

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012424\
 Data File : VY017089.D
 Acq On : 24 Jan 2024 12:12
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 25 04:22:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:13:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	150460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	246941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	213404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	95503	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	141904	96.800	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 193.600%#	
35) Dibromofluoromethane	7.734	113	148013	99.311	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 198.620%#	
50) Toluene-d8	10.191	98	568301	100.955	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 201.920%#	
62) 4-Bromofluorobenzene	12.489	95	179344	103.421	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 206.840%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	103243	100.915	ug/l	94
3) Chloromethane	2.125	50	176430	101.009	ug/l	100
4) Vinyl Chloride	2.266	62	213935	103.715	ug/l	99
5) Bromomethane	2.662	94	159566	102.450	ug/l	99
6) Chloroethane	2.808	64	142509	103.846	ug/l	99
7) Trichlorofluoromethane	3.144	101	243340	102.010	ug/l	99
8) Diethyl Ether	3.546	74	83036	95.785	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.918	101	152432	90.575	ug/l	100
10) Methyl Iodide	4.113	142	167208	104.582	ug/l	99
11) Tert butyl alcohol	4.972	59	51698	535.320	ug/l	99
12) 1,1-Dichloroethene	3.893	96	144202	93.605	ug/l	97
13) Acrolein	3.747	56	80326	456.888	ug/l	100
14) Allyl chloride	4.503	41	225711	96.934	ug/l	99
15) Acrylonitrile	5.186	53	186189	494.871	ug/l	100
16) Acetone	3.967	43	179455	523.949	ug/l	97
17) Carbon Disulfide	4.216	76	428727	92.335	ug/l	99
18) Methyl Acetate	4.497	43	154141	102.498	ug/l	100
19) Methyl tert-butyl Ether	5.247	73	377789	100.495	ug/l	100
20) Methylene Chloride	4.741	84	160935	105.463	ug/l	99
21) trans-1,2-Dichloroethene	5.247	96	168972	94.826	ug/l	99
22) Diisopropyl ether	6.137	45	508333	98.901	ug/l	97
23) Vinyl Acetate	6.082	43	1251243	501.858	ug/l	99
24) 1,1-Dichloroethane	6.039	63	294262	93.863	ug/l	99
25) 2-Butanone	7.003	43	255475	530.629	ug/l	96
26) 2,2-Dichloropropane	7.003	77	255183	95.302	ug/l	100
27) cis-1,2-Dichloroethene	7.003	96	194817	98.659	ug/l	98
28) Bromochloromethane	7.350	49	121949	97.709	ug/l	96
29) Tetrahydrofuran	7.362	42	152065	511.560	ug/l	99
30) Chloroform	7.527	83	301097	94.321	ug/l	99
31) Cyclohexane	7.801	56	259952	103.307	ug/l	100
32) 1,1,1-Trichloroethane	7.722	97	263242	96.167	ug/l	99
36) 1,1-Dichloropropene	7.935	75	238265	97.165	ug/l	100
37) Ethyl Acetate	7.094	43	103689	98.339	ug/l	99
38) Carbon Tetrachloride	7.917	117	234242	97.477	ug/l	99
39) Methylcyclohexane	9.197	83	300456	101.871	ug/l	97
40) Benzene	8.179	78	695935	97.724	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	55050	97.620	ug/l	90
42) 1,2-Dichloroethane	8.252	62	181038	98.056	ug/l	99
43) Isopropyl Acetate	8.289	43	204589	103.936	ug/l	99
44) Trichloroethene	8.953	130	179866	98.475	ug/l	97
45) 1,2-Dichloropropane	9.228	63	169879	97.189	ug/l	99
46) Dibromomethane	9.319	93	91611	98.689	ug/l	99
47) Bromodichloromethane	9.508	83	232354	98.388	ug/l	96
48) Methyl methacrylate	9.307	41	118987	108.871	ug/l	99
49) 1,4-Dioxane	9.313	88	19675	2155.026	ug/l	98
51) 4-Methyl-2-Pentanone	10.081	43	551033	526.251	ug/l	99
52) Toluene	10.258	92	434655	100.840	ug/l	100
53) t-1,3-Dichloropropene	10.478	75	226445	104.963	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	268751	101.286	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	128882	99.338	ug/l	99
56) Ethyl methacrylate	10.520	69	127822	112.663	ug/l	99
57) 1,3-Dichloropropane	10.801	76	216826	98.849	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	419261	532.361	ug/l	99
59) 2-Hexanone	10.843	43	393494	492.584	ug/l	98
60) Dibromochloromethane	10.996	129	152629	101.258	ug/l	98
61) 1,2-Dibromoethane	11.099	107	120199	101.984	ug/l	99
64) Tetrachloroethene	10.734	164	144829	97.366	ug/l	97
65) Chlorobenzene	11.526	112	445034	98.409	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	166770	100.959	ug/l	99
67) Ethyl Benzene	11.605	91	843870	102.646	ug/l	99
68) m/p-Xylenes	11.715	106	632225	204.681	ug/l	99
69) o-Xylene	12.038	106	292098	104.105	ug/l	99
70) Styrene	12.057	104	433332	106.384	ug/l	99
71) Bromoform	12.215	173	86743	104.724	ug/l #	97
73) Isopropylbenzene	12.337	105	780370	99.396	ug/l	99
74) N-amyl acetate	12.154	43	169055	106.827	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	145630	97.275	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	179860	99.625	ug/l #	100
77) Bromobenzene	12.617	156	169550	99.804	ug/l	97
78) n-propylbenzene	12.678	91	943801	99.946	ug/l	99
79) 2-Chlorotoluene	12.770	91	509860	98.392	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	623917	100.411	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	45499	101.613	ug/l	96
82) 4-Chlorotoluene	12.861	91	522192	97.232	ug/l	99
83) tert-Butylbenzene	13.081	119	552776	102.849	ug/l	100
84) 1,2,4-Trimethylbenzene	13.130	105	624356	101.098	ug/l	99
85) sec-Butylbenzene	13.264	105	787266	98.924	ug/l	98
86) p-Isopropyltoluene	13.379	119	678446	102.343	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	333326	99.380	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	318480	96.508	ug/l	100
89) n-Butylbenzene	13.703	91	644979	100.871	ug/l	99
90) Hexachloroethane	13.971	117	133683	96.753	ug/l	97
91) 1,2-Dichlorobenzene	13.751	146	281338	98.222	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	18845	98.558	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	156861	104.798	ug/l	99
94) Hexachlorobutadiene	15.123	225	86646	96.183	ug/l	99
95) Naphthalene	15.245	128	305537	115.574	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	130590	104.868	ug/l	98

