

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032924\
 Data File : VY017795.D
 Acq On : 29 Mar 2024 16:42
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 30 05:46:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:41:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	257696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	399609	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	342768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	159731	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	346989	155.605	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 311.200%#	
35) Dibromofluoromethane	7.715	113	369288	159.926	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 319.860%#	
50) Toluene-d8	10.184	98	1419447	164.563	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 329.120%#	
62) 4-Bromofluorobenzene	12.489	95	441564	168.259	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 336.520%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.899	85	271457	157.514	ug/l	98
3) Chloromethane	2.113	50	543414	161.557	ug/l	97
4) Vinyl Chloride	2.247	62	720538	163.915	ug/l	99
5) Bromomethane	2.631	94	583330	164.121	ug/l	98
6) Chloroethane	2.783	64	469635	163.747	ug/l	100
7) Trichlorofluoromethane	3.119	101	710997	165.858	ug/l	96
8) Diethyl Ether	3.527	74	214848	170.619	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	411482	160.058	ug/l	99
11) Tert butyl alcohol	4.954	59	144760	747.842	ug/l #	82
12) 1,1-Dichloroethene	3.869	96	397454	165.214	ug/l	92
13) Acrolein	3.722	56	127811	818.097	ug/l	99
14) Allyl chloride	4.472	41	502248	170.175	ug/l	100
15) Acrylonitrile	5.161	53	452999	852.242	ug/l	99
16) Acetone	3.942	43	381656	827.985	ug/l	93
17) Carbon Disulfide	4.192	76	1172030	172.156	ug/l	98
18) Methyl Acetate	4.472	43	173692	170.123	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	992435	180.174	ug/l	100
20) Methylene Chloride	4.710	84	419748	154.133	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	437711	170.030	ug/l	95
22) Diisopropyl ether	6.118	45	1194459	175.101	ug/l	99
23) Vinyl Acetate	6.057	43	3841978	922.463	ug/l	99
24) 1,1-Dichloroethane	6.014	63	755940	166.964	ug/l	97
25) 2-Butanone	6.984	43	587654	894.928	ug/l	97
26) 2,2-Dichloropropane	6.978	77	652130	166.762	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	532110	174.898	ug/l	97
28) Bromochloromethane	7.337	49	304544	165.405	ug/l	95
29) Tetrahydrofuran	7.343	42	355622	902.571	ug/l	99
30) Chloroform	7.508	83	761957	162.201	ug/l	98
31) Cyclohexane	7.789	56	646204	164.497	ug/l	96
32) 1,1,1-Trichloroethane	7.703	97	668929	167.305	ug/l	98
36) 1,1-Dichloropropene	7.917	75	588832	174.771	ug/l	96
37) Ethyl Acetate	7.075	43	255610	175.803	ug/l	98
38) Carbon Tetrachloride	7.904	117	603883	172.655	ug/l	99
39) Methylcyclohexane	9.185	83	787378	187.094	ug/l	96
40) Benzene	8.160	78	1779554	171.389	ug/l	99
41) Methacrylonitrile	7.313	41	127592	120.644	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.240	62	427121	167.130	ug/l	98
43) Isopropyl Acetate	8.270	43	477797	181.080	ug/l	97
44) Trichloroethene	8.941	130	456360	168.935	ug/l	99
45) 1,2-Dichloropropane	9.215	63	415776	172.327	ug/l	97
46) Dibromomethane	9.307	93	235956	172.137	ug/l	99
47) Bromodichloromethane	9.502	83	583735	168.536	ug/l	98
48) Methyl methacrylate	9.294	41	223961	149.564	ug/l	99
49) 1,4-Dioxane	9.300	88	56157	3649.373	ug/l #	99
51) 4-Methyl-2-Pentanone	10.075	43	1321785	748.789	ug/l	99
52) Toluene	10.252	92	1111389	176.465	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	567093	184.401	ug/l	97
54) cis-1,3-Dichloropropene	9.934	75	664982	177.171	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	313356	171.562	ug/l	96
56) Ethyl methacrylate	10.514	69	459206	149.771	ug/l	98
57) 1,3-Dichloropropane	10.794	76	539231	174.556	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	1229548	754.118	ug/l	99
59) 2-Hexanone	10.837	43	937262	748.721	ug/l	100
60) Dibromochloromethane	10.989	129	408535	177.342	ug/l	100
61) 1,2-Dibromoethane	11.093	107	293663	176.323	ug/l	98
64) Tetrachloroethene	10.727	164	491670	164.458	ug/l	97
65) Chlorobenzene	11.520	112	1207133	171.679	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	437490	183.245	ug/l	99
67) Ethyl Benzene	11.599	91	2260730	187.033	ug/l	99
68) m/p-Xylenes	11.709	106	1737538	379.041	ug/l	100
69) o-Xylene	12.032	106	815096	150.071	ug/l	100
70) Styrene	12.050	104	1395066	150.069	ug/l	100
71) Bromoform	12.215	173	237888	179.758	ug/l #	98
73) Isopropylbenzene	12.336	105	2027074	181.087	ug/l	99
74) N-amyl acetate	12.148	43	440933	149.737	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.586	83	347288	179.352	ug/l	99
76) 1,2,3-Trichloropropane	12.641	75	459593	315.325	ug/l #	100
77) Bromobenzene	12.611	156	474740	178.072	ug/l	98
78) n-propylbenzene	12.678	91	2427065	177.692	ug/l	100
79) 2-Chlorotoluene	12.763	91	1318095	176.175	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	1575591	180.355	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.385	75	125413	149.467	ug/l	99
82) 4-Chlorotoluene	12.861	91	1347674	173.960	ug/l	99
83) tert-Butylbenzene	13.080	119	1436844	180.906	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	1611767	185.247	ug/l	98
85) sec-Butylbenzene	13.257	105	2104827	176.565	ug/l	98
86) p-Isopropyltoluene	13.373	119	1892232	189.900	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	976854	184.657	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	861519	170.146	ug/l	99
89) n-Butylbenzene	13.702	91	1655875	180.623	ug/l	99
90) Hexachloroethane	13.970	117	340463	171.831	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	754787	172.128	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	46797	178.844	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	444990	185.273	ug/l	99
94) Hexachlorobutadiene	15.116	225	242309	166.422	ug/l	99
95) Naphthalene	15.245	128	819850	149.602	ug/l	100
96) 1,2,3-Trichlorobenzene	15.427	180	369766	182.257	ug/l	99

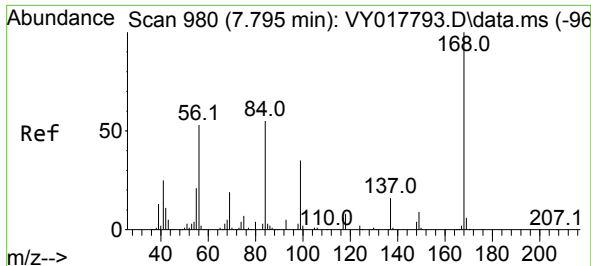
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032924\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

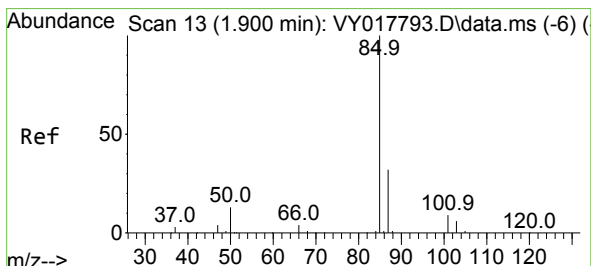
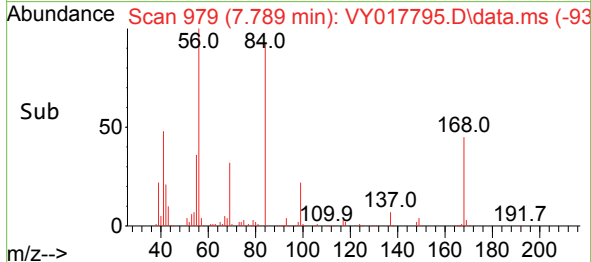
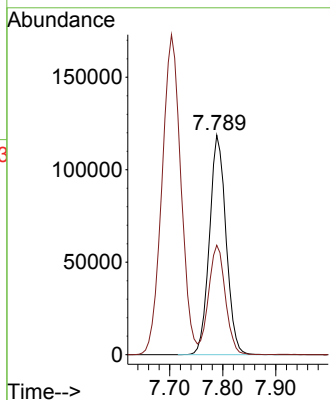
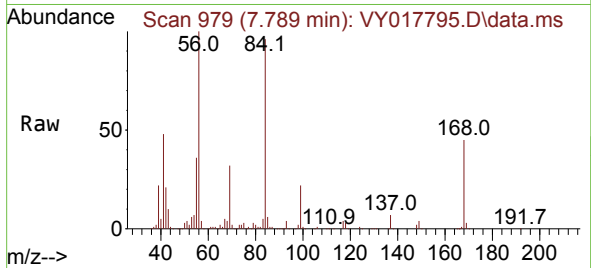
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

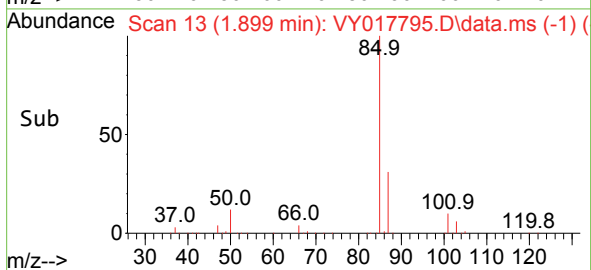
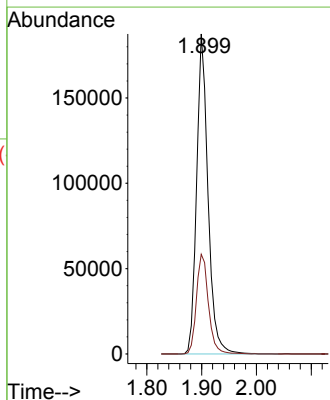
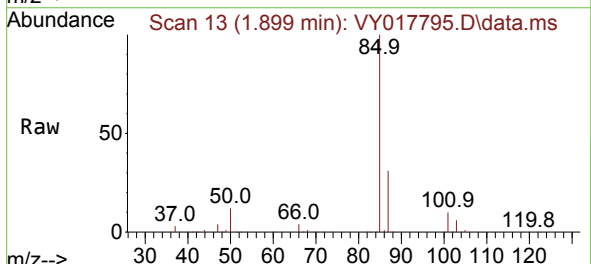
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

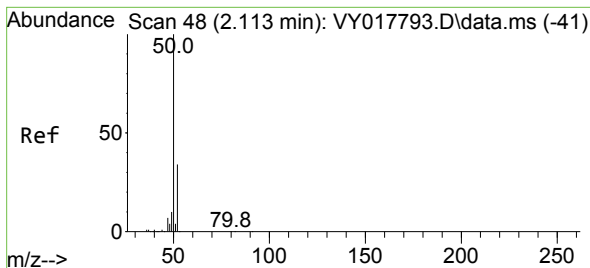
Tgt Ion:168 Resp: 257696
Ion Ratio Lower Upper
168 100
99 49.7 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 157.514 ug/l
RT: 1.899 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

Tgt Ion: 85 Resp: 271457
Ion Ratio Lower Upper
85 100
87 31.1 16.0 48.0





#3

Chloromethane

Concen: 161.557 ug/l

RT: 2.113 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY017795.D

Acq: 29 Mar 2024 16:42

Instrument :

MSVOA_Y

ClientSampleId :

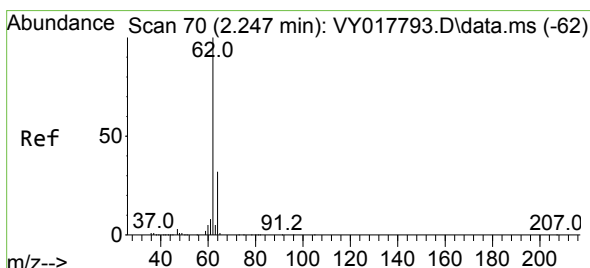
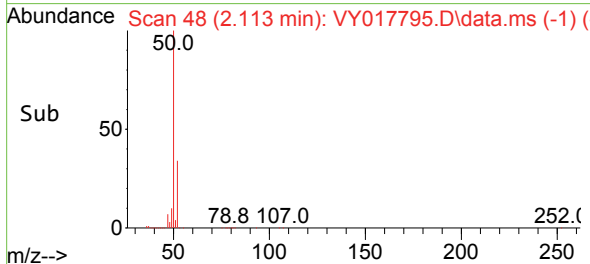
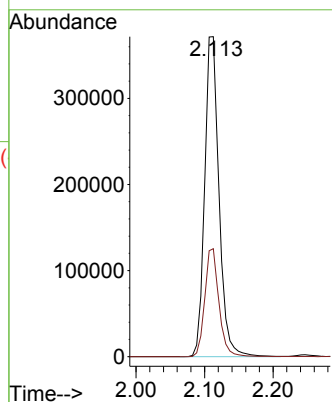
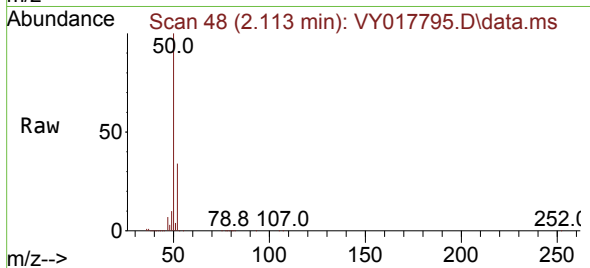
VSTDIC150

Tgt Ion: 50 Resp: 543414

Ion Ratio Lower Upper

50 100

52 33.8 25.6 38.4



#4

Vinyl Chloride

Concen: 163.915 ug/l

RT: 2.247 min Scan# 70

Delta R.T. -0.000 min

Lab File: VY017795.D

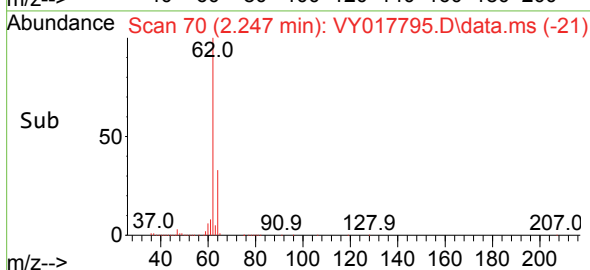
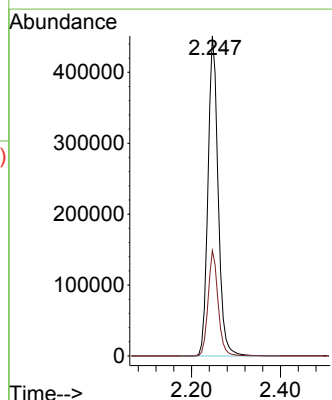
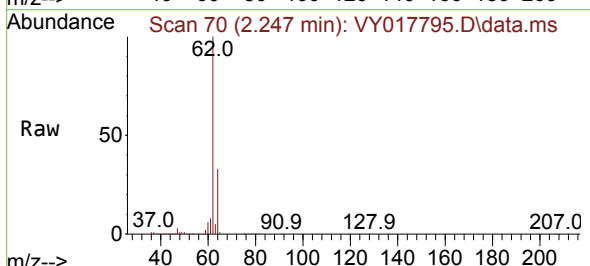
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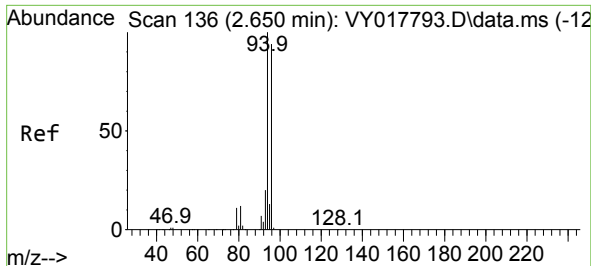
Tgt Ion: 62 Resp: 720538

Ion Ratio Lower Upper

62 100

64 33.0 26.1 39.1

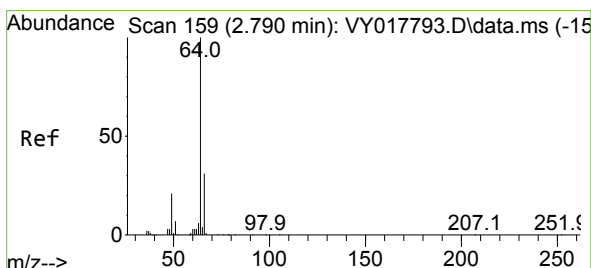
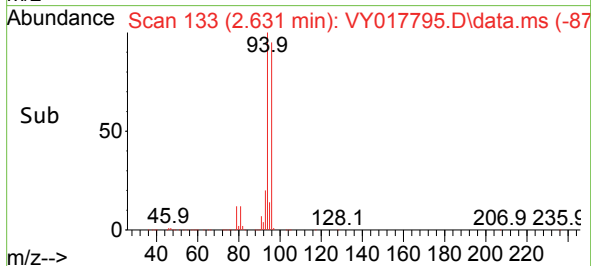
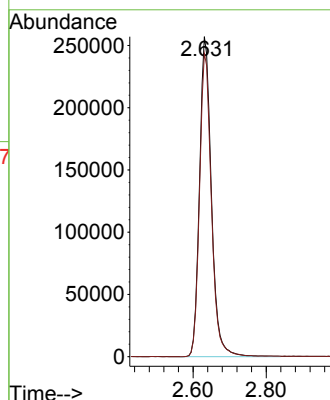
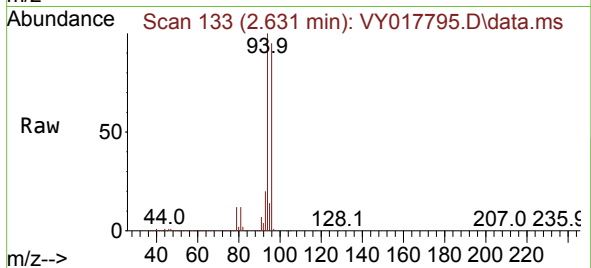




#5
Bromomethane
Concen: 164.121 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.019 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

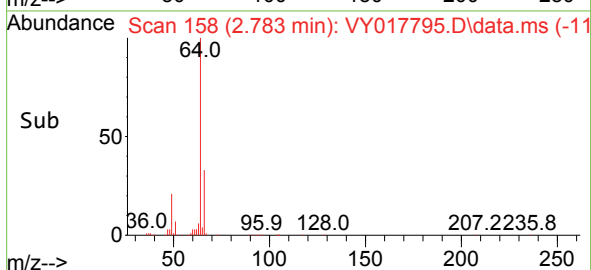
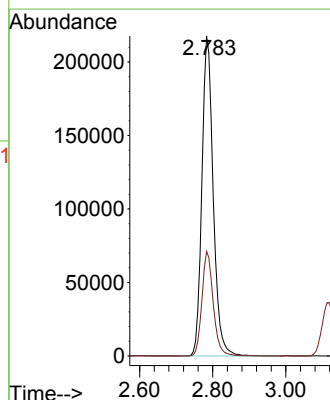
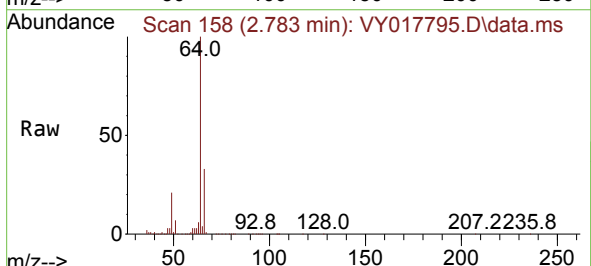
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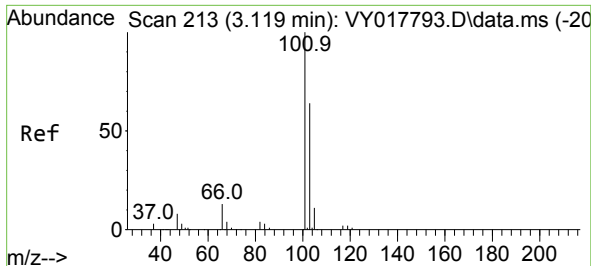
Tgt Ion: 94 Resp: 583330
Ion Ratio Lower Upper
94 100
96 94.7 74.1 111.1



#6
Chloroethane
Concen: 163.747 ug/l
RT: 2.783 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

Tgt Ion: 64 Resp: 469635
Ion Ratio Lower Upper
64 100
66 32.7 26.1 39.1

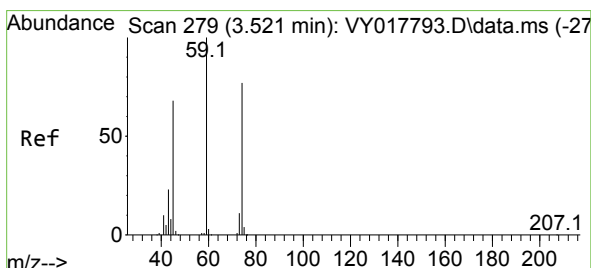
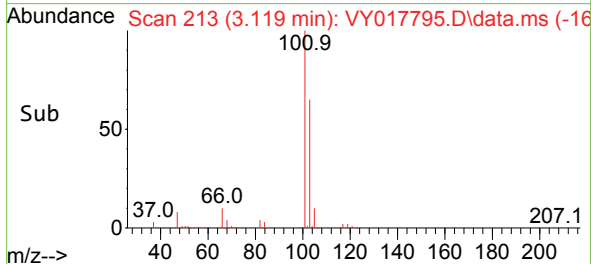
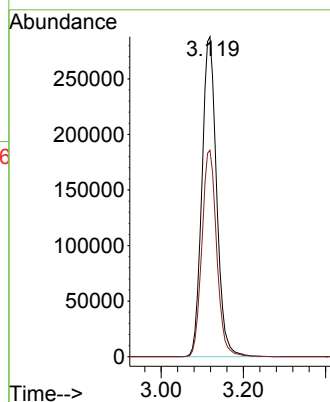
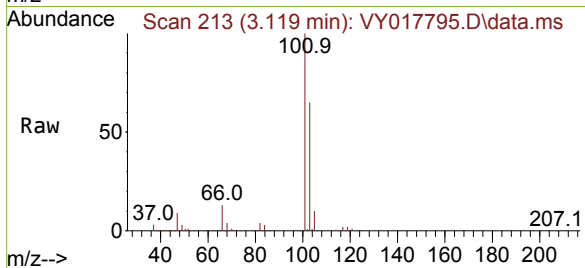




#7
Trichlorofluoromethane
Concen: 165.858 ug/l
RT: 3.119 min Scan# 213
Delta R.T. -0.000 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

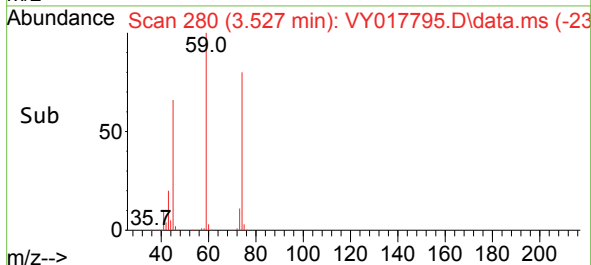
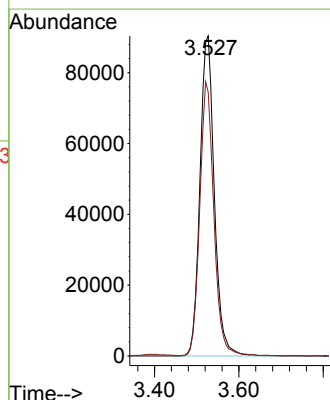
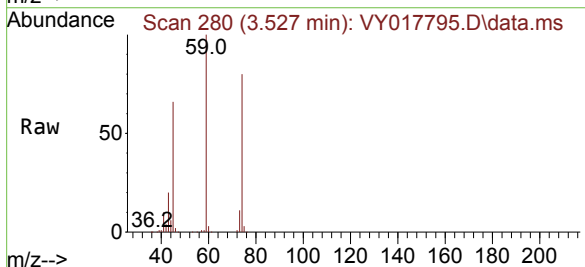
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

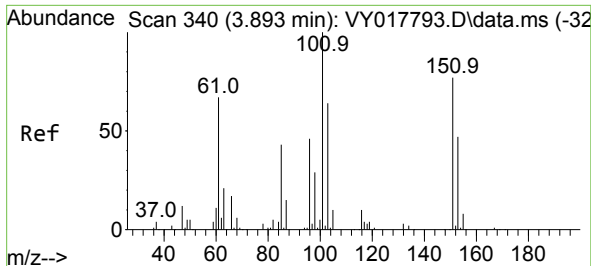
Tgt Ion:101 Resp: 710997
Ion Ratio Lower Upper
101 100
103 64.5 49.3 73.9



#8
Diethyl Ether
Concen: 170.619 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.006 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

Tgt Ion: 74 Resp: 214848
Ion Ratio Lower Upper
74 100
45 83.5 41.3 124.1

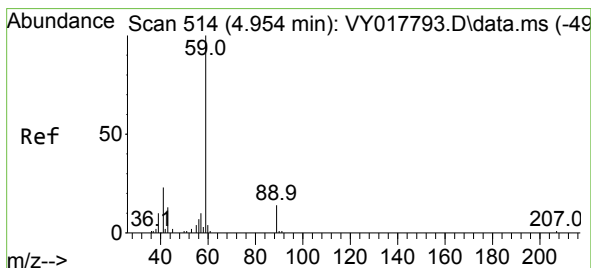
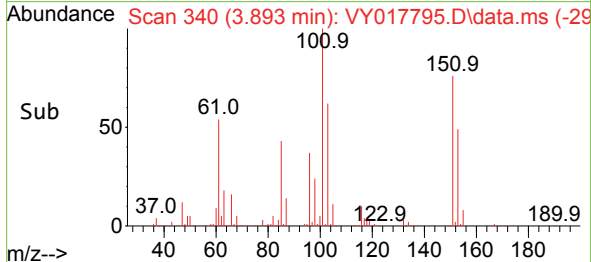
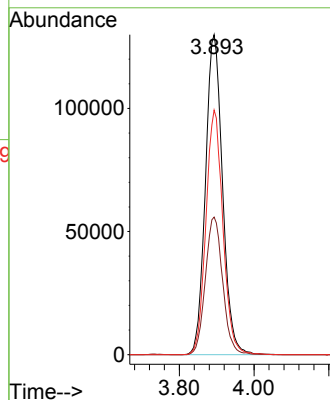
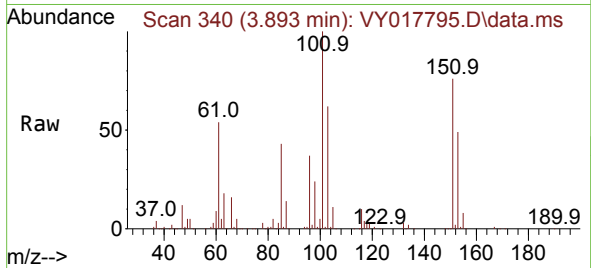




#9
1,1,2-Trichlorotrifluoroethane
Concen: 160.058 ug/l
RT: 3.893 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY017795.D
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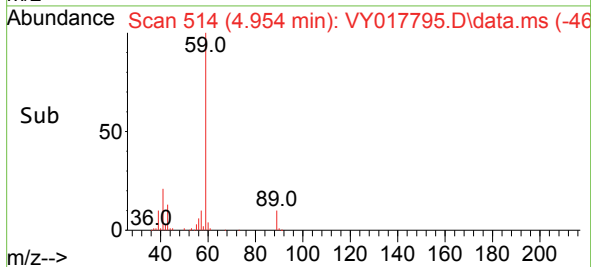
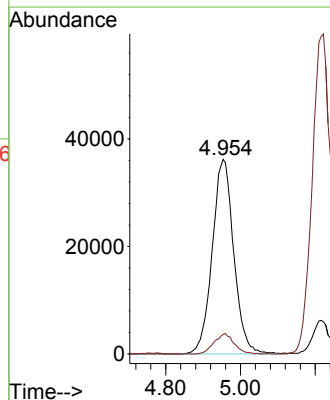
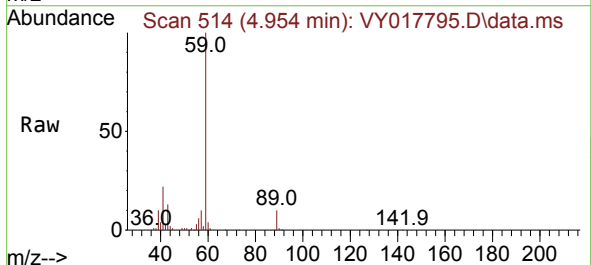
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

