

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022324\
 Data File : VY017472.D
 Acq On : 23 Feb 2024 18:20
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 24 04:51:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	175982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	263625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	235003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	231265	138.662	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 277.320%#	
35) Dibromofluoromethane	7.722	113	266421	145.029	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 290.060%#	
50) Toluene-d8	10.185	98	1023414	159.338	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 318.680%#	
62) 4-Bromofluorobenzene	12.483	95	327802	162.395	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 324.780%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	171458	132.079	ug/l	100
3) Chloromethane	2.107	50	313794	132.297	ug/l	98
4) Vinyl Chloride	2.247	62	415024	136.392	ug/l	98
5) Bromomethane	2.631	94	324065	130.687	ug/l	96
6) Chloroethane	2.784	64	269701	140.500	ug/l	100
7) Trichlorofluoromethane	3.113	101	452269	145.833	ug/l	95
8) Diethyl Ether	3.527	74	136082	149.607	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.887	101	254394	142.610	ug/l	99
10) Methyl Iodide	4.082	142	322315	161.001	ug/l	99
11) Tert butyl alcohol	4.960	59	86762	612.414	ug/l #	81
12) 1,1-Dichloroethene	3.863	96	246841	148.481	ug/l	99
13) Acrolein	3.723	56	137665	736.445	ug/l	100
14) Allyl chloride	4.472	41	299959	149.329	ug/l	97
15) Acrylonitrile	5.161	53	275474	736.722	ug/l	100
16) Acetone	3.942	43	221029	683.258	ug/l	96
17) Carbon Disulfide	4.192	76	720219	144.335	ug/l	98
18) Methyl Acetate	4.472	43	119863	152.728	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	615239	158.779	ug/l	98
20) Methylene Chloride	4.710	84	268835	152.699	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	293101	150.580	ug/l	97
22) Diisopropyl ether	6.118	45	695211	149.983	ug/l	96
23) Vinyl Acetate	6.058	43	2161294	782.476	ug/l	99
24) 1,1-Dichloroethane	6.015	63	460665	145.469	ug/l	99
25) 2-Butanone	6.984	43	348085	755.036	ug/l	99
26) 2,2-Dichloropropane	6.984	77	399281	149.965	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	335220	153.386	ug/l	97
28) Bromochloromethane	7.338	49	178720	143.300	ug/l	93
29) Tetrahydrofuran	7.350	42	211222	760.051	ug/l	97
30) Chloroform	7.508	83	492373	146.038	ug/l	100
31) Cyclohexane	7.789	56	386032	142.225	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	439300	150.079	ug/l	98
36) 1,1-Dichloropropene	7.917	75	385995	155.735	ug/l	99
37) Ethyl Acetate	7.076	43	146597	149.752	ug/l #	97
38) Carbon Tetrachloride	7.905	117	396976	159.810	ug/l	97
39) Methylcyclohexane	9.185	83	494136	165.891	ug/l	99
40) Benzene	8.161	78	1149258	156.136	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	195400	397.767	ug/l	# 15
42) 1,2-Dichloroethane	8.240	62	270627	150.693	ug/l	98
43) Isopropyl Acetate	8.277	43	280310	162.948	ug/l	99
44) Trichloroethene	8.941	130	326731	154.006	ug/l	100
45) 1,2-Dichloropropane	9.222	63	269588	153.945	ug/l	98
46) Dibromomethane	9.307	93	156857	156.510	ug/l	97
47) Bromodichloromethane	9.502	83	378660	155.606	ug/l	97
48) Methyl methacrylate	9.295	41	135702	170.424	ug/l	96
49) 1,4-Dioxane	9.301	88	37670	3321.215	ug/l	# 99
51) 4-Methyl-2-Pentanone	10.075	43	773961	807.268	ug/l	97
52) Toluene	10.246	92	744652	160.478	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	370858	164.193	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	444848	162.088	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	220428	154.908	ug/l	98
56) Ethyl methacrylate	10.514	69	279355	154.021	ug/l	96
57) 1,3-Dichloropropane	10.794	76	359577	155.423	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	759506	924.965	ug/l	97
59) 2-Hexanone	10.837	43	547488	831.368	ug/l	97
60) Dibromochloromethane	10.990	129	271373	161.208	ug/l	99
61) 1,2-Dibromoethane	11.093	107	210635	160.629	ug/l	99
64) Tetrachloroethene	10.721	164	330837	146.673	ug/l	98
65) Chlorobenzene	11.520	112	782505	156.874	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	306165	163.838	ug/l	98
67) Ethyl Benzene	11.599	91	1464768	167.442	ug/l	97
68) m/p-Xylenes	11.709	106	1158668	337.076	ug/l	98
69) o-Xylene	12.032	106	544095	170.616	ug/l	98
70) Styrene	12.050	104	913642	172.599	ug/l	99
71) Bromoform	12.215	173	173612	167.653	ug/l	# 97
73) Isopropylbenzene	12.337	105	1388879	162.348	ug/l	99
74) N-amyl acetate	12.148	43	258748	171.486	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	235166	160.078	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	297968	272.339	ug/l	# 100
77) Bromobenzene	12.611	156	330259	159.410	ug/l	94
78) n-propylbenzene	12.678	91	1631775	158.963	ug/l	98
79) 2-Chlorotoluene	12.764	91	892493	155.292	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	1121595	163.643	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	78103	164.027	ug/l	94
82) 4-Chlorotoluene	12.861	91	914945	155.647	ug/l	97
83) tert-Butylbenzene	13.081	119	991199	164.690	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	1108279	163.789	ug/l	98
85) sec-Butylbenzene	13.257	105	1467673	159.500	ug/l	98
86) p-Isopropyltoluene	13.373	119	1281938	170.186	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	677001	162.801	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	621022	153.609	ug/l	99
89) n-Butylbenzene	13.702	91	1110742	161.621	ug/l	99
90) Hexachloroethane	13.965	117	231455	153.267	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	551920	156.909	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	32055	155.210	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	313175	168.561	ug/l	99
94) Hexachlorobutadiene	15.117	225	168011	146.467	ug/l	98
95) Naphthalene	15.239	128	591969	155.476	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	264034	165.656	ug/l	100

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QLast Update : Sat Feb 24 04:41:20 2024
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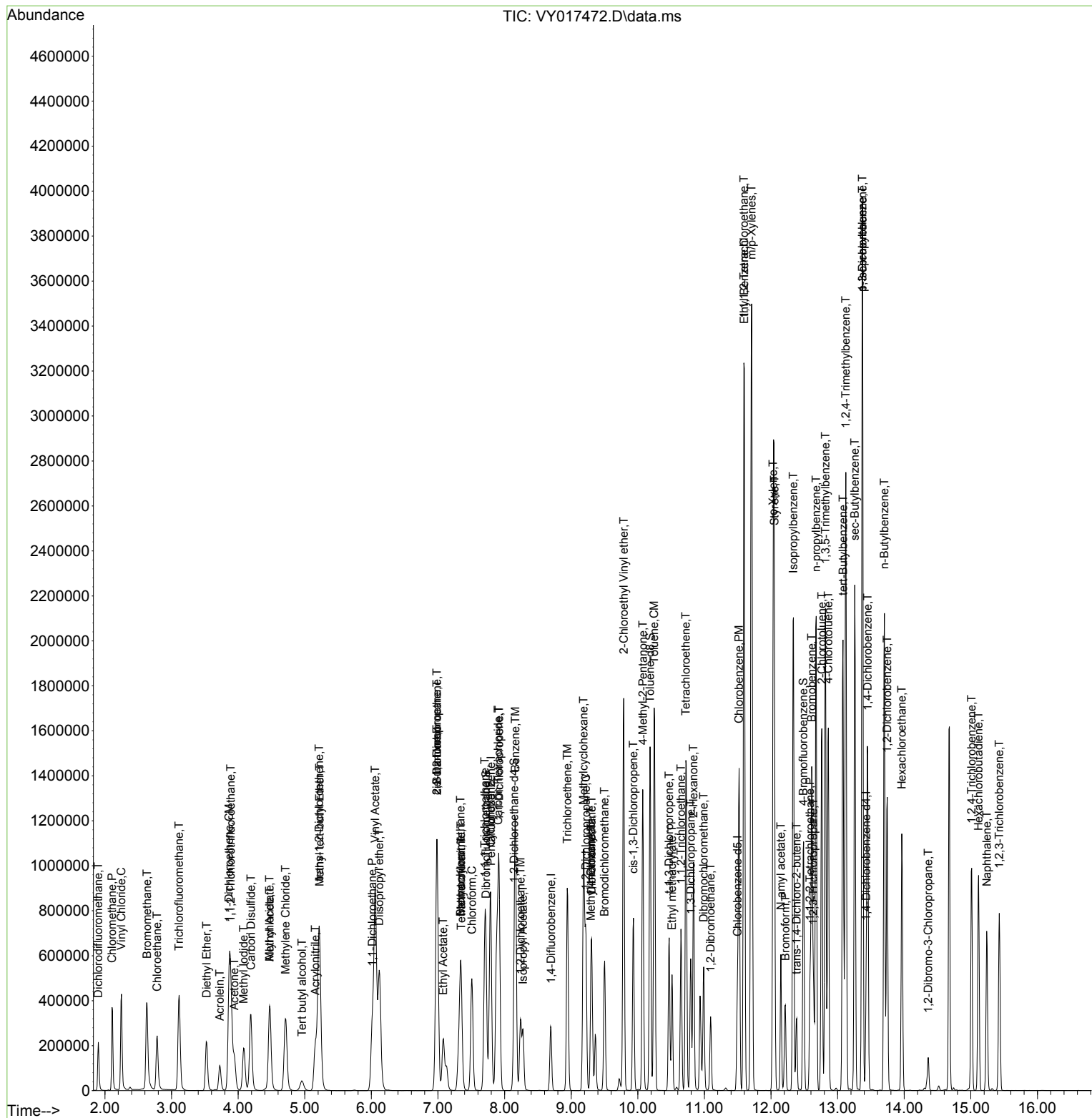
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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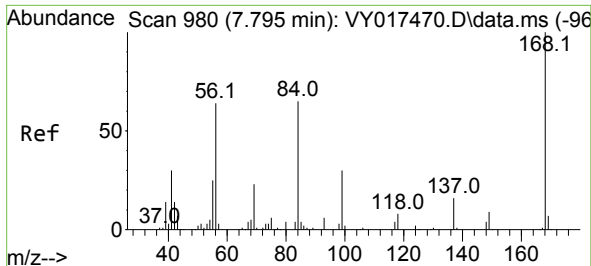
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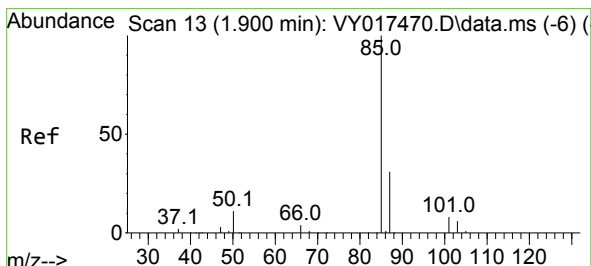
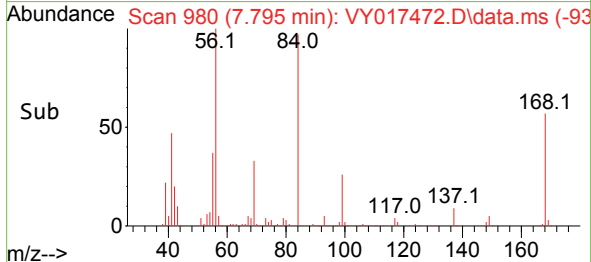
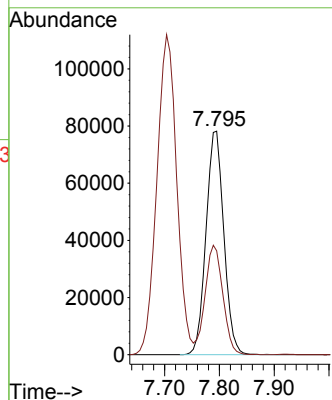
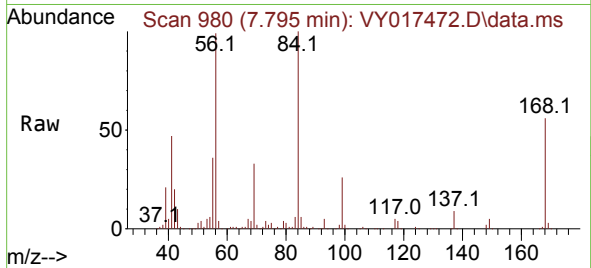




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017472.D
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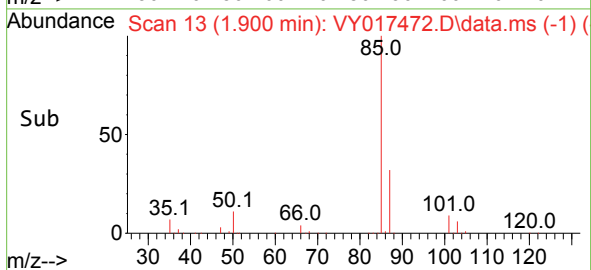
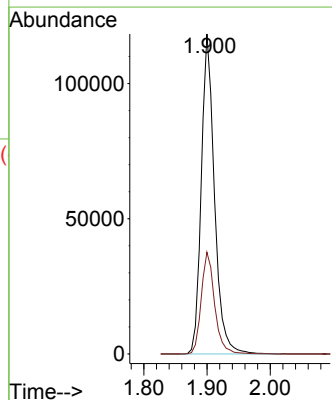
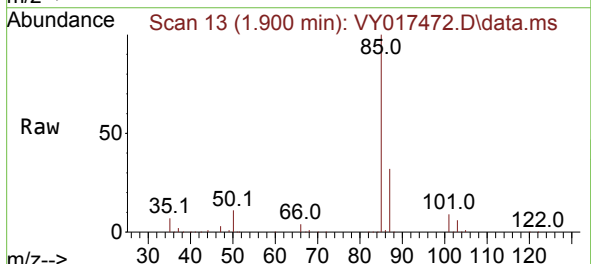
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

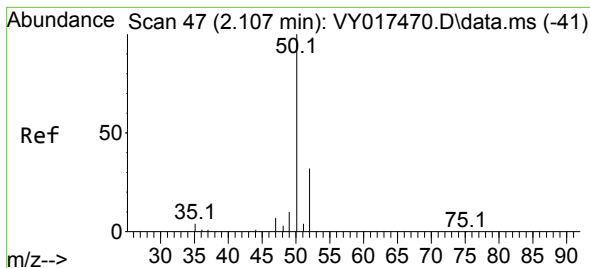
Tgt Ion:168 Resp: 175982
Ion Ratio Lower Upper
168 100
99 46.3 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 132.079 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017472.D
Acq: 23 Feb 2024 18:20

Tgt Ion: 85 Resp: 171458
Ion Ratio Lower Upper
85 100
87 31.8 16.0 48.0





#3

Chloromethane

Concen: 132.297 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

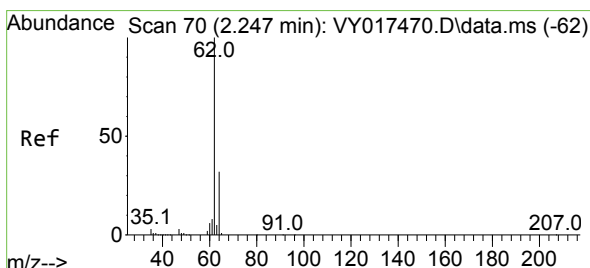
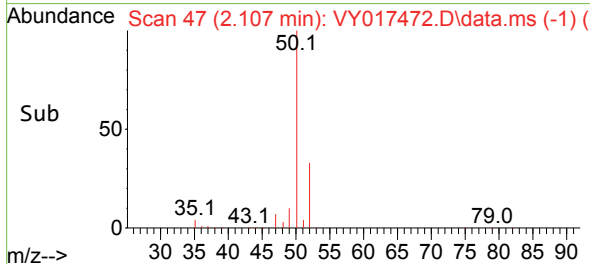
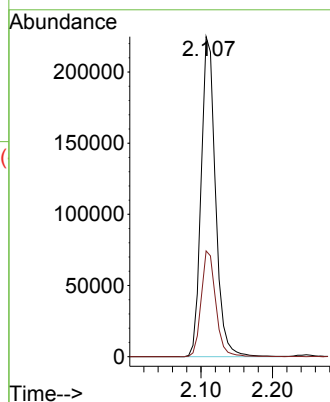
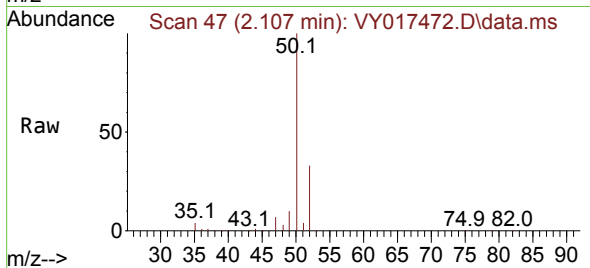
VSTDIC150

Tgt Ion: 50 Resp: 313794

Ion Ratio Lower Upper

50 100

52 33.0 25.6 38.4



#4

Vinyl Chloride

Concen: 136.392 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY017472.D

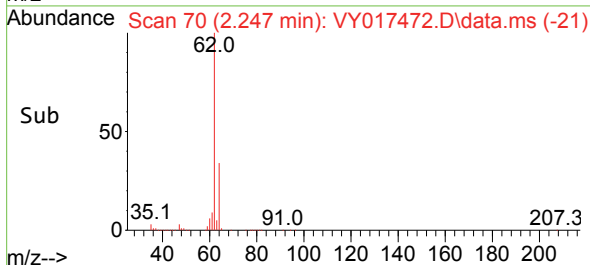
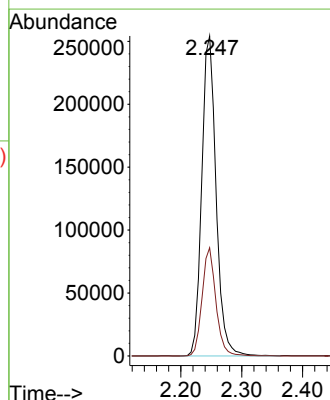
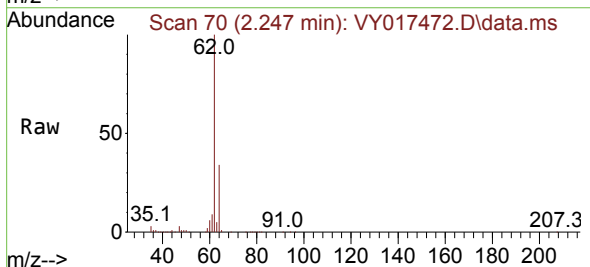
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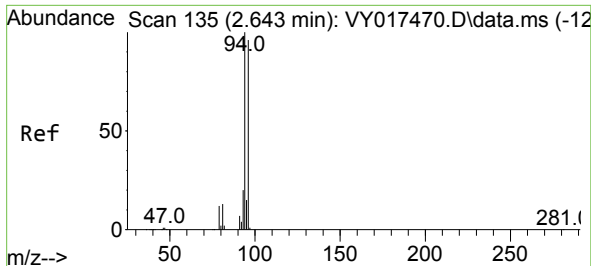
Tgt Ion: 62 Resp: 415024

Ion Ratio Lower Upper

62 100

64 33.8 26.1 39.1

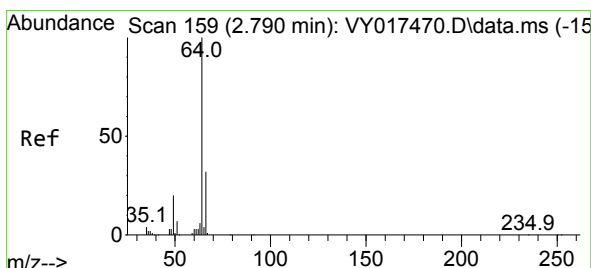
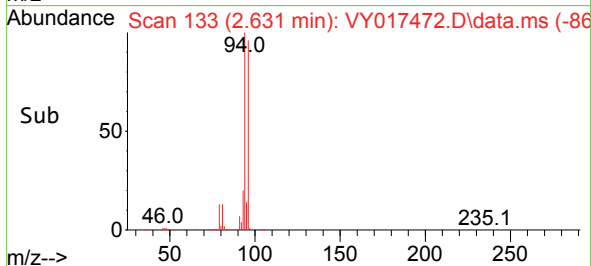
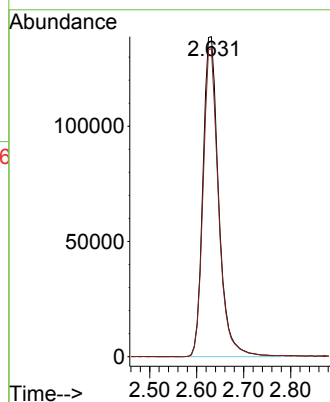
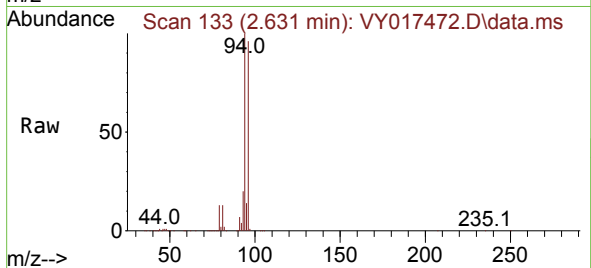




#5
Bromomethane
Concen: 130.687 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017472.D
Acq: 23 Feb 2024 18:20

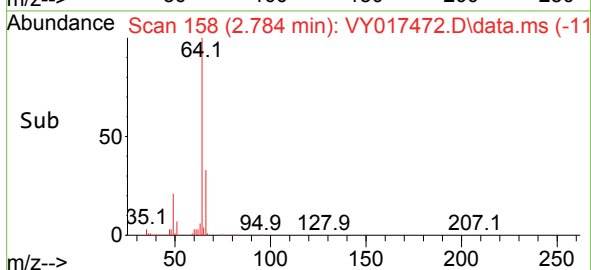
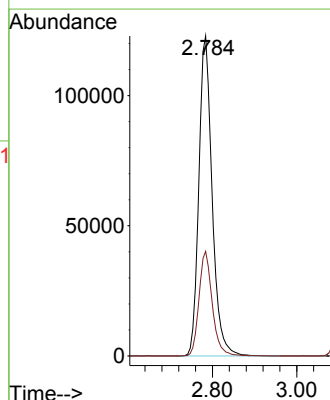
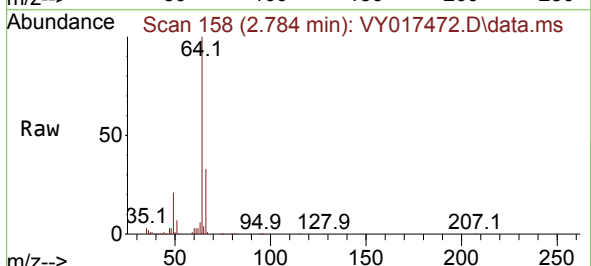
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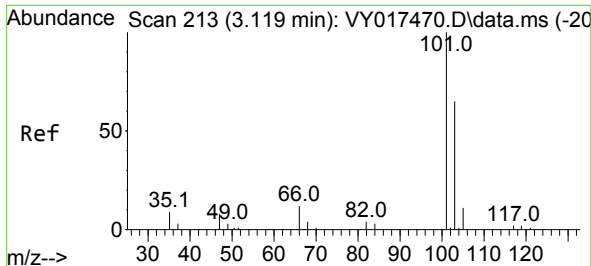
Tgt Ion: 94 Resp: 324065
Ion Ratio Lower Upper
94 100
96 96.3 74.1 111.1



#6
Chloroethane
Concen: 140.500 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY017472.D
Acq: 23 Feb 2024 18:20

Tgt Ion: 64 Resp: 269701
Ion Ratio Lower Upper
64 100
66 32.7 26.1 39.1

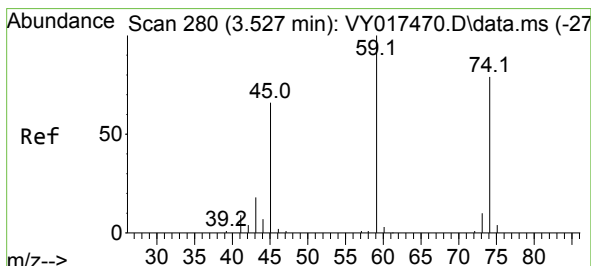
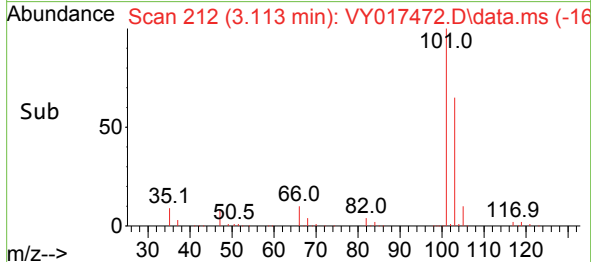
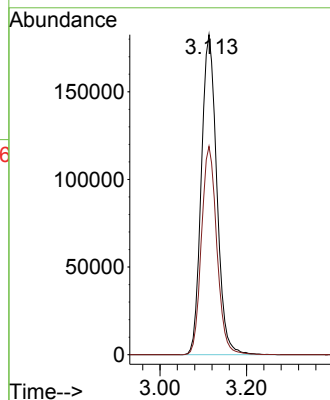
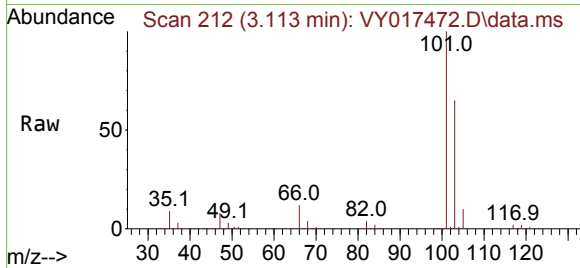




#7
 Trichlorofluoromethane
 Concen: 145.833 ug/l
 RT: 3.113 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY017472.D
 Acq: 23 Feb 2024 18:20

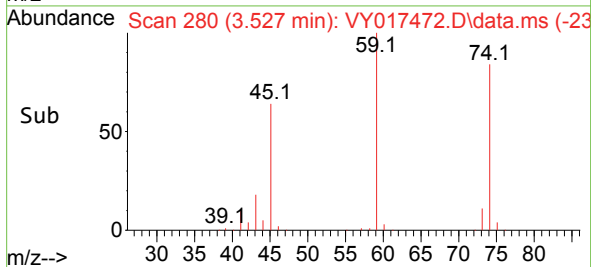
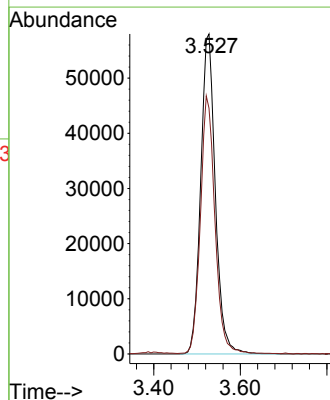
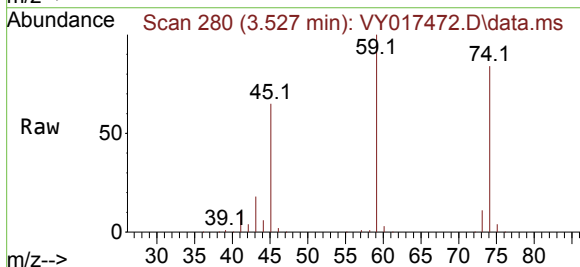
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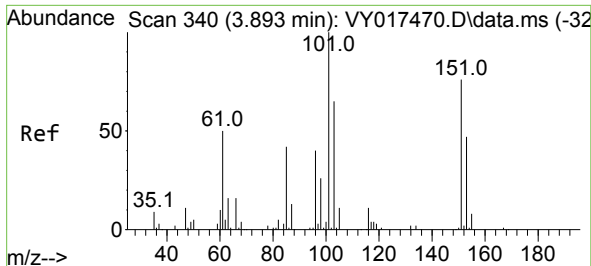
Tgt Ion:101 Resp: 452269
 Ion Ratio Lower Upper
 101 100
 103 65.1 49.3 73.9