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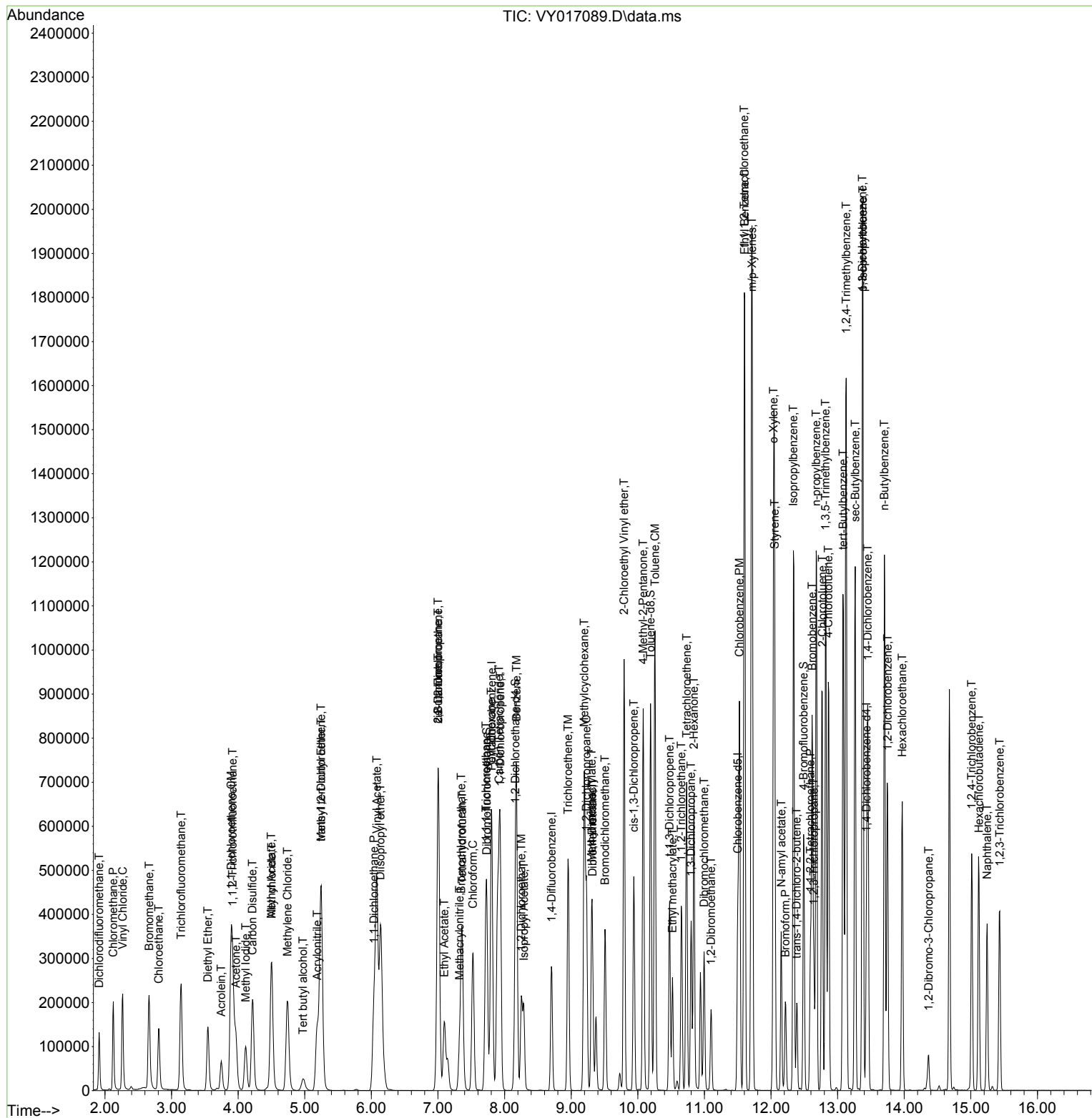
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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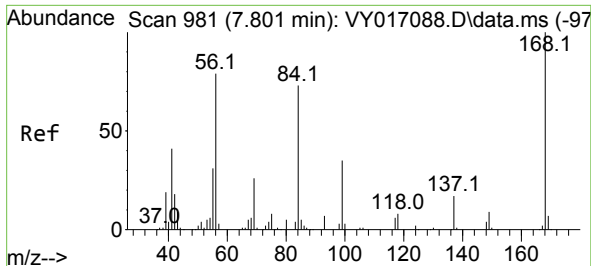
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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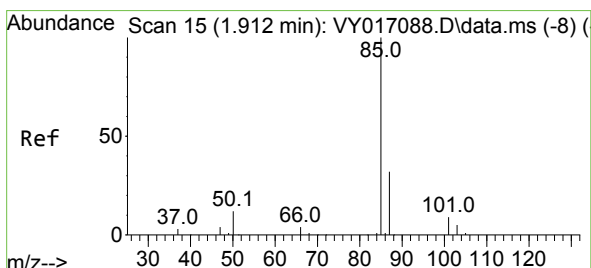
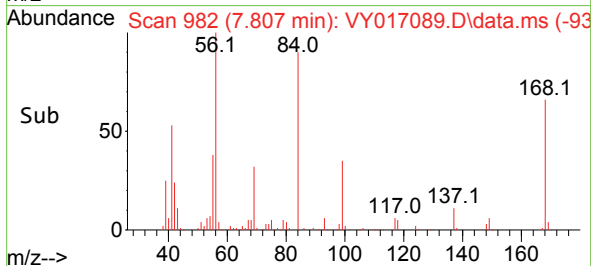
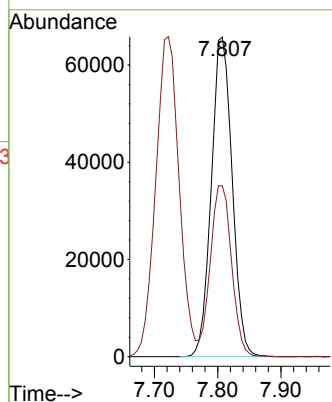
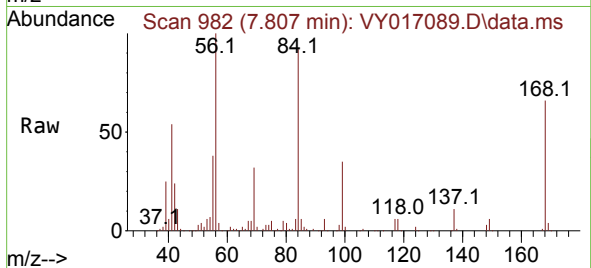




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017089.D
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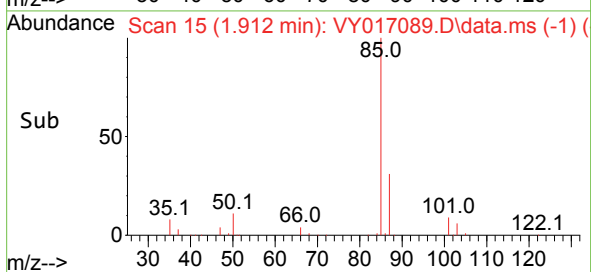
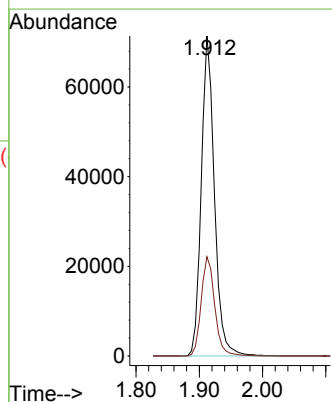
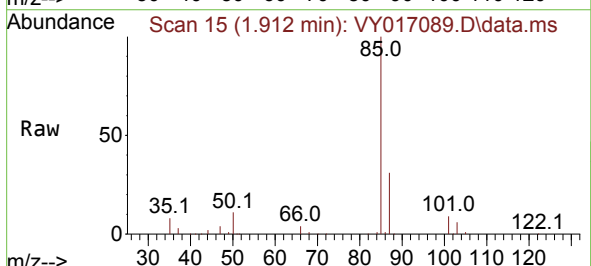
Instrument :
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ClientSampleId :
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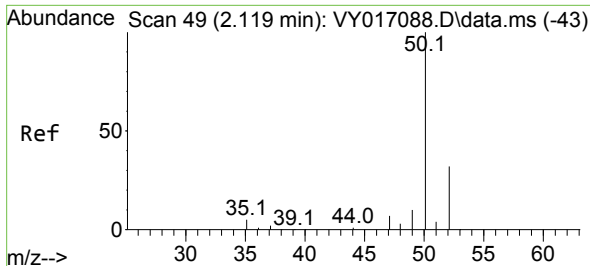
Tgt Ion:168 Resp: 150460
Ion Ratio Lower Upper
168 100
99 53.5 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 100.915 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

