

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041624\
 Data File : VY017947.D
 Acq On : 16 Apr 2024 14:17
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY041624

Quant Time: Apr 17 06:28:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	427643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	670752	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	584522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	275165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	187686	50.716	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.440%	
35) Dibromofluoromethane	7.710	113	212553	51.364	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.720%	
50) Toluene-d8	10.179	98	826611	52.643	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.280%	
62) 4-Bromofluorobenzene	12.483	95	256257	52.695	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.400%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	143501	42.298	ug/l	99
3) Chloromethane	2.107	50	250238	44.515	ug/l	96
4) Vinyl Chloride	2.247	62	289876	45.750	ug/l	98
5) Bromomethane	2.650	94	195145	46.272	ug/l	99
6) Chloroethane	2.790	64	184493	46.121	ug/l	99
7) Trichlorofluoromethane	3.119	101	320807	44.926	ug/l	93
8) Diethyl Ether	3.521	74	101087	44.799	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.893	101	198762	44.698	ug/l	100
10) Methyl Iodide	4.082	142	284408	48.074	ug/l	99
11) Tert butyl alcohol	4.948	59	58584	219.527	ug/l #	80
12) 1,1-Dichloroethene	3.869	96	196145	45.437	ug/l	98
13) Acrolein	3.723	56	74573	258.740	ug/l	98
14) Allyl chloride	4.472	41	255239	45.688	ug/l	96
15) Acrylonitrile	5.155	53	207275	226.240	ug/l	100
16) Acetone	3.942	43	175606	240.156	ug/l	94
17) Carbon Disulfide	4.192	76	610675	44.468	ug/l	99
18) Methyl Acetate	4.466	43	77592	40.336	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	438949	46.656	ug/l	97
20) Methylene Chloride	4.710	84	216057	43.614	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	215542	45.579	ug/l	99
22) Diisopropyl ether	6.112	45	573222	46.805	ug/l	98
23) Vinyl Acetate	6.051	43	1725825	237.638	ug/l	99
24) 1,1-Dichloroethane	6.009	63	365741	45.738	ug/l	98
25) 2-Butanone	6.978	43	251121	233.645	ug/l	95
26) 2,2-Dichloropropane	6.978	77	300998	46.919	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	251732	46.609	ug/l	98
28) Bromochloromethane	7.332	49	166425	52.910	ug/l	97
29) Tetrahydrofuran	7.344	42	155019	227.280	ug/l	97
30) Chloroform	7.502	83	371524	45.461	ug/l	99
31) Cyclohexane	7.783	56	312838	44.227	ug/l	98
32) 1,1,1-Trichloroethane	7.697	97	312433	45.900	ug/l	98
36) 1,1-Dichloropropene	7.917	75	276865	46.006	ug/l	98
37) Ethyl Acetate	7.070	43	116775	47.163	ug/l	99
38) Carbon Tetrachloride	7.899	117	281800	46.349	ug/l	99
39) Methylcyclohexane	9.179	83	359882	45.889	ug/l	96
40) Benzene	8.155	78	865916	45.936	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	63597	40.706	ug/l	90
42) 1,2-Dichloroethane	8.234	62	196999	45.610	ug/l	100
43) Isopropyl Acetate	8.271	43	211598	45.846	ug/l	98
44) Trichloroethene	8.935	130	219424	45.807	ug/l	98
45) 1,2-Dichloropropane	9.209	63	198029	45.637	ug/l	99
46) Dibromomethane	9.301	93	111270	46.358	ug/l	99
47) Bromodichloromethane	9.496	83	278215	46.202	ug/l	97
48) Methyl methacrylate	9.289	41	98869	46.749	ug/l	98
49) 1,4-Dioxane	9.301	88	25205	919.862	ug/l #	94
51) 4-Methyl-2-Pentanone	10.069	43	568906	232.517	ug/l	100
52) Toluene	10.240	92	544875	47.105	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	256434	46.646	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	316538	46.871	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	148159	45.409	ug/l	97
56) Ethyl methacrylate	10.508	69	201985	47.485	ug/l	98
57) 1,3-Dichloropropane	10.788	76	252509	45.704	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	589845	266.770	ug/l	100
59) 2-Hexanone	10.831	43	402674	241.092	ug/l	100
60) Dibromochloromethane	10.983	129	193582	46.164	ug/l	99
61) 1,2-Dibromoethane	11.087	107	138988	45.708	ug/l	100
64) Tetrachloroethene	10.715	164	192132	45.885	ug/l	98
65) Chlorobenzene	11.514	112	594414	46.400	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	195958	46.389	ug/l	99
67) Ethyl Benzene	11.593	91	1025090	47.523	ug/l	98
68) m/p-Xylenes	11.703	106	791578	95.546	ug/l	99
69) o-Xylene	12.026	106	364920	47.167	ug/l	99
70) Styrene	12.044	104	630006	48.179	ug/l	100
71) Bromoform	12.209	173	112063	45.915	ug/l #	98
73) Isopropylbenzene	12.331	105	956437	47.702	ug/l	99
74) N-amyl acetate	12.142	43	191475	47.308	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	170512	45.598	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	206846	80.107	ug/l #	100
77) Bromobenzene	12.605	156	226874	46.758	ug/l	99
78) n-propylbenzene	12.672	91	1160583	47.708	ug/l	99
79) 2-Chlorotoluene	12.758	91	639936	46.997	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	761789	47.916	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	58259	46.520	ug/l	97
82) 4-Chlorotoluene	12.855	91	667511	47.333	ug/l	99
83) tert-Butylbenzene	13.075	119	692099	47.663	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	757598	47.850	ug/l	99
85) sec-Butylbenzene	13.251	105	1029908	47.221	ug/l	99
86) p-Isopropyltoluene	13.367	119	853127	47.603	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	444504	46.172	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	431873	45.697	ug/l	99
89) n-Butylbenzene	13.696	91	797021	47.271	ug/l	100
90) Hexachloroethane	13.959	117	168324	45.803	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	381568	45.941	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20877	43.404	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	218026	45.077	ug/l	99
94) Hexachlorobutadiene	15.111	225	125479	43.732	ug/l	99
95) Naphthalene	15.239	128	366080	45.930	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	181419	44.701	ug/l	99

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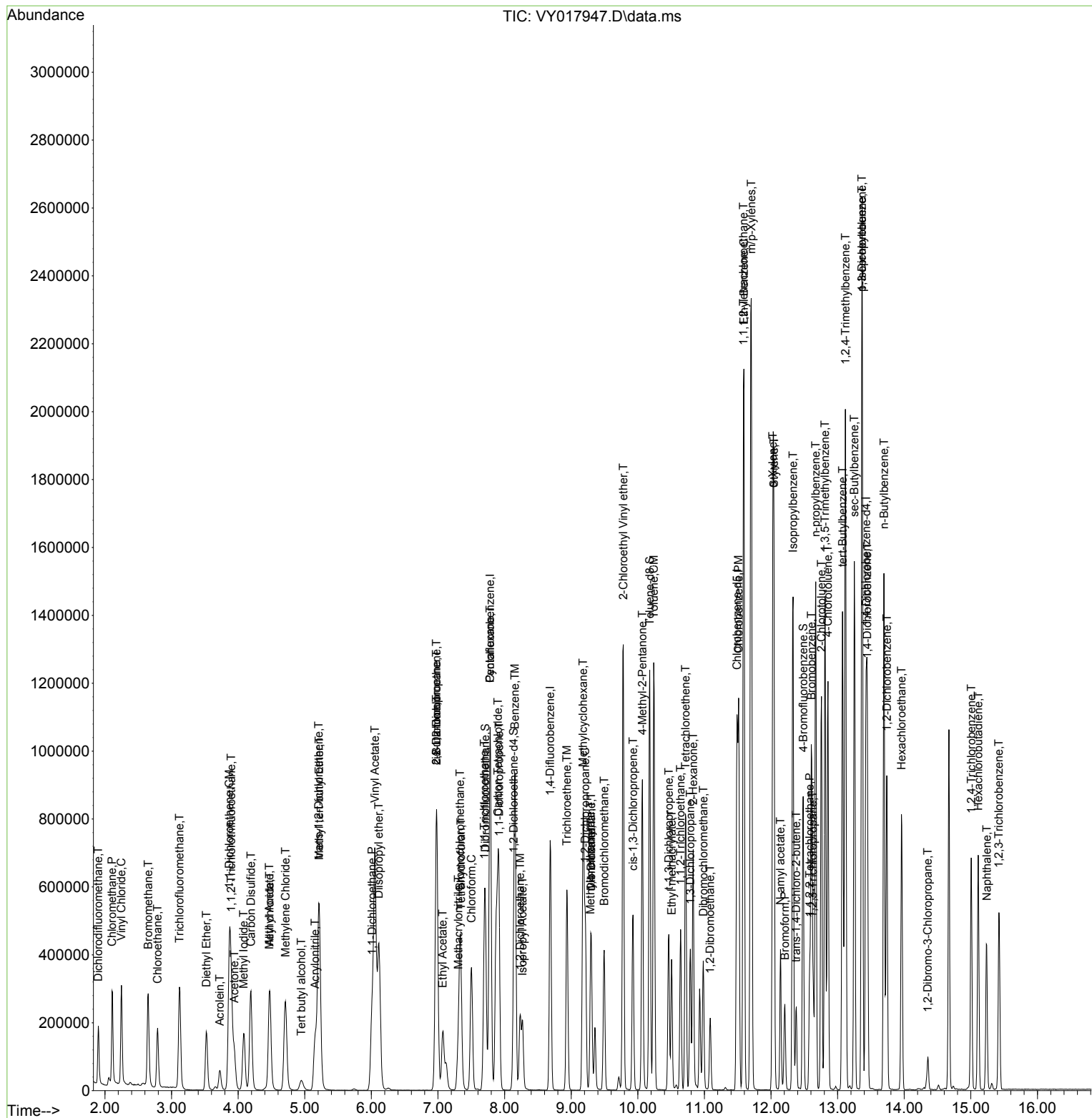
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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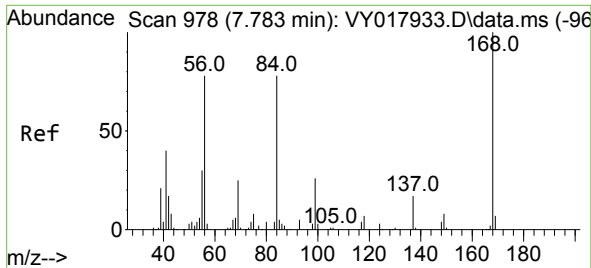
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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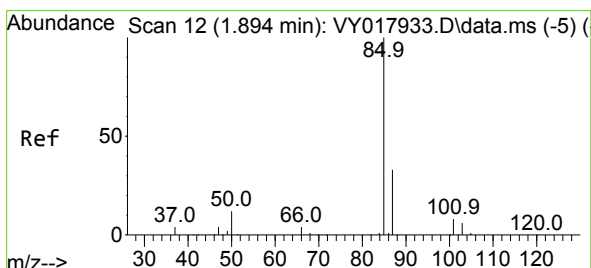
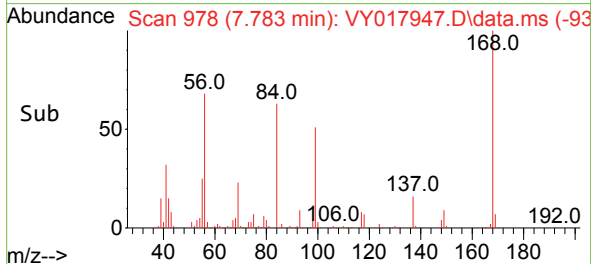
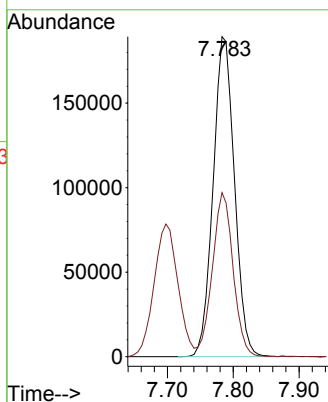
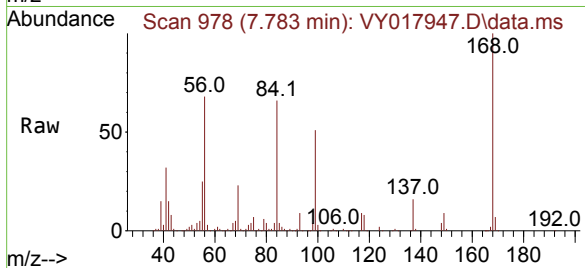




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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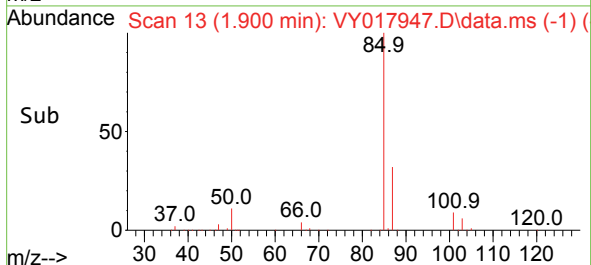
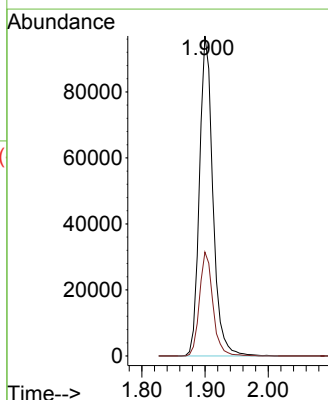
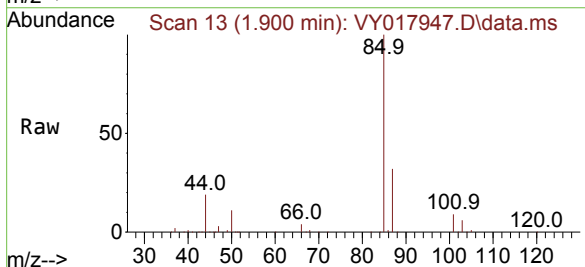
Instrument :
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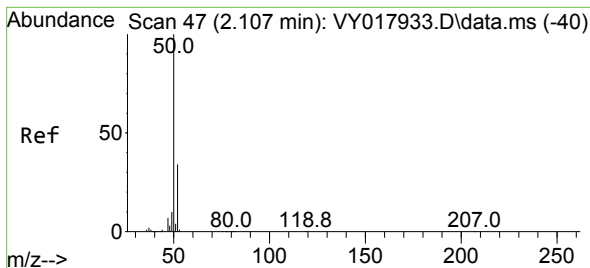
Tgt Ion:168 Resp: 427643
Ion Ratio Lower Upper
168 100
99 51.2 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 42.298 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

Tgt Ion: 85 Resp: 143501
Ion Ratio Lower Upper
85 100
87 32.4 16.0 48.0

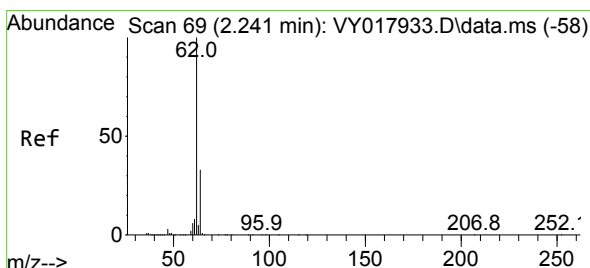
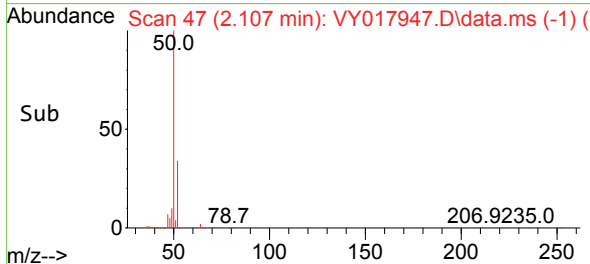
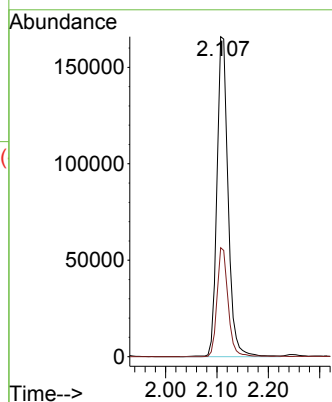
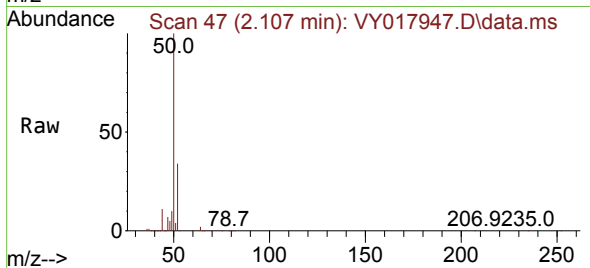




#3
Chloromethane
Concen: 44.515 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

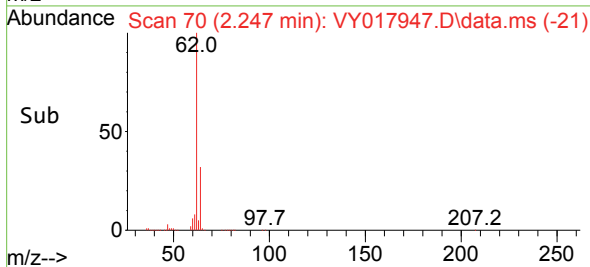
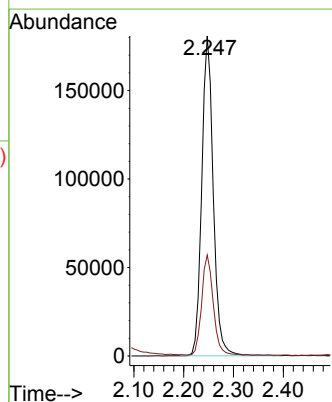
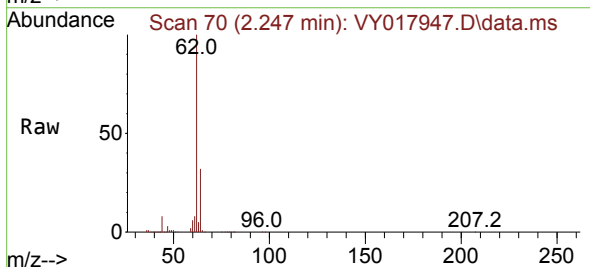
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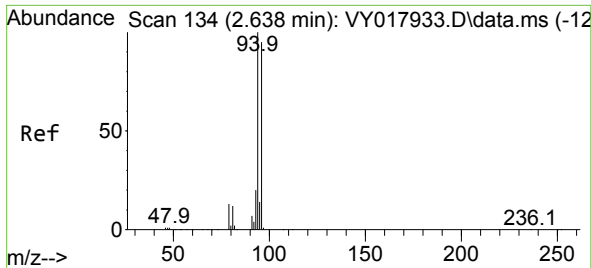
Tgt Ion: 50 Resp: 250238
Ion Ratio Lower Upper
50 100
52 34.1 25.6 38.4



#4
Vinyl Chloride
Concen: 45.750 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

Tgt Ion: 62 Resp: 289876
Ion Ratio Lower Upper
62 100
64 31.3 26.1 39.1

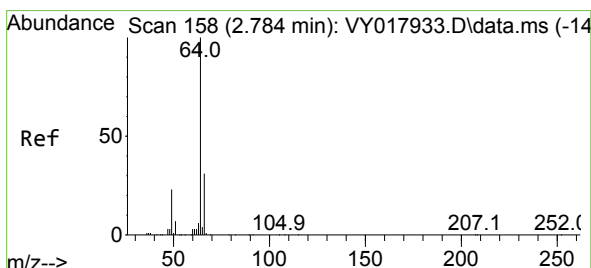
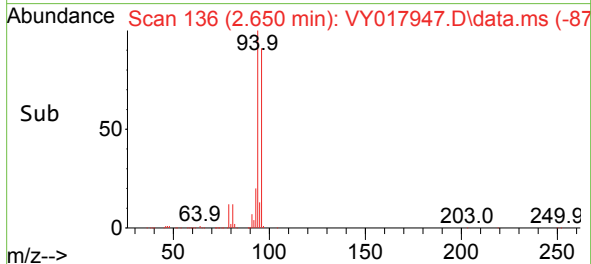
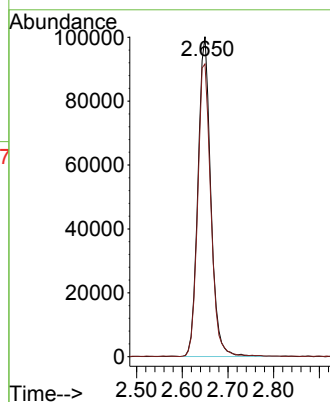
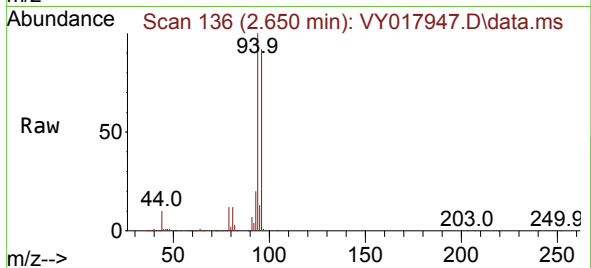




#5
Bromomethane
Concen: 46.272 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017947.D
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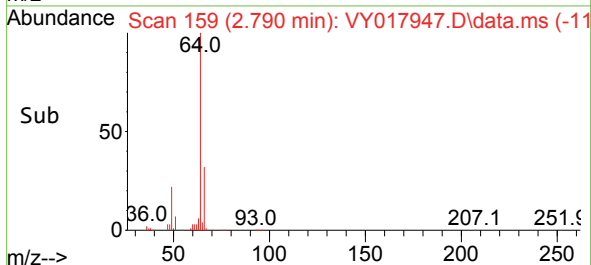
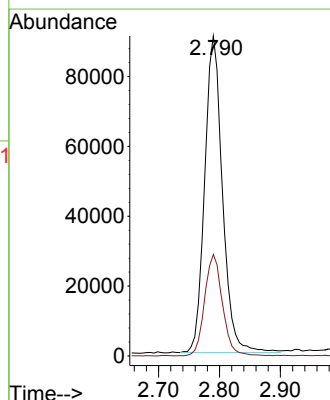
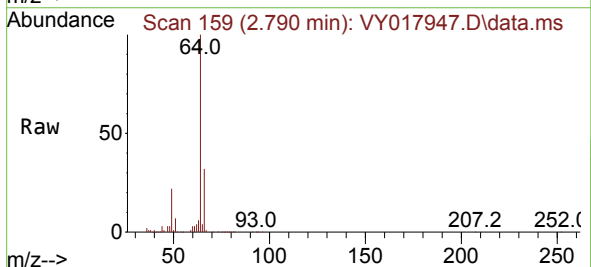
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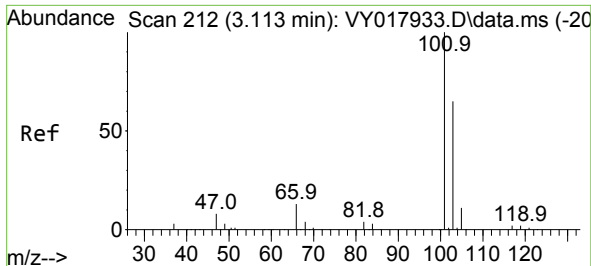
Tgt Ion: 94 Resp: 195145
Ion Ratio Lower Upper
94 100
96 91.5 74.1 111.1



#6
Chloroethane
Concen: 46.121 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY017947.D
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Tgt Ion: 64 Resp: 184493
Ion Ratio Lower Upper
64 100
66 31.9 26.1 39.1

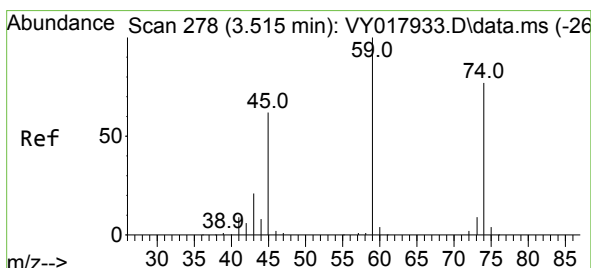
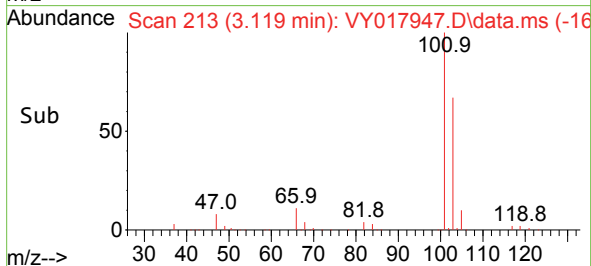
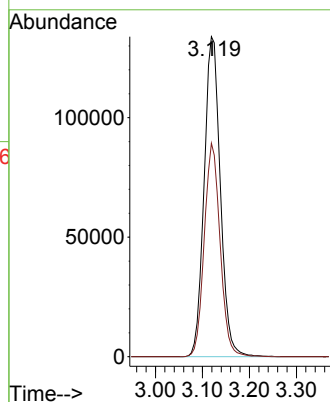
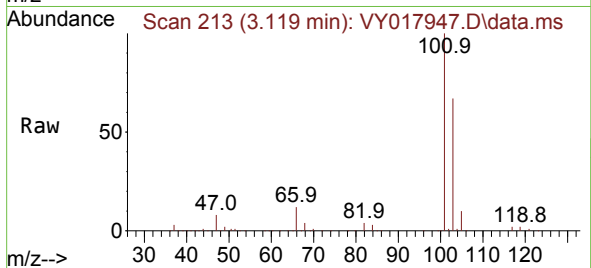




#7
Trichlorofluoromethane
Concen: 44.926 ug/l
RT: 3.119 min Scan# 212
Delta R.T. -0.006 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

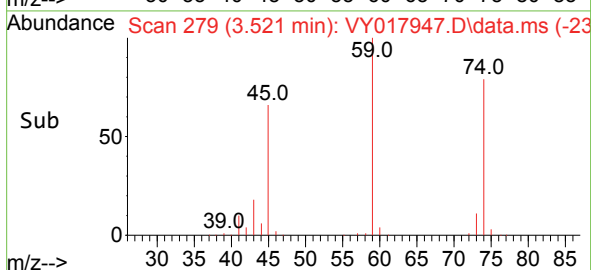
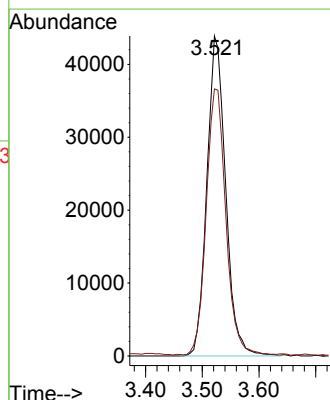
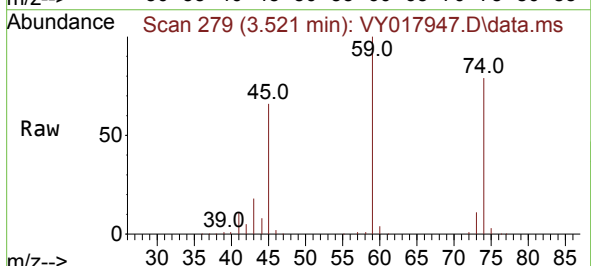
Instrument :
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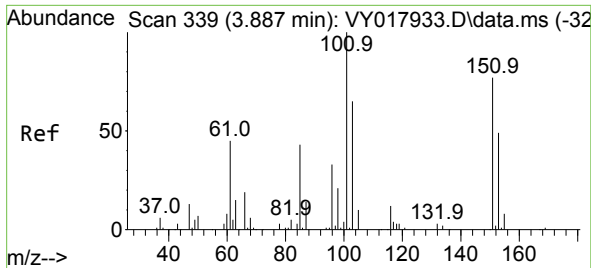
Tgt Ion:101 Resp: 320807
Ion Ratio Lower Upper
101 100
103 66.7 49.3 73.9



#8
Diethyl Ether
Concen: 44.799 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.006 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