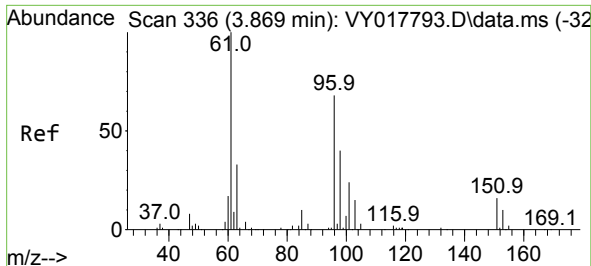
Tgt Ion:101 Resp: 411482
Ion Ratio Lower Upper
101 100
85 43.6 34.5 51.7
151 76.1 61.7 92.5



#11
Tert butyl alcohol
Concen: 747.842 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

Tgt Ion: 59 Resp: 144760
Ion Ratio Lower Upper
59 100
57 9.7 3.0 4.6#

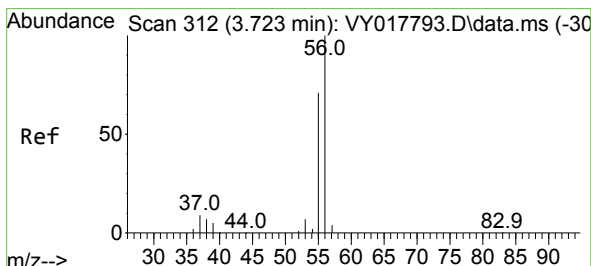
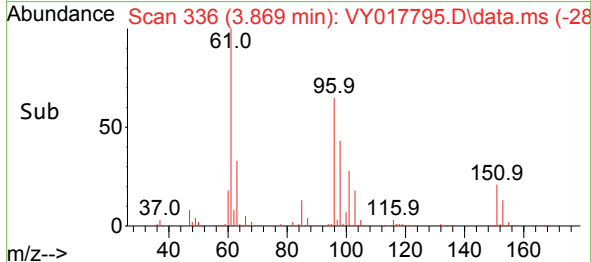
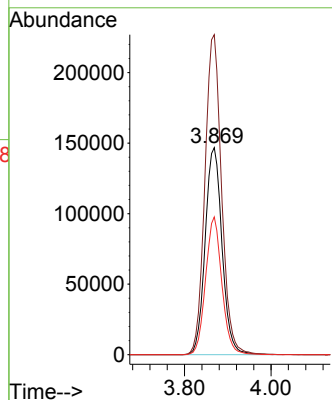
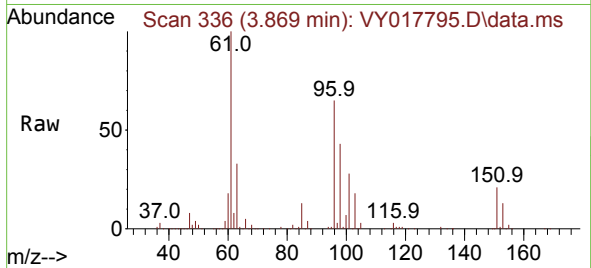




#12
1,1-Dichloroethene
Concen: 165.214 ug/l
RT: 3.869 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

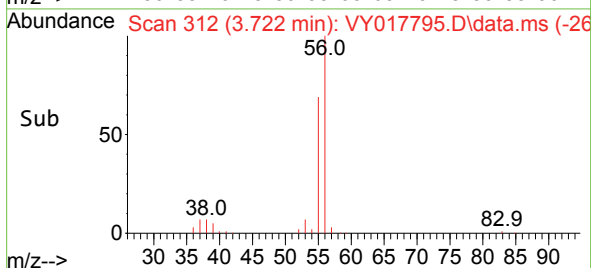
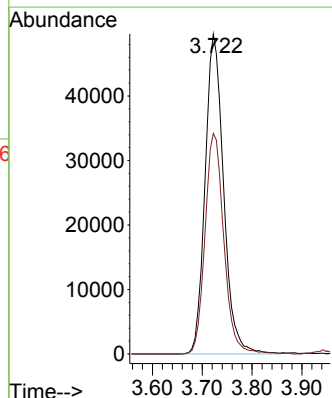
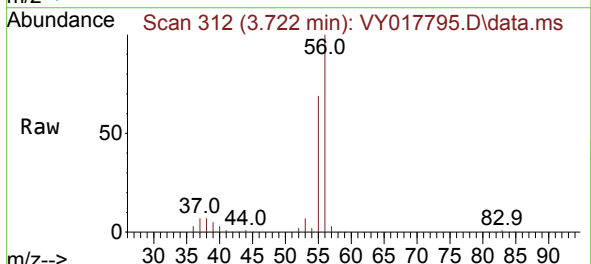
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

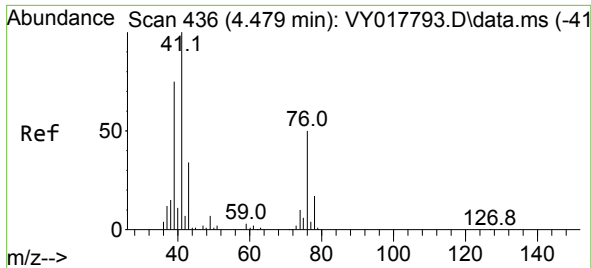
Tgt Ion: 96 Resp: 397454
Ion Ratio Lower Upper
96 100
61 154.6 114.6 171.8
98 66.6 50.8 76.2



#13
Acrolein
Concen: 818.097 ug/l
RT: 3.722 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

Tgt Ion: 56 Resp: 127811
Ion Ratio Lower Upper
56 100
55 70.3 55.7 83.5

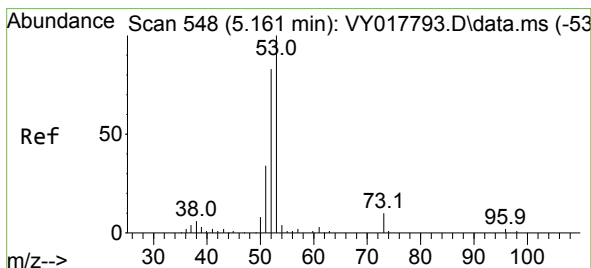
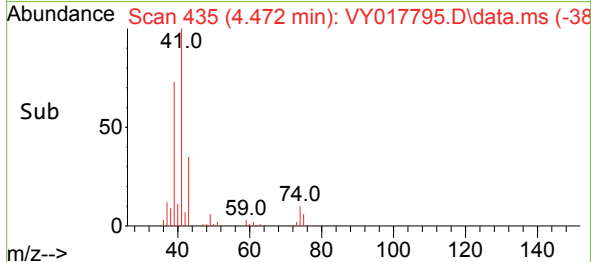
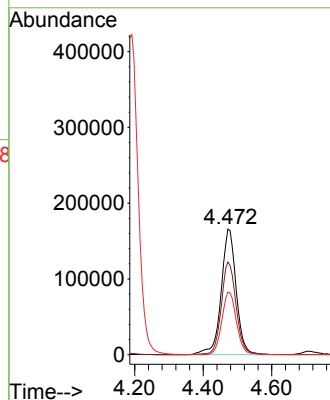
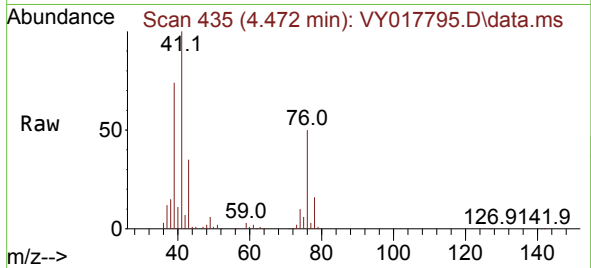




#14
 Allyl chloride
 Concen: 170.175 ug/l
 RT: 4.472 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VY017795.D
 Acq: 29 Mar 2024 16:42

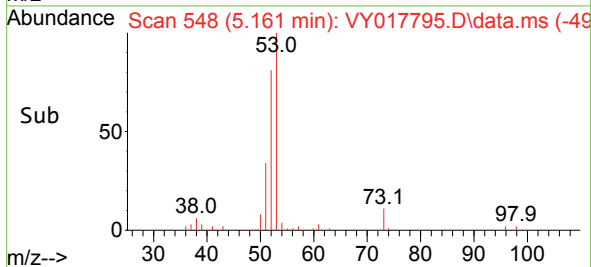
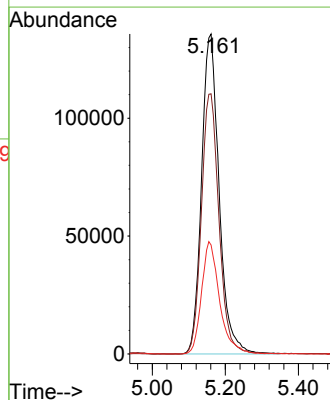
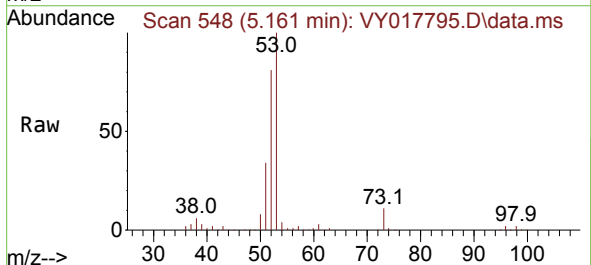
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

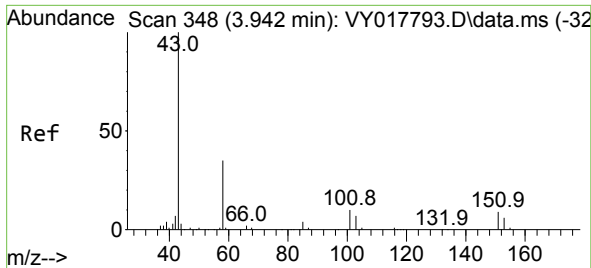
Tgt Ion: 41 Resp: 502248
 Ion Ratio Lower Upper
 41 100
 39 72.7 58.3 87.5
 76 48.3 39.0 58.6



#15
 Acrylonitrile
 Concen: 852.242 ug/l
 RT: 5.161 min Scan# 548
 Delta R.T. -0.000 min
 Lab File: VY017795.D
 Acq: 29 Mar 2024 16:42

Tgt Ion: 53 Resp: 452999
 Ion Ratio Lower Upper
 53 100
 52 81.4 64.7 97.1
 51 36.0 28.4 42.6





#16

Acetone

Concen: 827.985 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.000 min

Lab File: VY017795.D

Acq: 29 Mar 2024 16:42

Instrument :

MSVOA_Y

ClientSampleId :

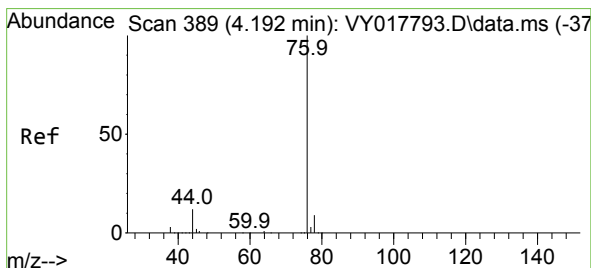
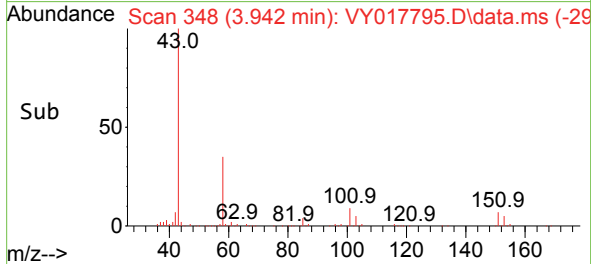
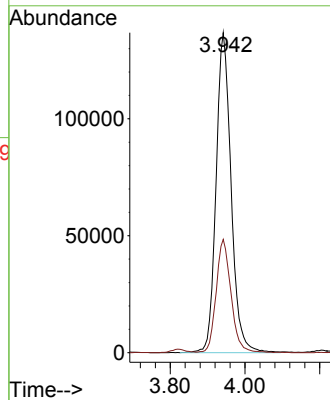
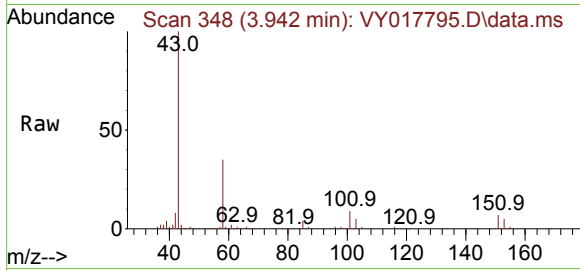
VSTDIC150

Tgt Ion: 43 Resp: 381656

Ion Ratio Lower Upper

43 100

58 35.3 31.7 47.5



#17

Carbon Disulfide

Concen: 172.156 ug/l

RT: 4.192 min Scan# 389

Delta R.T. -0.000 min

Lab File: VY017795.D

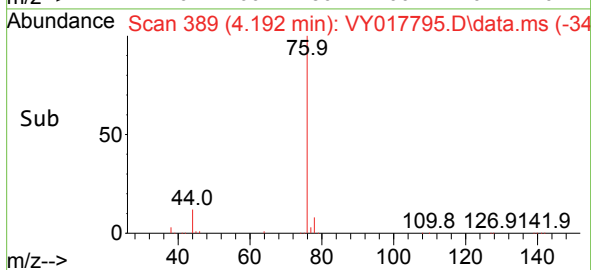
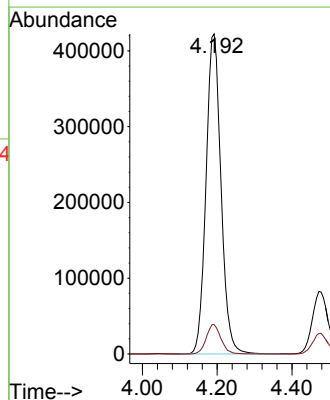
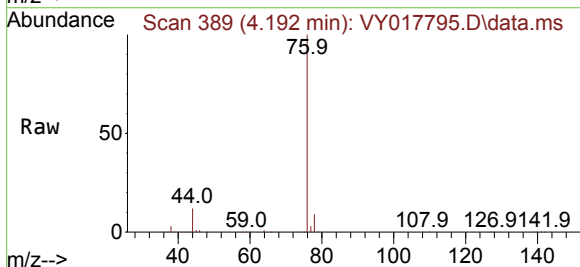
Acq: 29 Mar 2024 16:42

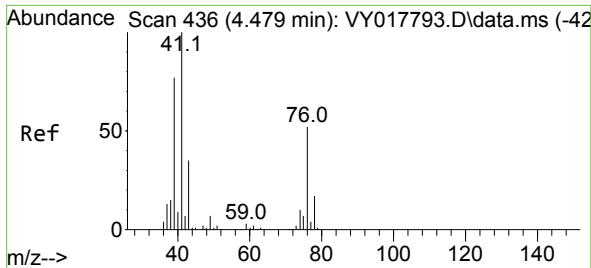
Tgt Ion: 76 Resp: 1172030

Ion Ratio Lower Upper

76 100

78 9.2 6.8 10.2

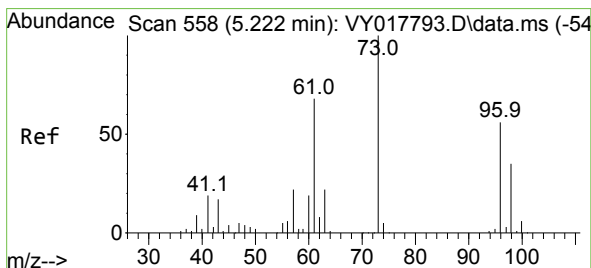
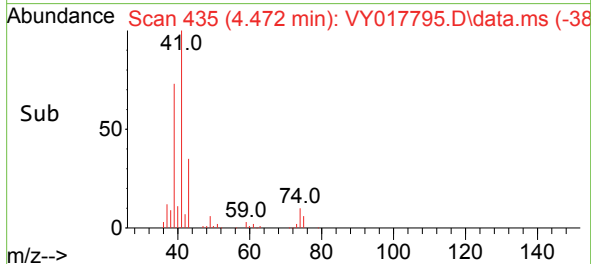
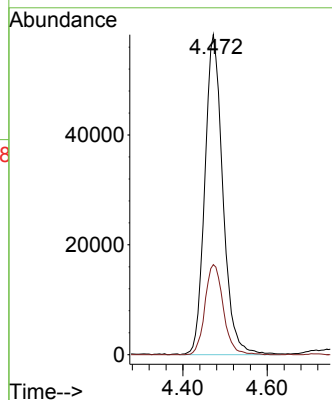
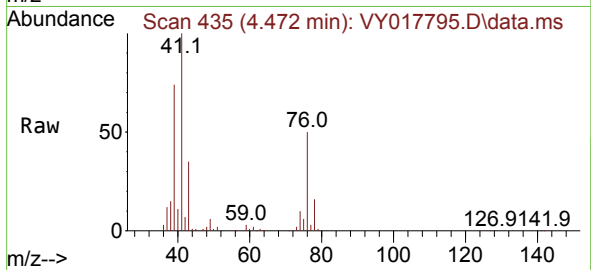




#18
Methyl Acetate
Concen: 170.123 ug/l
RT: 4.472 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

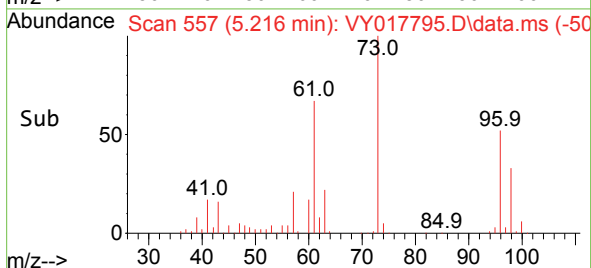
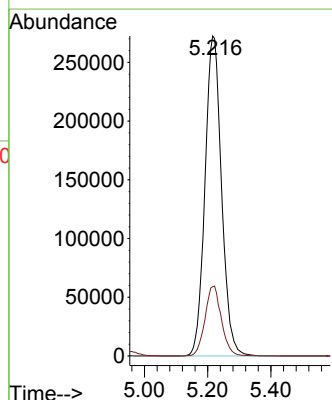
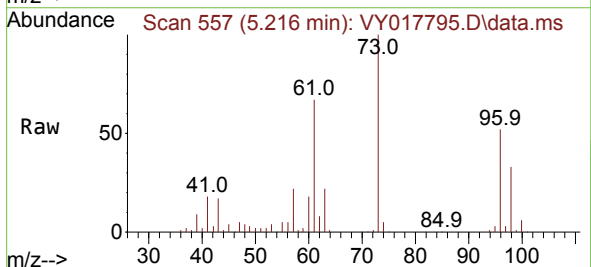
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

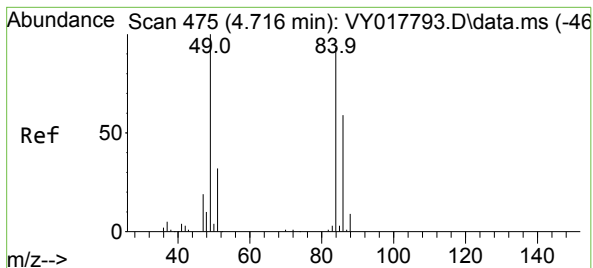
Tgt Ion: 43 Resp: 173692
Ion Ratio Lower Upper
43 100
74 28.6 23.3 34.9



#19
Methyl tert-butyl Ether
Concen: 180.174 ug/l
RT: 5.216 min Scan# 557
Delta R.T. -0.006 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

Tgt Ion: 73 Resp: 992435
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9





#20

Methylene Chloride

Concen: 154.133 ug/l

RT: 4.710 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY017795.D

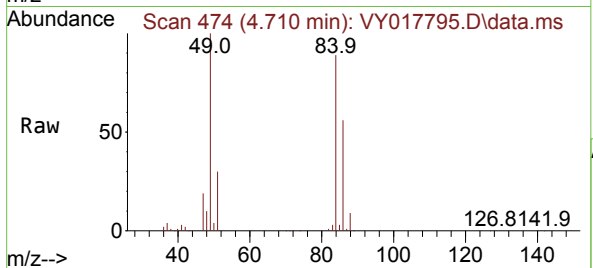
Acq: 29 Mar 2024 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150



Tgt Ion: 84 Resp: 419748

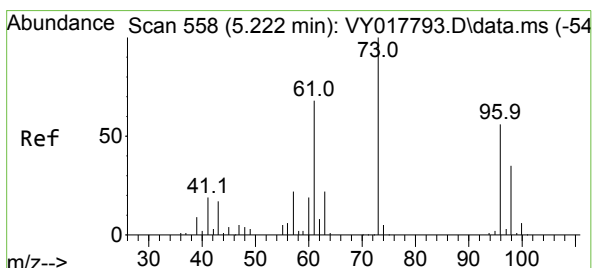
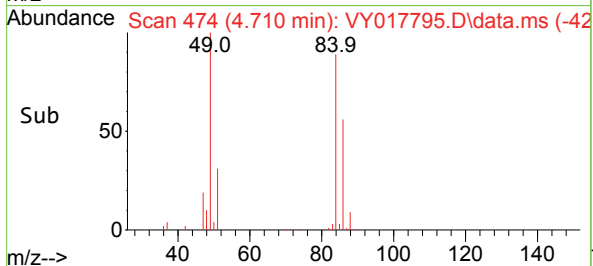
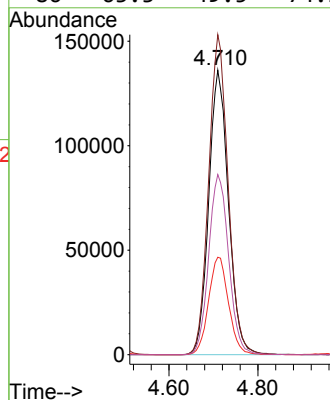
Ion Ratio Lower Upper

84 100

49 112.5 84.4 126.6

51 34.3 26.0 39.0

86 63.3 49.5 74.3



#21

trans-1,2-Dichloroethene

Concen: 170.030 ug/l

RT: 5.216 min Scan# 557

Delta R.T. -0.006 min

Lab File: VY017795.D

Acq: 29 Mar 2024 16:42

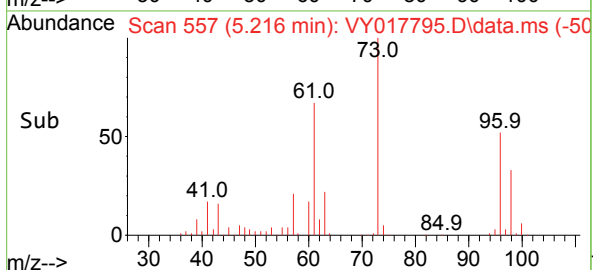
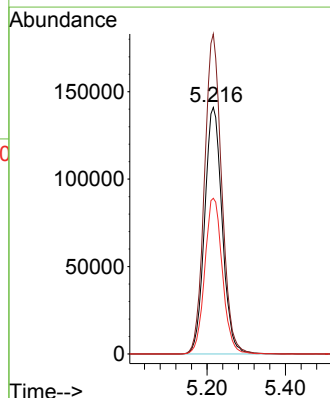
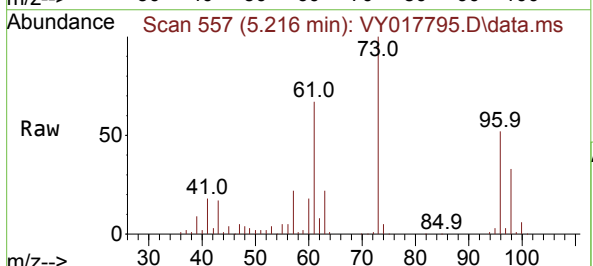
Tgt Ion: 96 Resp: 437711

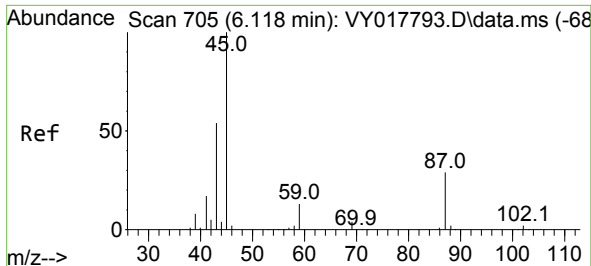
Ion Ratio Lower Upper

96 100

61 129.8 97.5 146.3

98 63.1 50.5 75.7



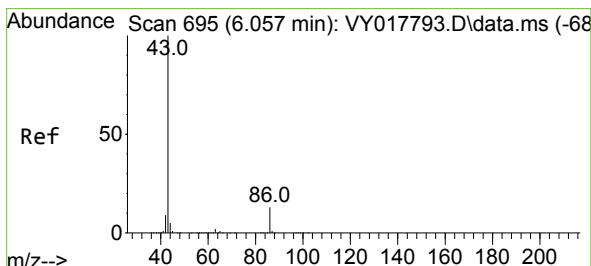
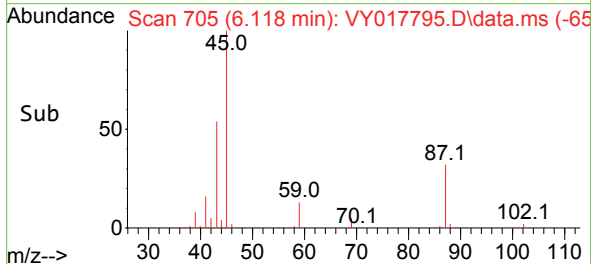
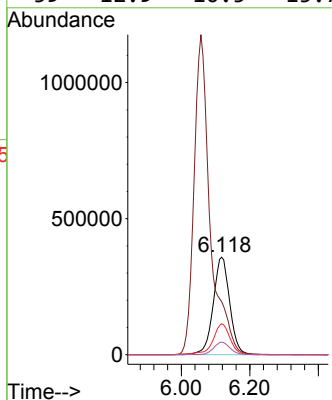
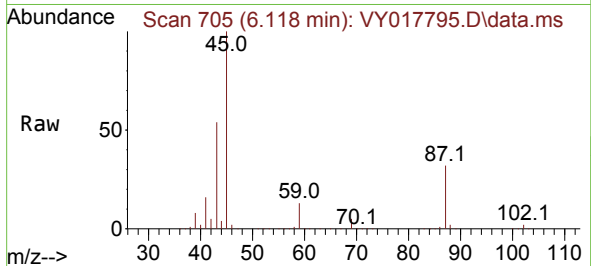


#22
Diisopropyl ether
Concen: 175.101 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 45 Resp: 1194459