Tgt Ion: 85 Resp: 103243
Ion Ratio Lower Upper
85 100
87 31.0 17.1 51.3

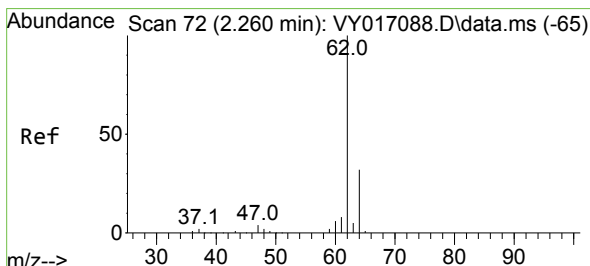
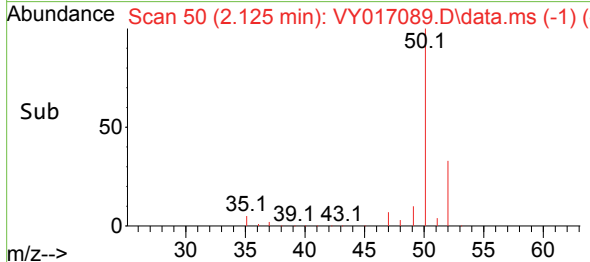
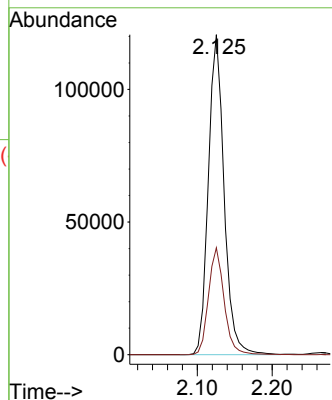
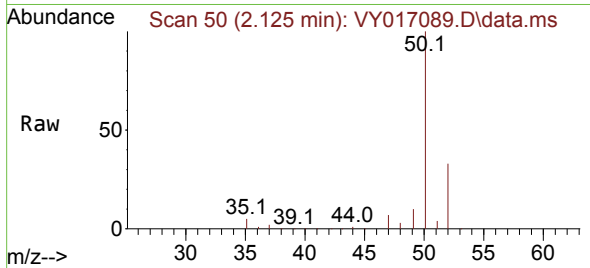




#3
Chloromethane
Concen: 101.009 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

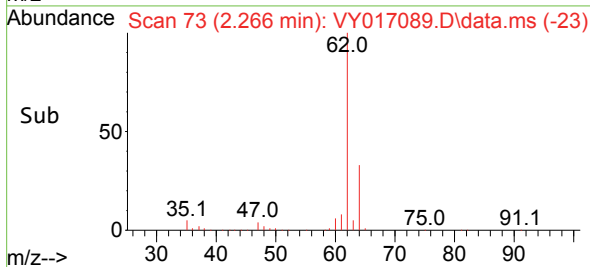
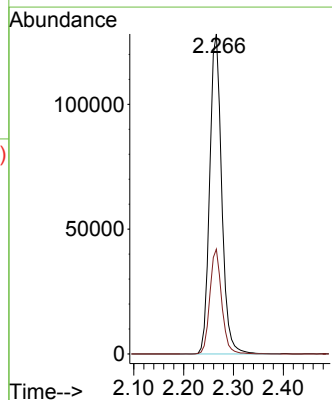
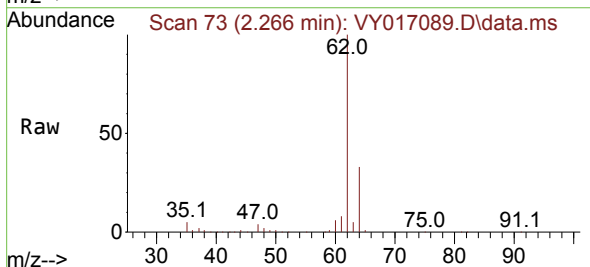
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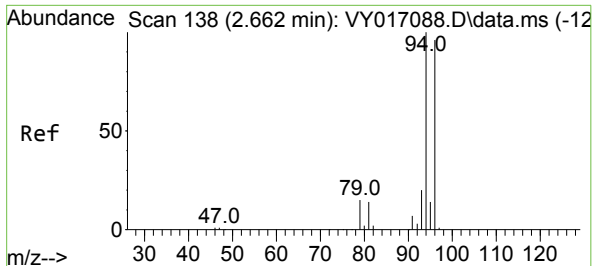
Tgt Ion: 50 Resp: 176430
Ion Ratio Lower Upper
50 100
52 33.4 26.7 40.1



#4
Vinyl Chloride
Concen: 103.715 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.007 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

Tgt Ion: 62 Resp: 213935
Ion Ratio Lower Upper
62 100
64 32.7 25.7 38.5

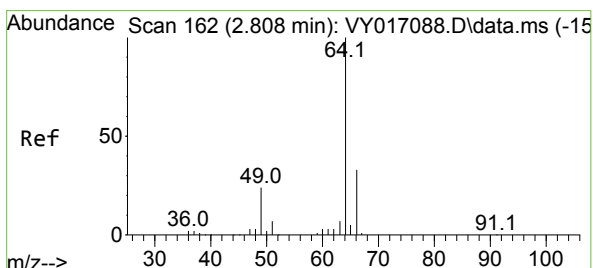
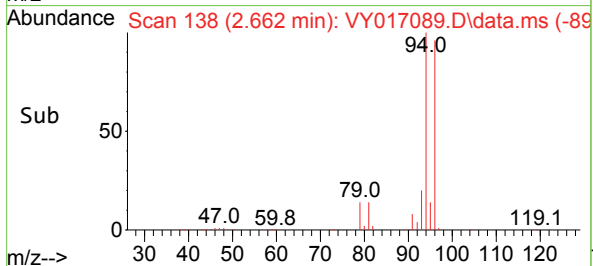
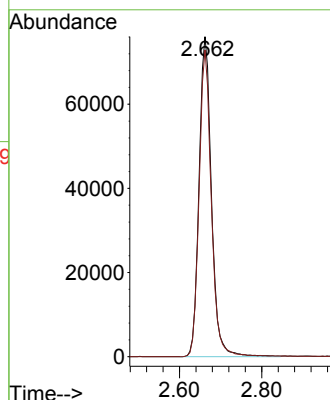
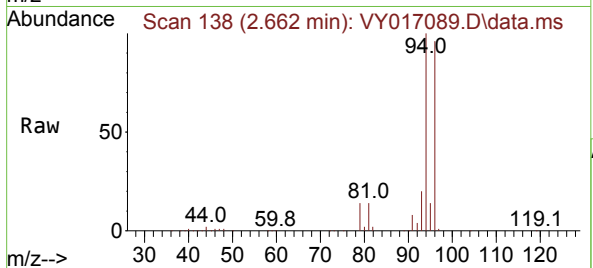




#5
Bromomethane
Concen: 102.450 ug/l
RT: 2.662 min Scan# 138
Delta R.T. -0.000 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

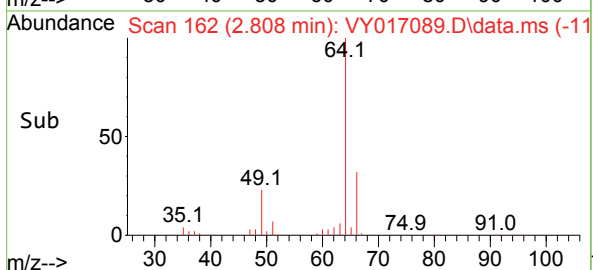
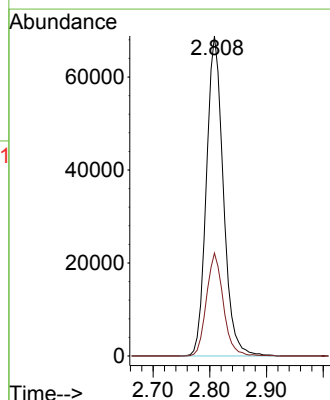
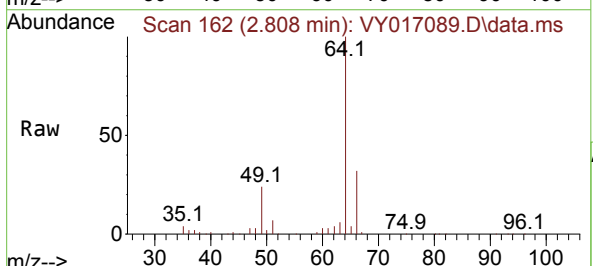
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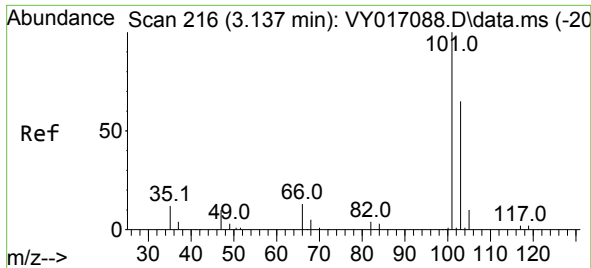
Tgt Ion: 94 Resp: 159566
Ion Ratio Lower Upper
94 100
96 95.9 77.3 115.9