#8
 Diethyl Ether
 Concen: 149.607 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY017472.D
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Tgt Ion: 74 Resp: 136082
 Ion Ratio Lower Upper
 74 100
 45 80.1 41.3 124.1



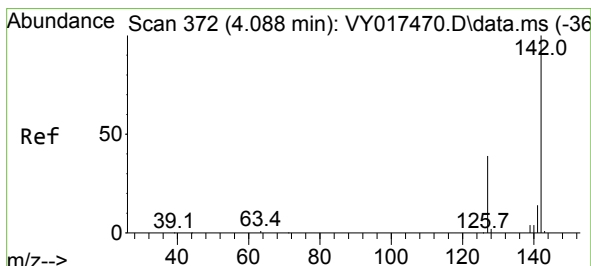
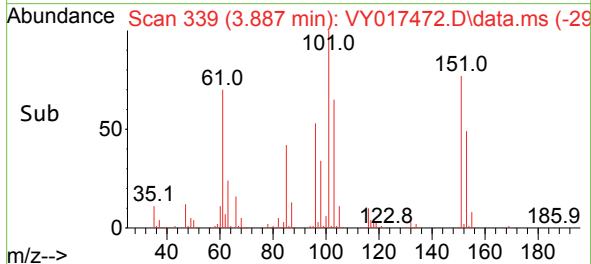
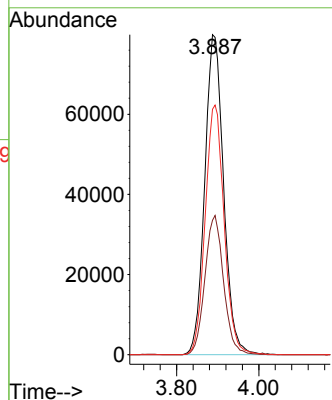
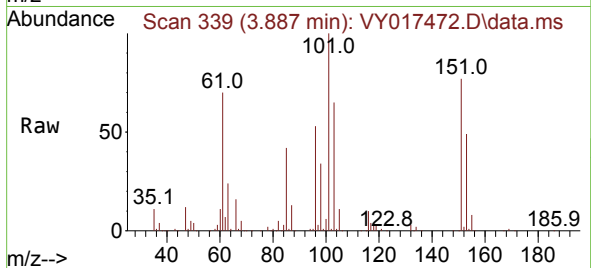


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 142.610 ug/l
 RT: 3.887 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VY017472.D
 Acq: 23 Feb 2024 18:20

Instrument :
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 ClientSampleId :
 VSTDIC150

Tgt Ion:101 Resp: 254394

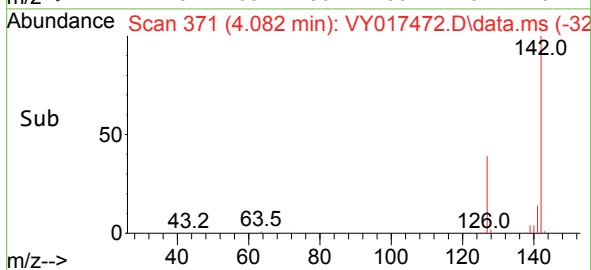
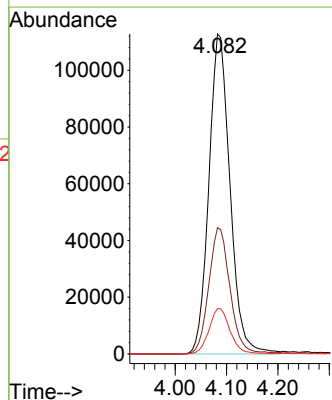
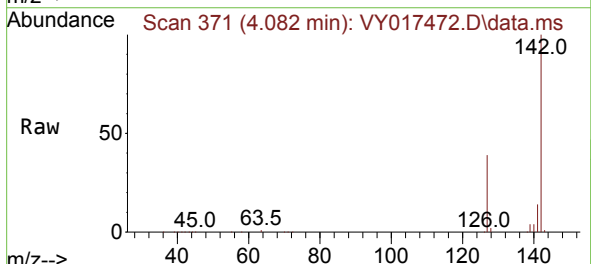
Ion	Ratio	Lower	Upper
101	100		
85	43.1	34.5	51.7
151	78.4	61.7	92.5

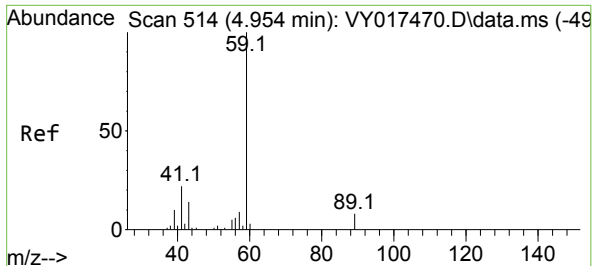


#10
 Methyl Iodide
 Concen: 161.001 ug/l
 RT: 4.082 min Scan# 371
 Delta R.T. -0.006 min
 Lab File: VY017472.D
 Acq: 23 Feb 2024 18:20

Tgt Ion:142 Resp: 322315

Ion	Ratio	Lower	Upper
142	100		
127	39.9	32.8	49.2
141	14.2	11.4	17.2





#11

Tert butyl alcohol

Concen: 612.414 ug/l

RT: 4.960 min Scan# 514

Delta R.T. 0.006 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

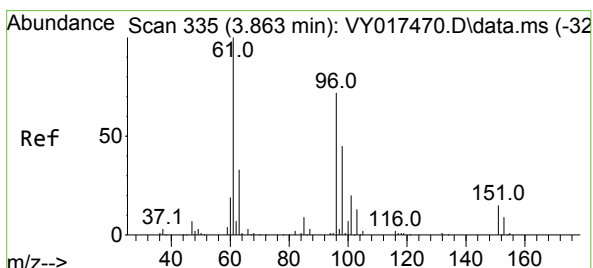
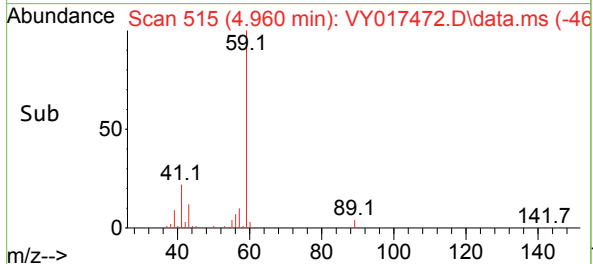
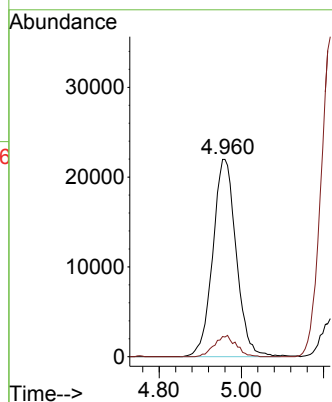
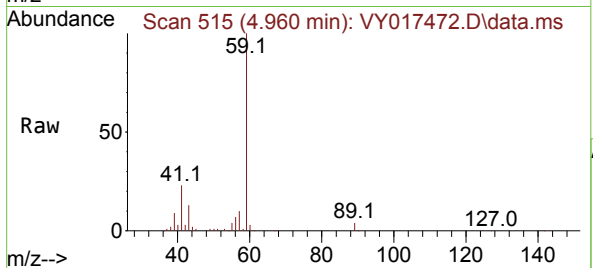
VSTDIC150

Tgt Ion: 59 Resp: 86762

Ion Ratio Lower Upper

59 100

57 10.0 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 148.481 ug/l

RT: 3.863 min Scan# 335

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

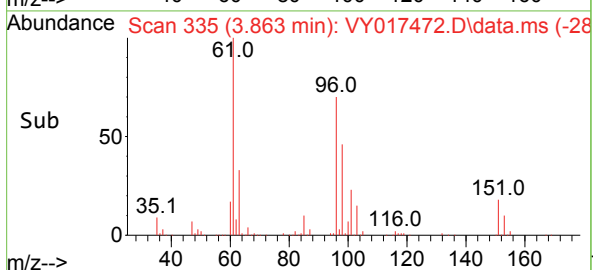
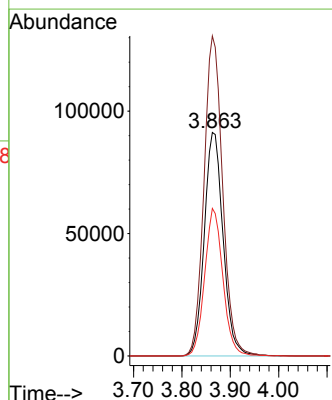
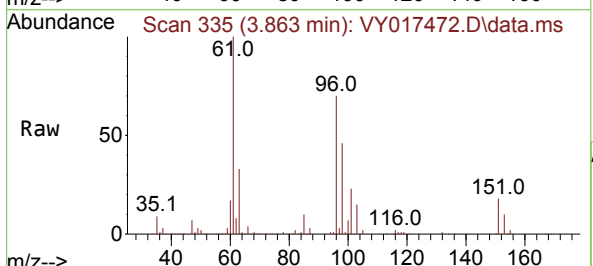
Tgt Ion: 96 Resp: 246841

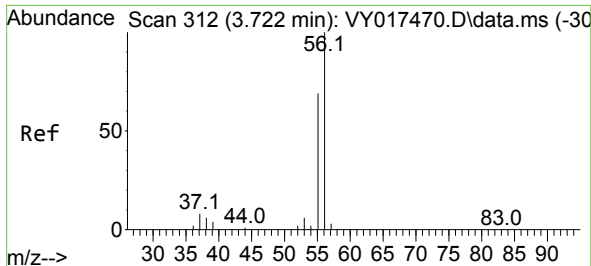
Ion Ratio Lower Upper

96 100

61 143.2 114.6 171.8

98 66.0 50.8 76.2





#13

Acrolein

Concen: 736.445 ug/l

RT: 3.723 min Scan# 312

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

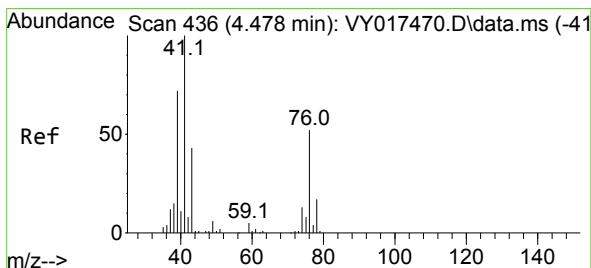
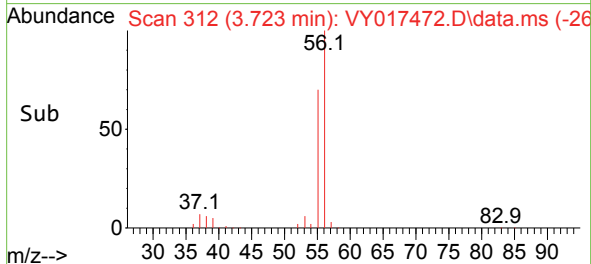
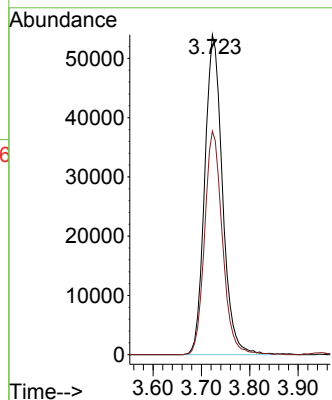
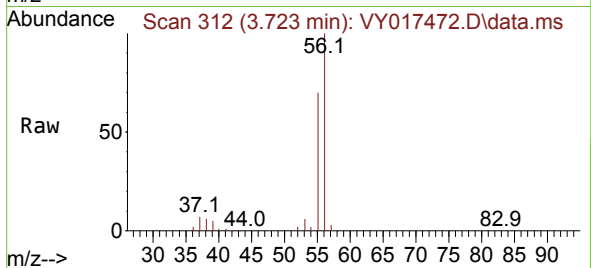
VSTDIC150

Tgt Ion: 56 Resp: 137665

Ion Ratio Lower Upper

56 100

55 70.0 55.7 83.5



#14

Allyl chloride

Concen: 149.329 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

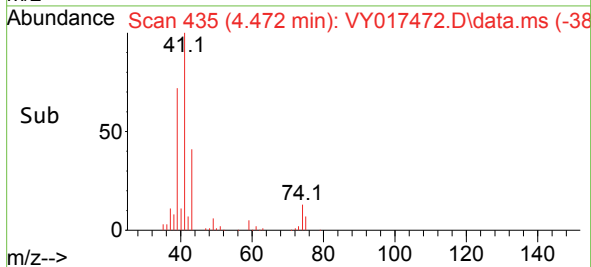
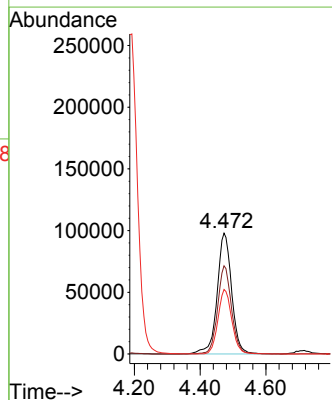
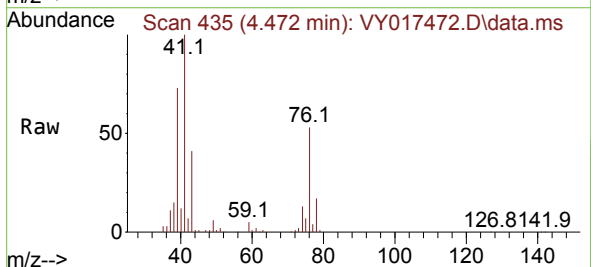
Tgt Ion: 41 Resp: 299959

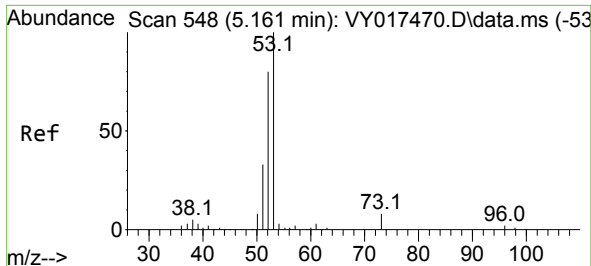
Ion Ratio Lower Upper

41 100

39 69.6 58.3 87.5

76 50.5 39.0 58.6

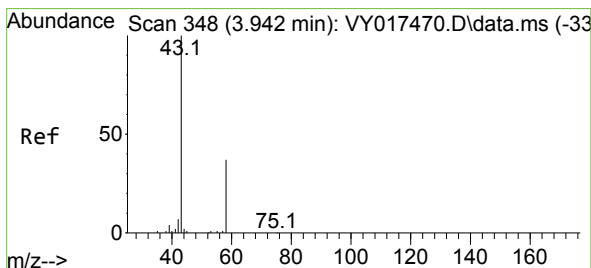
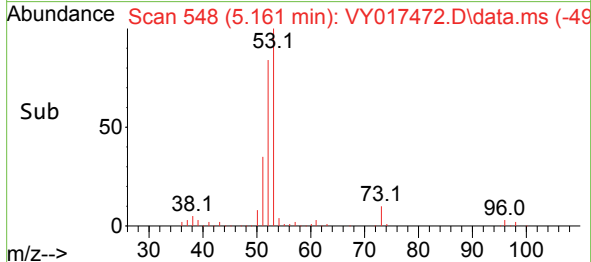
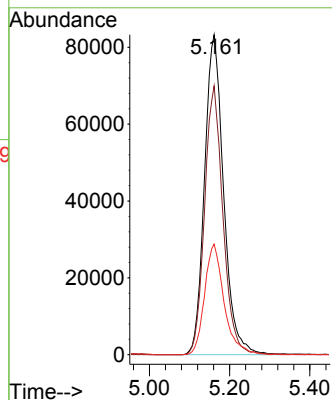
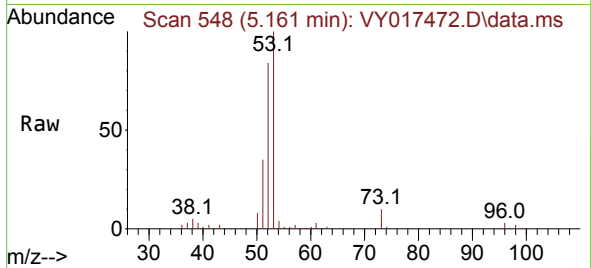




#15
Acrylonitrile
Concen: 736.722 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY017472.D
Acq: 23 Feb 2024 18:20

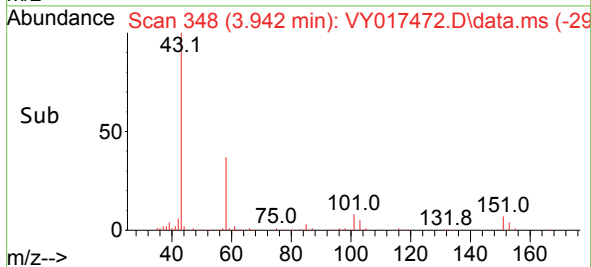
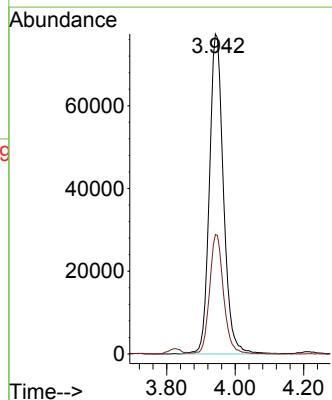
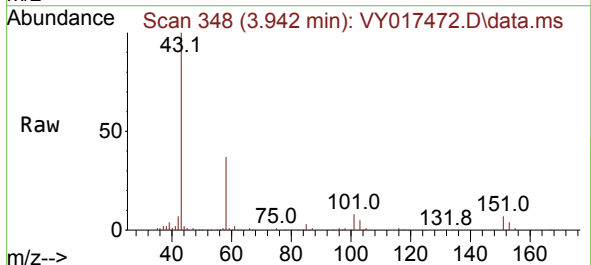
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

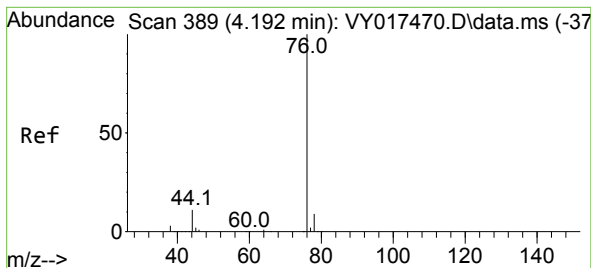
Tgt Ion: 53 Resp: 275474
Ion Ratio Lower Upper
53 100
52 80.8 64.7 97.1
51 35.3 28.4 42.6



#16
Acetone
Concen: 683.258 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017472.D
Acq: 23 Feb 2024 18:20

Tgt Ion: 43 Resp: 221029
Ion Ratio Lower Upper
43 100
58 37.3 31.7 47.5





#17

Carbon Disulfide

Concen: 144.335 ug/l

RT: 4.192 min Scan# 389

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

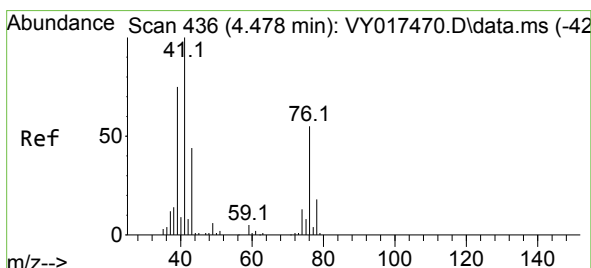
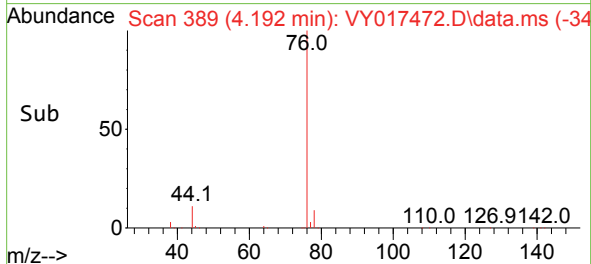
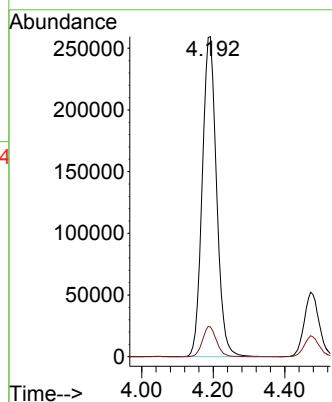
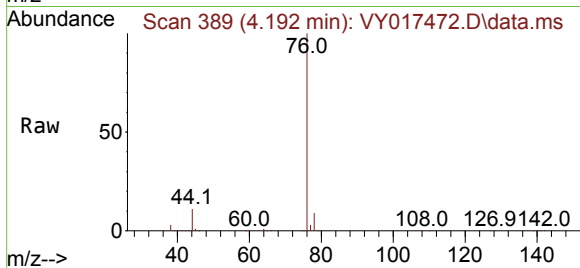
VSTDIC150

Tgt Ion: 76 Resp: 720219

Ion Ratio Lower Upper

76 100

78 9.3 6.8 10.2



#18

Methyl Acetate

Concen: 152.728 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY017472.D

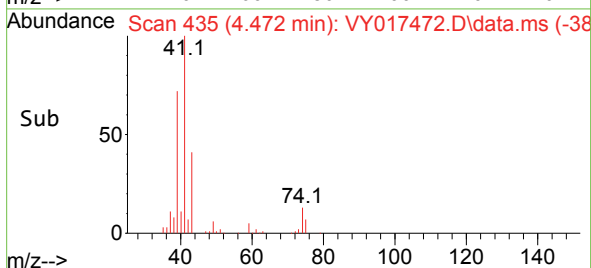
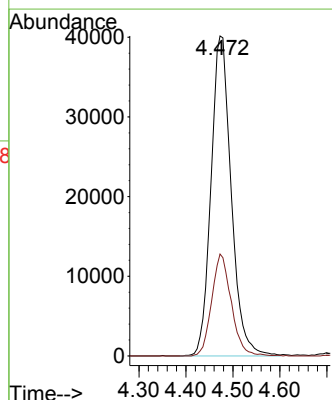
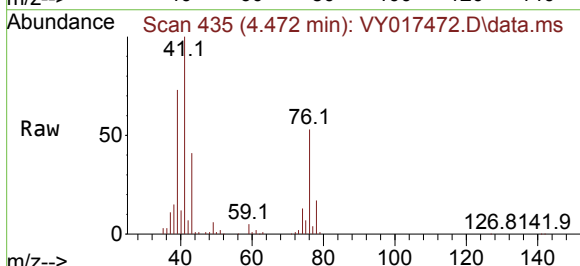
Acq: 23 Feb 2024 18:20

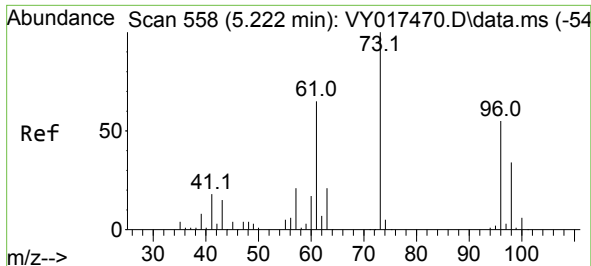
Tgt Ion: 43 Resp: 119863

Ion Ratio Lower Upper

43 100

74 30.8 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 158.779 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

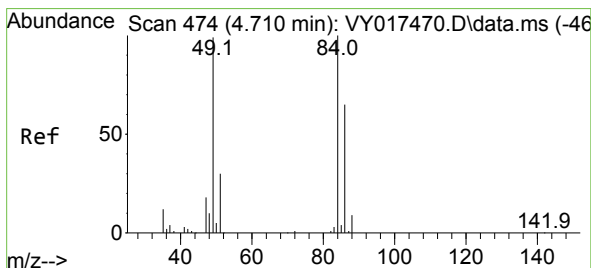
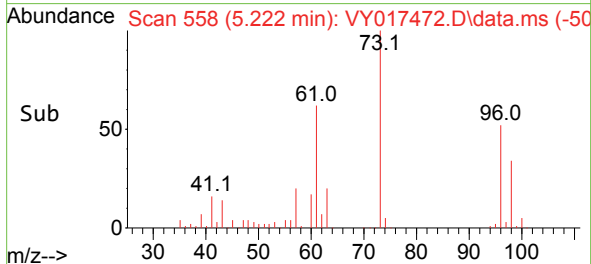
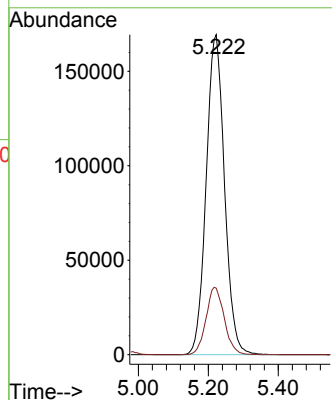
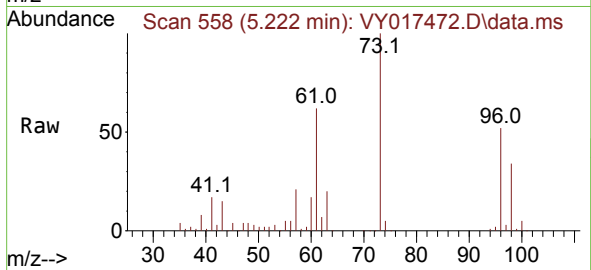
VSTDIC150

Tgt Ion: 73 Resp: 615239

Ion Ratio Lower Upper

73 100

57 20.8 17.3 25.9



#20

Methylene Chloride

Concen: 152.699 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

Tgt Ion: 84 Resp: 268835

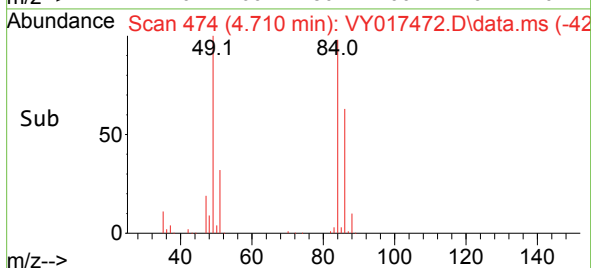
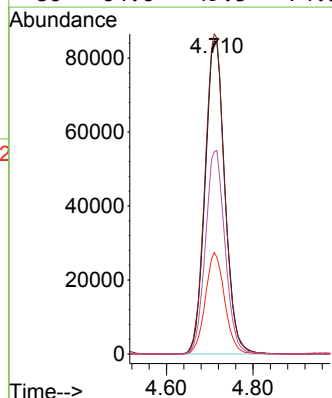
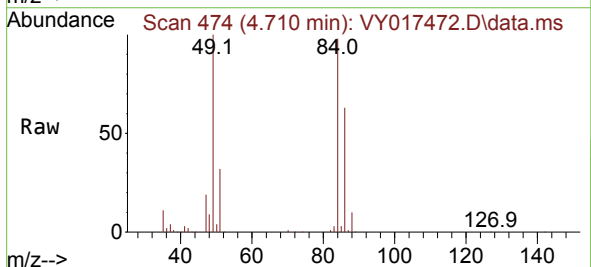
Ion Ratio Lower Upper

