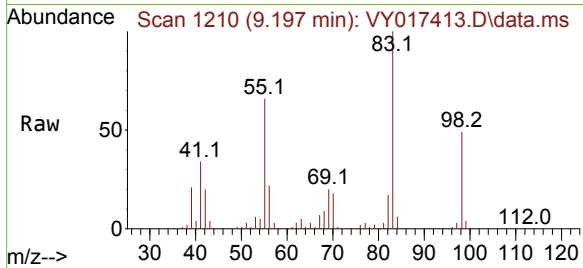




#39
Methylcyclohexane
Concen: 42.596 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

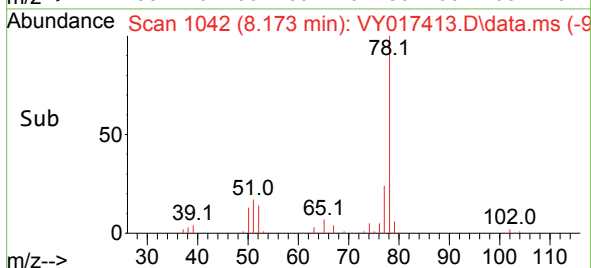
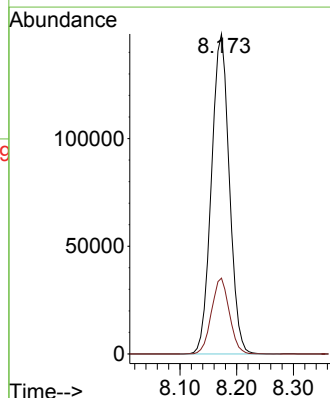
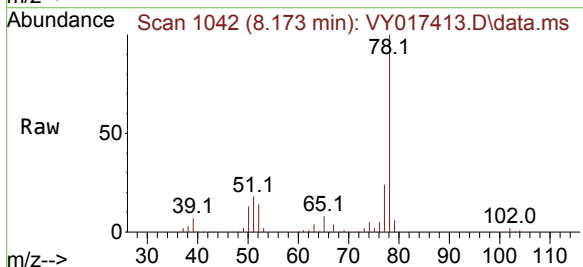
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY021924

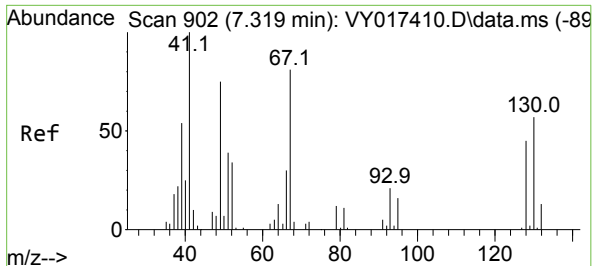
Tgt Ion: 83 Resp: 134565
Ion Ratio Lower Upper
83 100
55 66.3 51.5 77.3
98 49.2 40.5 60.7



#40
Benzene
Concen: 43.110 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

Tgt Ion: 78 Resp: 325063
Ion Ratio Lower Upper
78 100
77 23.7 19.5 29.3

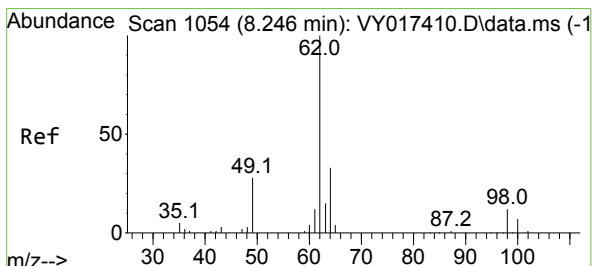
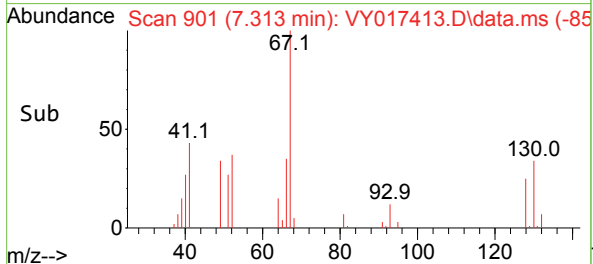
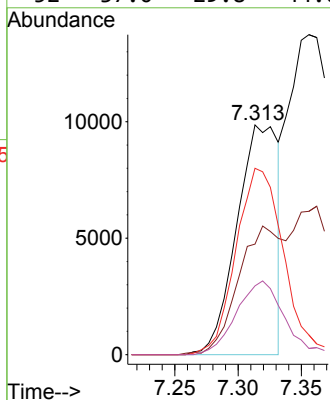
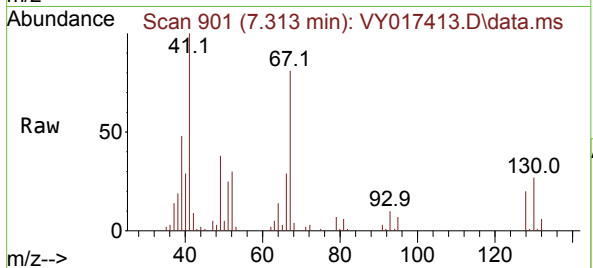




#41
Methacrylonitrile
Concen: 49.005 ug/l
RT: 7.313 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

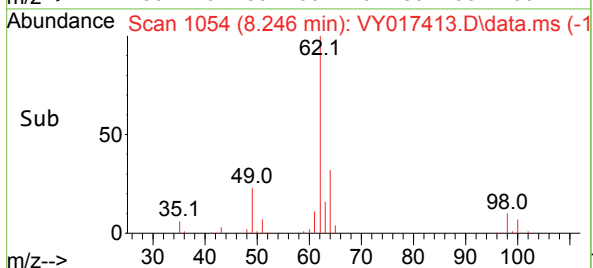
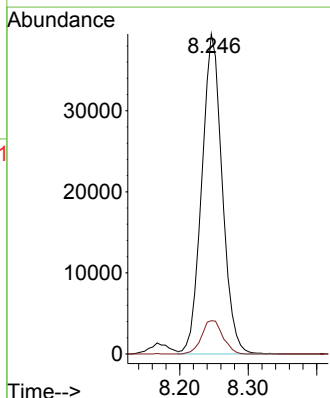
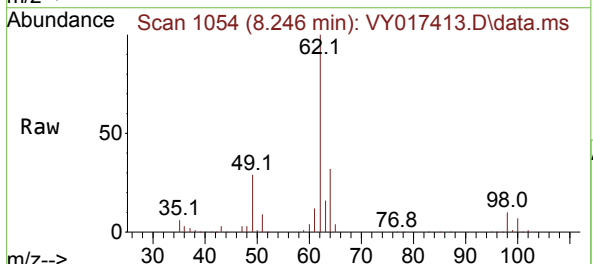
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY021924

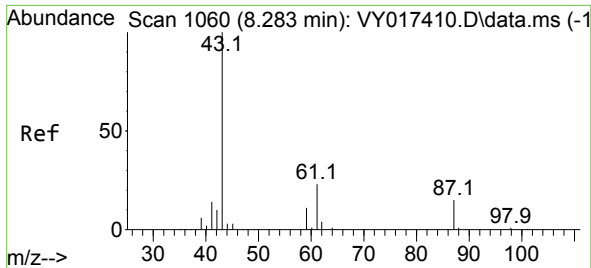
Tgt Ion:	41	Resp:	22490
Ion	Ratio	Lower	Upper
41	100		
39	62.2	48.0	72.0
67	93.2	75.1	112.7
52	37.0	29.8	44.6



#42
1,2-Dichloroethane
Concen: 44.808 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

Tgt Ion:	62	Resp:	82013
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.0

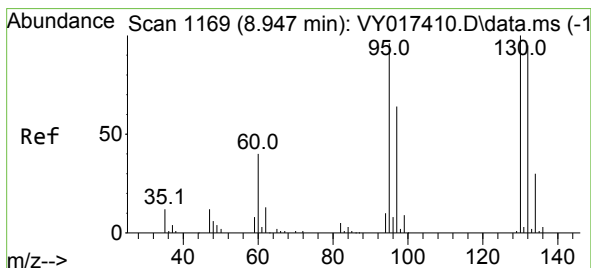
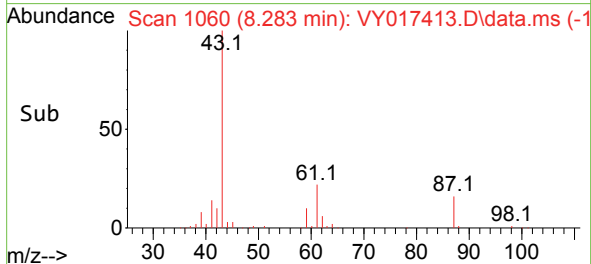
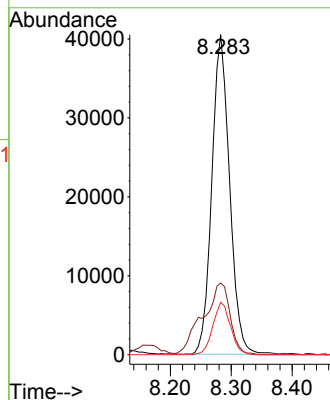
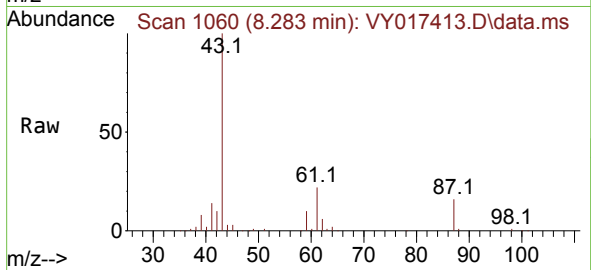




#43
Isopropyl Acetate
Concen: 48.250 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

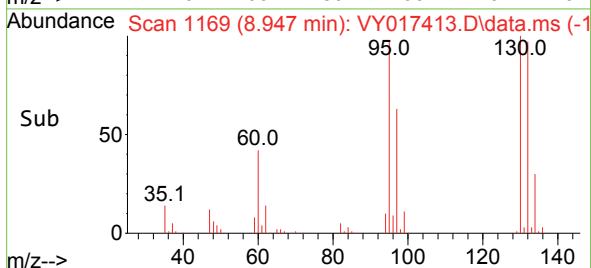
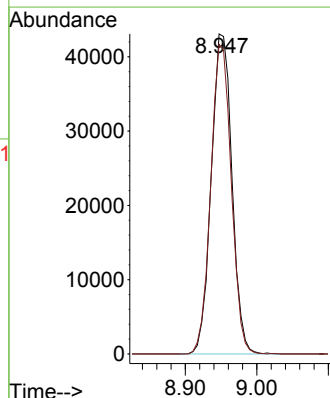
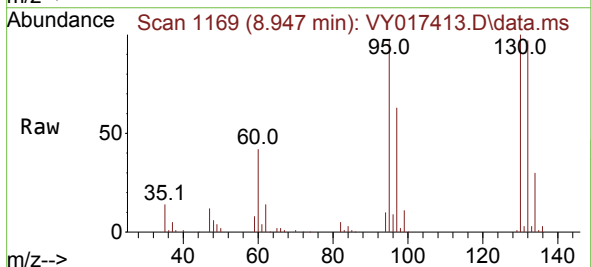
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY021924

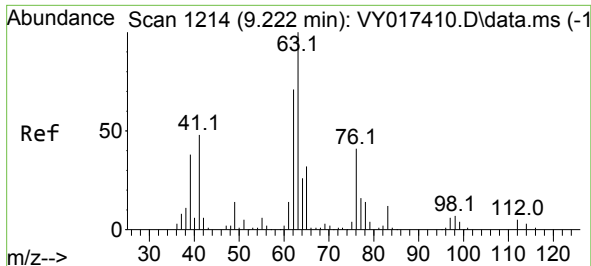
Tgt Ion: 43 Resp: 81939
Ion Ratio Lower Upper
43 100
61 34.4 27.9 41.9
87 16.2 13.1 19.7



#44
Trichloroethene
Concen: 42.310 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

Tgt Ion:130 Resp: 86476
Ion Ratio Lower Upper
130 100
95 96.7 0.0 188.0

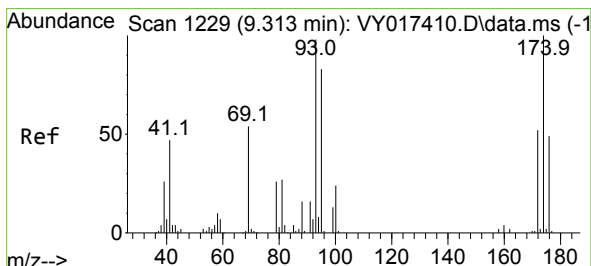
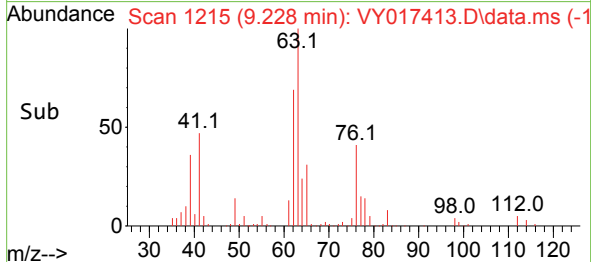
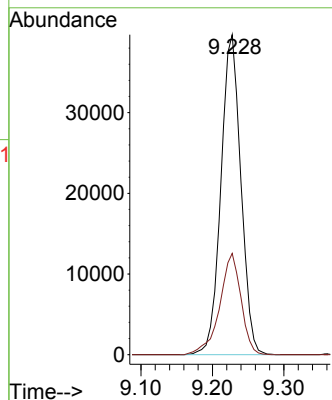
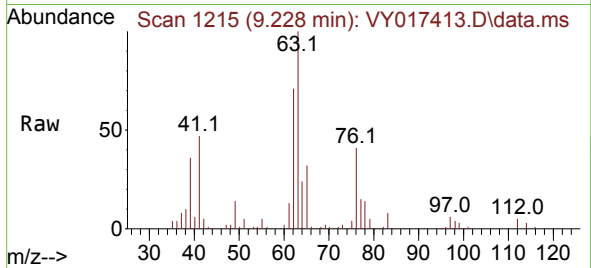




#45
1,2-Dichloropropane
Concen: 44.056 ug/l
RT: 9.228 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

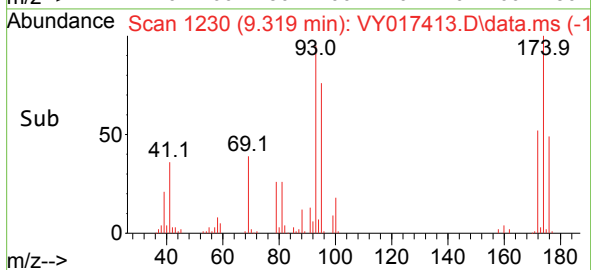
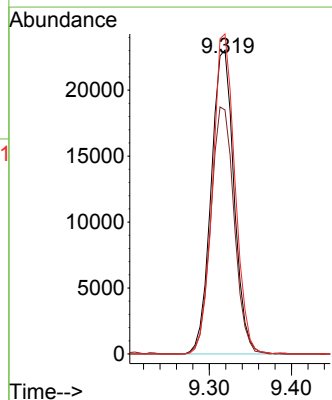
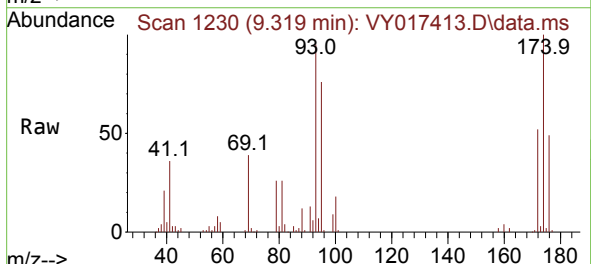
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY021924