Tgt Ion: 74 Resp: 101087
Ion Ratio Lower Upper
74 100
45 86.9 41.3 124.1

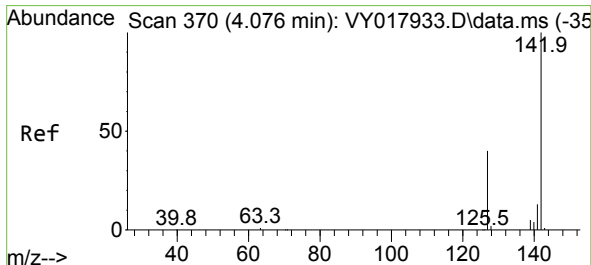
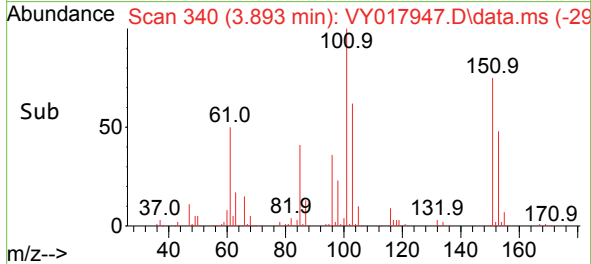
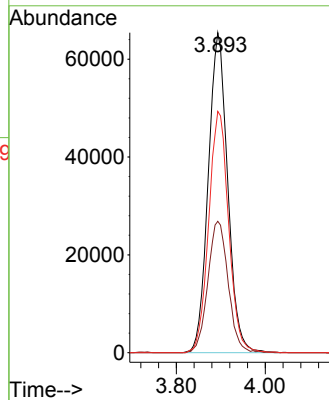
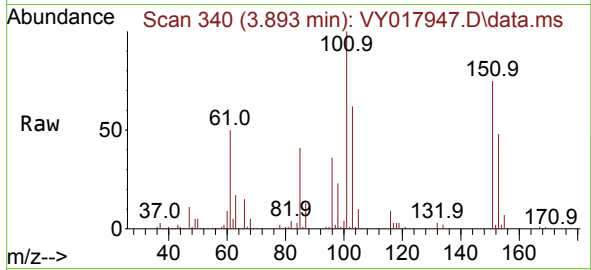




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.698 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

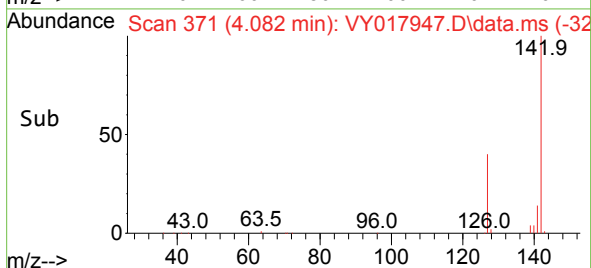
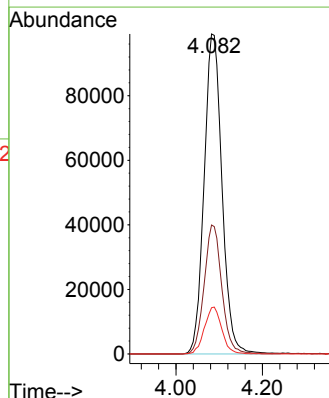
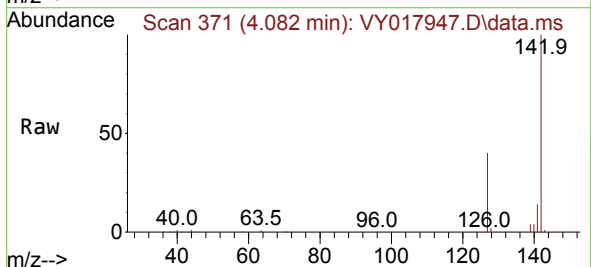
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041624

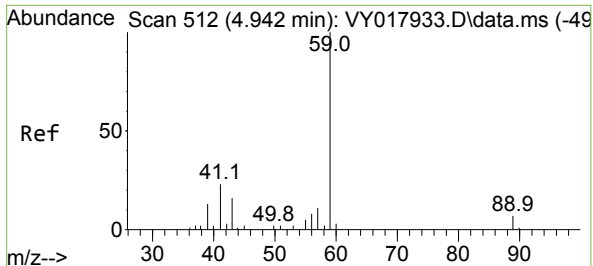
Tgt Ion:101 Resp: 198762
Ion Ratio Lower Upper
101 100
85 43.0 34.5 51.7
151 77.5 61.7 92.5



#10
Methyl Iodide
Concen: 48.074 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

Tgt Ion:142 Resp: 284408
Ion Ratio Lower Upper
142 100
127 39.8 32.8 49.2
141 14.2 11.4 17.2





#11

Tert butyl alcohol

Concen: 219.527 ug/l

RT: 4.948 min Scan# 512

Delta R.T. -0.006 min

Lab File: VY017947.D

Acq: 16 Apr 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

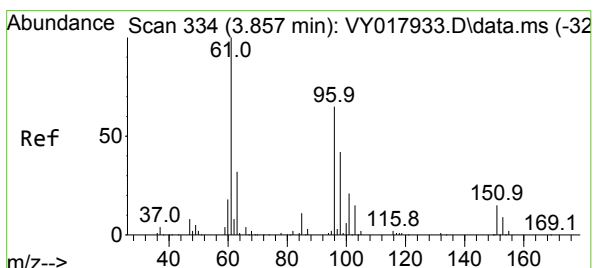
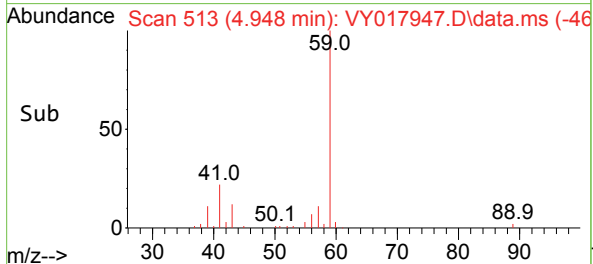
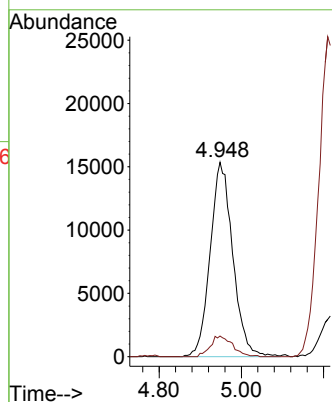
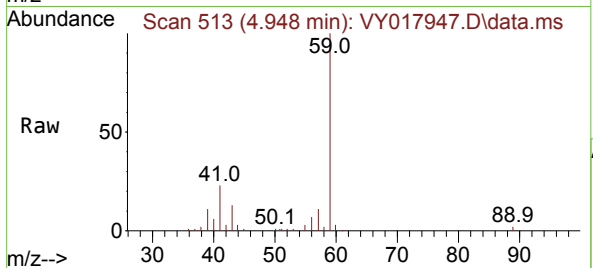
ICVY041624

Tgt Ion: 59 Resp: 58584

Ion Ratio Lower Upper

59 100

57 10.5 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 45.437 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY017947.D

Acq: 16 Apr 2024 14:17

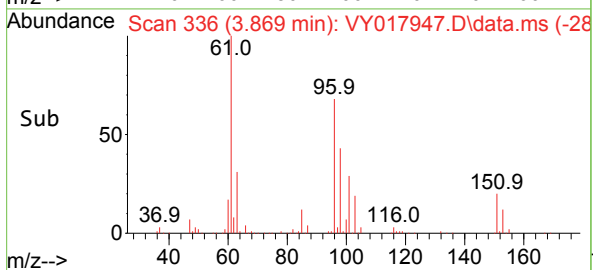
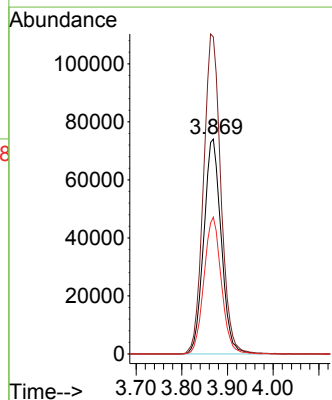
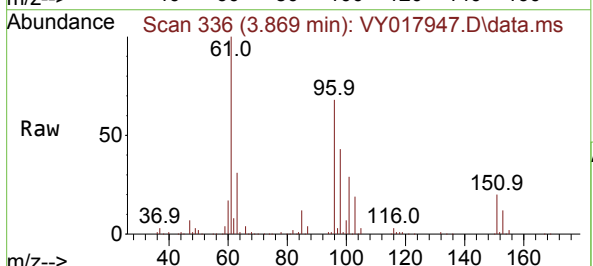
Tgt Ion: 96 Resp: 196145

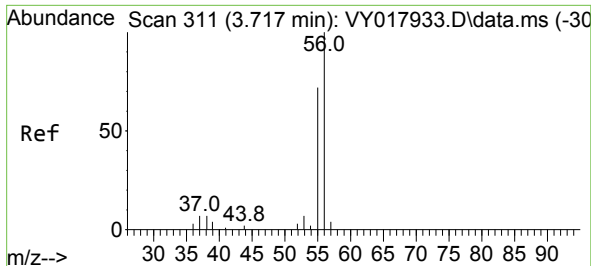
Ion Ratio Lower Upper

96 100

61 147.5 114.6 171.8

98 63.7 50.8 76.2

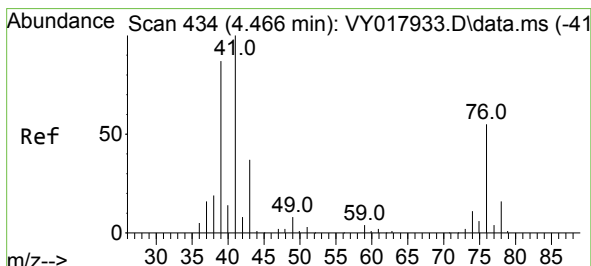
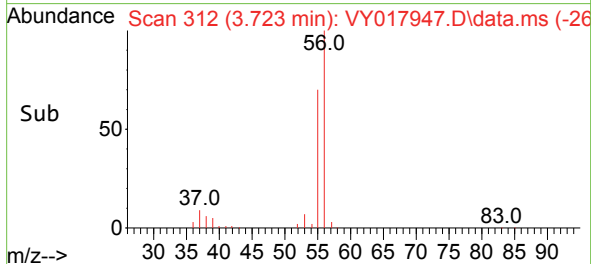
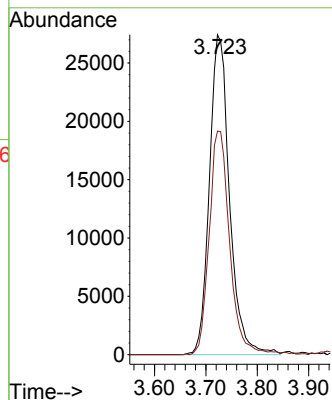
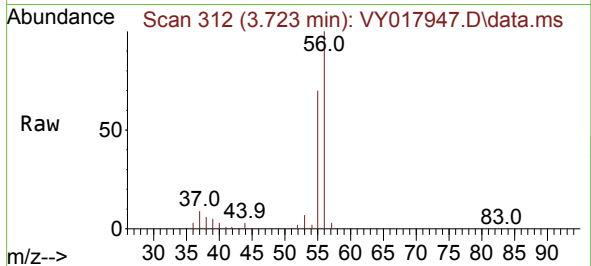




#13
Acrolein
Concen: 258.740 ug/l
RT: 3.723 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

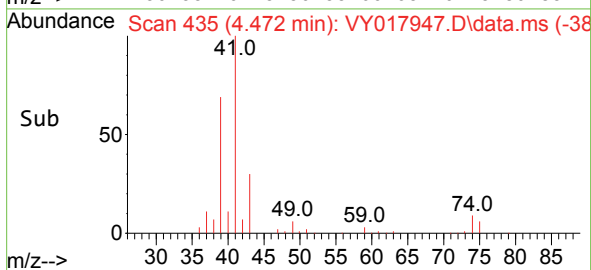
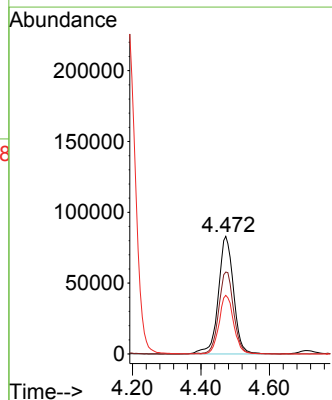
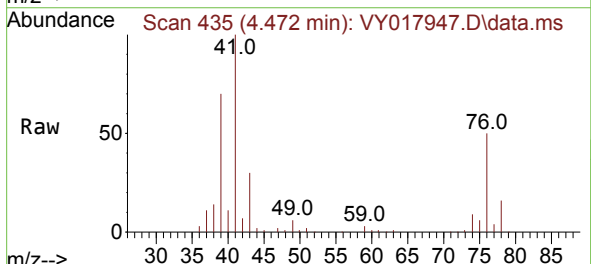
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041624

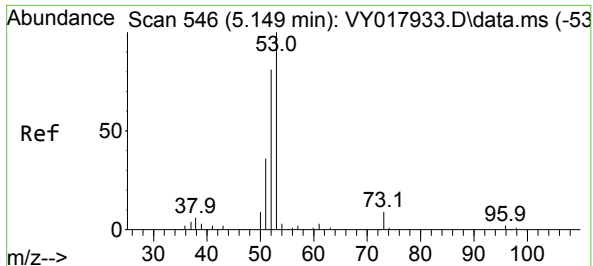
Tgt Ion: 56 Resp: 74573
Ion Ratio Lower Upper
56 100
55 70.9 55.7 83.5



#14
Allyl chloride
Concen: 45.688 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

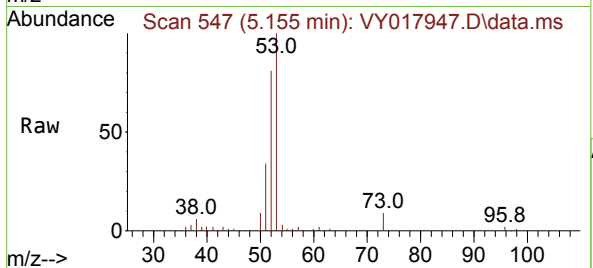
Tgt Ion: 41 Resp: 255239
Ion Ratio Lower Upper
41 100
39 68.6 58.3 87.5
76 47.6 39.0 58.6



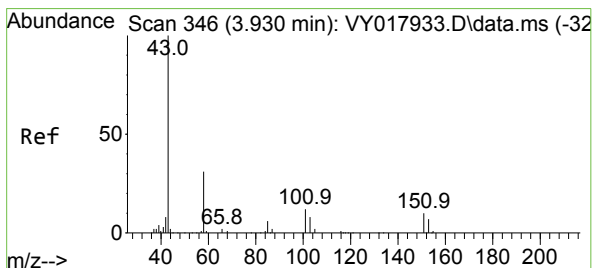
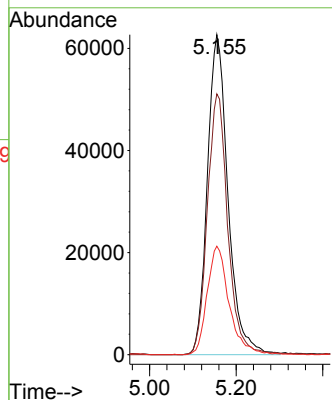
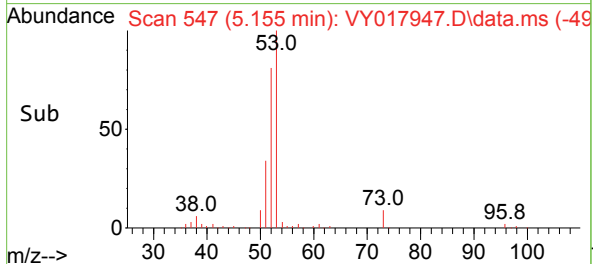


#15
Acrylonitrile
Concen: 226.240 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041624

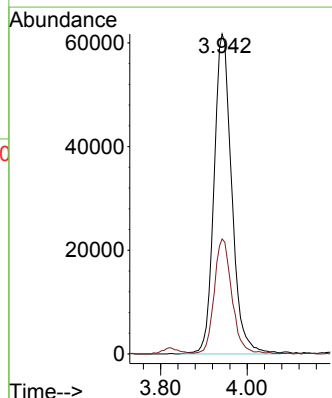
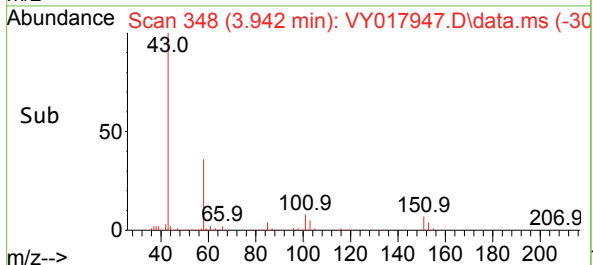
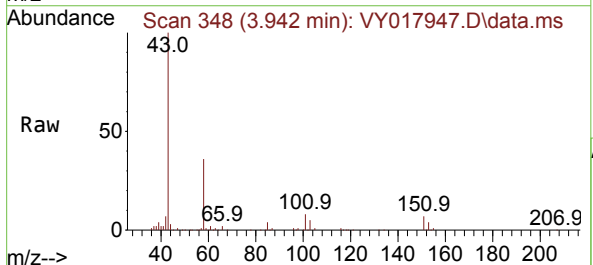


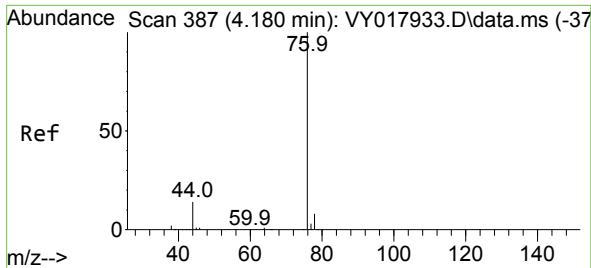
Tgt Ion: 53 Resp: 207275
Ion Ratio Lower Upper
53 100
52 80.8 64.7 97.1
51 36.1 28.4 42.6



#16
Acetone
Concen: 240.156 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

Tgt Ion: 43 Resp: 175606
Ion Ratio Lower Upper
43 100
58 35.8 31.7 47.5





#17

Carbon Disulfide

Concen: 44.468 ug/l

RT: 4.192 min Scan# 389

Delta R.T. 0.000 min

Lab File: VY017947.D

Acq: 16 Apr 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

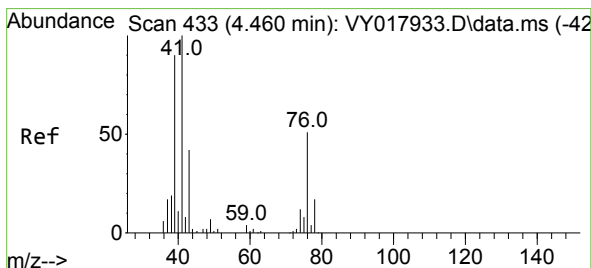
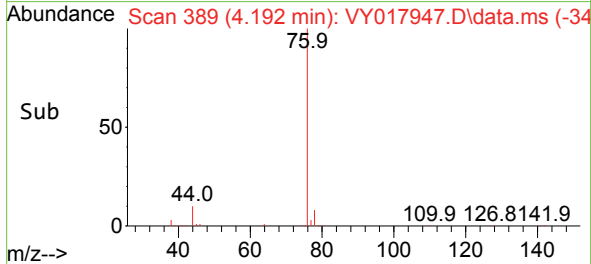
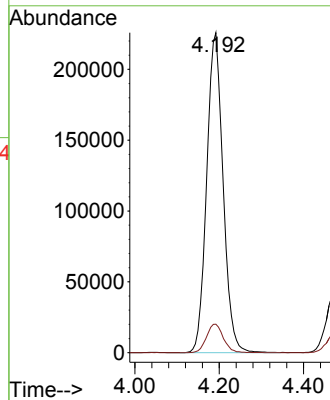
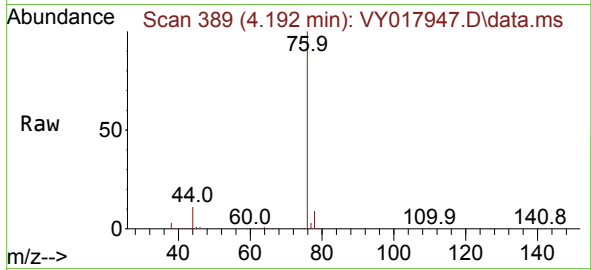
ICVVY041624

Tgt Ion: 76 Resp: 610675

Ion Ratio Lower Upper

76 100

78 8.9 6.8 10.2



#18

Methyl Acetate

Concen: 40.336 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.012 min

Lab File: VY017947.D

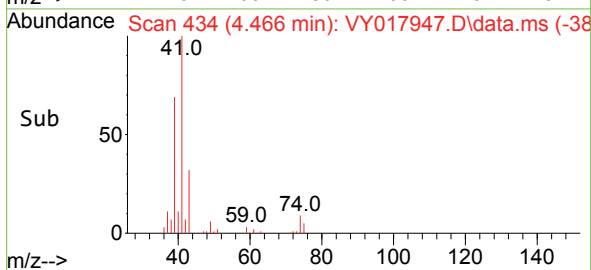
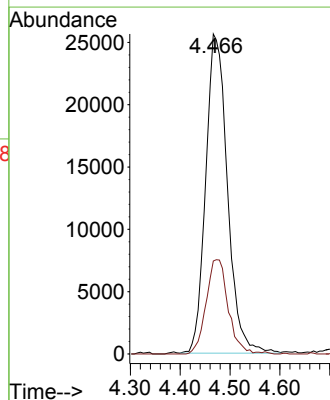
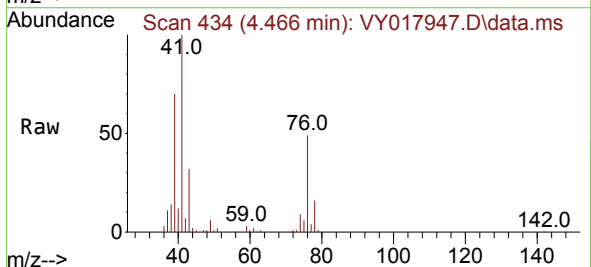
Acq: 16 Apr 2024 14:17

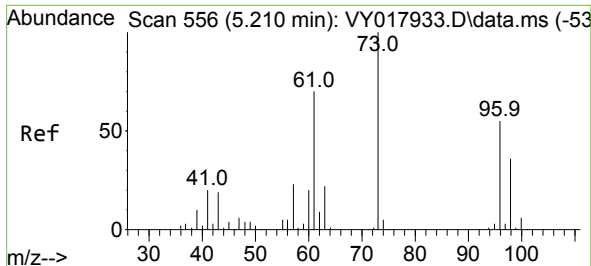
Tgt Ion: 43 Resp: 77592

Ion Ratio Lower Upper

43 100

74 29.8 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 46.656 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY017947.D

Acq: 16 Apr 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

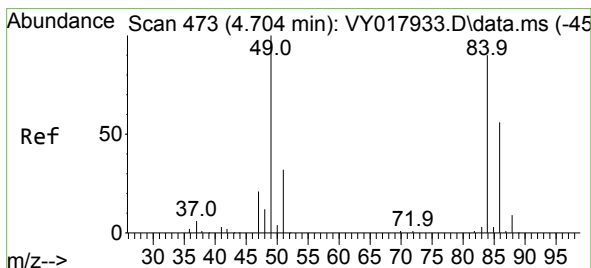
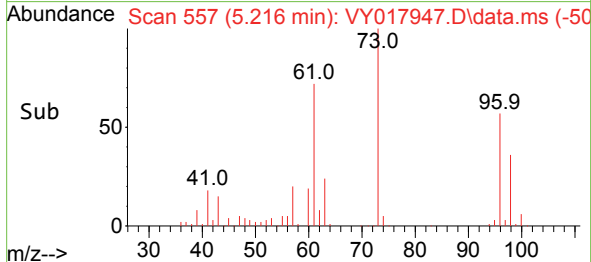
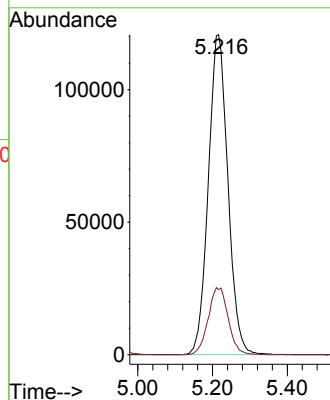
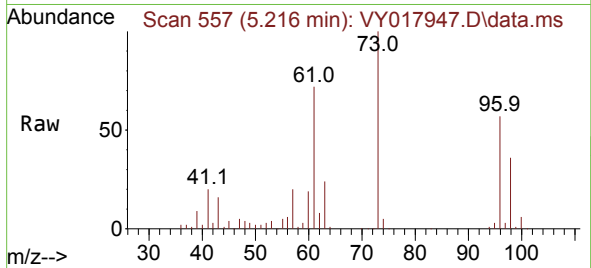
ICVVY041624

Tgt Ion: 73 Resp: 438949

Ion Ratio Lower Upper

73 100

57 20.4 17.3 25.9



#20

Methylene Chloride

Concen: 43.614 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY017947.D

Acq: 16 Apr 2024 14:17

Tgt Ion: 84 Resp: 216057

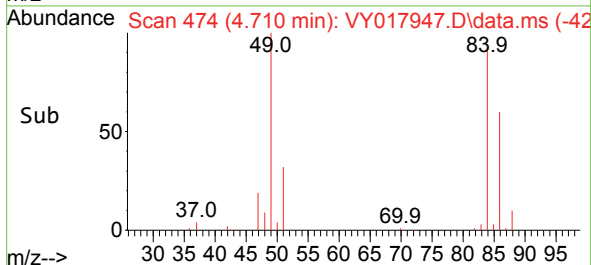
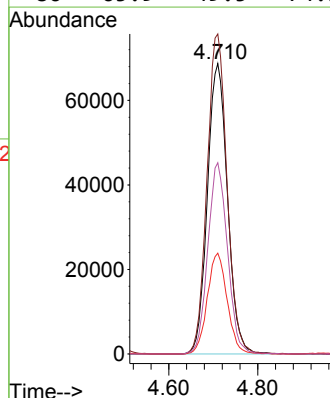
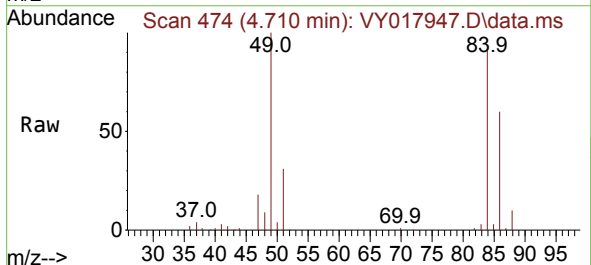
Ion Ratio Lower Upper