#6
Chloroethane
Concen: 103.846 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.000 min
Lab File: VY017089.D
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Tgt Ion: 64 Resp: 142509
Ion Ratio Lower Upper
64 100
66 32.1 25.1 37.7

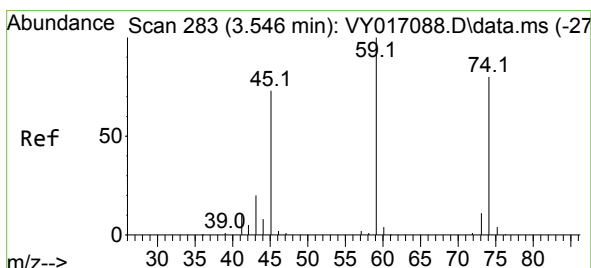
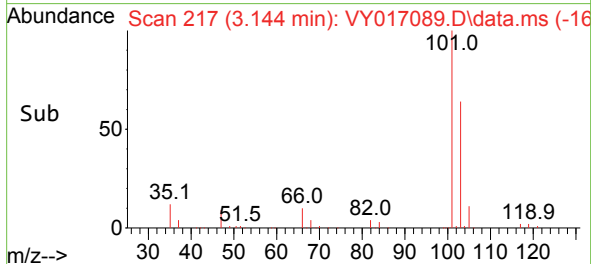
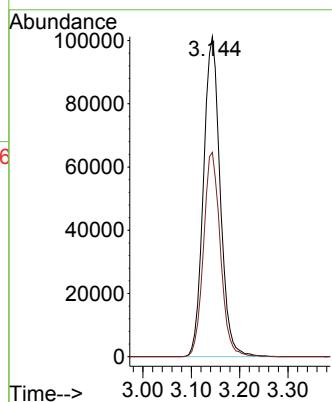
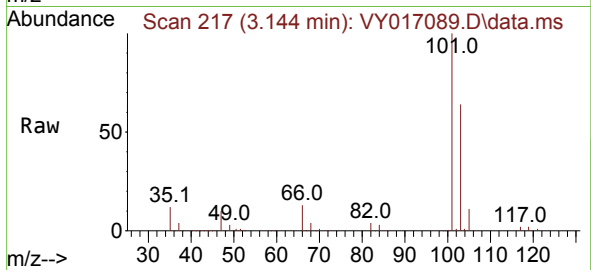




#7
 Trichlorofluoromethane
 Concen: 102.010 ug/l
 RT: 3.144 min Scan# 216
 Delta R.T. 0.006 min
 Lab File: VY017089.D
 Acq: 24 Jan 2024 12:12

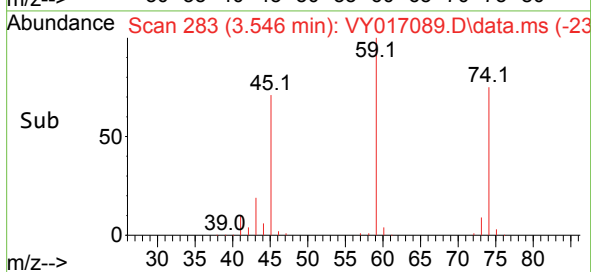
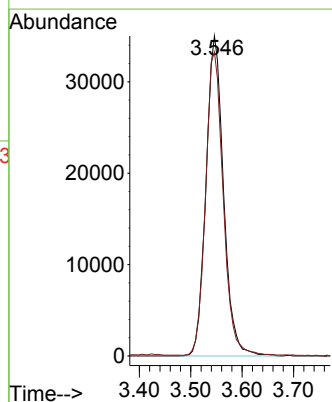
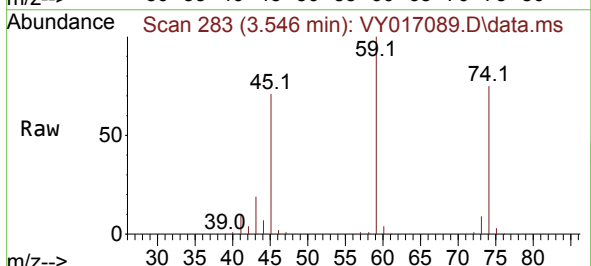
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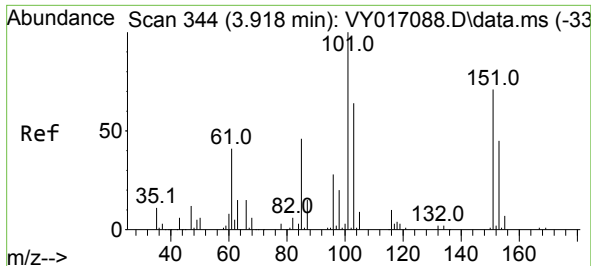
Tgt Ion:101 Resp: 243340
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.9 77.9



#8
 Diethyl Ether
 Concen: 95.785 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY017089.D
 Acq: 24 Jan 2024 12:12

Tgt Ion: 74 Resp: 83036
 Ion Ratio Lower Upper
 74 100
 45 95.3 47.9 143.7

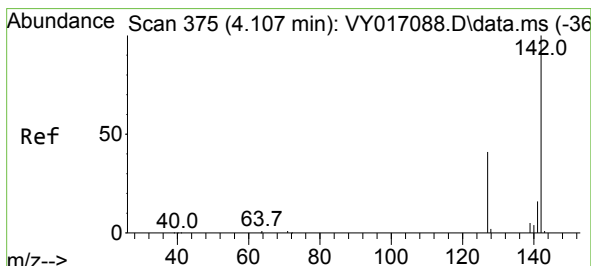
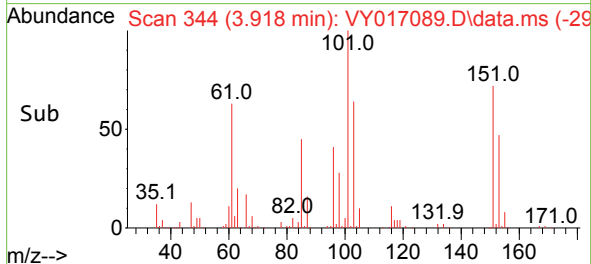
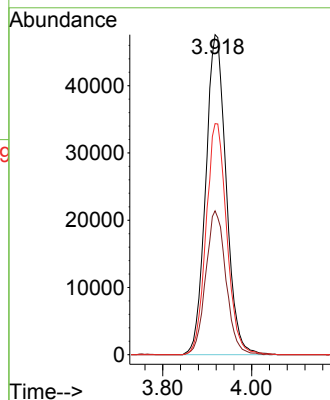
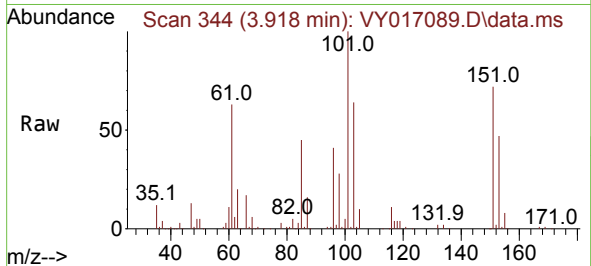




#9
1,1,2-Trichlorotrifluoroethane
Concen: 90.575 ug/l
RT: 3.918 min Scan# 344
Delta R.T. 0.007 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