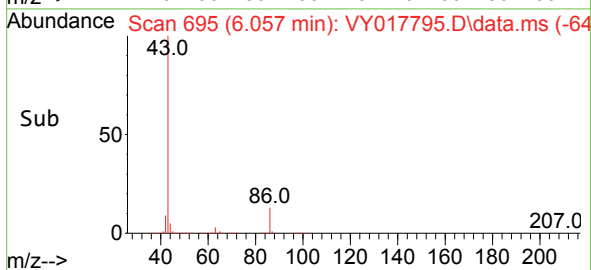
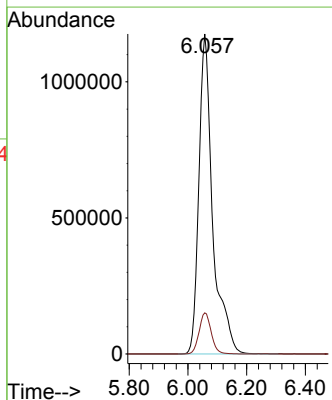
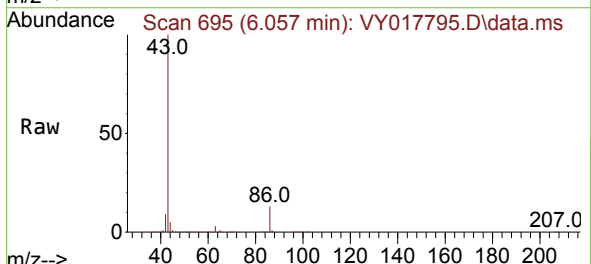
Ion	Ratio	Lower	Upper
45	100		
43	54.0	42.2	63.2
87	31.8	25.0	37.6
59	12.9	10.5	15.7

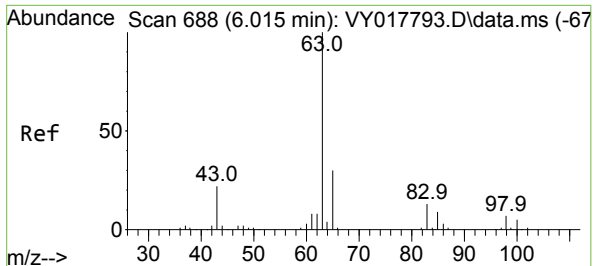


#23
Vinyl Acetate
Concen: 922.463 ug/l
RT: 6.057 min Scan# 695
Delta R.T. -0.000 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

Tgt Ion: 43 Resp: 3841978

Ion	Ratio	Lower	Upper
43	100		
86	12.8	10.6	16.0

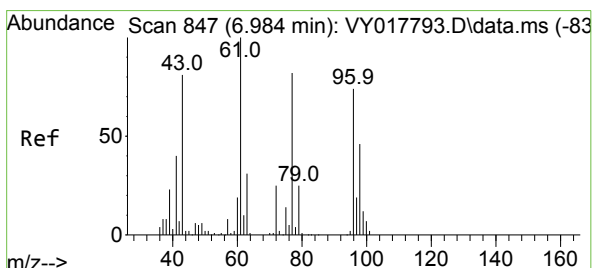
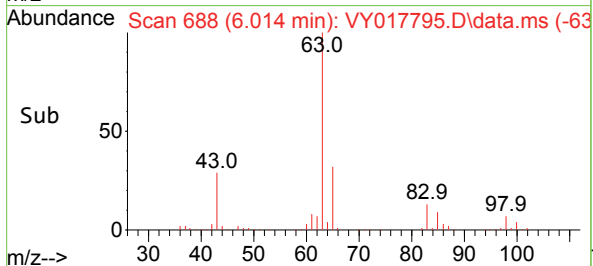
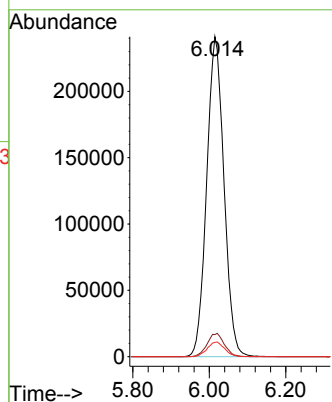
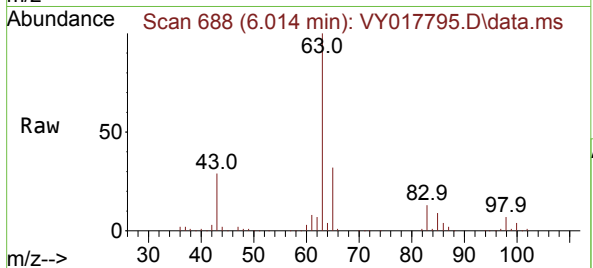




#24
1,1-Dichloroethane
Concen: 166.964 ug/l
RT: 6.014 min Scan# 61
Delta R.T. -0.000 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

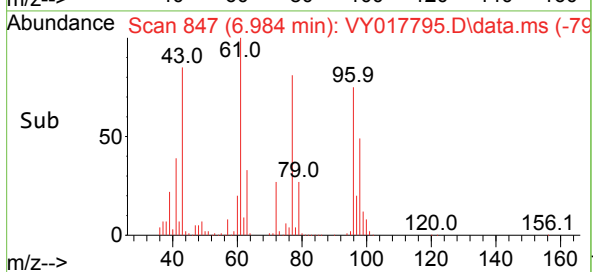
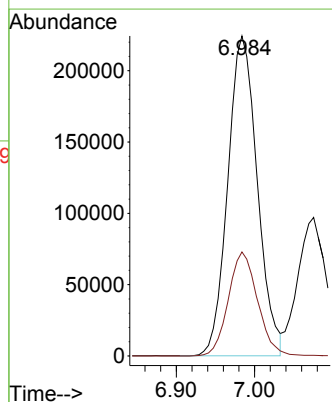
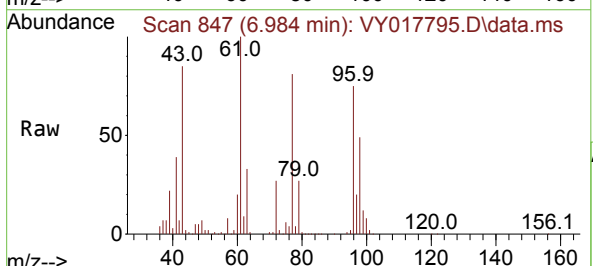
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

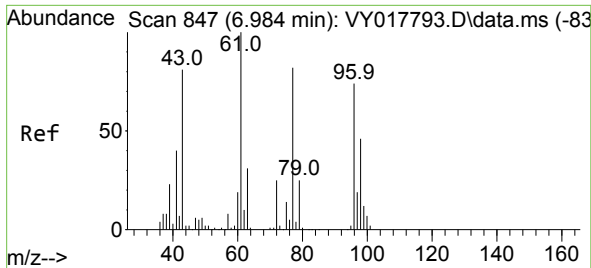
Tgt Ion: 63 Resp: 755940
Ion Ratio Lower Upper
63 100
98 6.9 4.0 12.2
100 4.4 2.6 8.0



#25
2-Butanone
Concen: 894.928 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

Tgt Ion: 43 Resp: 587654
Ion Ratio Lower Upper
43 100
72 32.5 27.3 40.9

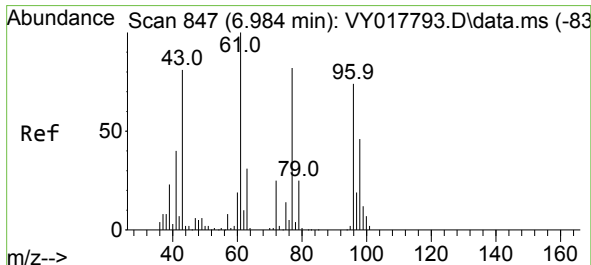
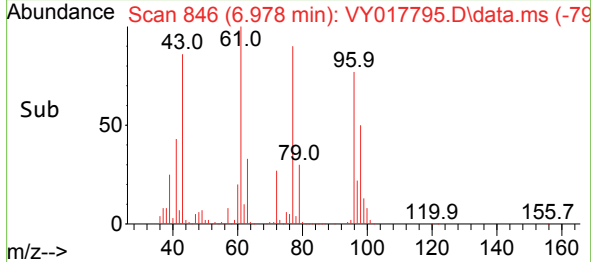
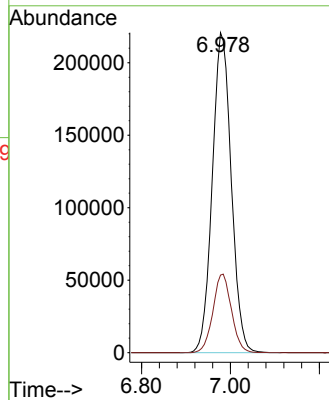
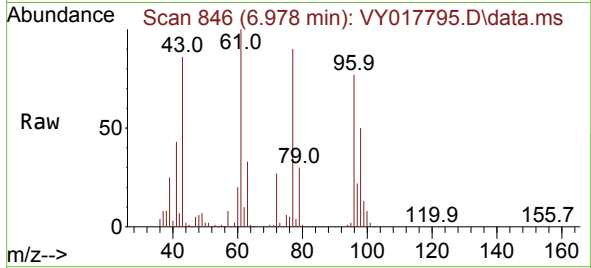




#26
2,2-Dichloropropane
Concen: 166.762 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

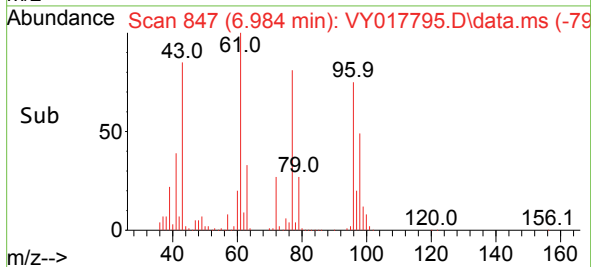
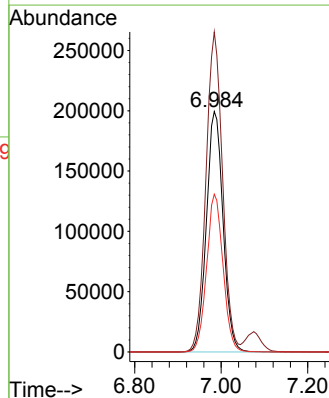
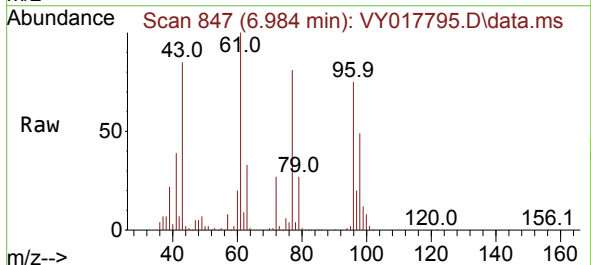
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

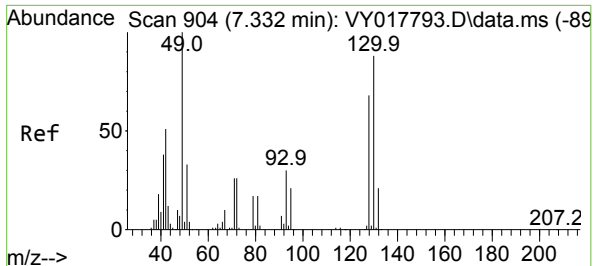
Tgt Ion: 77 Resp: 652130
Ion Ratio Lower Upper
77 100
97 24.0 12.0 36.1



#27
cis-1,2-Dichloroethene
Concen: 174.898 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

Tgt Ion: 96 Resp: 532110
Ion Ratio Lower Upper
96 100
61 132.8 0.0 256.2
98 64.6 0.0 130.0

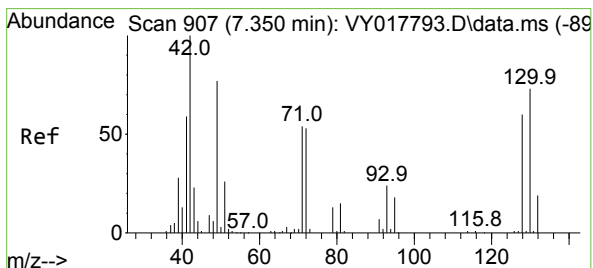
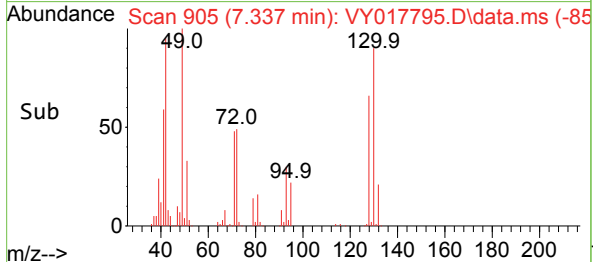
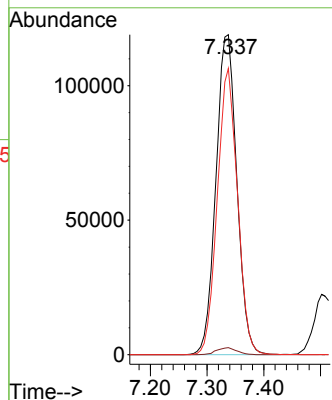
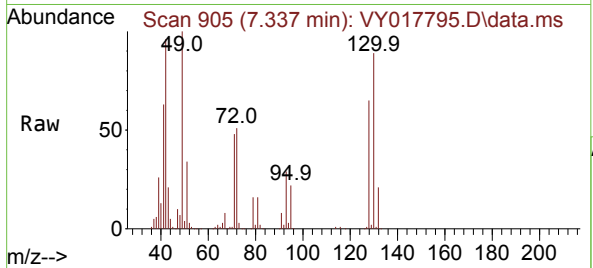




#28
Bromochloromethane
Concen: 165.405 ug/l
RT: 7.337 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

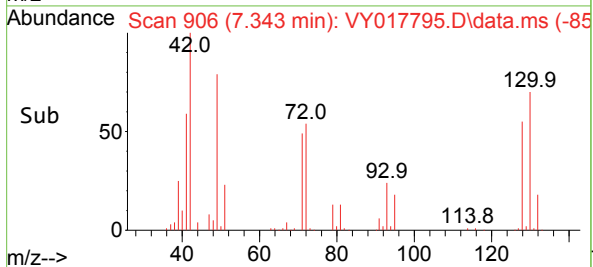
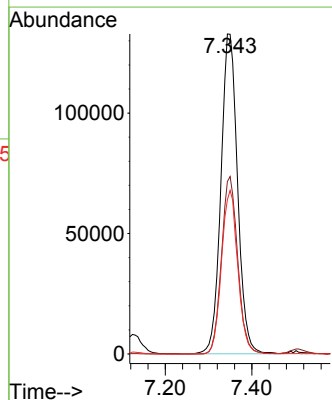
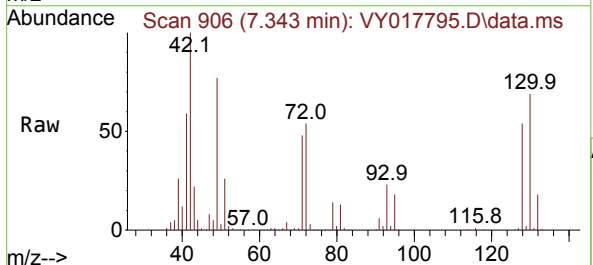
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

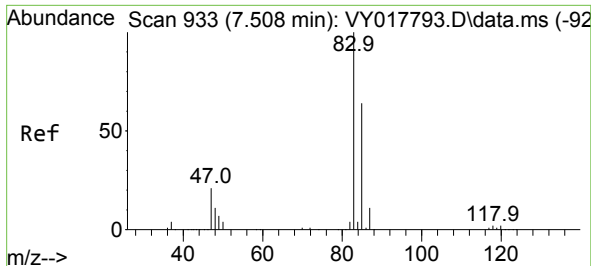
Tgt Ion: 49 Resp: 304544
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.6
130 86.4 72.7 109.1



#29
Tetrahydrofuran
Concen: 902.571 ug/l
RT: 7.343 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

Tgt Ion: 42 Resp: 355622
Ion Ratio Lower Upper
42 100
72 54.1 43.0 64.4
71 50.0 40.8 61.2

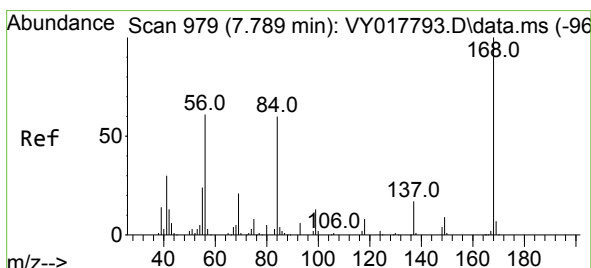
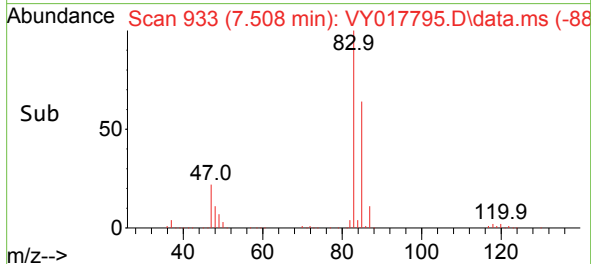
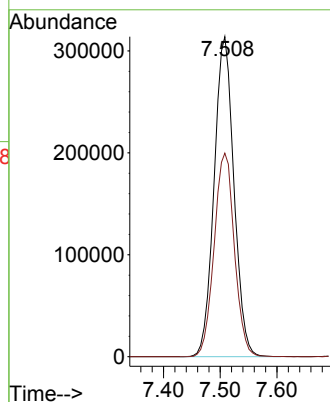
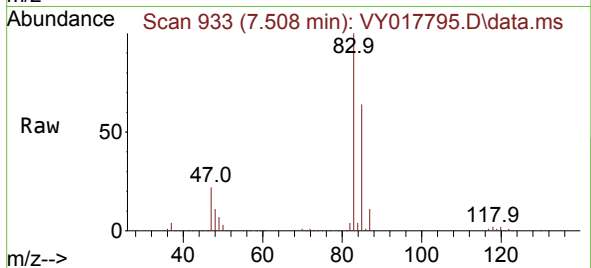




#30
Chloroform
Concen: 162.201 ug/l
RT: 7.508 min Scan# 913
Delta R.T. -0.000 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

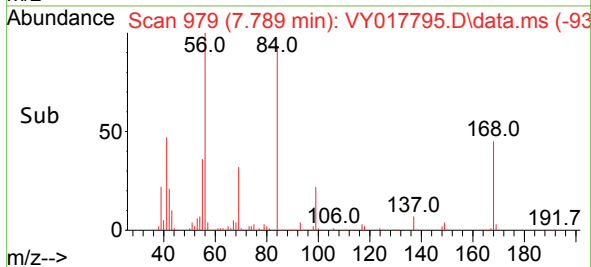
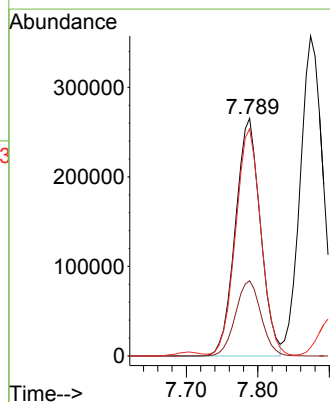
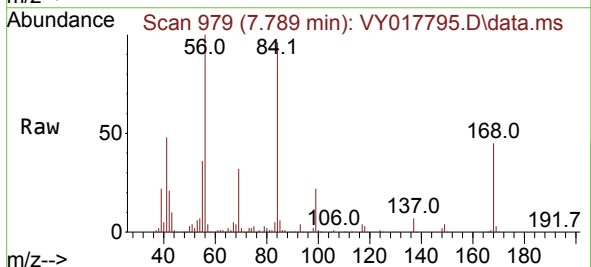
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

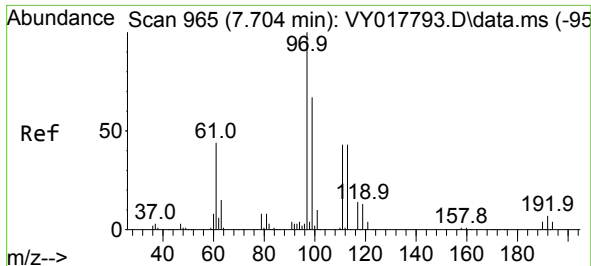
Tgt Ion: 83 Resp: 761957
Ion Ratio Lower Upper
83 100
85 63.6 52.2 78.4



#31
Cyclohexane
Concen: 164.497 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

Tgt Ion: 56 Resp: 646204
Ion Ratio Lower Upper
56 100
69 31.6 28.7 43.1
84 94.3 77.7 116.5





#32

1,1,1-Trichloroethane

Concen: 167.305 ug/l

RT: 7.703 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY017795.D

Acq: 29 Mar 2024 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

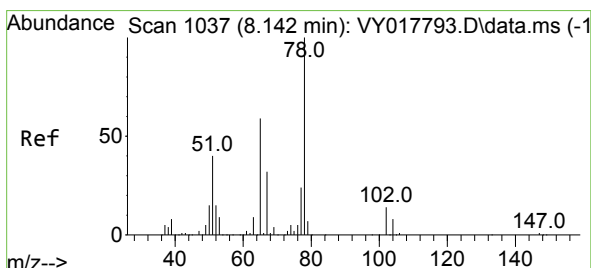
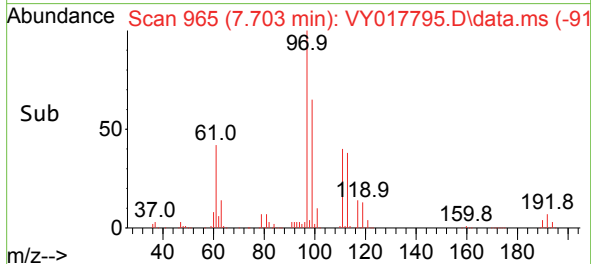
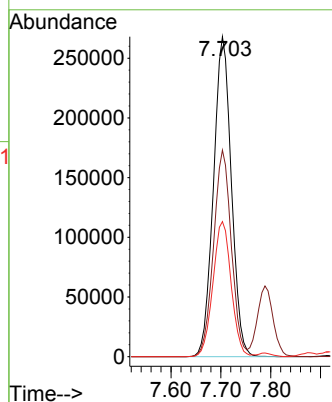
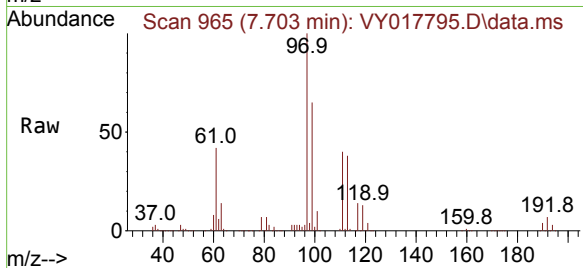
Tgt Ion: 97 Resp: 668929

Ion Ratio Lower Upper

97 100

99 64.1 50.3 75.5

61 43.1 32.6 48.8



#33

1,2-Dichloroethane-d4

Concen: 155.605 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY017795.D

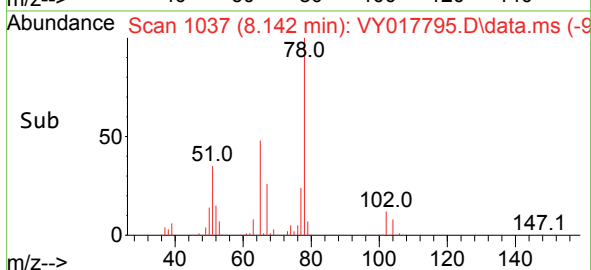
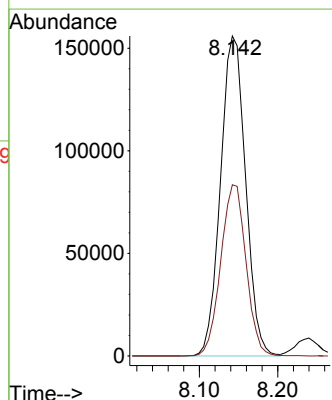
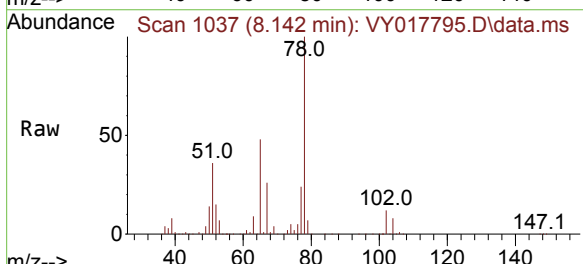
Acq: 29 Mar 2024 16:42

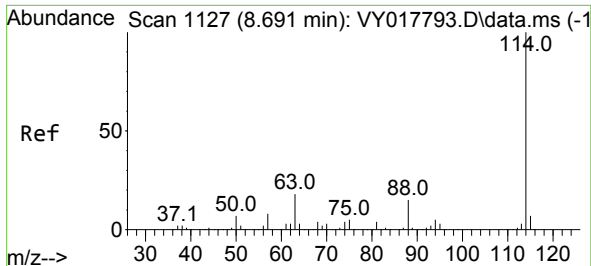
Tgt Ion: 65 Resp: 346989

Ion Ratio Lower Upper

65 100

67 53.9 0.0 109.6

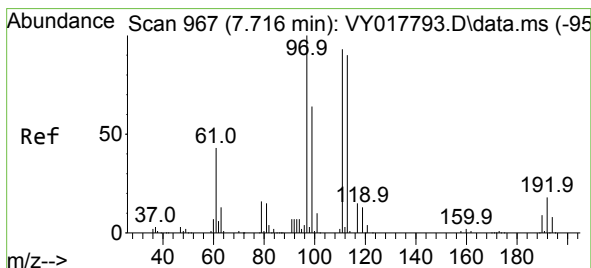
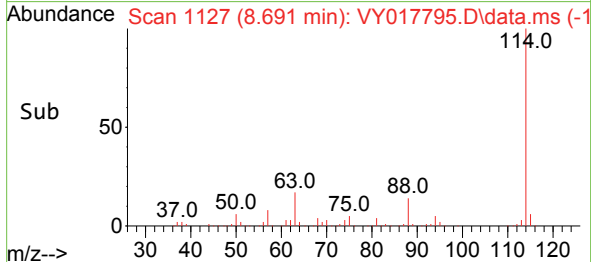
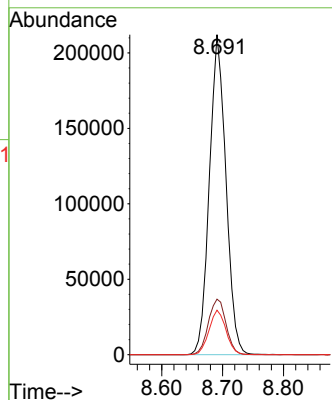
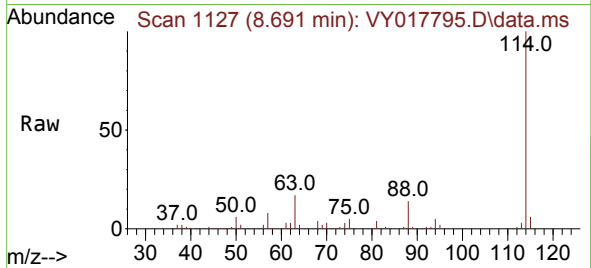




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

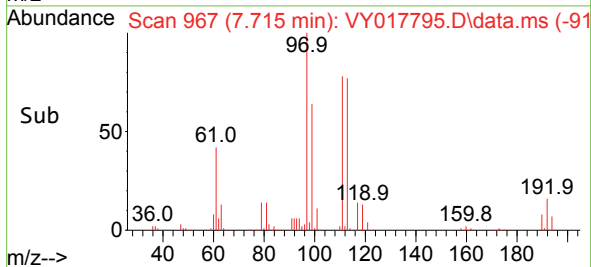
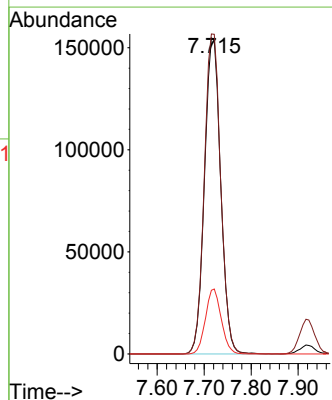
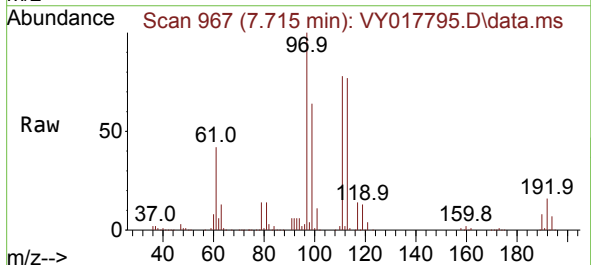
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