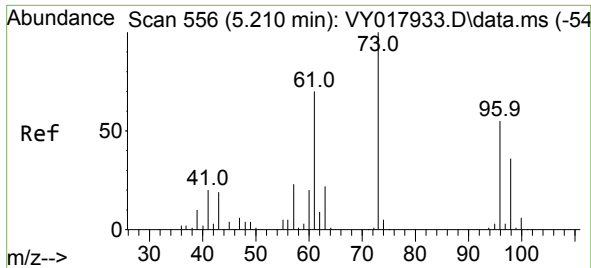
84 100

49 110.2 84.4 126.6

51 34.7 26.0 39.0

86 65.9 49.5 74.3

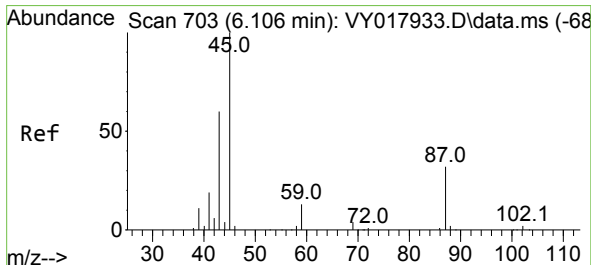
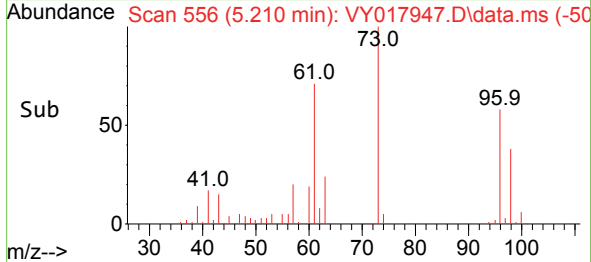
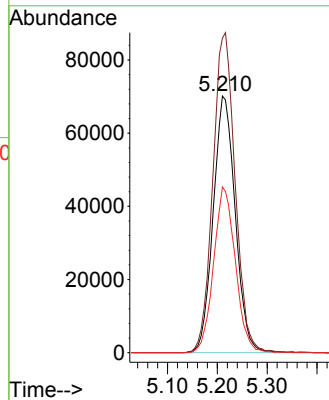
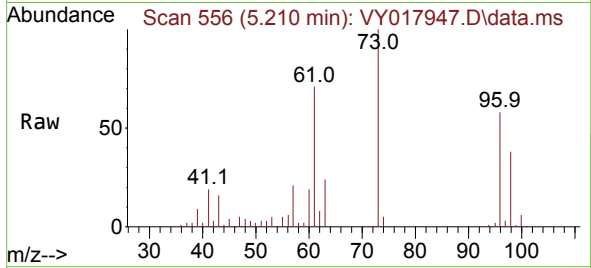




#21
trans-1,2-Dichloroethene
Concen: 45.579 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

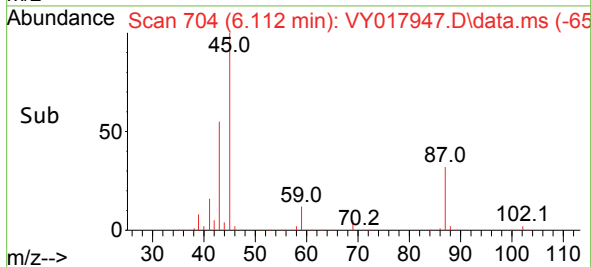
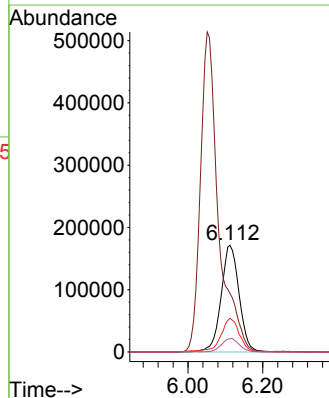
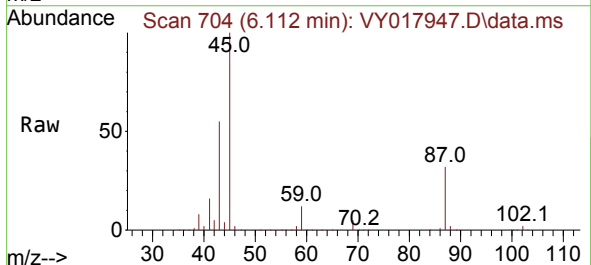
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041624

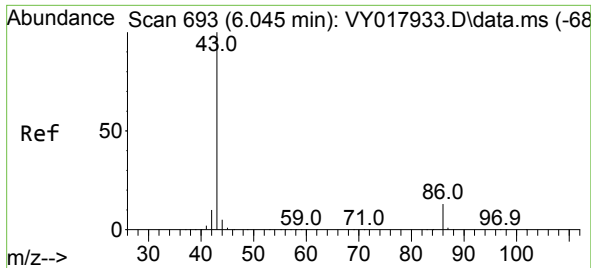
Tgt Ion: 96 Resp: 215542
Ion Ratio Lower Upper
96 100
61 122.6 97.5 146.3
98 64.6 50.5 75.7



#22
Diisopropyl ether
Concen: 46.805 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

Tgt Ion: 45 Resp: 573222
Ion Ratio Lower Upper
45 100
43 54.7 42.2 63.2
87 31.5 25.0 37.6
59 12.2 10.5 15.7

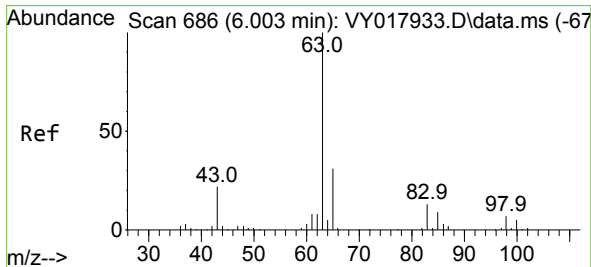
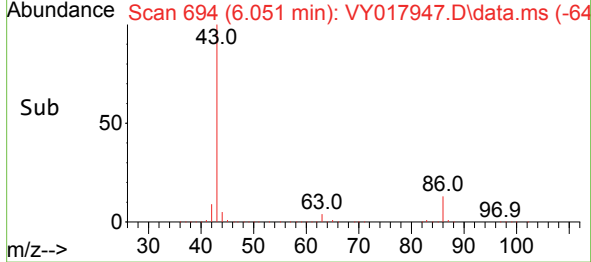
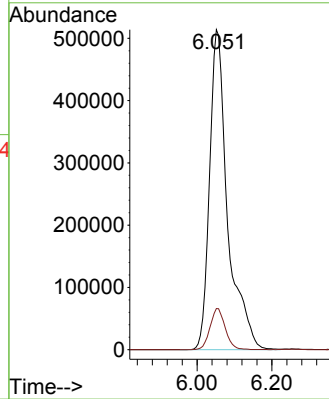
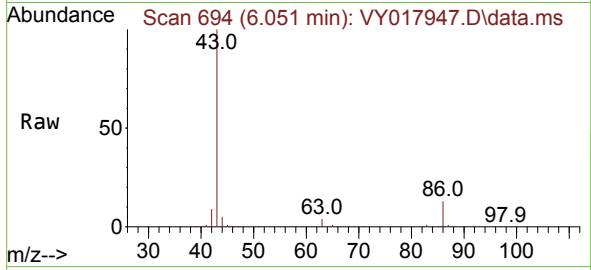




#23
 Vinyl Acetate
 Concen: 237.638 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.012 min
 Lab File: VY017947.D
 Acq: 16 Apr 2024 14:17

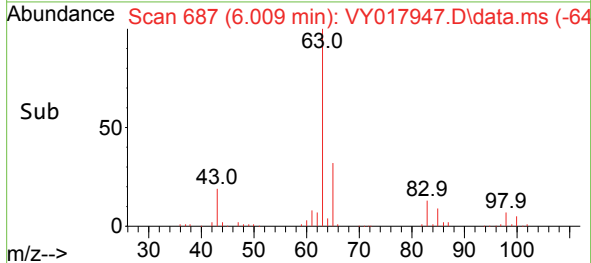
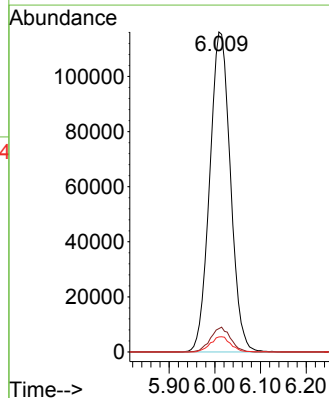
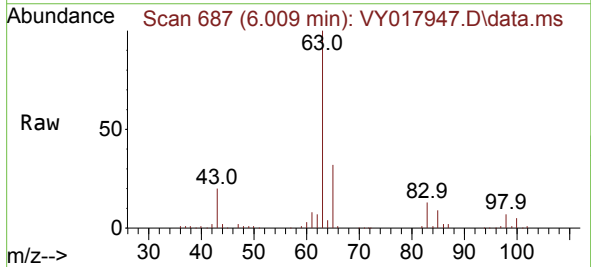
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY041624

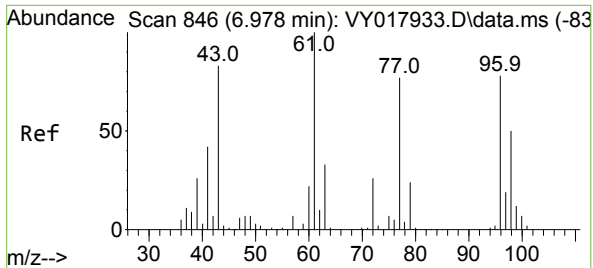
Tgt Ion: 43 Resp: 1725825
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 45.738 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY017947.D
 Acq: 16 Apr 2024 14:17

Tgt Ion: 63 Resp: 365741
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.0 12.2
 100 4.7 2.6 8.0





#25

2-Butanone

Concen: 233.645 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY017947.D

Acq: 16 Apr 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

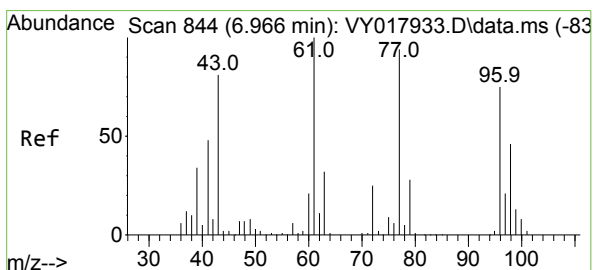
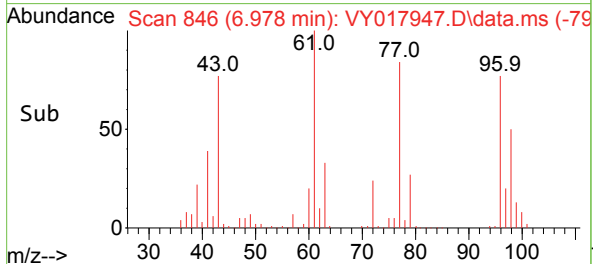
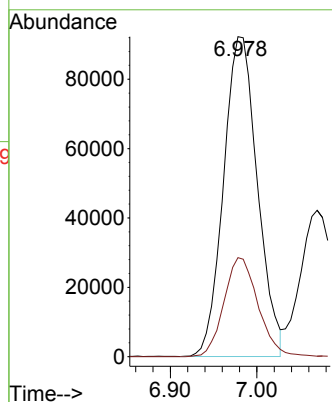
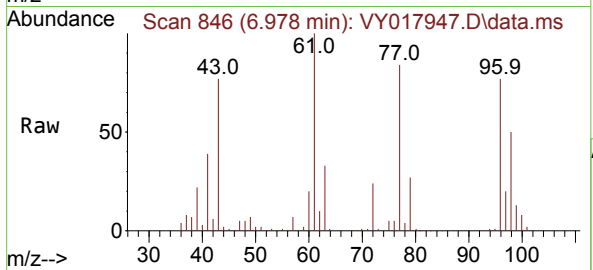
ICVY041624

Tgt Ion: 43 Resp: 251121

Ion Ratio Lower Upper

43 100

72 31.0 27.3 40.9



#26

2,2-Dichloropropane

Concen: 46.919 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY017947.D

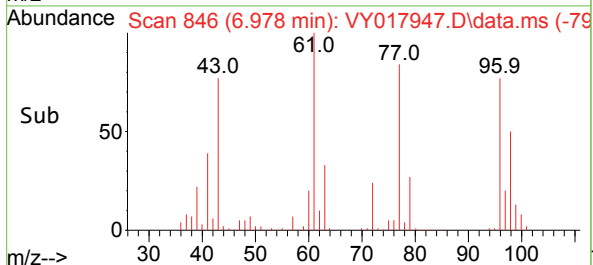
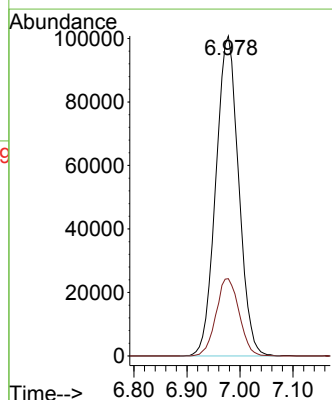
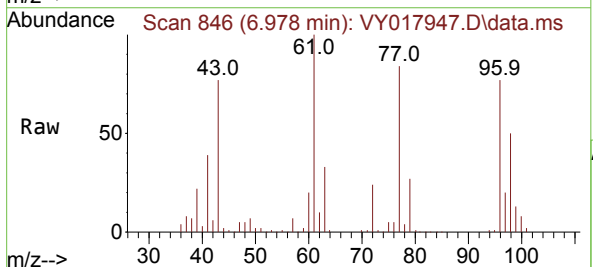
Acq: 16 Apr 2024 14:17

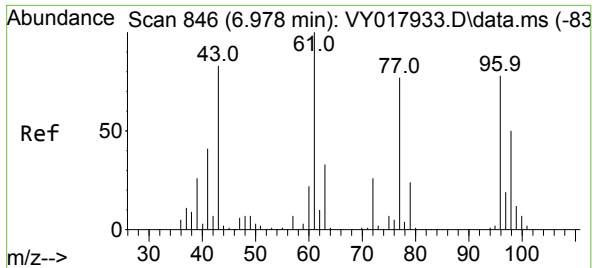
Tgt Ion: 77 Resp: 300998

Ion Ratio Lower Upper

77 100

97 24.5 12.0 36.1

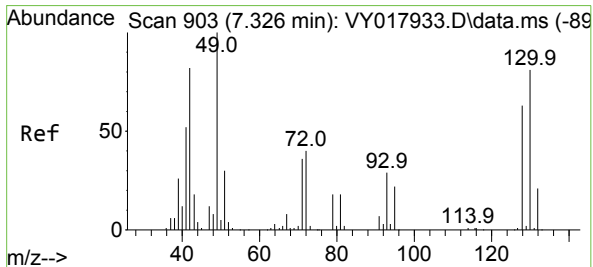
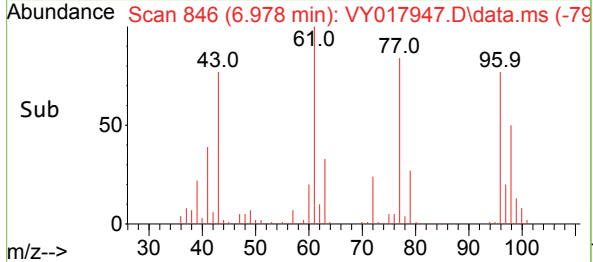
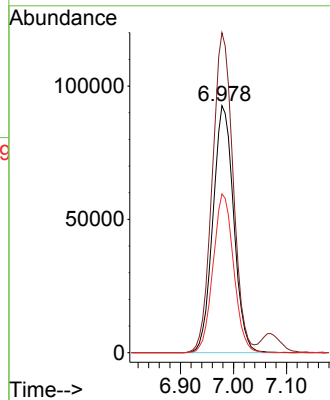
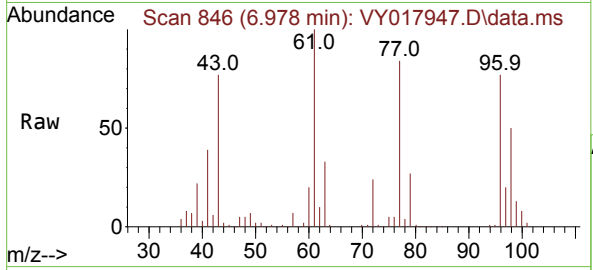




#27
 cis-1,2-Dichloroethene
 Concen: 46.609 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. -0.006 min
 Lab File: VY017947.D
 Acq: 16 Apr 2024 14:17

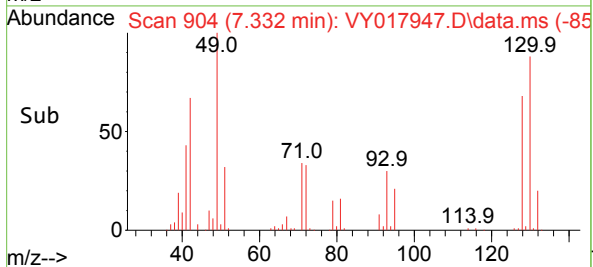
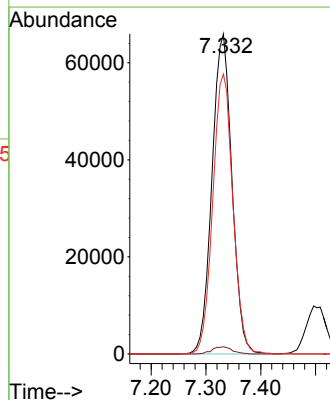
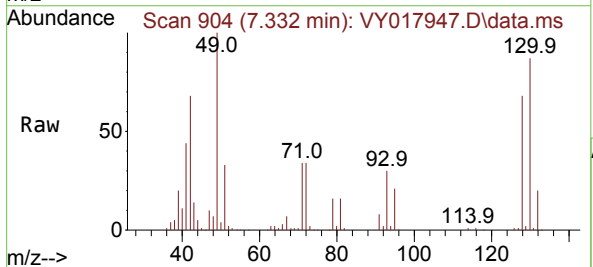
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY041624

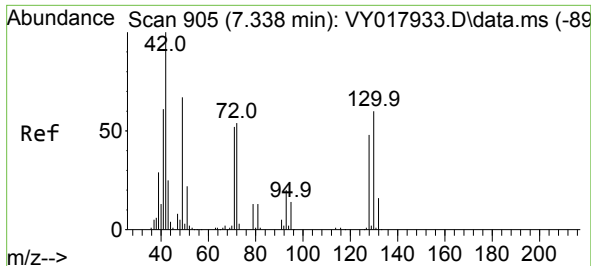
Tgt Ion:	96	Resp:	251732
Ion	Ratio	Lower	Upper
96	100		
61	129.8	0.0	256.2
98	63.7	0.0	130.0



#28
 Bromochloromethane
 Concen: 52.910 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.006 min
 Lab File: VY017947.D
 Acq: 16 Apr 2024 14:17

Tgt Ion:	49	Resp:	166425
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	88.1	72.7	109.1

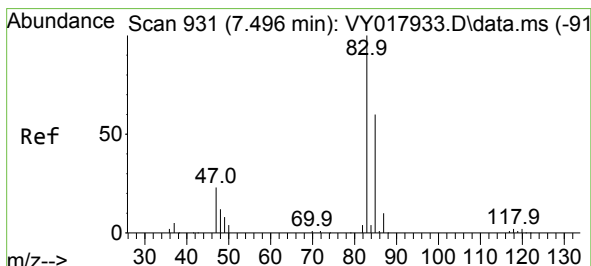
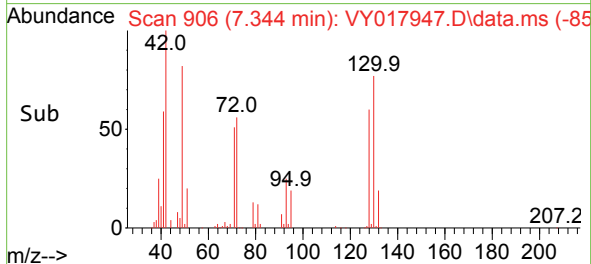
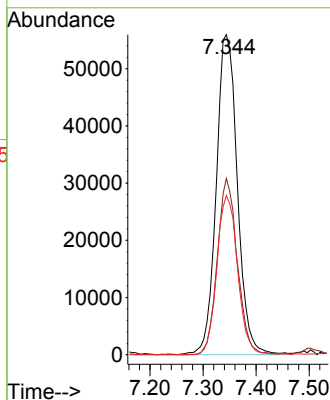
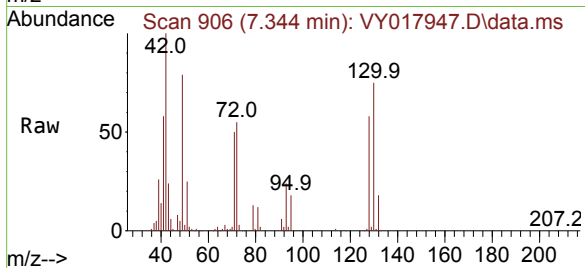




#29
Tetrahydrofuran
Concen: 227.280 ug/l
RT: 7.344 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

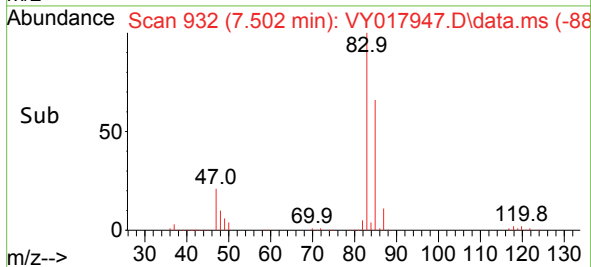
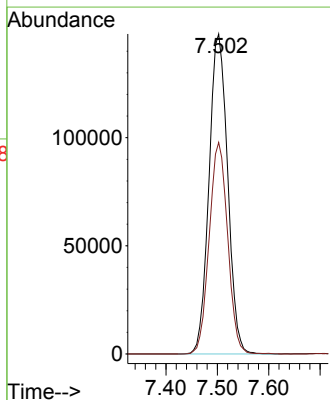
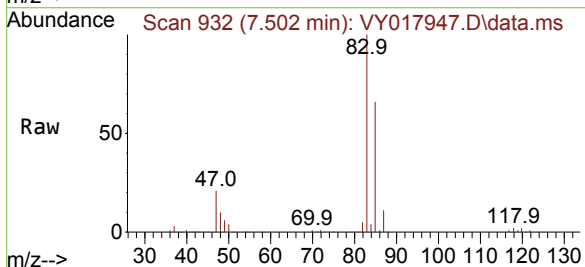
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041624

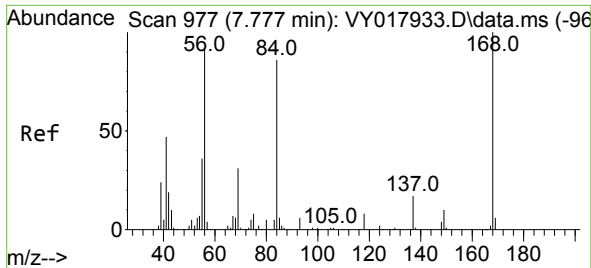
Tgt Ion: 42 Resp: 155019
Ion Ratio Lower Upper
42 100
72 52.2 43.0 64.4
71 48.6 40.8 61.2



#30
Chloroform
Concen: 45.461 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.006 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

Tgt Ion: 83 Resp: 371524
Ion Ratio Lower Upper
83 100
85 66.1 52.2 78.4

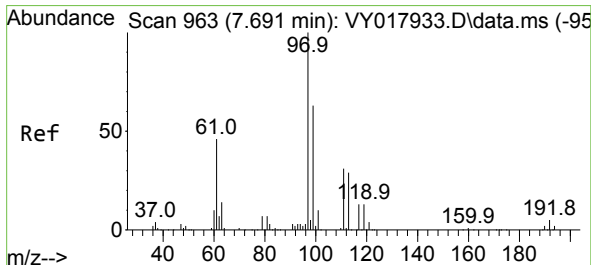
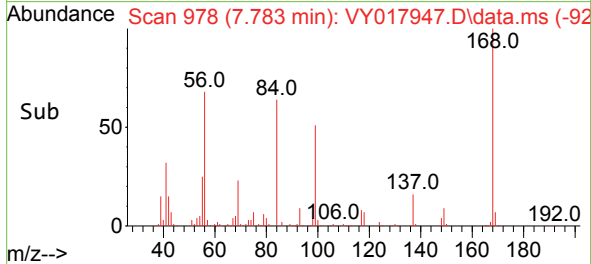
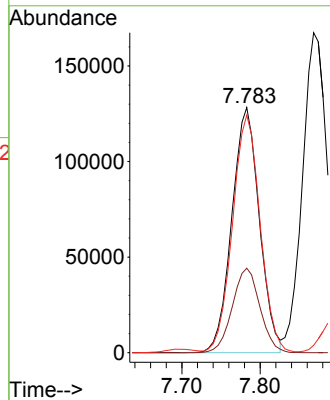
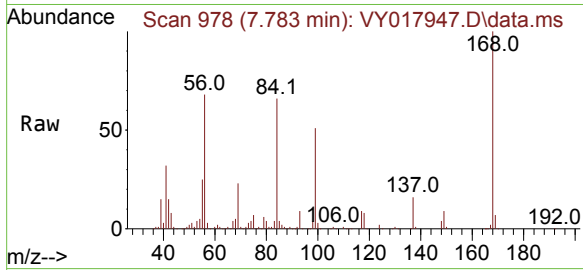




#31
Cyclohexane
Concen: 44.227 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

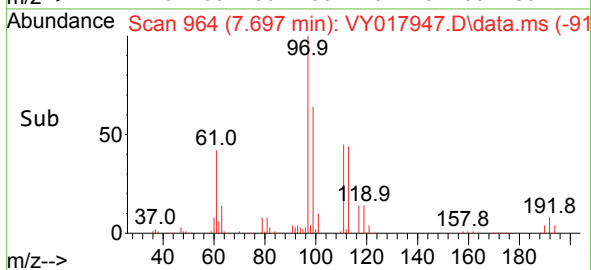
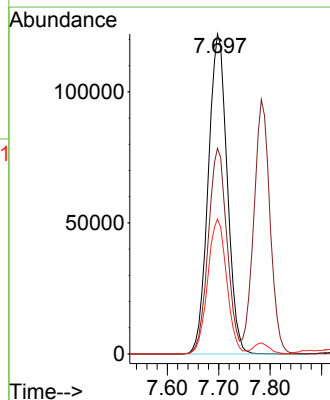
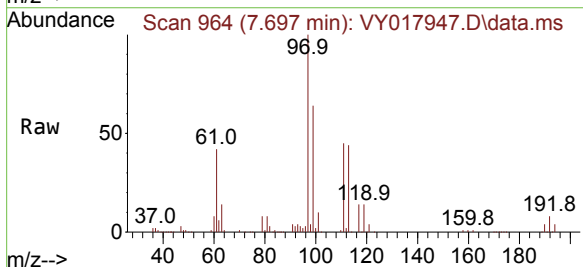
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041624

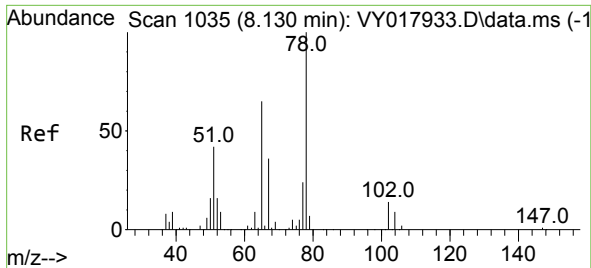
Tgt Ion: 56 Resp: 312838
Ion Ratio Lower Upper
56 100
69 34.5 28.7 43.1
84 95.5 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 45.900 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

Tgt Ion: 97 Resp: 312433
Ion Ratio Lower Upper
97 100
99 63.6 50.3 75.5
61 42.3 32.6 48.8

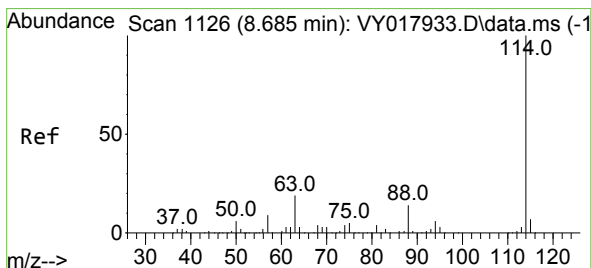
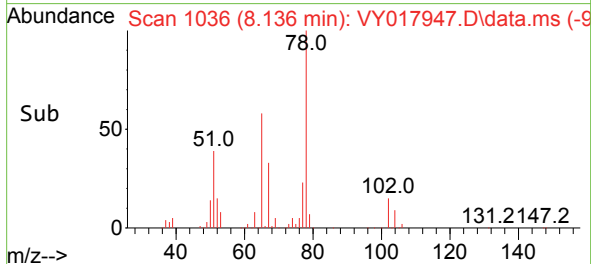
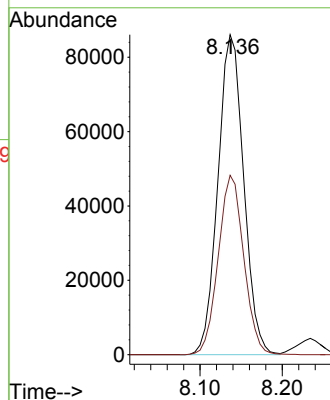
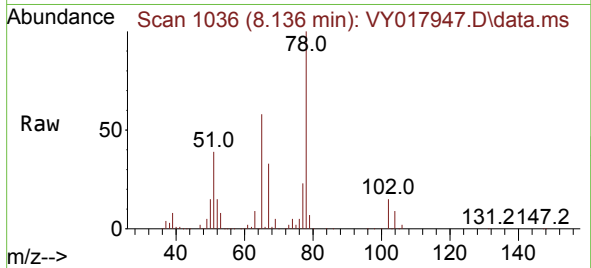