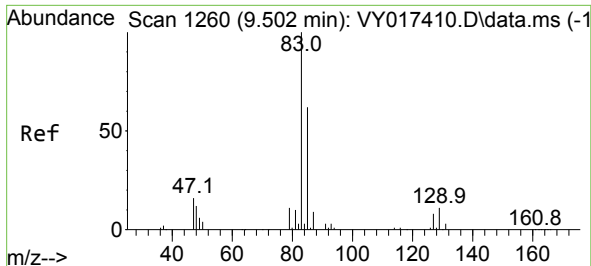
Tgt Ion: 63 Resp: 76790
Ion Ratio Lower Upper
63 100
65 31.6 25.4 38.2



#46
Dibromomethane
Concen: 44.978 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

Tgt Ion: 93 Resp: 44560
Ion Ratio Lower Upper
93 100
95 82.7 66.2 99.4
174 102.7 80.9 121.3

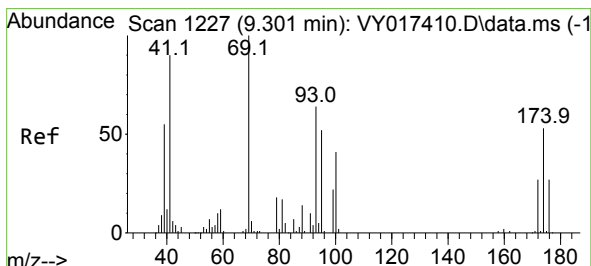
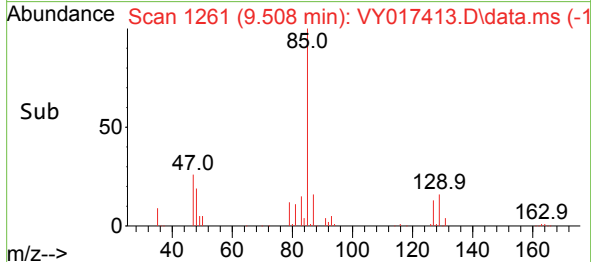
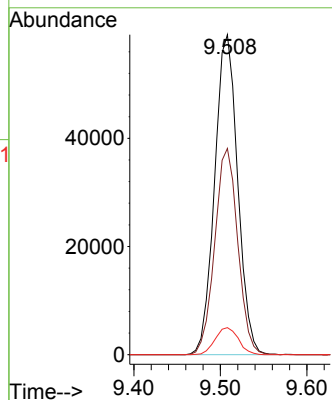
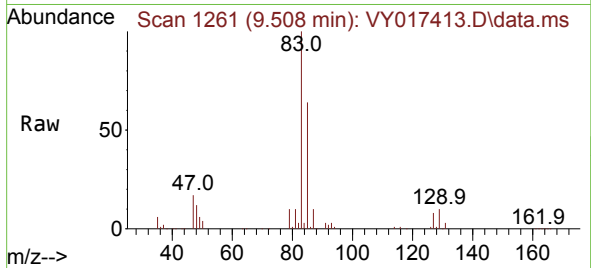




#47
Bromodichloromethane
Concen: 44.825 ug/l
RT: 9.508 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

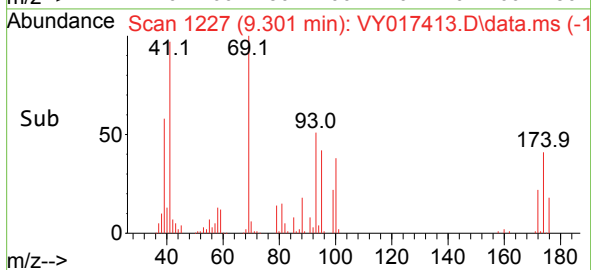
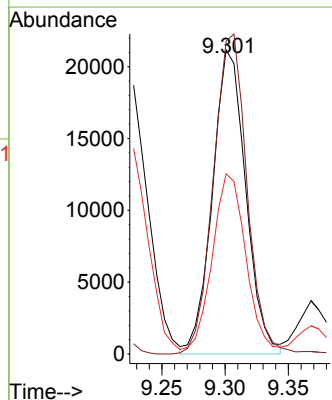
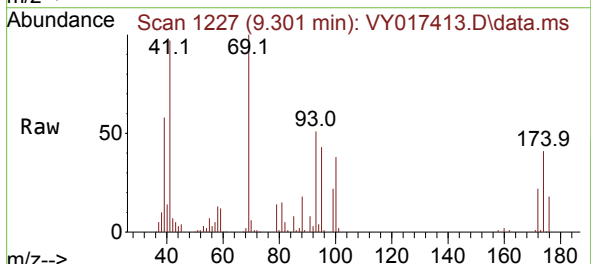
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY021924

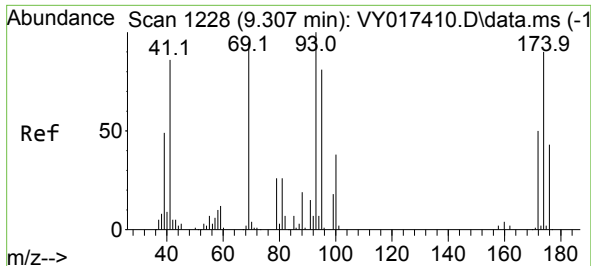
Tgt Ion: 83 Resp: 109187
Ion Ratio Lower Upper
83 100
85 64.5 50.1 75.1
127 8.4 7.4 11.0



#48
Methyl methacrylate
Concen: 48.690 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

Tgt Ion: 41 Resp: 38795
Ion Ratio Lower Upper
41 100
69 106.3 84.1 126.1
39 57.1 43.6 65.4





#49

1,4-Dioxane

Concen: 987.470 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY017413.D

Acq: 19 Feb 2024 19:21

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY021924

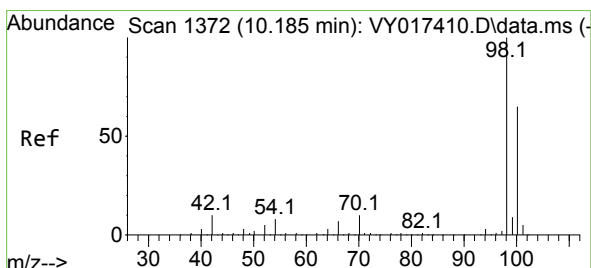
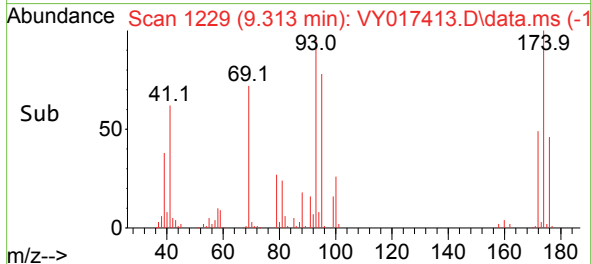
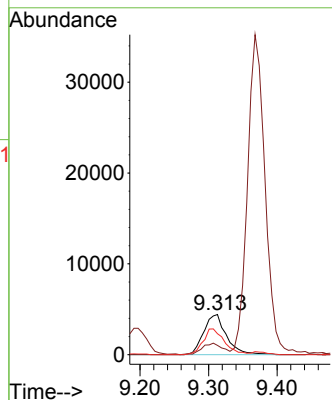
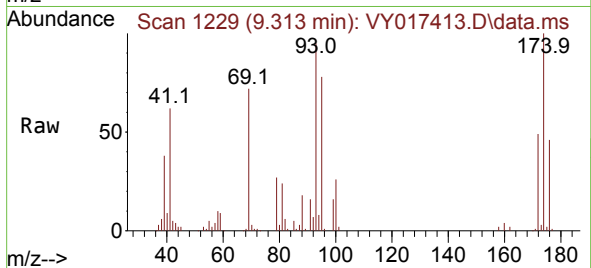
Tgt Ion: 88 Resp: 10232

Ion Ratio Lower Upper

88 100

43 26.1 0.0 0.0#

58 60.0 49.3 73.9



#50

Toluene-d8

Concen: 50.937 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017413.D

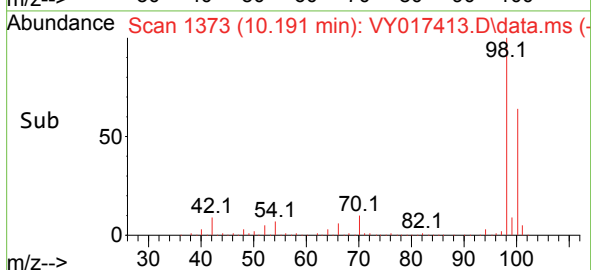
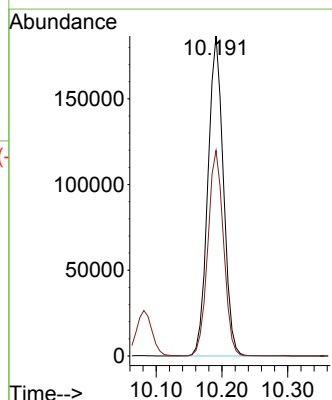
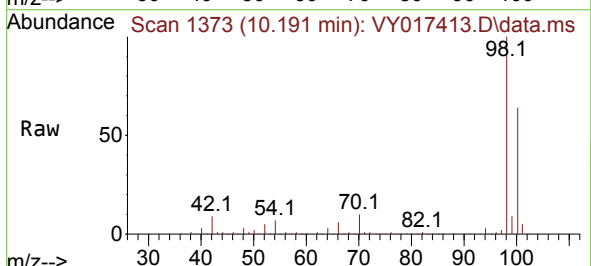
Acq: 19 Feb 2024 19:21

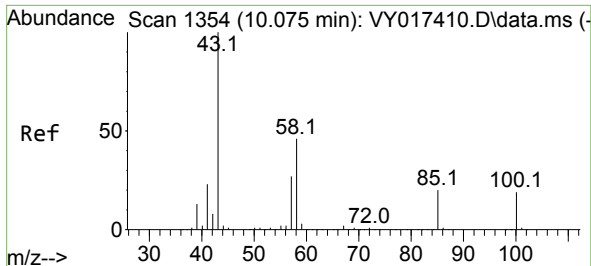
Tgt Ion: 98 Resp: 305270

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

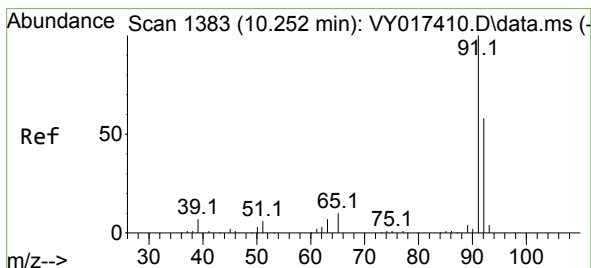
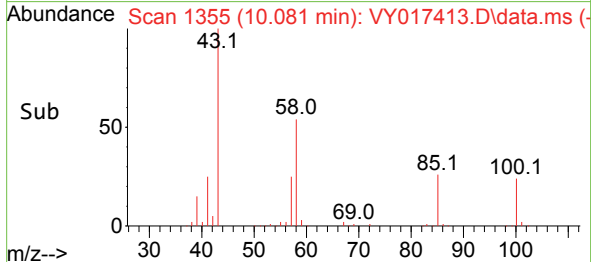
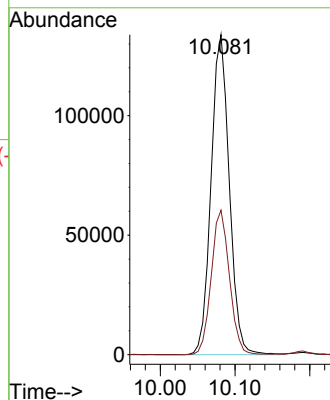
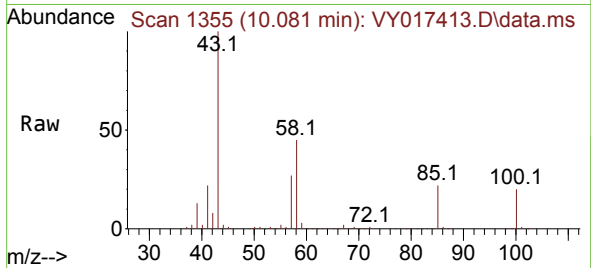




#51
4-Methyl-2-Pentanone
Concen: 247.594 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

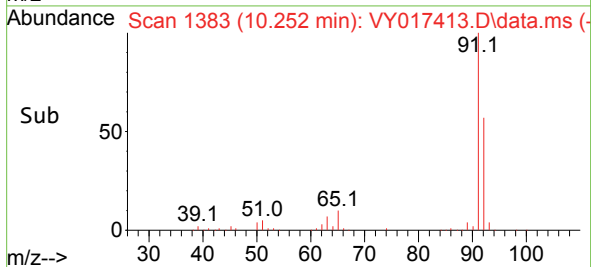
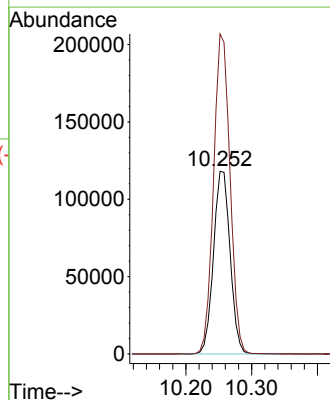
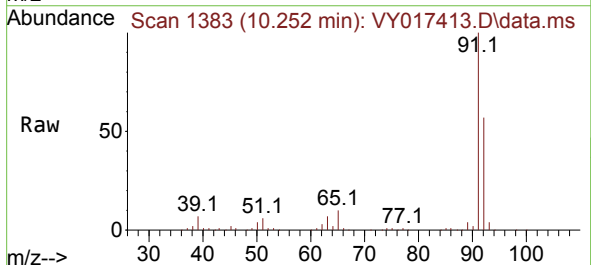
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY021924

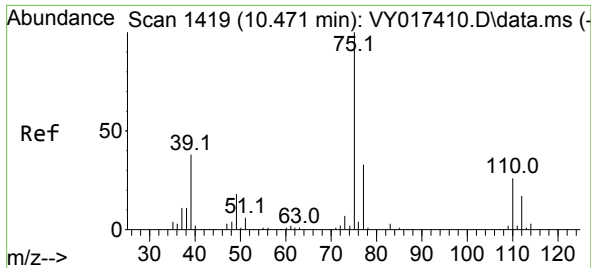
Tgt Ion: 43 Resp: 226560
Ion Ratio Lower Upper
43 100
58 45.1 35.7 53.5



#52
Toluene
Concen: 44.078 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

Tgt Ion: 92 Resp: 207493
Ion Ratio Lower Upper
92 100
91 173.8 139.0 208.6

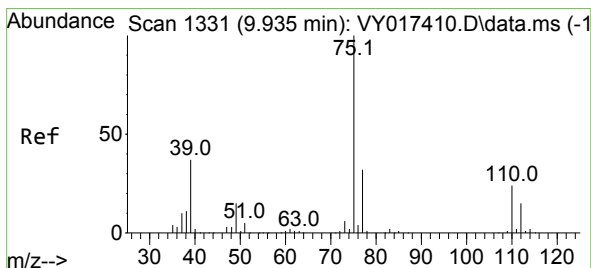
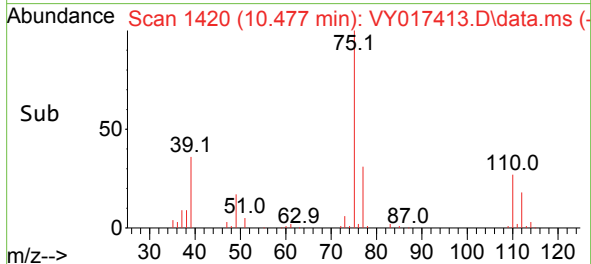
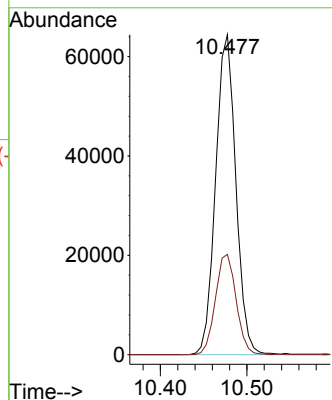
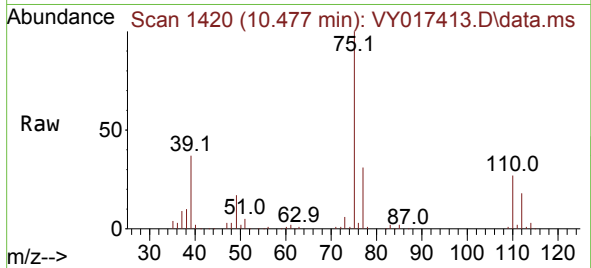