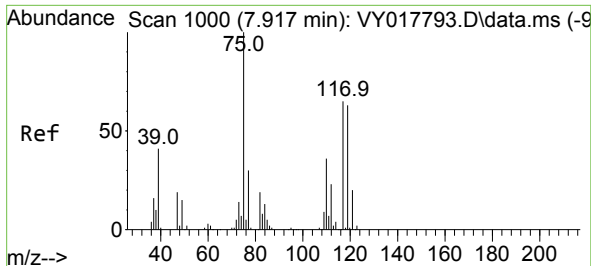
Tgt Ion:114 Resp: 399609
Ion Ratio Lower Upper
114 100
63 17.3 0.0 35.0
88 13.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 159.926 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

Tgt Ion:113 Resp: 369288
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 20.1 15.9 23.9

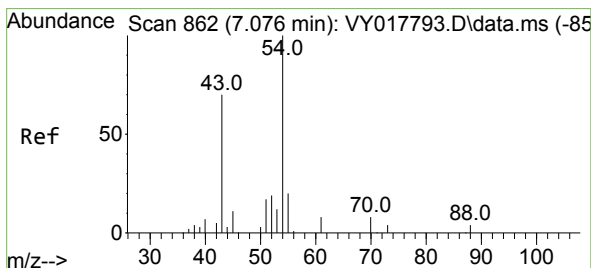
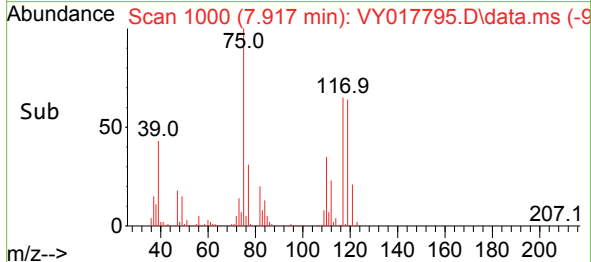
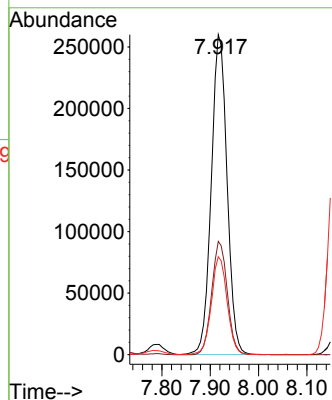
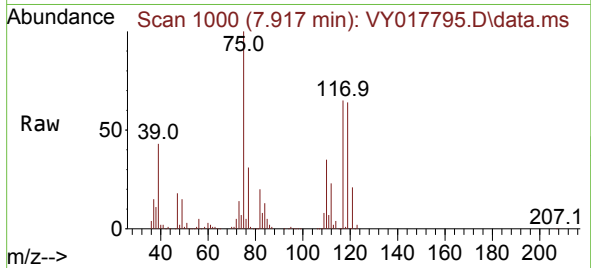




#36
1,1-Dichloropropene
Concen: 174.771 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

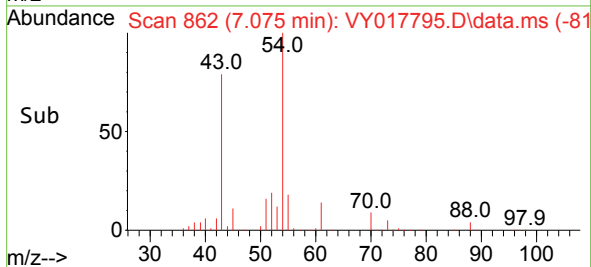
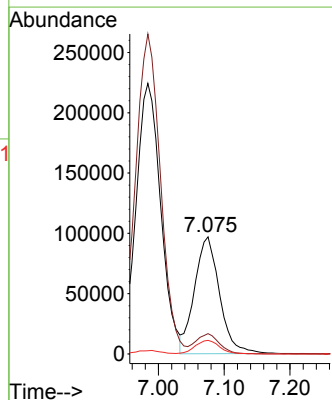
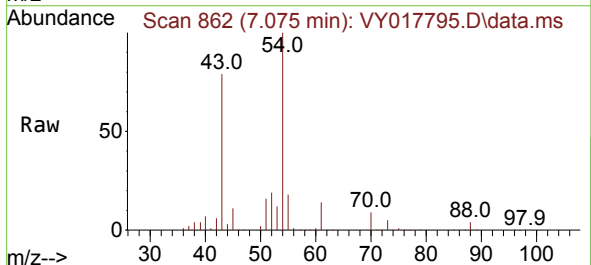
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

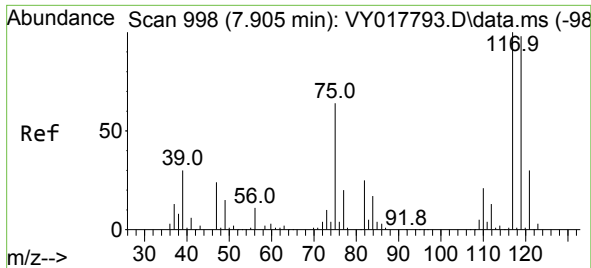
Tgt Ion: 75 Resp: 588832
Ion Ratio Lower Upper
75 100
110 35.0 19.0 57.0
77 30.5 25.3 37.9



#37
Ethyl Acetate
Concen: 175.803 ug/l
RT: 7.075 min Scan# 862
Delta R.T. -0.000 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

Tgt Ion: 43 Resp: 255610
Ion Ratio Lower Upper
43 100
61 16.3 12.6 19.0
70 11.4 7.8 11.8

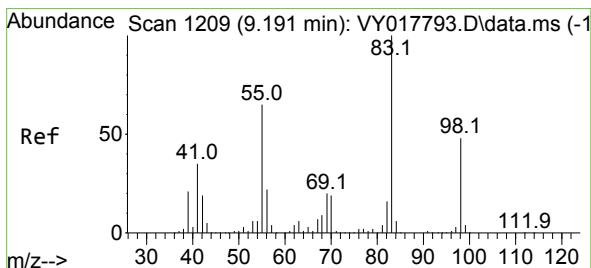
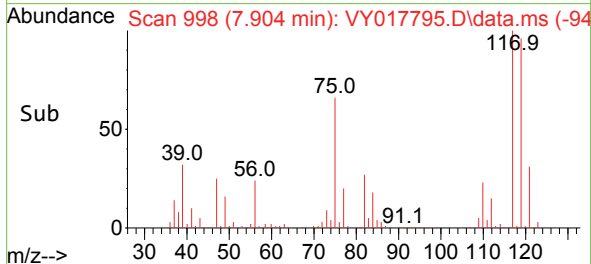
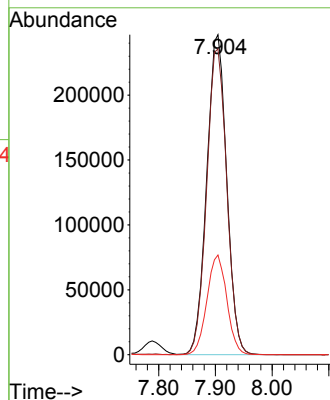
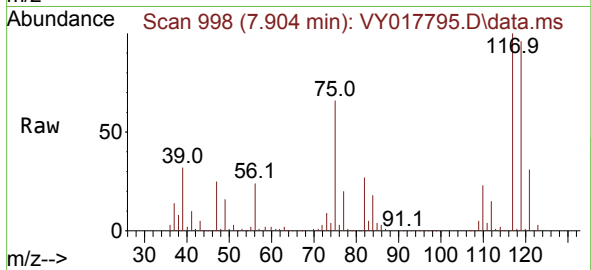




#38
Carbon Tetrachloride
Concen: 172.655 ug/l
RT: 7.904 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

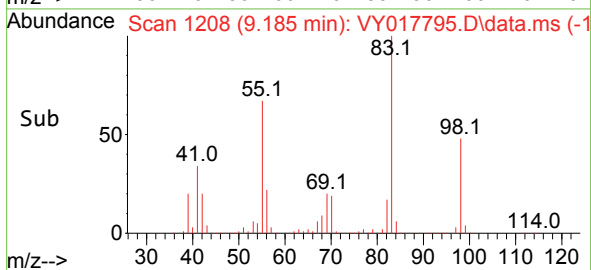
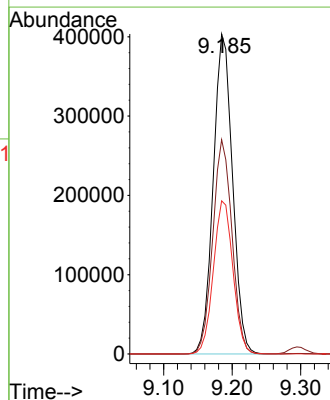
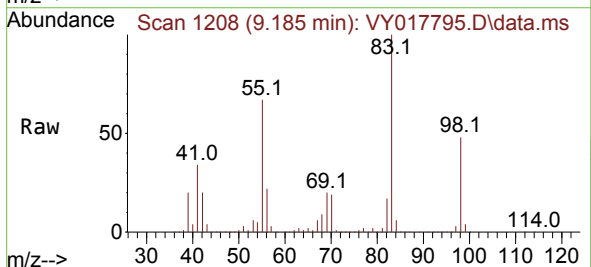
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

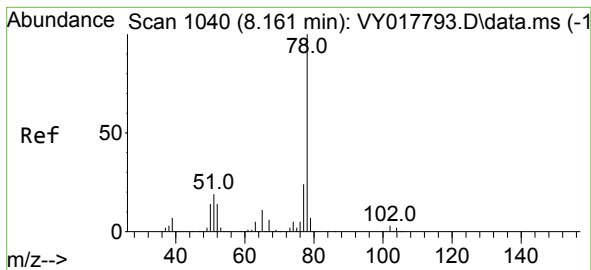
Tgt Ion:117 Resp: 603883
Ion Ratio Lower Upper
117 100
119 95.5 75.8 113.6
121 31.2 24.0 36.0



#39
Methylcyclohexane
Concen: 187.094 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

Tgt Ion: 83 Resp: 787378
Ion Ratio Lower Upper
83 100
55 66.9 51.5 77.3
98 47.8 40.5 60.7





#40

Benzene

Concen: 171.389 ug/l

RT: 8.160 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY017795.D

Acq: 29 Mar 2024 16:42

Instrument :

MSVOA_Y

ClientSampleId :

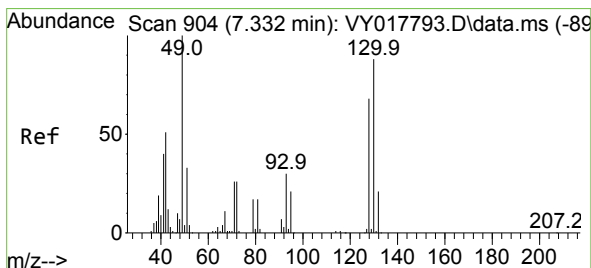
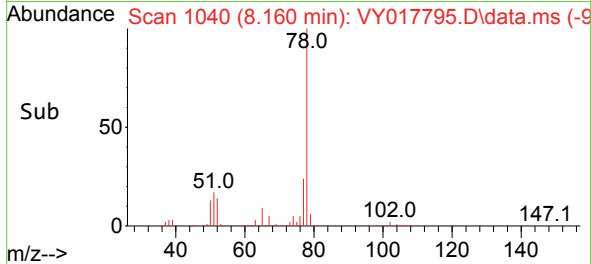
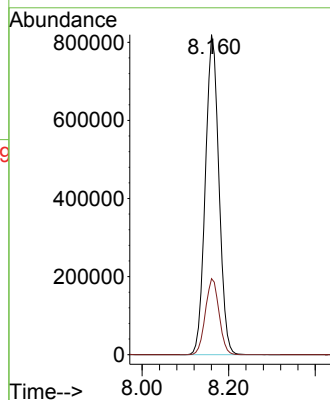
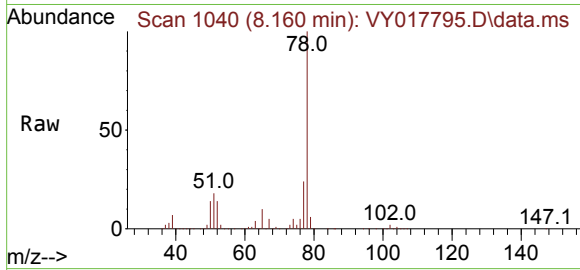
VSTDIC150

Tgt Ion: 78 Resp: 1779554

Ion Ratio Lower Upper

78 100

77 23.8 19.5 29.3



#41

Methacrylonitrile

Concen: 120.644 ug/l

RT: 7.313 min Scan# 901

Delta R.T. -0.019 min

Lab File: VY017795.D

Acq: 29 Mar 2024 16:42

Tgt Ion: 41 Resp: 127592

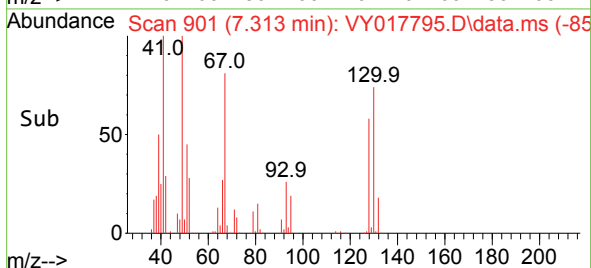
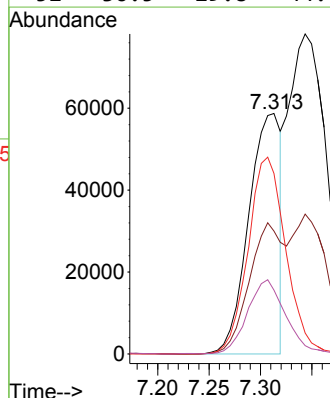
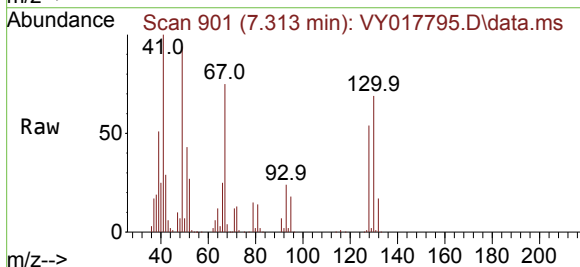
Ion Ratio Lower Upper

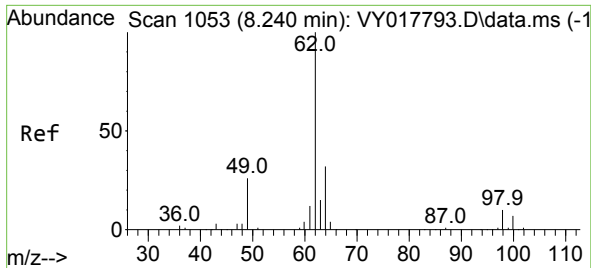
41 100

39 60.0 48.0 72.0

67 96.4 75.1 112.7

52 36.5 29.8 44.6

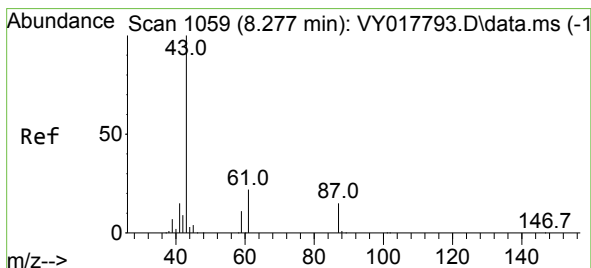
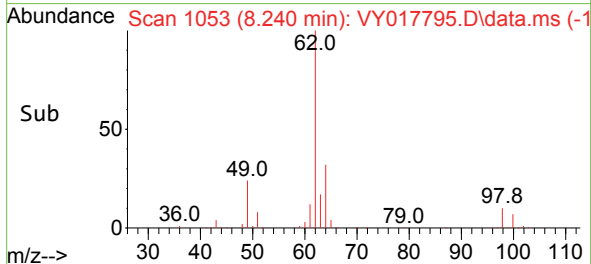
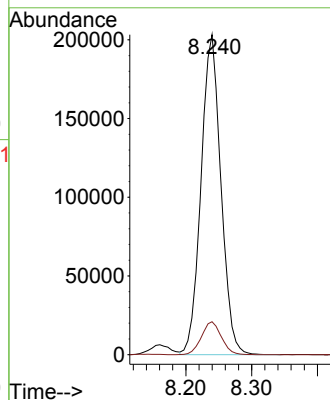
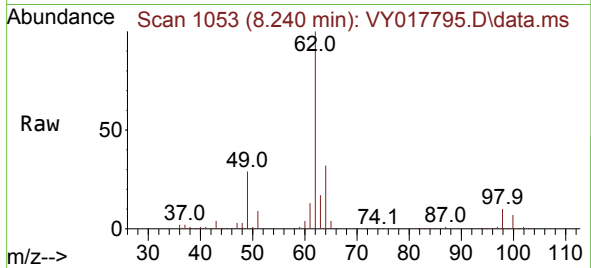




#42
1,2-Dichloroethane
Concen: 167.130 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

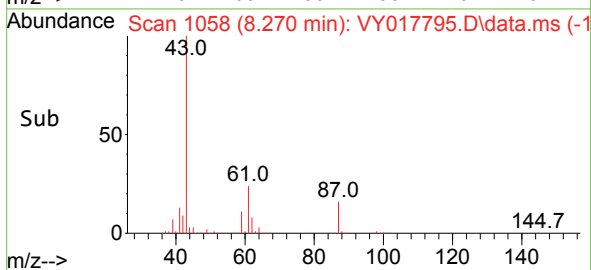
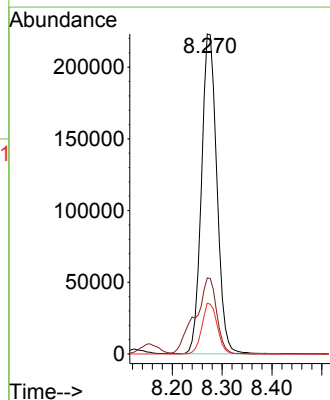
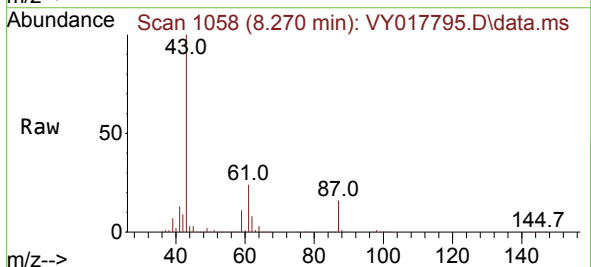
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

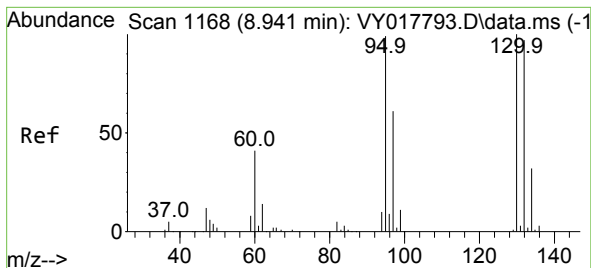
Tgt Ion: 62 Resp: 427121
Ion Ratio Lower Upper
62 100
98 10.3 0.0 22.0



#43
Isopropyl Acetate
Concen: 181.080 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

Tgt Ion: 43 Resp: 477797
Ion Ratio Lower Upper
43 100
61 33.1 27.9 41.9
87 15.8 13.1 19.7





#44

Trichloroethene

Concen: 168.935 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VY017795.D

Acq: 29 Mar 2024 16:42

Instrument :

MSVOA_Y

ClientSampleId :

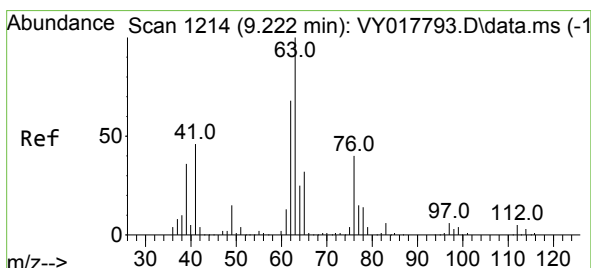
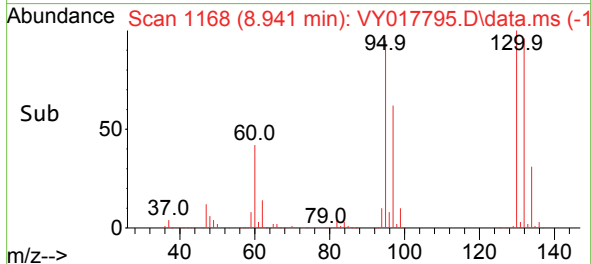
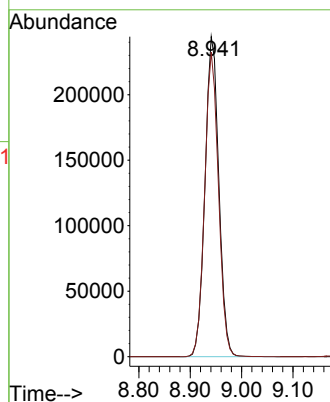
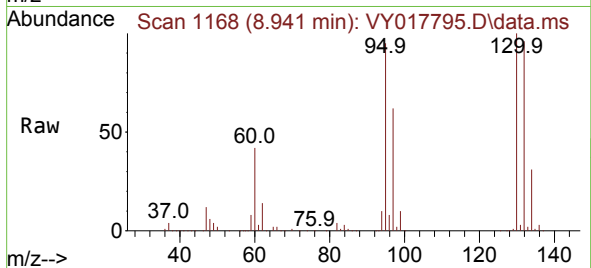
VSTDIC150

Tgt Ion:130 Resp: 456360

Ion Ratio Lower Upper

130 100

95 95.2 0.0 188.0



#45

1,2-Dichloropropane

Concen: 172.327 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.006 min

Lab File: VY017795.D

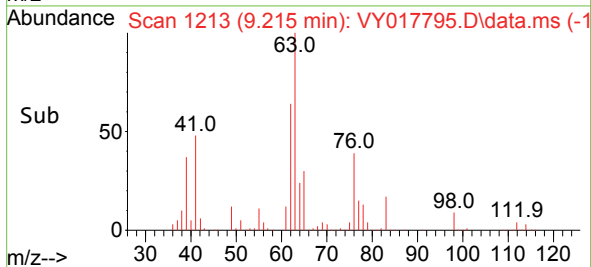
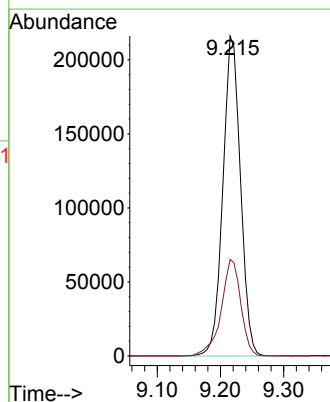
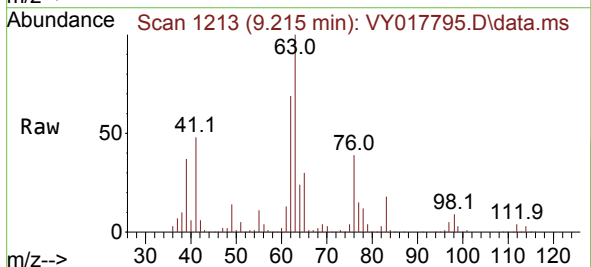
Acq: 29 Mar 2024 16:42

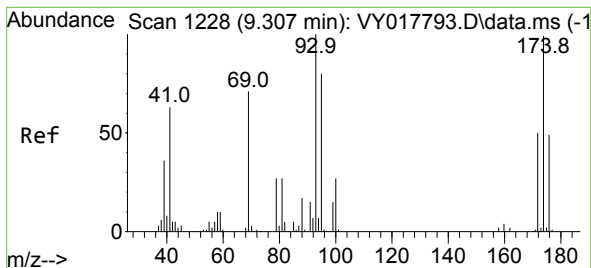
Tgt Ion: 63 Resp: 415776

Ion Ratio Lower Upper

63 100

65 30.2 25.4 38.2





#46

Dibromomethane

Concen: 172.137 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY017795.D

Acq: 29 Mar 2024 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

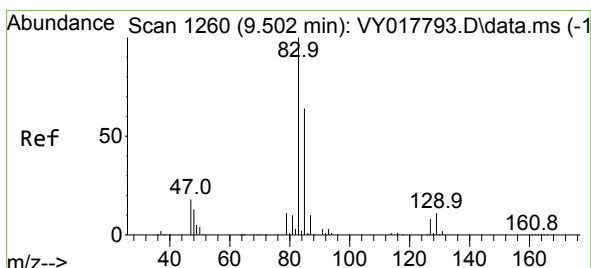
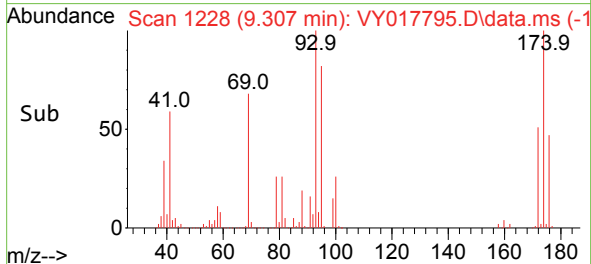
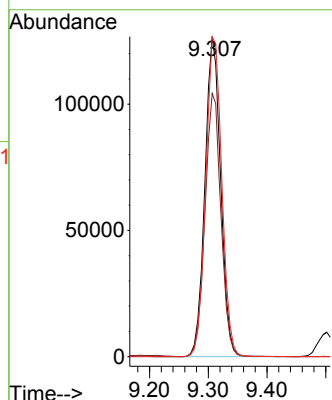
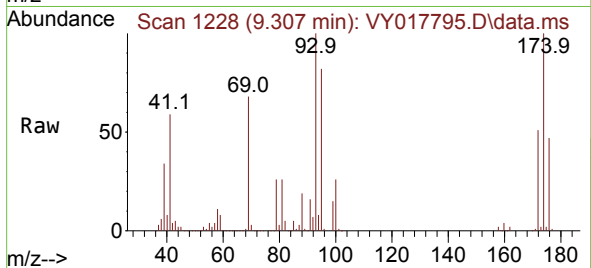
Tgt Ion: 93 Resp: 235956

Ion Ratio Lower Upper

93 100

95 83.2 66.2 99.4

174 101.8 80.9 121.3



#47

Bromodichloromethane

Concen: 168.536 ug/l

RT: 9.502 min Scan# 1260

Delta R.T. -0.000 min

Lab File: VY017795.D

Acq: 29 Mar 2024 16:42

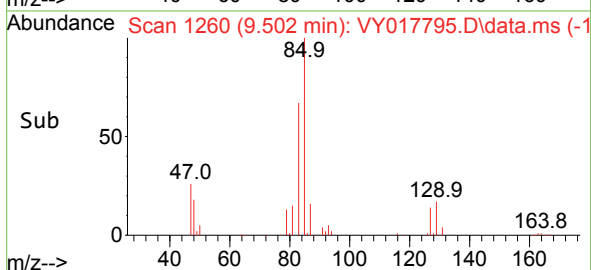
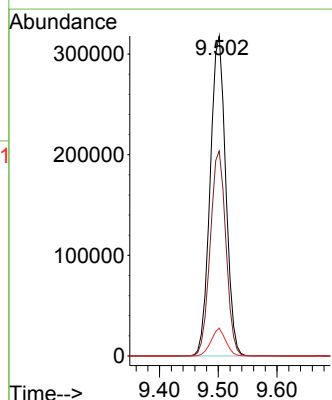
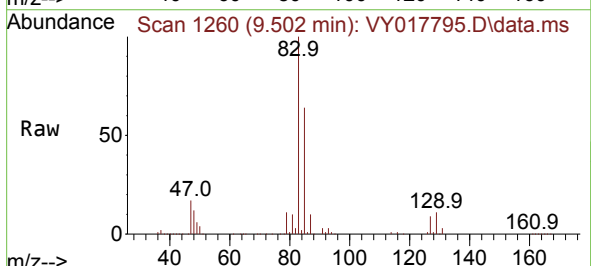
Tgt Ion: 83 Resp: 583735