#33
1,2-Dichloroethane-d4
Concen: 50.716 ug/l
RT: 8.136 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

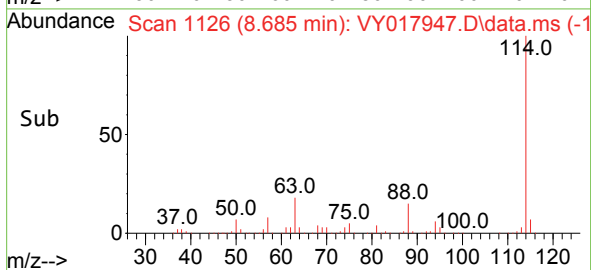
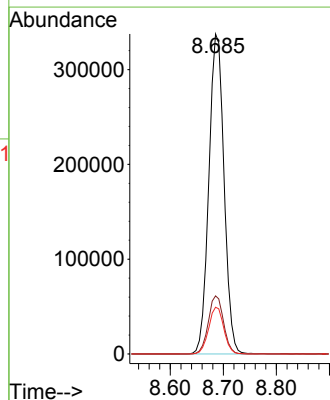
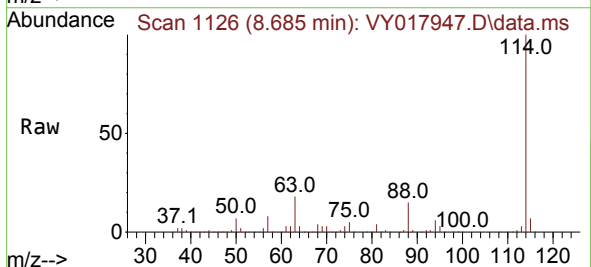
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041624

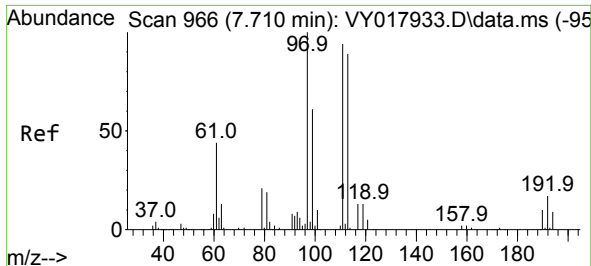
Tgt Ion: 65 Resp: 187686
Ion Ratio Lower Upper
65 100
67 55.6 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

Tgt Ion: 114 Resp: 670752
Ion Ratio Lower Upper
114 100
63 18.1 0.0 35.0
88 14.6 0.0 27.2

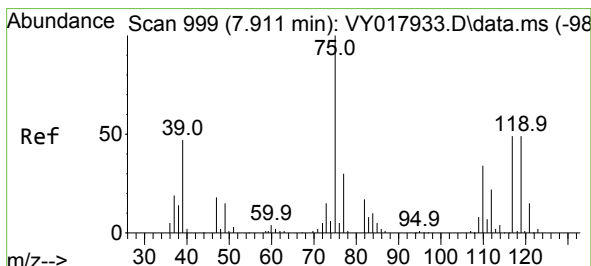
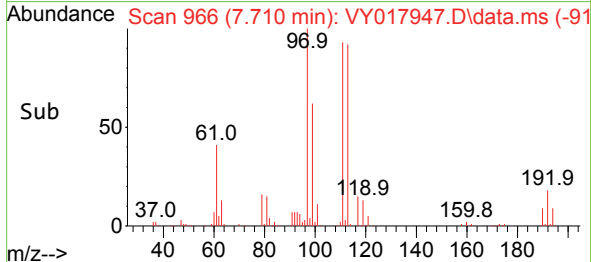
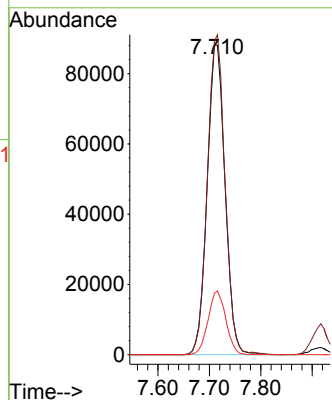
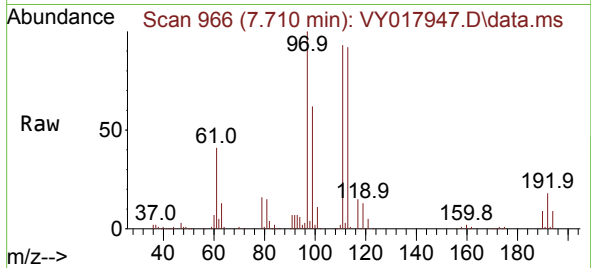




#35
Dibromofluoromethane
Concen: 51.364 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

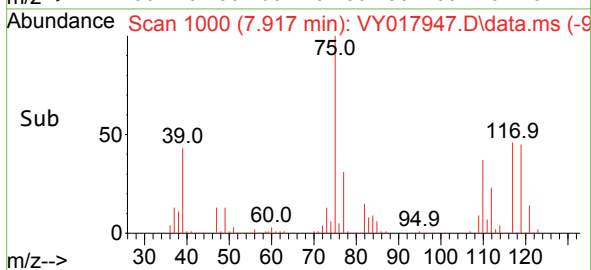
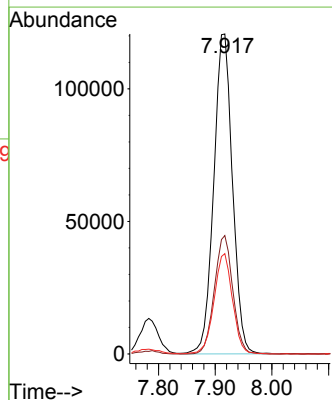
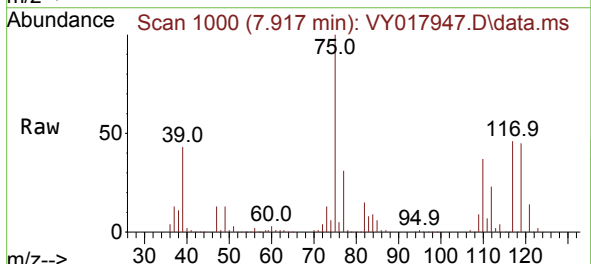
Instrument :
MSVOA_Y
ClientSampleId :
ICVY041624

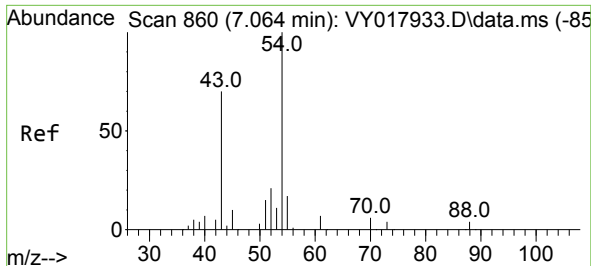
Tgt Ion:113 Resp: 212553
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 20.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 46.006 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

Tgt Ion: 75 Resp: 276865
Ion Ratio Lower Upper
75 100
110 36.4 19.0 57.0
77 31.1 25.3 37.9





#37

Ethyl Acetate

Concen: 47.163 ug/l

RT: 7.070 min Scan# 861

Delta R.T. -0.006 min

Lab File: VY017947.D

Acq: 16 Apr 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY041624

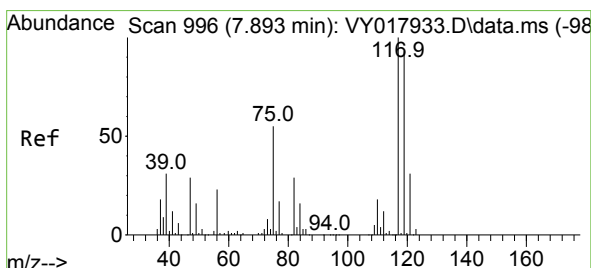
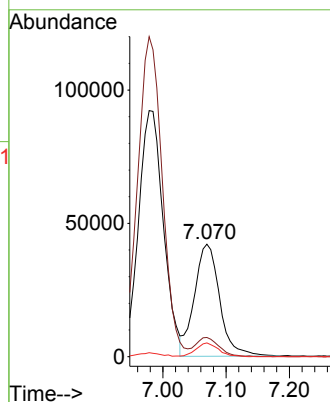
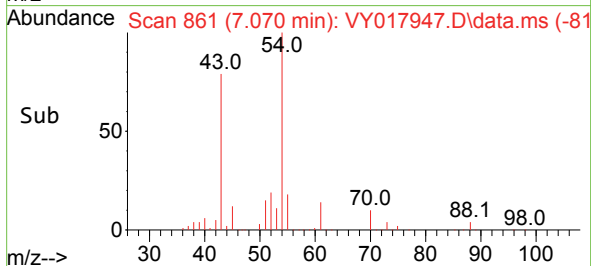
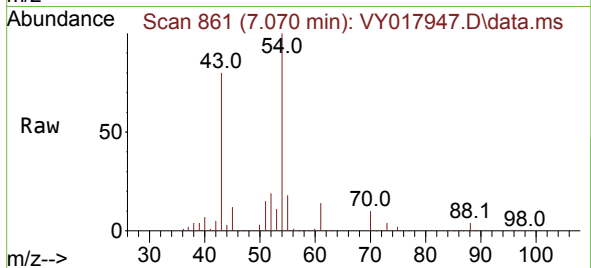
Tgt Ion: 43 Resp: 116775

Ion Ratio Lower Upper

43 100

61 15.9 12.6 19.0

70 11.0 7.8 11.8



#38

Carbon Tetrachloride

Concen: 46.349 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY017947.D

Acq: 16 Apr 2024 14:17

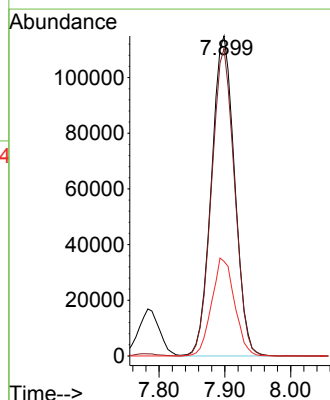
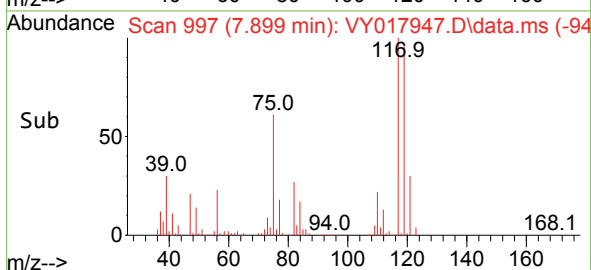
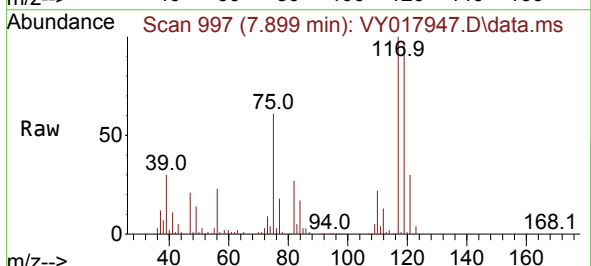
Tgt Ion: 117 Resp: 281800

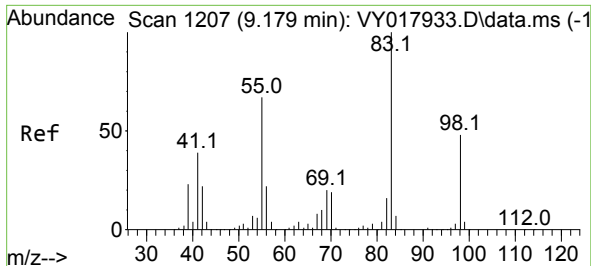
Ion Ratio Lower Upper

117 100

119 96.1 75.8 113.6

121 29.6 24.0 36.0





#39

Methylcyclohexane

Concen: 45.889 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017947.D

Acq: 16 Apr 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY041624

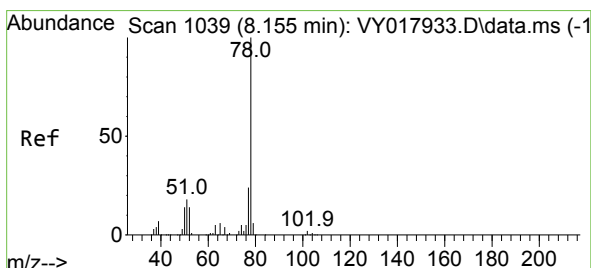
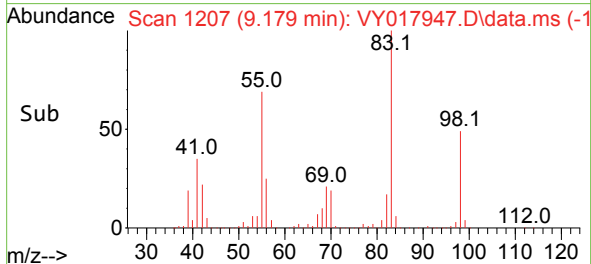
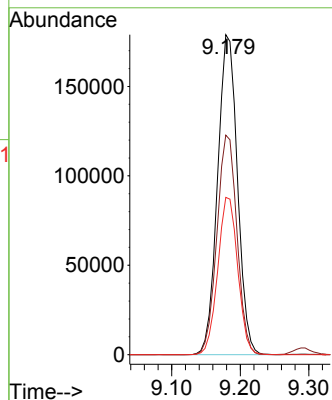
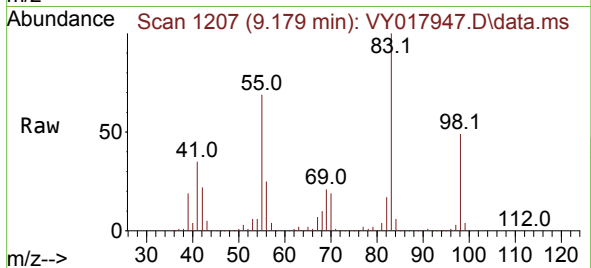
Tgt Ion: 83 Resp: 359882

Ion Ratio Lower Upper

83 100

55 68.6 51.5 77.3

98 49.2 40.5 60.7



#40

Benzene

Concen: 45.936 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY017947.D

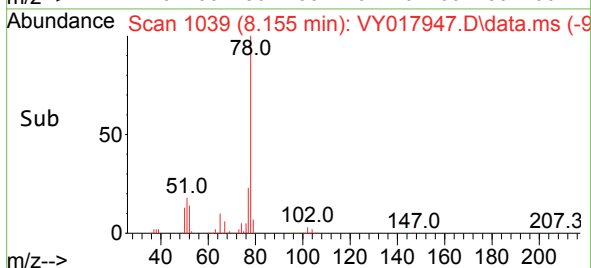
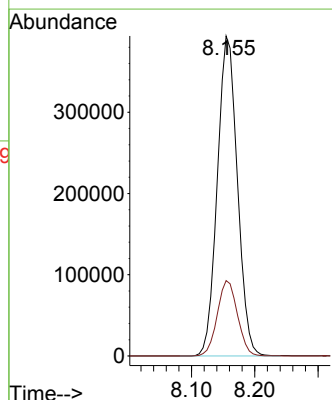
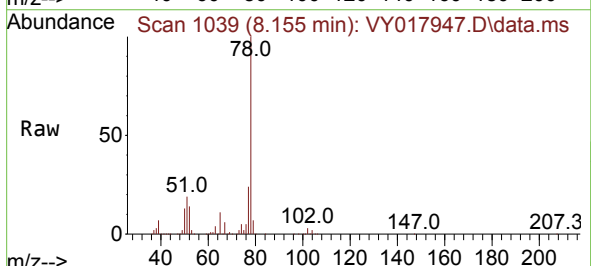
Acq: 16 Apr 2024 14:17

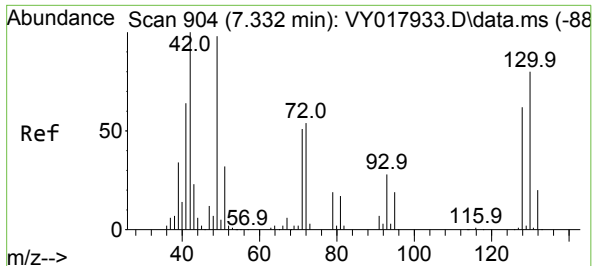
Tgt Ion: 78 Resp: 865916

Ion Ratio Lower Upper

78 100

77 23.5 19.5 29.3

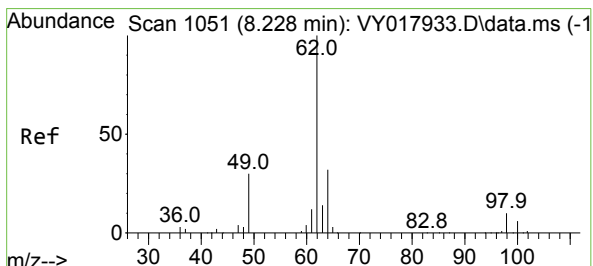
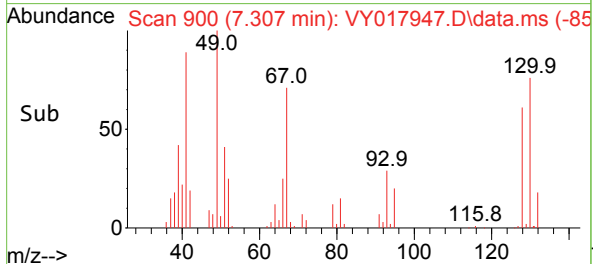
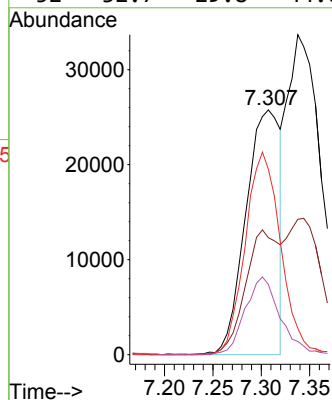
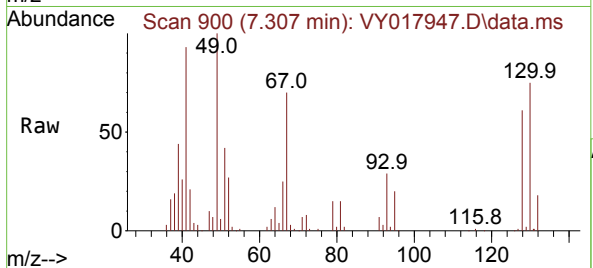




#41
Methacrylonitrile
Concen: 40.706 ug/l
RT: 7.307 min Scan# 904
Delta R.T. -0.024 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

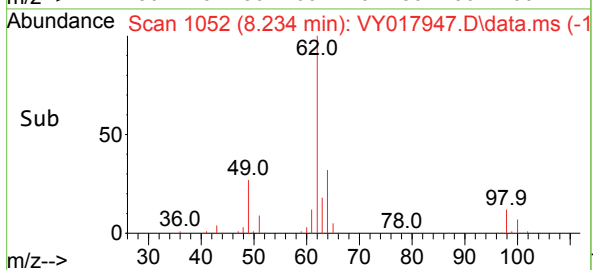
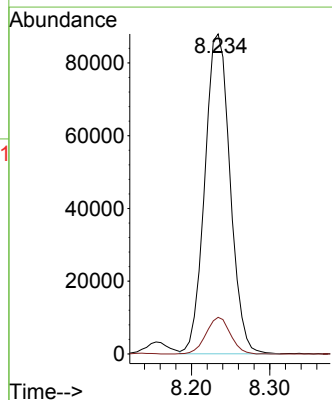
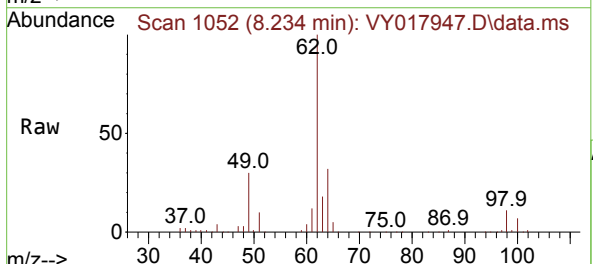
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041624

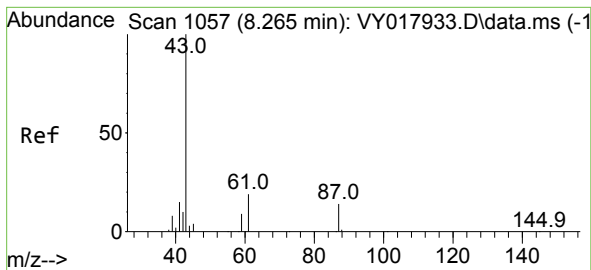
Tgt Ion: 41 Resp: 63597
Ion Ratio Lower Upper
41 100
39 49.9 48.0 72.0
67 86.3 75.1 112.7
52 32.7 29.8 44.6



#42
1,2-Dichloroethane
Concen: 45.610 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

Tgt Ion: 62 Resp: 196999
Ion Ratio Lower Upper
62 100
98 11.0 0.0 22.0





#43

Isopropyl Acetate

Concen: 45.846 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VY017947.D

Acq: 16 Apr 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY041624

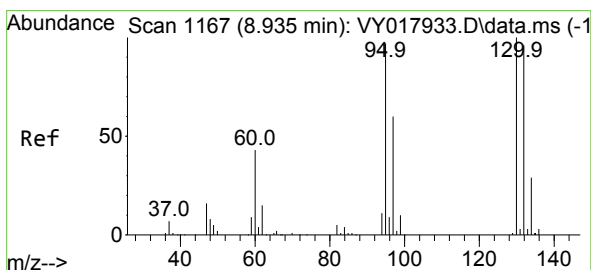
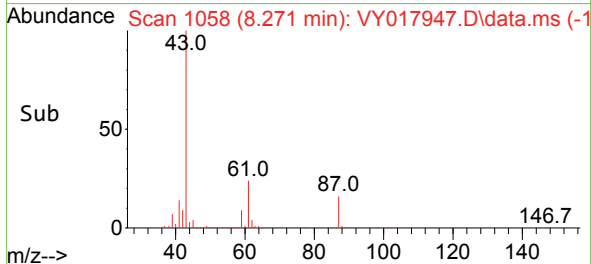
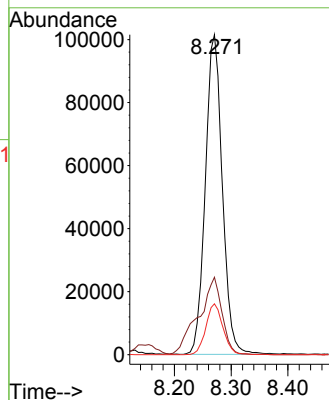
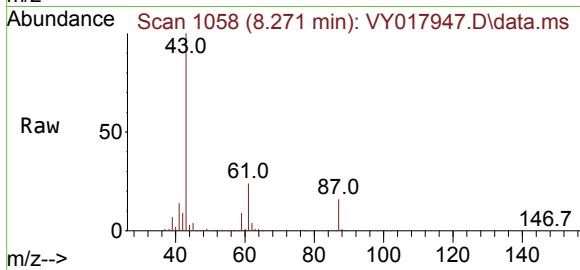
Tgt Ion: 43 Resp: 211598

Ion Ratio Lower Upper

43 100

61 33.6 27.9 41.9

87 16.0 13.1 19.7



#44

Trichloroethene

Concen: 45.807 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. -0.006 min

Lab File: VY017947.D

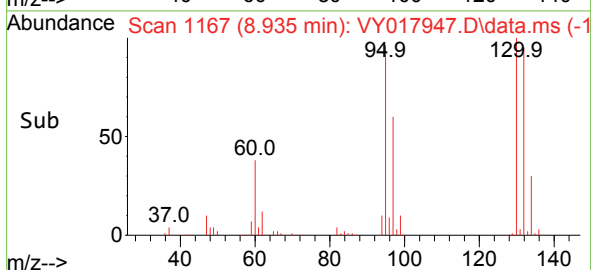
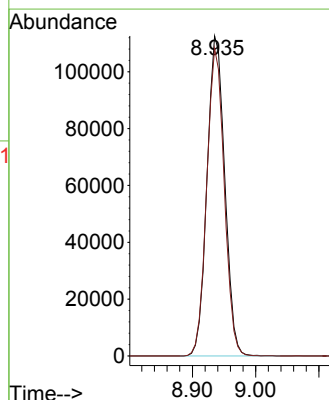
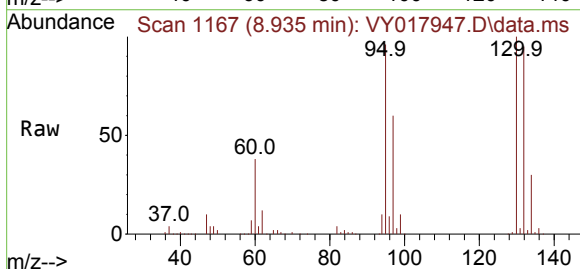
Acq: 16 Apr 2024 14:17

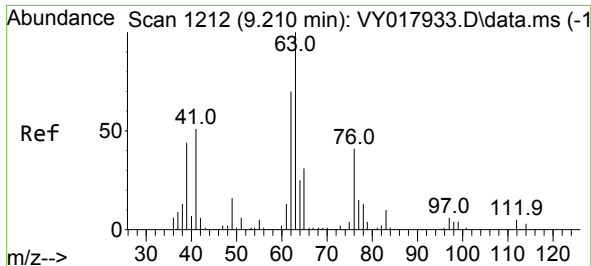
Tgt Ion:130 Resp: 219424

Ion Ratio Lower Upper

130 100

95 96.1 0.0 188.0

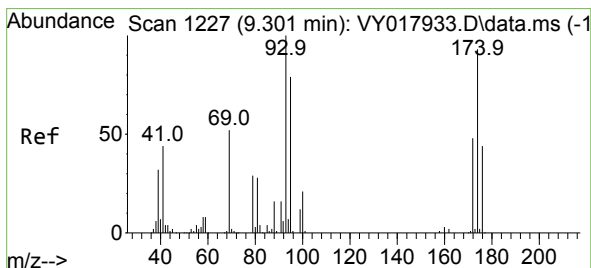
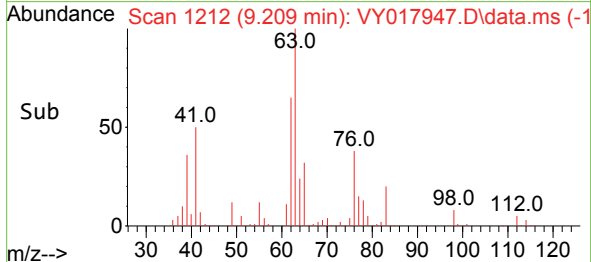
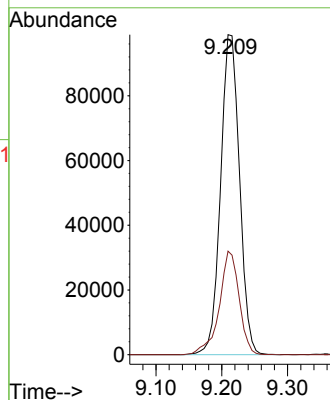
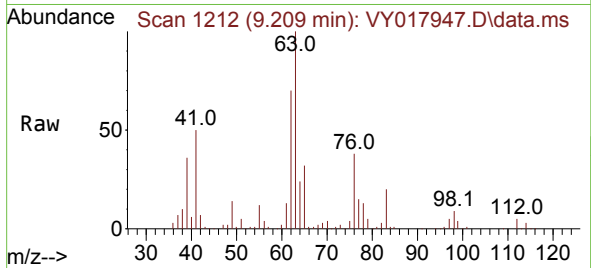