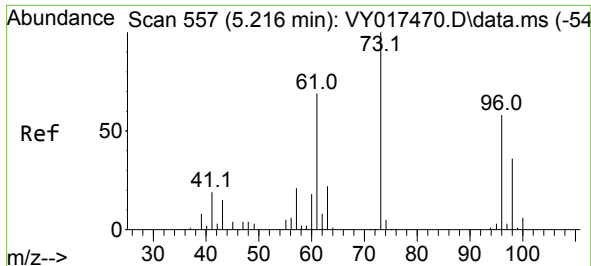
84 100

49 102.1 84.4 126.6

51 32.4 26.0 39.0

86 64.6 49.5 74.3

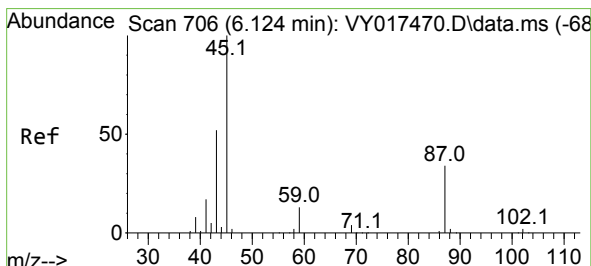
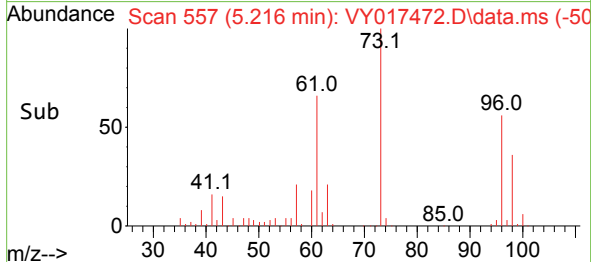
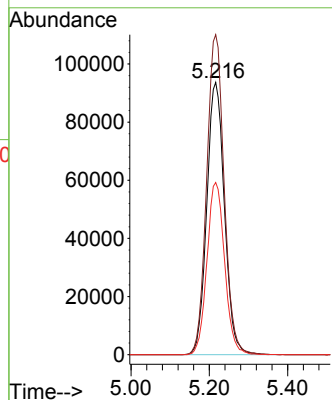
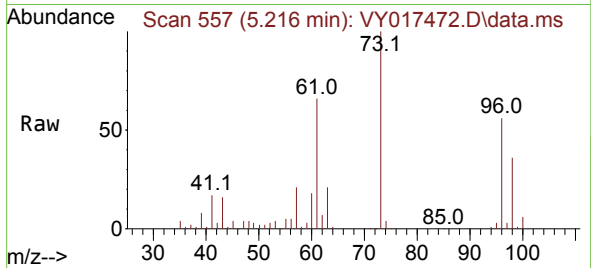




#21
trans-1,2-Dichloroethene
Concen: 150.580 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017472.D
Acq: 23 Feb 2024 18:20

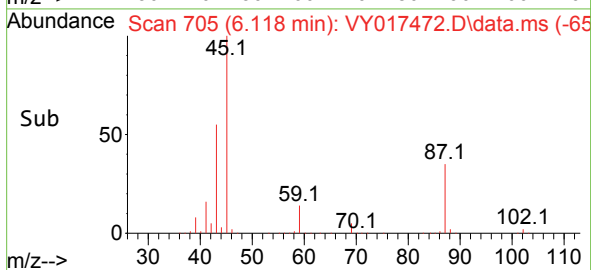
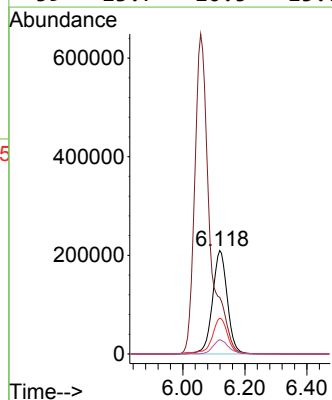
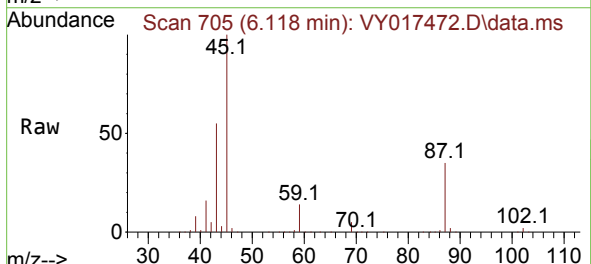
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

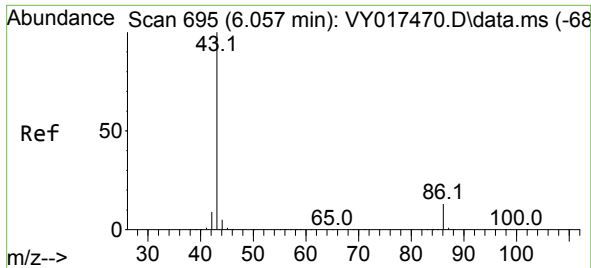
Tgt Ion: 96 Resp: 293101
Ion Ratio Lower Upper
96 100
61 117.5 97.5 146.3
98 63.2 50.5 75.7



#22
Diisopropyl ether
Concen: 149.983 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY017472.D
Acq: 23 Feb 2024 18:20

Tgt Ion: 45 Resp: 695211
Ion Ratio Lower Upper
45 100
43 54.7 42.2 63.2
87 34.6 25.0 37.6
59 13.7 10.5 15.7

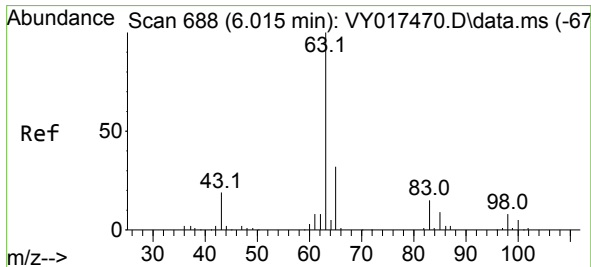
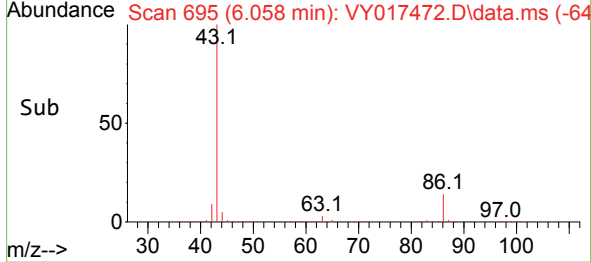
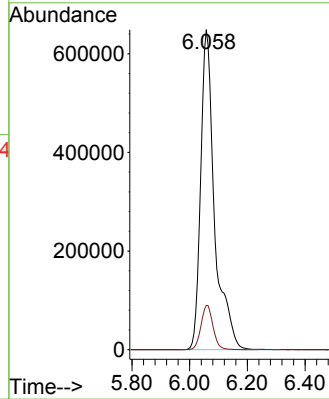
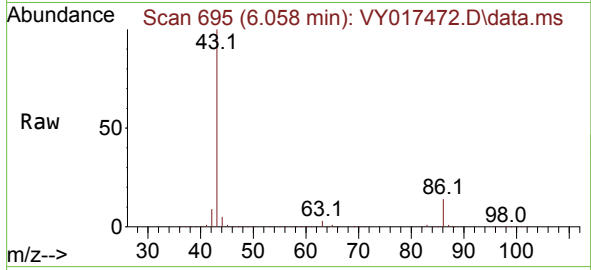




#23
 Vinyl Acetate
 Concen: 782.476 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY017472.D
 Acq: 23 Feb 2024 18:20

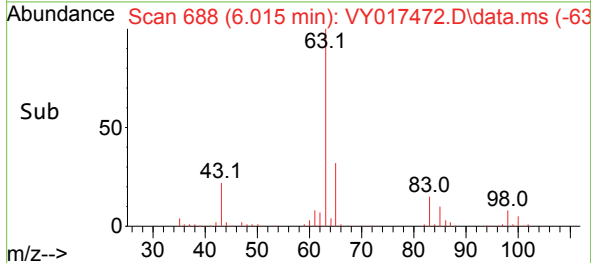
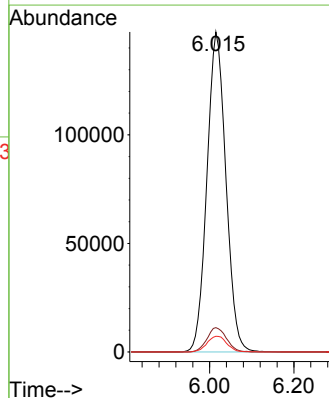
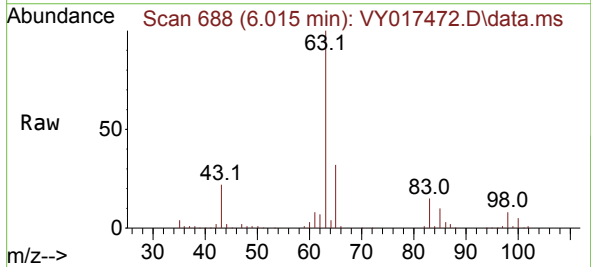
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

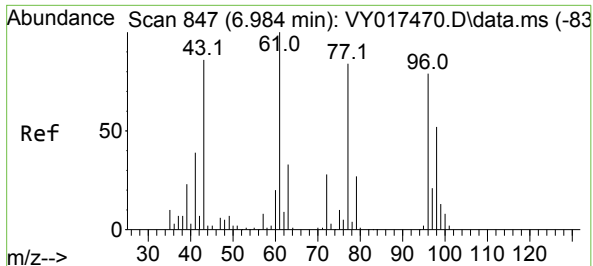
Tgt Ion: 43 Resp: 2161294
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 145.469 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY017472.D
 Acq: 23 Feb 2024 18:20

Tgt Ion: 63 Resp: 460665
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.0 12.2
 100 4.9 2.6 8.0

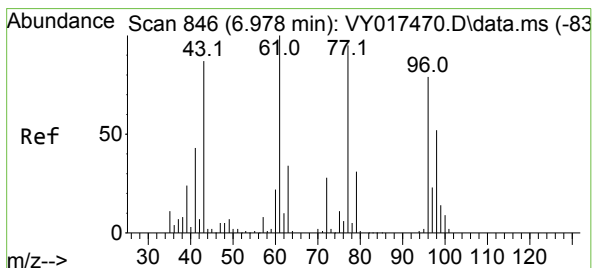
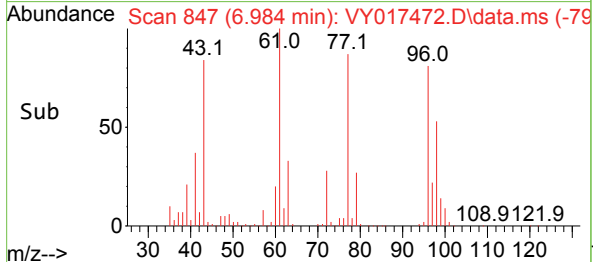
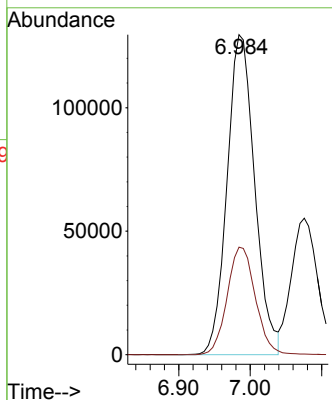
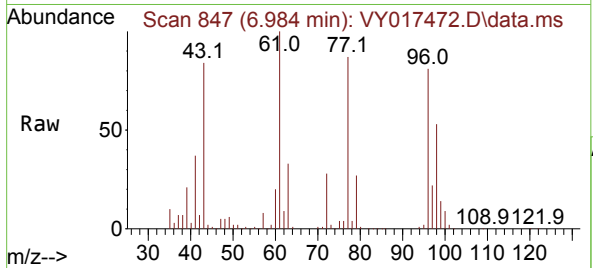




#25
2-Butanone
Concen: 755.036 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY017472.D
Acq: 23 Feb 2024 18:20

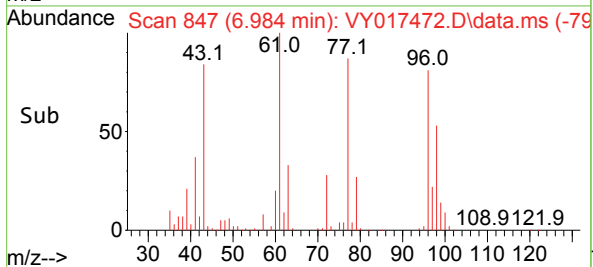
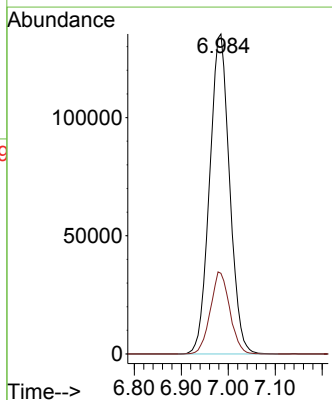
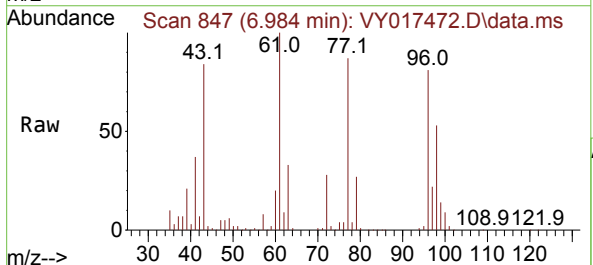
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

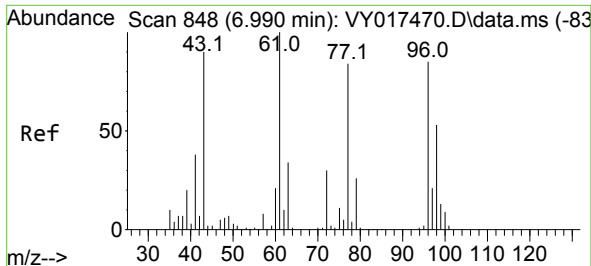
Tgt Ion: 43 Resp: 348085
Ion Ratio Lower Upper
43 100
72 33.6 27.3 40.9



#26
2,2-Dichloropropane
Concen: 149.965 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY017472.D
Acq: 23 Feb 2024 18:20

Tgt Ion: 77 Resp: 399281
Ion Ratio Lower Upper
77 100
97 24.8 12.0 36.1

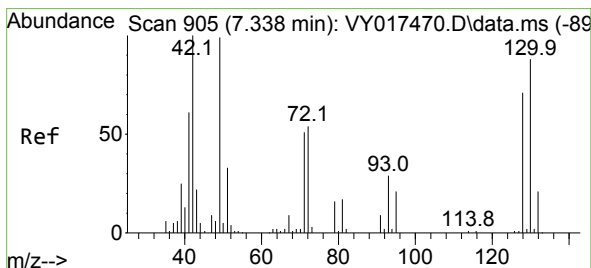
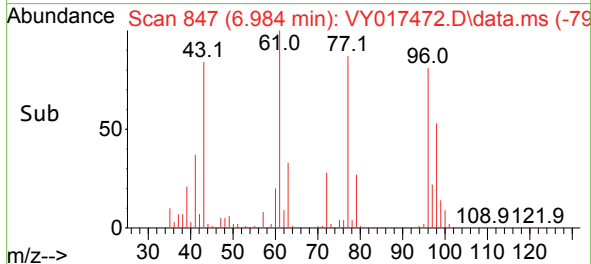
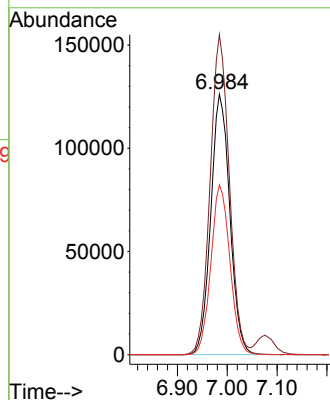
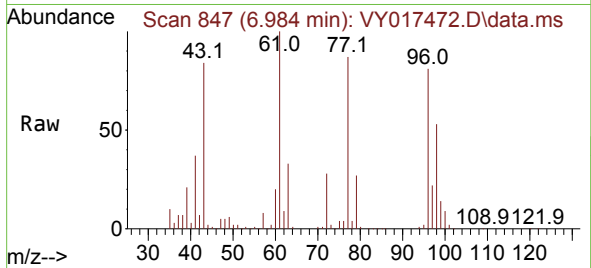




#27
 cis-1,2-Dichloroethene
 Concen: 153.386 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY017472.D
 Acq: 23 Feb 2024 18:20

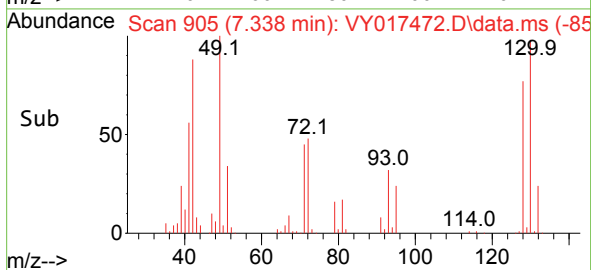
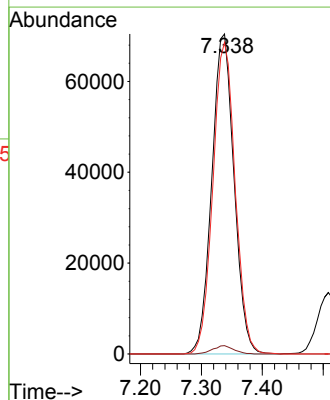
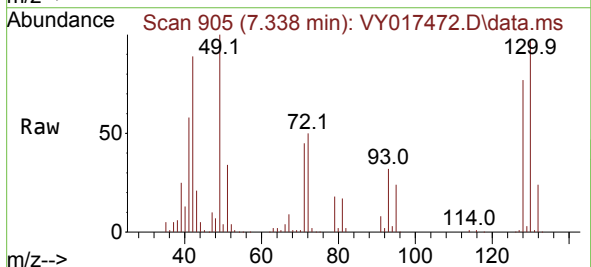
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

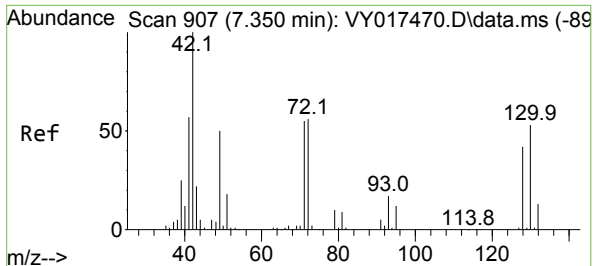
Tgt Ion: 96 Resp: 335220
 Ion Ratio Lower Upper
 96 100
 61 123.5 0.0 256.2
 98 65.1 0.0 130.0



#28
 Bromochloromethane
 Concen: 143.300 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.000 min
 Lab File: VY017472.D
 Acq: 23 Feb 2024 18:20

Tgt Ion: 49 Resp: 178720
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.6
 130 97.4 72.7 109.1





#29

Tetrahydrofuran

Concen: 760.051 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

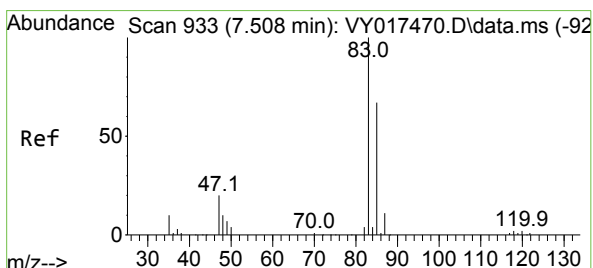
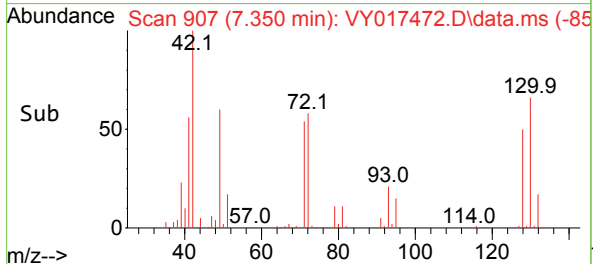
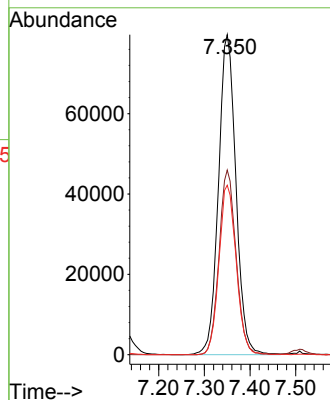
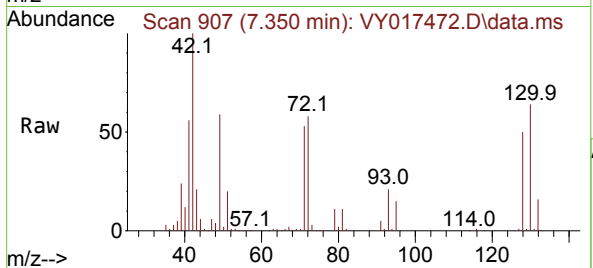
Tgt Ion: 42 Resp: 211222

Ion Ratio Lower Upper

42 100

72 56.3 43.0 64.4

71 52.4 40.8 61.2



#30

Chloroform

Concen: 146.038 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017472.D

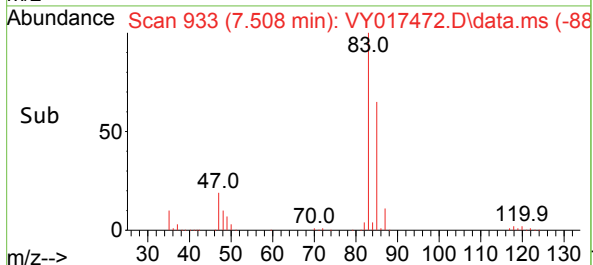
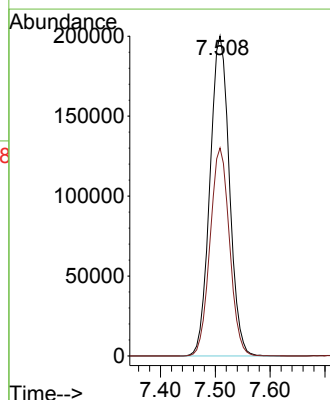
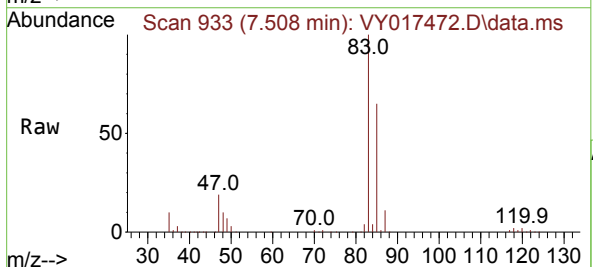
Acq: 23 Feb 2024 18:20

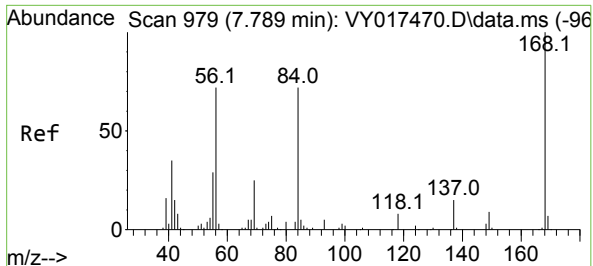
Tgt Ion: 83 Resp: 492373

Ion Ratio Lower Upper

83 100

85 65.0 52.2 78.4

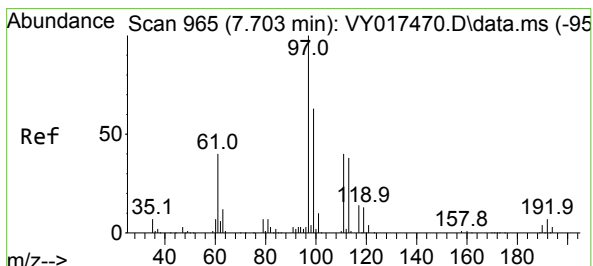
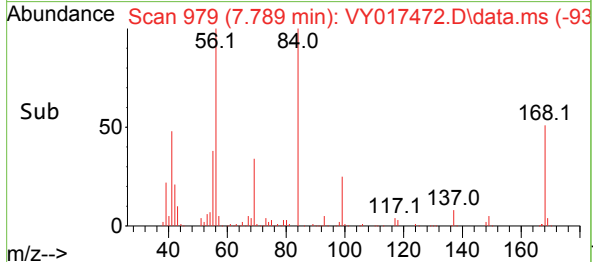
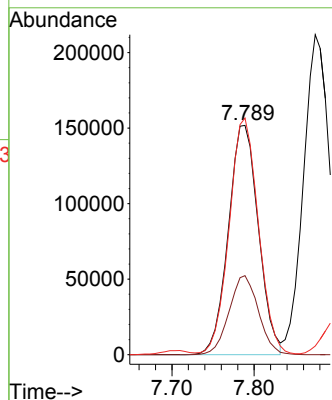
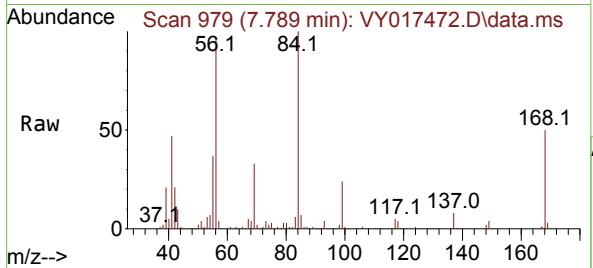




#31
Cyclohexane
Concen: 142.225 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017472.D
Acq: 23 Feb 2024 18:20

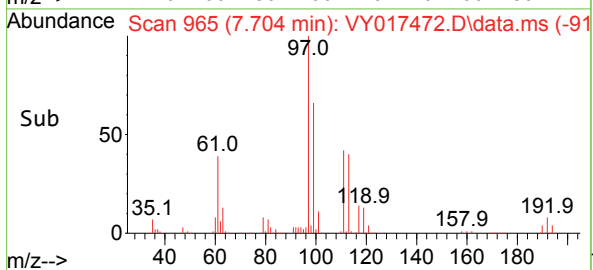
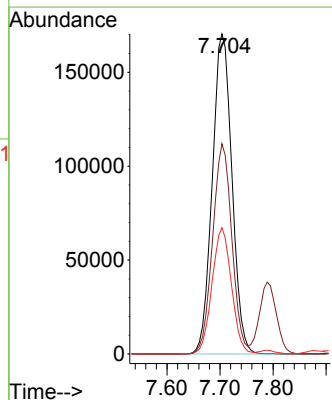
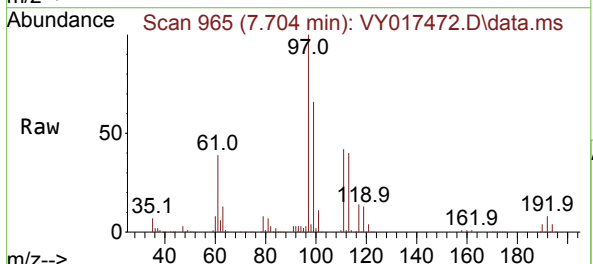
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

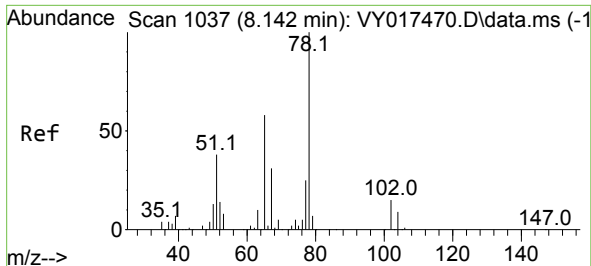
Tgt Ion: 56 Resp: 386032
Ion Ratio Lower Upper
56 100
69 34.5 28.7 43.1
84 101.3 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 150.079 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017472.D
Acq: 23 Feb 2024 18:20

Tgt Ion: 97 Resp: 439300
Ion Ratio Lower Upper
97 100
99 64.2 50.3 75.5
61 38.9 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 138.662 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