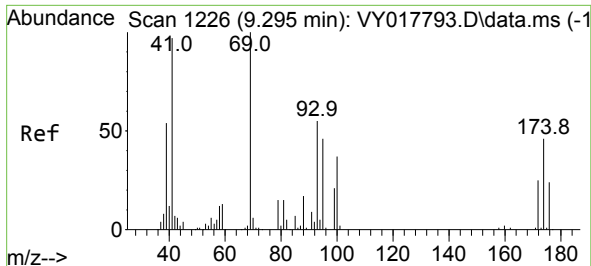
Ion Ratio Lower Upper

83 100

85 64.1 50.1 75.1

127 8.7 7.4 11.0





#48

Methyl methacrylate

Concen: 149.564 ug/l

RT: 9.294 min Scan# 1226

Delta R.T. -0.001 min

Lab File: VY017795.D

Acq: 29 Mar 2024 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

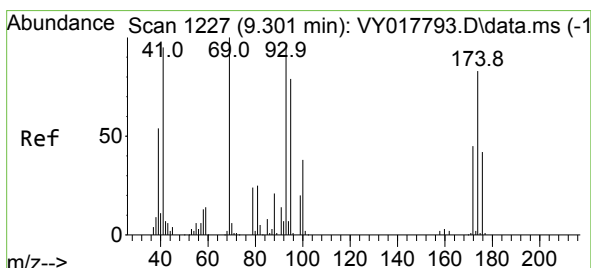
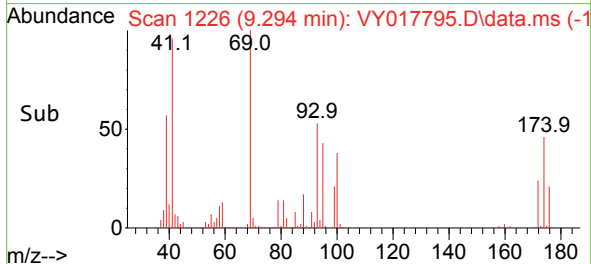
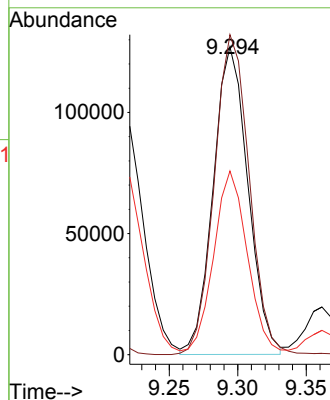
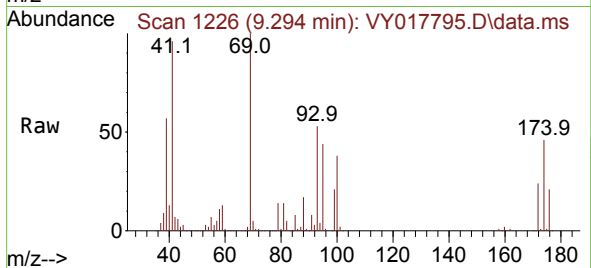
Tgt Ion: 41 Resp: 223961

Ion Ratio Lower Upper

41 100

69 104.8 84.1 126.1

39 55.9 43.6 65.4



#49

1,4-Dioxane

Concen: 3649.373 ug/l

RT: 9.300 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY017795.D

Acq: 29 Mar 2024 16:42

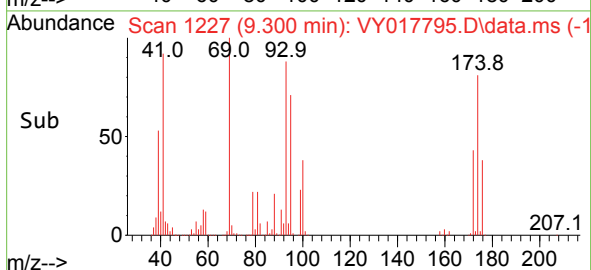
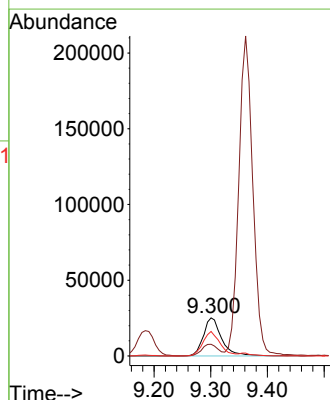
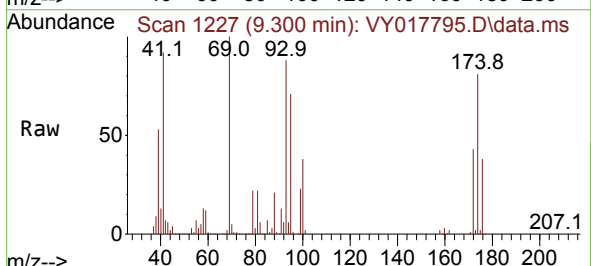
Tgt Ion: 88 Resp: 56157

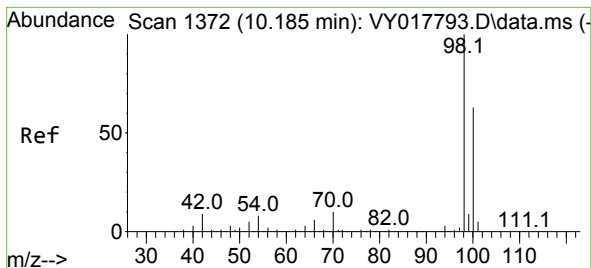
Ion Ratio Lower Upper

88 100

43 27.8 0.0 0.0#

58 61.1 49.3 73.9

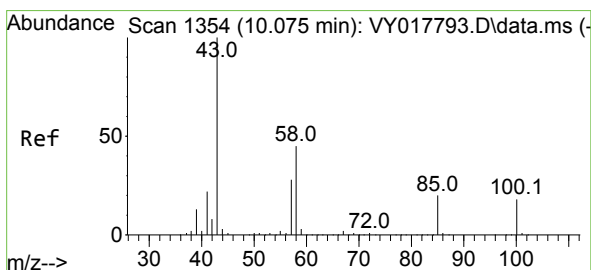
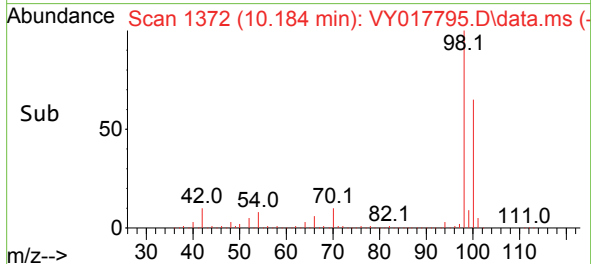
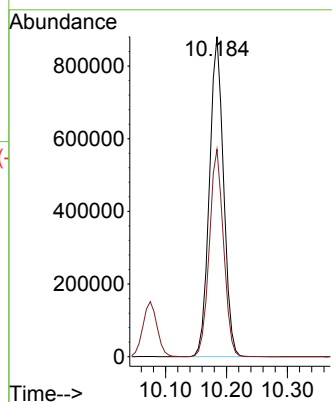
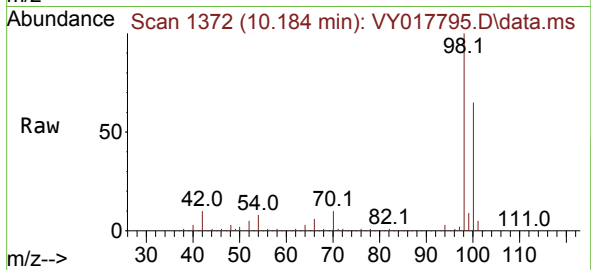




#50
Toluene-d8
Concen: 164.563 ug/l
RT: 10.184 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

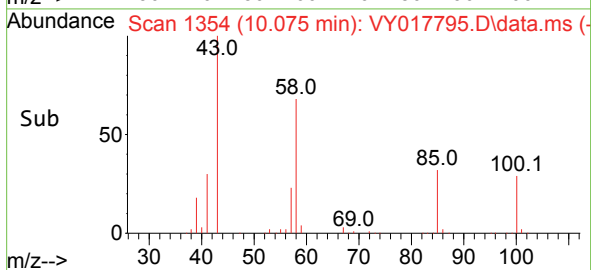
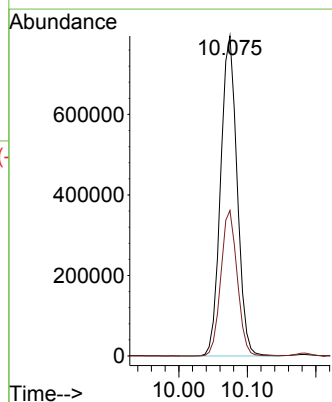
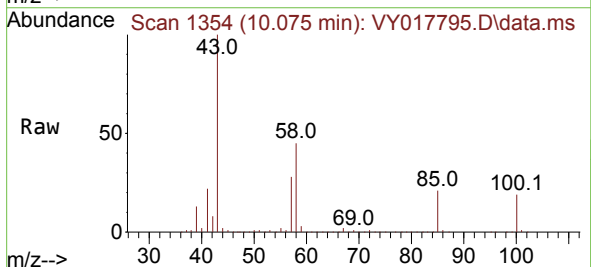
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

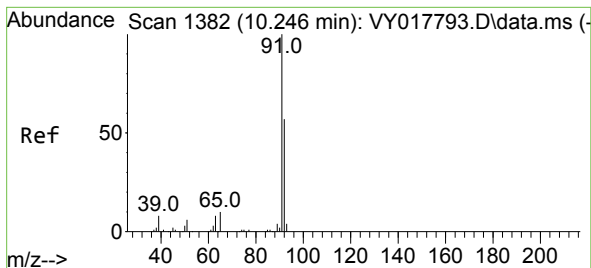
Tgt Ion: 98 Resp: 1419447
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 748.789 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

Tgt Ion: 43 Resp: 1321785
Ion Ratio Lower Upper
43 100
58 45.2 35.7 53.5





#52

Toluene

Concen: 176.465 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.006 min

Lab File: VY017795.D

Acq: 29 Mar 2024 16:42

Instrument :

MSVOA_Y

ClientSampleId :

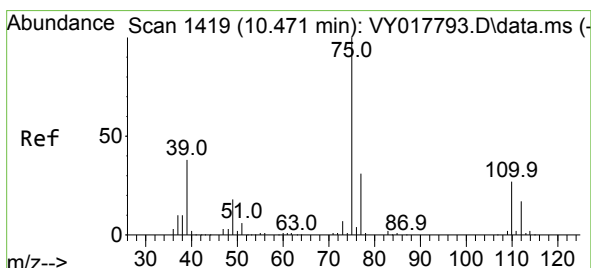
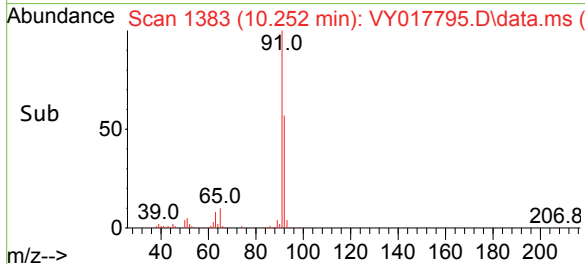
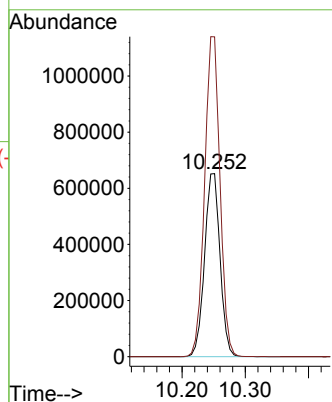
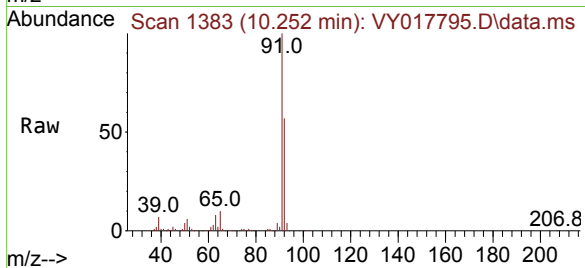
VSTDIC150

Tgt Ion: 92 Resp: 1111389

Ion Ratio Lower Upper

92 100

91 173.8 139.0 208.6



#53

t-1,3-Dichloropropene

Concen: 184.401 ug/l

RT: 10.471 min Scan# 1419

Delta R.T. -0.000 min

Lab File: VY017795.D

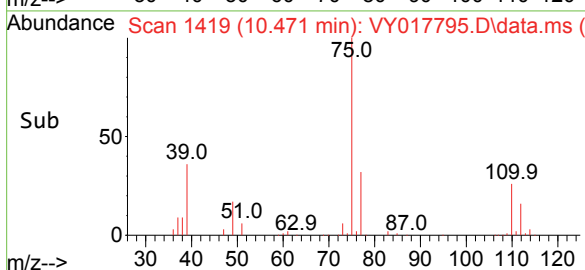
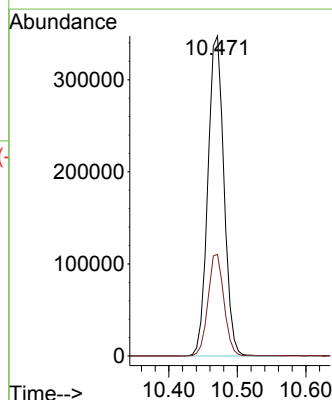
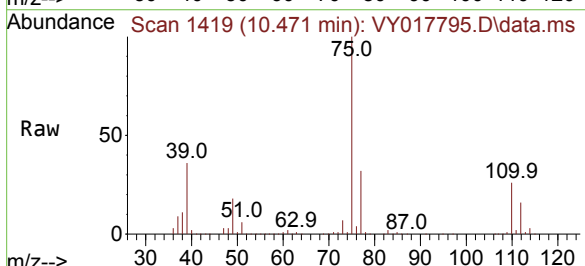
Acq: 29 Mar 2024 16:42

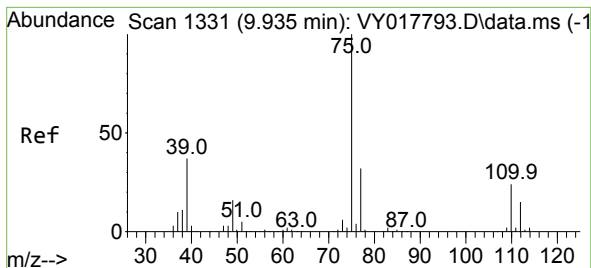
Tgt Ion: 75 Resp: 567093

Ion Ratio Lower Upper

75 100

77 31.8 24.1 36.1





#54

cis-1,3-Dichloropropene

Concen: 177.171 ug/l

RT: 9.934 min Scan# 1331

Delta R.T. -0.000 min

Lab File: VY017795.D

Acq: 29 Mar 2024 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

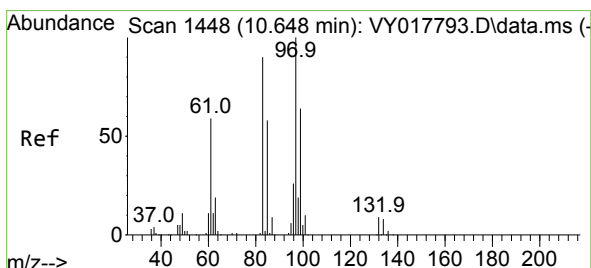
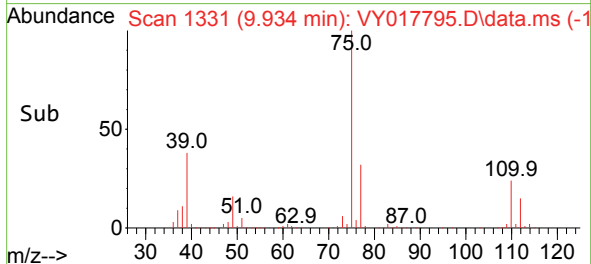
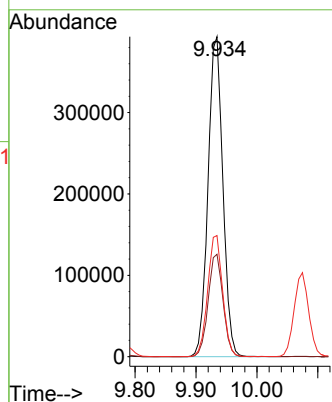
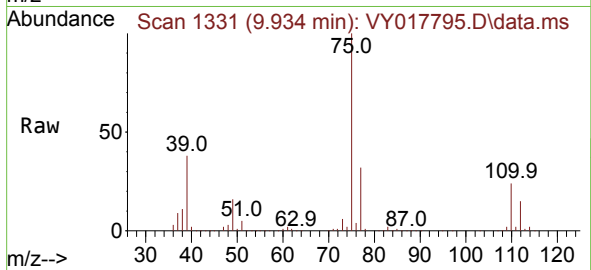
Tgt Ion: 75 Resp: 664982

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0

39 37.8 29.8 44.6



#55

1,1,2-Trichloroethane

Concen: 171.562 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VY017795.D

Acq: 29 Mar 2024 16:42

Tgt Ion: 97 Resp: 313356

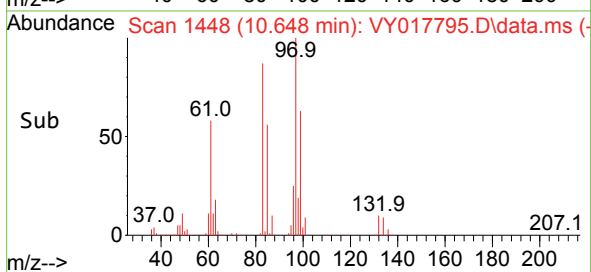
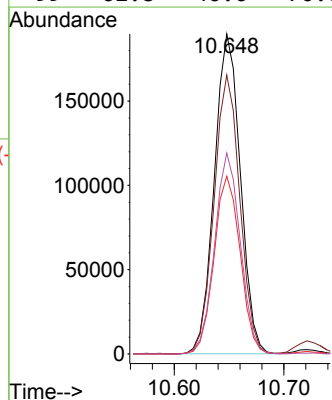
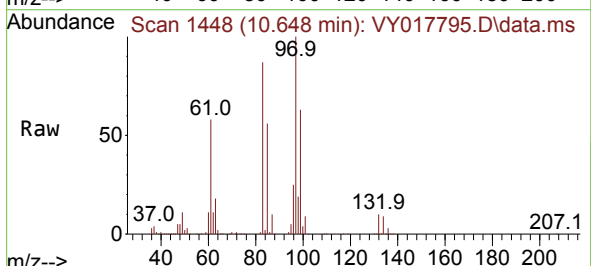
Ion Ratio Lower Upper

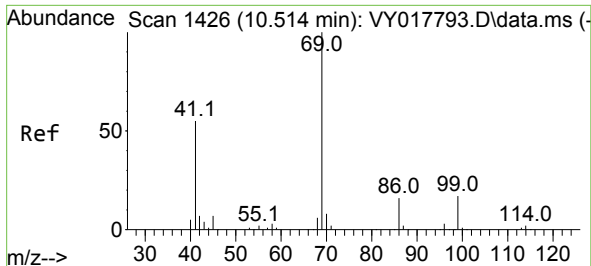
97 100

83 87.1 67.5 101.3

85 55.5 42.9 64.3

99 62.8 46.6 70.0

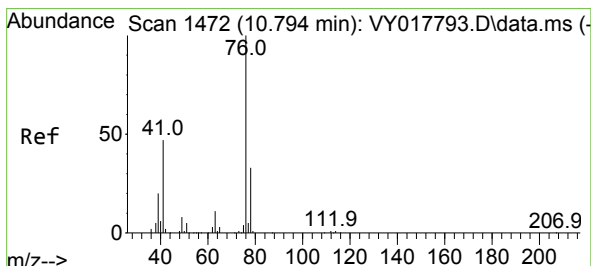
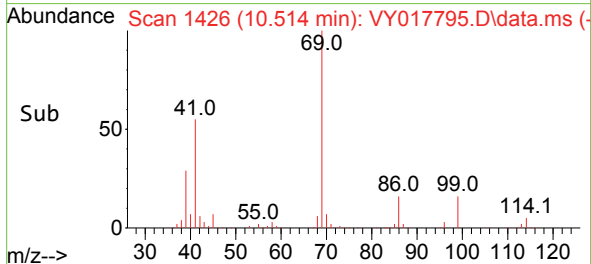
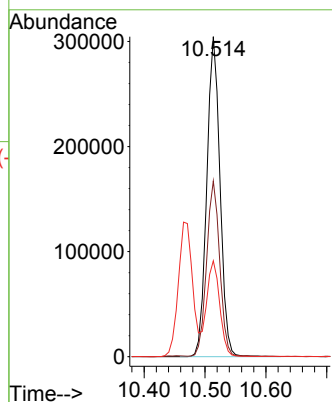
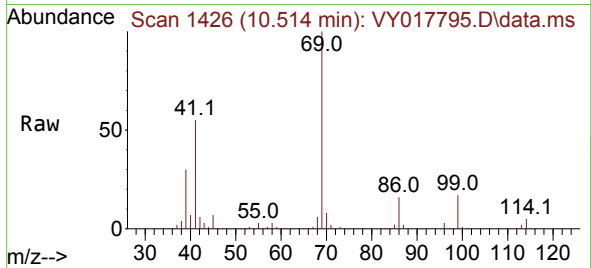




#56
Ethyl methacrylate
Concen: 149.771 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

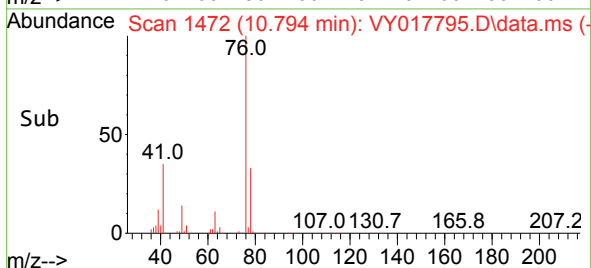
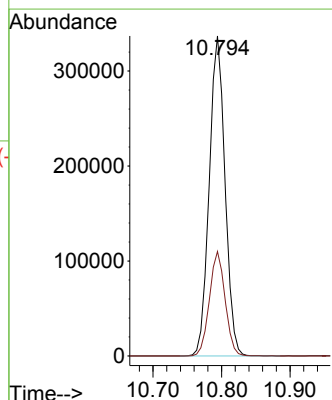
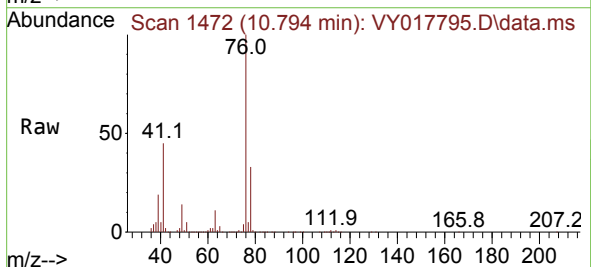
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

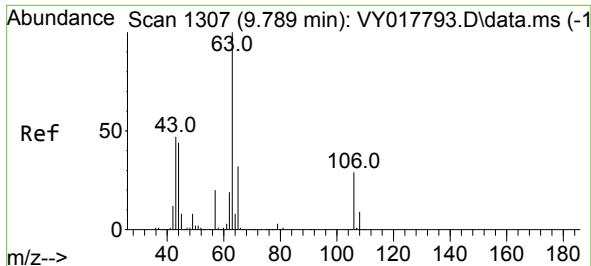
Tgt Ion: 69 Resp: 459206
Ion Ratio Lower Upper
69 100
41 54.2 42.3 63.5
39 30.2 22.9 34.3



#57
1,3-Dichloropropane
Concen: 174.556 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

Tgt Ion: 76 Resp: 539231
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.4

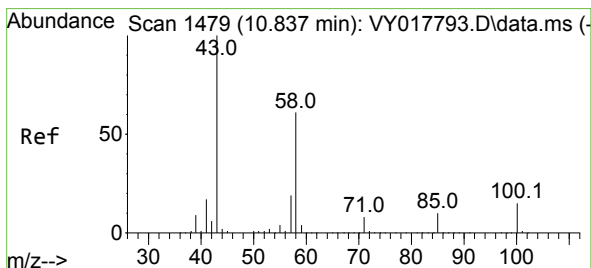
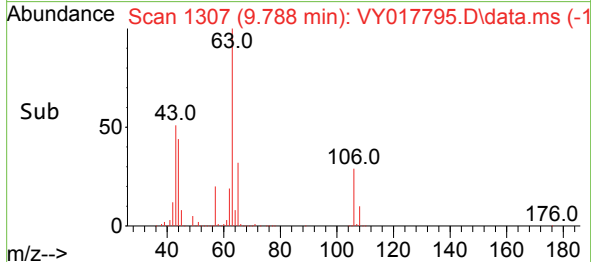
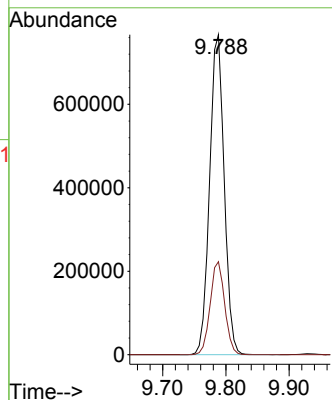
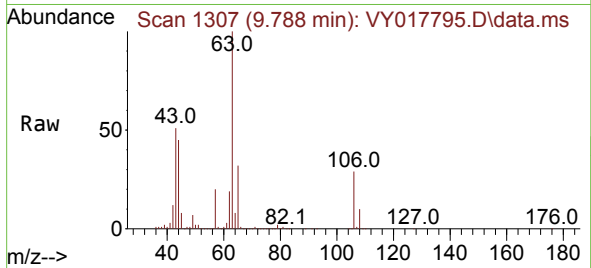




#58
2-Chloroethyl Vinyl ether
Concen: 754.118 ug/l
RT: 9.788 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

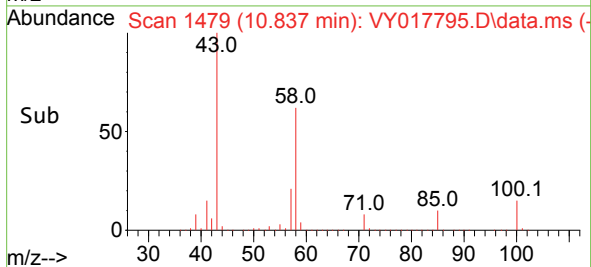
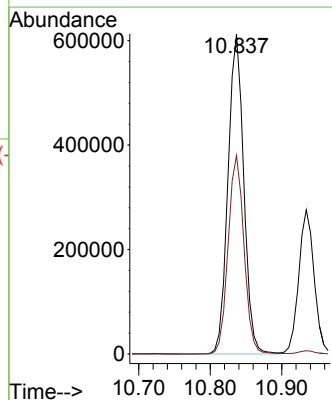
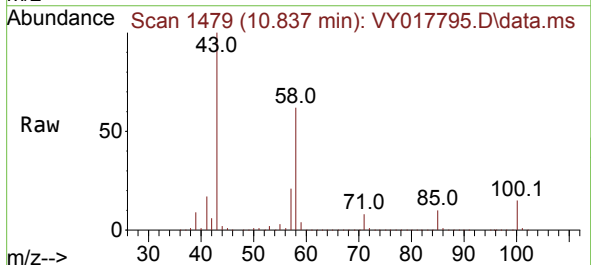
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