#45
1,2-Dichloropropane
Concen: 45.637 ug/l
RT: 9.209 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

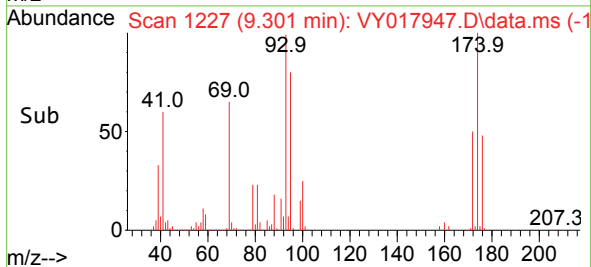
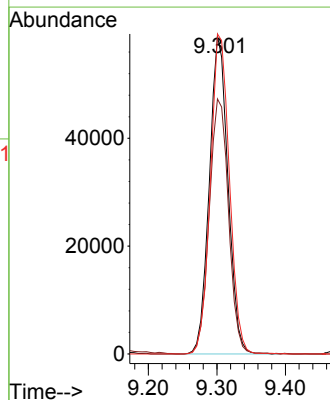
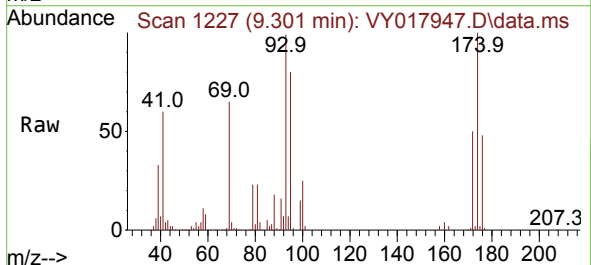
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041624

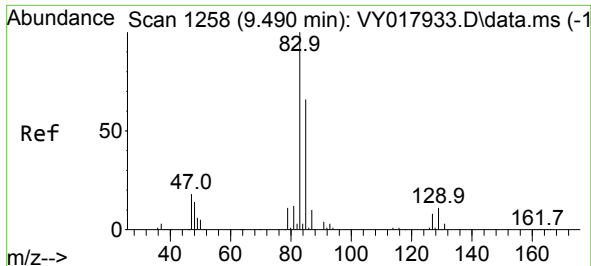
Tgt Ion: 63 Resp: 198029
Ion Ratio Lower Upper
63 100
65 32.4 25.4 38.2



#46
Dibromomethane
Concen: 46.358 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

Tgt Ion: 93 Resp: 111270
Ion Ratio Lower Upper
93 100
95 83.0 66.2 99.4
174 102.6 80.9 121.3

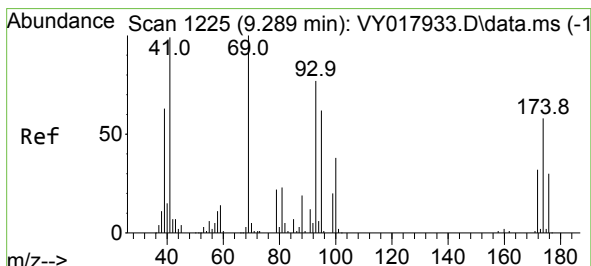
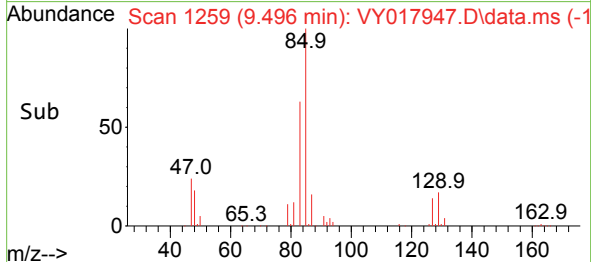
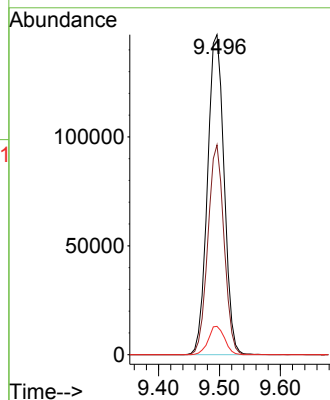
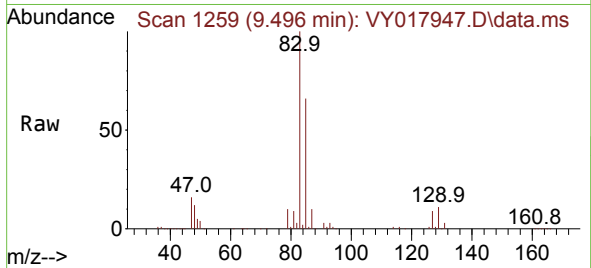




#47
Bromodichloromethane
Concen: 46.202 ug/l
RT: 9.496 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

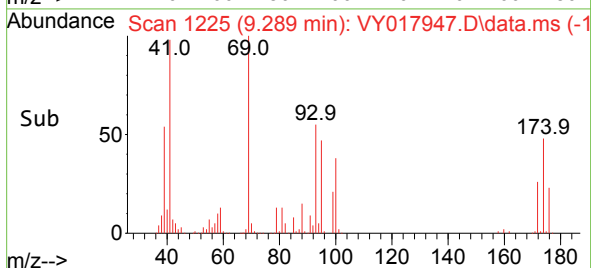
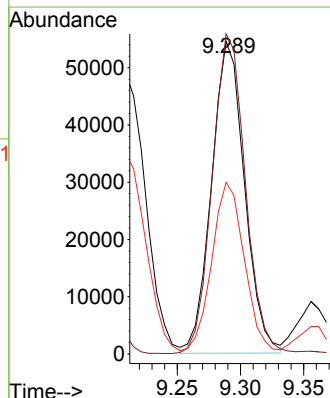
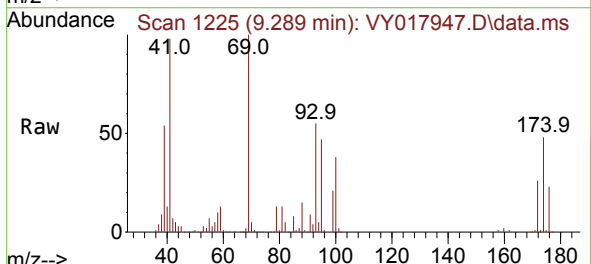
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041624

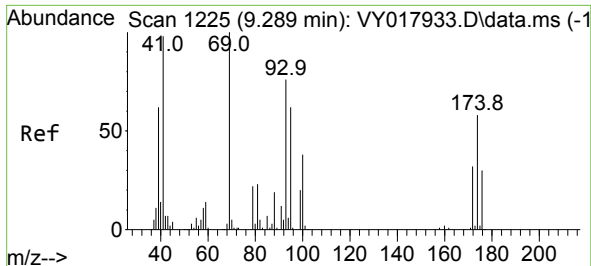
Tgt Ion: 83 Resp: 278215
Ion Ratio Lower Upper
83 100
85 65.5 50.1 75.1
127 8.9 7.4 11.0



#48
Methyl methacrylate
Concen: 46.749 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

Tgt Ion: 41 Resp: 98869
Ion Ratio Lower Upper
41 100
69 102.8 84.1 126.1
39 52.5 43.6 65.4





#49

1,4-Dioxane

Concen: 919.862 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017947.D

Acq: 16 Apr 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY041624

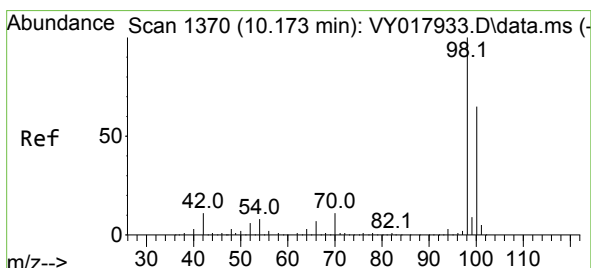
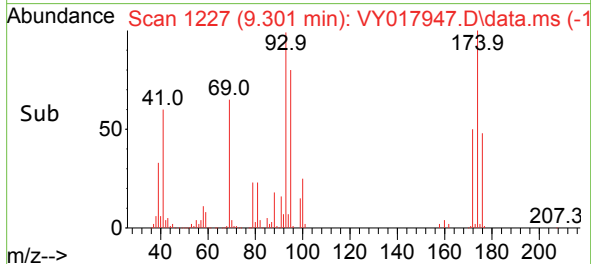
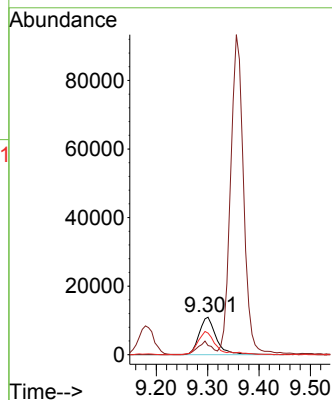
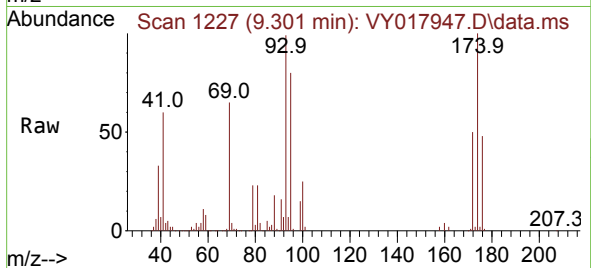
Tgt Ion: 88 Resp: 25205

Ion Ratio Lower Upper

88 100

43 27.8 0.0 0.0#

58 66.1 49.3 73.9



#50

Toluene-d8

Concen: 52.643 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY017947.D

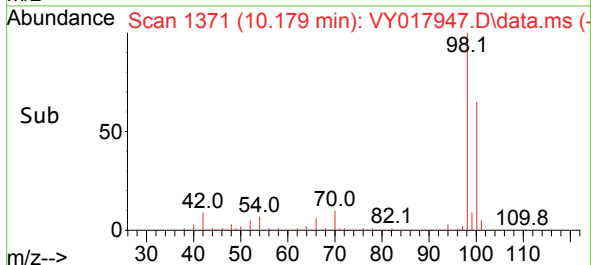
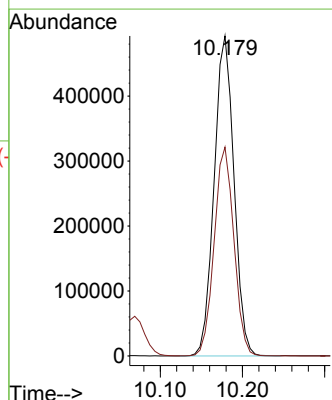
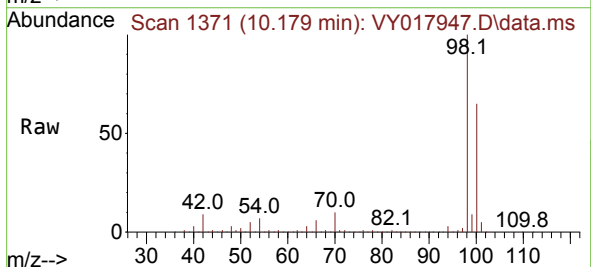
Acq: 16 Apr 2024 14:17

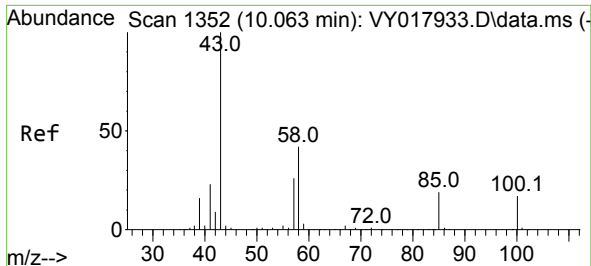
Tgt Ion: 98 Resp: 826611

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0

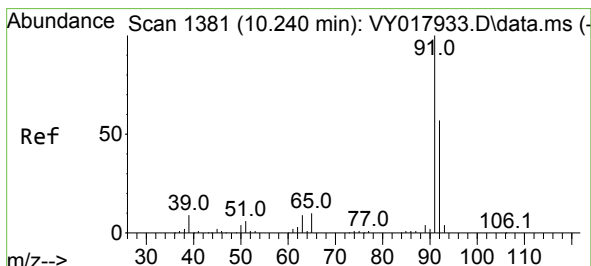
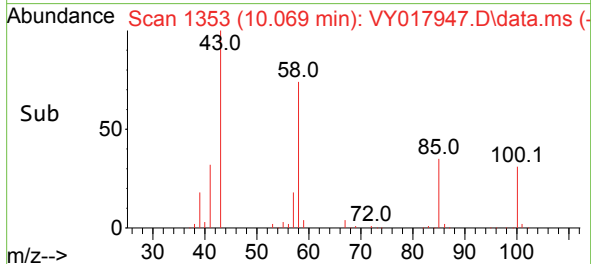
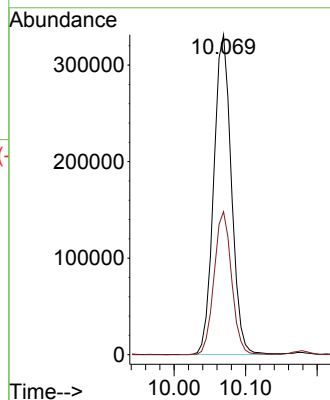
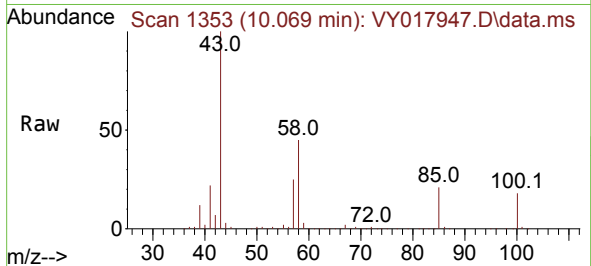




#51
4-Methyl-2-Pentanone
Concen: 232.517 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

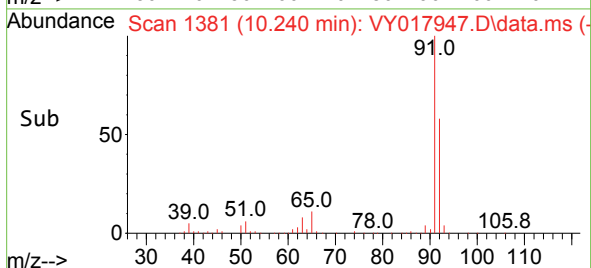
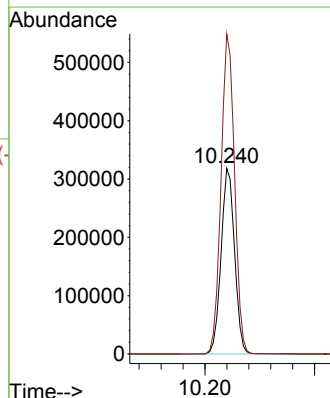
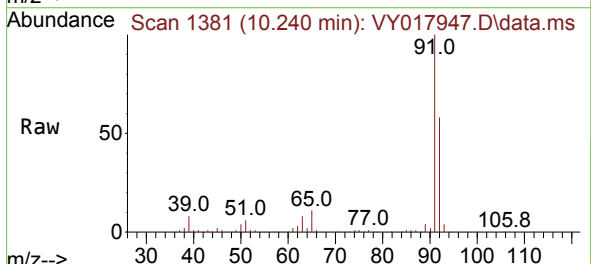
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041624

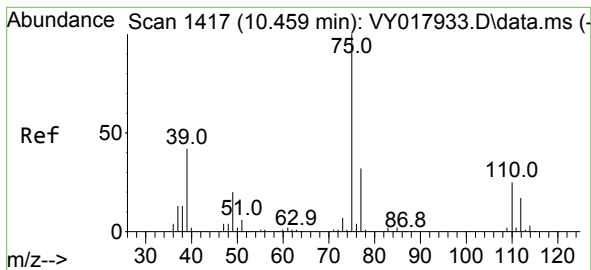
Tgt Ion: 43 Resp: 568906
Ion Ratio Lower Upper
43 100
58 44.3 35.7 53.5



#52
Toluene
Concen: 47.105 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

Tgt Ion: 92 Resp: 544875
Ion Ratio Lower Upper
92 100
91 173.0 139.0 208.6

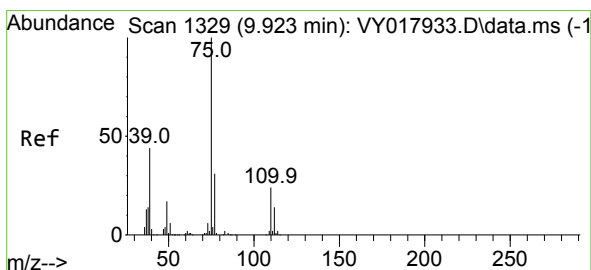
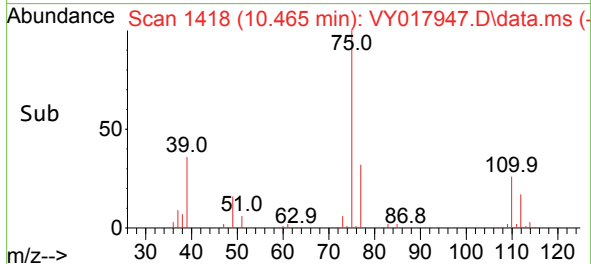
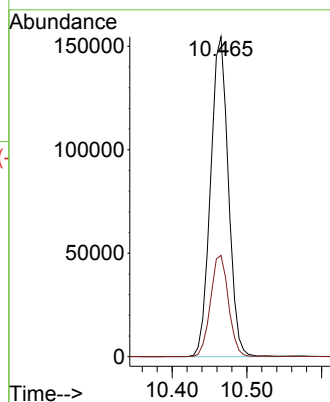
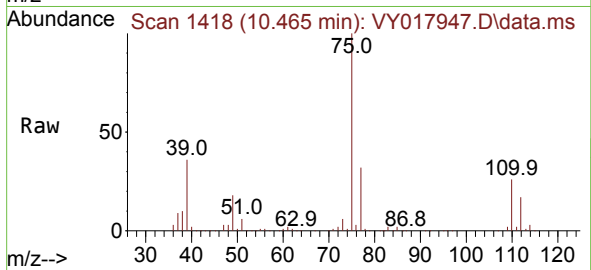




#53
 t-1,3-Dichloropropene
 Concen: 46.646 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY017947.D
 Acq: 16 Apr 2024 14:17

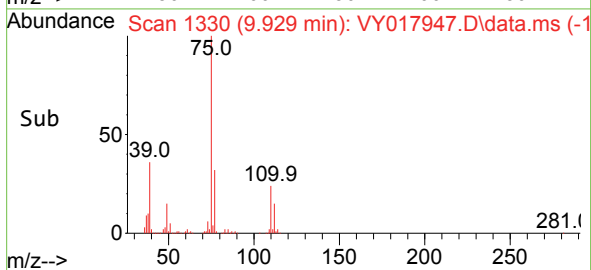
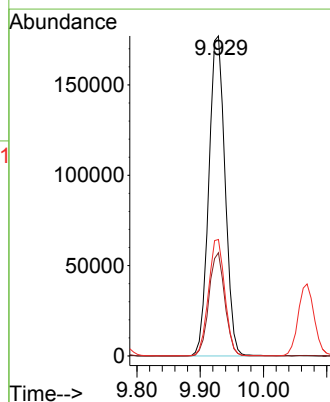
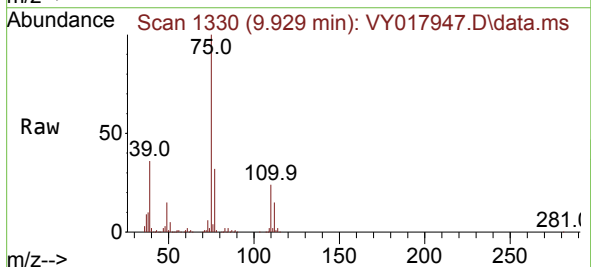
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY041624

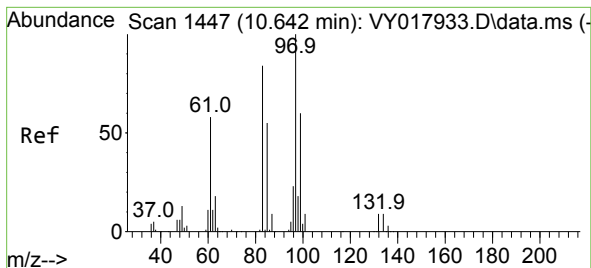
Tgt Ion: 75 Resp: 256434
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 46.871 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY017947.D
 Acq: 16 Apr 2024 14:17

Tgt Ion: 75 Resp: 316538
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.0
 39 36.3 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 45.409 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY017947.D

Acq: 16 Apr 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY041624

Tgt Ion: 97 Resp: 148159

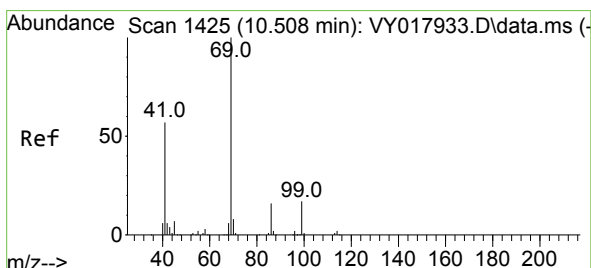
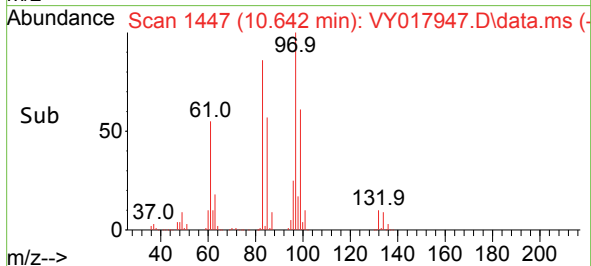
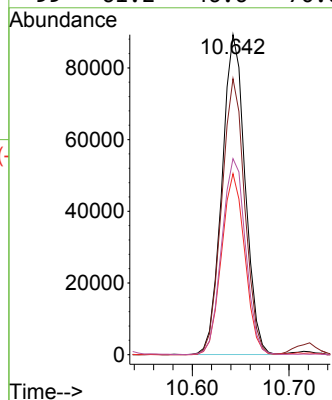
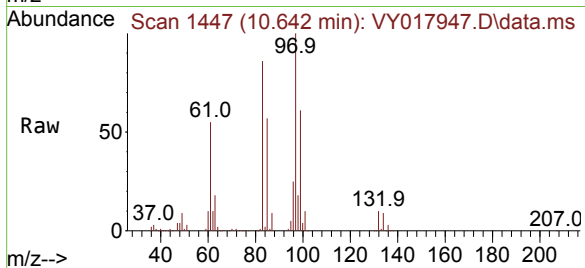
Ion Ratio Lower Upper

97 100

83 86.3 67.5 101.3

85 56.6 42.9 64.3

99 61.2 46.6 70.0



#56

Ethyl methacrylate

Concen: 47.485 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY017947.D

Acq: 16 Apr 2024 14:17

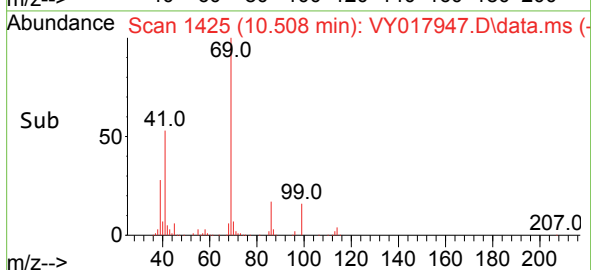
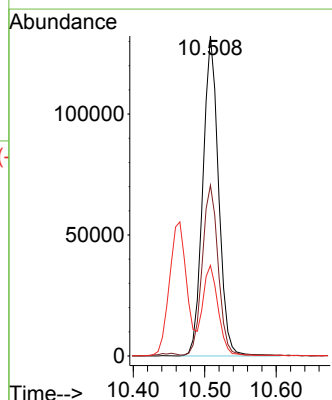
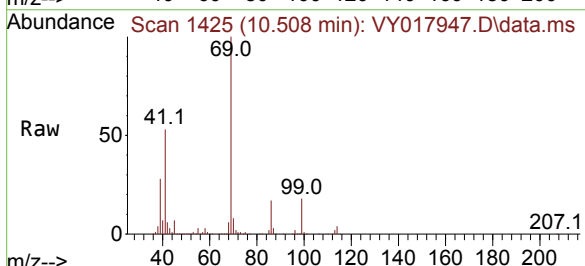
Tgt Ion: 69 Resp: 201985

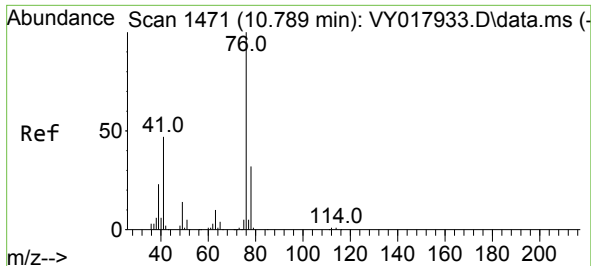
Ion Ratio Lower Upper

69 100

41 53.8 42.3 63.5

39 26.8 22.9 34.3





#57

1,3-Dichloropropane

Concen: 45.704 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY017947.D

Acq: 16 Apr 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

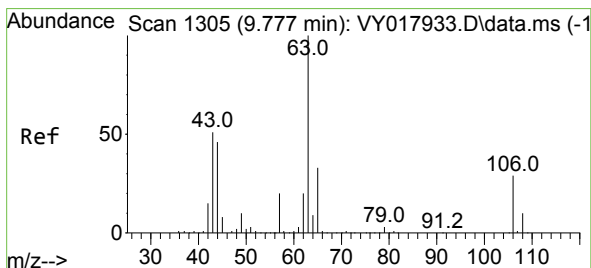
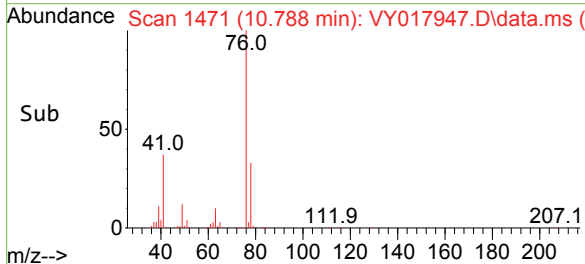
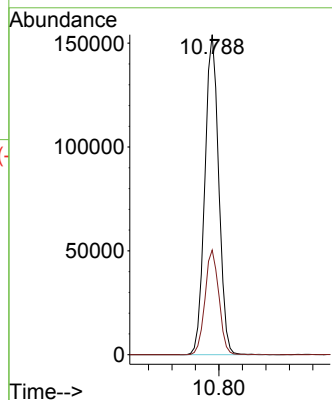
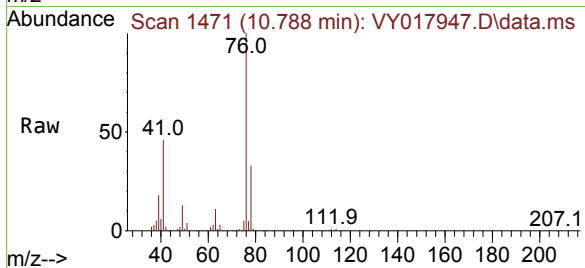
ICVVY041624

Tgt Ion: 76 Resp: 252509

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 266.770 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY017947.D

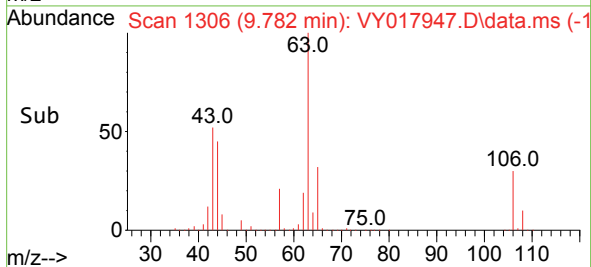
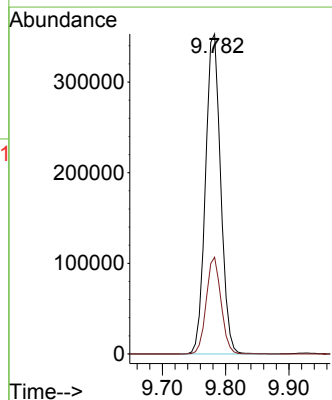
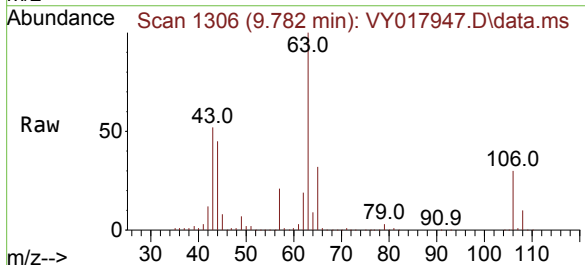
Acq: 16 Apr 2024 14:17