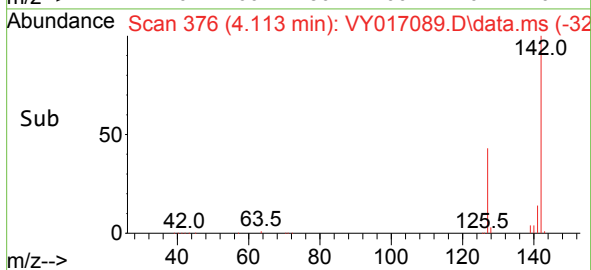
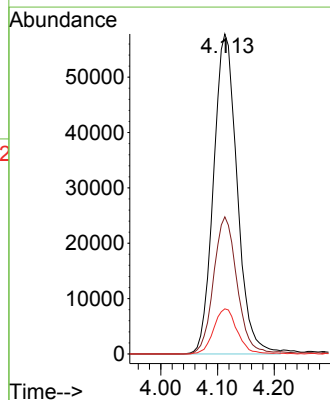
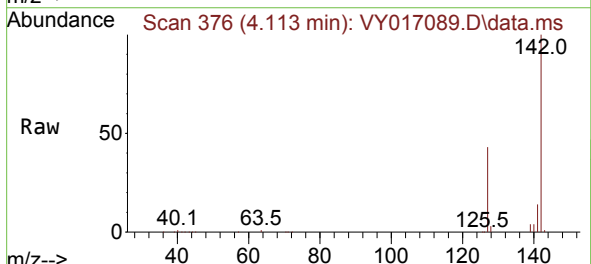
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

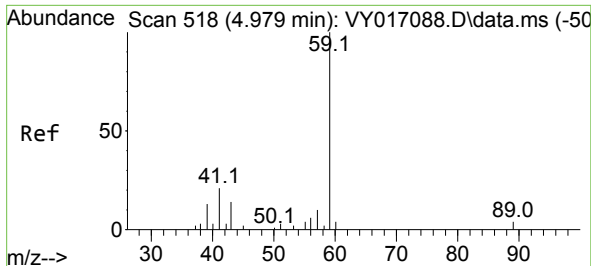
Tgt Ion:101 Resp: 152432
Ion Ratio Lower Upper
101 100
85 44.6 35.8 53.6
151 73.0 58.6 88.0



#10
Methyl Iodide
Concen: 104.582 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.007 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

Tgt Ion:142 Resp: 167208
Ion Ratio Lower Upper
142 100
127 43.0 35.1 52.7
141 14.0 11.8 17.6

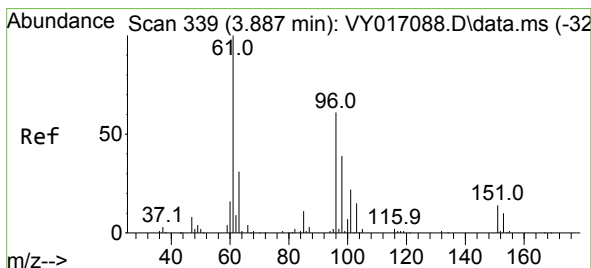
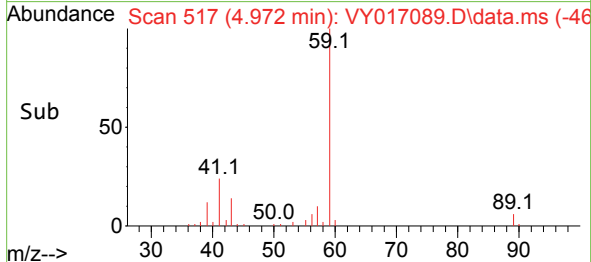
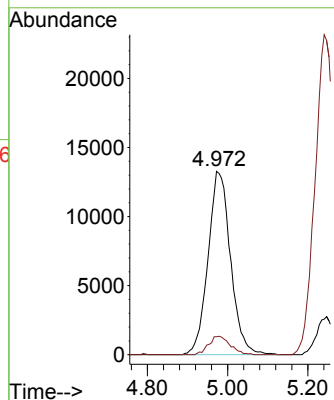
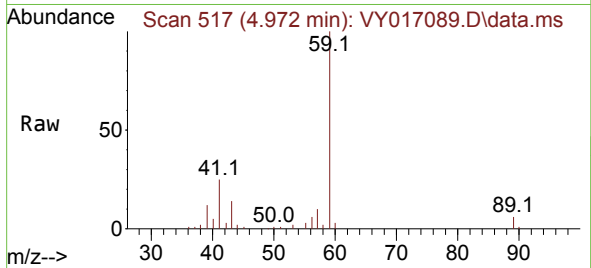




#11
Tert butyl alcohol
Concen: 535.320 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

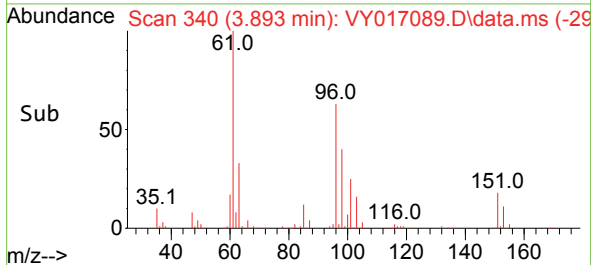
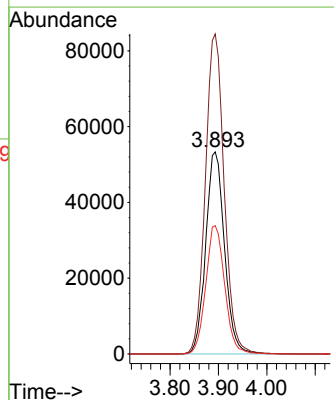
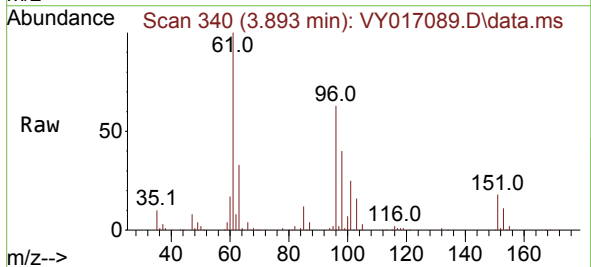
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

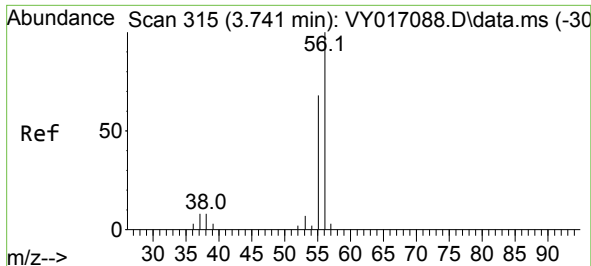
Tgt Ion: 59 Resp: 51698
Ion Ratio Lower Upper
59 100
57 9.6 7.4 11.0



#12
1,1-Dichloroethene
Concen: 93.605 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

Tgt Ion: 96 Resp: 144202
Ion Ratio Lower Upper
96 100
61 158.3 124.2 186.2
98 63.5 52.6 79.0





#13

Acrolein

Concen: 456.888 ug/l

RT: 3.747 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY017089.D

Acq: 24 Jan 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :

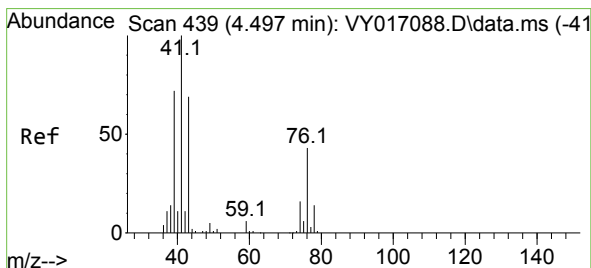
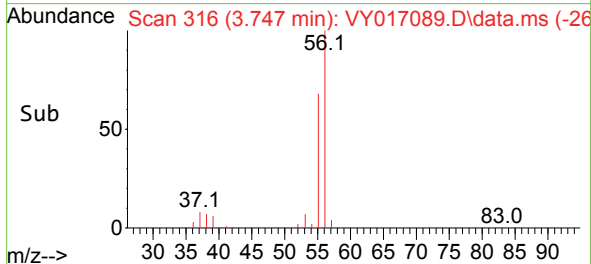
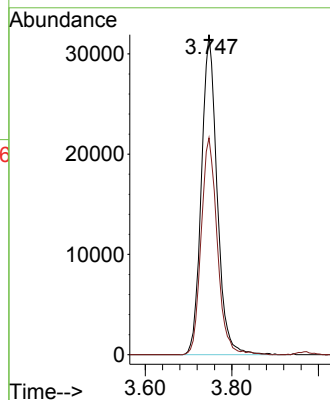
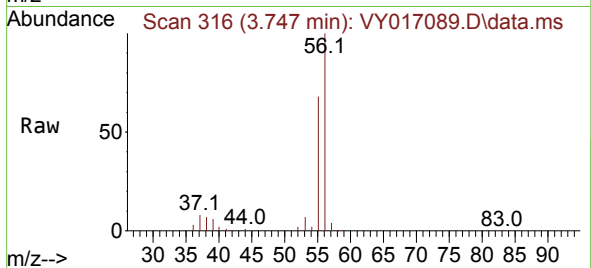
VSTDICC100

Tgt Ion: 56 Resp: 80326

Ion Ratio Lower Upper

56 100

55 69.5 55.4 83.0



#14

Allyl chloride

Concen: 96.934 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.006 min

Lab File: VY017089.D

Acq: 24 Jan 2024 12:12

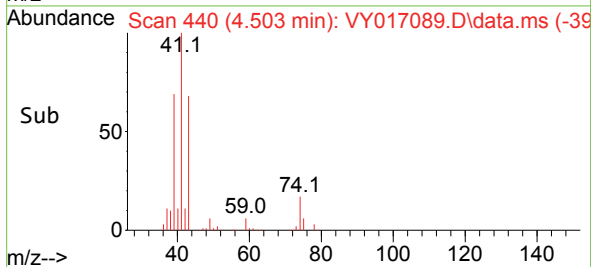
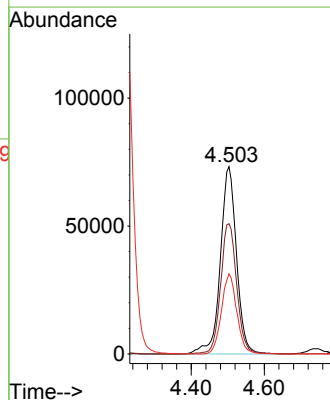
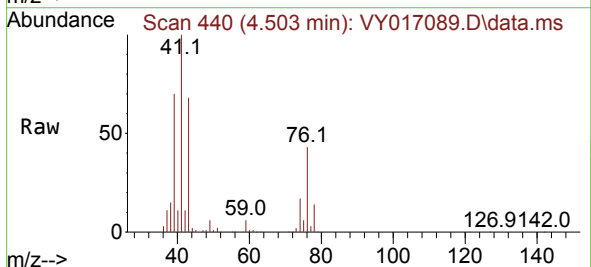
Tgt Ion: 41 Resp: 225711

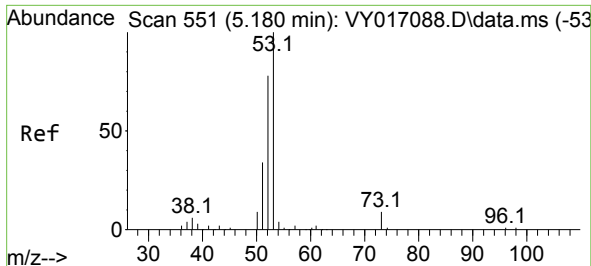
Ion Ratio Lower Upper

41 100

39 69.3 54.7 82.1

76 40.5 31.8 47.6

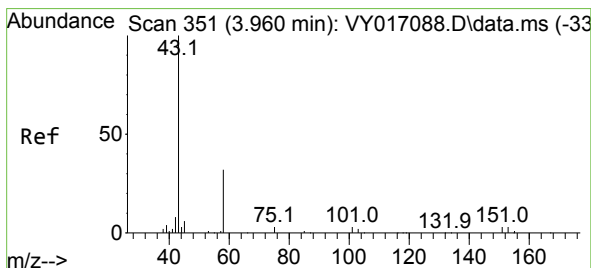
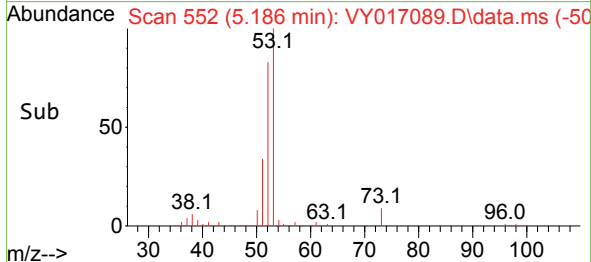
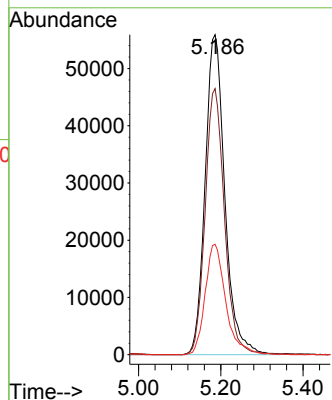
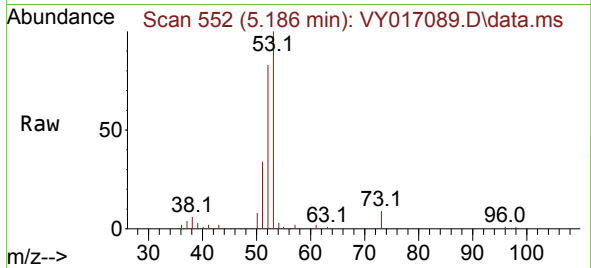




#15
Acrylonitrile
Concen: 494.871 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

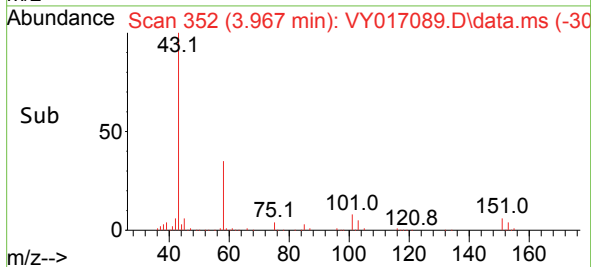
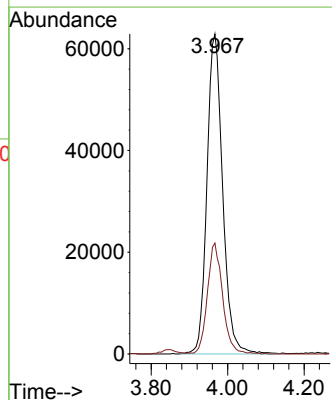
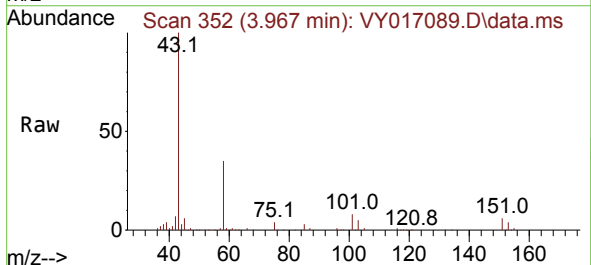
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