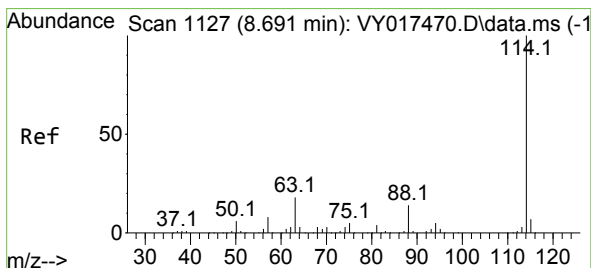
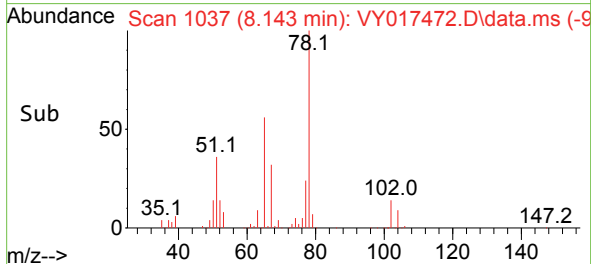
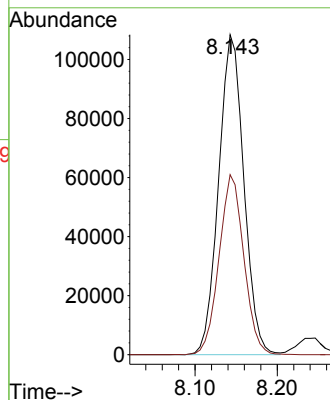
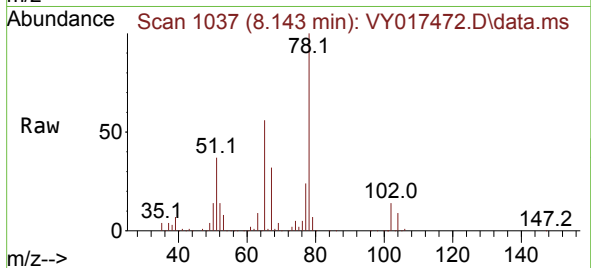
VSTDIC150

Tgt Ion: 65 Resp: 231265

Ion Ratio Lower Upper

65 100

67 55.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

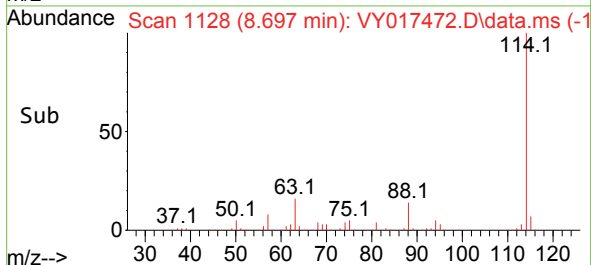
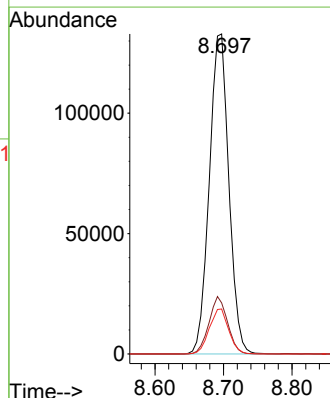
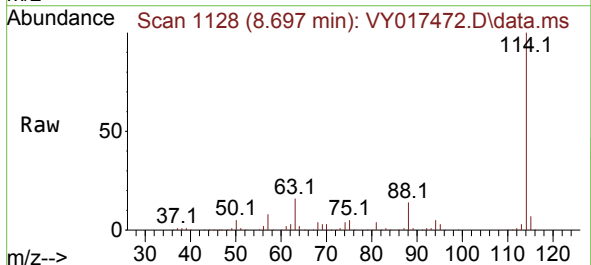
Tgt Ion: 114 Resp: 263625

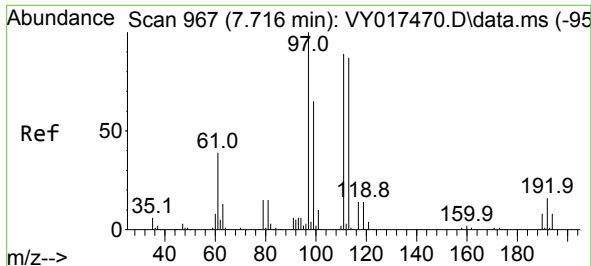
Ion Ratio Lower Upper

114 100

63 15.9 0.0 35.0

88 14.0 0.0 27.2

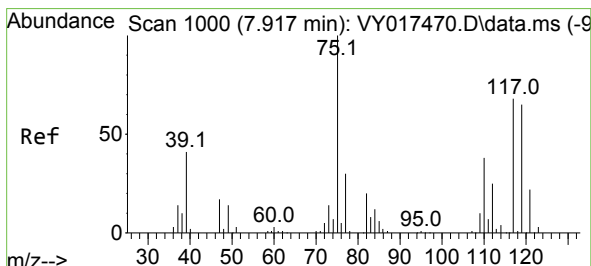
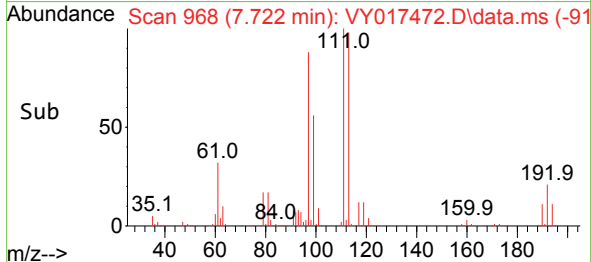
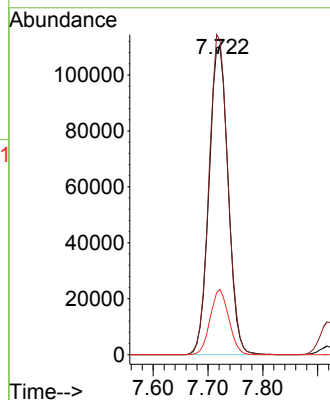
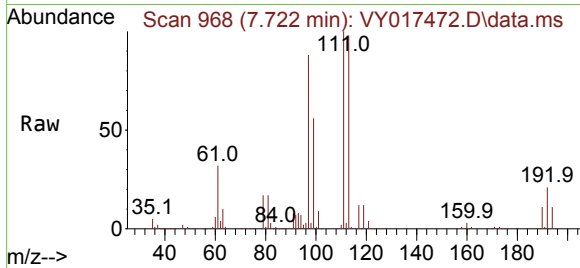




#35
Dibromofluoromethane
Concen: 145.029 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017472.D
Acq: 23 Feb 2024 18:20

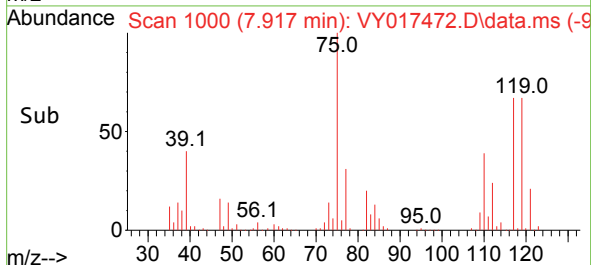
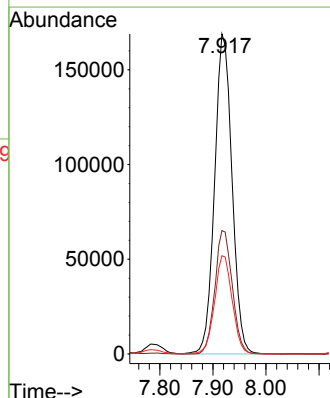
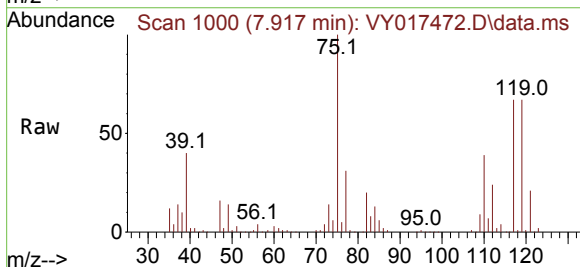
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

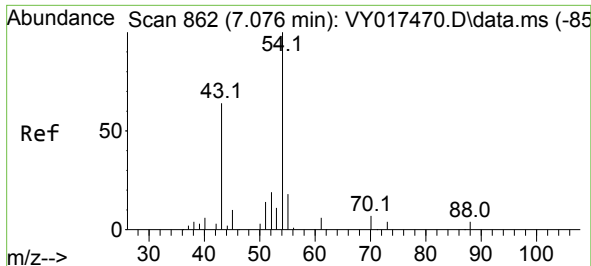
Tgt Ion:113 Resp: 266421
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 20.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 155.735 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY017472.D
Acq: 23 Feb 2024 18:20

Tgt Ion: 75 Resp: 385995
Ion Ratio Lower Upper
75 100
110 38.4 19.0 57.0
77 31.1 25.3 37.9





#37

Ethyl Acetate

Concen: 149.752 ug/l

RT: 7.076 min Scan# 862

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

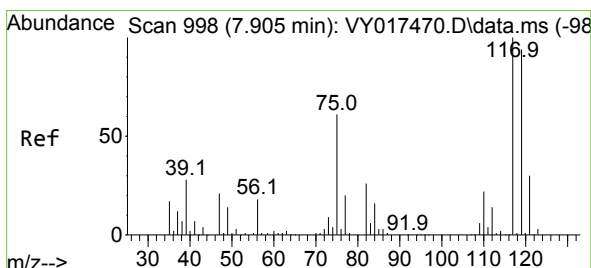
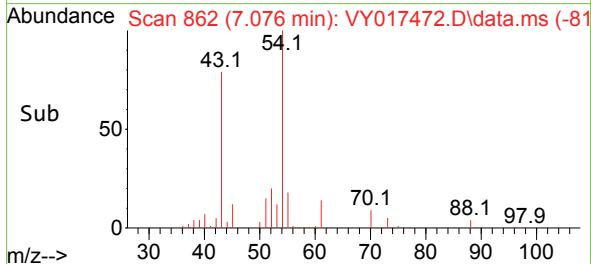
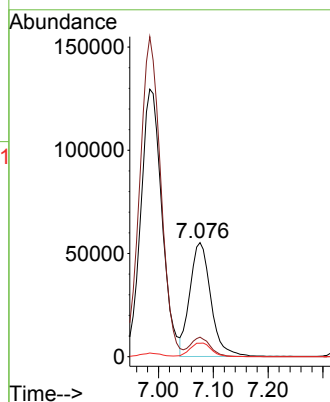
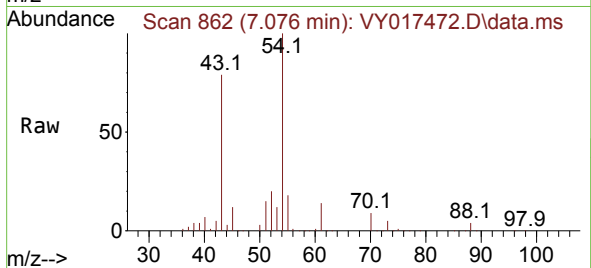
Tgt Ion: 43 Resp: 146597

Ion Ratio Lower Upper

43 100

61 16.1 12.6 19.0

70 12.3 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 159.810 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

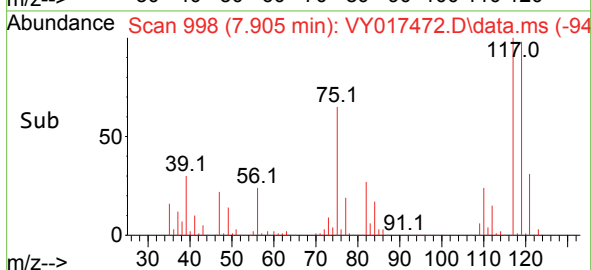
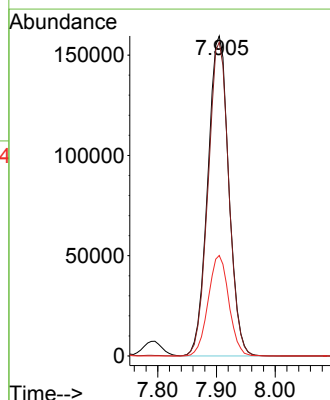
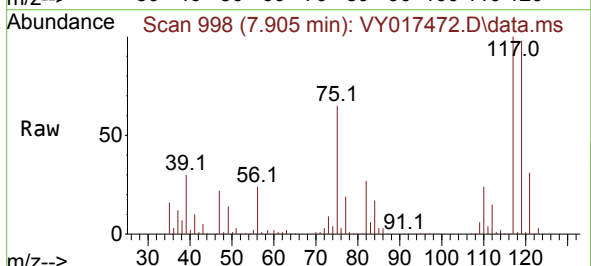
Tgt Ion:117 Resp: 396976

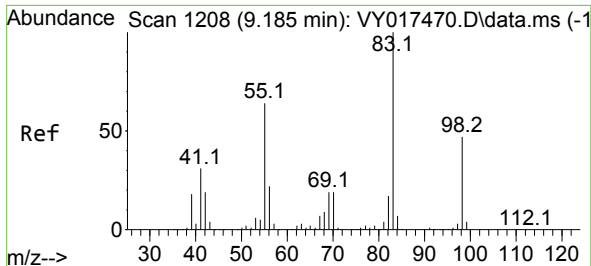
Ion Ratio Lower Upper

117 100

119 98.0 75.8 113.6

121 31.4 24.0 36.0





#39

Methylcyclohexane

Concen: 165.891 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

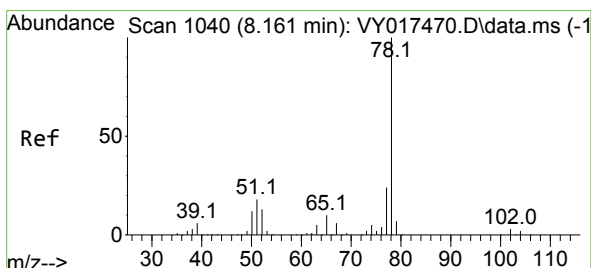
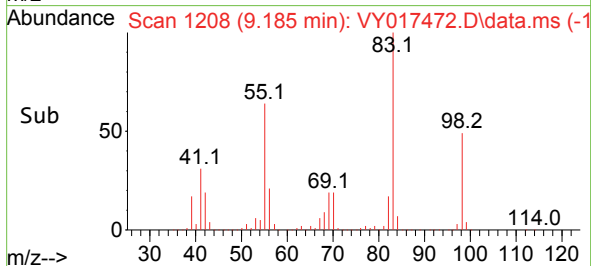
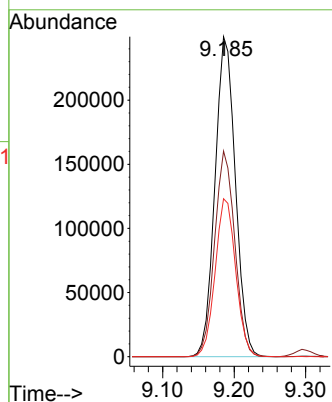
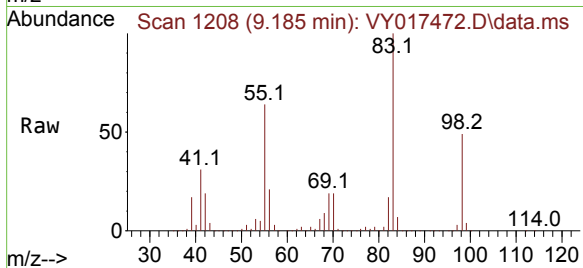
Tgt Ion: 83 Resp: 494136

Ion Ratio Lower Upper

83 100

55 64.2 51.5 77.3

98 49.3 40.5 60.7



#40

Benzene

Concen: 156.136 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY017472.D

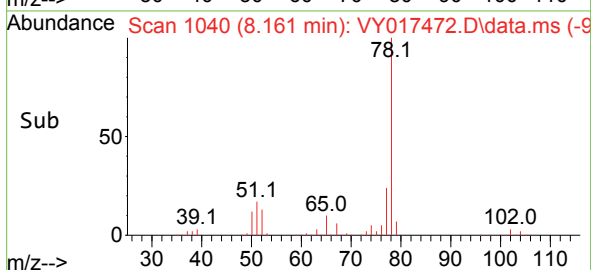
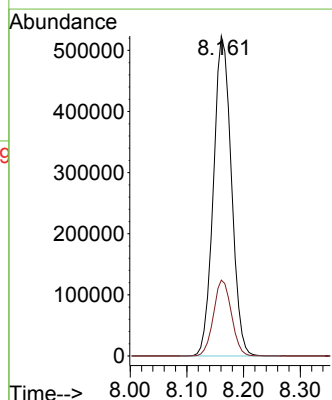
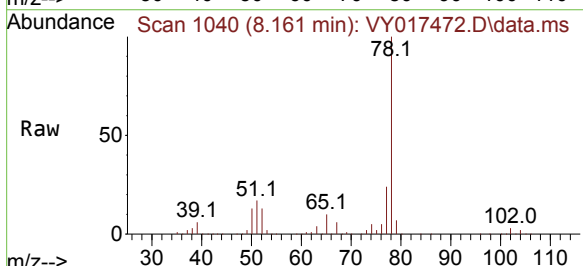
Acq: 23 Feb 2024 18:20

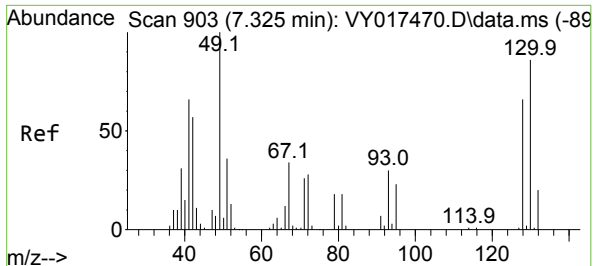
Tgt Ion: 78 Resp: 1149258

Ion Ratio Lower Upper

78 100

77 23.7 19.5 29.3

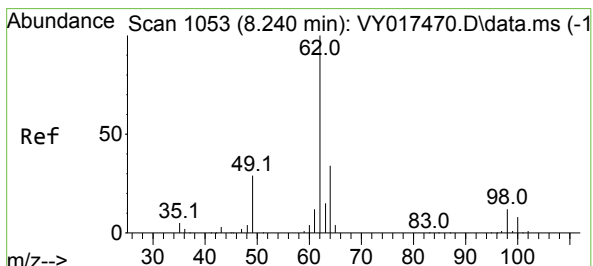
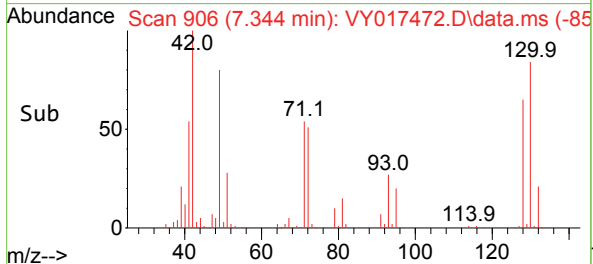
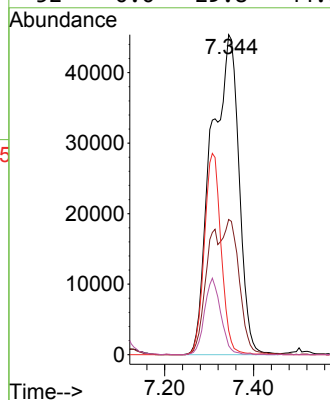
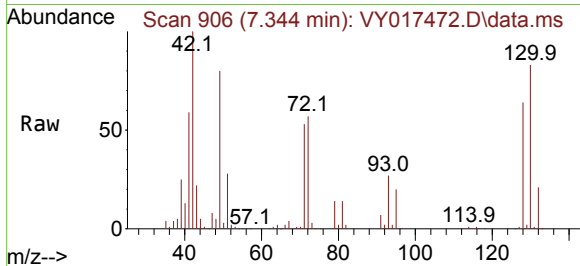




#41
Methacrylonitrile
Concen: 397.767 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.018 min
Lab File: VY017472.D
Acq: 23 Feb 2024 18:20

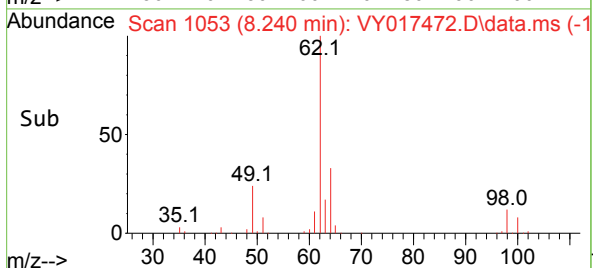
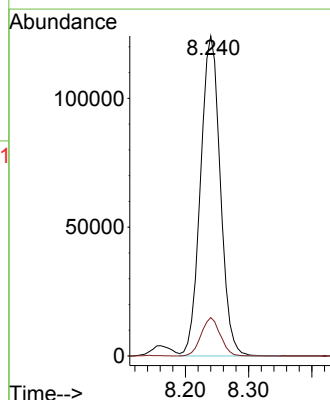
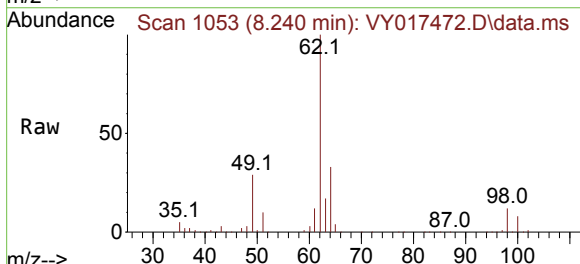
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

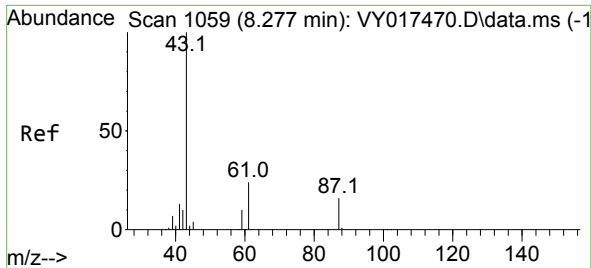
Tgt Ion: 41 Resp: 195400
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 150.693 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017472.D
Acq: 23 Feb 2024 18:20

Tgt Ion: 62 Resp: 270627
Ion Ratio Lower Upper
62 100
98 11.6 0.0 22.0

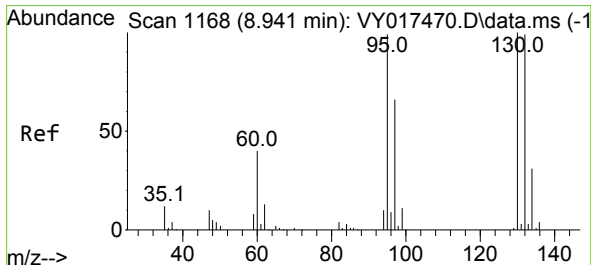
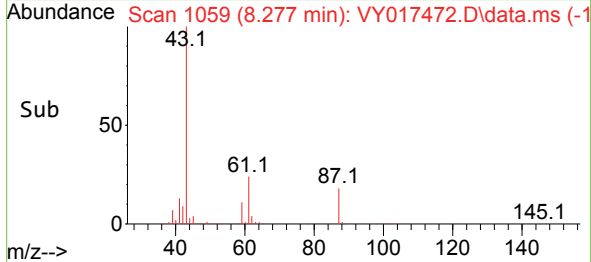
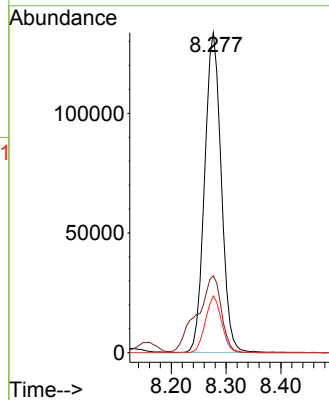
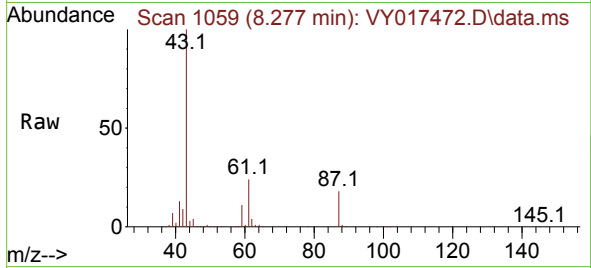




#43
Isopropyl Acetate
Concen: 162.948 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY017472.D
Acq: 23 Feb 2024 18:20

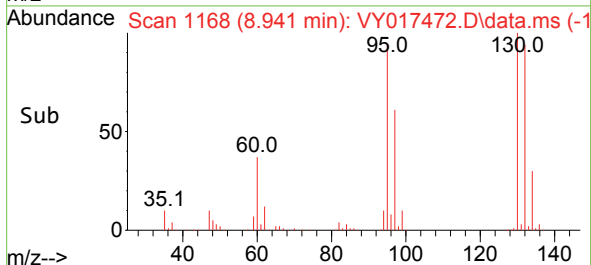
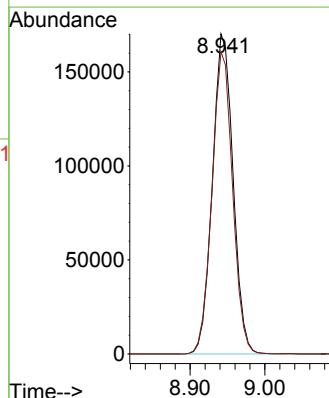
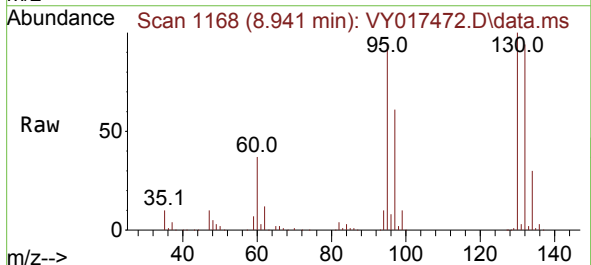
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

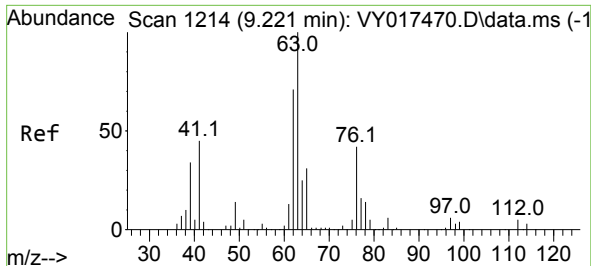
Tgt Ion: 43 Resp: 280310
Ion Ratio Lower Upper
43 100
61 35.1 27.9 41.9
87 17.3 13.1 19.7



#44
Trichloroethene
Concen: 154.006 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY017472.D
Acq: 23 Feb 2024 18:20

Tgt Ion:130 Resp: 326731
Ion Ratio Lower Upper
130 100
95 94.5 0.0 188.0

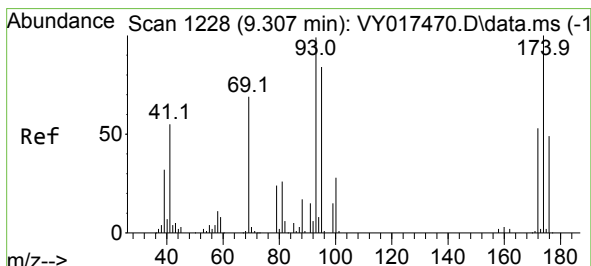
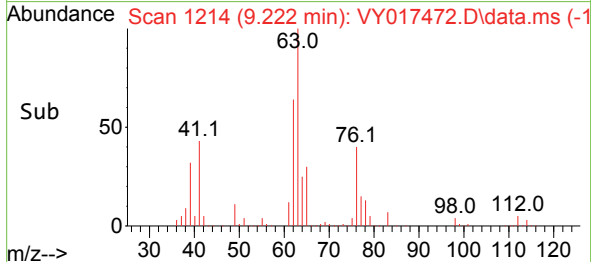
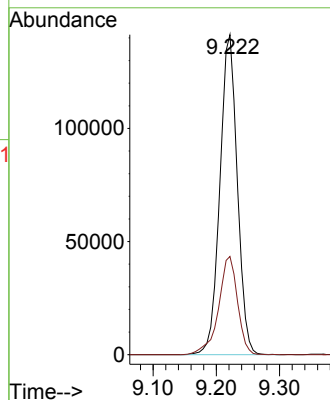
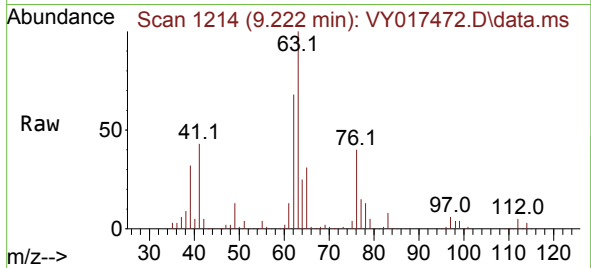