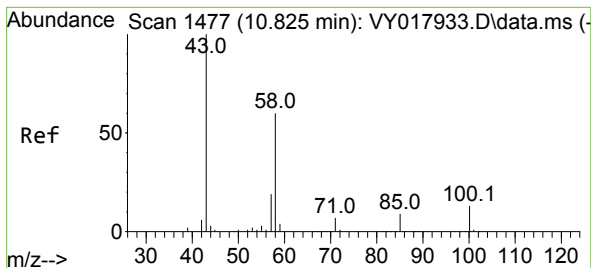
Tgt Ion: 63 Resp: 589845

Ion Ratio Lower Upper

63 100

106 29.5 23.7 35.5

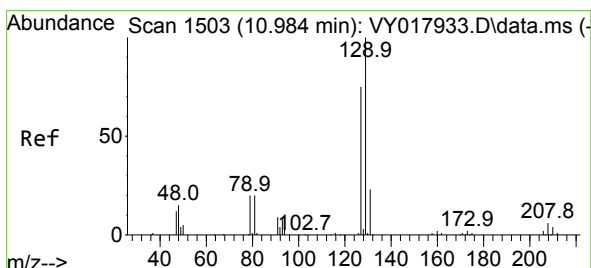
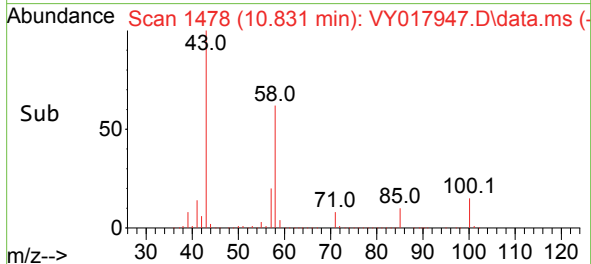
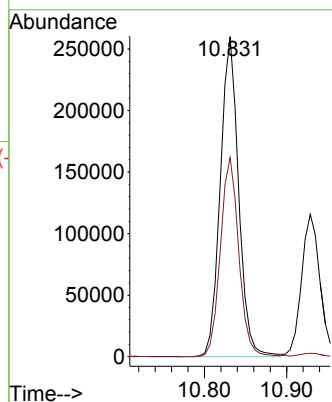
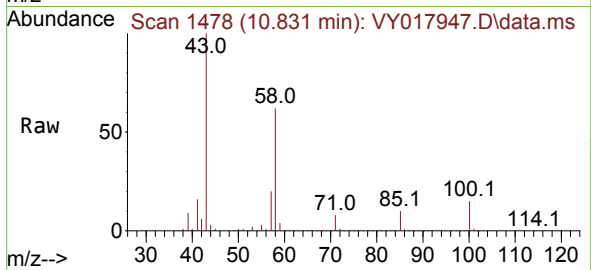




#59
2-Hexanone
Concen: 241.092 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

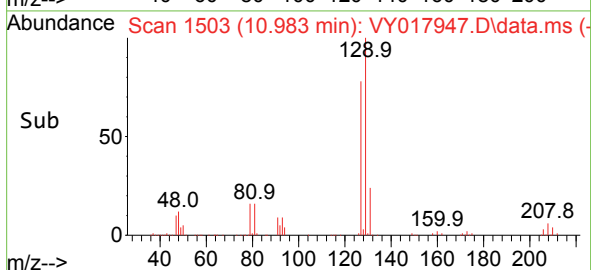
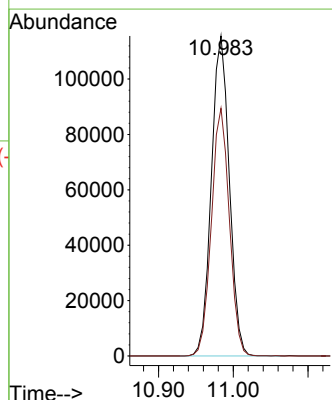
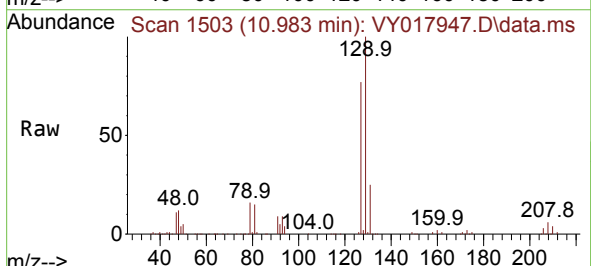
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041624

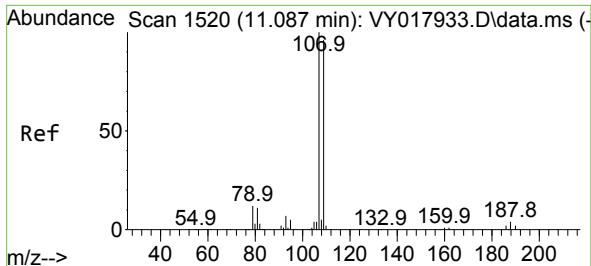
Tgt Ion: 43 Resp: 402674
Ion Ratio Lower Upper
43 100
58 62.6 31.4 94.0



#60
Dibromochloromethane
Concen: 46.164 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

Tgt Ion: 129 Resp: 193582
Ion Ratio Lower Upper
129 100
127 77.2 39.0 117.0

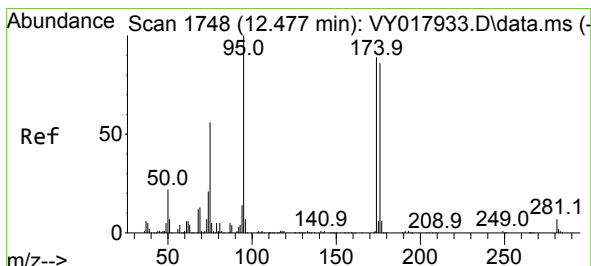
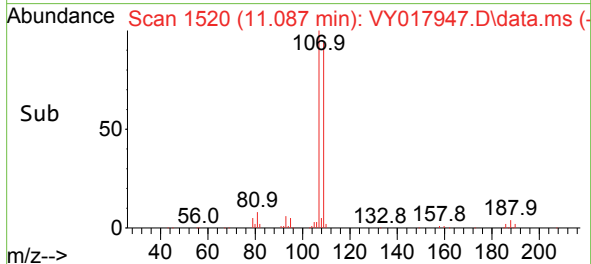
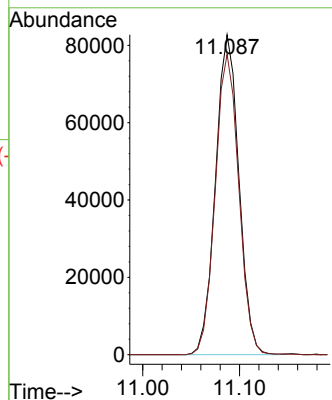
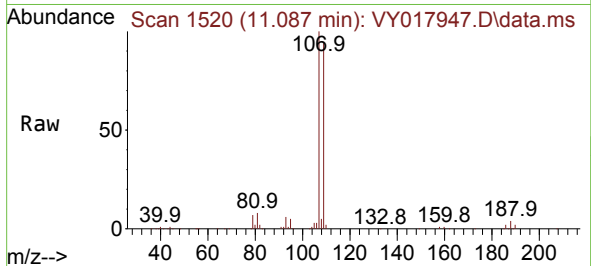




#61
1,2-Dibromoethane
Concen: 45.708 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

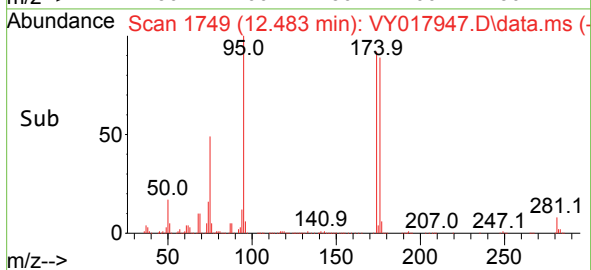
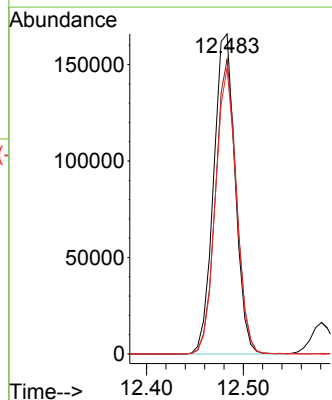
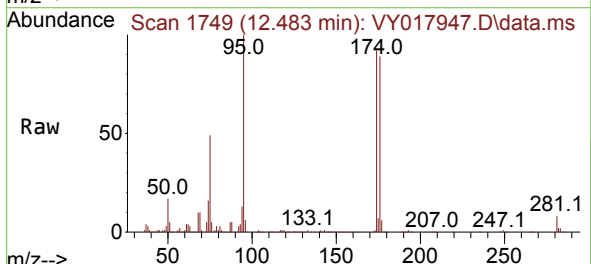
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041624

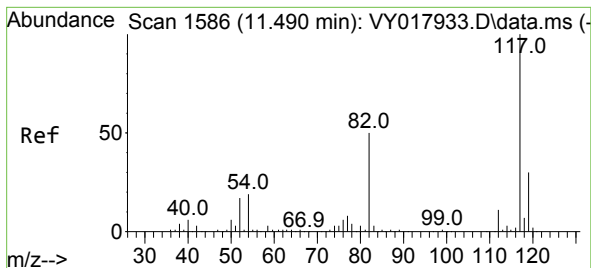
Tgt Ion:107 Resp: 138988
Ion Ratio Lower Upper
107 100
109 94.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 52.695 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

Tgt Ion: 95 Resp: 256257
Ion Ratio Lower Upper
95 100
174 89.7 0.0 175.6
176 87.0 0.0 171.4

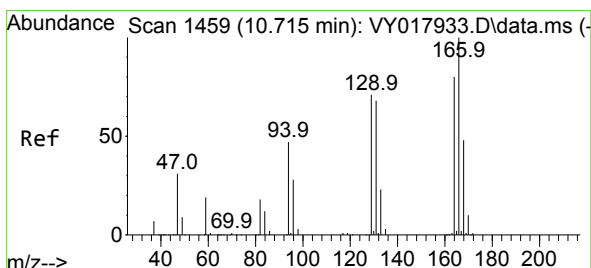
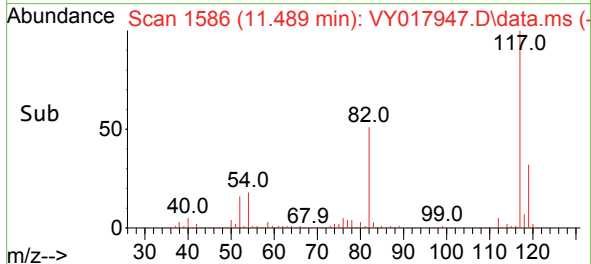
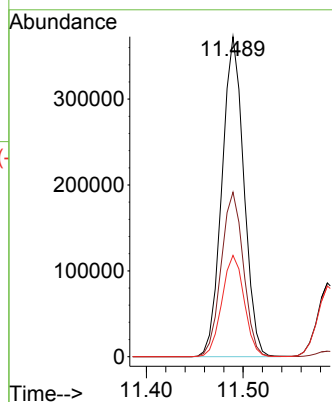
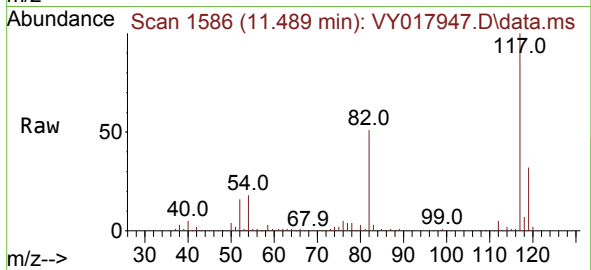




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

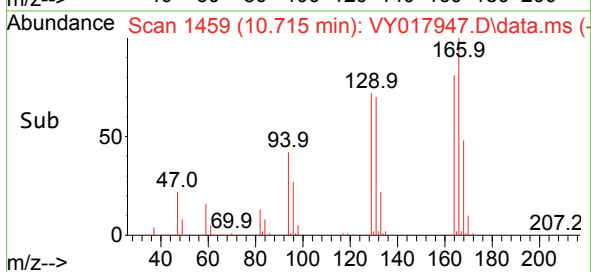
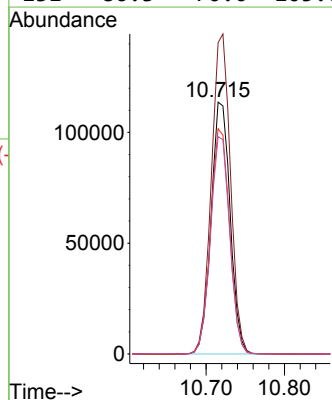
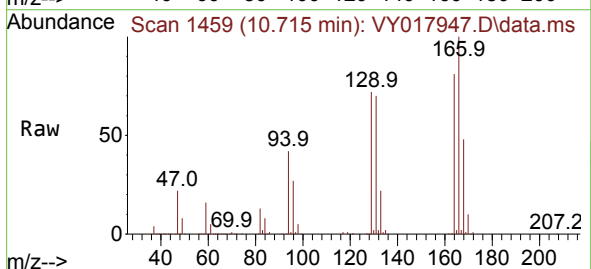
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041624

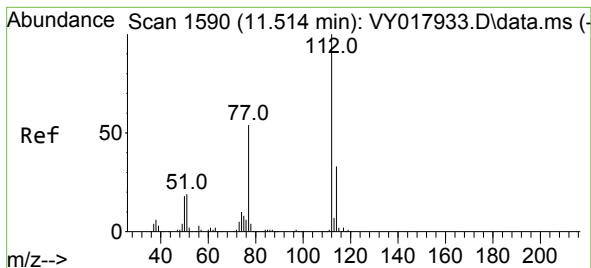
Tgt Ion:117 Resp: 584522
Ion Ratio Lower Upper
117 100
82 51.4 42.4 63.6
119 31.6 25.9 38.9



#64
Tetrachloroethene
Concen: 45.885 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

Tgt Ion:164 Resp: 192132
Ion Ratio Lower Upper
164 100
166 123.6 102.6 154.0
129 89.4 72.0 108.0
131 86.3 70.0 105.0





#65

Chlorobenzene

Concen: 46.400 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY017947.D

Acq: 16 Apr 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

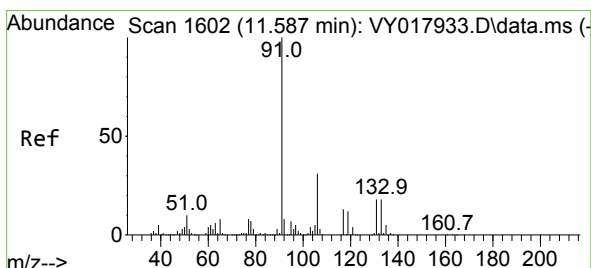
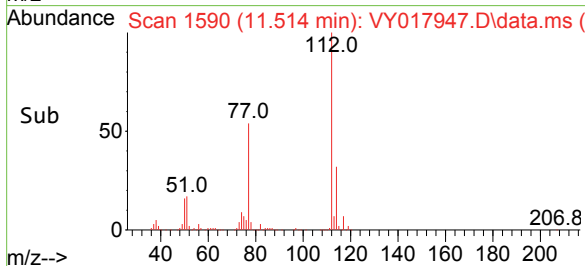
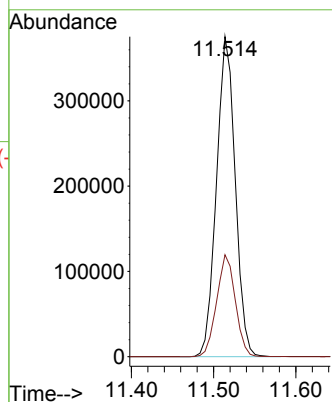
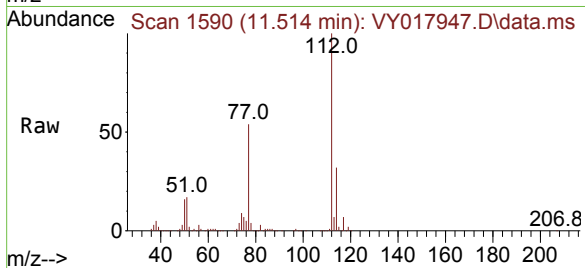
ICVVY041624

Tgt Ion:112 Resp: 594414

Ion Ratio Lower Upper

112 100

114 31.9 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 46.389 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY017947.D

Acq: 16 Apr 2024 14:17

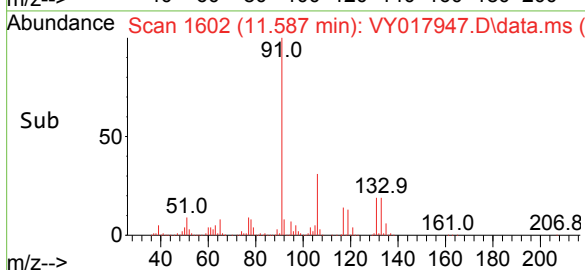
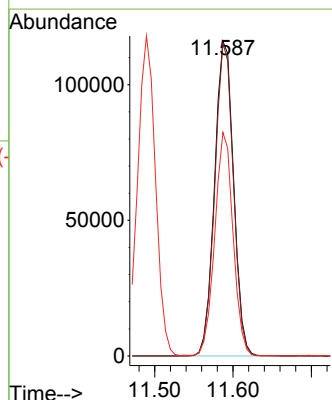
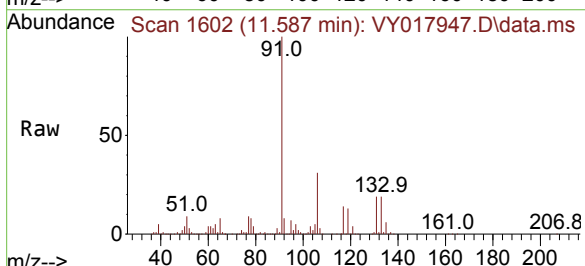
Tgt Ion:131 Resp: 195958

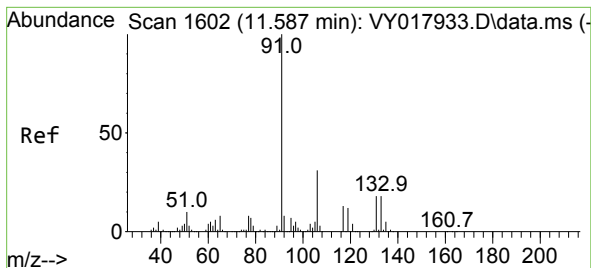
Ion Ratio Lower Upper

131 100

133 96.6 47.8 143.3

119 68.5 34.1 102.2





#67

Ethyl Benzene

Concen: 47.523 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017947.D

Acq: 16 Apr 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

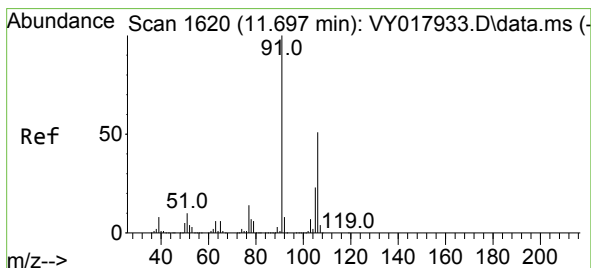
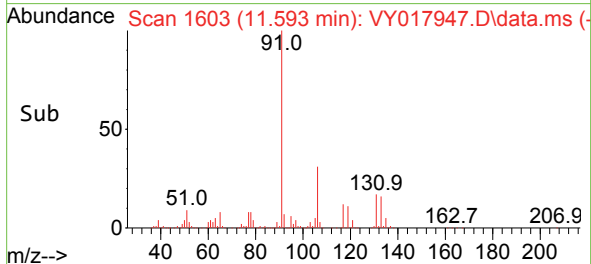
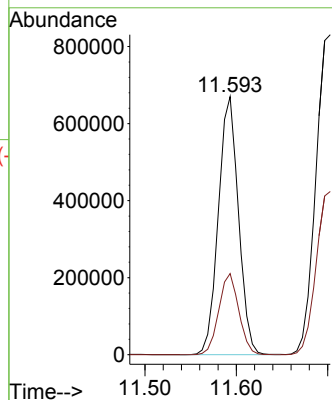
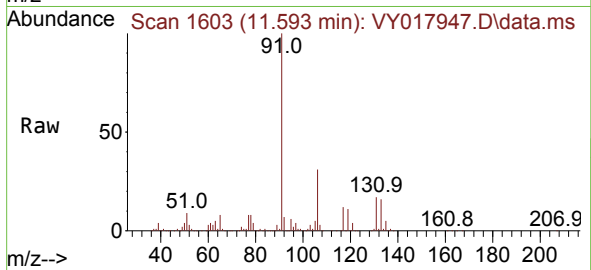
ICVVY041624

Tgt Ion: 91 Resp: 1025090

Ion Ratio Lower Upper

91 100

106 31.4 24.5 36.7



#68

m/p-Xylenes

Concen: 95.546 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY017947.D

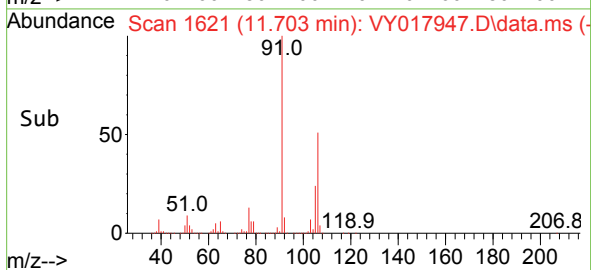
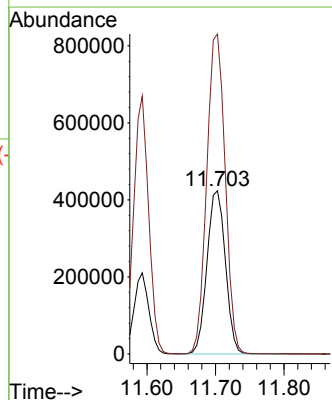
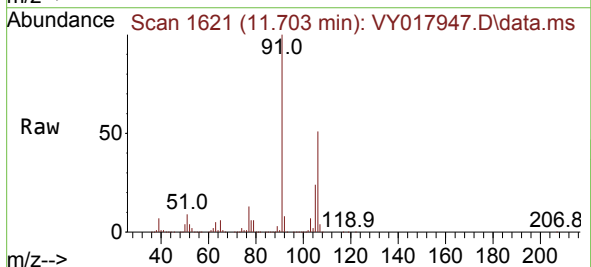
Acq: 16 Apr 2024 14:17

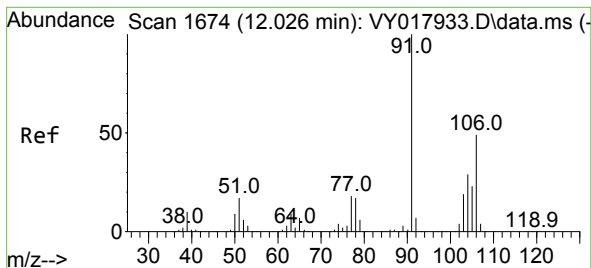
Tgt Ion:106 Resp: 791578

Ion Ratio Lower Upper

106 100

91 196.7 156.0 234.0





#69

o-Xylene

Concen: 47.167 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017947.D

Acq: 16 Apr 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

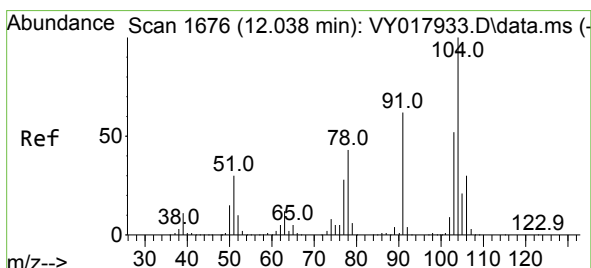
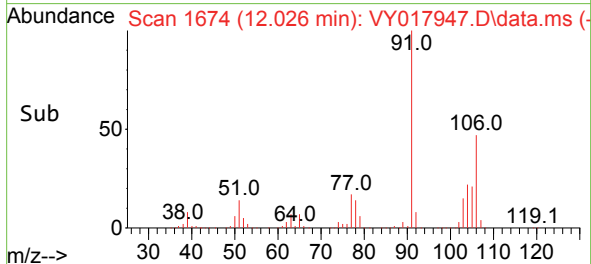
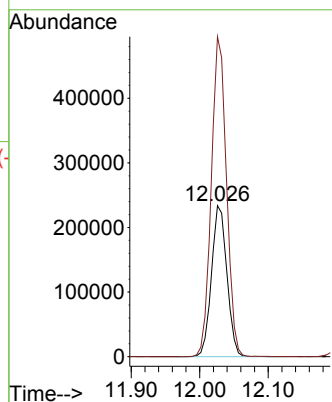
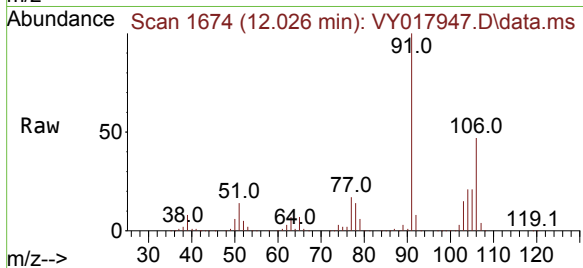
ICVVY041624

Tgt Ion:106 Resp: 364920

Ion Ratio Lower Upper

106 100

91 209.0 103.6 310.8



#70

Styrene

Concen: 48.179 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY017947.D

Acq: 16 Apr 2024 14:17

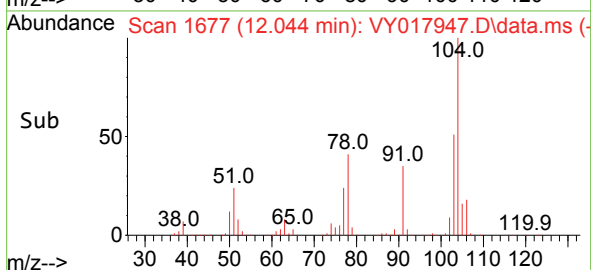
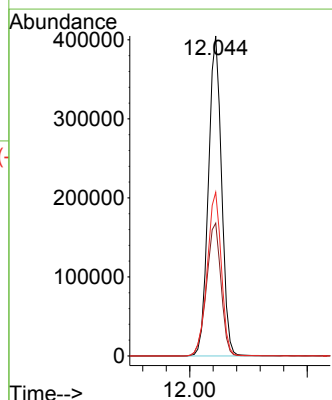
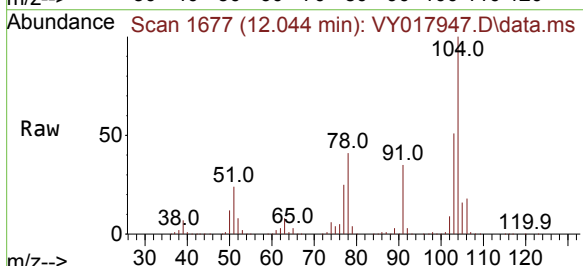
Tgt Ion:104 Resp: 630006