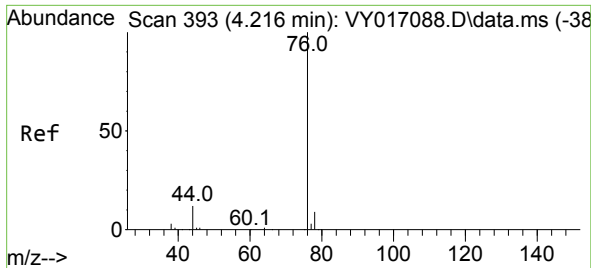
Tgt Ion: 53 Resp: 186189
Ion Ratio Lower Upper
53 100
52 81.7 65.1 97.7
51 36.0 29.0 43.4



#16
Acetone
Concen: 523.949 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.007 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

Tgt Ion: 43 Resp: 179455
Ion Ratio Lower Upper
43 100
58 34.7 26.6 39.8





#17

Carbon Disulfide

Concen: 92.335 ug/l

RT: 4.216 min Scan# 393

Delta R.T. 0.006 min

Lab File: VY017089.D

Acq: 24 Jan 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :

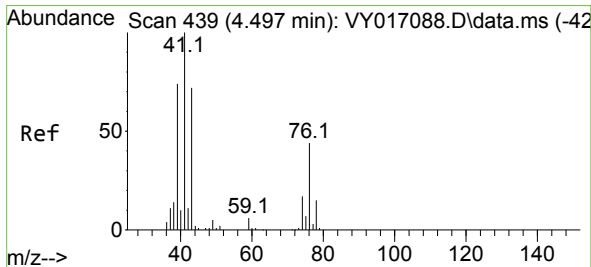
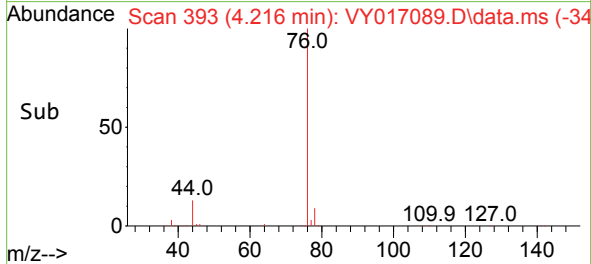
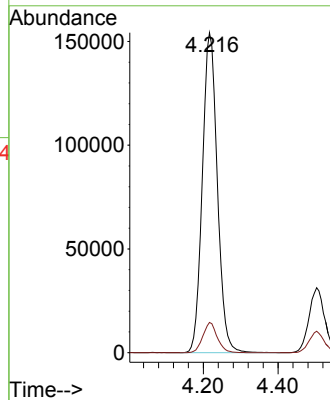
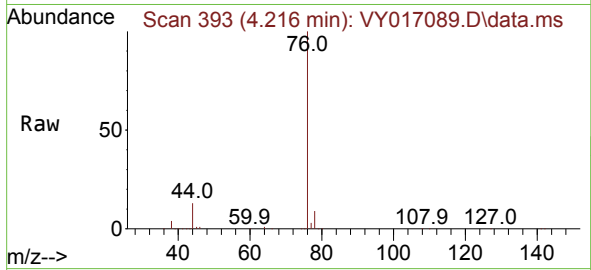
VSTDICC100

Tgt Ion: 76 Resp: 428727

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0



#18

Methyl Acetate

Concen: 102.498 ug/l

RT: 4.497 min Scan# 439

Delta R.T. -0.000 min

Lab File: VY017089.D

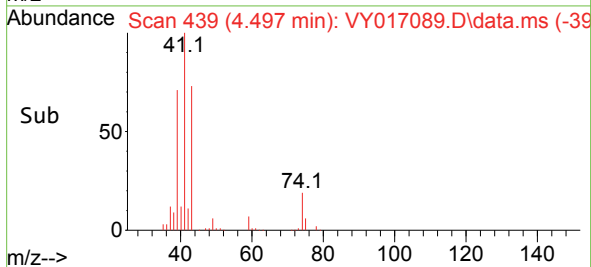
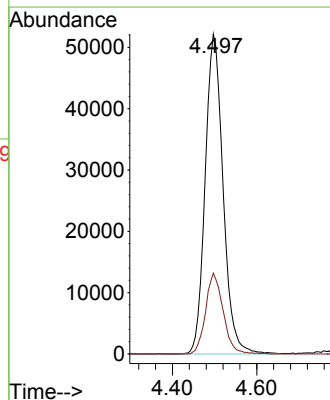
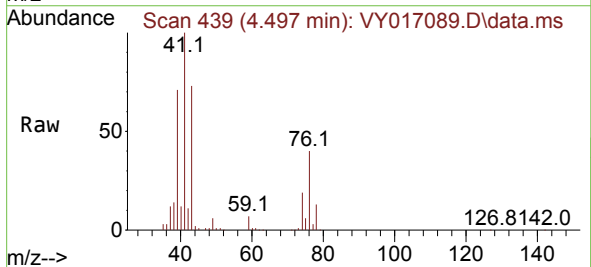
Acq: 24 Jan 2024 12:12

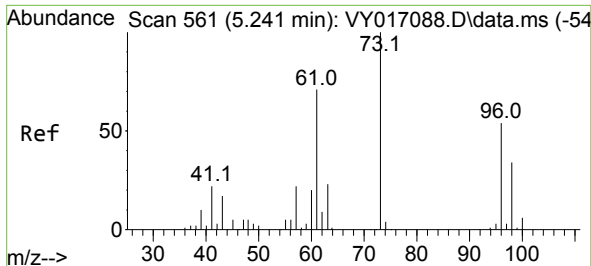
Tgt Ion: 43 Resp: 154141

Ion Ratio Lower Upper

43 100

74 24.8 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 100.495 ug/l

RT: 5.247 min Scan# 5

Delta R.T. 0.013 min

Lab File: VY017089.D

Acq: 24 Jan 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :

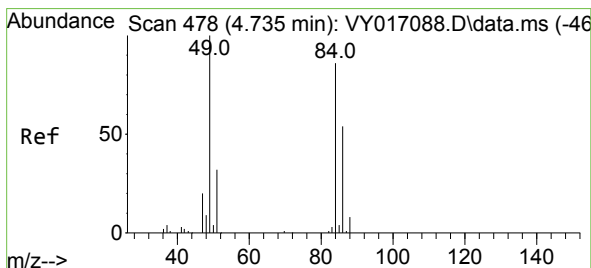
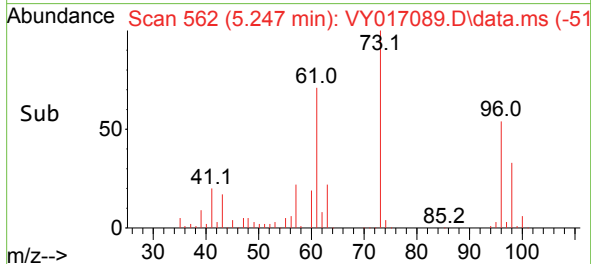
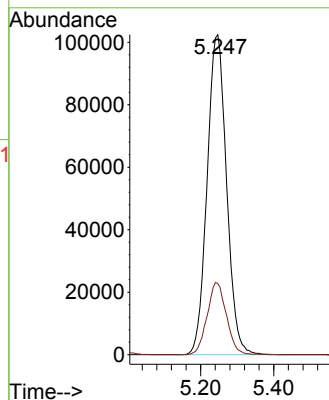
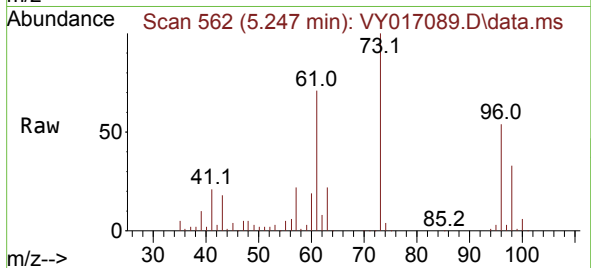
VSTDIC100