#53
 t-1,3-Dichloropropene
 Concen: 46.274 ug/l
 RT: 10.477 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY017413.D
 Acq: 19 Feb 2024 19:21

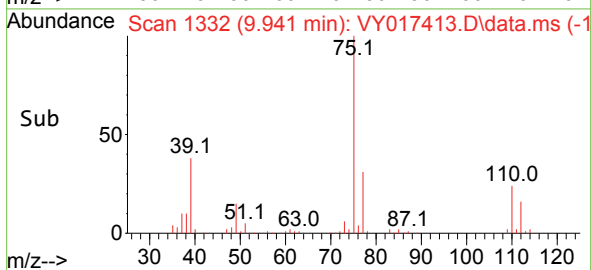
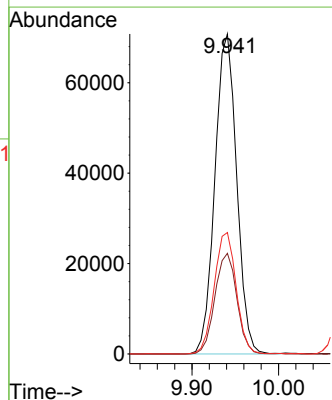
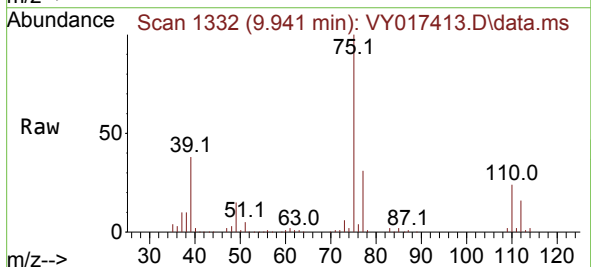
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY021924

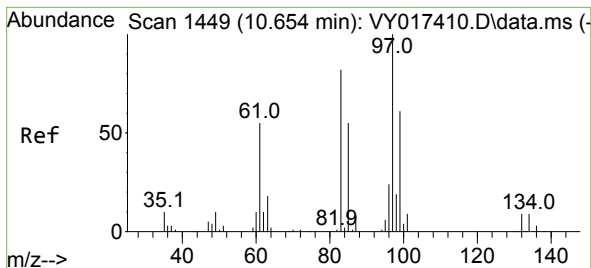
Tgt Ion: 75 Resp: 104369
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 44.672 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.006 min
 Lab File: VY017413.D
 Acq: 19 Feb 2024 19:21

Tgt Ion: 75 Resp: 123615
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0
 39 37.9 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 46.138 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.000 min

Lab File: VY017413.D

Acq: 19 Feb 2024 19:21

Instrument :

MSVOA_Y

ClientSampleId :

ICVY021924

Tgt Ion: 97 Resp: 62892

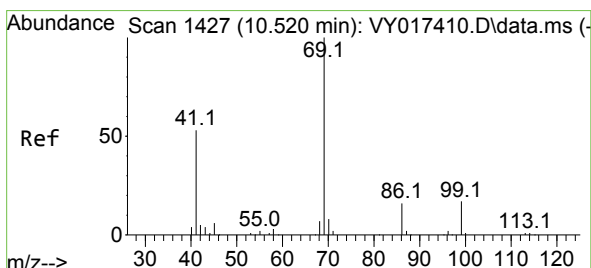
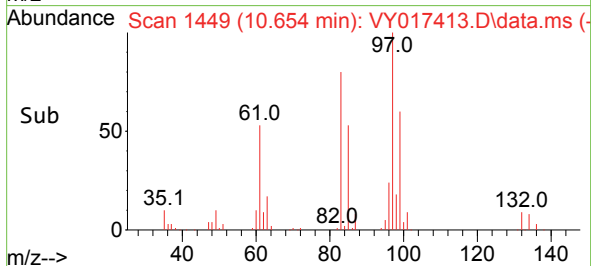
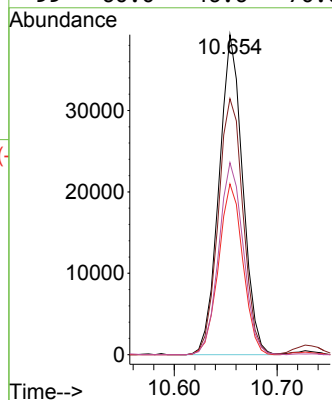
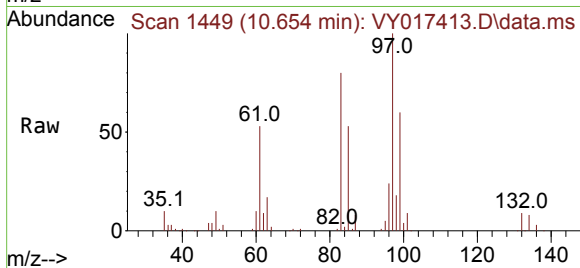
Ion Ratio Lower Upper

97 100

83 80.0 67.5 101.3

85 53.4 42.9 64.3

99 60.0 46.6 70.0



#56

Ethyl methacrylate

Concen: 44.828 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY017413.D

Acq: 19 Feb 2024 19:21

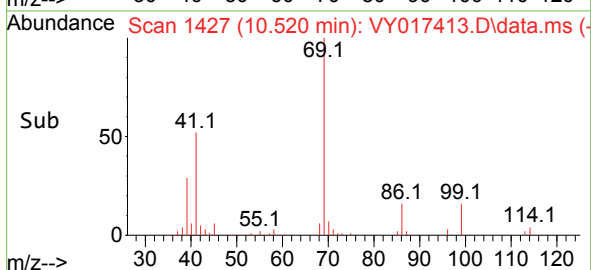
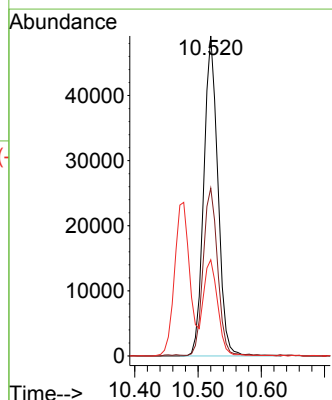
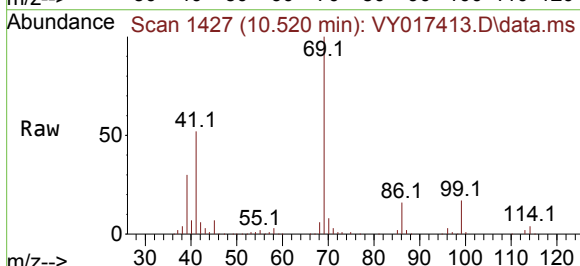
Tgt Ion: 69 Resp: 76390

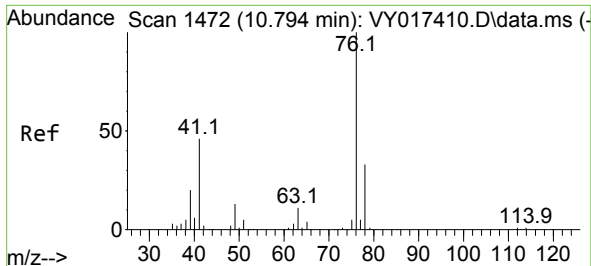
Ion Ratio Lower Upper

69 100

41 53.2 42.3 63.5

39 29.7 22.9 34.3





#57

1,3-Dichloropropane

Concen: 45.926 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. 0.006 min

Lab File: VY017413.D

Acq: 19 Feb 2024 19:21

Instrument :

MSVOA_Y

ClientSampleId :

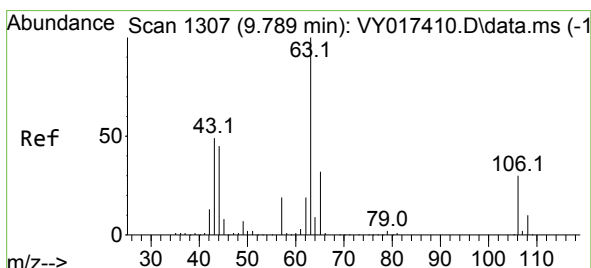
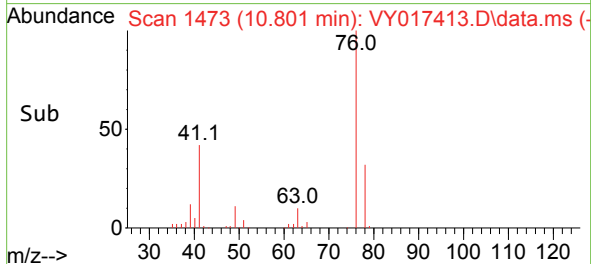
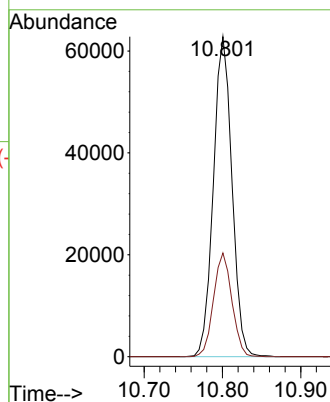
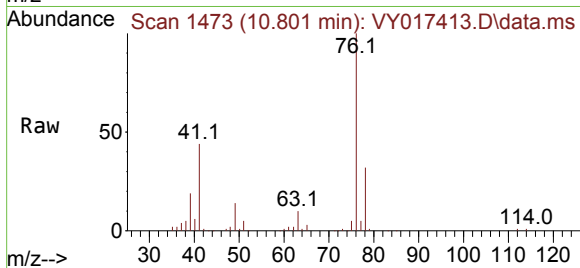
ICVVY021924

Tgt Ion: 76 Resp: 103580

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 259.406 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VY017413.D

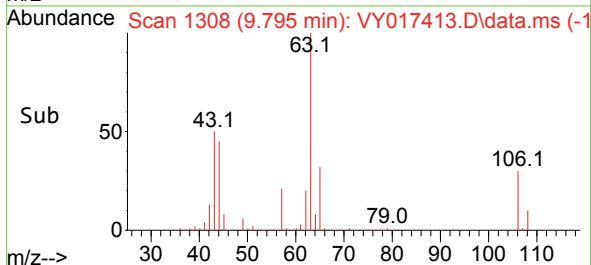
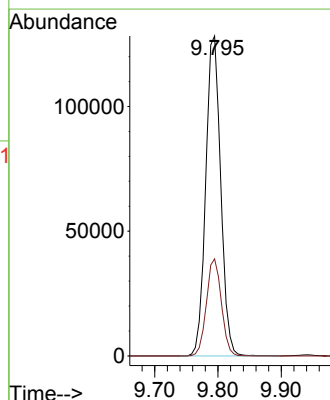
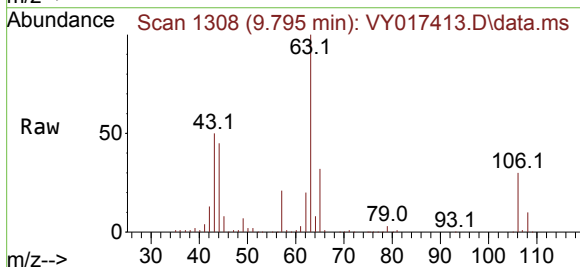
Acq: 19 Feb 2024 19:21

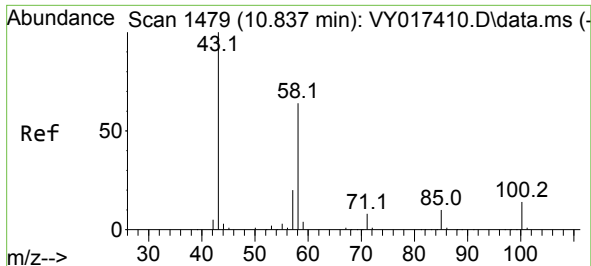
Tgt Ion: 63 Resp: 211278

Ion Ratio Lower Upper

63 100

106 30.3 23.7 35.5

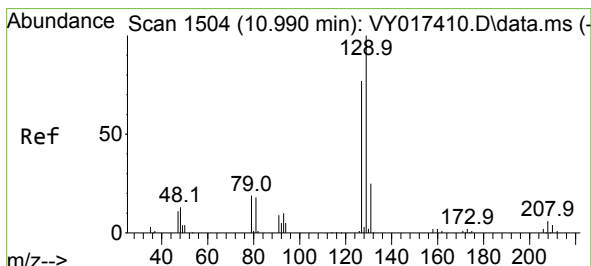
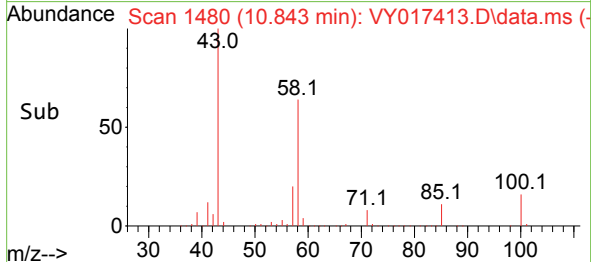
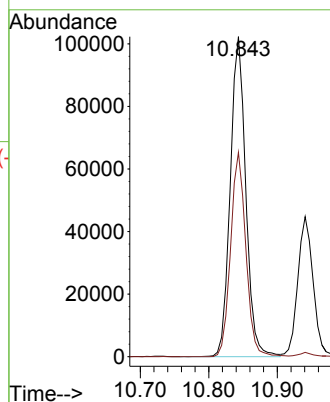
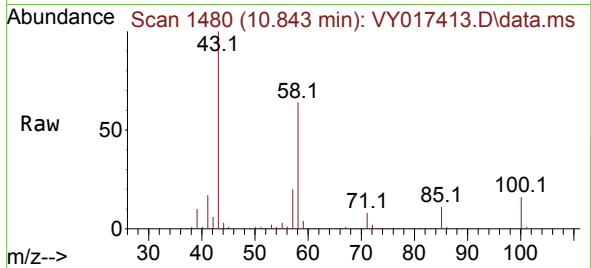




#59
2-Hexanone
Concen: 254.526 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

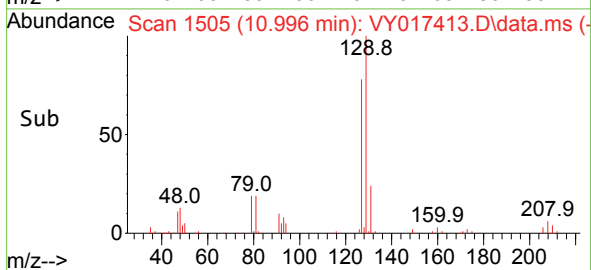
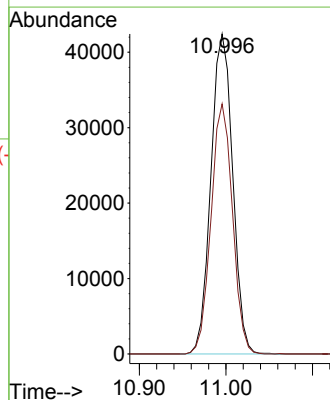
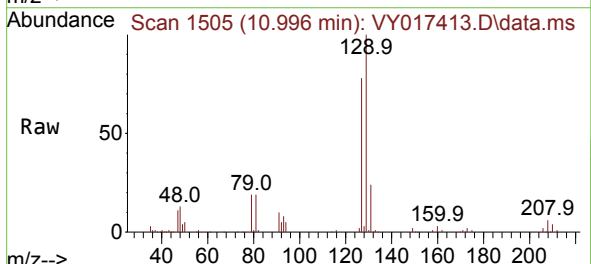
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY021924

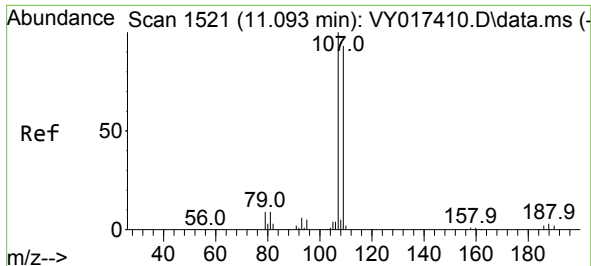
Tgt Ion: 43 Resp: 160421
Ion Ratio Lower Upper
43 100
58 62.7 31.4 94.0