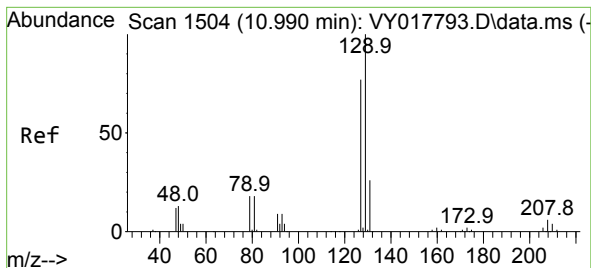
Tgt Ion: 63 Resp: 1229548
Ion Ratio Lower Upper
63 100
106 28.9 23.7 35.5



#59
2-Hexanone
Concen: 748.721 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

Tgt Ion: 43 Resp: 937262
Ion Ratio Lower Upper
43 100
58 62.4 31.4 94.0

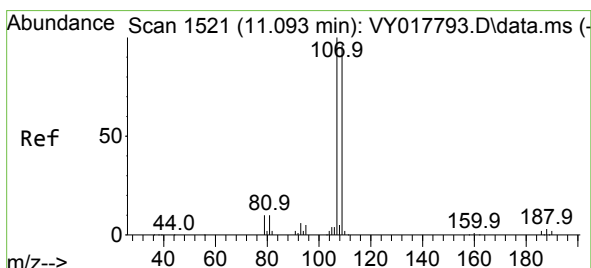
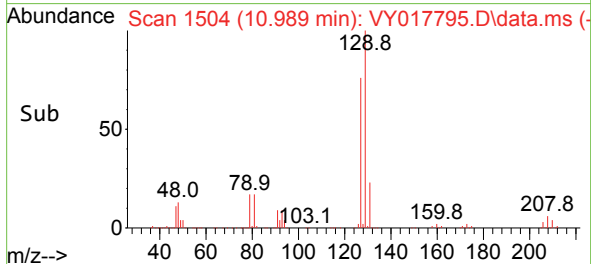
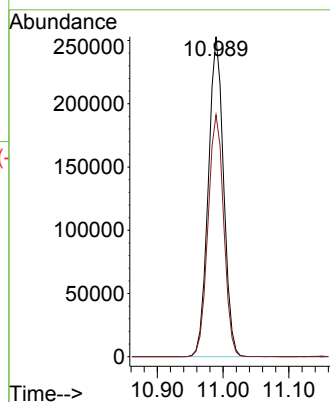
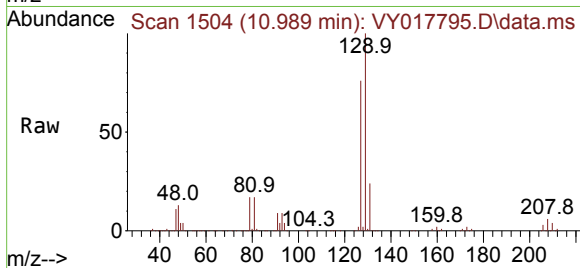




#60
Dibromochloromethane
Concen: 177.342 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

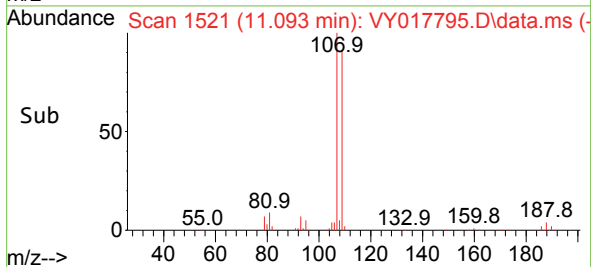
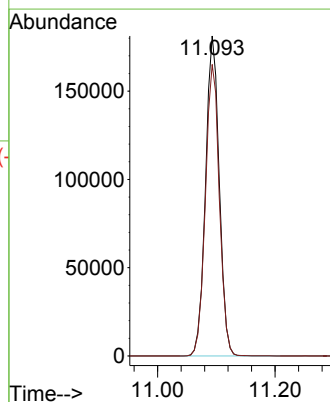
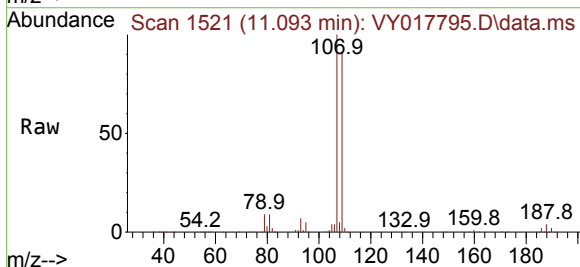
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

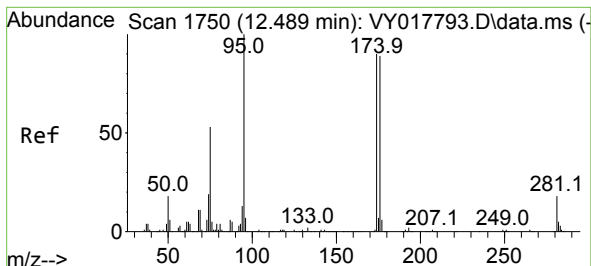
Tgt Ion:129 Resp: 408535
Ion Ratio Lower Upper
129 100
127 77.6 39.0 117.0



#61
1,2-Dibromoethane
Concen: 176.323 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

Tgt Ion:107 Resp: 293663
Ion Ratio Lower Upper
107 100
109 92.8 75.9 113.9

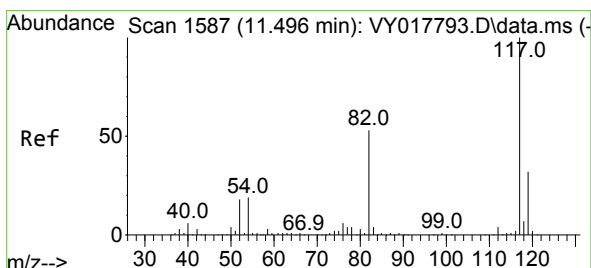
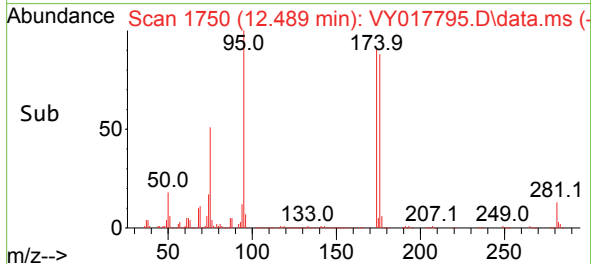
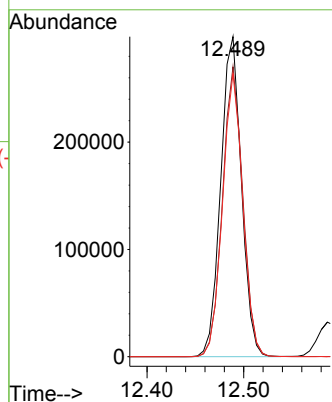
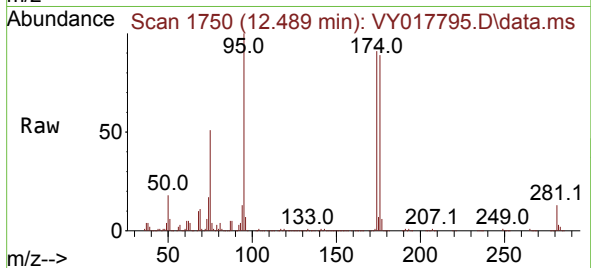




#62
4-Bromofluorobenzene
Concen: 168.259 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

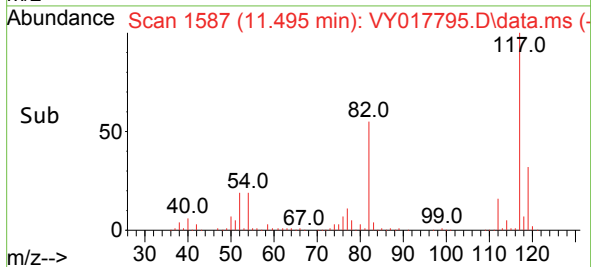
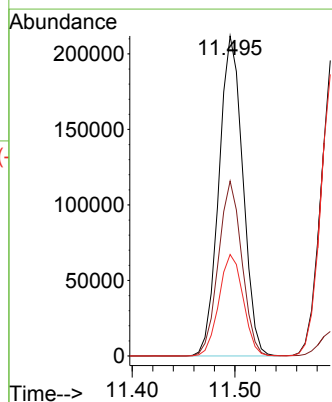
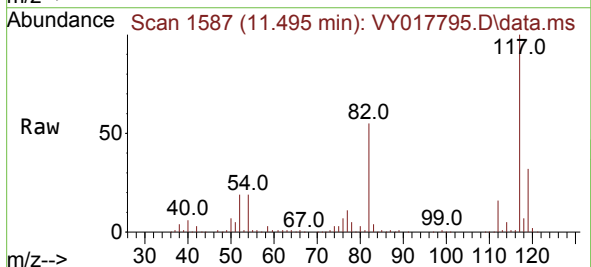
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

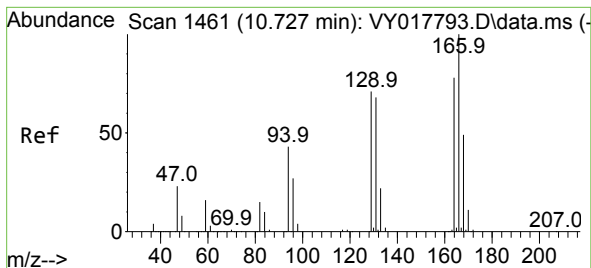
Tgt Ion: 95 Resp: 441564
Ion Ratio Lower Upper
95 100
174 89.3 0.0 175.6
176 87.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

Tgt Ion: 117 Resp: 342768
Ion Ratio Lower Upper
117 100
82 54.6 42.4 63.6
119 31.7 25.9 38.9





#64

Tetrachloroethene

Concen: 164.458 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VY017795.D

Acq: 29 Mar 2024 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:164 Resp: 491670

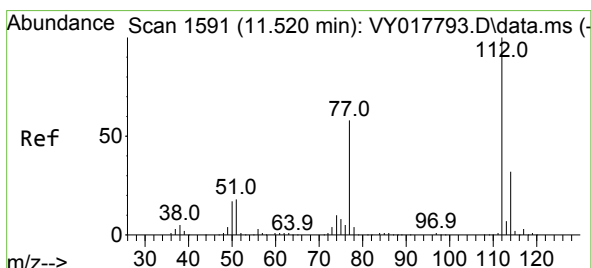
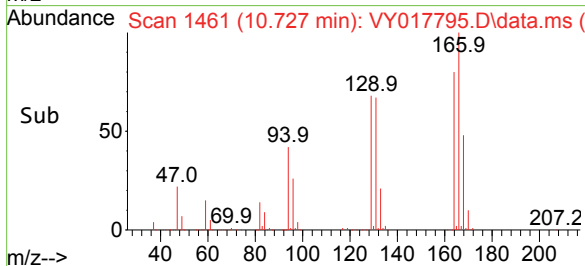
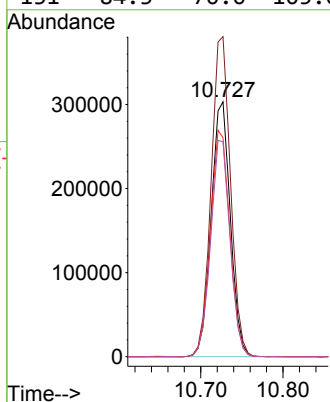
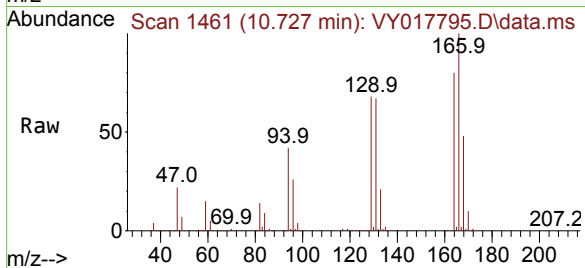
Ion Ratio Lower Upper

164 100

166 125.5 102.6 154.0

129 85.9 72.0 108.0

131 84.3 70.0 105.0



#65

Chlorobenzene

Concen: 171.679 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY017795.D

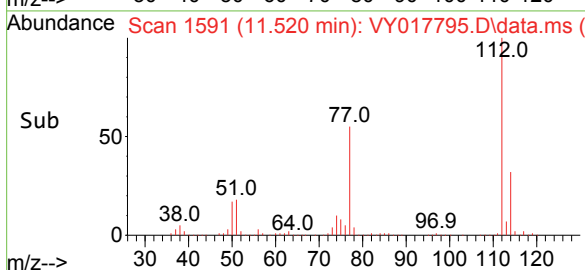
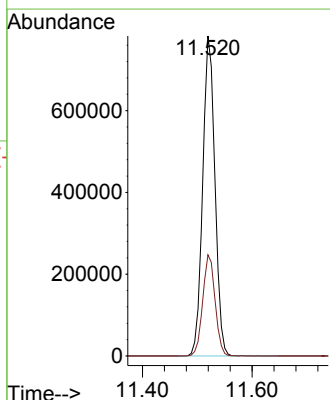
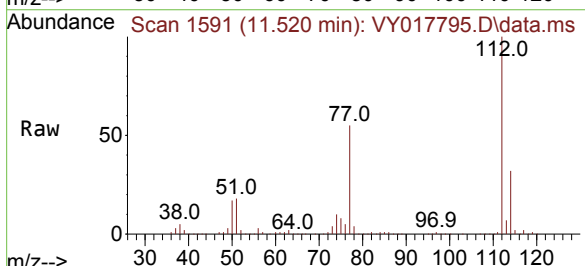
Acq: 29 Mar 2024 16:42

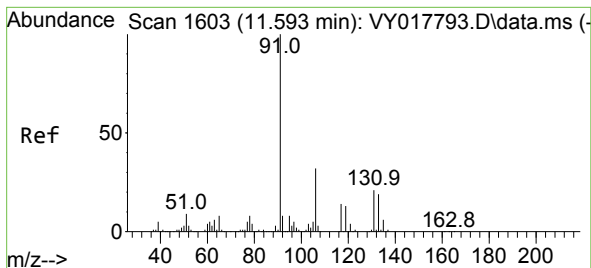
Tgt Ion:112 Resp: 1207133

Ion Ratio Lower Upper

112 100

114 31.6 26.4 39.6

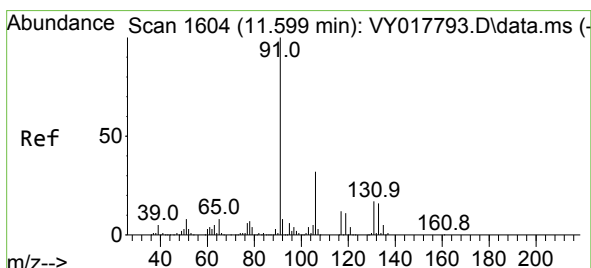
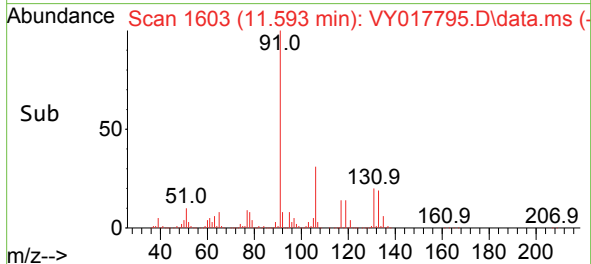
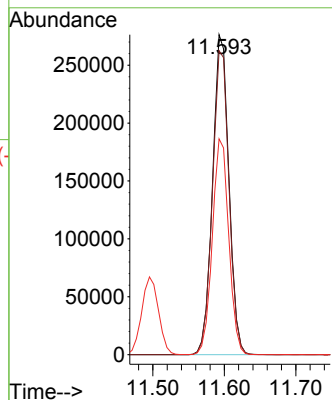
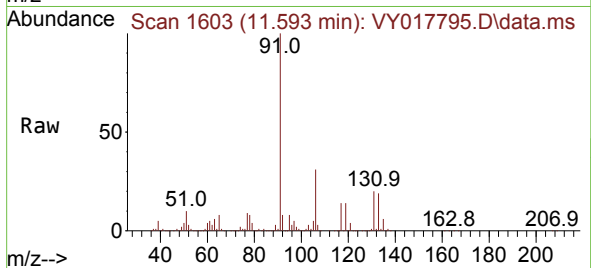




#66
 1,1,1,2-Tetrachloroethane
 Concen: 183.245 ug/l
 RT: 11.593 min Scan# 1603
 Delta R.T. -0.000 min
 Lab File: VY017795.D
 Acq: 29 Mar 2024 16:42

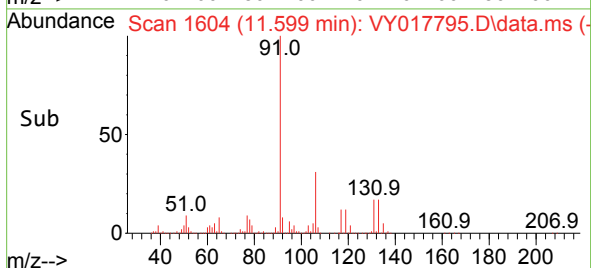
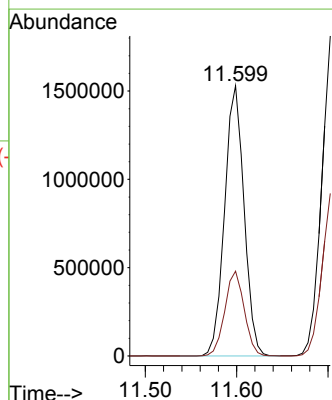
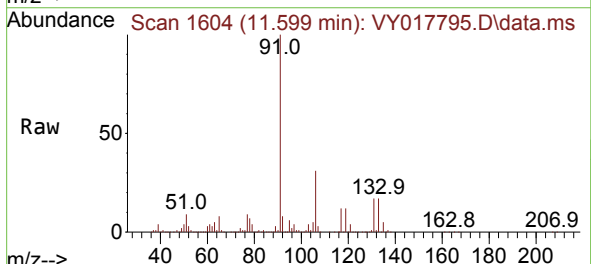
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

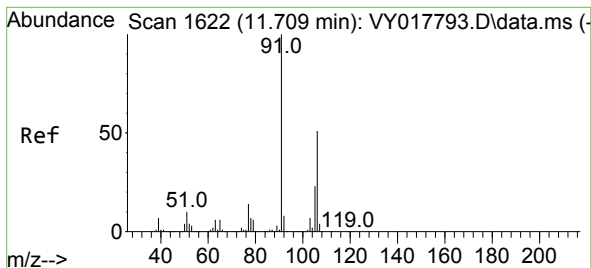
Tgt Ion:131 Resp: 437490
 Ion Ratio Lower Upper
 131 100
 133 96.2 47.8 143.3
 119 67.9 34.1 102.2



#67
 Ethyl Benzene
 Concen: 187.033 ug/l
 RT: 11.599 min Scan# 1604
 Delta R.T. -0.000 min
 Lab File: VY017795.D
 Acq: 29 Mar 2024 16:42

Tgt Ion: 91 Resp: 2260730
 Ion Ratio Lower Upper
 91 100
 106 31.4 24.5 36.7

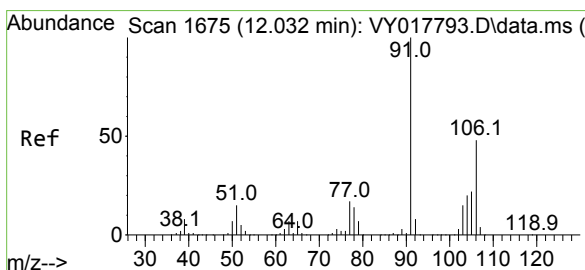
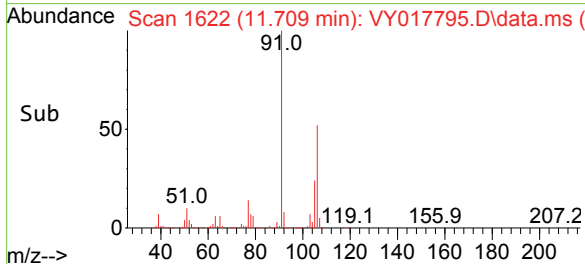
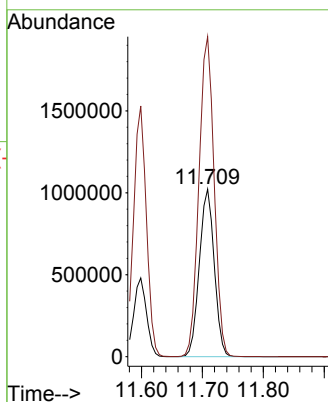
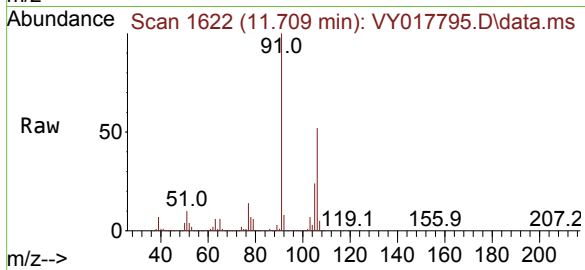




#68
m/p-Xylenes
Concen: 379.041 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.000 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

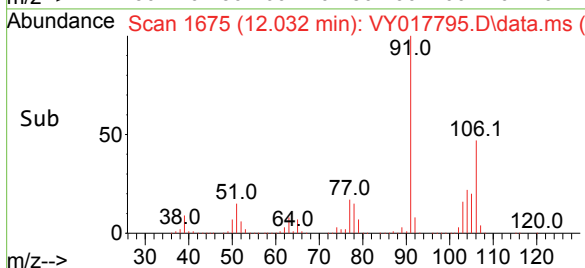
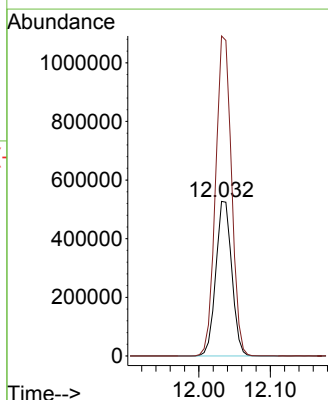
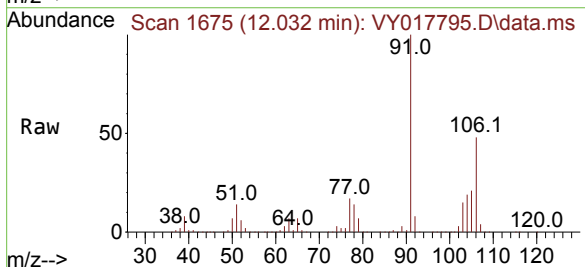
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

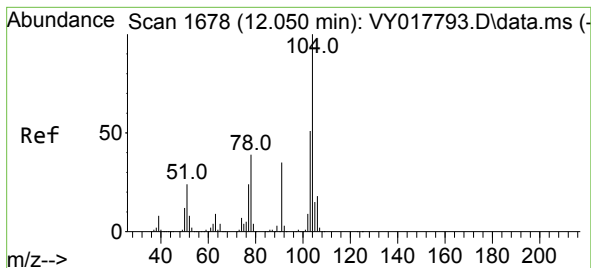
Tgt Ion:106 Resp: 1737538
Ion Ratio Lower Upper
106 100
91 194.7 156.0 234.0



#69
o-Xylene
Concen: 150.071 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

Tgt Ion:106 Resp: 815096
Ion Ratio Lower Upper
106 100
91 207.1 103.6 310.8





#70

Styrene

Concen: 150.069 ug/l

RT: 12.050 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY017795.D

Acq: 29 Mar 2024 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

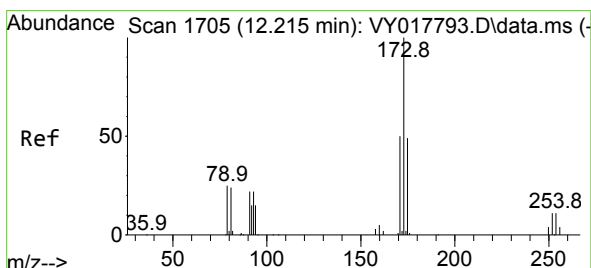
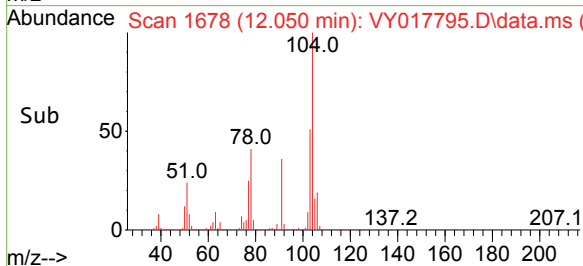
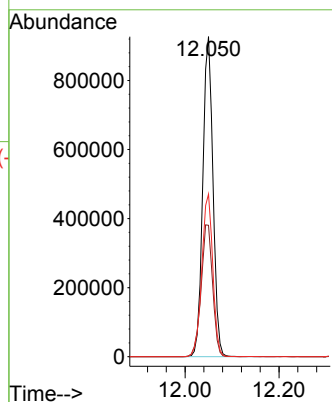
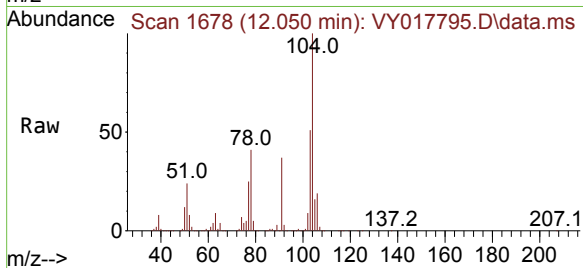
Tgt Ion:104 Resp: 1395066

Ion Ratio Lower Upper

104 100

78 46.4 37.0 55.4

103 54.9 44.2 66.2



#71

Bromoform

Concen: 179.758 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VY017795.D

Acq: 29 Mar 2024 16:42

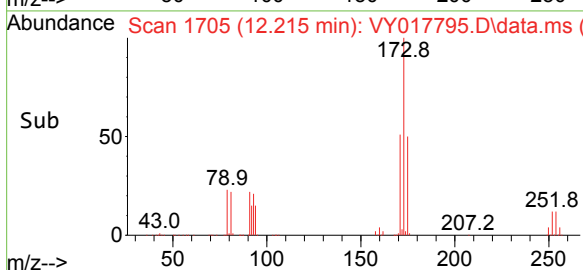
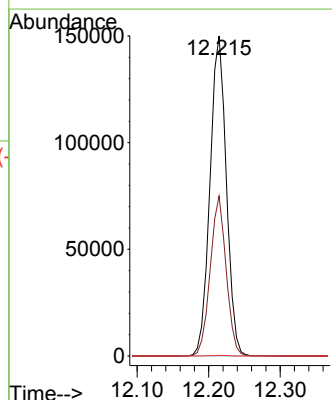
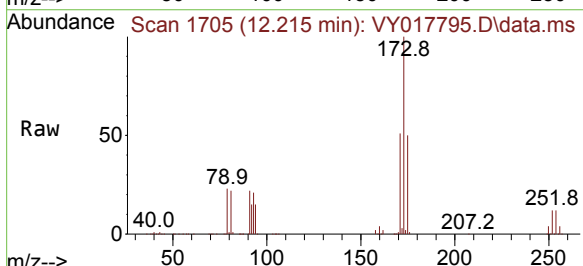
Tgt Ion:173 Resp: 237888