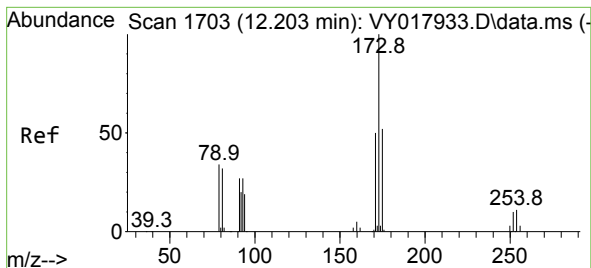
Ion Ratio Lower Upper

104 100

78 45.7 37.0 55.4

103 55.0 44.2 66.2





#71

Bromoform

Concen: 45.915 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017947.D

Acq: 16 Apr 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY041624

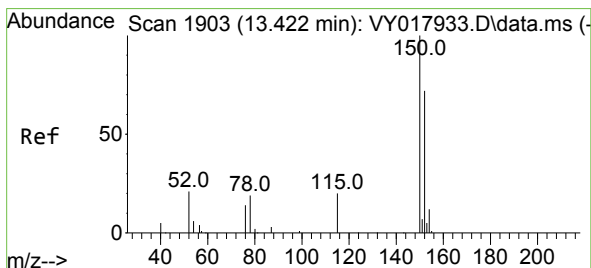
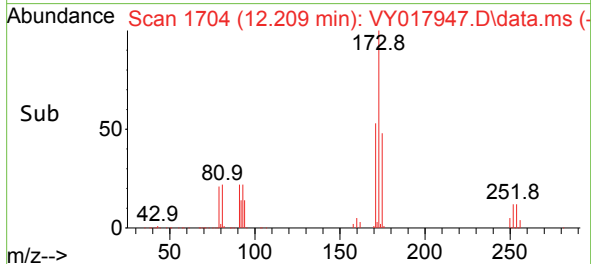
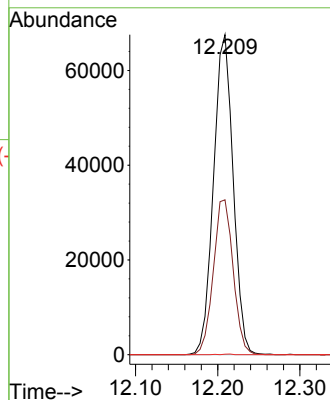
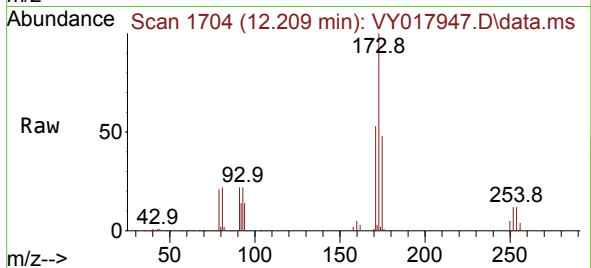
Tgt Ion:173 Resp: 112063

Ion Ratio Lower Upper

173 100

175 48.9 25.1 75.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017947.D

Acq: 16 Apr 2024 14:17

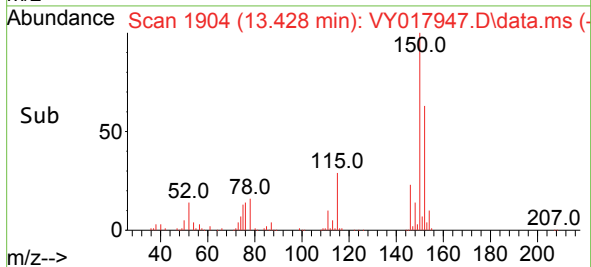
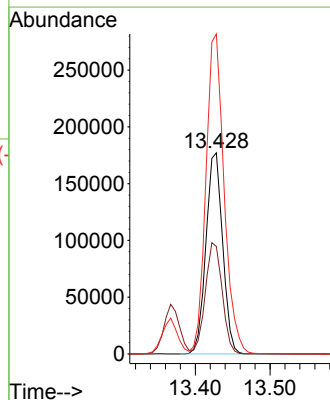
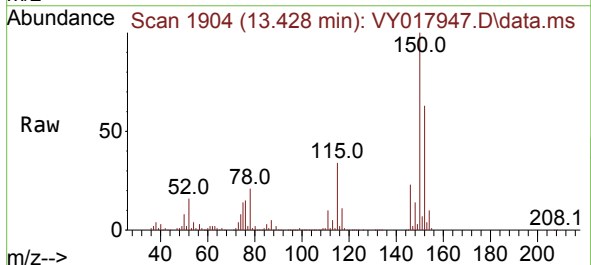
Tgt Ion:152 Resp: 275165

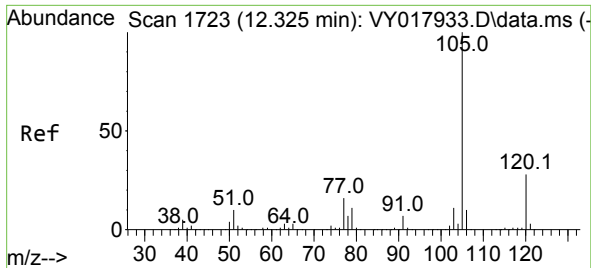
Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.7

150 172.9 0.0 345.6

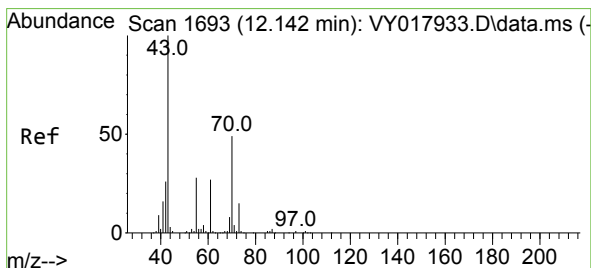
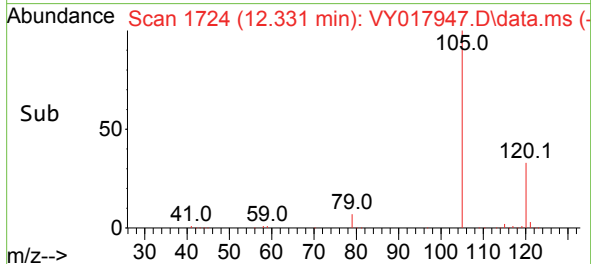
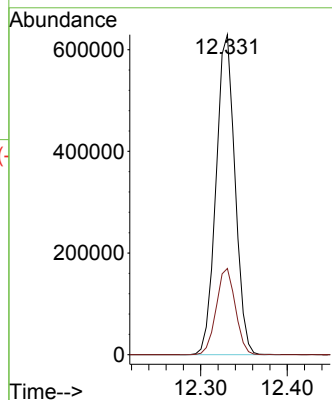
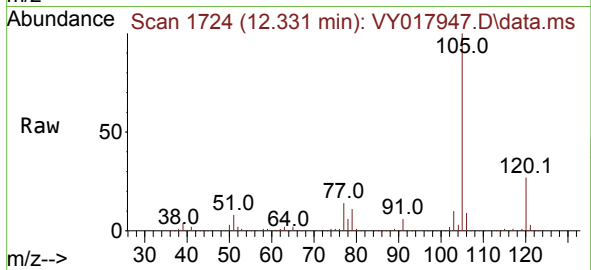




#73
Isopropylbenzene
Concen: 47.702 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

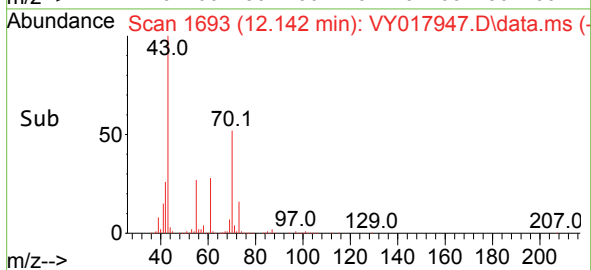
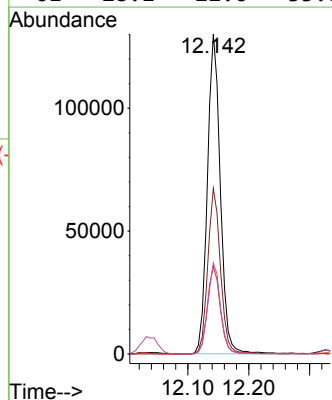
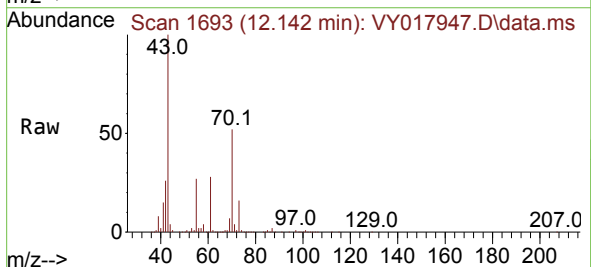
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041624

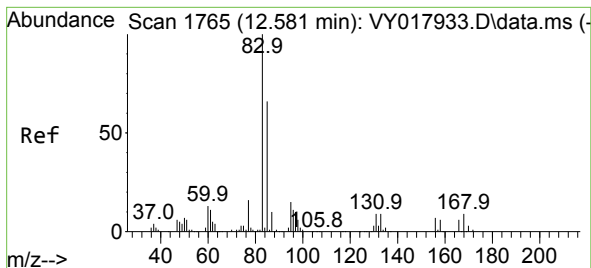
Tgt Ion:105 Resp: 956437
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.1



#74
N-ethyl acetate
Concen: 47.308 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

Tgt Ion: 43 Resp: 191475
Ion Ratio Lower Upper
43 100
70 51.1 41.4 62.2
55 27.8 23.3 34.9
61 28.1 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 45.598 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY017947.D

Acq: 16 Apr 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVY041624

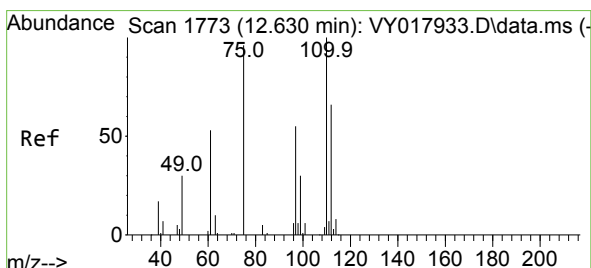
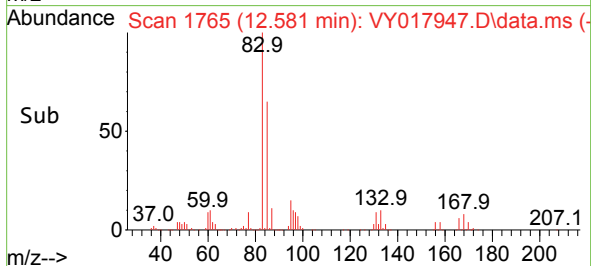
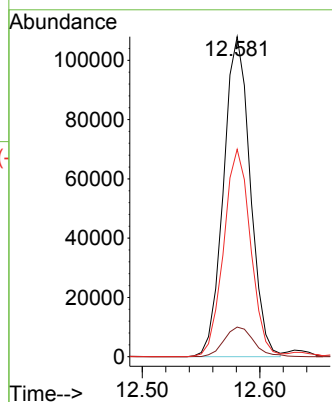
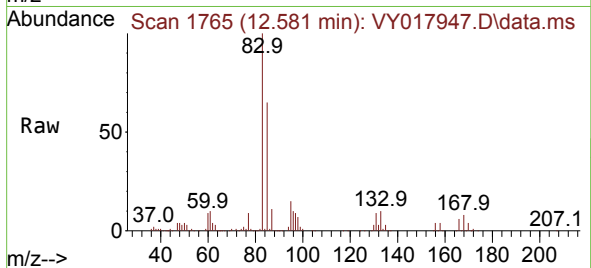
Tgt Ion: 83 Resp: 170512

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

85 65.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 80.107 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY017947.D

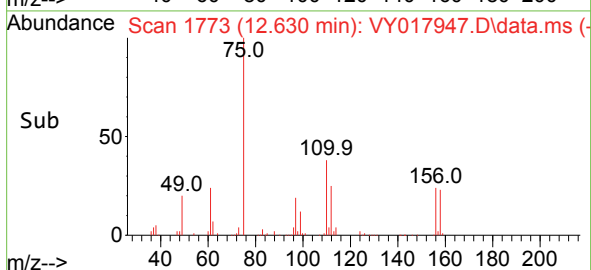
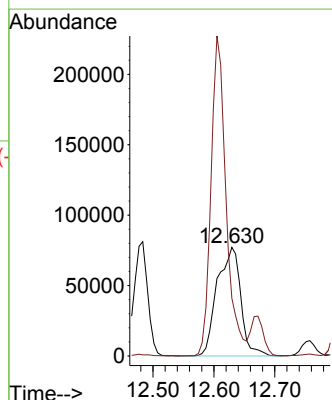
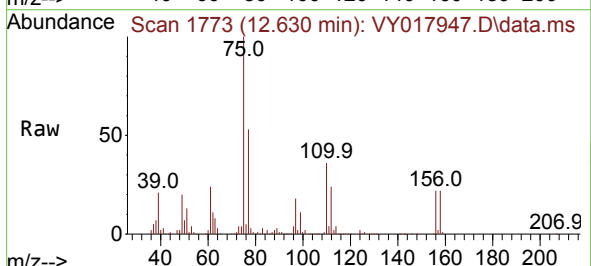
Acq: 16 Apr 2024 14:17

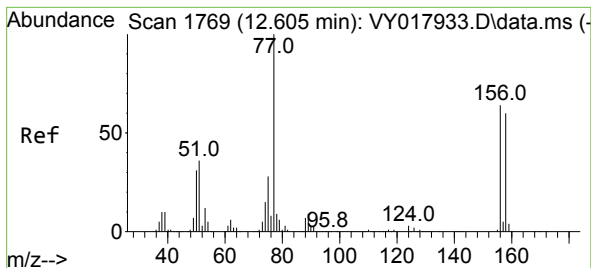
Tgt Ion: 75 Resp: 206846

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.758 ug/l

RT: 12.605 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017947.D

Acq: 16 Apr 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY041624

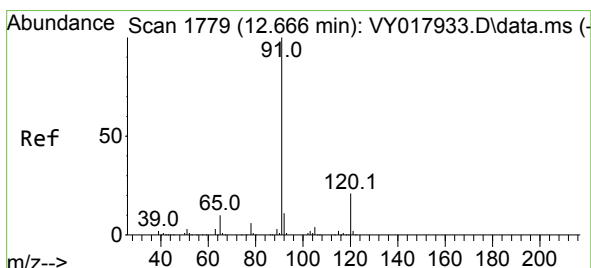
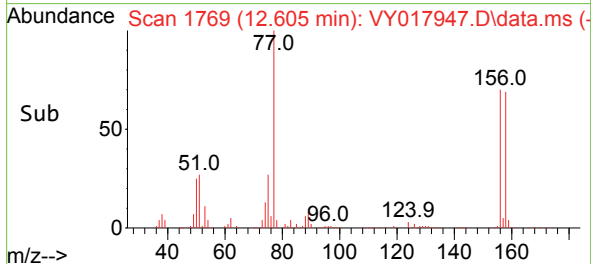
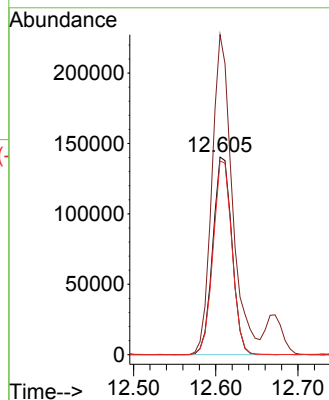
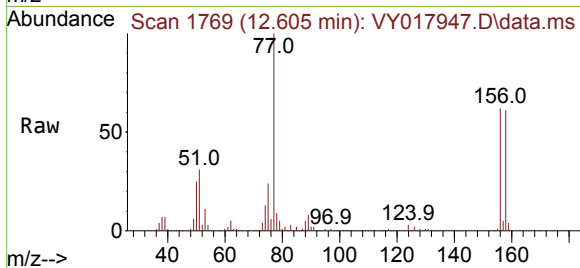
Tgt Ion:156 Resp: 226874

Ion Ratio Lower Upper

156 100

77 173.0 87.1 261.3

158 96.9 48.6 145.9



#78

n-propylbenzene

Concen: 47.708 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY017947.D

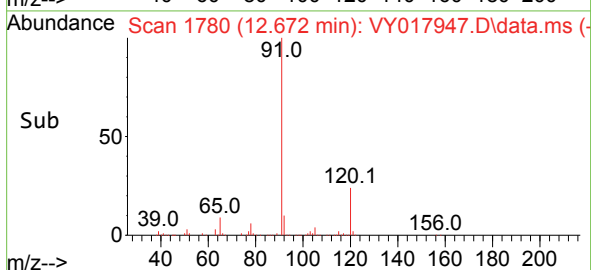
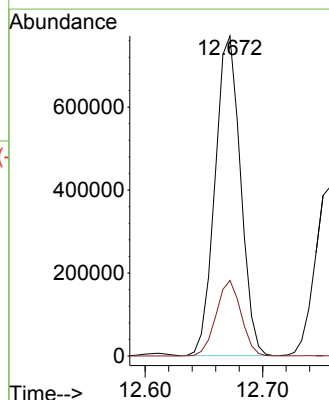
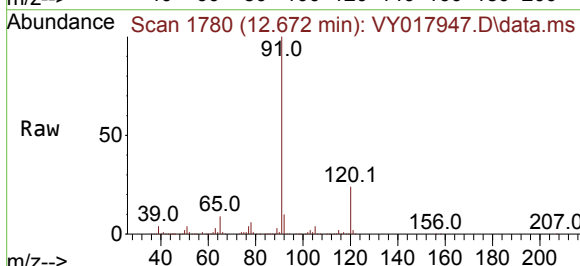
Acq: 16 Apr 2024 14:17

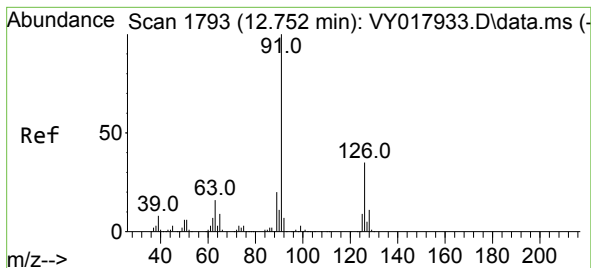
Tgt Ion: 91 Resp: 1160583

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 46.997 ug/l

RT: 12.758 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VY017947.D

Acq: 16 Apr 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

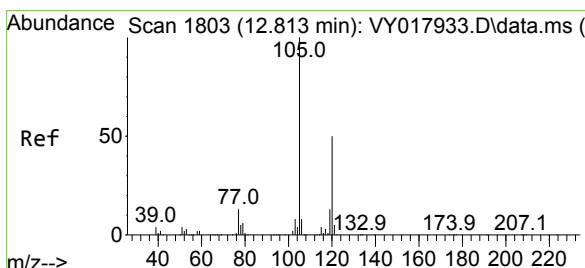
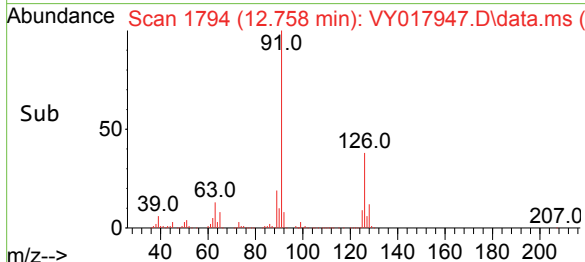
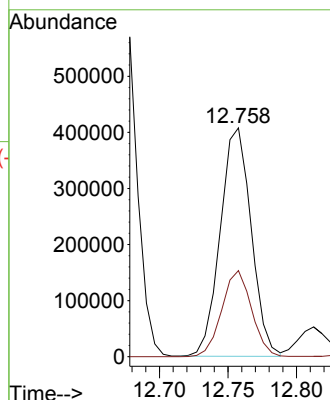
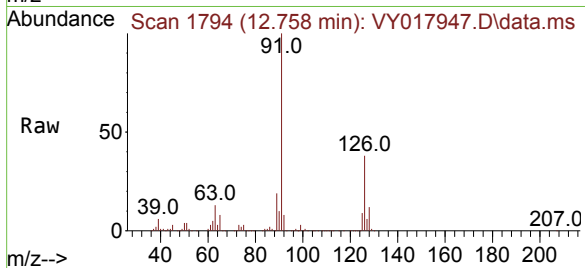
ICVVY041624

Tgt Ion: 91 Resp: 639936

Ion Ratio Lower Upper

91 100

126 36.4 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 47.916 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY017947.D

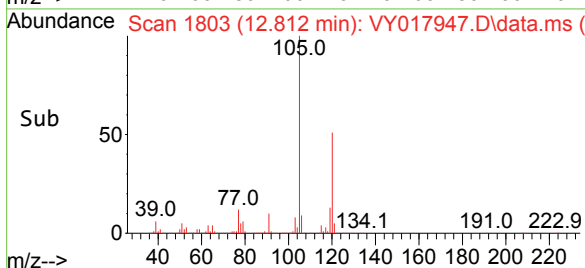
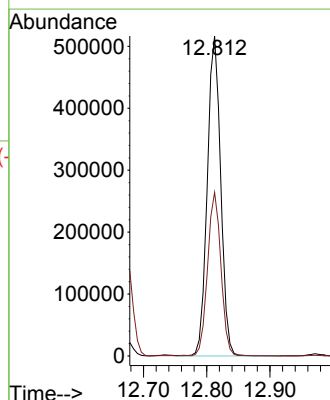
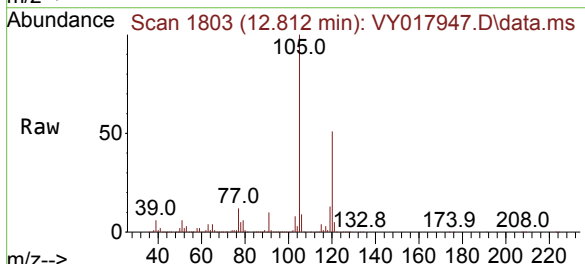
Acq: 16 Apr 2024 14:17

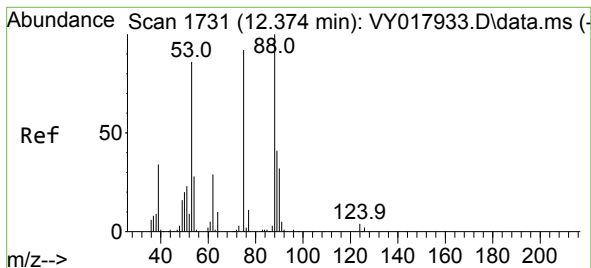
Tgt Ion:105 Resp: 761789

Ion Ratio Lower Upper

105 100

120 50.8 25.1 75.2

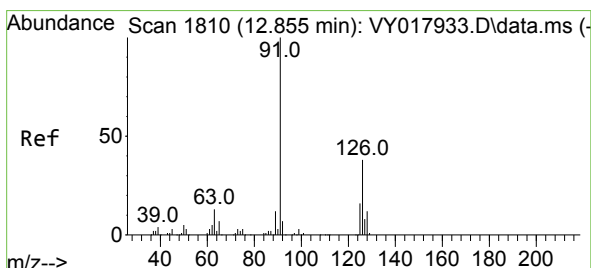
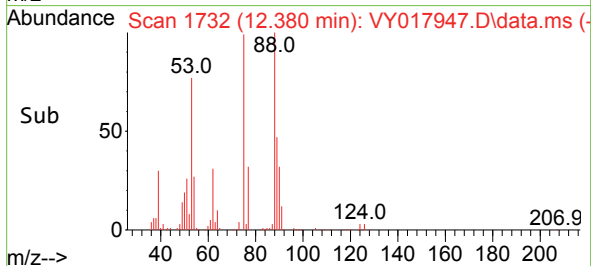
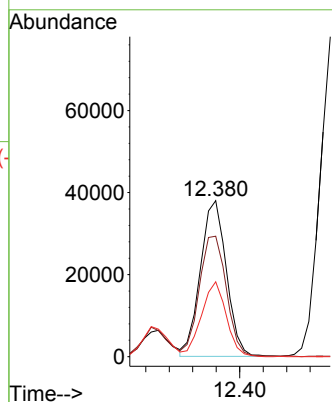
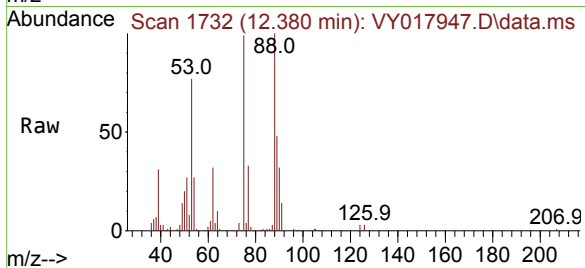




#81
trans-1,4-Dichloro-2-butene
Concen: 46.520 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

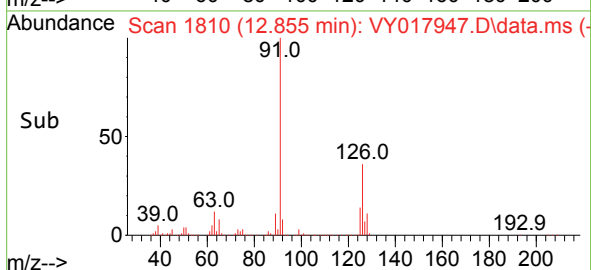
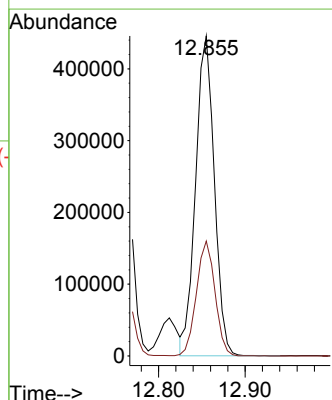
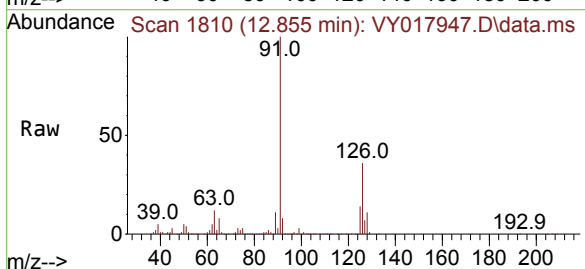
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041624

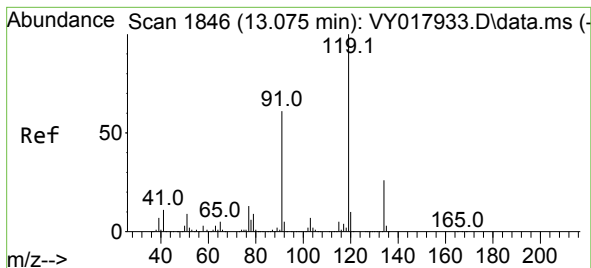
Tgt Ion: 75 Resp: 58259
Ion Ratio Lower Upper
75 100
53 80.1 66.8 100.2
89 46.1 35.8 53.6



#82
4-Chlorotoluene
Concen: 47.333 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

Tgt Ion: 91 Resp: 667511
Ion Ratio Lower Upper
91 100
126 35.9 17.6 52.9





#83

tert-Butylbenzene

Concen: 47.663 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY017947.D

Acq: 16 Apr 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY041624

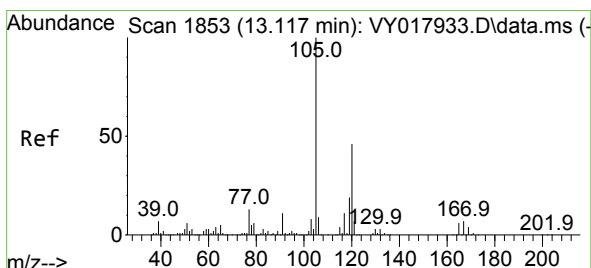
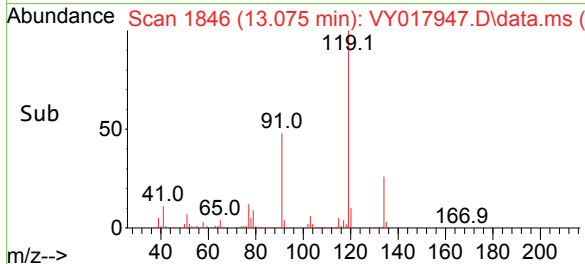
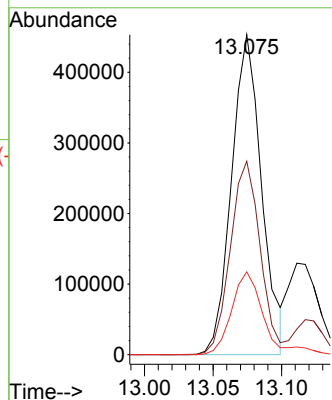
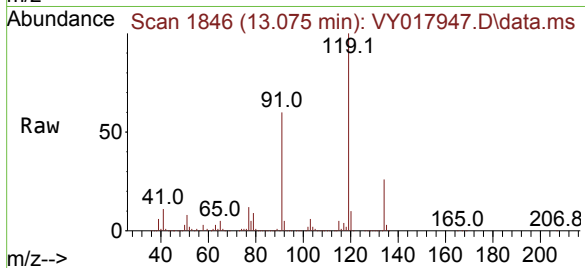
Tgt Ion:119 Resp: 692099