#60
Dibromochloromethane
Concen: 45.721 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

Tgt Ion: 129 Resp: 74085
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0

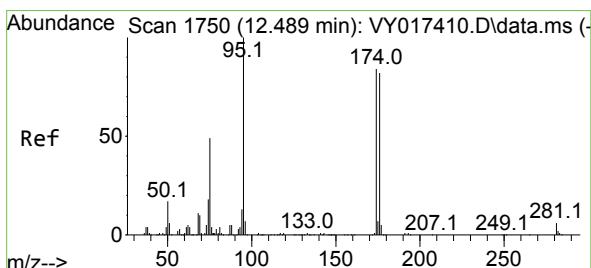
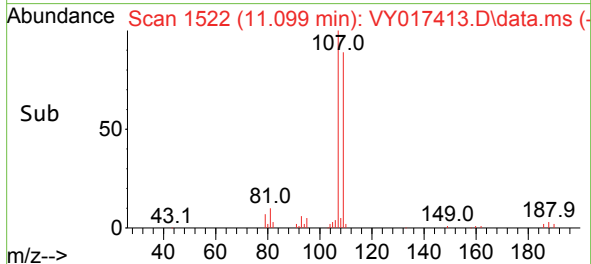
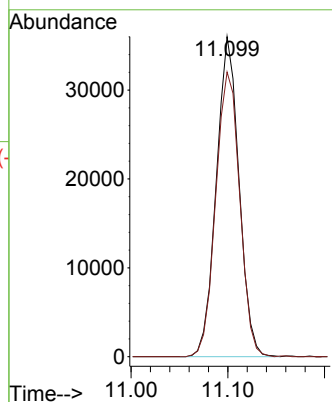
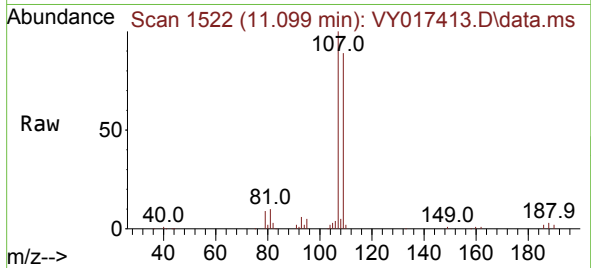




#61
1,2-Dibromoethane
Concen: 45.995 ug/l
RT: 11.099 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

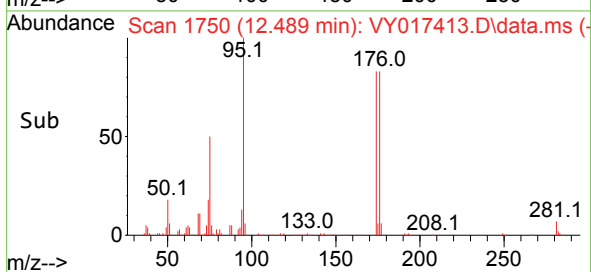
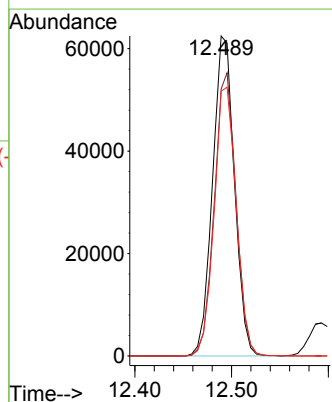
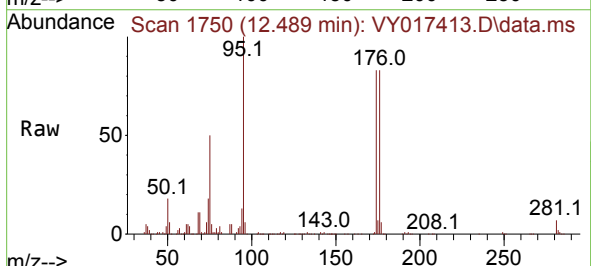
Instrument :
MSVOA_Y
ClientSampleId :
ICVY021924

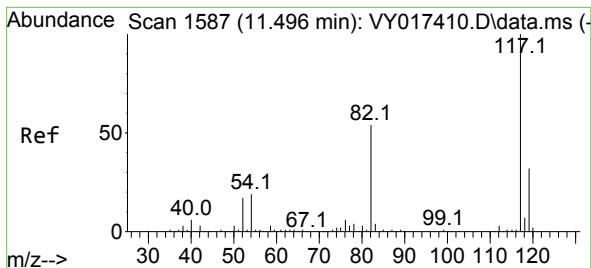
Tgt Ion:107 Resp: 58657
Ion Ratio Lower Upper
107 100
109 93.9 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 48.971 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

Tgt Ion: 95 Resp: 97809
Ion Ratio Lower Upper
95 100
174 87.8 0.0 175.6
176 85.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017413.D

Acq: 19 Feb 2024 19:21

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY021924

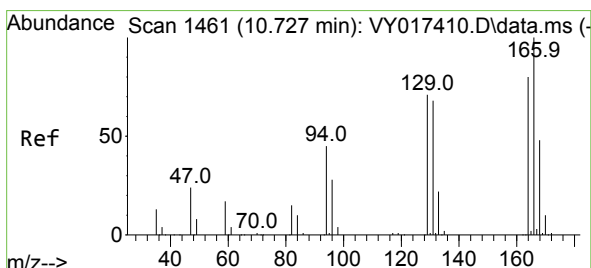
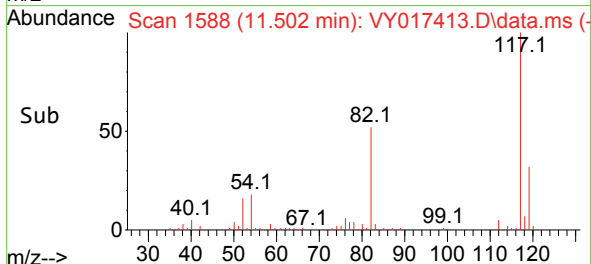
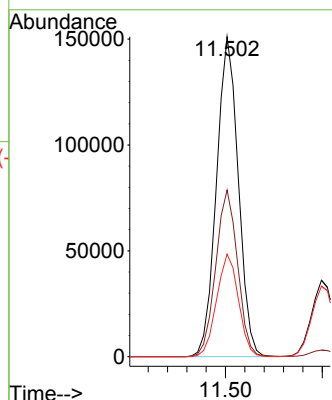
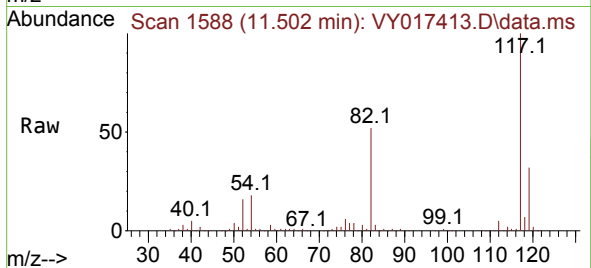
Tgt Ion:117 Resp: 236580

Ion Ratio Lower Upper

117 100

82 52.1 42.4 63.6

119 32.0 25.9 38.9



#64

Tetrachloroethene

Concen: 42.017 ug/l

RT: 10.733 min Scan# 1462

Delta R.T. 0.006 min

Lab File: VY017413.D

Acq: 19 Feb 2024 19:21

Tgt Ion:164 Resp: 79553

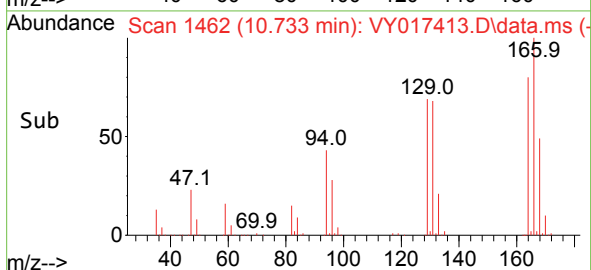
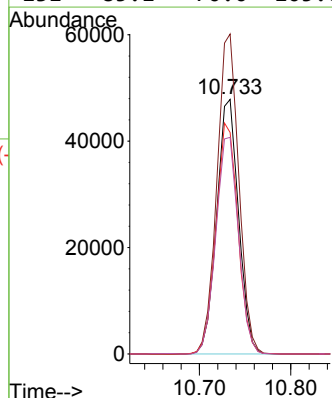
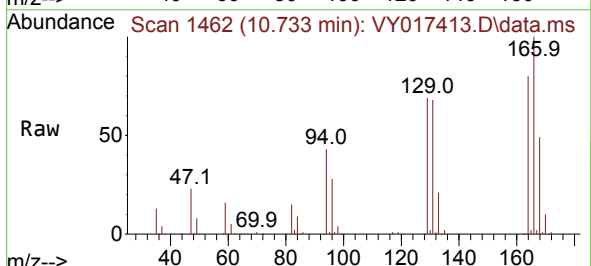
Ion Ratio Lower Upper

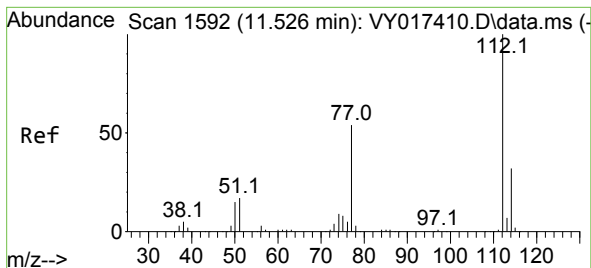
164 100

166 125.7 102.6 154.0

129 87.0 72.0 108.0

131 85.1 70.0 105.0

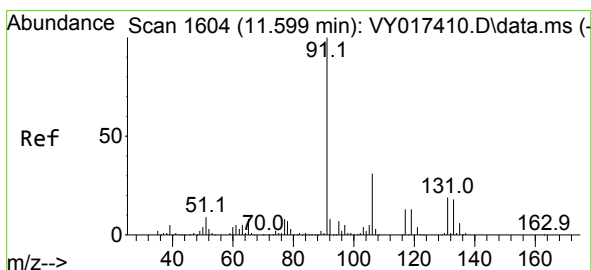
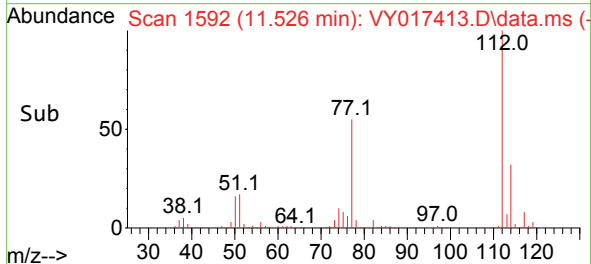
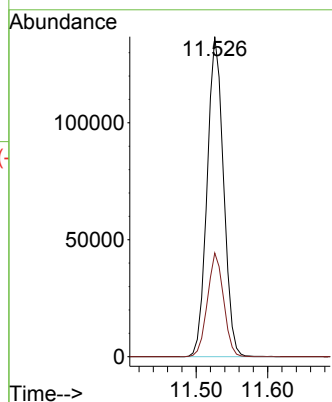
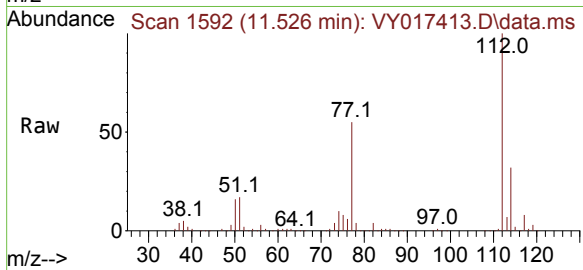




#65
Chlorobenzene
Concen: 42.720 ug/l
RT: 11.526 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

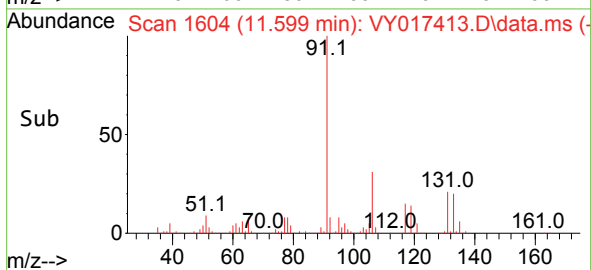
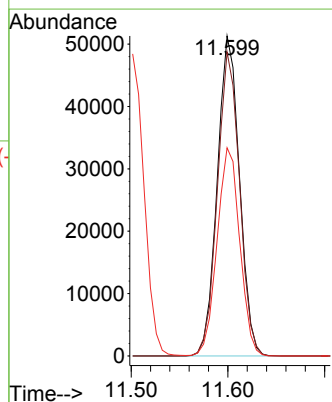
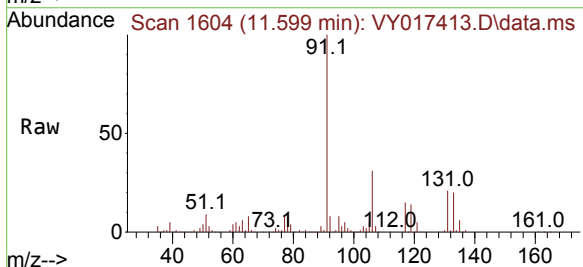
Instrument :
MSVOA_Y
ClientSampleId :
ICVY021924

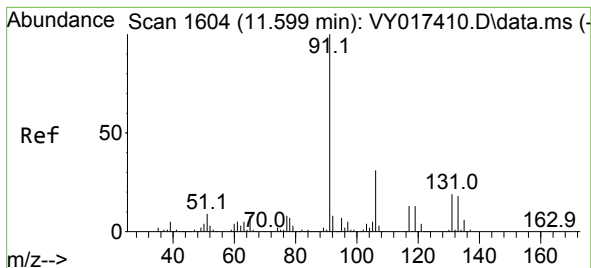
Tgt Ion:112 Resp: 217726
Ion Ratio Lower Upper
112 100
114 32.4 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 43.122 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

Tgt Ion:131 Resp: 81842
Ion Ratio Lower Upper
131 100
133 94.5 47.8 143.3
119 66.3 34.1 102.2





#67

Ethyl Benzene

Concen: 43.452 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017413.D

Acq: 19 Feb 2024 19:21

Instrument :

MSVOA_Y

ClientSampleId :

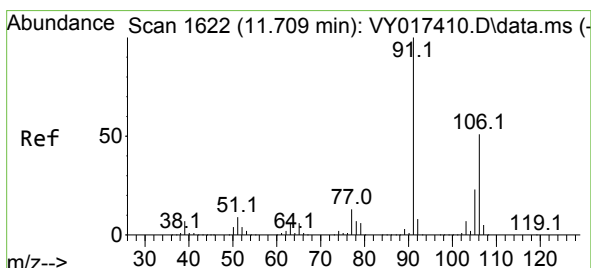
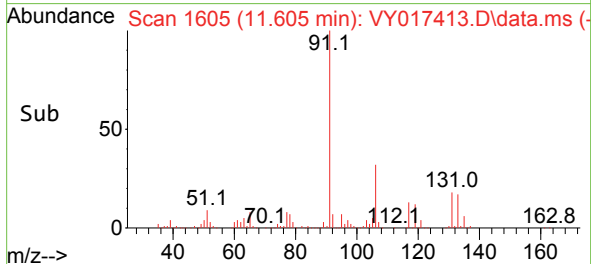
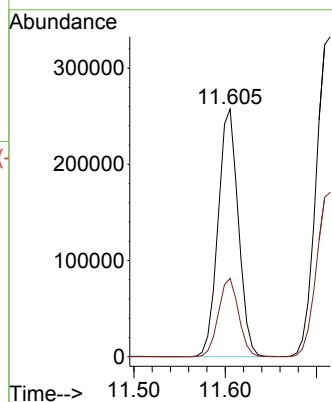
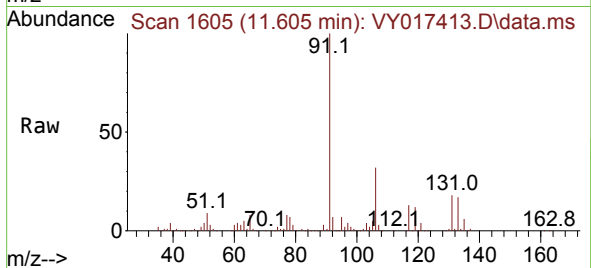
ICVVY021924