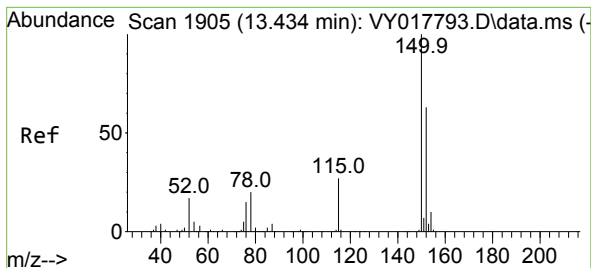
Ion Ratio Lower Upper

173 100

175 48.7 25.1 75.3

254 0.2 0.0 0.0#

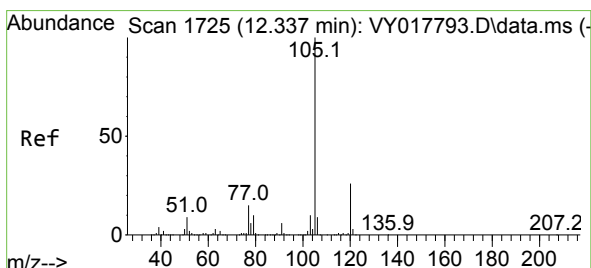
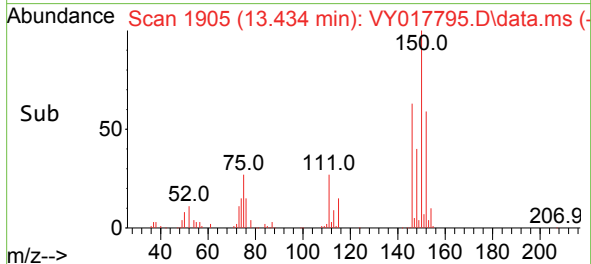
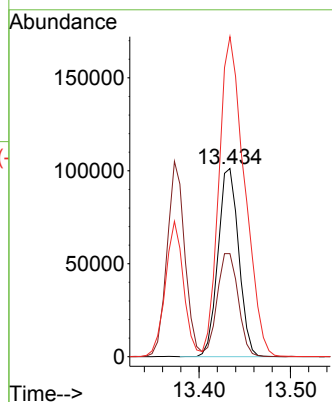
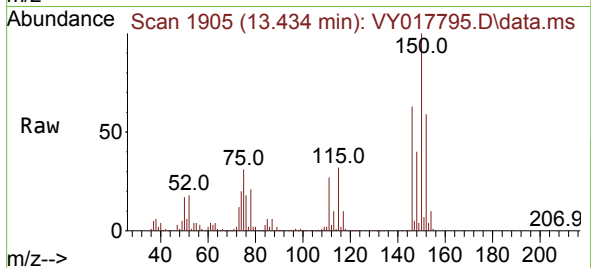




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

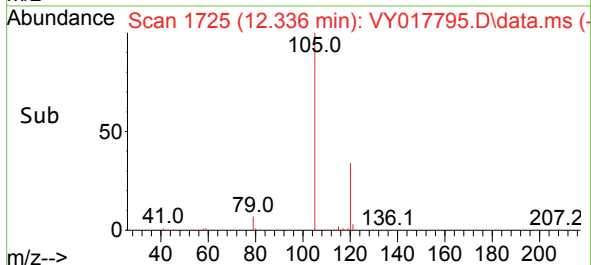
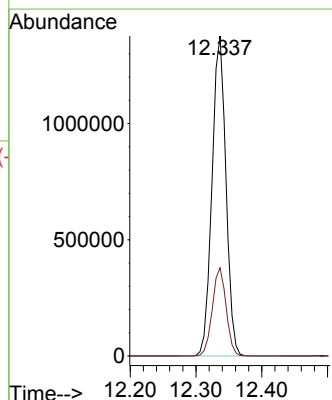
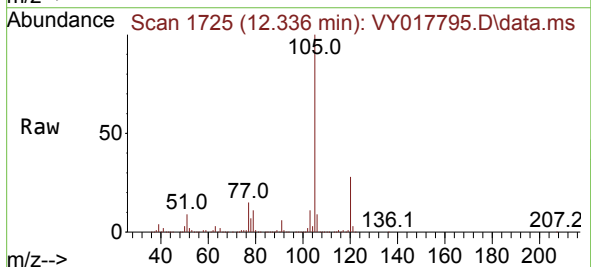
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

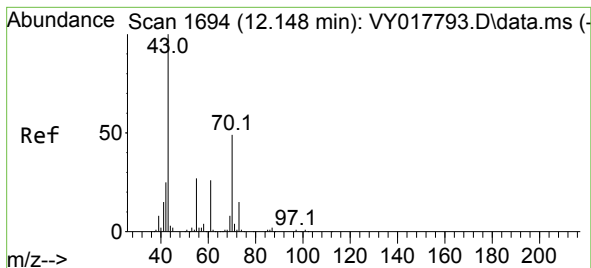
Tgt Ion:152 Resp: 159731
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 210.1 0.0 345.6



#73
Isopropylbenzene
Concen: 181.087 ug/l
RT: 12.336 min Scan# 1725
Delta R.T. -0.000 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

Tgt Ion:105 Resp: 2027074
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.1





#74

N-amy1 acetate

Concen: 149.737 ug/l

RT: 12.148 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY017795.D

Acq: 29 Mar 2024 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 440933

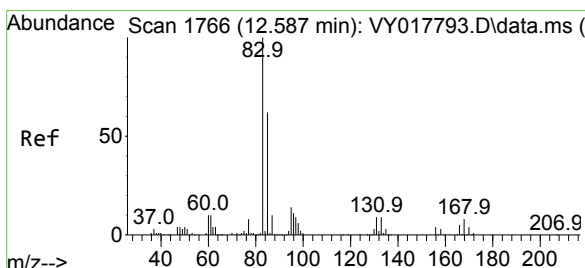
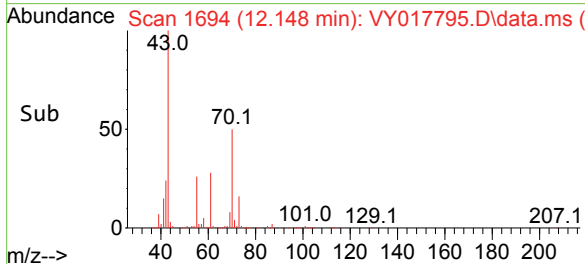
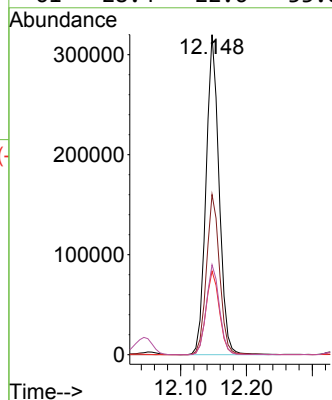
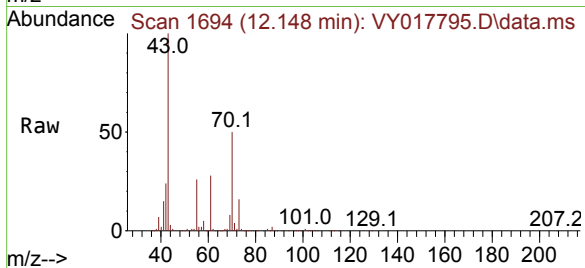
Ion Ratio Lower Upper

43 100

70 50.4 41.4 62.2

55 27.0 23.3 34.9

61 28.4 22.6 33.8



#75

1,1,2,2-Tetrachloroethane

Concen: 179.352 ug/l

RT: 12.586 min Scan# 1766

Delta R.T. -0.000 min

Lab File: VY017795.D

Acq: 29 Mar 2024 16:42

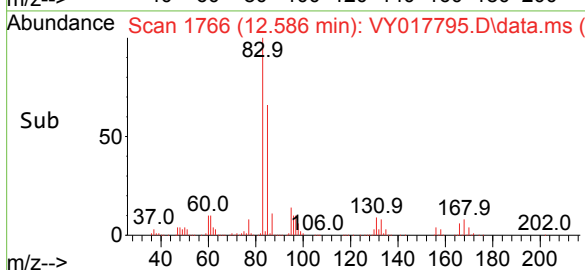
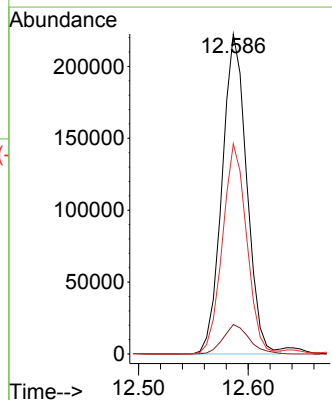
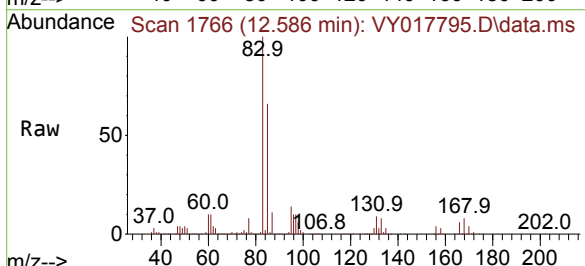
Tgt Ion: 83 Resp: 347288

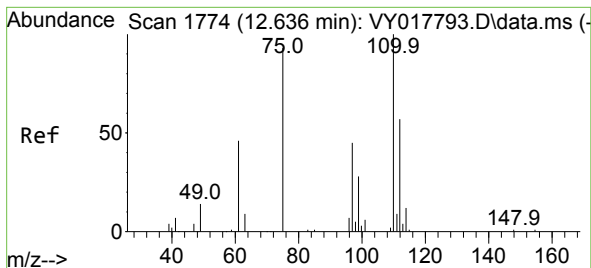
Ion Ratio Lower Upper

83 100

131 9.8 5.0 14.9

85 64.7 32.0 96.0





#76

1,2,3-Trichloropropane

Concen: 315.325 ug/l

RT: 12.641 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017795.D

Acq: 29 Mar 2024 16:42

Instrument :

MSVOA_Y

ClientSampleId :

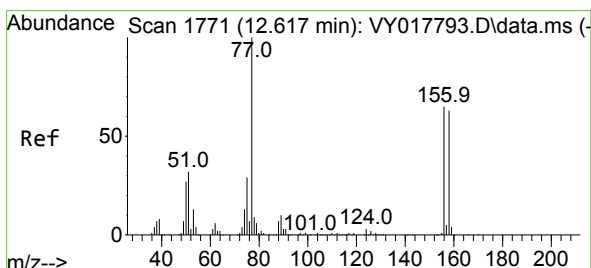
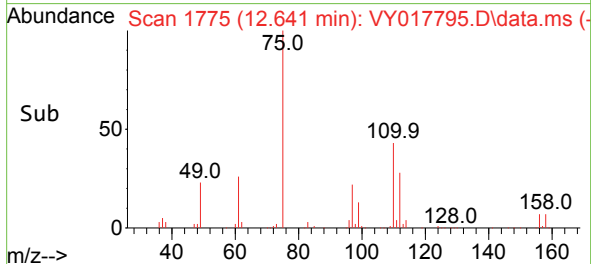
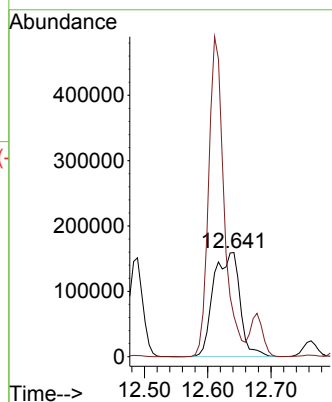
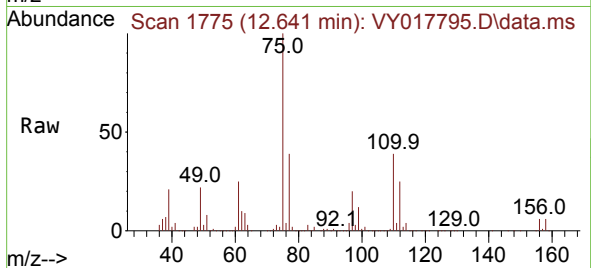
VSTDIC150

Tgt Ion: 75 Resp: 459593

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#77

Bromobenzene

Concen: 178.072 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY017795.D

Acq: 29 Mar 2024 16:42

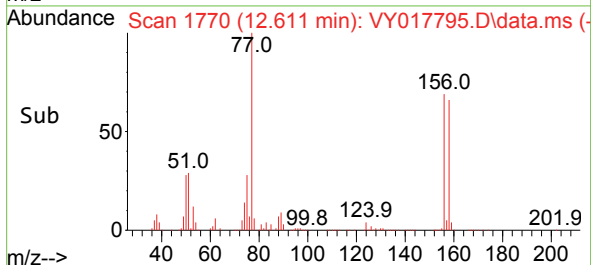
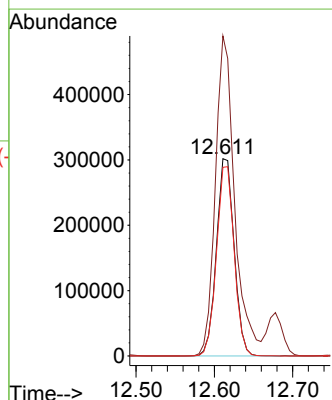
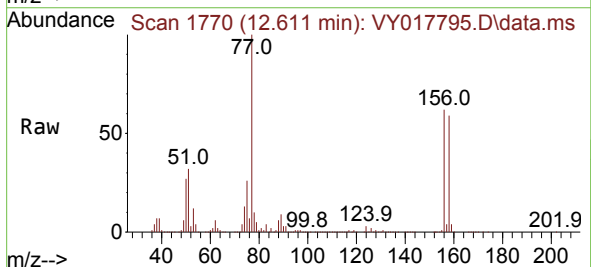
Tgt Ion:156 Resp: 474740

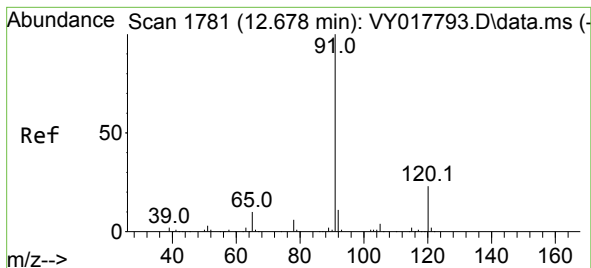
Ion Ratio Lower Upper

156 100

77 176.9 87.1 261.3

158 96.0 48.6 145.9





#78

n-propylbenzene

Concen: 177.692 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VY017795.D

Acq: 29 Mar 2024 16:42

Instrument :

MSVOA_Y

ClientSampleId :

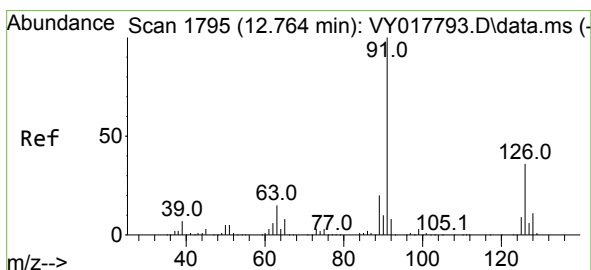
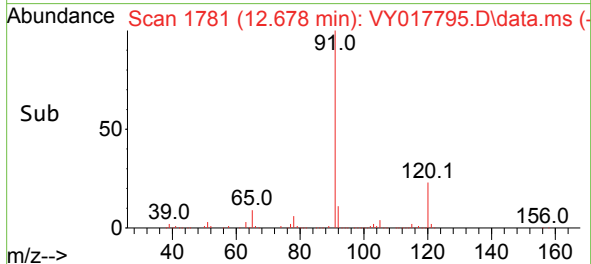
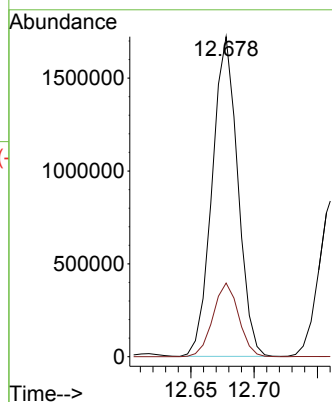
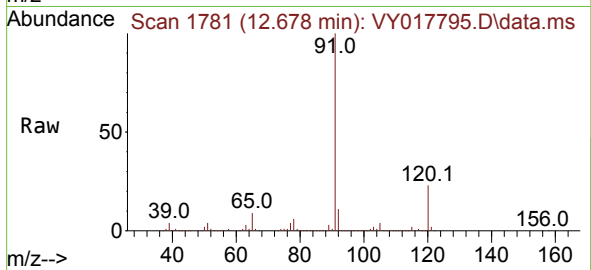
VSTDIC150

Tgt Ion: 91 Resp: 2427065

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4



#79

2-Chlorotoluene

Concen: 176.175 ug/l

RT: 12.763 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VY017795.D

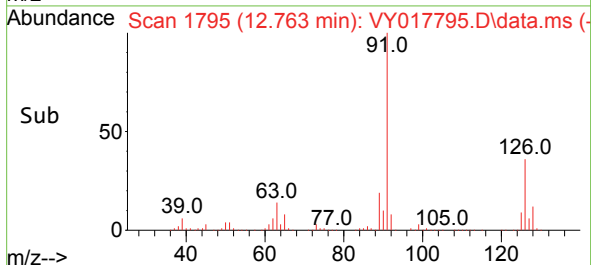
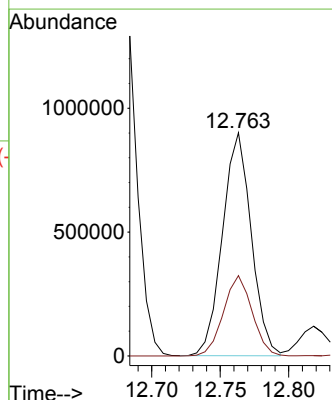
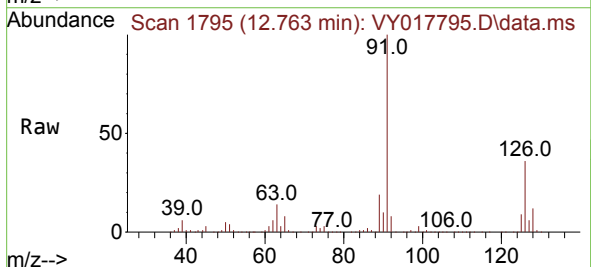
Acq: 29 Mar 2024 16:42

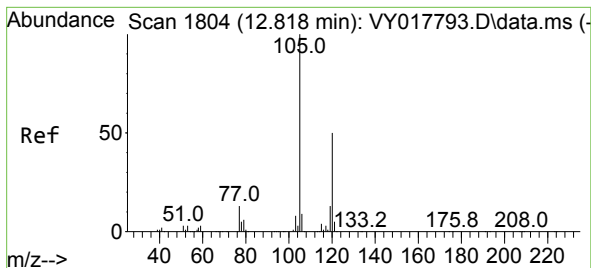
Tgt Ion: 91 Resp: 1318095

Ion Ratio Lower Upper

91 100

126 35.9 17.8 53.5





#80

1,3,5-Trimethylbenzene

Concen: 180.355 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. -0.000 min

Lab File: VY017795.D

Acq: 29 Mar 2024 16:42

Instrument :

MSVOA_Y

ClientSampleId :

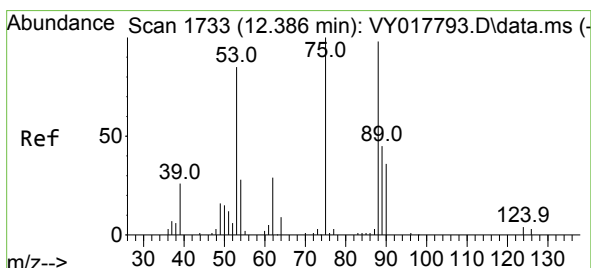
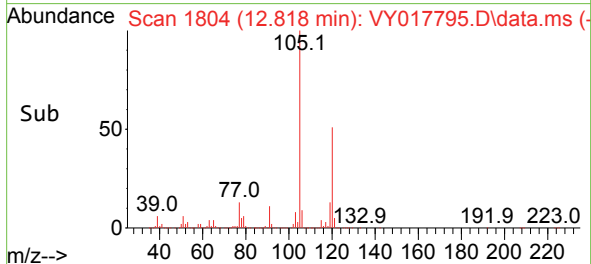
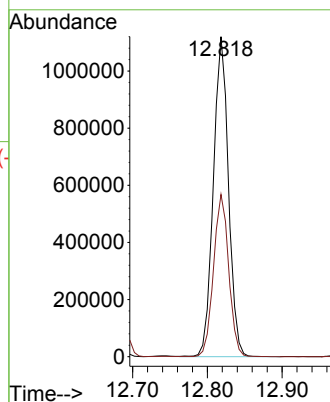
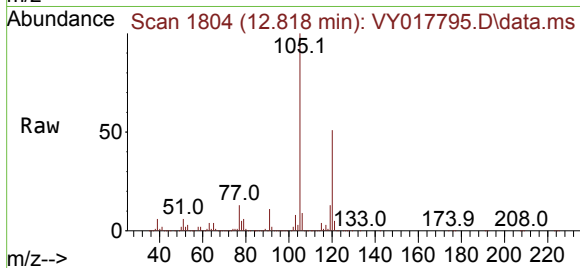
VSTDIC150

Tgt Ion:105 Resp: 1575591

Ion Ratio Lower Upper

105 100

120 51.0 25.1 75.2



#81

trans-1,4-Dichloro-2-butene

Concen: 149.467 ug/l

RT: 12.385 min Scan# 1733

Delta R.T. -0.001 min

Lab File: VY017795.D

Acq: 29 Mar 2024 16:42

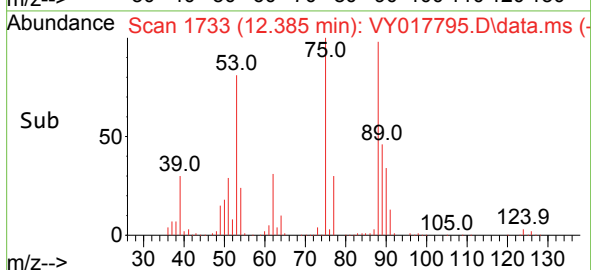
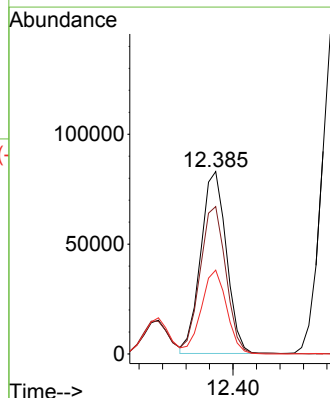
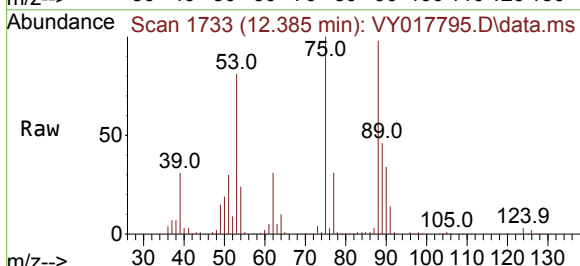
Tgt Ion: 75 Resp: 125413

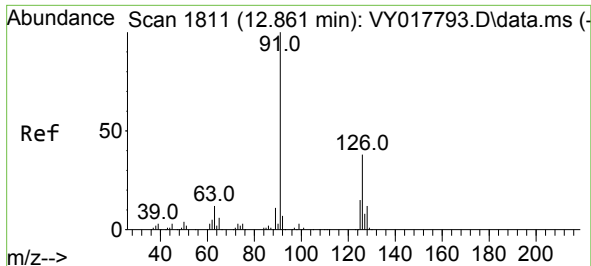
Ion Ratio Lower Upper

75 100

53 82.2 66.8 100.2

89 45.6 35.8 53.6

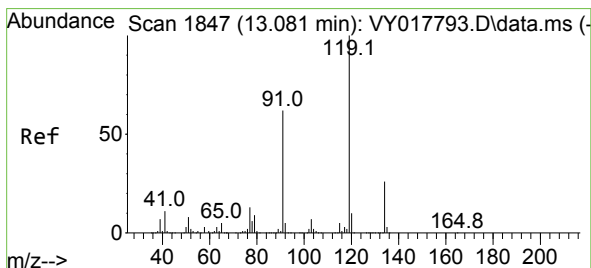
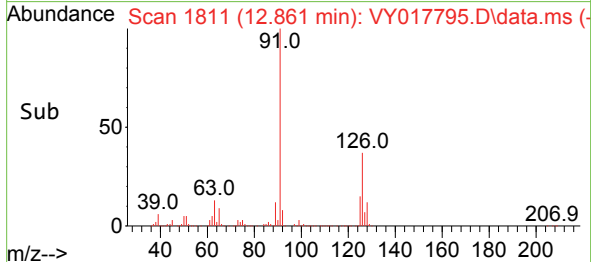
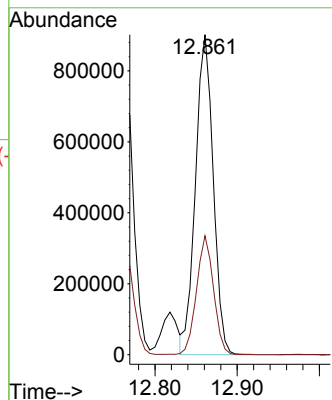
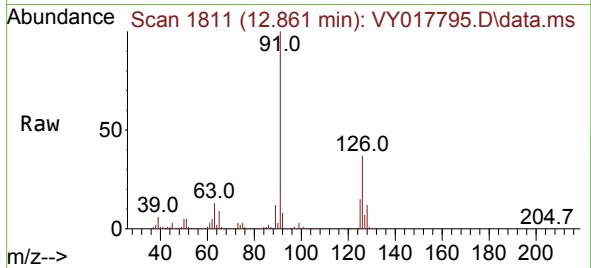




#82
4-Chlorotoluene
Concen: 173.960 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

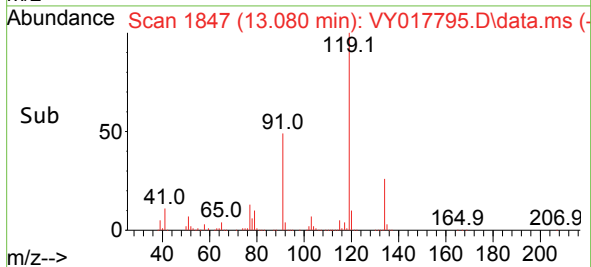
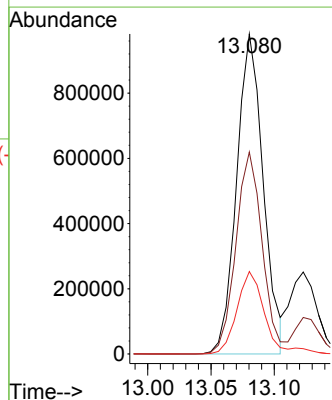
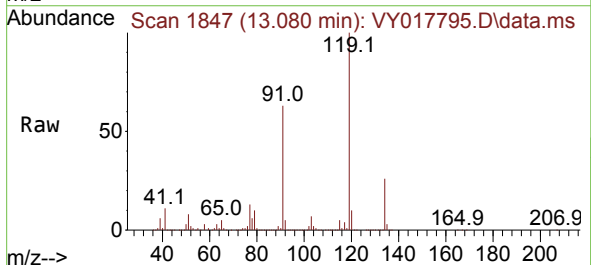
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

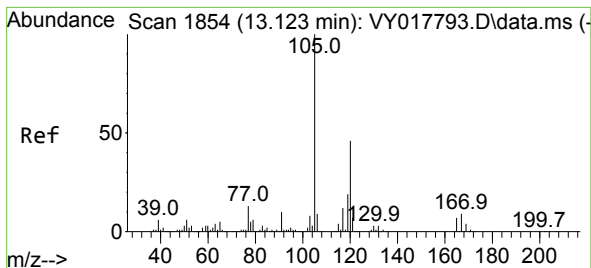
Tgt Ion: 91 Resp: 1347674
Ion Ratio Lower Upper
91 100
126 35.8 17.6 52.9



#83
tert-Butylbenzene
Concen: 180.906 ug/l
RT: 13.080 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VY017795.D
Acq: 29 Mar 2024 16:42

Tgt Ion: 119 Resp: 1436844
Ion Ratio Lower Upper
119 100
91 63.0 31.3 93.8
134 27.0 13.4 40.1





#84

1,2,4-Trimethylbenzene

Concen: 185.247 ug/l

RT: 13.123 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017795.D

Acq: 29 Mar 2024 16:42

Instrument :