#45
1,2-Dichloropropane
Concen: 153.945 ug/l
RT: 9.222 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017472.D
Acq: 23 Feb 2024 18:20

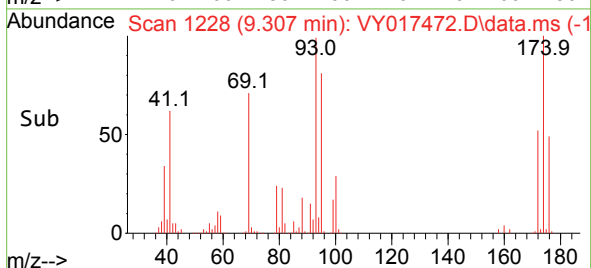
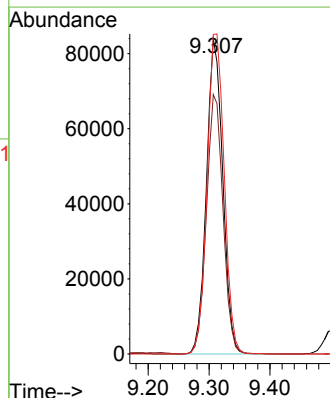
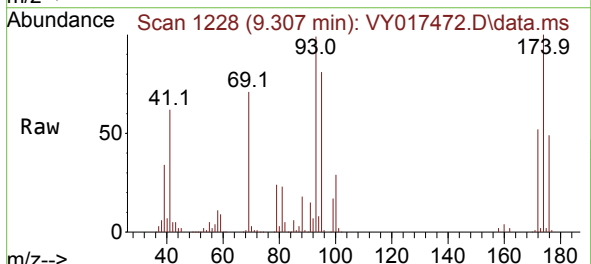
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

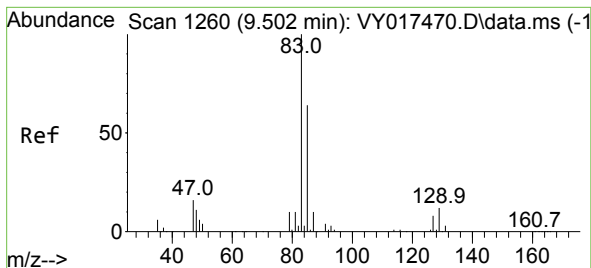
Tgt Ion: 63 Resp: 269588
Ion Ratio Lower Upper
63 100
65 30.7 25.4 38.2



#46
Dibromomethane
Concen: 156.510 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY017472.D
Acq: 23 Feb 2024 18:20

Tgt Ion: 93 Resp: 156857
Ion Ratio Lower Upper
93 100
95 83.1 66.2 99.4
174 106.0 80.9 121.3





#47

Bromodichloromethane

Concen: 155.606 ug/l

RT: 9.502 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

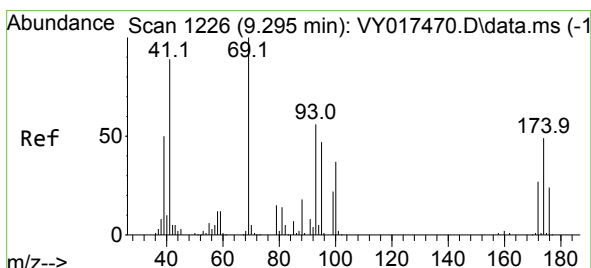
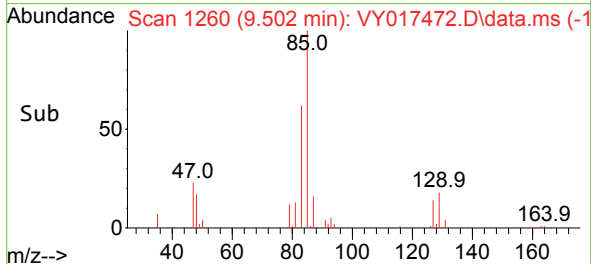
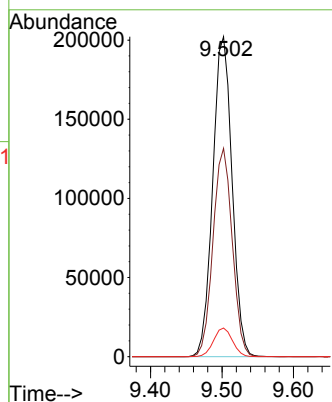
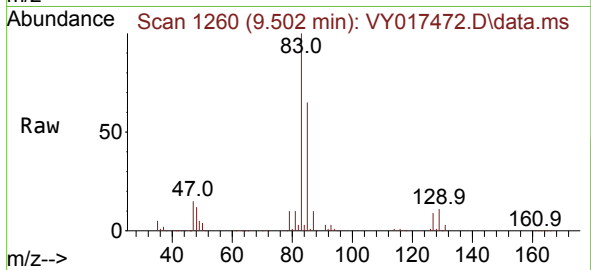
Tgt Ion: 83 Resp: 378660

Ion Ratio Lower Upper

83 100

85 65.1 50.1 75.1

127 9.0 7.4 11.0



#48

Methyl methacrylate

Concen: 170.424 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

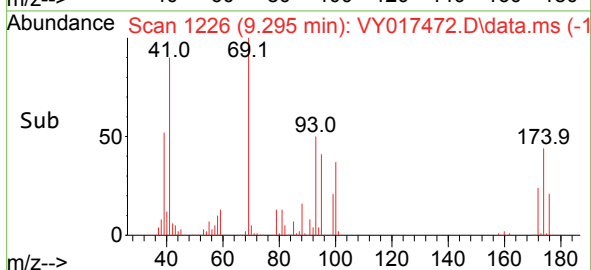
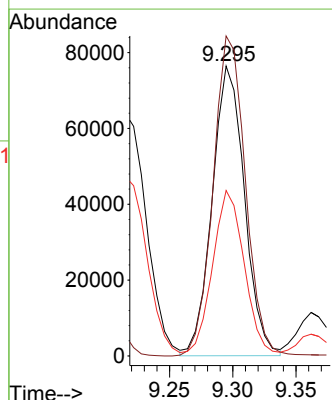
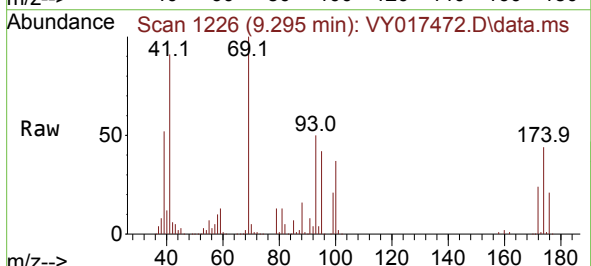
Tgt Ion: 41 Resp: 135702

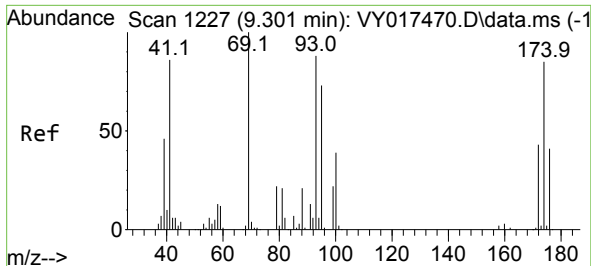
Ion Ratio Lower Upper

41 100

69 110.7 84.1 126.1

39 54.0 43.6 65.4





#49

1,4-Dioxane

Concen: 3321.215 ug/l

RT: 9.301 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

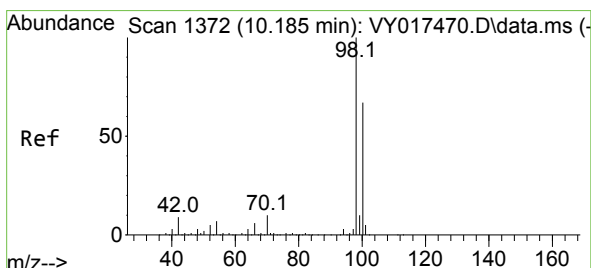
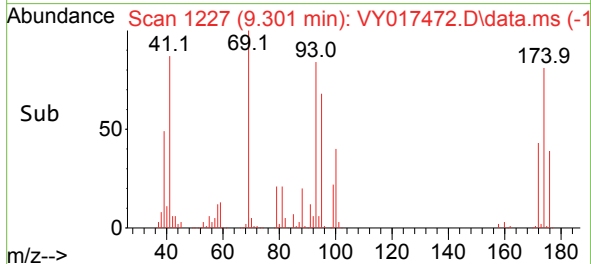
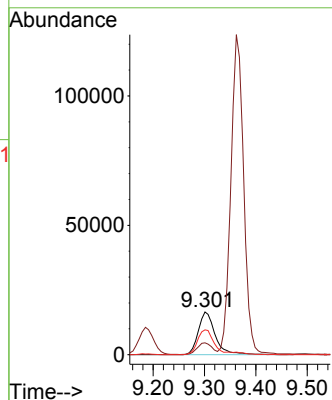
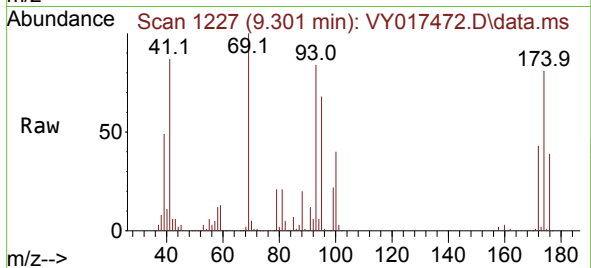
Tgt Ion: 88 Resp: 37670

Ion Ratio Lower Upper

88 100

43 24.5 0.0 0.0#

58 61.2 49.3 73.9



#50

Toluene-d8

Concen: 159.338 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017472.D

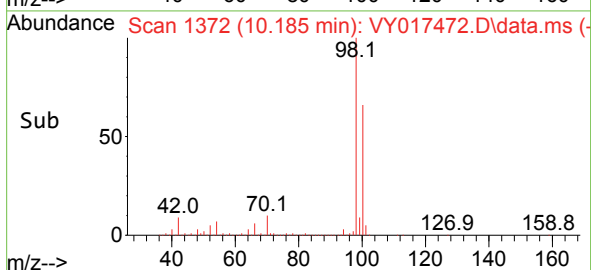
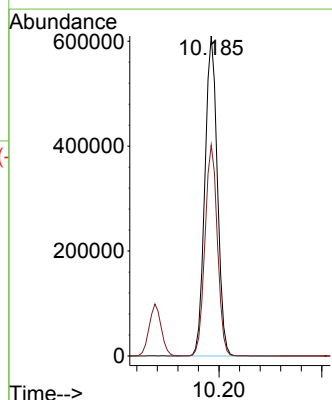
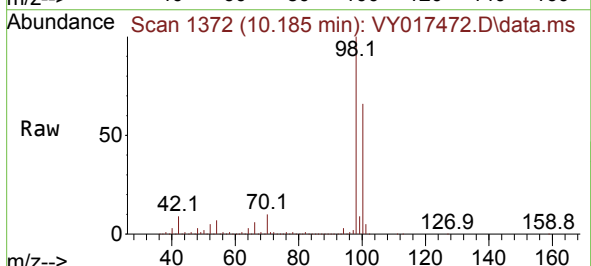
Acq: 23 Feb 2024 18:20

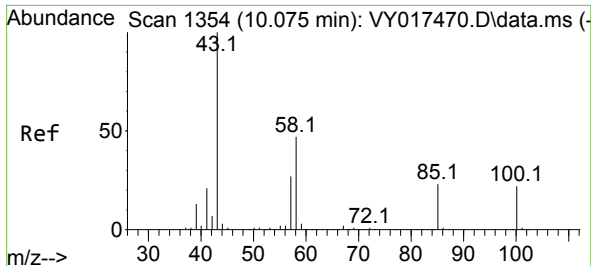
Tgt Ion: 98 Resp: 1023414

Ion Ratio Lower Upper

98 100

100 65.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 807.268 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

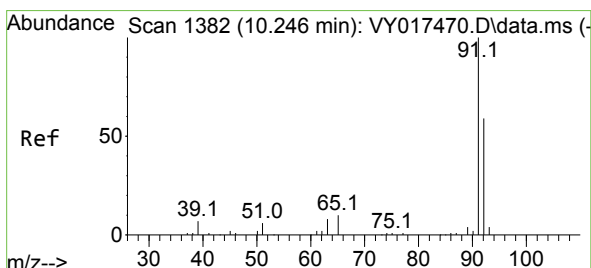
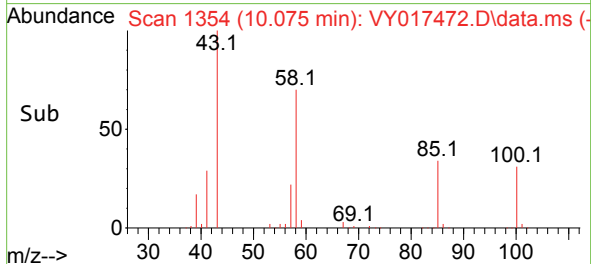
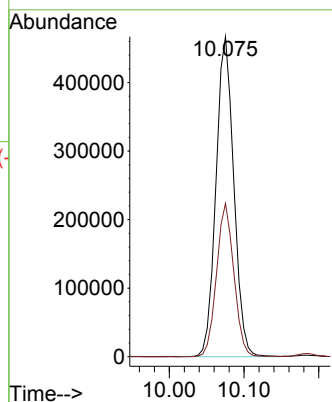
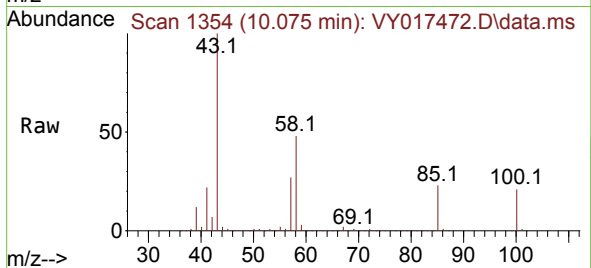
VSTDIC150

Tgt Ion: 43 Resp: 773961

Ion Ratio Lower Upper

43 100

58 46.7 35.7 53.5



#52

Toluene

Concen: 160.478 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY017472.D

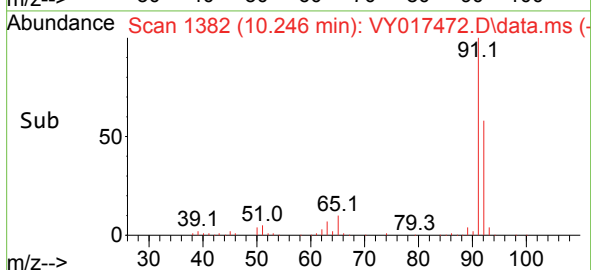
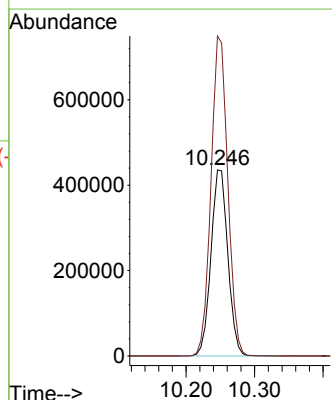
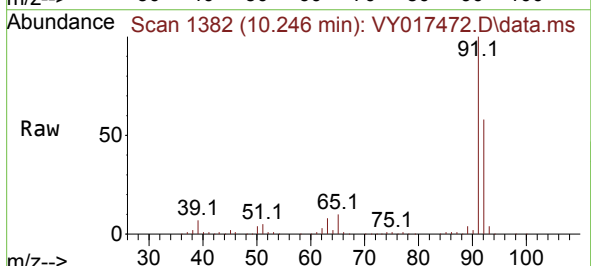
Acq: 23 Feb 2024 18:20

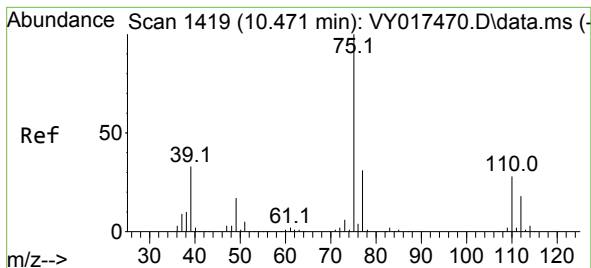
Tgt Ion: 92 Resp: 744652

Ion Ratio Lower Upper

92 100

91 171.3 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 164.193 ug/l

RT: 10.471 min Scan# 1419

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

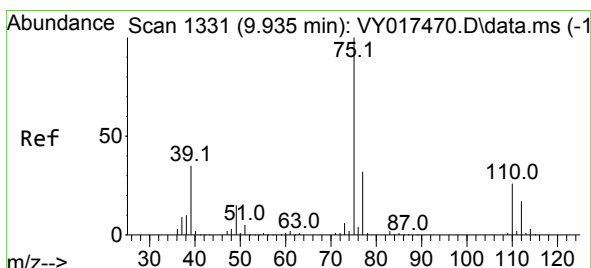
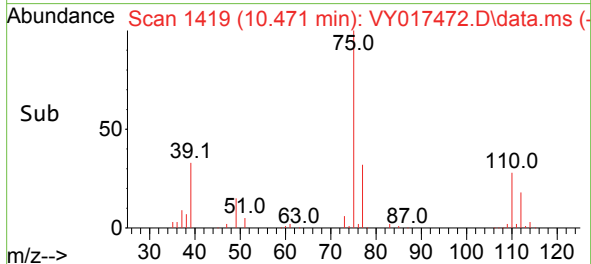
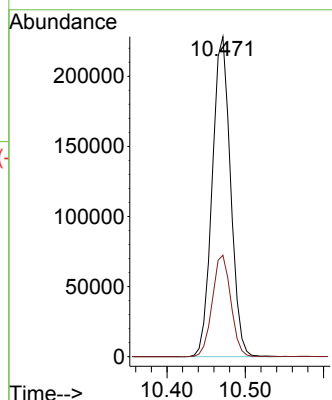
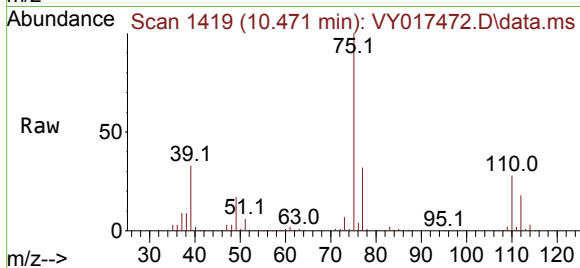
VSTDIC150

Tgt Ion: 75 Resp: 370858

Ion Ratio Lower Upper

75 100

77 31.7 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 162.088 ug/l

RT: 9.935 min Scan# 1331

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

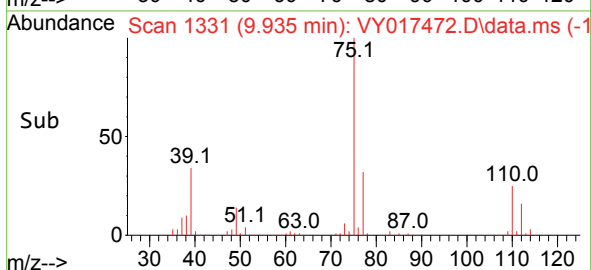
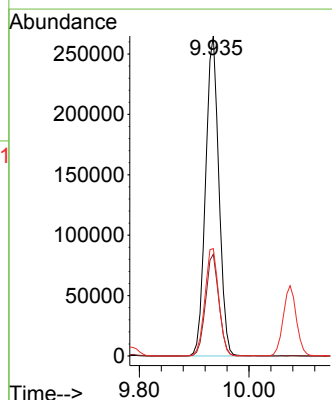
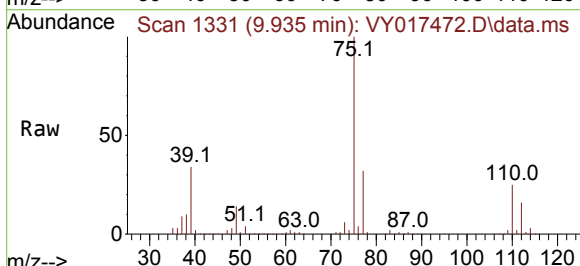
Tgt Ion: 75 Resp: 444848

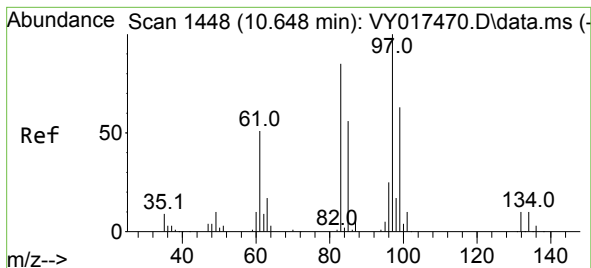
Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0

39 33.5 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 154.908 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 220428

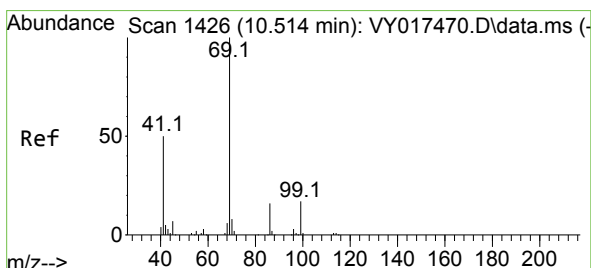
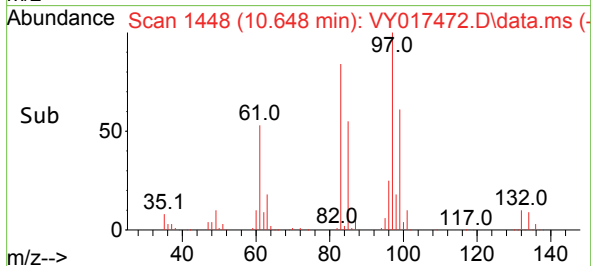
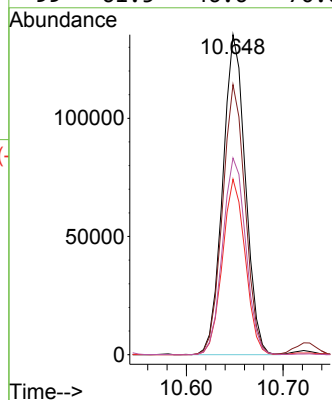
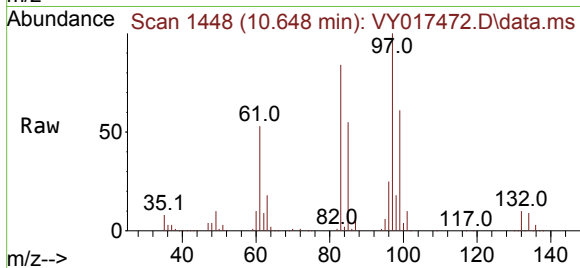
Ion Ratio Lower Upper

97 100

83 84.4 67.5 101.3

85 54.8 42.9 64.3

99 61.5 46.6 70.0



#56

Ethyl methacrylate

Concen: 154.021 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

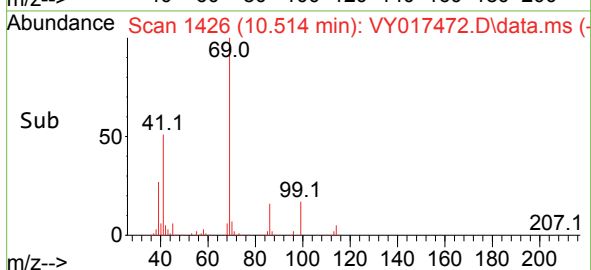
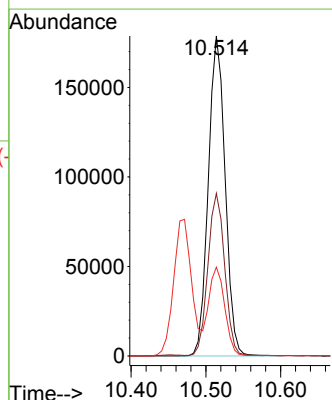
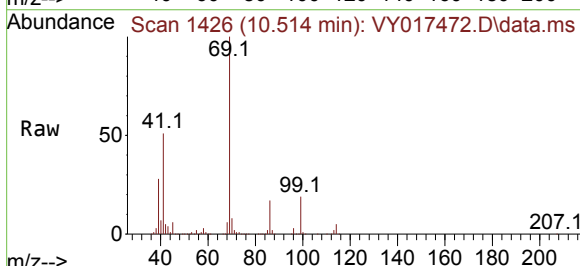
Tgt Ion: 69 Resp: 279355

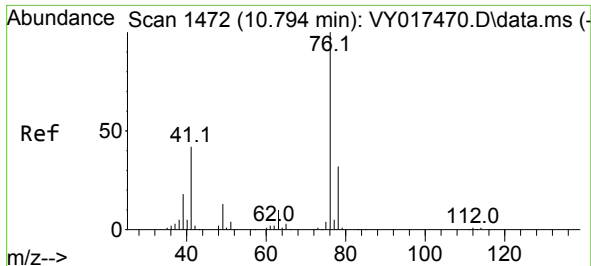
Ion Ratio Lower Upper

69 100

41 50.5 42.3 63.5

39 26.0 22.9 34.3





#57

1,3-Dichloropropane

Concen: 155.423 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

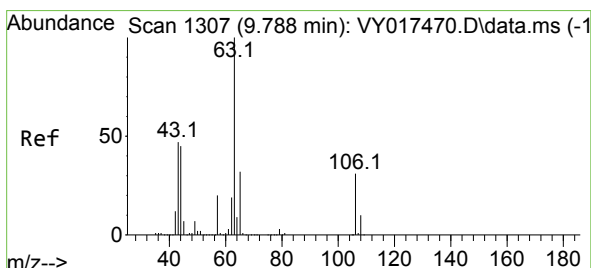
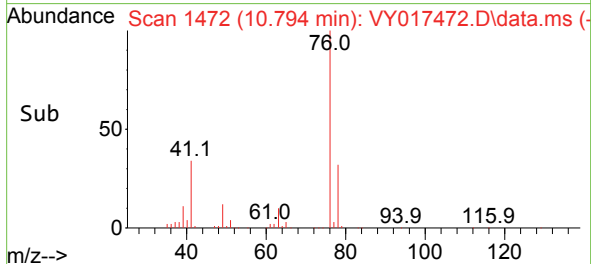
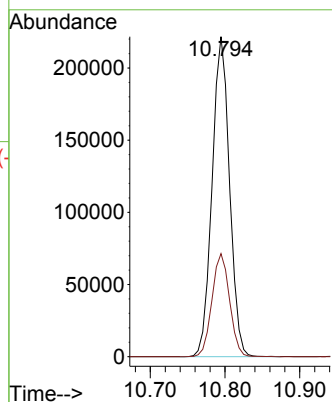
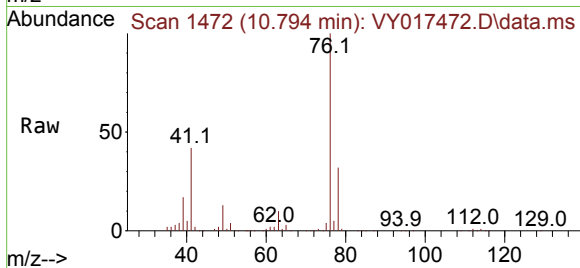
VSTDIC150

Tgt Ion: 76 Resp: 359577

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 924.965 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY017472.D