Ion Ratio Lower Upper

119 100

91 59.9 31.3 93.8

134 27.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 47.850 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY017947.D

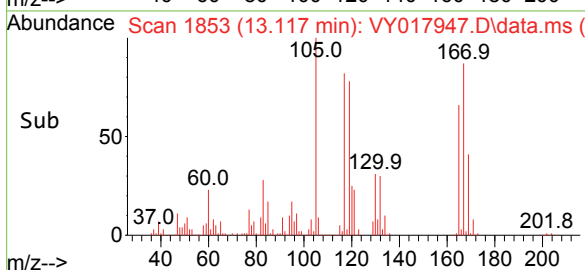
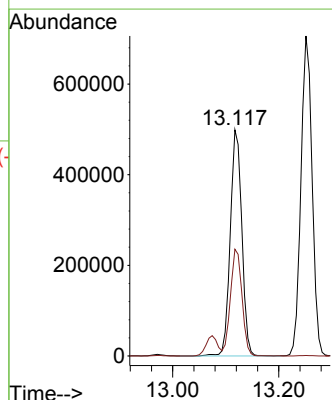
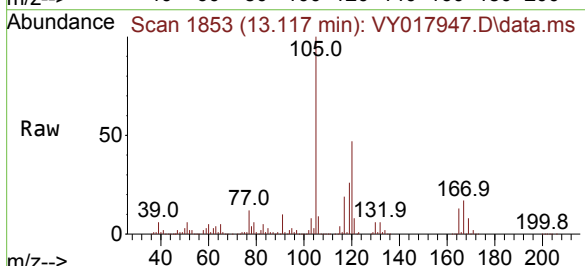
Acq: 16 Apr 2024 14:17

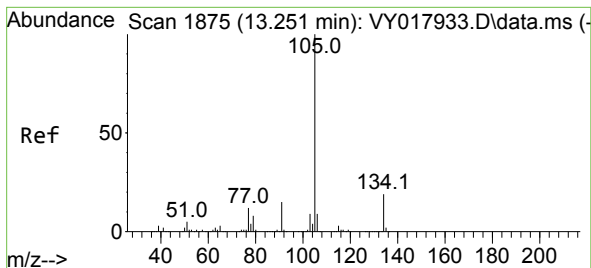
Tgt Ion:105 Resp: 757598

Ion Ratio Lower Upper

105 100

120 46.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 47.221 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY017947.D

Acq: 16 Apr 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

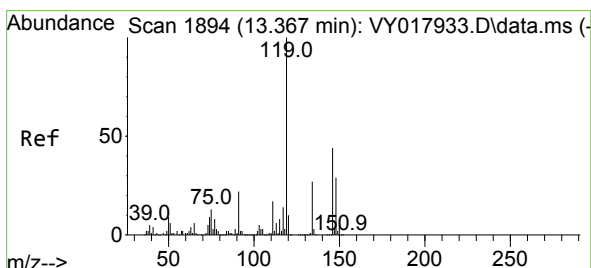
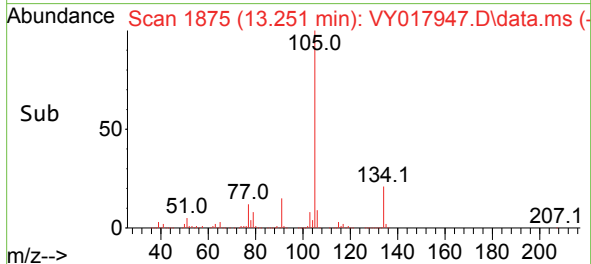
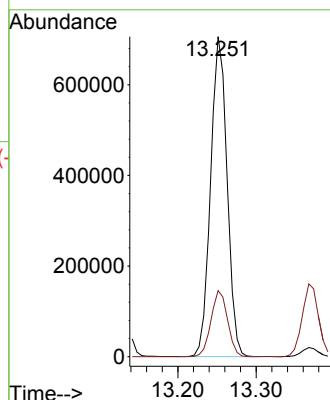
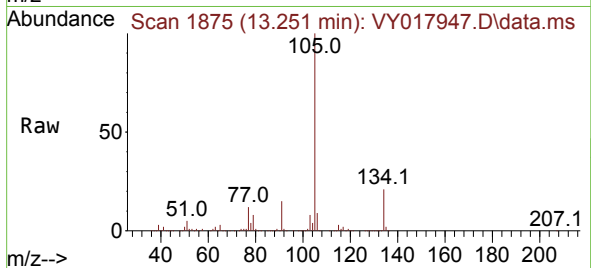
ICVVY041624

Tgt Ion:105 Resp: 1029908

Ion Ratio Lower Upper

105 100

134 20.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 47.603 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY017947.D

Acq: 16 Apr 2024 14:17

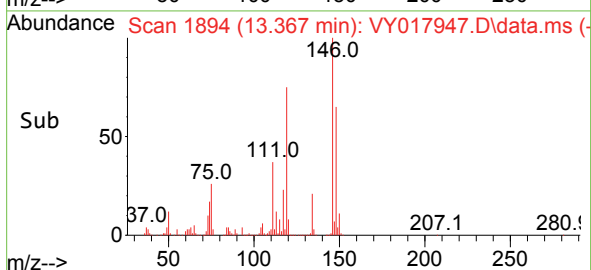
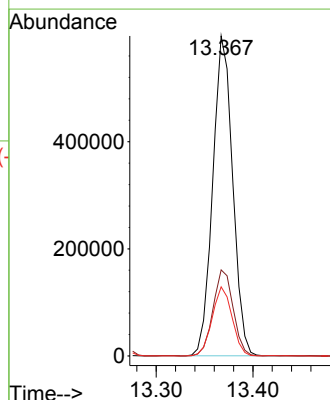
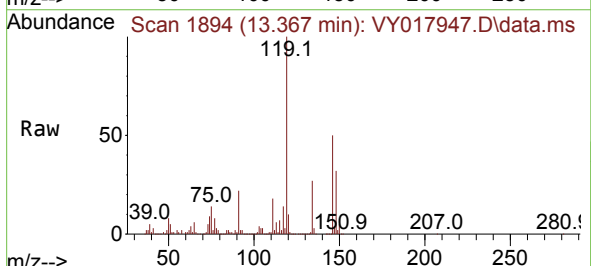
Tgt Ion:119 Resp: 853127

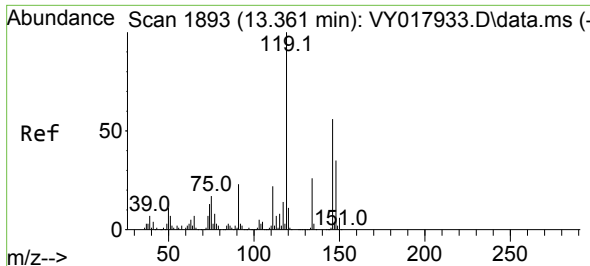
Ion Ratio Lower Upper

119 100

134 27.1 13.1 39.3

91 21.5 10.7 32.1

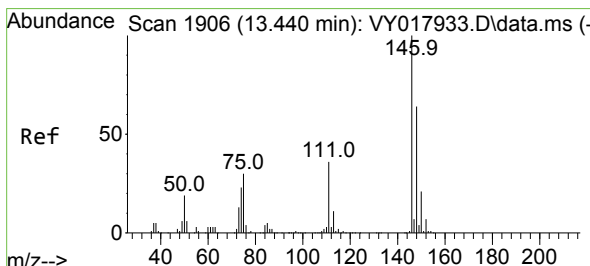
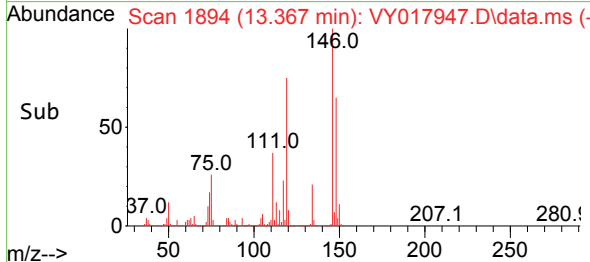
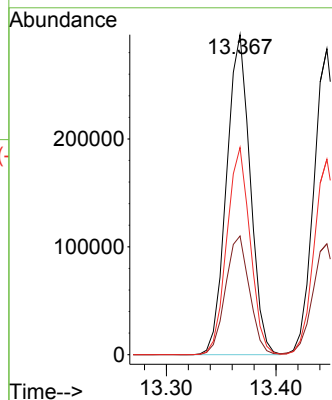
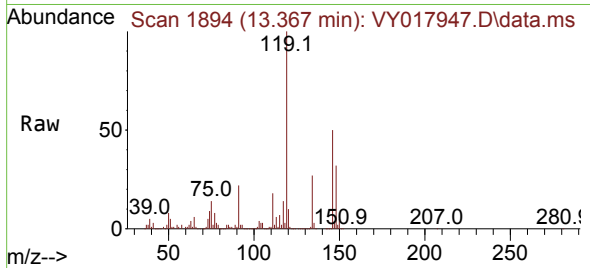




#87
1,3-Dichlorobenzene
Concen: 46.172 ug/l
RT: 13.367 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

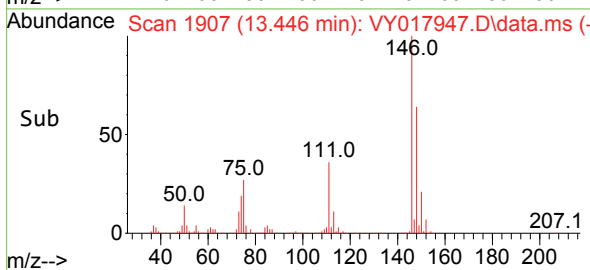
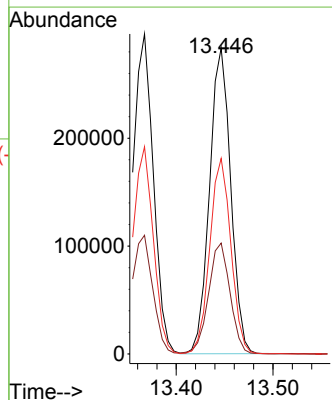
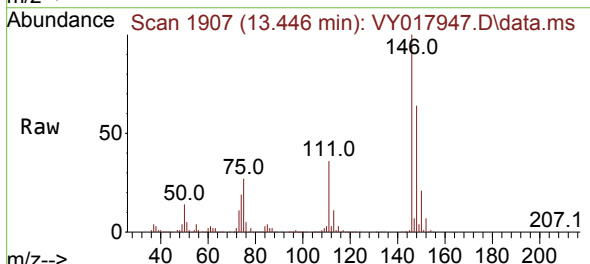
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041624

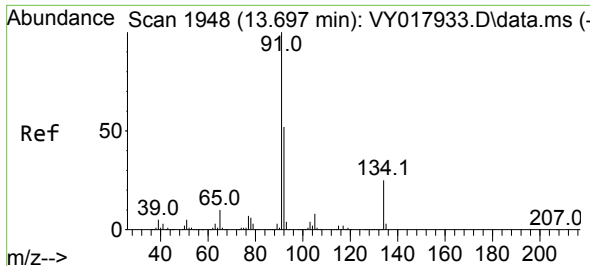
Tgt Ion:146 Resp: 444504
Ion Ratio Lower Upper
146 100
111 37.7 19.0 57.0
148 64.0 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 45.697 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

Tgt Ion:146 Resp: 431873
Ion Ratio Lower Upper
146 100
111 37.0 18.4 55.4
148 63.8 32.4 97.2

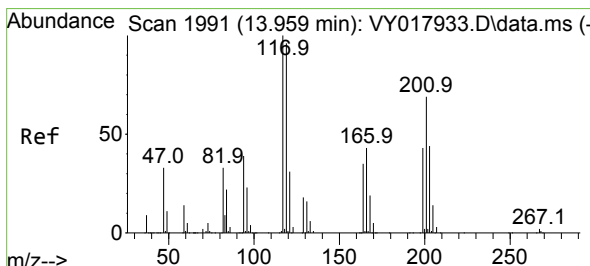
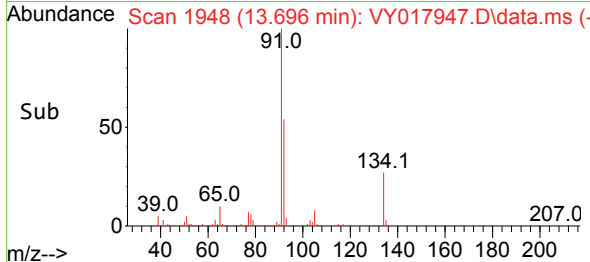
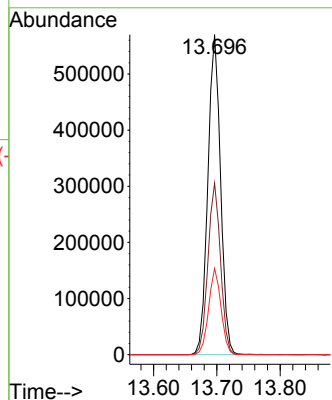
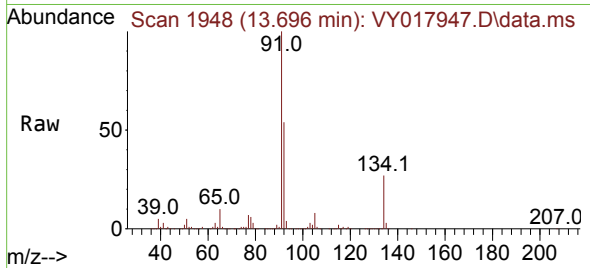




#89
n-Butylbenzene
Concen: 47.271 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

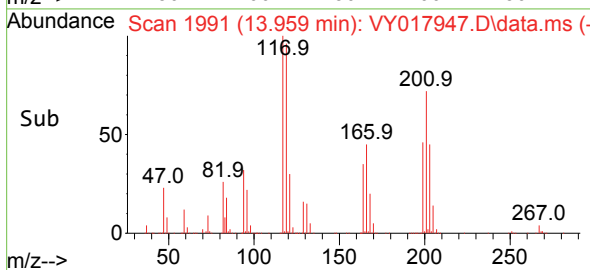
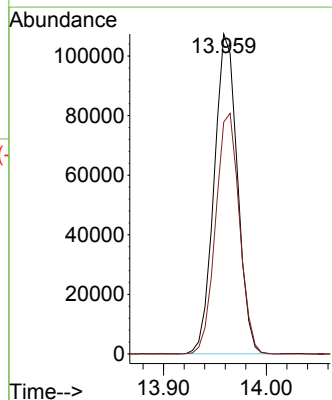
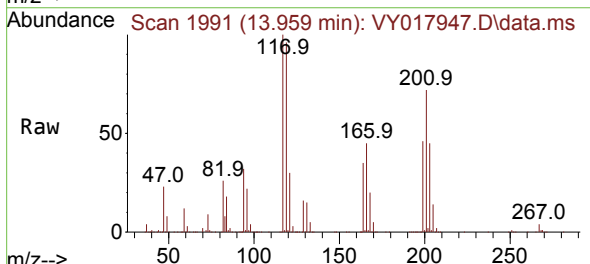
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041624

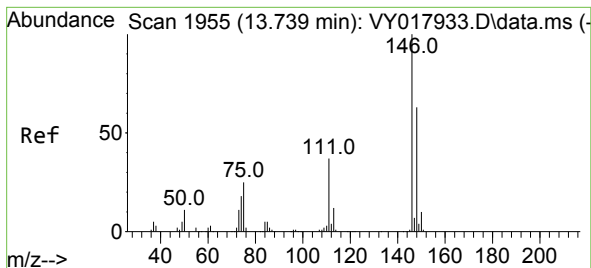
Tgt Ion: 91 Resp: 797021
Ion Ratio Lower Upper
91 100
92 53.1 26.6 79.7
134 26.3 12.9 38.7



#90
Hexachloroethane
Concen: 45.803 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY017947.D
Acq: 16 Apr 2024 14:17

Tgt Ion: 117 Resp: 168324
Ion Ratio Lower Upper
117 100
201 77.3 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 45.941 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY017947.D

Acq: 16 Apr 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY041624

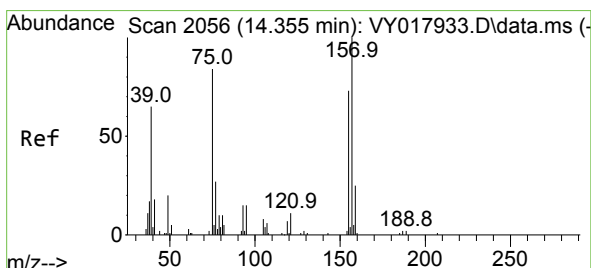
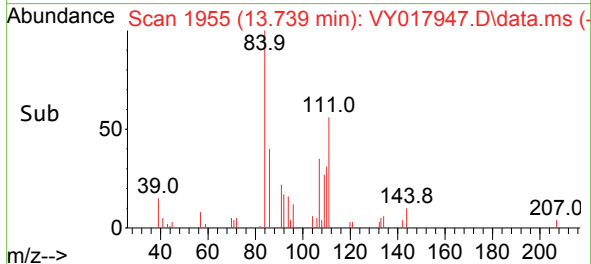
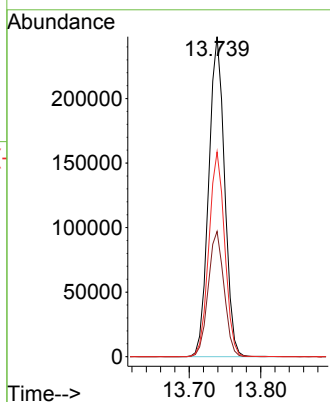
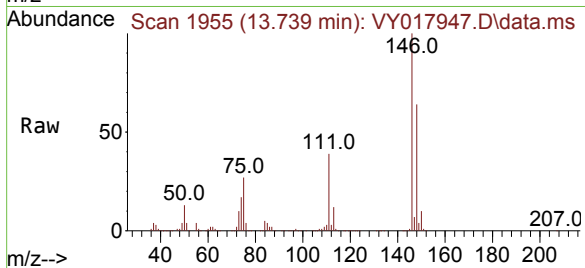
Tgt Ion:146 Resp: 381568

Ion Ratio Lower Upper

146 100

111 39.1 19.9 59.7

148 63.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.404 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY017947.D

Acq: 16 Apr 2024 14:17

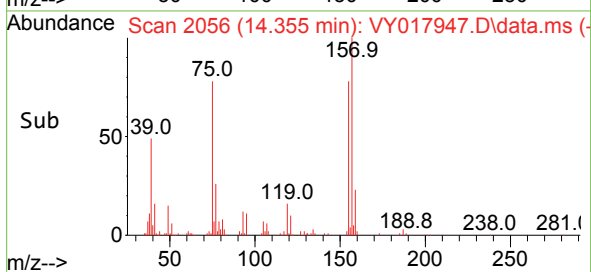
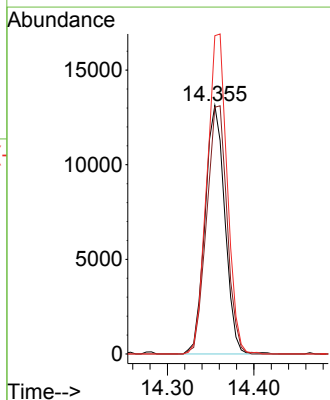
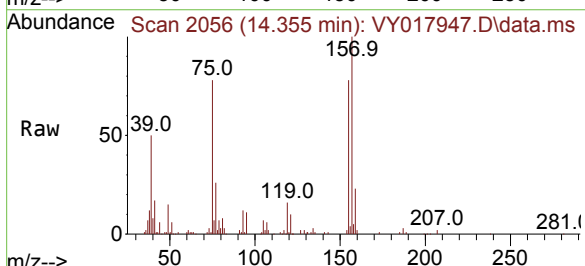
Tgt Ion: 75 Resp: 20877

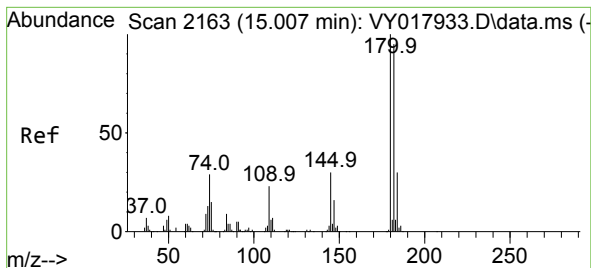
Ion Ratio Lower Upper

75 100

155 102.6 48.6 145.8

157 131.2 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 45.077 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY017947.D

Acq: 16 Apr 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY041624

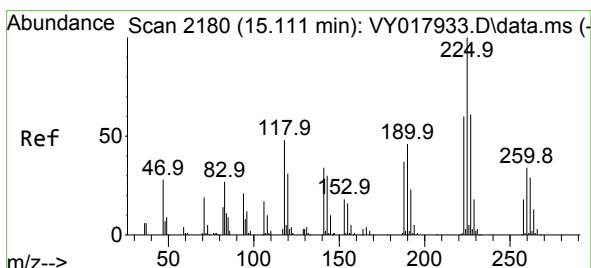
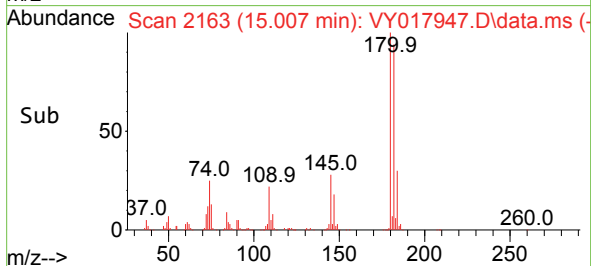
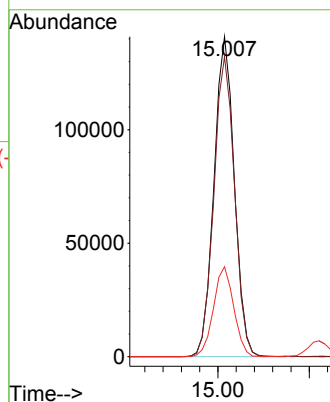
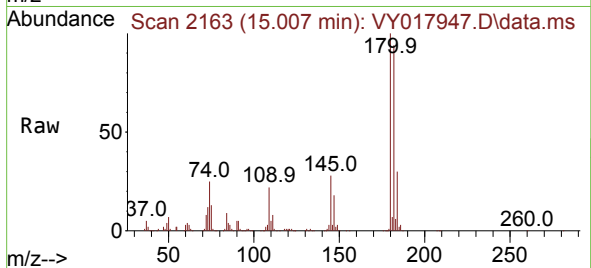
Tgt Ion:180 Resp: 218026

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.8

145 28.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 43.732 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY017947.D

Acq: 16 Apr 2024 14:17

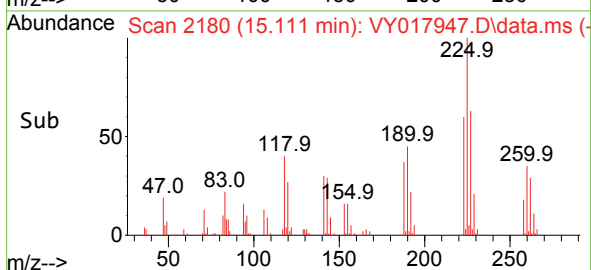
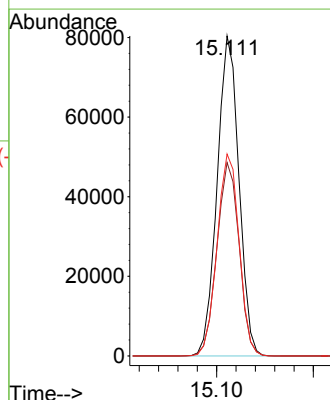
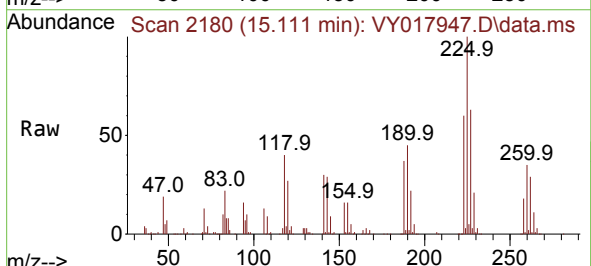
Tgt Ion:225 Resp: 125479

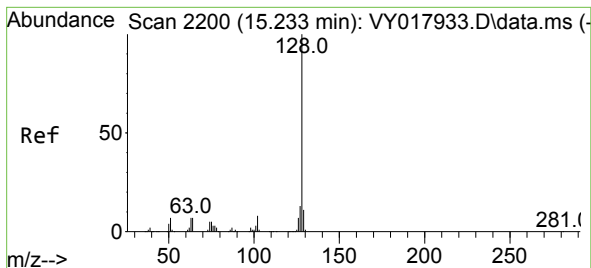
Ion Ratio Lower Upper

225 100

223 61.6 30.4 91.2

227 63.9 31.9 95.9





#95

Naphthalene

Concen: 45.930 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY017947.D

Acq: 16 Apr 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVY041624

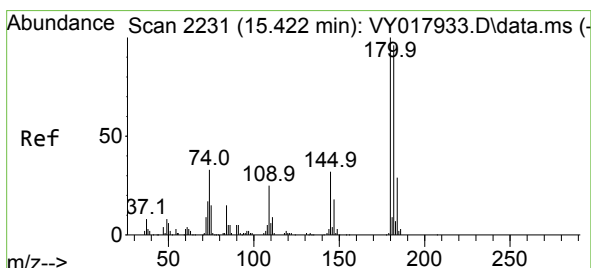
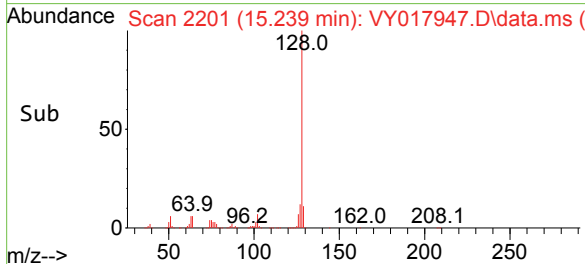
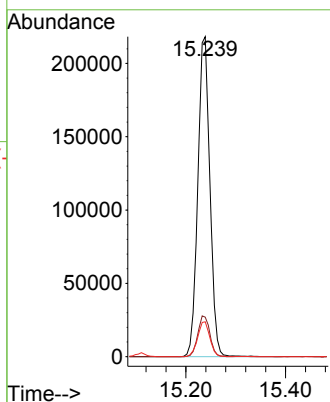
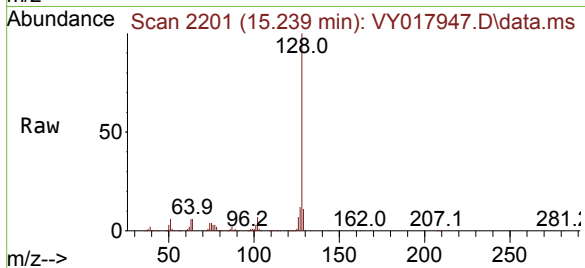
Tgt Ion:128 Resp: 366080

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 44.701 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY017947.D

Acq: 16 Apr 2024 14:17

Tgt Ion:180 Resp: 181419

Ion Ratio Lower Upper

180 100

182 94.8 47.6 142.9

145 30.1 15.4 46.1