Tgt Ion: 91 Resp: 396078

Ion Ratio Lower Upper

91 100

106 31.6 24.5 36.7



#68

m/p-Xylenes

Concen: 86.983 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY017413.D

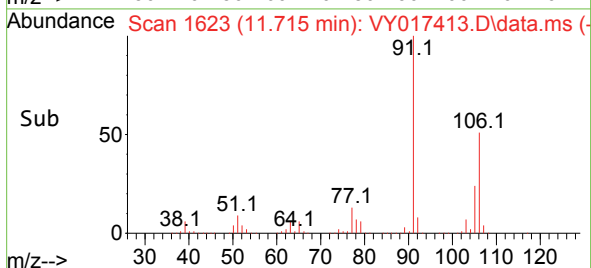
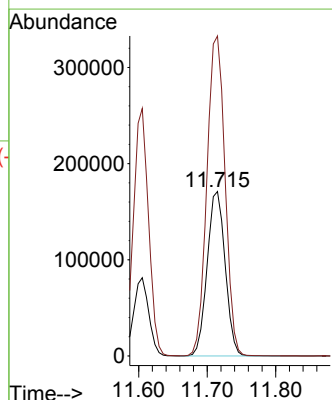
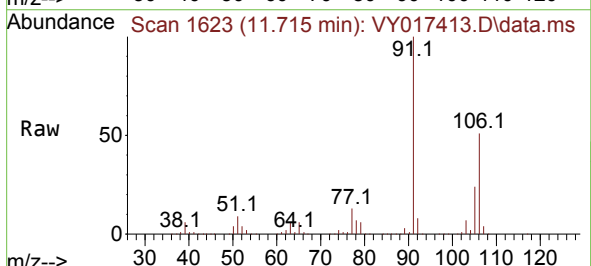
Acq: 19 Feb 2024 19:21

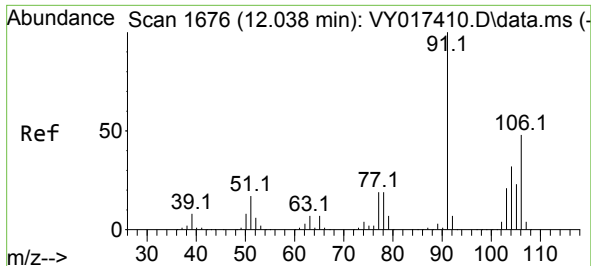
Tgt Ion:106 Resp: 311691

Ion Ratio Lower Upper

106 100

91 196.3 156.0 234.0

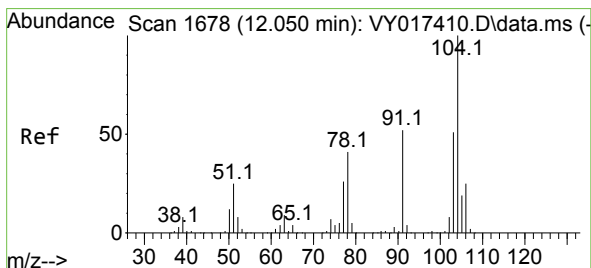
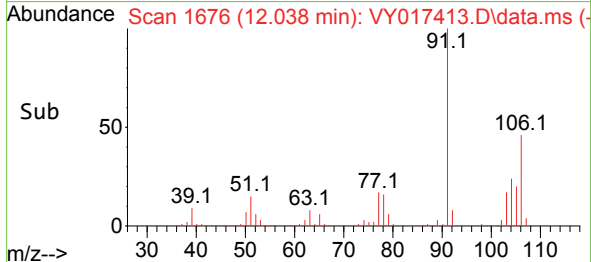
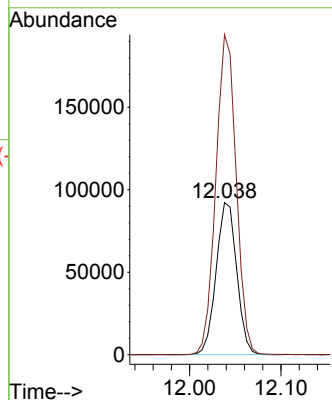
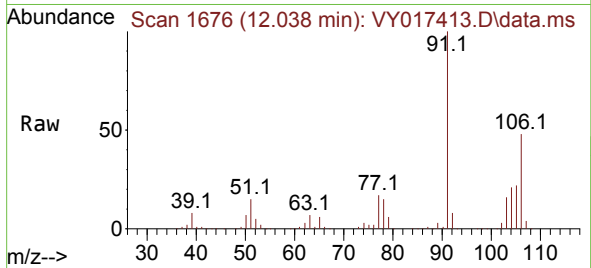




#69
o-Xylene
Concen: 43.937 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

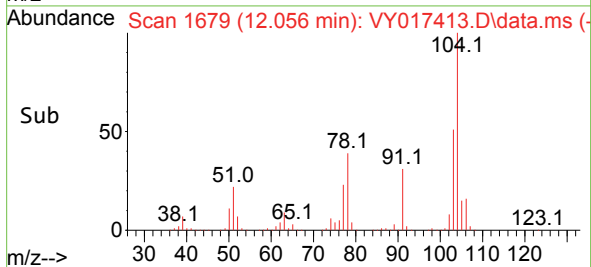
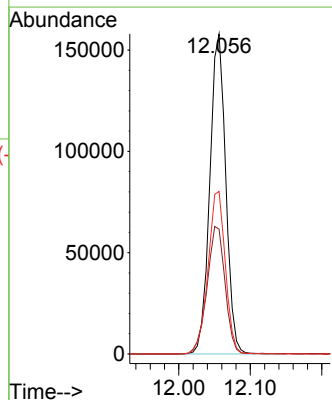
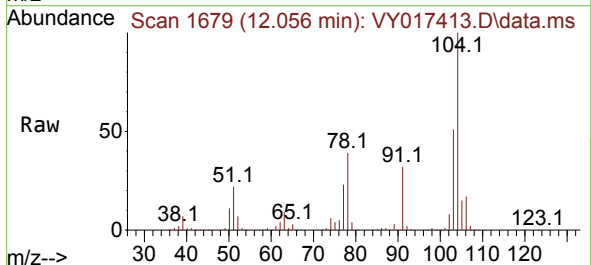
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY021924

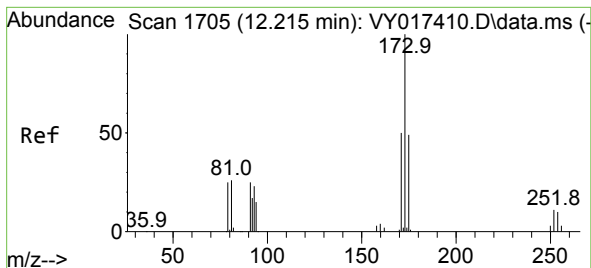
Tgt Ion:106 Resp: 144437
Ion Ratio Lower Upper
106 100
91 208.5 103.6 310.8



#70
Styrene
Concen: 45.386 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

Tgt Ion:104 Resp: 245049
Ion Ratio Lower Upper
104 100
78 45.1 37.0 55.4
103 55.1 44.2 66.2





#71

Bromoform

Concen: 46.332 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017413.D

Acq: 19 Feb 2024 19:21

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY021924

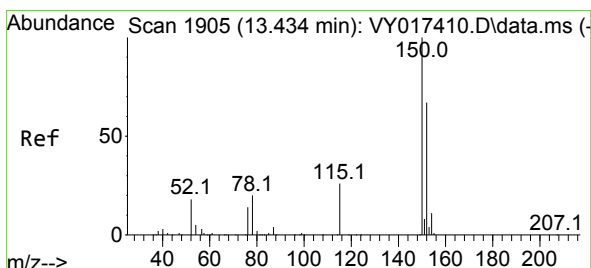
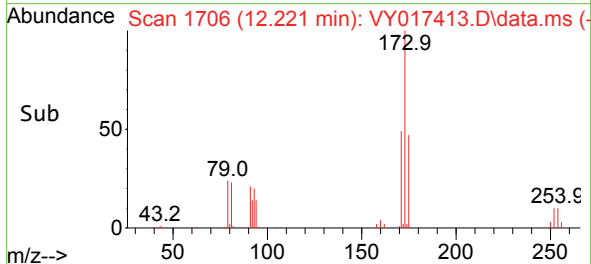
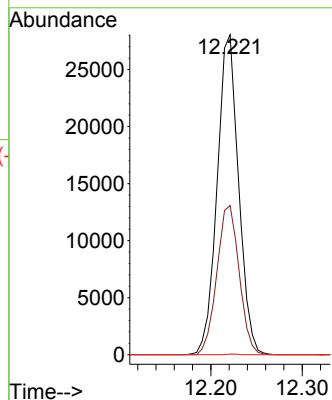
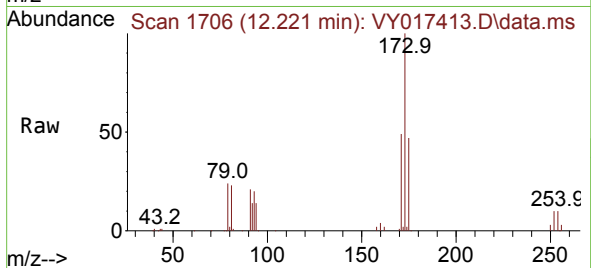
Tgt Ion:173 Resp: 45752

Ion Ratio Lower Upper

173 100

175 48.4 25.1 75.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017413.D

Acq: 19 Feb 2024 19:21

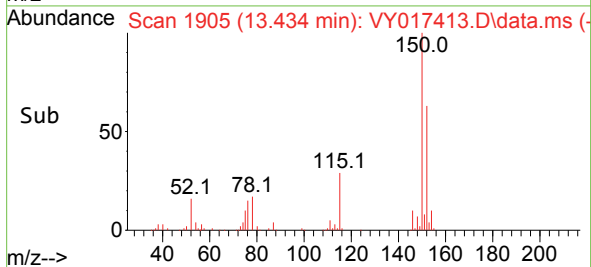
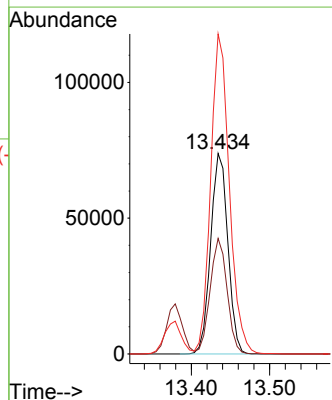
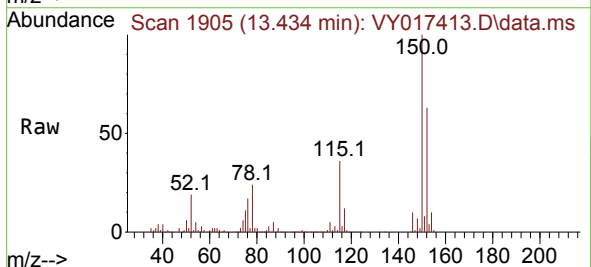
Tgt Ion:152 Resp: 112537

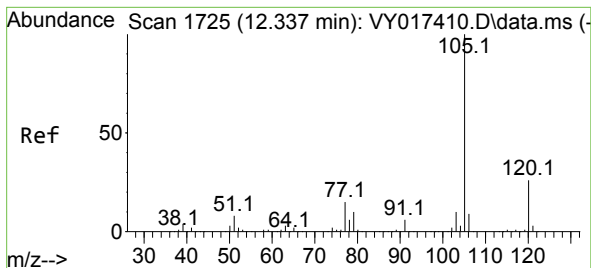
Ion Ratio Lower Upper

152 100

115 56.9 28.2 84.7

150 172.9 0.0 345.6





#73

Isopropylbenzene

Concen: 43.252 ug/l

RT: 12.343 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017413.D

Acq: 19 Feb 2024 19:21

Instrument :

MSVOA_Y

ClientSampleId :

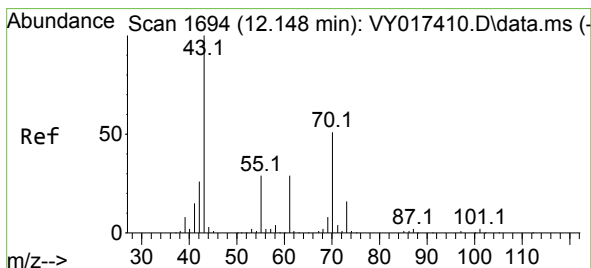
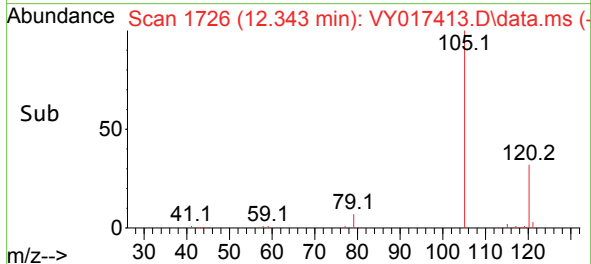
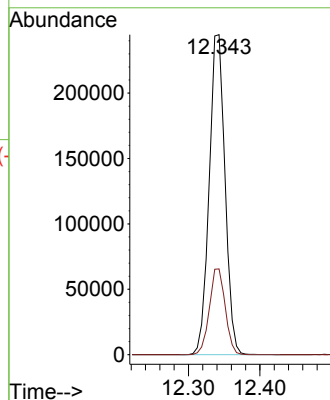
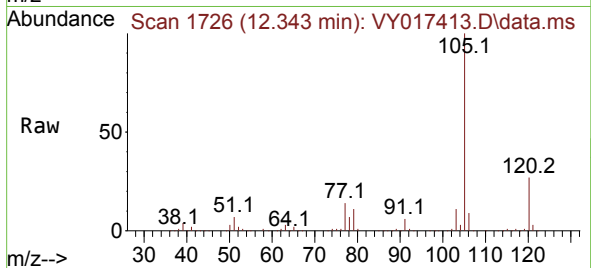
ICVVY021924

Tgt Ion:105 Resp: 375979

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.1



#74

N-ethyl acetate

Concen: 48.527 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.006 min

Lab File: VY017413.D

Acq: 19 Feb 2024 19:21

Tgt Ion: 43 Resp: 73450

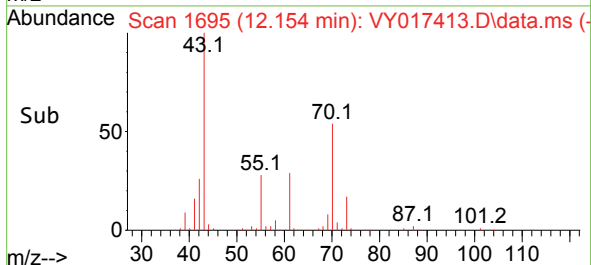
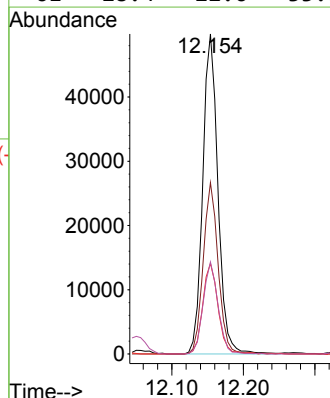
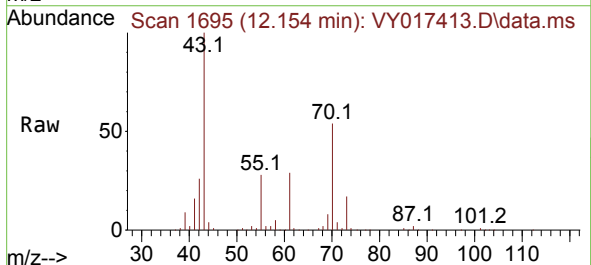
Ion Ratio Lower Upper