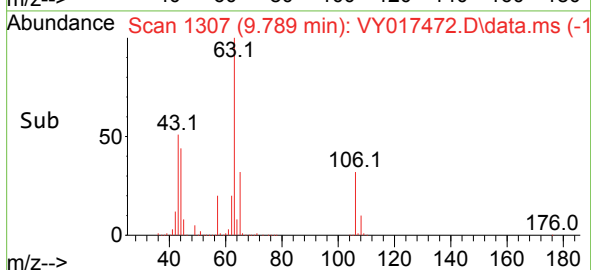
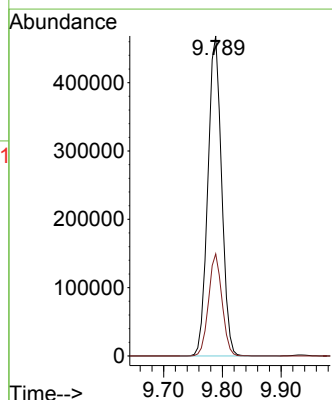
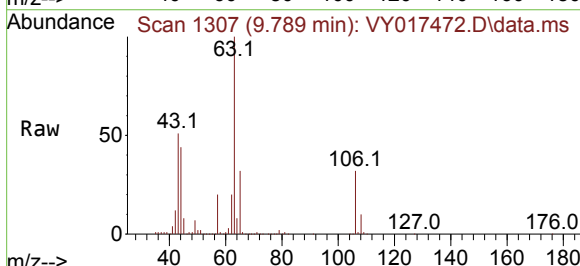
Acq: 23 Feb 2024 18:20

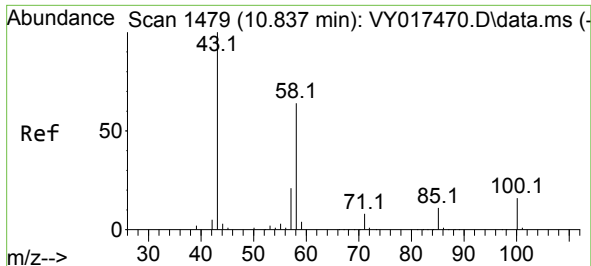
Tgt Ion: 63 Resp: 759506

Ion Ratio Lower Upper

63 100

106 31.3 23.7 35.5

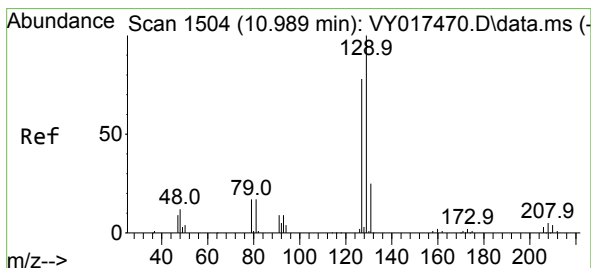
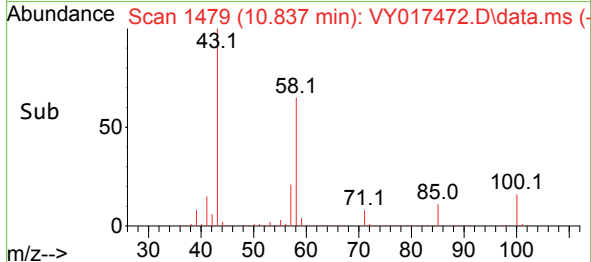
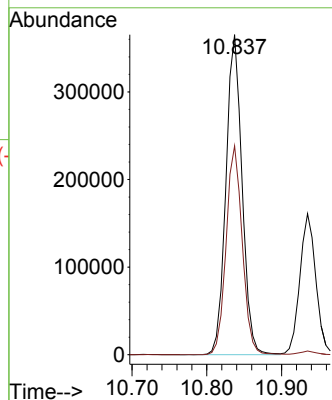
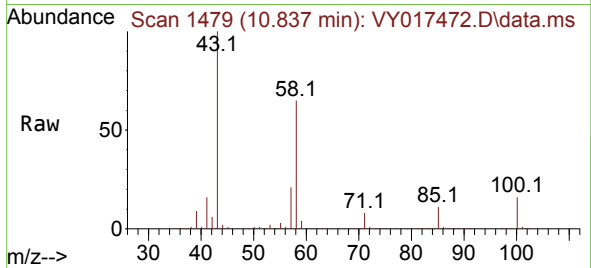




#59
2-Hexanone
Concen: 831.368 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017472.D
Acq: 23 Feb 2024 18:20

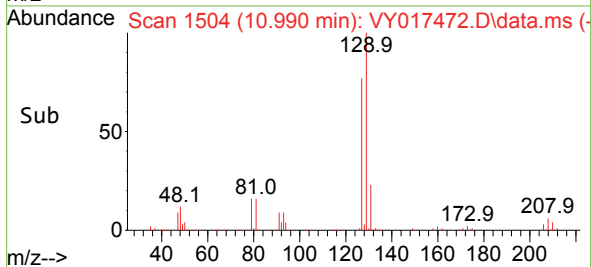
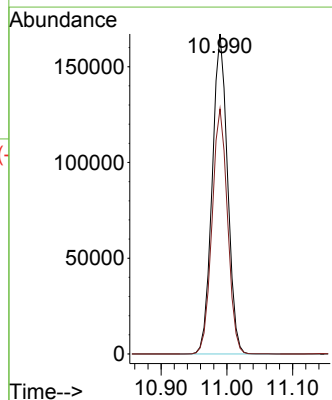
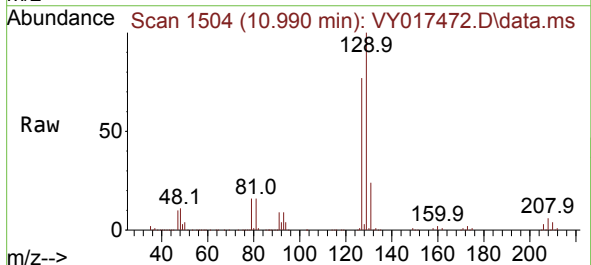
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

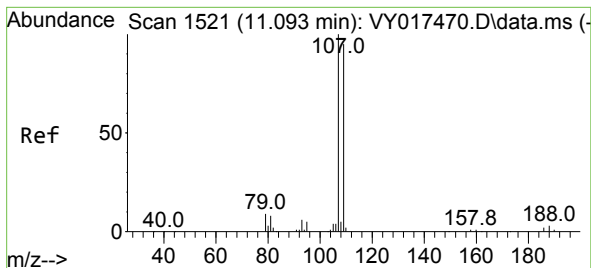
Tgt Ion: 43 Resp: 547488
Ion Ratio Lower Upper
43 100
58 65.3 31.4 94.0



#60
Dibromochloromethane
Concen: 161.208 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017472.D
Acq: 23 Feb 2024 18:20

Tgt Ion: 129 Resp: 271373
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0

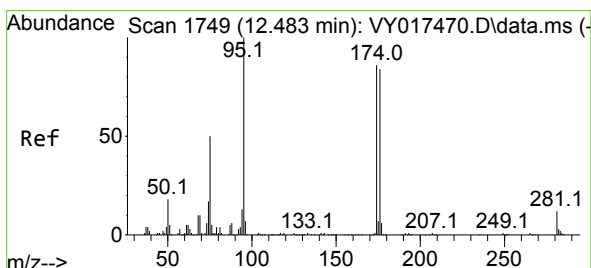
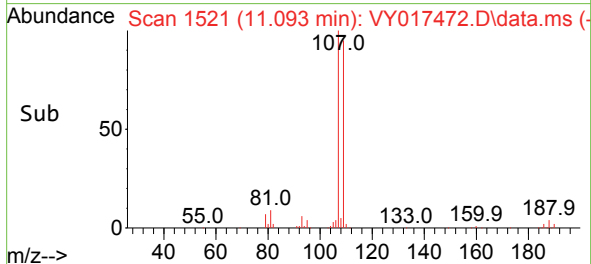
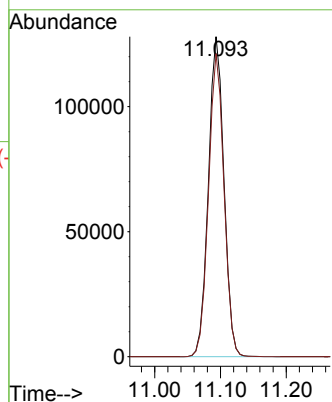
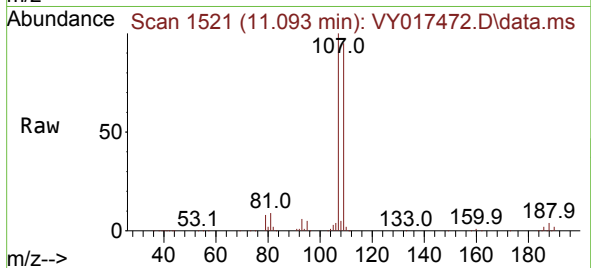




#61
1,2-Dibromoethane
Concen: 160.629 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY017472.D
Acq: 23 Feb 2024 18:20

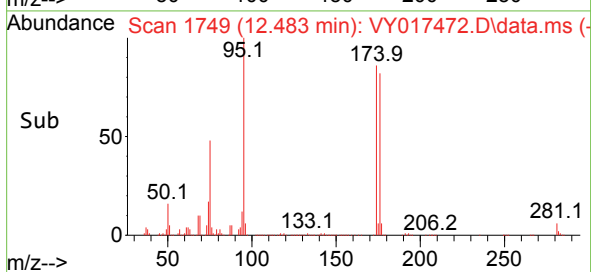
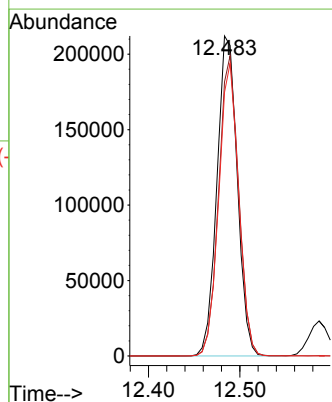
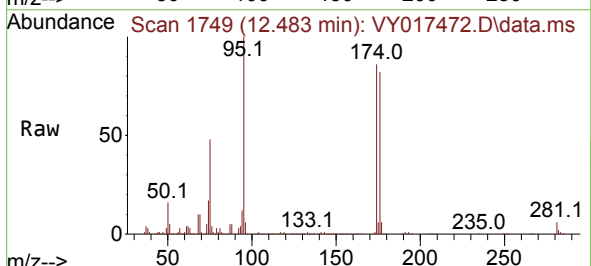
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

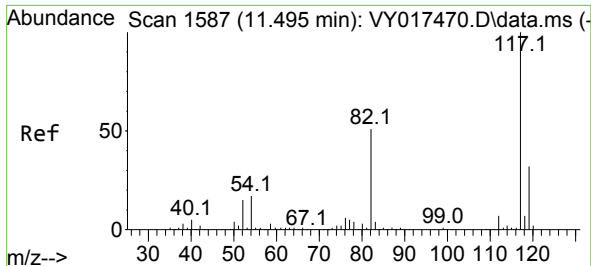
Tgt Ion:107 Resp: 210635
Ion Ratio Lower Upper
107 100
109 94.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 162.395 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017472.D
Acq: 23 Feb 2024 18:20

Tgt Ion: 95 Resp: 327802
Ion Ratio Lower Upper
95 100
174 92.3 0.0 175.6
176 89.7 0.0 171.4

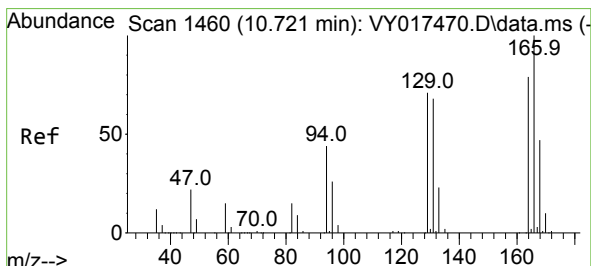
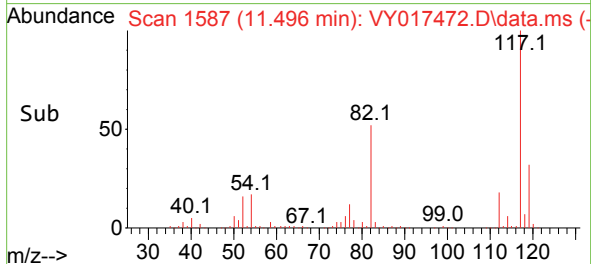
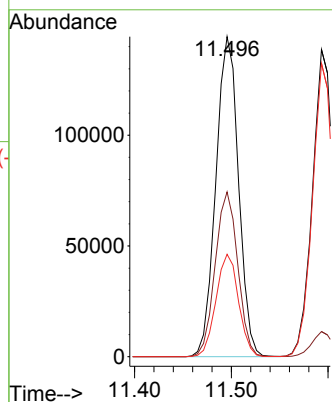
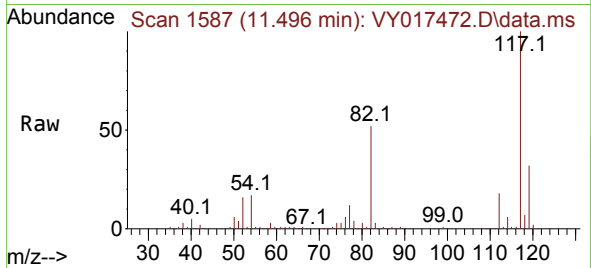




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017472.D
Acq: 23 Feb 2024 18:20

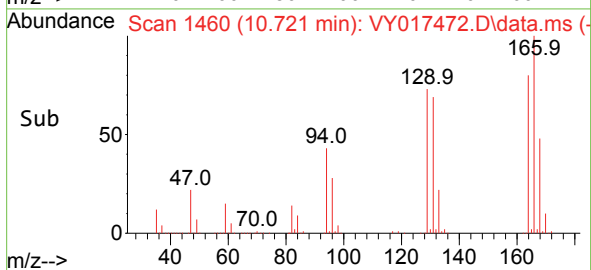
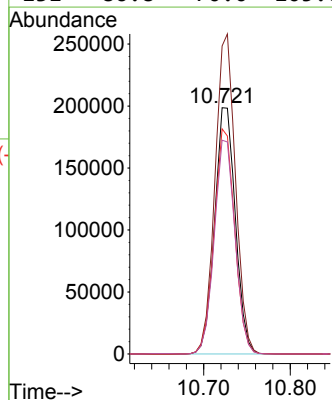
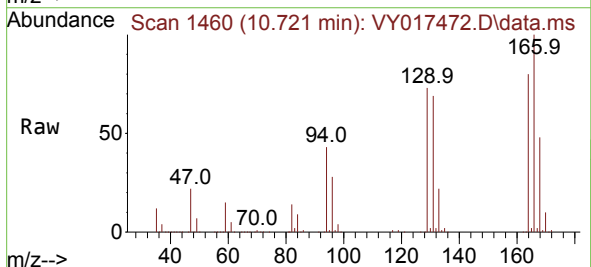
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

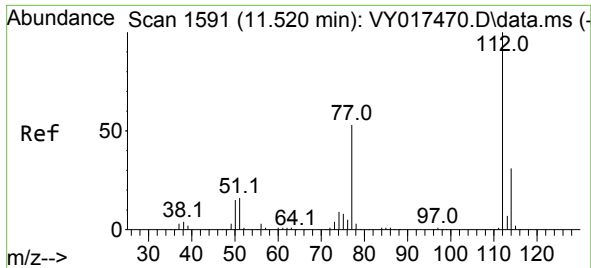
Tgt Ion:117 Resp: 235003
Ion Ratio Lower Upper
117 100
82 51.5 42.4 63.6
119 32.0 25.9 38.9



#64
Tetrachloroethene
Concen: 146.673 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY017472.D
Acq: 23 Feb 2024 18:20

Tgt Ion:164 Resp: 330837
Ion Ratio Lower Upper
164 100
166 125.1 102.6 154.0
129 91.4 72.0 108.0
131 86.8 70.0 105.0

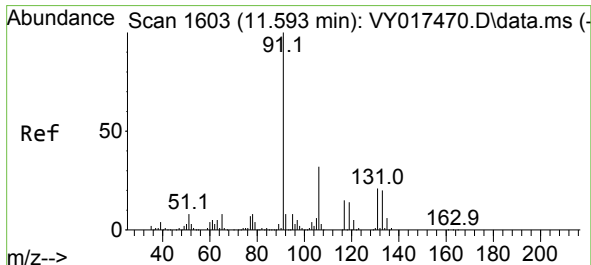
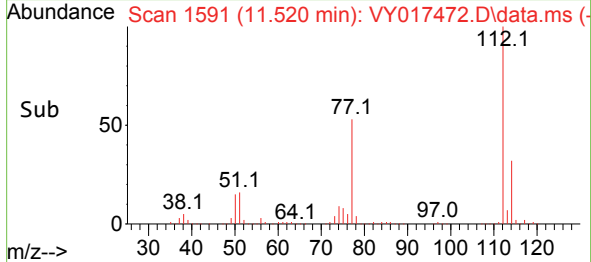
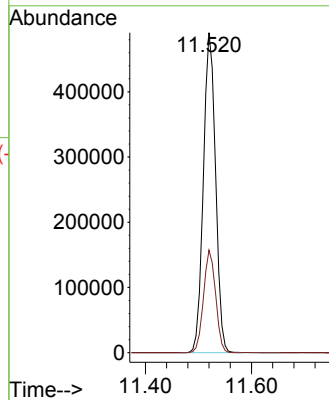
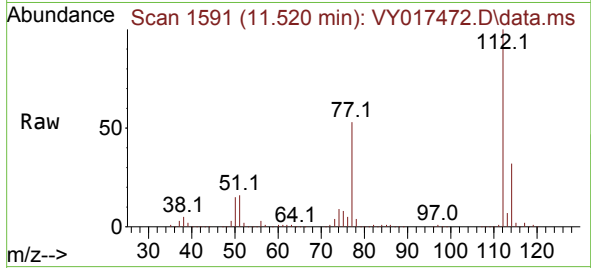




#65
Chlorobenzene
Concen: 156.874 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017472.D
Acq: 23 Feb 2024 18:20

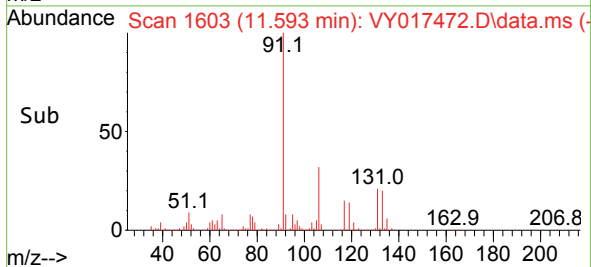
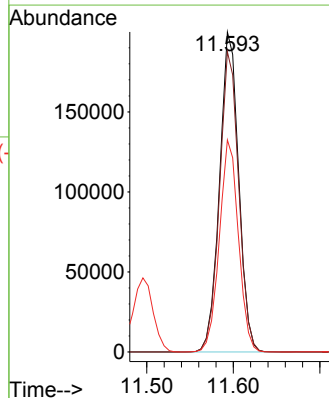
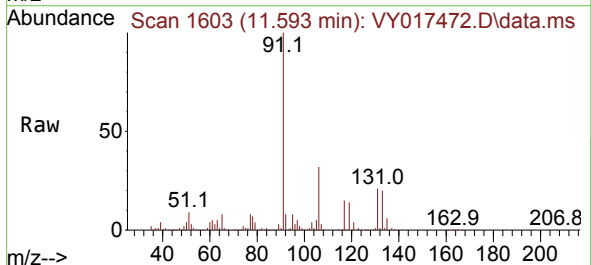
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

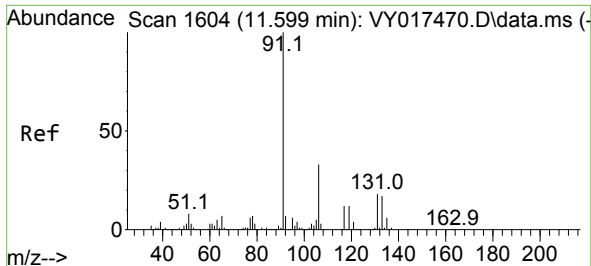
Tgt Ion:112 Resp: 782505
Ion Ratio Lower Upper
112 100
114 32.0 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 163.838 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017472.D
Acq: 23 Feb 2024 18:20

Tgt Ion:131 Resp: 306165
Ion Ratio Lower Upper
131 100
133 94.3 47.8 143.3
119 66.1 34.1 102.2

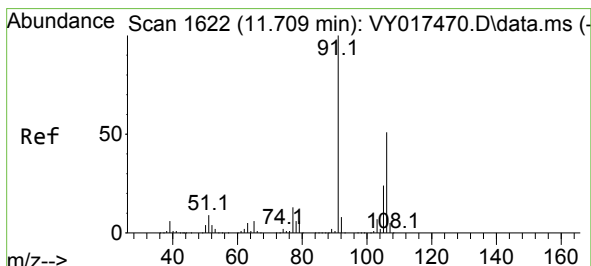
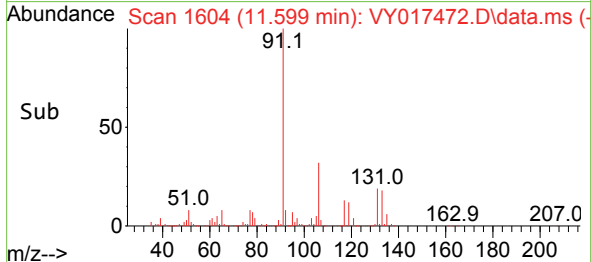
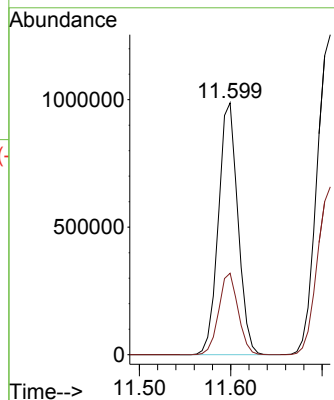
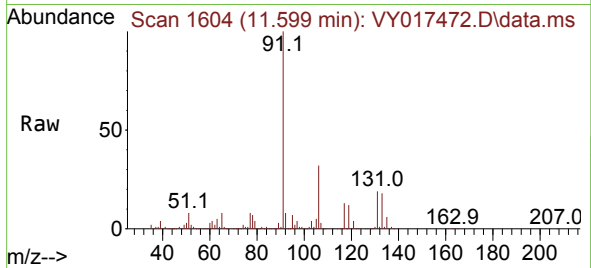




#67
Ethyl Benzene
Concen: 167.442 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017472.D
Acq: 23 Feb 2024 18:20

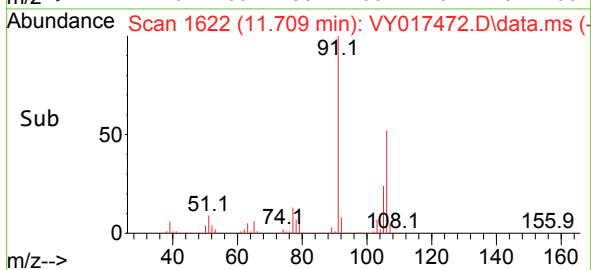
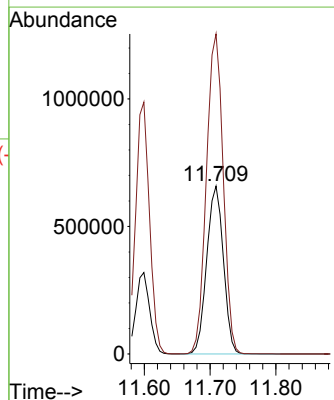
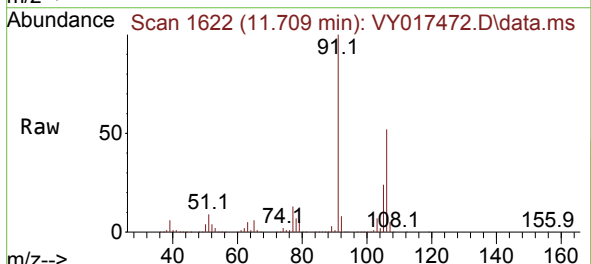
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

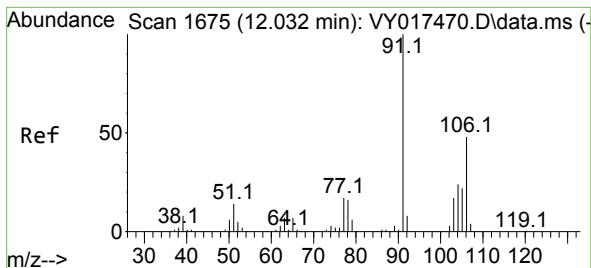
Tgt Ion: 91 Resp: 1464768
Ion Ratio Lower Upper
91 100
106 32.3 24.5 36.7



#68
m/p-Xylenes
Concen: 337.076 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017472.D
Acq: 23 Feb 2024 18:20

Tgt Ion:106 Resp: 1158668
Ion Ratio Lower Upper
106 100
91 192.3 156.0 234.0





#69

o-Xylene

Concen: 170.616 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

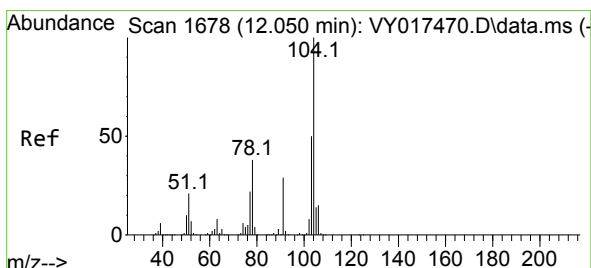
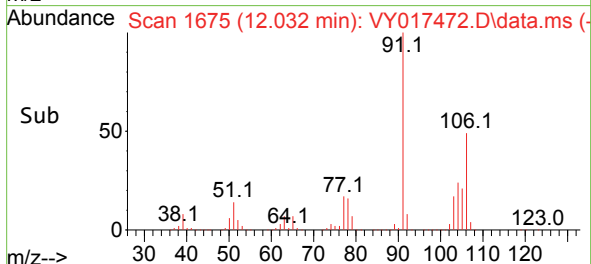
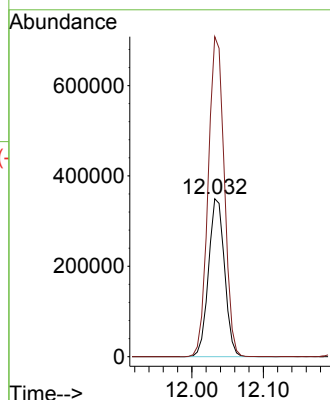
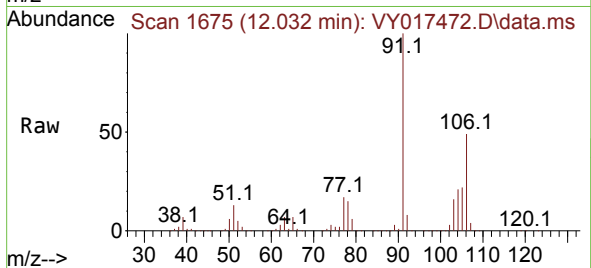
VSTDIC150

Tgt Ion:106 Resp: 544095

Ion Ratio Lower Upper

106 100

91 203.5 103.6 310.8



#70

Styrene

Concen: 172.599 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

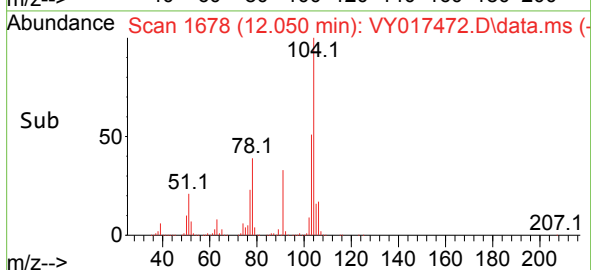
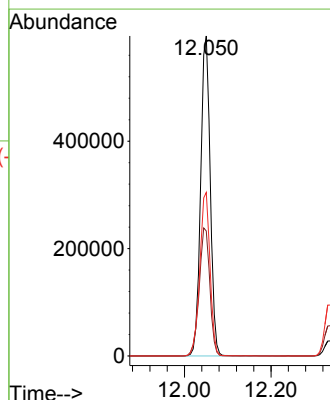
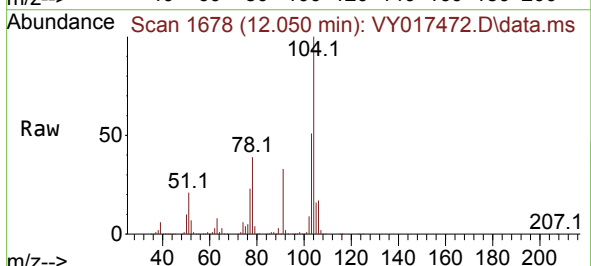
Tgt Ion:104 Resp: 913642