MSVOA_Y

ClientSampleId :

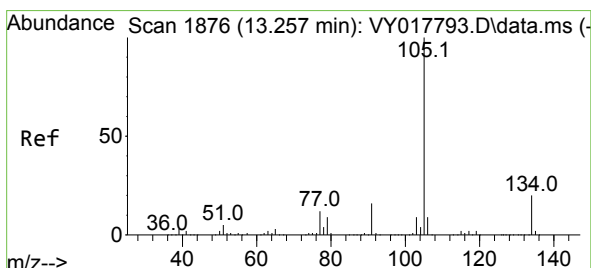
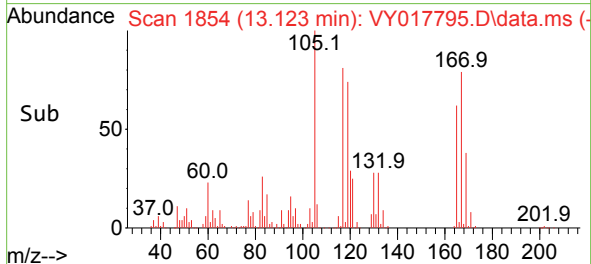
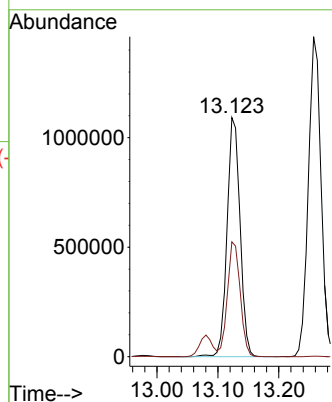
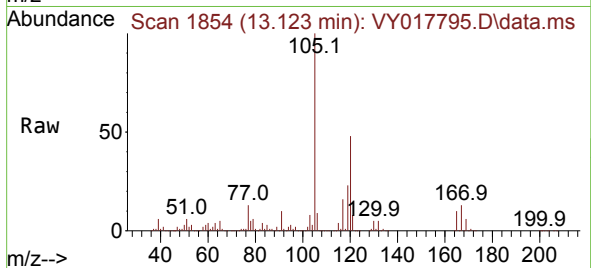
VSTDICC150

Tgt Ion:105 Resp: 1611767

Ion Ratio Lower Upper

105 100

120 47.4 23.2 69.6



#85

sec-Butylbenzene

Concen: 176.565 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VY017795.D

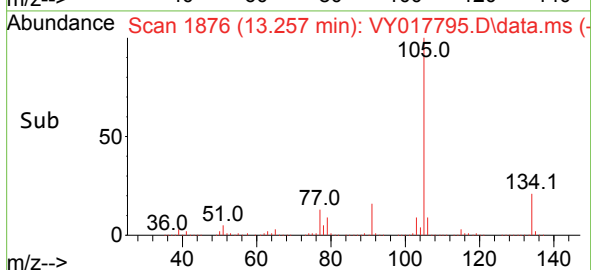
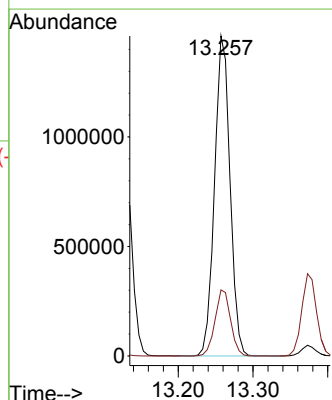
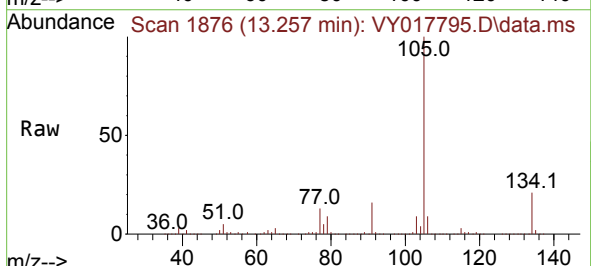
Acq: 29 Mar 2024 16:42

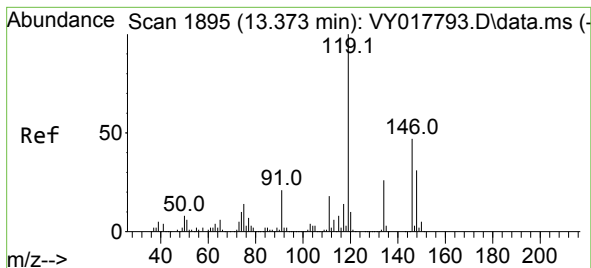
Tgt Ion:105 Resp: 2104827

Ion Ratio Lower Upper

105 100

134 20.8 10.1 30.1





#86

p-Isopropyltoluene

Concen: 189.900 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY017795.D

Acq: 29 Mar 2024 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

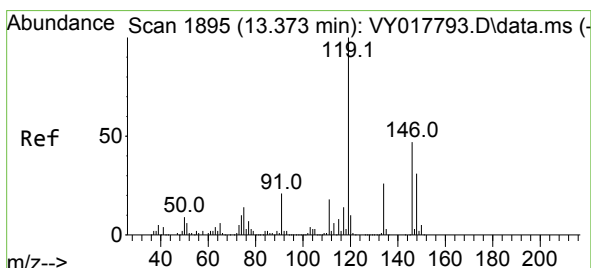
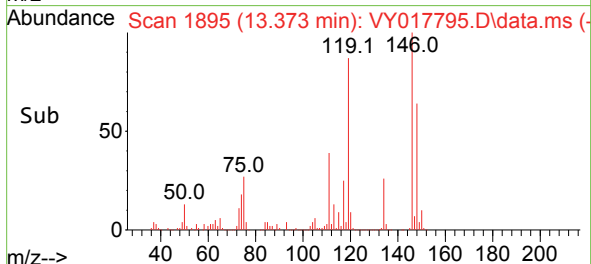
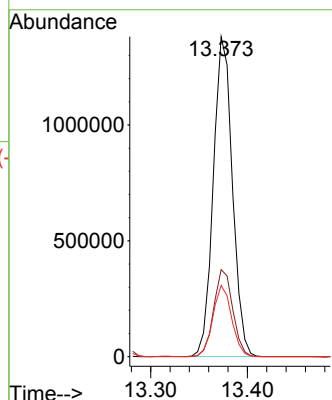
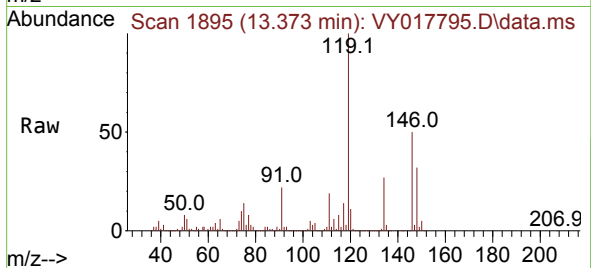
Tgt Ion:119 Resp: 1892232

Ion Ratio Lower Upper

119 100

134 27.2 13.1 39.3

91 21.9 10.7 32.1



#87

1,3-Dichlorobenzene

Concen: 184.657 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY017795.D

Acq: 29 Mar 2024 16:42

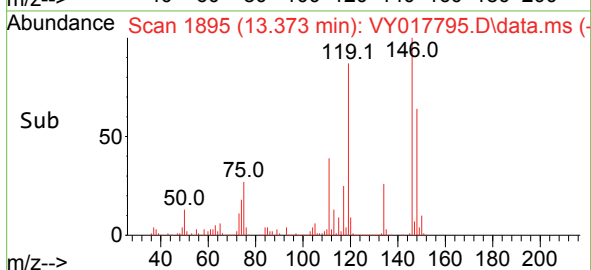
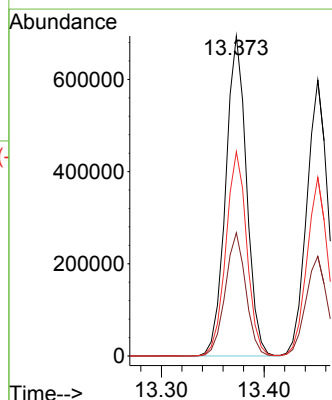
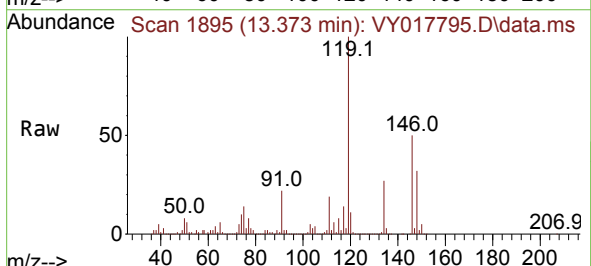
Tgt Ion:146 Resp: 976854

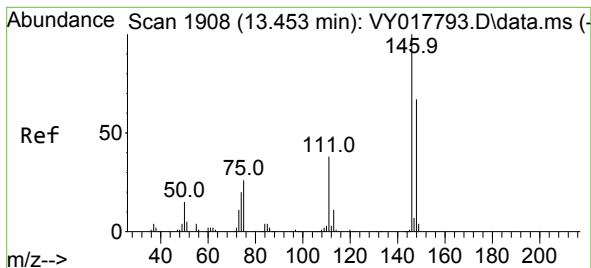
Ion Ratio Lower Upper

146 100

111 37.9 19.0 57.0

148 64.1 31.7 95.1





#88

1,4-Dichlorobenzene

Concen: 170.146 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY017795.D

Acq: 29 Mar 2024 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

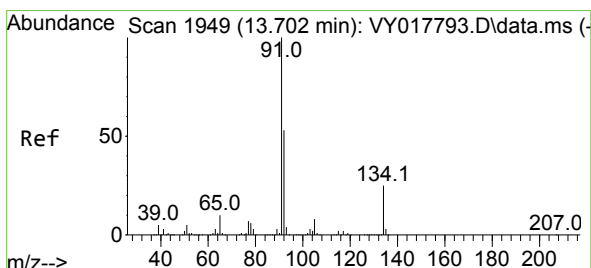
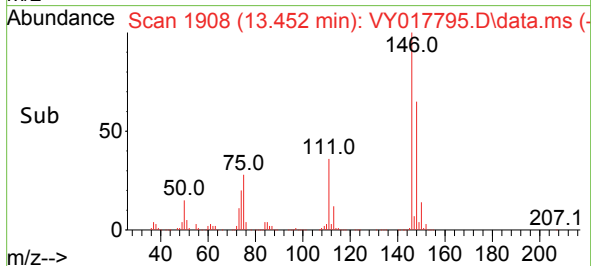
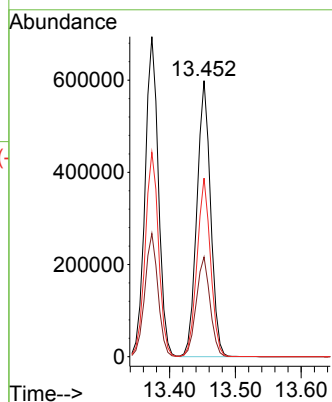
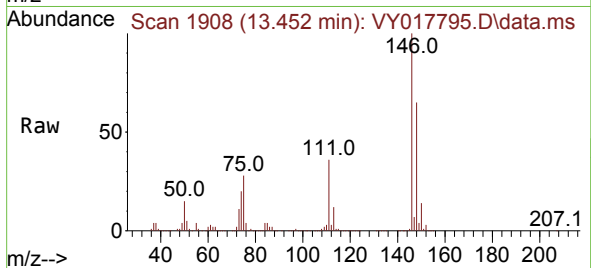
Tgt Ion:146 Resp: 861519

Ion Ratio Lower Upper

146 100

111 36.4 18.4 55.4

148 63.8 32.4 97.2



#89

n-Butylbenzene

Concen: 180.623 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VY017795.D

Acq: 29 Mar 2024 16:42

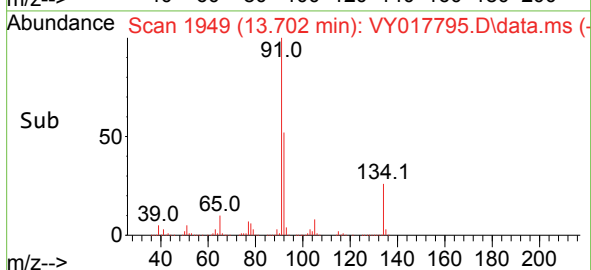
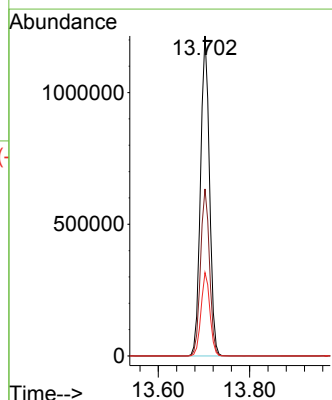
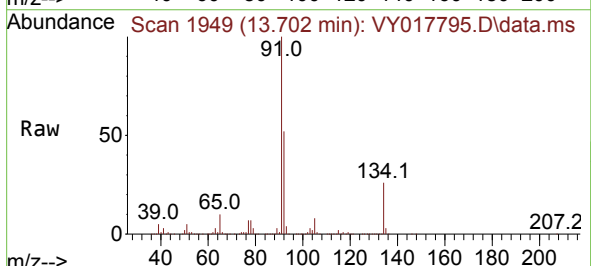
Tgt Ion: 91 Resp: 1655875

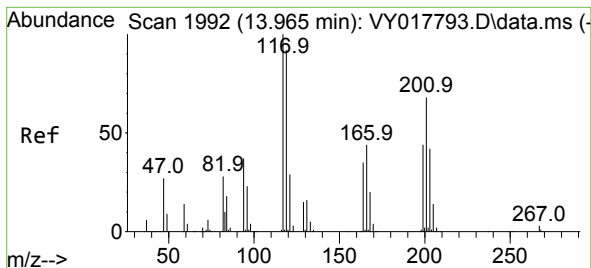
Ion Ratio Lower Upper

91 100

92 52.5 26.6 79.7

134 25.7 12.9 38.7





#90

Hexachloroethane

Concen: 171.831 ug/l

RT: 13.970 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY017795.D

Acq: 29 Mar 2024 16:42

Instrument :

MSVOA_Y

ClientSampleId :

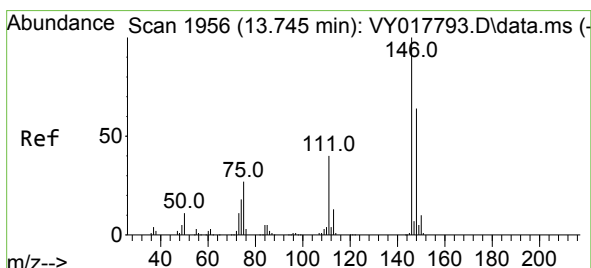
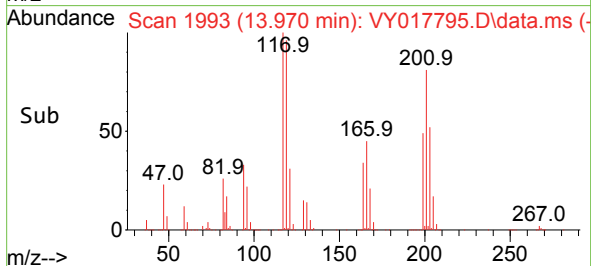
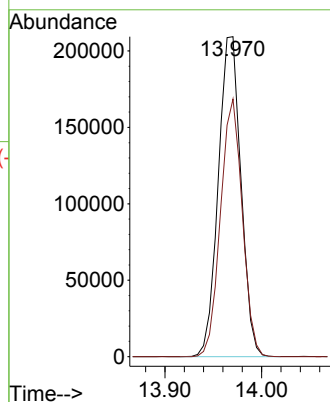
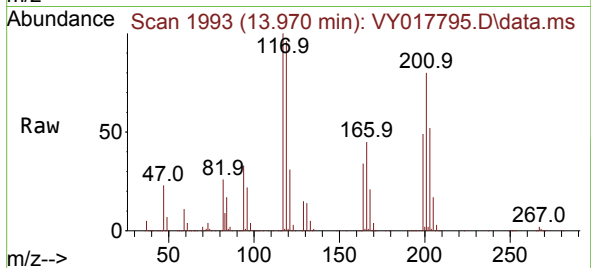
VSTDIC150

Tgt Ion:117 Resp: 340463

Ion Ratio Lower Upper

117 100

201 77.4 37.4 112.2



#91

1,2-Dichlorobenzene

Concen: 172.128 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VY017795.D

Acq: 29 Mar 2024 16:42

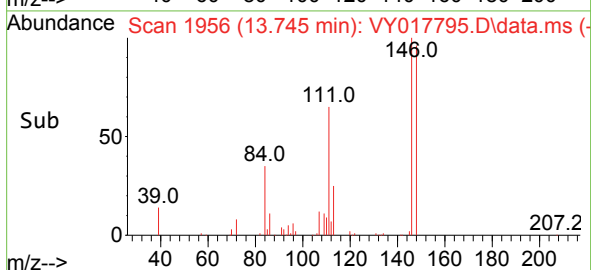
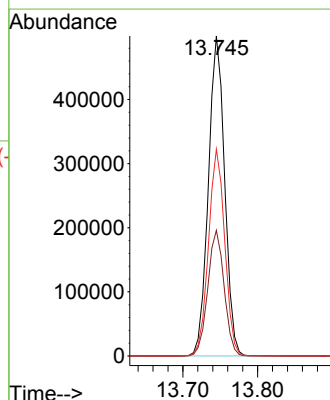
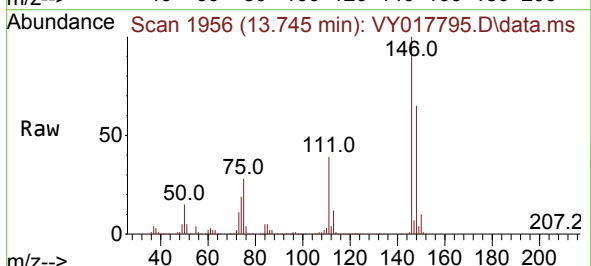
Tgt Ion:146 Resp: 754787

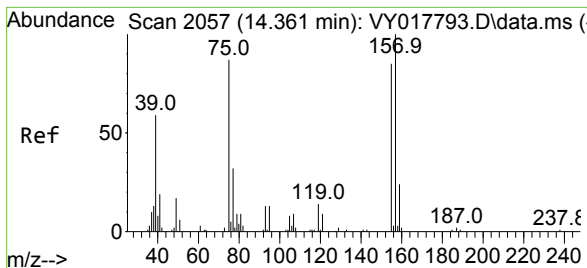
Ion Ratio Lower Upper

146 100

111 39.5 19.9 59.7

148 64.4 31.8 95.4

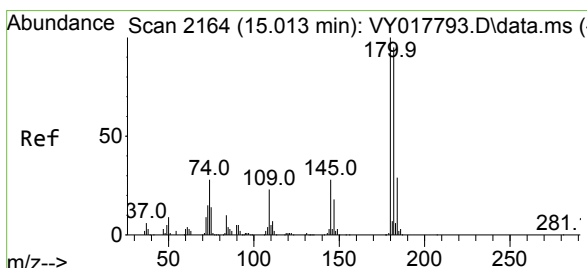
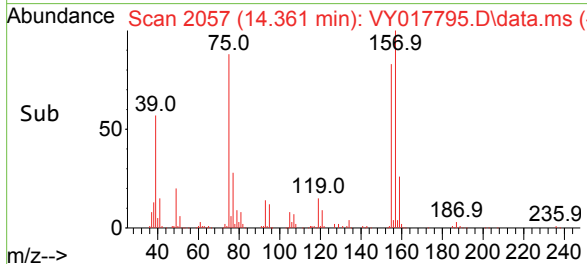
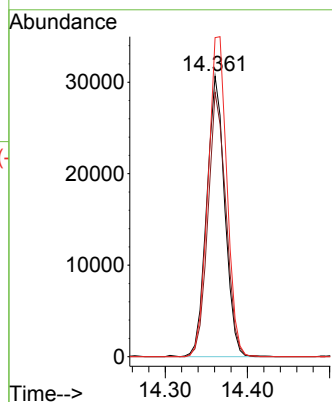
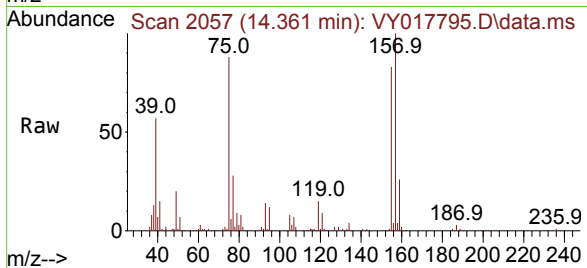




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 178.844 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. -0.000 min
 Lab File: VY017795.D
 Acq: 29 Mar 2024 16:42

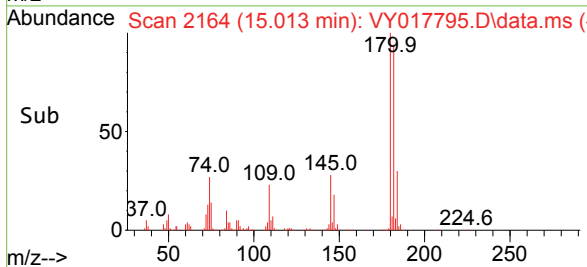
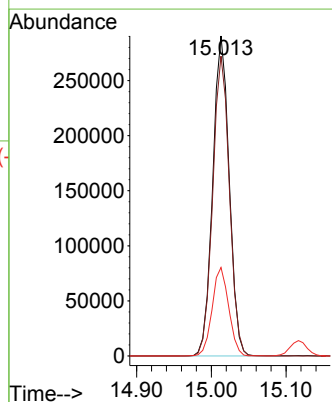
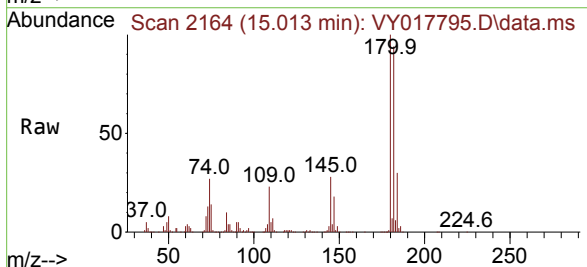
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

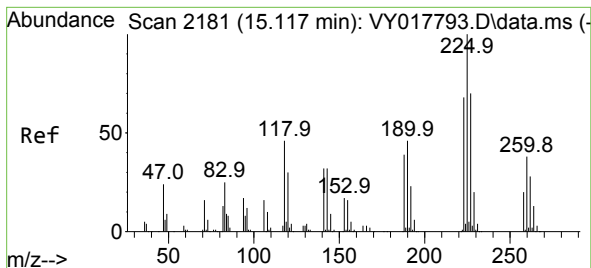
Tgt Ion: 75 Resp: 46797
 Ion Ratio Lower Upper
 75 100
 155 93.4 48.6 145.8
 157 119.2 62.7 188.2



#93
 1,2,4-Trichlorobenzene
 Concen: 185.273 ug/l
 RT: 15.013 min Scan# 2164
 Delta R.T. -0.000 min
 Lab File: VY017795.D
 Acq: 29 Mar 2024 16:42

Tgt Ion: 180 Resp: 444990
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.9 143.8
 145 27.8 14.2 42.6





#94

Hexachlorobutadiene

Concen: 166.422 ug/l

RT: 15.116 min Scan# 2181

Delta R.T. -0.000 min

Lab File: VY017795.D

Acq: 29 Mar 2024 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

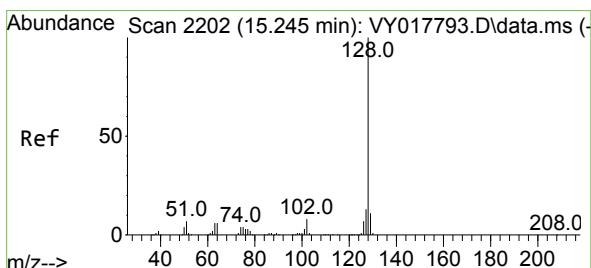
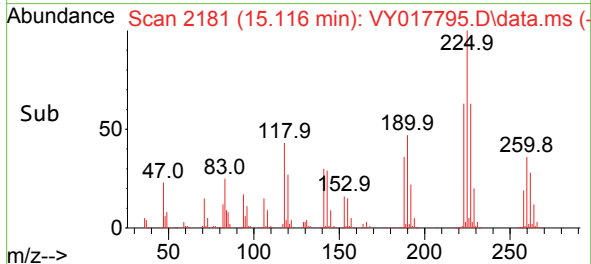
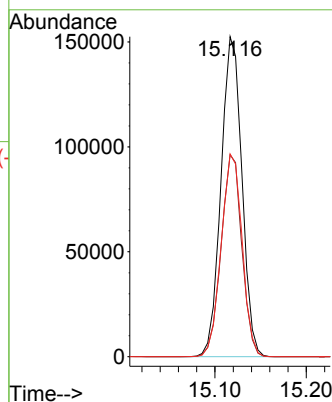
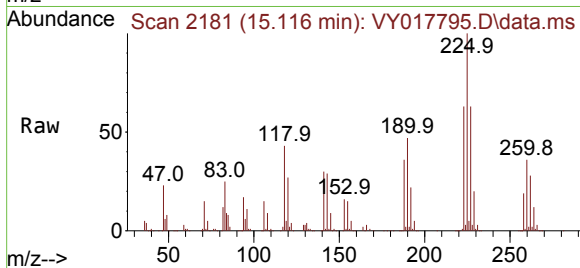
Tgt Ion:225 Resp: 242309

Ion Ratio Lower Upper

225 100

223 62.5 30.4 91.2

227 63.6 31.9 95.9



#95

Naphthalene

Concen: 149.602 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY017795.D

Acq: 29 Mar 2024 16:42

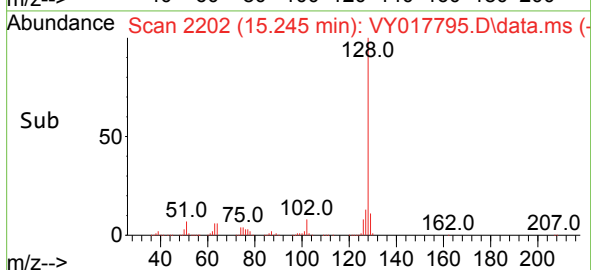
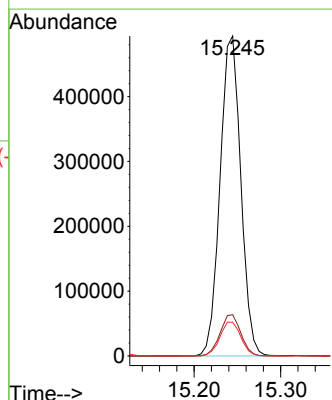
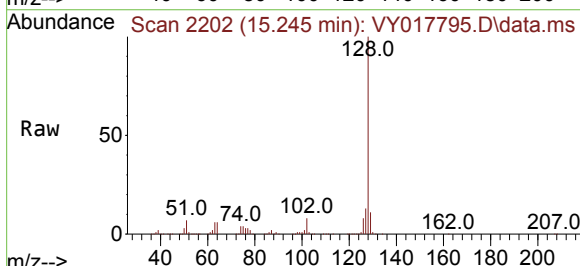
Tgt Ion:128 Resp: 819850

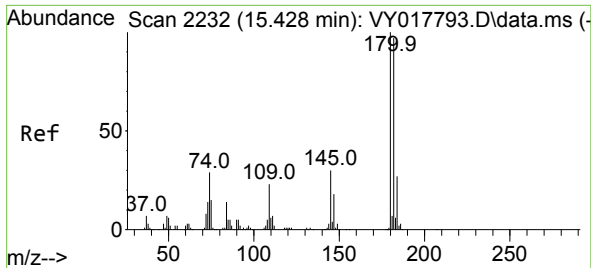
Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.8 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 182.257 ug/l
 RT: 15.427 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY017795.D
 Acq: 29 Mar 2024 16:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 369766
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.6 142.9
 145 29.7 15.4 46.1