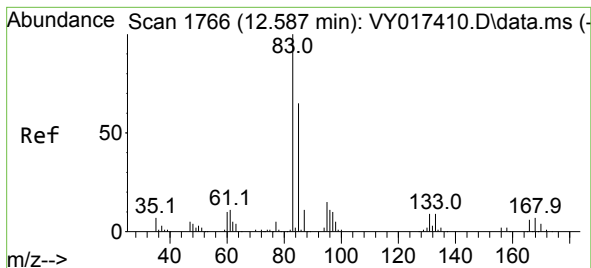
43 100

70 52.9 41.4 62.2

55 28.7 23.3 34.9

61 28.4 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 44.824 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.006 min

Lab File: VY017413.D

Acq: 19 Feb 2024 19:21

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY021924

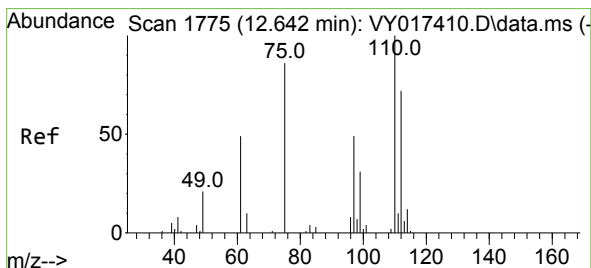
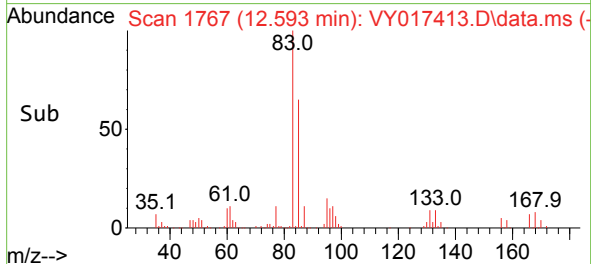
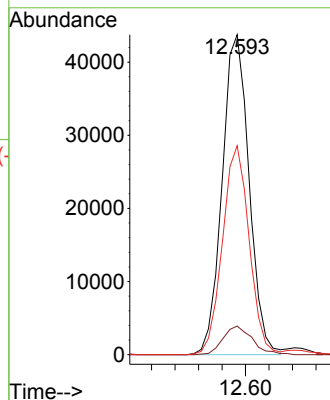
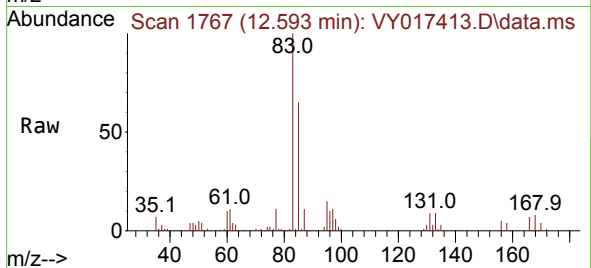
Tgt Ion: 83 Resp: 69640

Ion Ratio Lower Upper

83 100

131 9.7 5.0 14.9

85 64.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 78.713 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY017413.D

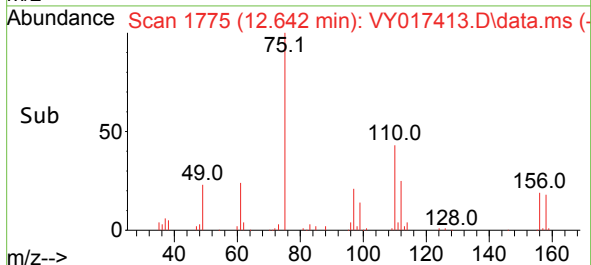
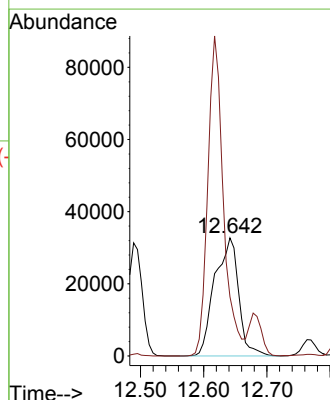
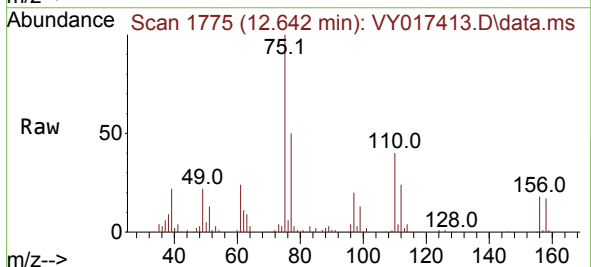
Acq: 19 Feb 2024 19:21

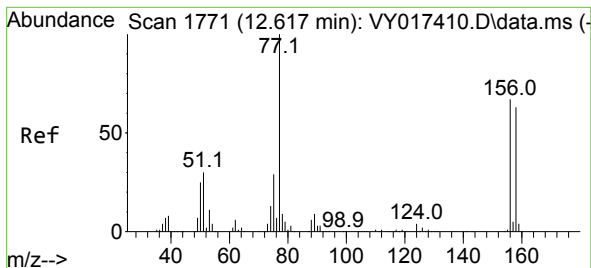
Tgt Ion: 75 Resp: 85888

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 42.803 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017413.D

Acq: 19 Feb 2024 19:21

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY021924

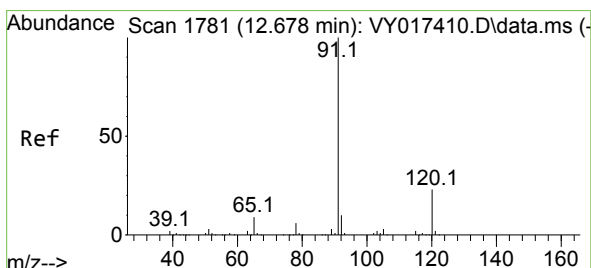
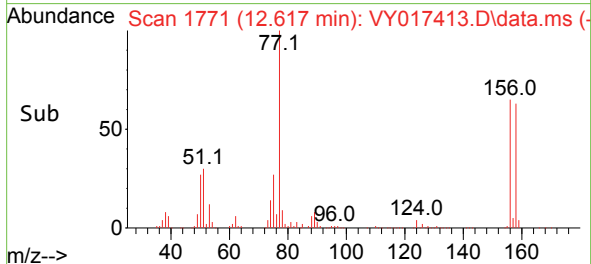
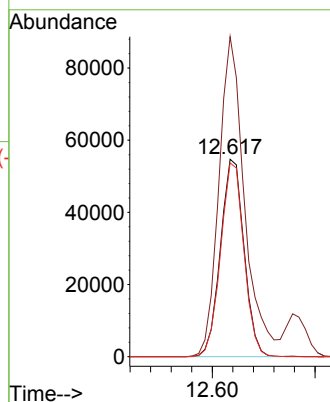
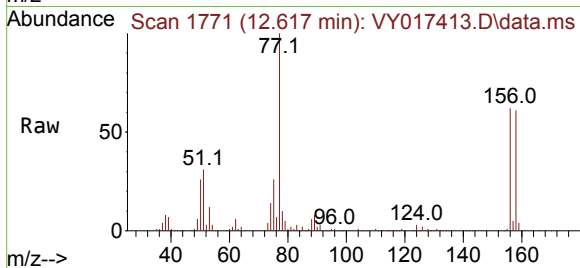
Tgt Ion:156 Resp: 87263

Ion Ratio Lower Upper

156 100

77 174.7 87.1 261.3

158 96.8 48.6 145.9



#78

n-propylbenzene

Concen: 43.578 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017413.D

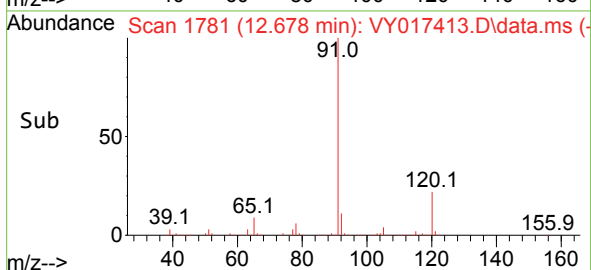
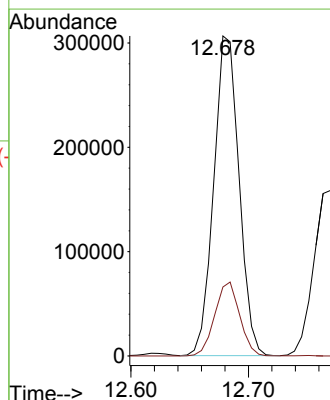
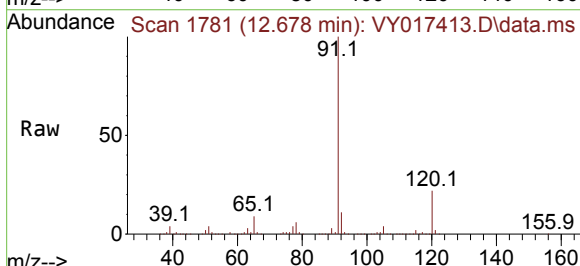
Acq: 19 Feb 2024 19:21

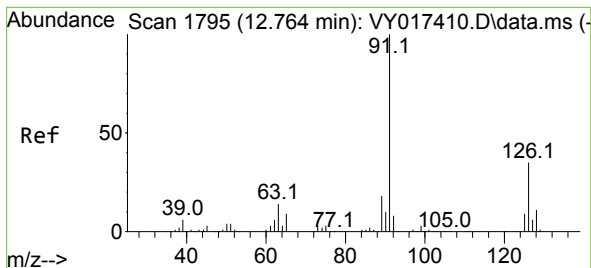
Tgt Ion: 91 Resp: 458195

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4

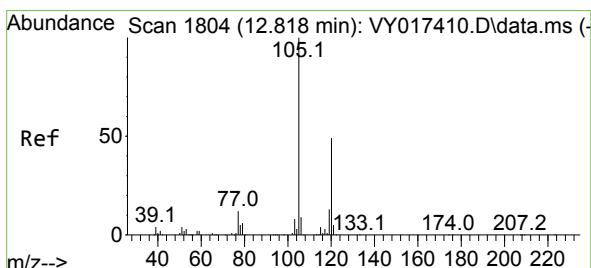
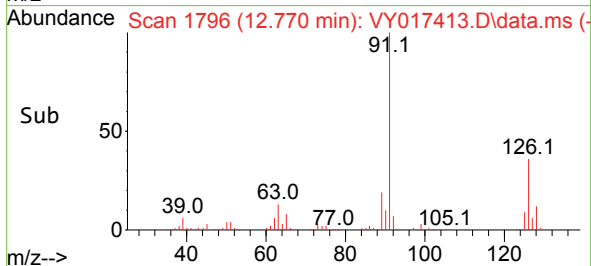
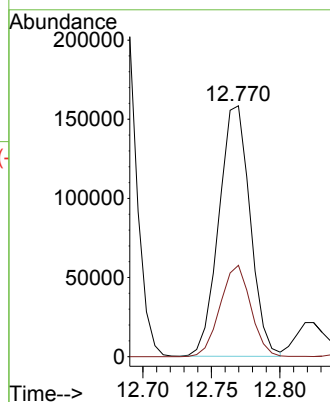
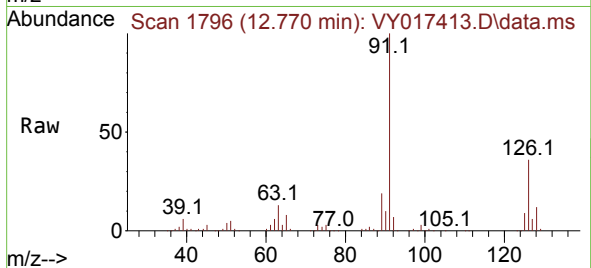




#79
2-Chlorotoluene
Concen: 43.500 ug/l
RT: 12.770 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

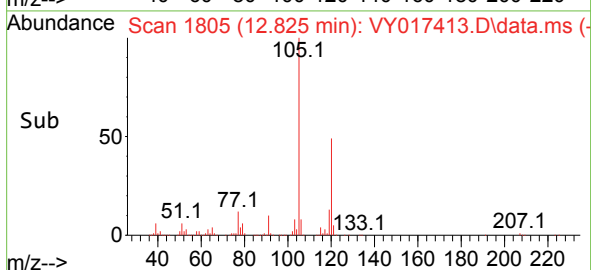
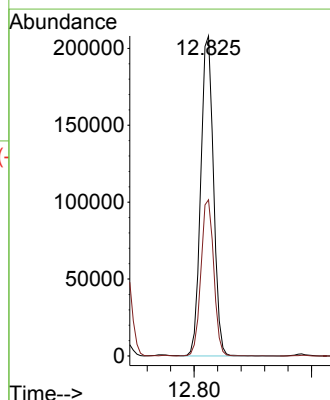
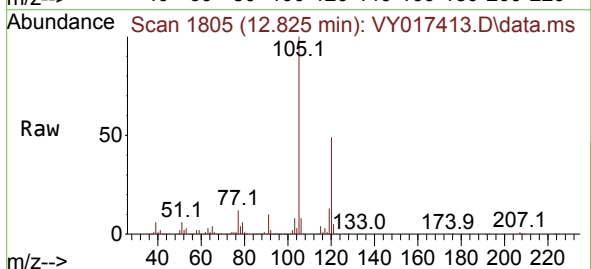
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY021924

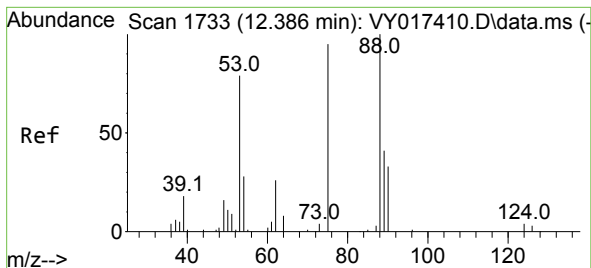
Tgt Ion: 91 Resp: 251844
Ion Ratio Lower Upper
91 100
126 35.6 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 44.898 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

Tgt Ion: 105 Resp: 312174
Ion Ratio Lower Upper
105 100
120 49.2 25.1 75.2

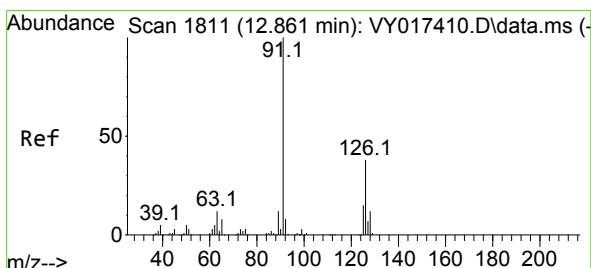
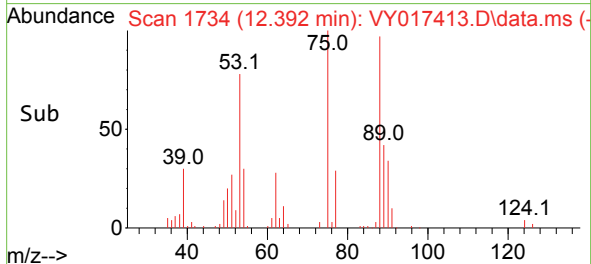
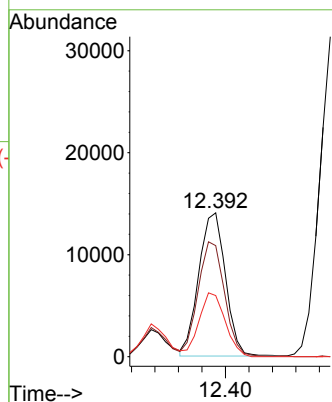
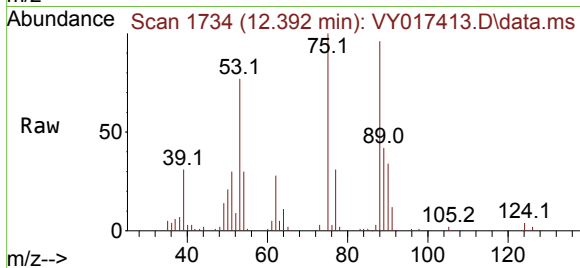