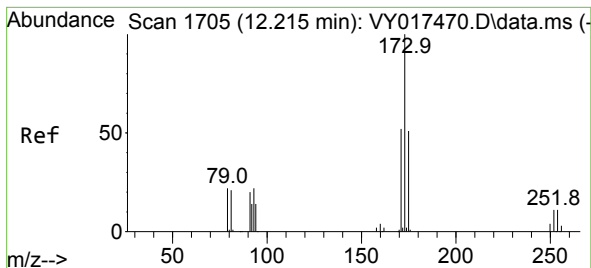
Ion Ratio Lower Upper

104 100

78 44.4 37.0 55.4

103 54.9 44.2 66.2





#71

Bromoform

Concen: 167.653 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

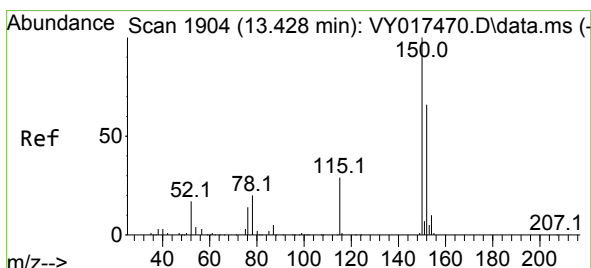
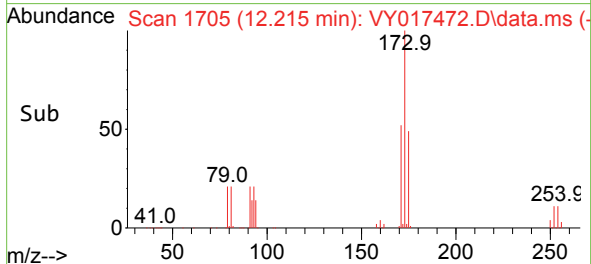
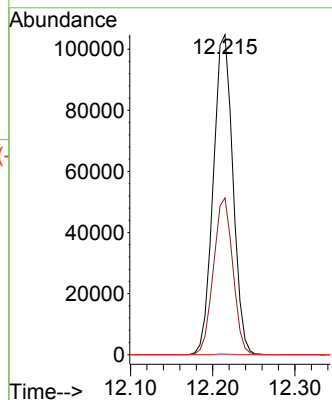
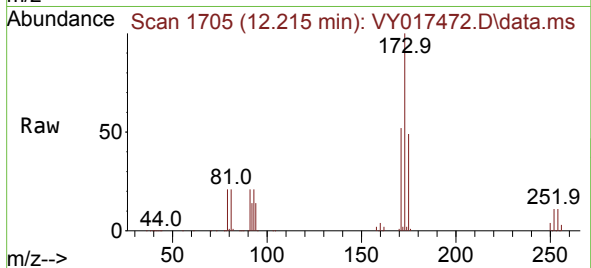
Tgt Ion:173 Resp: 173612

Ion Ratio Lower Upper

173 100

175 48.4 25.1 75.3

254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

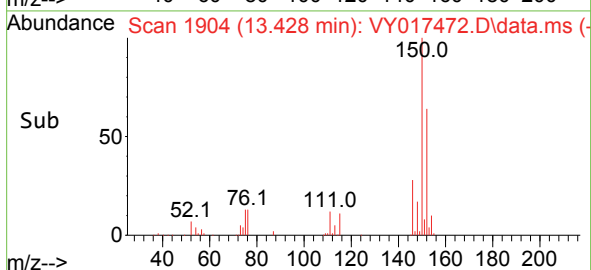
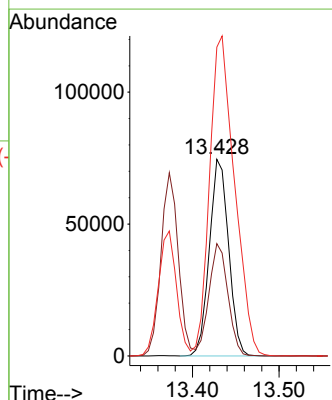
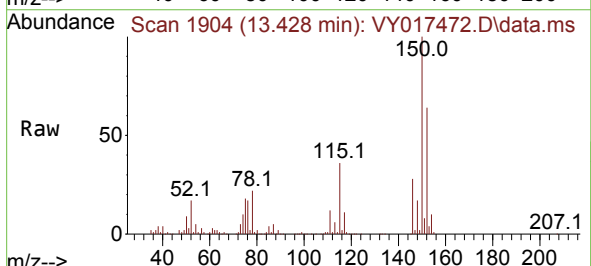
Tgt Ion:152 Resp: 115151

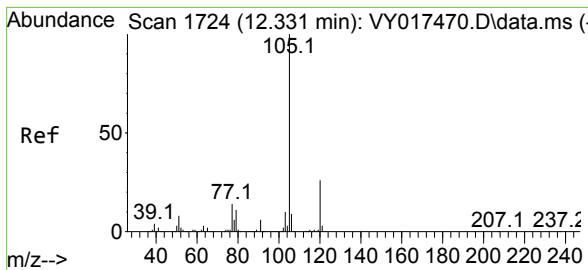
Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 210.7 0.0 345.6

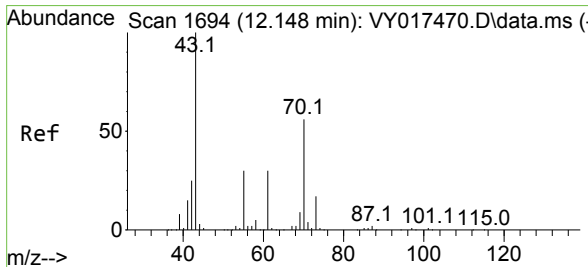
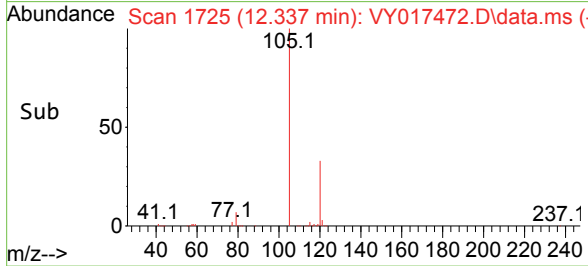
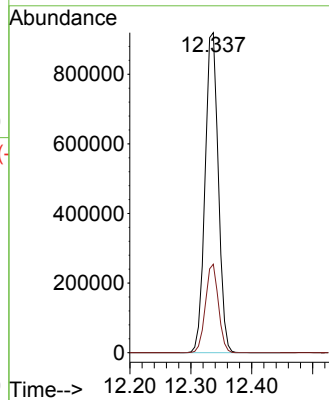
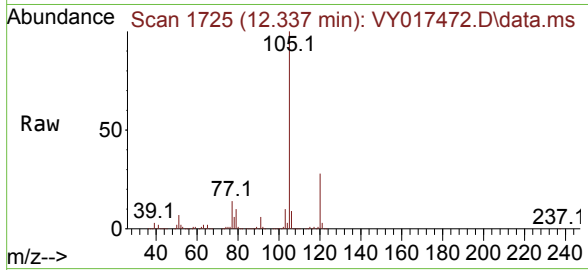




#73
Isopropylbenzene
Concen: 162.348 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY017472.D
Acq: 23 Feb 2024 18:20

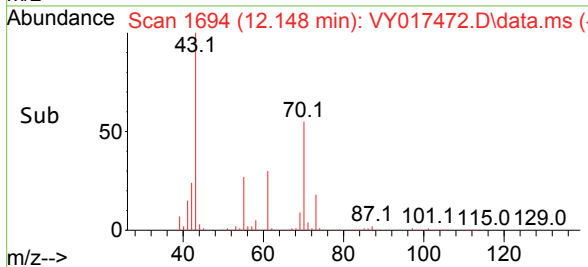
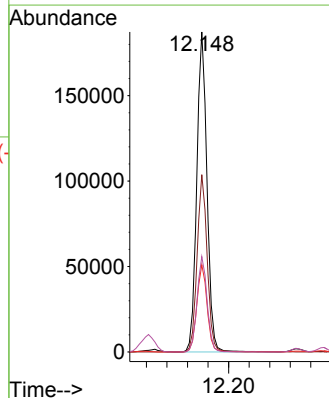
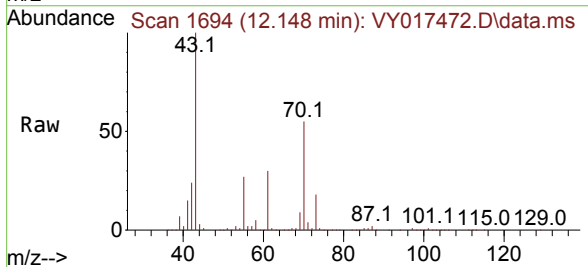
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

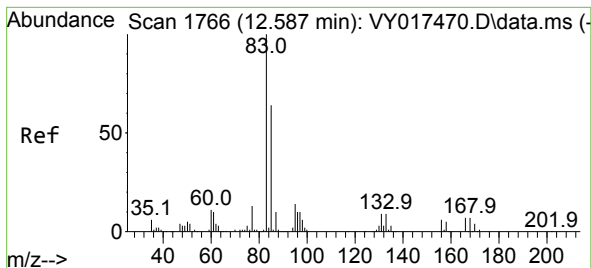
Tgt Ion:105 Resp: 1388879
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.1



#74
N-ethyl acetate
Concen: 171.486 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY017472.D
Acq: 23 Feb 2024 18:20

Tgt Ion: 43 Resp: 258748
Ion Ratio Lower Upper
43 100
70 54.9 41.4 62.2
55 27.4 23.3 34.9
61 29.5 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 160.078 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

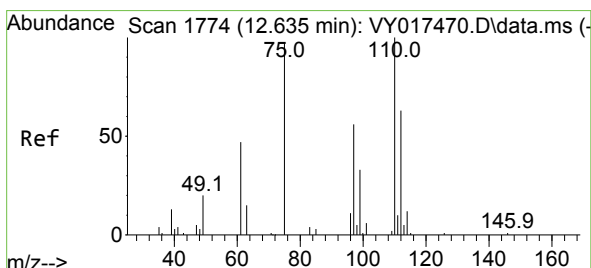
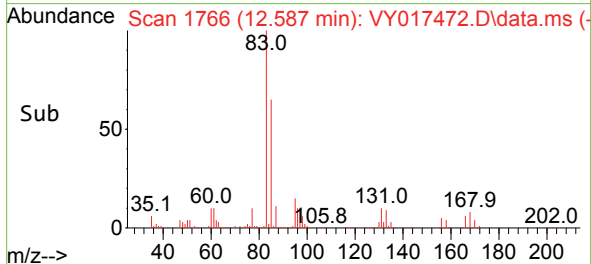
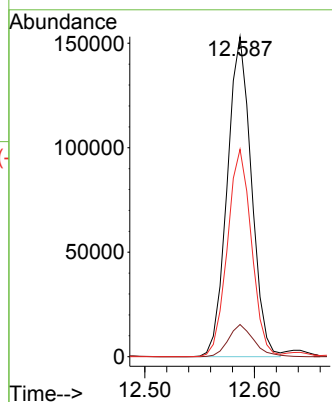
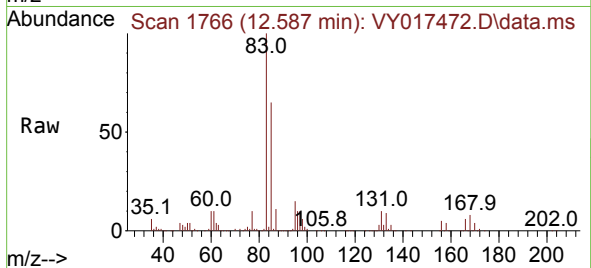
Tgt Ion: 83 Resp: 235166

Ion Ratio Lower Upper

83 100

131 10.5 5.0 14.9

85 64.5 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 272.339 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017472.D

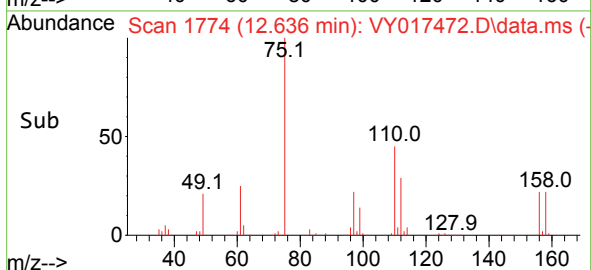
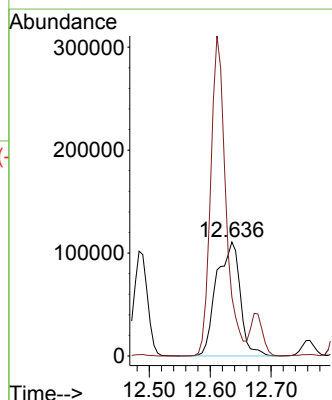
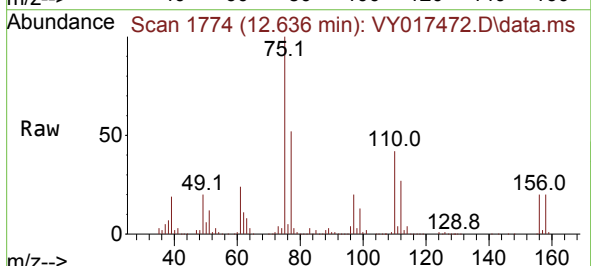
Acq: 23 Feb 2024 18:20

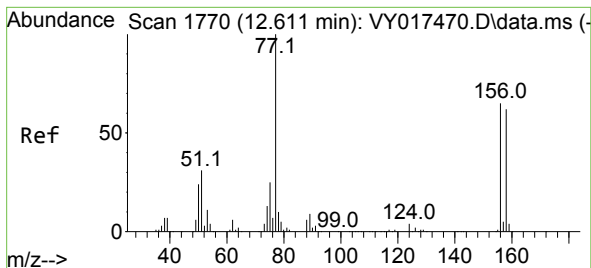
Tgt Ion: 75 Resp: 297968

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 159.410 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

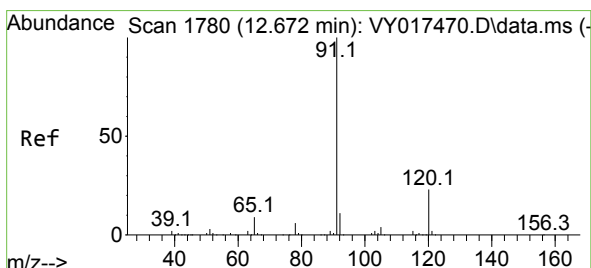
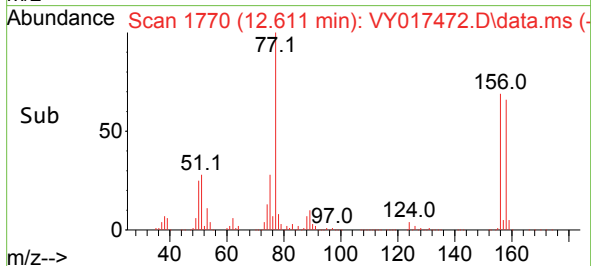
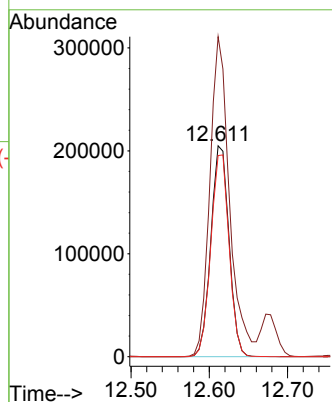
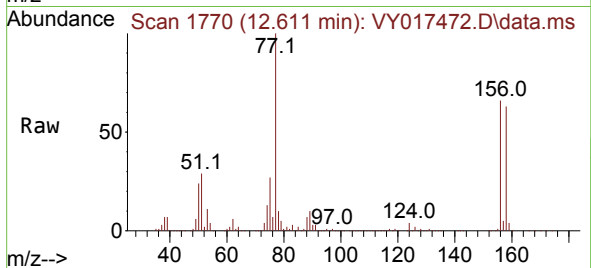
Tgt Ion:156 Resp: 330259

Ion Ratio Lower Upper

156 100

77 162.8 87.1 261.3

158 96.5 48.6 145.9



#78

n-propylbenzene

Concen: 158.963 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY017472.D

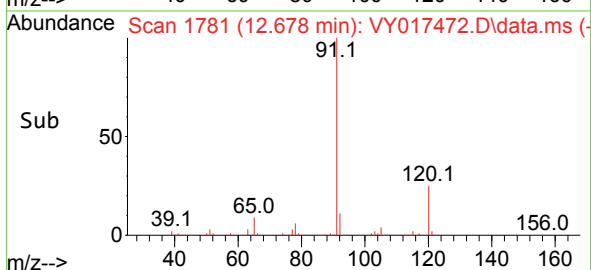
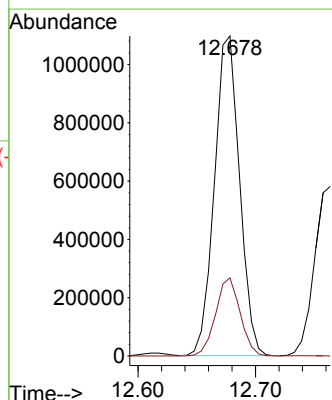
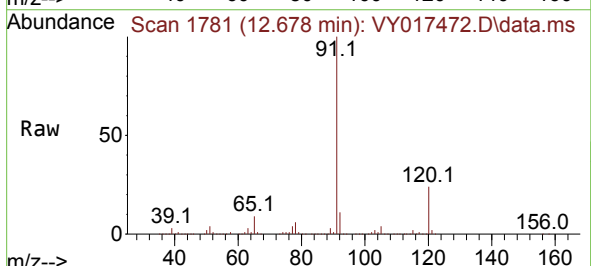
Acq: 23 Feb 2024 18:20

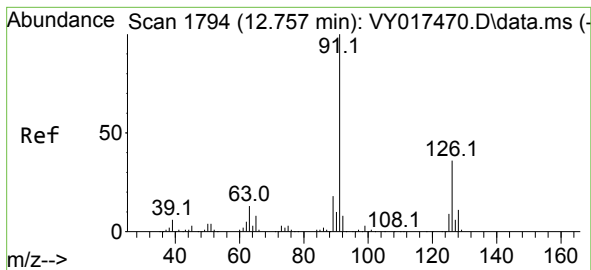
Tgt Ion: 91 Resp: 1631775

Ion Ratio Lower Upper

91 100

120 23.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 155.292 ug/l

RT: 12.764 min Scan# 1795

Delta R.T. 0.006 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

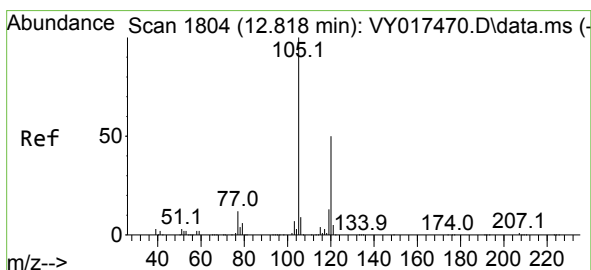
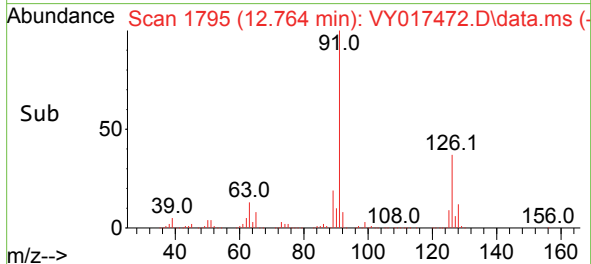
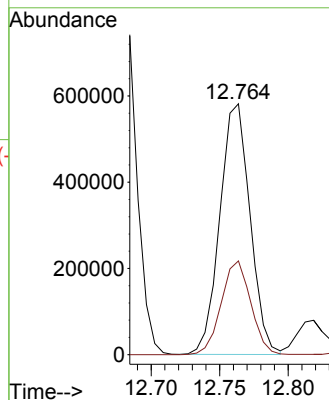
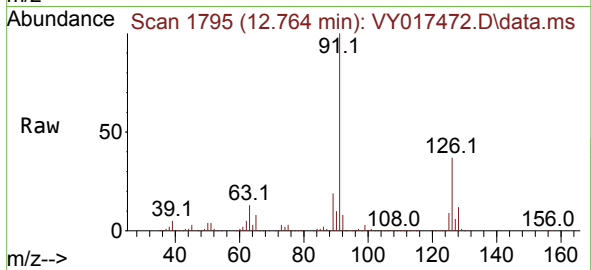
VSTDIC150

Tgt Ion: 91 Resp: 892493

Ion Ratio Lower Upper

91 100

126 36.6 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 163.643 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY017472.D

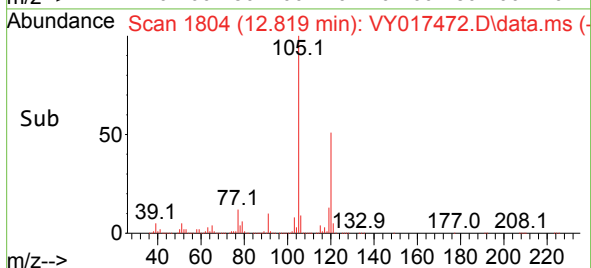
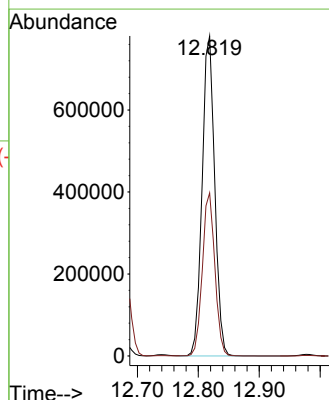
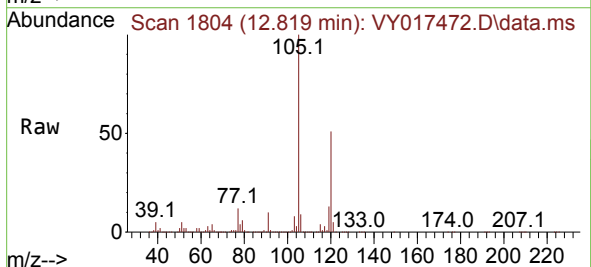
Acq: 23 Feb 2024 18:20

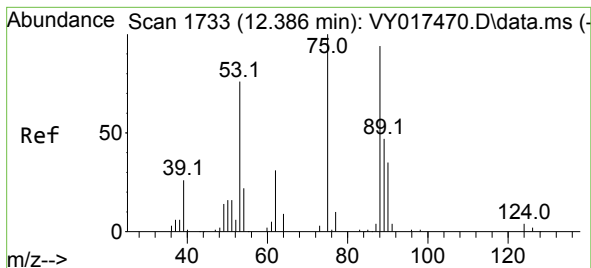
Tgt Ion: 105 Resp: 1121595

Ion Ratio Lower Upper

105 100

120 50.7 25.1 75.2

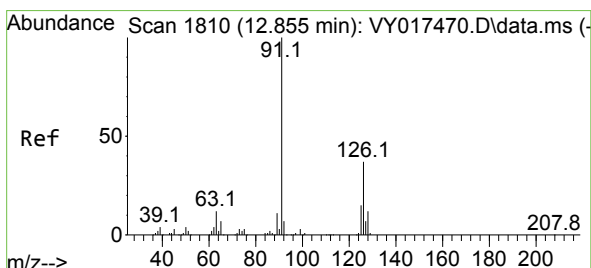
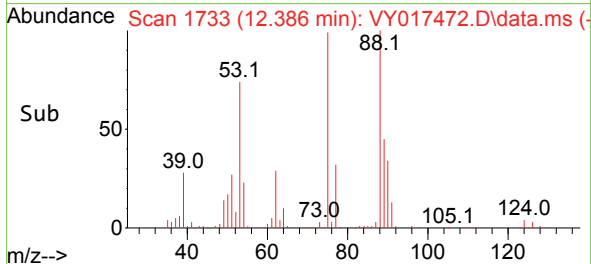
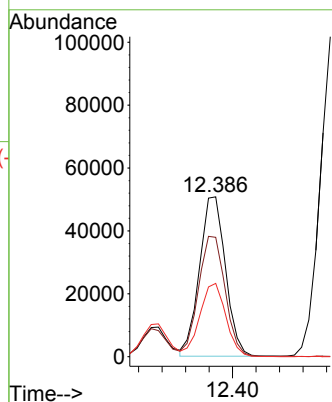
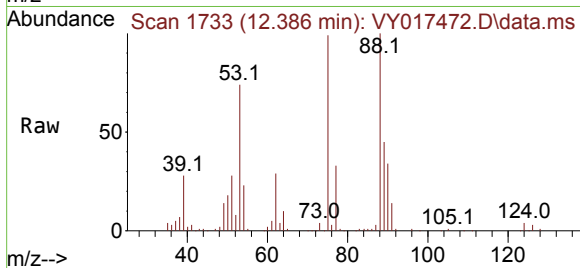




#81
trans-1,4-Dichloro-2-butene
Concen: 164.027 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017472.D
Acq: 23 Feb 2024 18:20

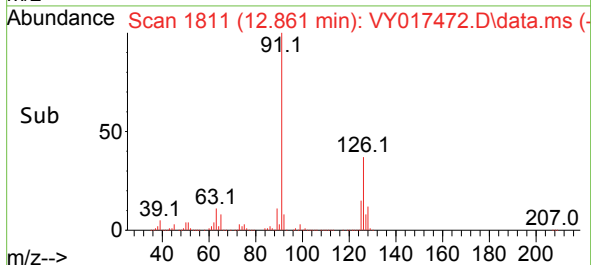
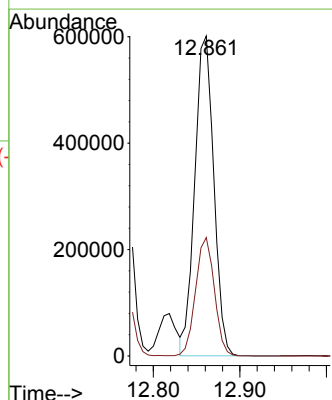
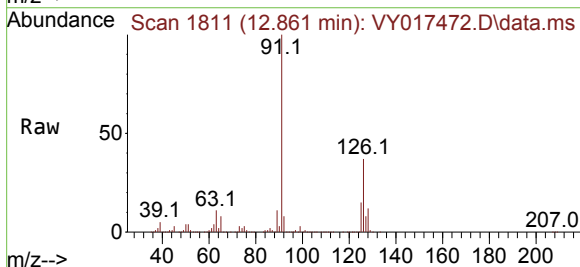
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

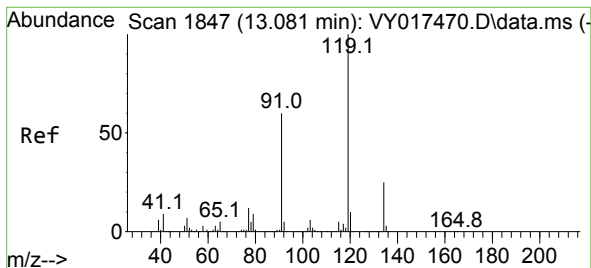
Tgt Ion:	75	Resp:	78103
Ion	Ratio	Lower	Upper
75	100		
53	76.8	66.8	100.2
89	46.2	35.8	53.6



#82
4-Chlorotoluene
Concen: 155.647 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY017472.D
Acq: 23 Feb 2024 18:20