#81
trans-1,4-Dichloro-2-butene
Concen: 47.349 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

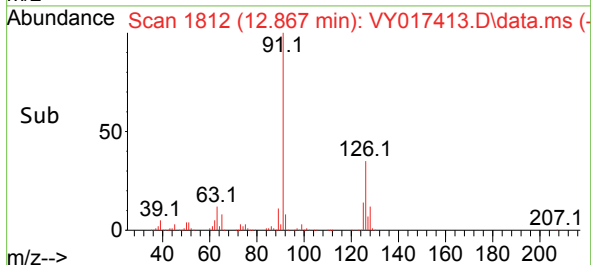
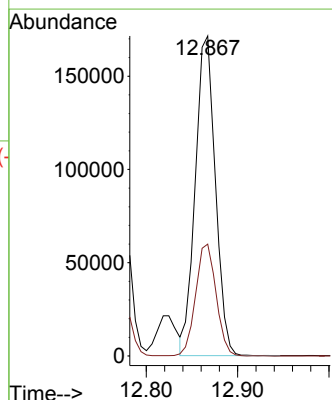
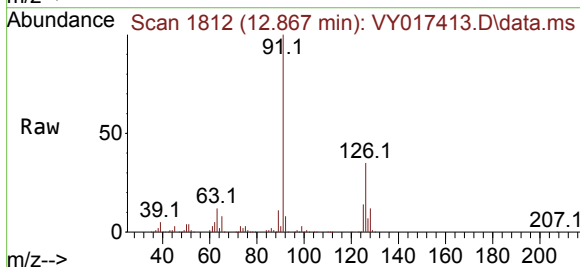
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY021924

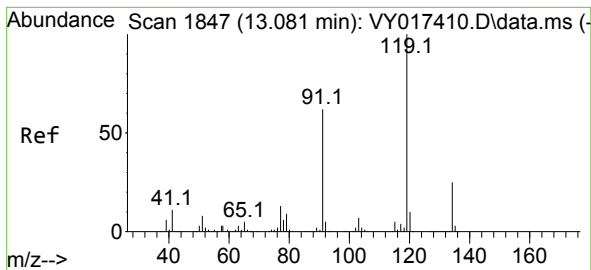
Tgt Ion: 75 Resp: 22159
Ion Ratio Lower Upper
75 100
53 80.3 66.8 100.2
89 43.8 35.8 53.6



#82
4-Chlorotoluene
Concen: 43.781 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

Tgt Ion: 91 Resp: 261564
Ion Ratio Lower Upper
91 100
126 35.6 17.6 52.9





#83

tert-Butylbenzene

Concen: 44.321 ug/l

RT: 13.087 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY017413.D

Acq: 19 Feb 2024 19:21

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY021924

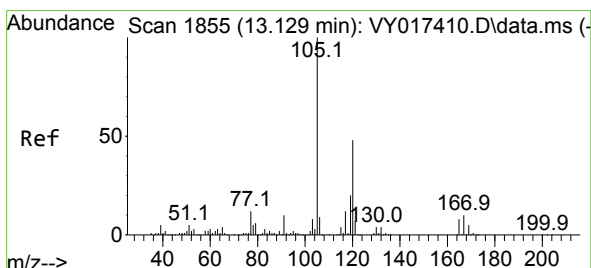
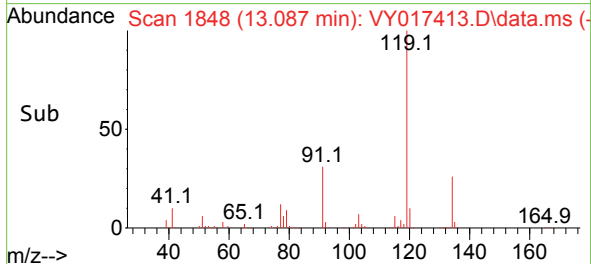
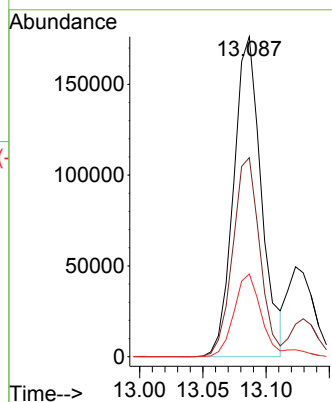
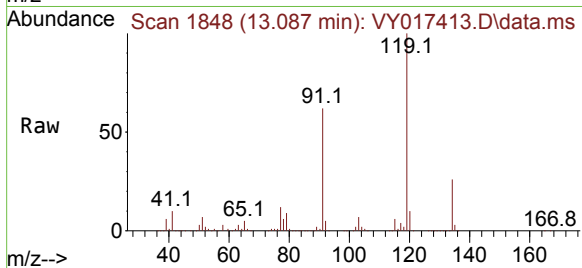
Tgt Ion:119 Resp: 269094

Ion Ratio Lower Upper

119 100

91 60.7 31.3 93.8

134 26.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 44.735 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY017413.D

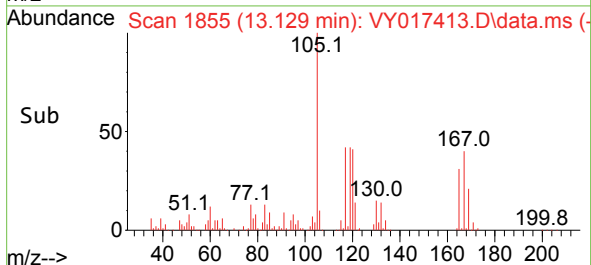
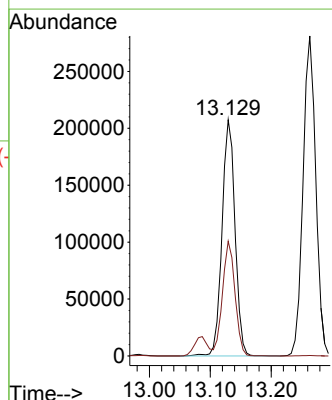
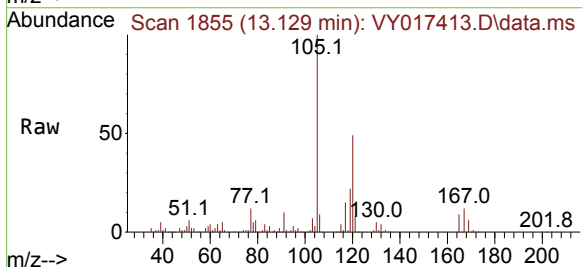
Acq: 19 Feb 2024 19:21

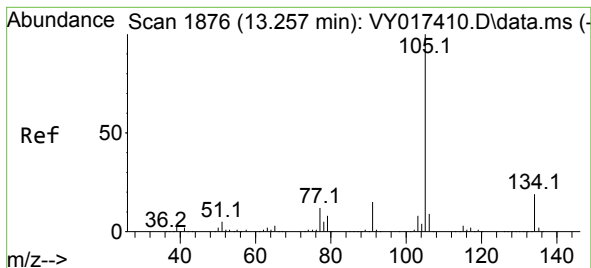
Tgt Ion:105 Resp: 308147

Ion Ratio Lower Upper

105 100

120 46.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 43.748 ug/l

RT: 13.264 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VY017413.D

Acq: 19 Feb 2024 19:21

Instrument :

MSVOA_Y

ClientSampleId :

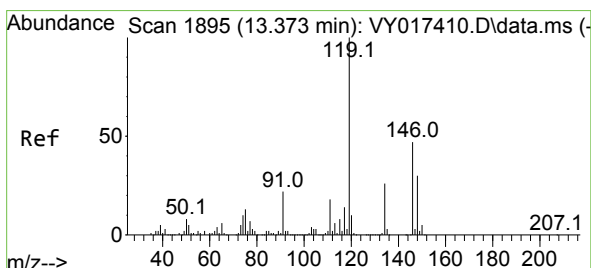
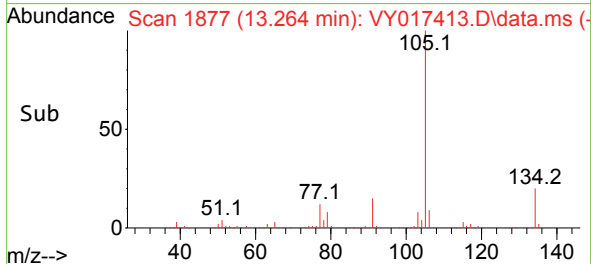
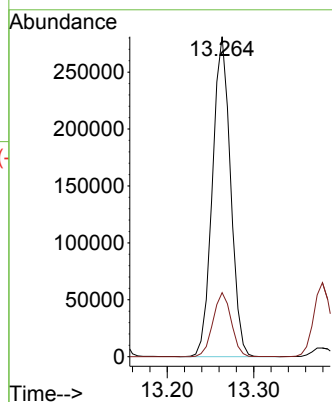
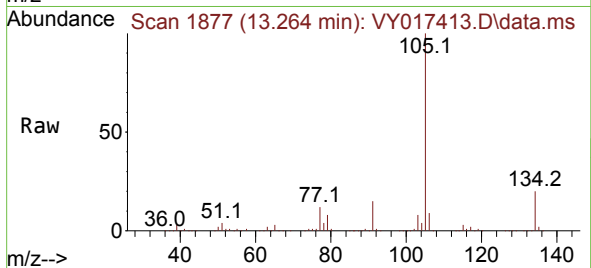
ICVVY021924

Tgt Ion:105 Resp: 407970

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 44.146 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY017413.D

Acq: 19 Feb 2024 19:21

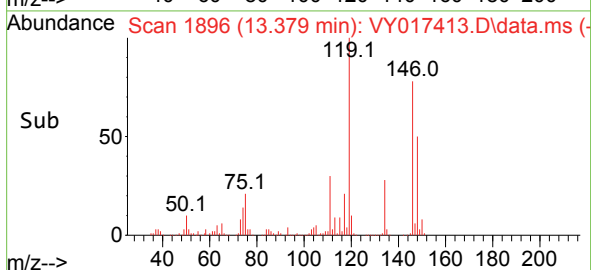
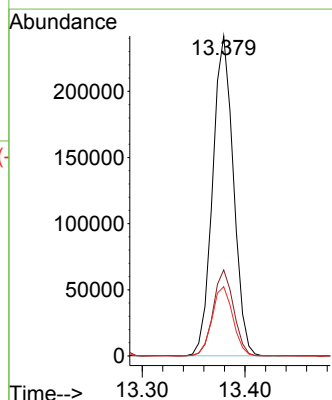
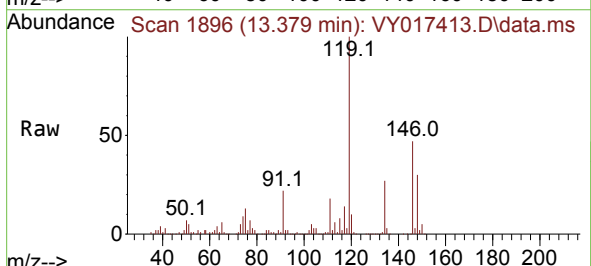
Tgt Ion:119 Resp: 339075

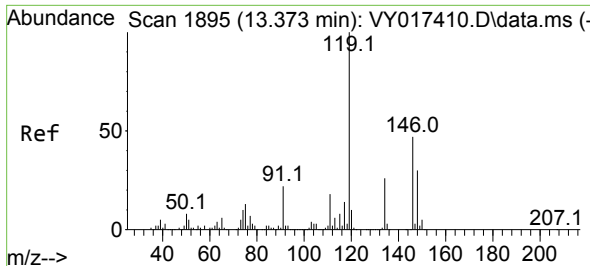
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 21.7 10.7 32.1

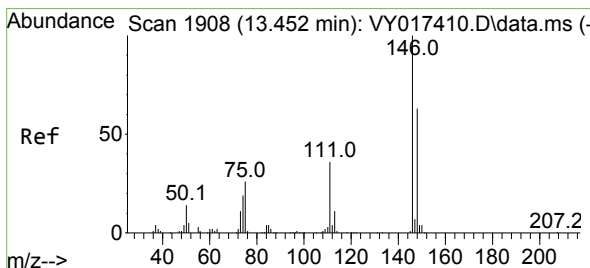
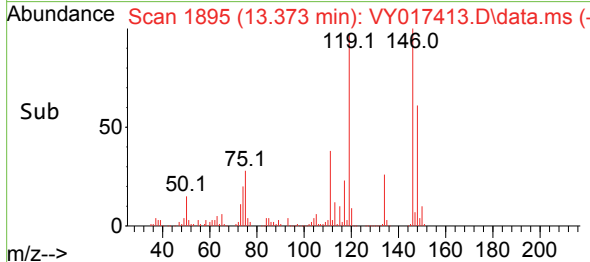
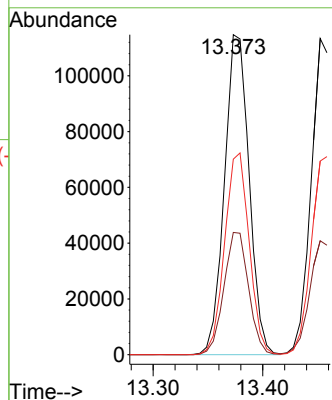
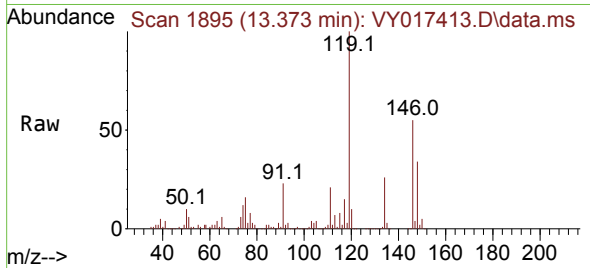




#87
1,3-Dichlorobenzene
Concen: 43.521 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

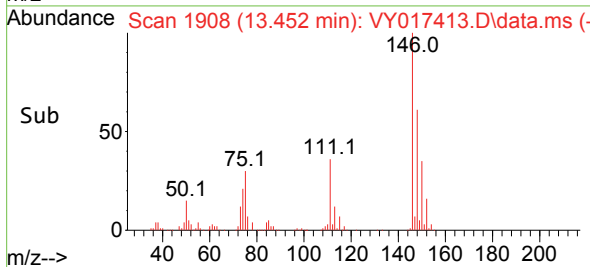
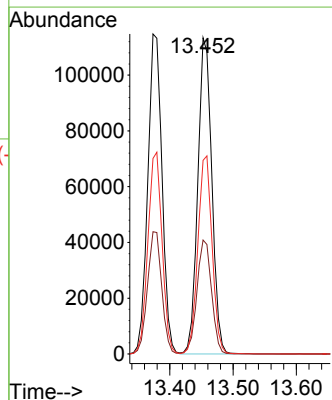
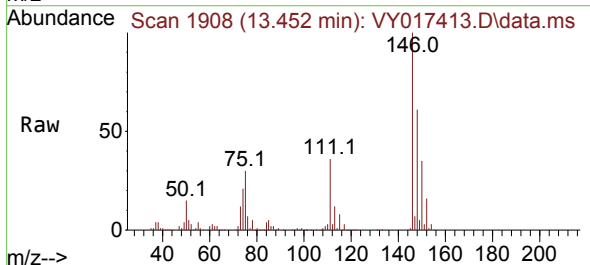
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY021924

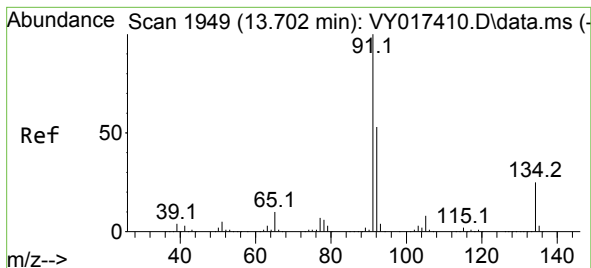
Tgt Ion:146 Resp: 179183
Ion Ratio Lower Upper
146 100
111 38.3 19.0 57.0
148 62.8 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 44.088 ug/l
RT: 13.452 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY017413.D
Acq: 19 Feb 2024 19:21

Tgt Ion:146 Resp: 175267
Ion Ratio Lower Upper
146 100
111 37.4 18.4 55.4
148 63.5 32.4 97.2