Tgt Ion:	91	Resp:	914945
Ion	Ratio	Lower	Upper
91	100		
126	36.8	17.6	52.9





#83

tert-Butylbenzene

Concen: 164.690 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

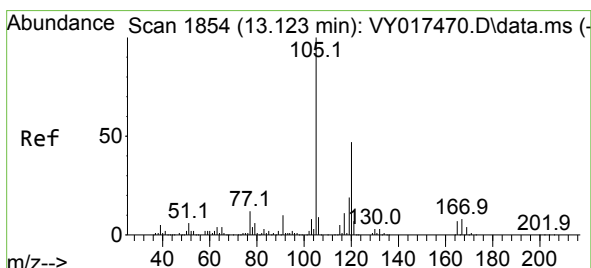
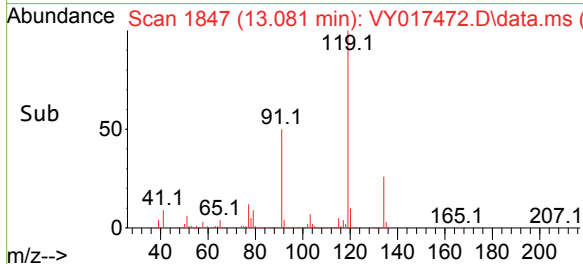
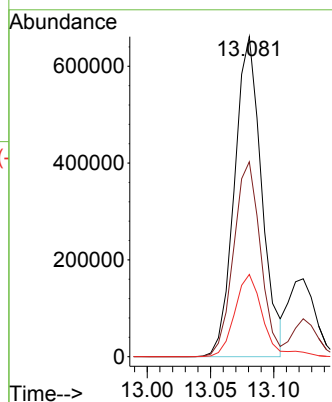
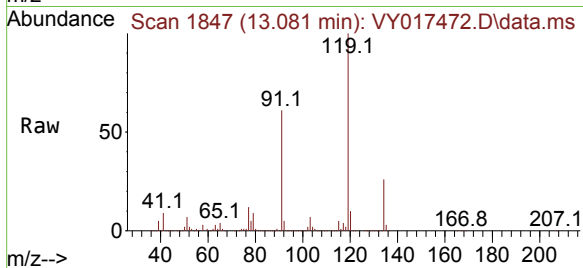
Tgt Ion:119 Resp: 991199

Ion Ratio Lower Upper

119 100

91 60.1 31.3 93.8

134 26.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 163.789 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY017472.D

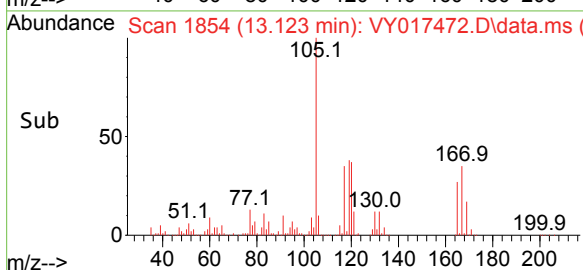
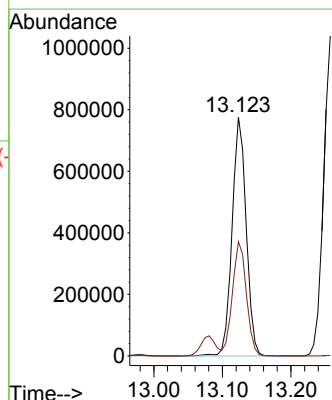
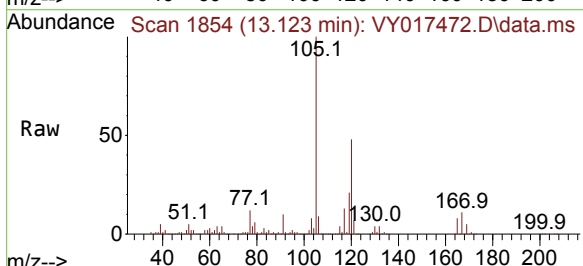
Acq: 23 Feb 2024 18:20

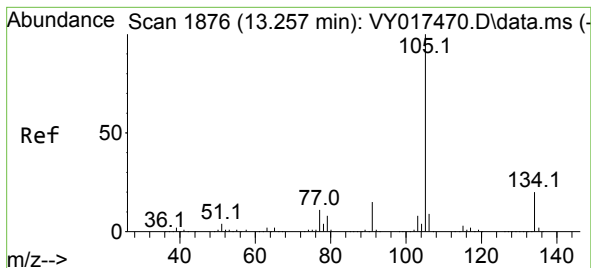
Tgt Ion:105 Resp: 1108279

Ion Ratio Lower Upper

105 100

120 47.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 159.500 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

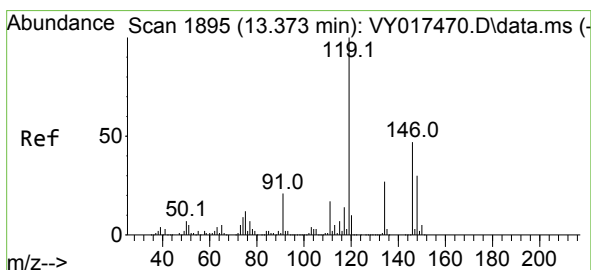
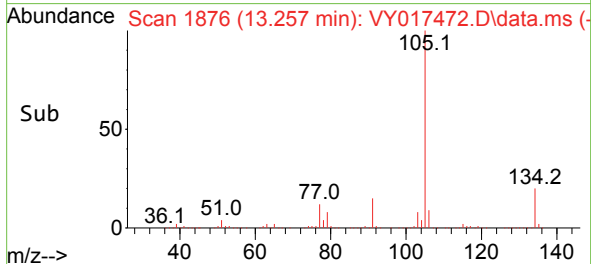
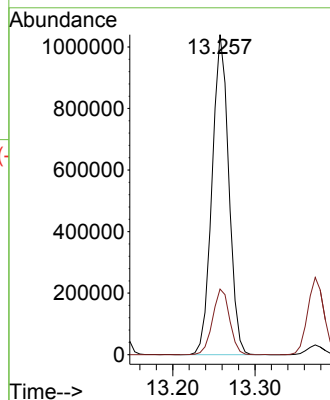
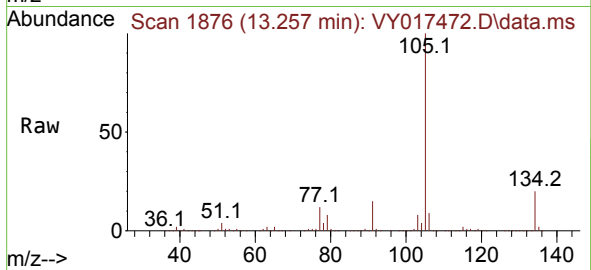
VSTDIC150

Tgt Ion:105 Resp: 1467673

Ion Ratio Lower Upper

105 100

134 20.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 170.186 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

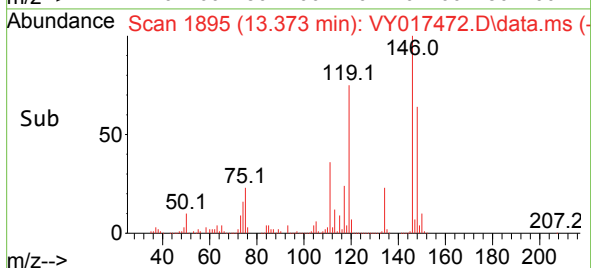
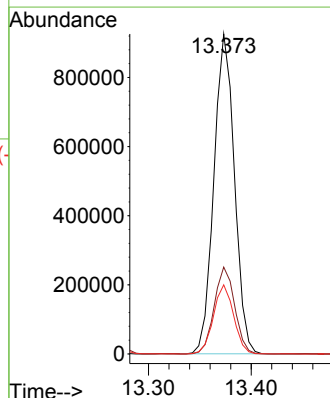
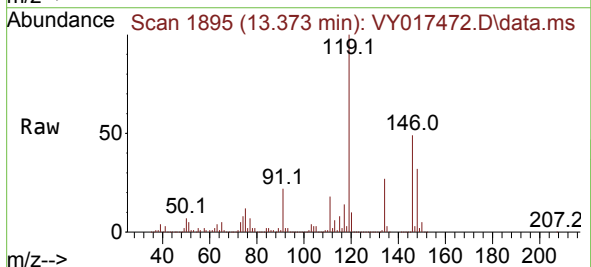
Tgt Ion:119 Resp: 1281938

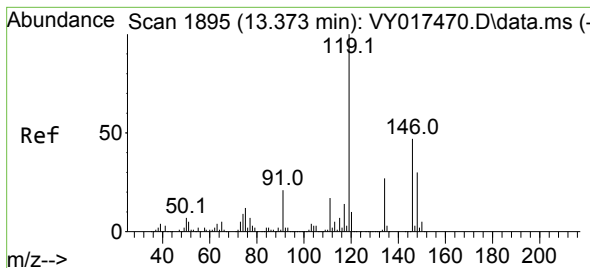
Ion Ratio Lower Upper

119 100

134 27.0 13.1 39.3

91 21.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 162.801 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

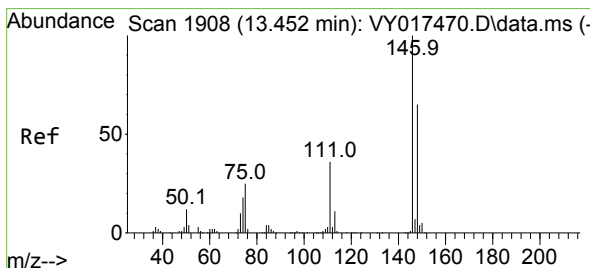
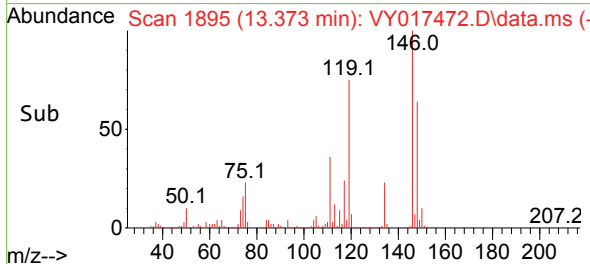
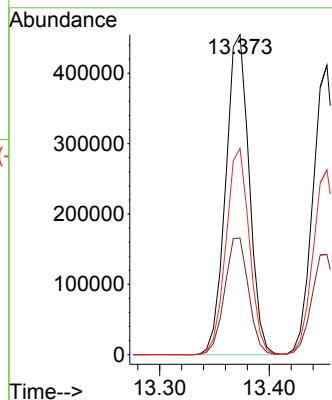
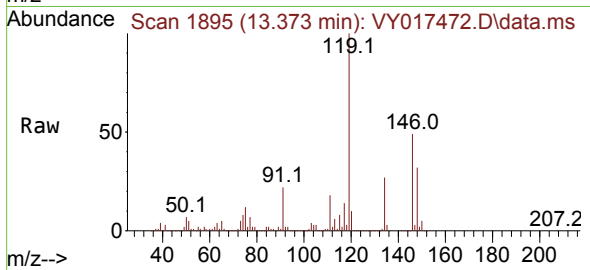
Tgt Ion:146 Resp: 677001

Ion Ratio Lower Upper

146 100

111 37.2 19.0 57.0

148 64.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 153.609 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

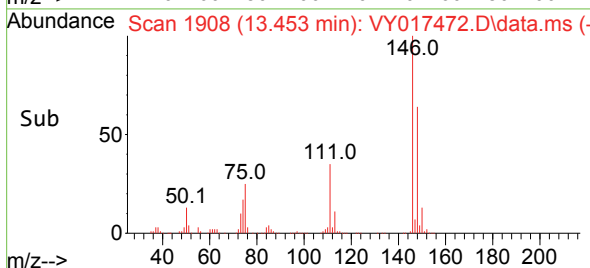
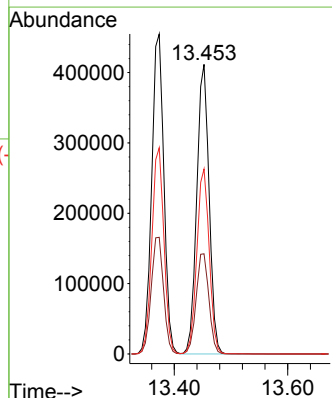
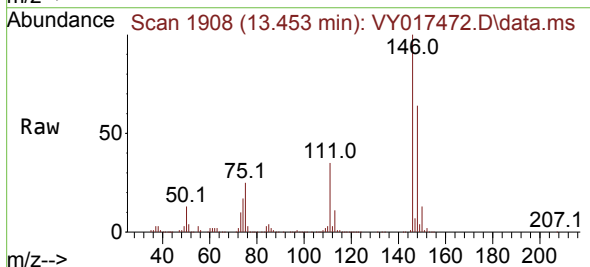
Tgt Ion:146 Resp: 621022

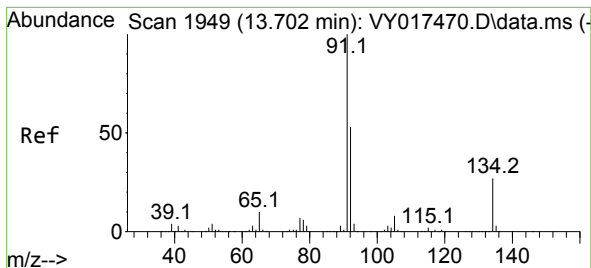
Ion Ratio Lower Upper

146 100

111 35.8 18.4 55.4

148 64.0 32.4 97.2





#89

n-Butylbenzene

Concen: 161.621 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

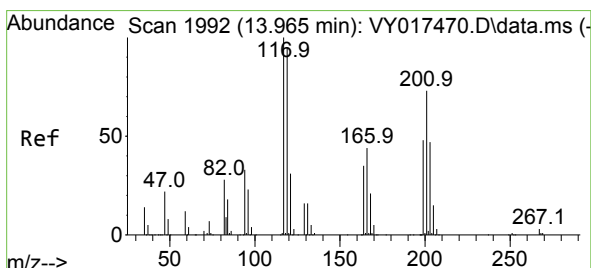
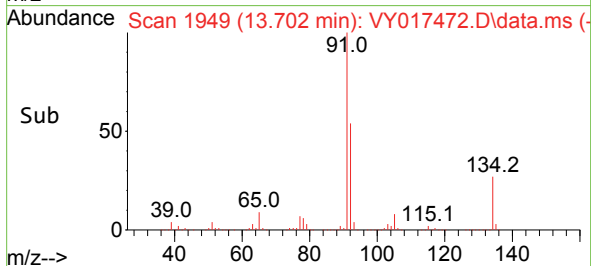
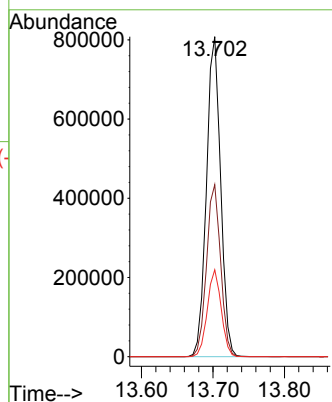
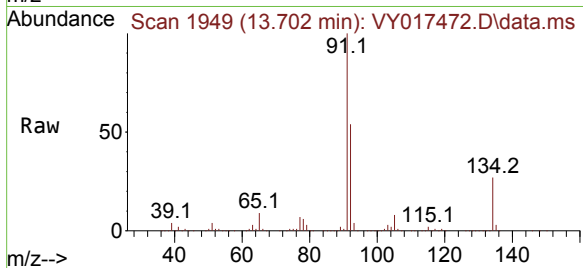
Tgt Ion: 91 Resp: 1110742

Ion Ratio Lower Upper

91 100

92 53.6 26.6 79.7

134 26.7 12.9 38.7



#90

Hexachloroethane

Concen: 153.267 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY017472.D

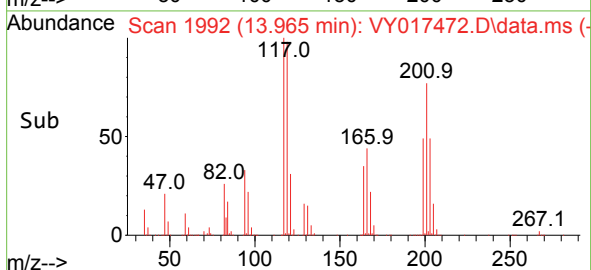
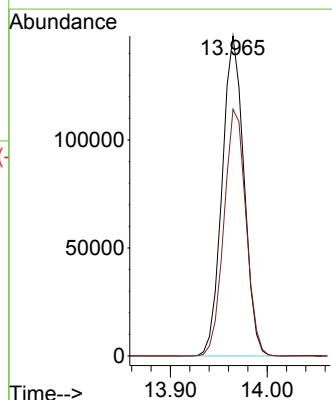
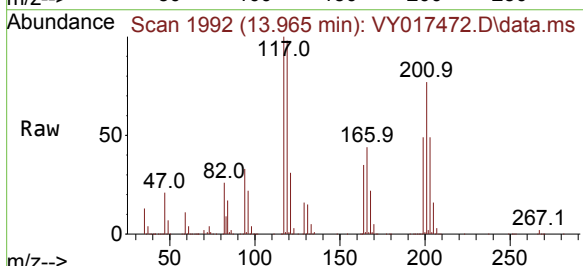
Acq: 23 Feb 2024 18:20

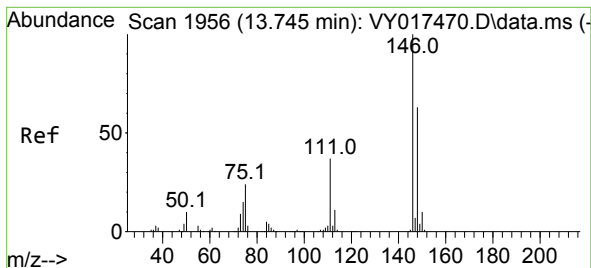
Tgt Ion: 117 Resp: 231455

Ion Ratio Lower Upper

117 100

201 77.9 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 156.909 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

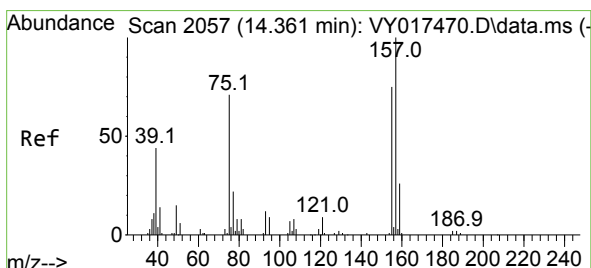
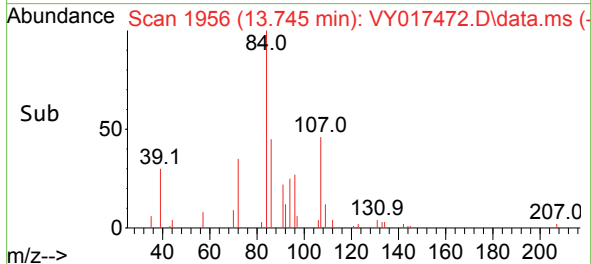
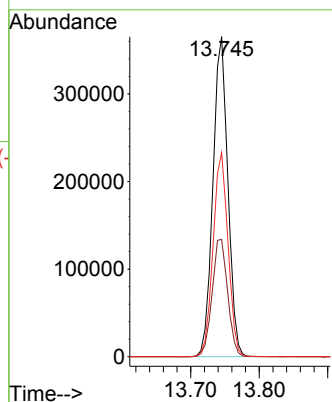
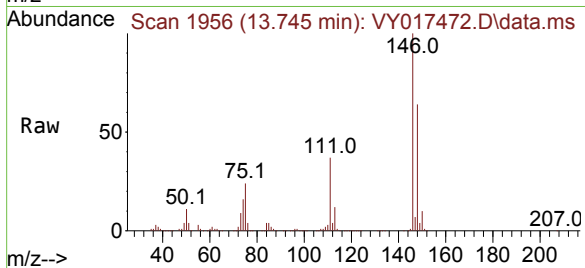
Tgt Ion:146 Resp: 551920

Ion Ratio Lower Upper

146 100

111 38.2 19.9 59.7

148 63.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 155.210 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

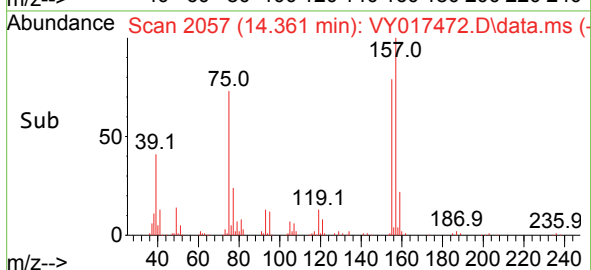
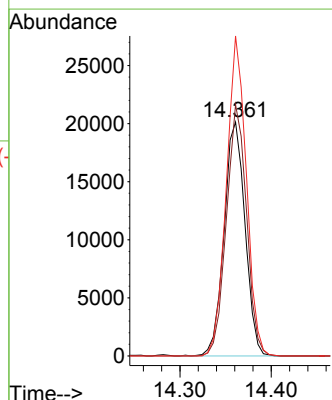
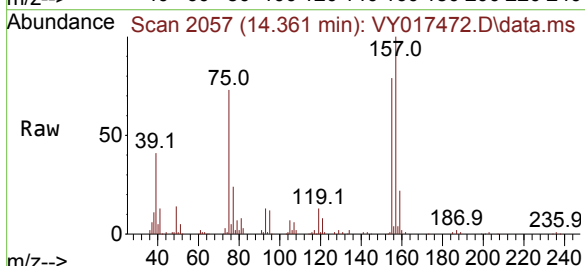
Tgt Ion: 75 Resp: 32055

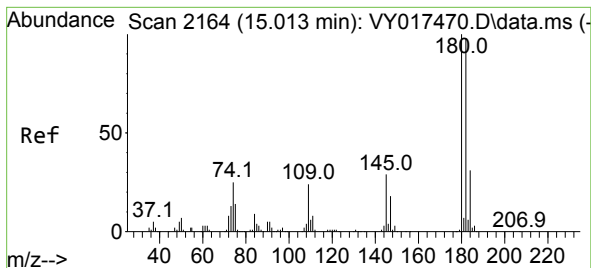
Ion Ratio Lower Upper

75 100

155 103.5 48.6 145.8

157 129.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 168.561 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

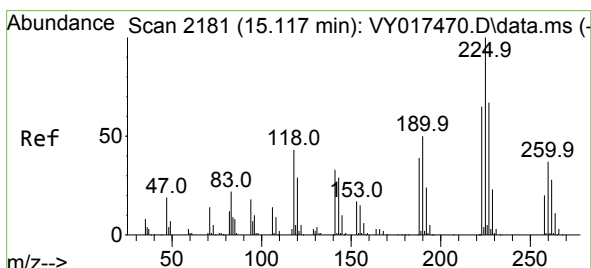
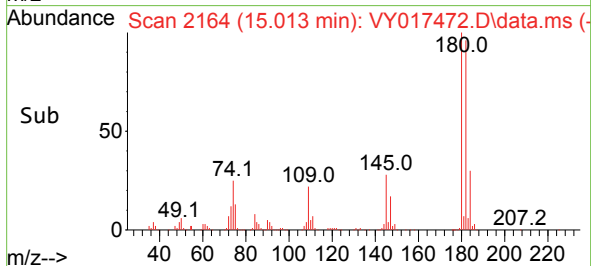
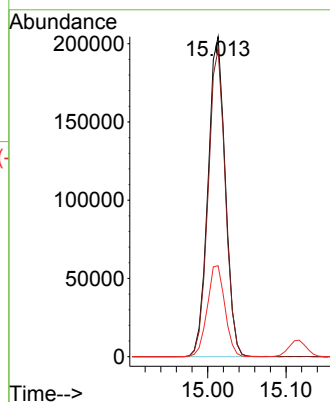
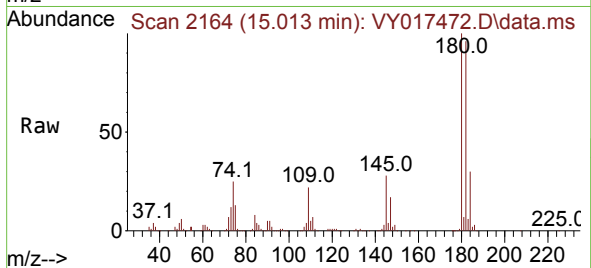
Tgt Ion:180 Resp: 313175

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.8

145 29.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 146.467 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

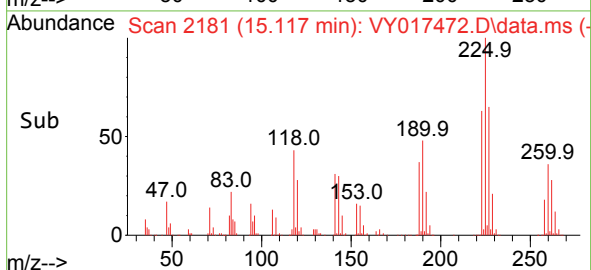
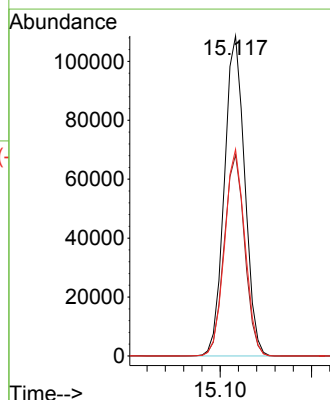
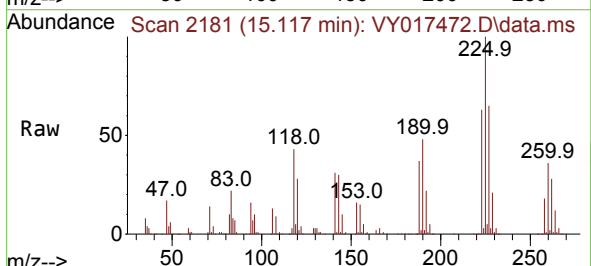
Tgt Ion:225 Resp: 168011

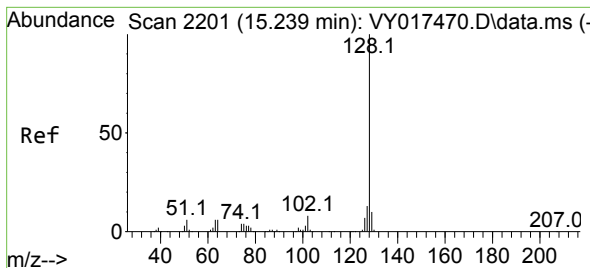
Ion Ratio Lower Upper

225 100

223 63.1 30.4 91.2

227 64.5 31.9 95.9





#95

Naphthalene

Concen: 155.476 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

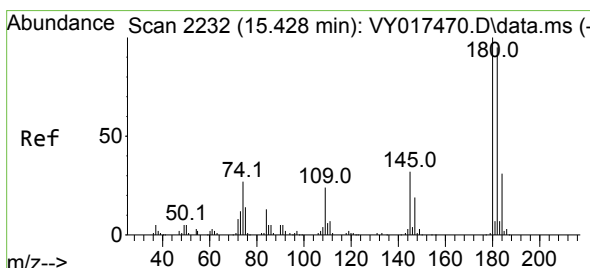
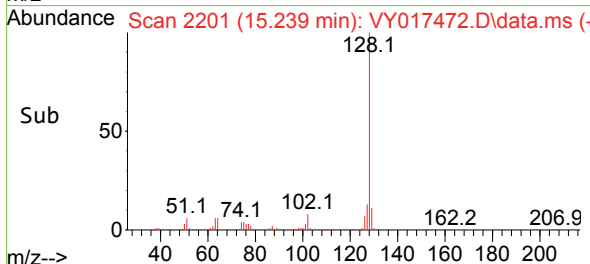
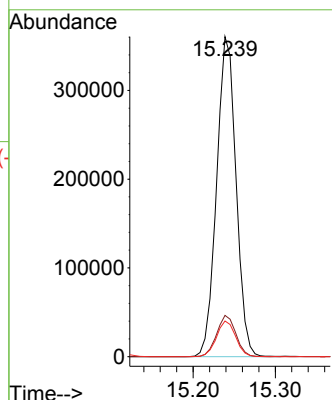
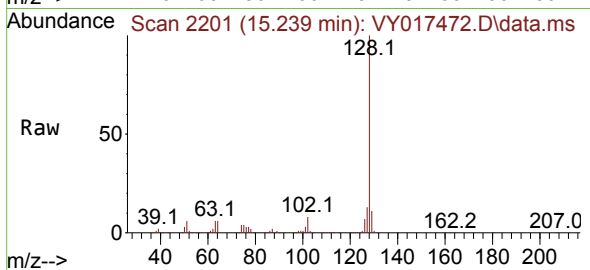
Tgt Ion:128 Resp: 591969

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 165.656 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017472.D

Acq: 23 Feb 2024 18:20

Tgt Ion:180 Resp: 264034

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.9

145 30.6 15.4 46.1