#89

n-Butylbenzene

Concen: 44.627 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017413.D

Acq: 19 Feb 2024 19:21

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY021924

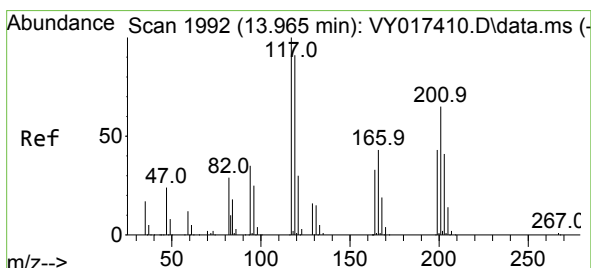
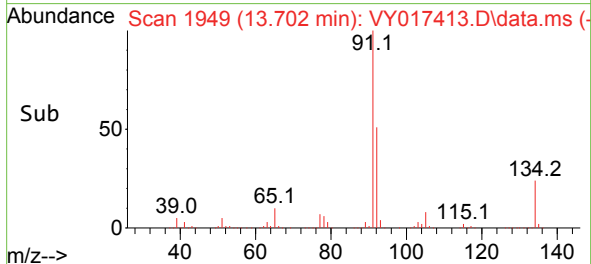
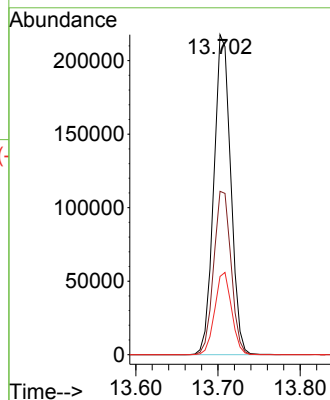
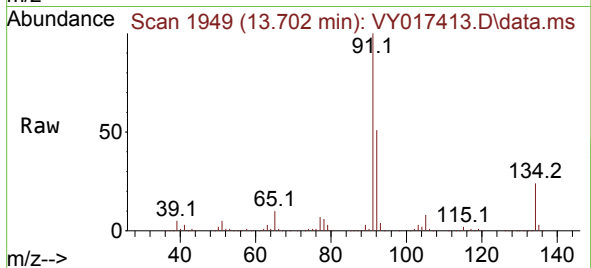
Tgt Ion: 91 Resp: 311750

Ion Ratio Lower Upper

91 100

92 52.3 26.6 79.7

134 25.6 12.9 38.7



#90

Hexachloroethane

Concen: 42.165 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.006 min

Lab File: VY017413.D

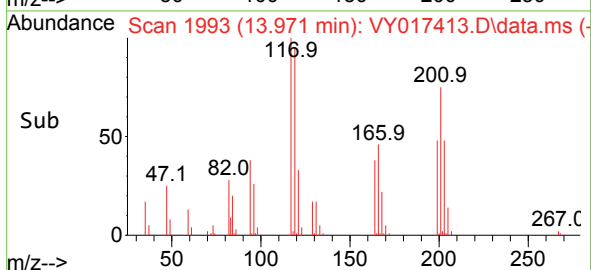
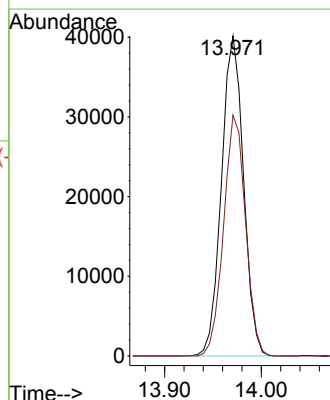
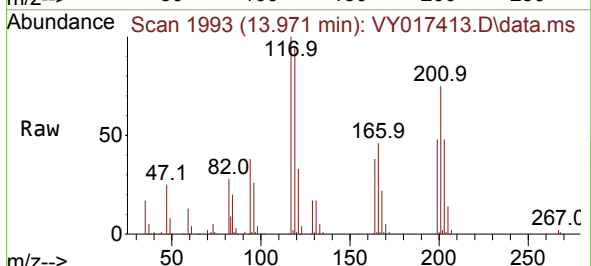
Acq: 19 Feb 2024 19:21

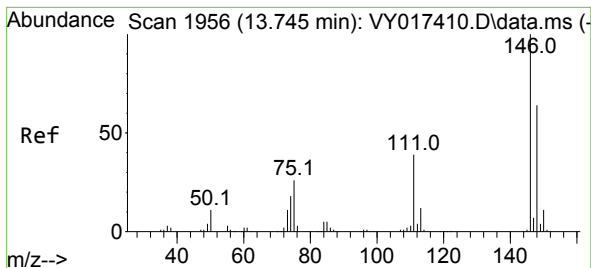
Tgt Ion: 117 Resp: 63460

Ion Ratio Lower Upper

117 100

201 75.0 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 44.072 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY017413.D

Acq: 19 Feb 2024 19:21

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY021924

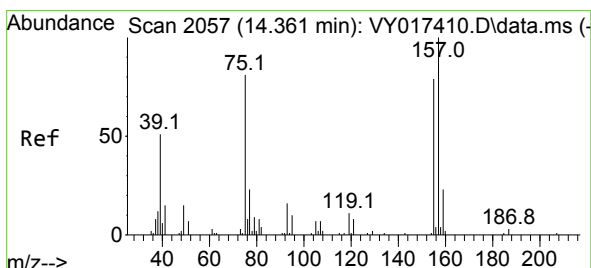
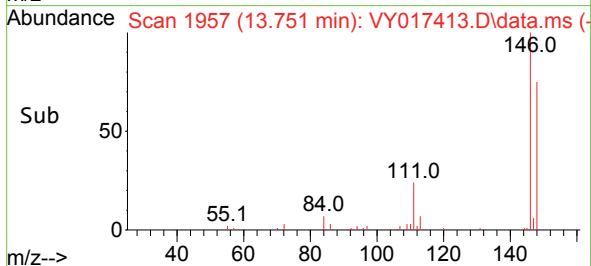
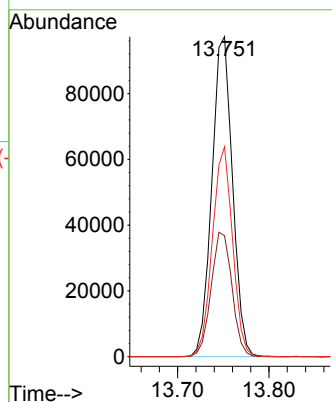
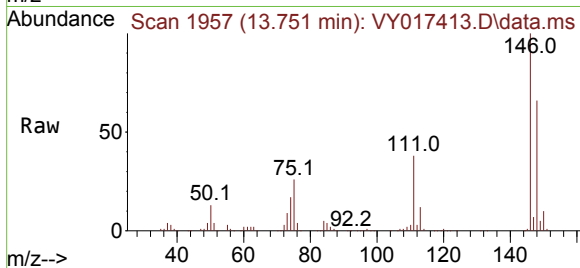
Tgt Ion:146 Resp: 152733

Ion Ratio Lower Upper

146 100

111 39.3 19.9 59.7

148 64.3 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.928 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VY017413.D

Acq: 19 Feb 2024 19:21

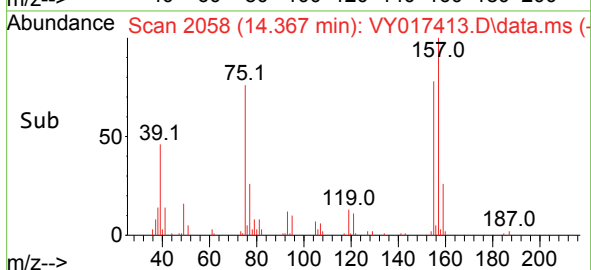
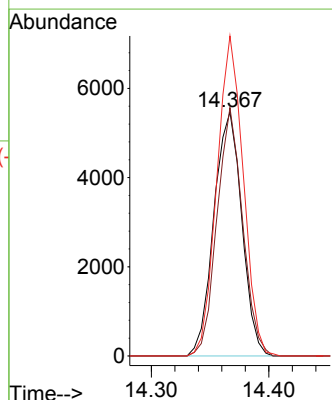
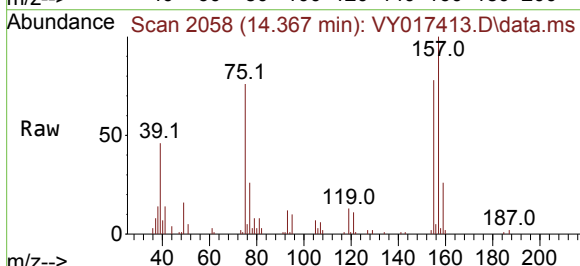
Tgt Ion: 75 Resp: 9019

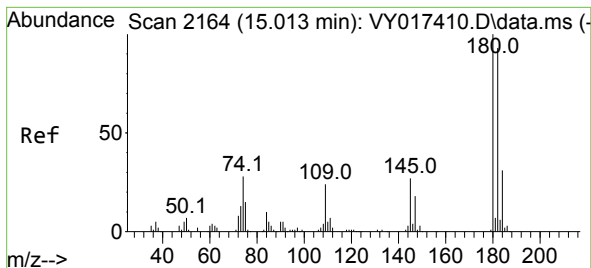
Ion Ratio Lower Upper

75 100

155 93.2 48.6 145.8

157 124.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 45.907 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017413.D

Acq: 19 Feb 2024 19:21

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY021924

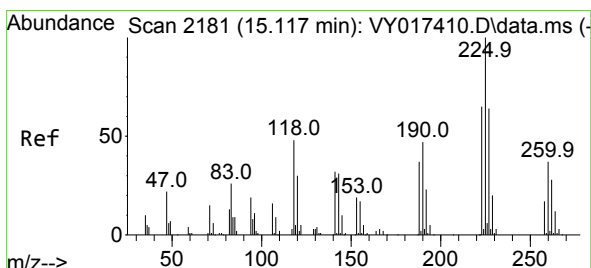
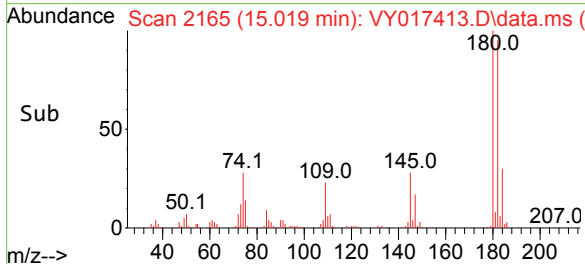
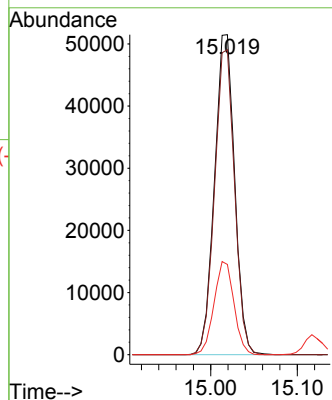
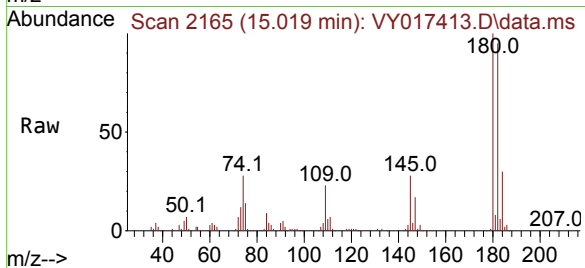
Tgt Ion:180 Resp: 83185

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.8

145 28.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 42.005 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017413.D

Acq: 19 Feb 2024 19:21

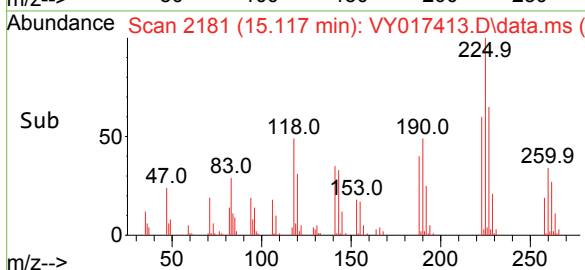
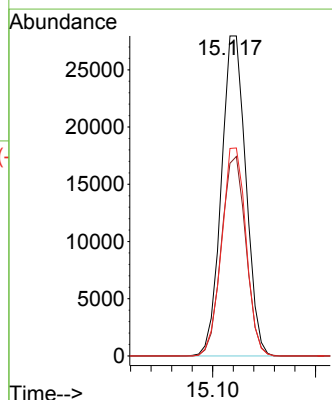
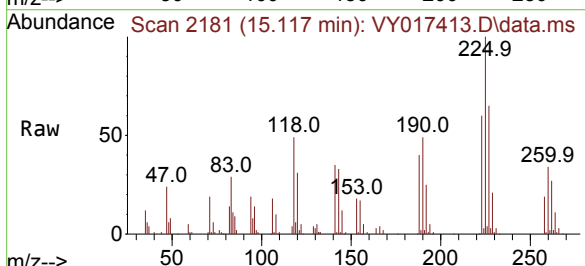
Tgt Ion:225 Resp: 46293

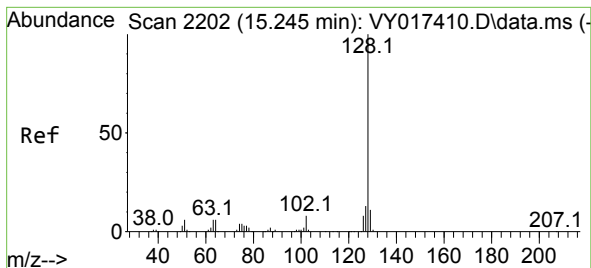
Ion Ratio Lower Upper

225 100

223 62.1 30.4 91.2

227 64.7 31.9 95.9





#95

Naphthalene

Concen: 45.685 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY017413.D

Acq: 19 Feb 2024 19:21

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY021924

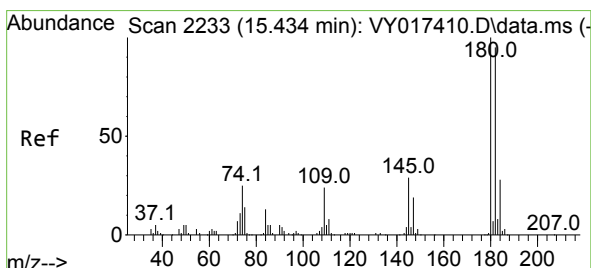
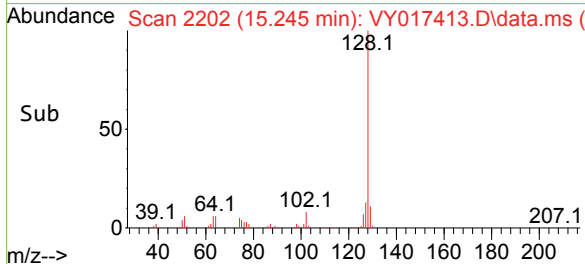
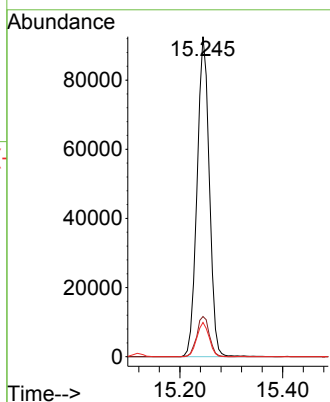
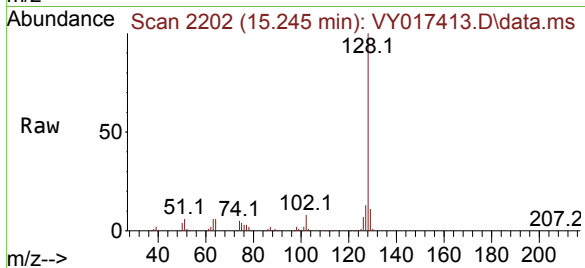
Tgt Ion:128 Resp: 152648

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 46.808 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY017413.D

Acq: 19 Feb 2024 19:21

Tgt Ion:180 Resp: 71307

Ion Ratio Lower Upper

180 100

182 96.5 47.6 142.9

145 30.7 15.4 46.1