Tgt Ion: 73 Resp: 377789

Ion Ratio Lower Upper

73 100

57 22.2 17.7 26.5



#20

Methylene Chloride

Concen: 105.463 ug/l

RT: 4.741 min Scan# 479

Delta R.T. 0.007 min

Lab File: VY017089.D

Acq: 24 Jan 2024 12:12

Tgt Ion: 84 Resp: 160935

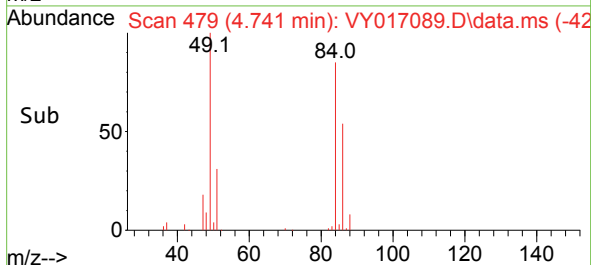
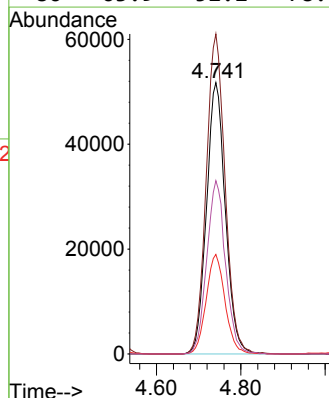
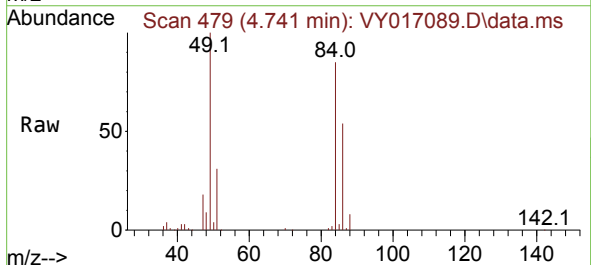
Ion Ratio Lower Upper

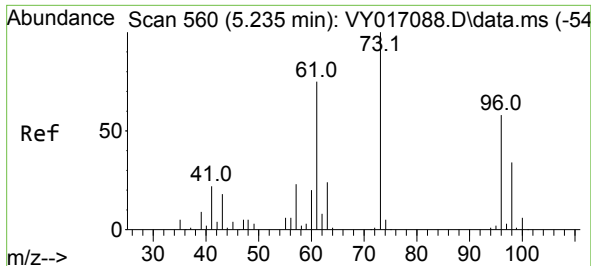
84 100

49 117.9 95.2 142.8

51 36.7 29.9 44.9

86 63.9 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 94.826 ug/l

RT: 5.247 min Scan# 562

Delta R.T. 0.007 min

Lab File: VY017089.D

Acq: 24 Jan 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

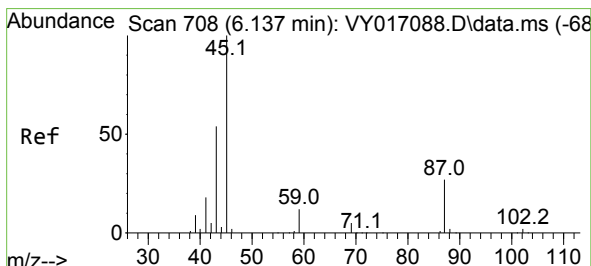
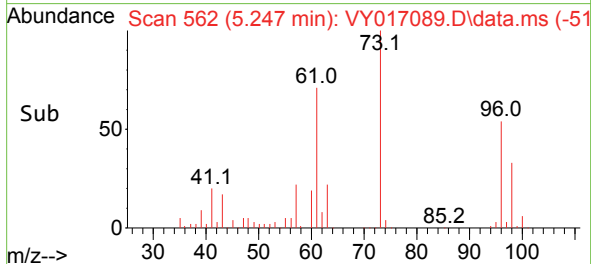
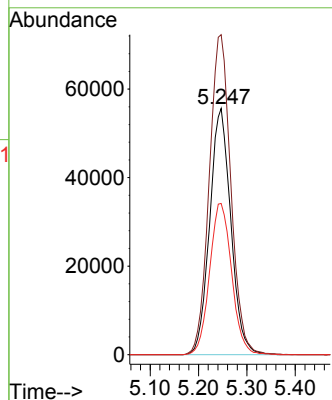
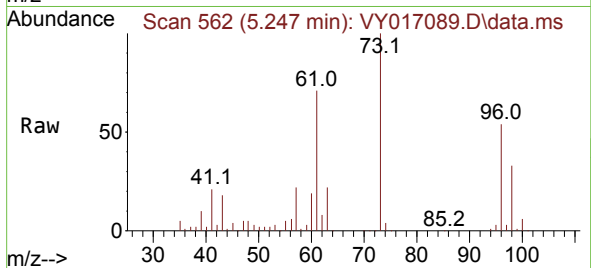
Tgt Ion: 96 Resp: 168972

Ion Ratio Lower Upper

96 100

61 130.0 104.6 156.8

98 61.4 50.9 76.3



#22

Diisopropyl ether

Concen: 98.901 ug/l

RT: 6.137 min Scan# 708

Delta R.T. 0.006 min

Lab File: VY017089.D

Acq: 24 Jan 2024 12:12

Tgt Ion: 45 Resp: 508333

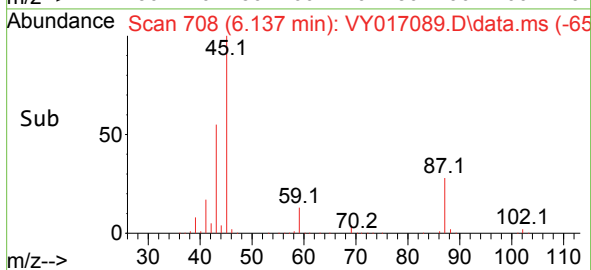
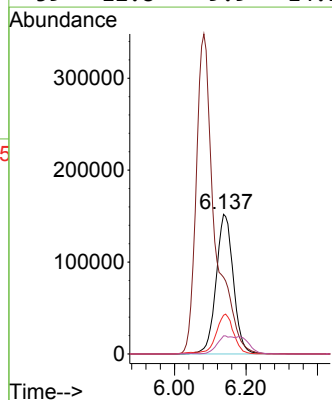
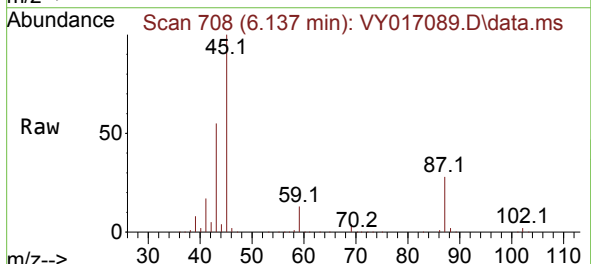
Ion Ratio Lower Upper

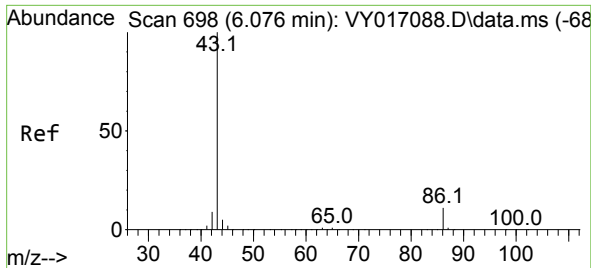
45 100

43 54.7 46.8 70.2

87 27.7 22.2 33.2

59 12.8 9.9 14.9

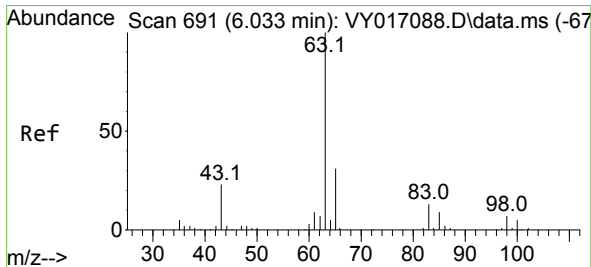
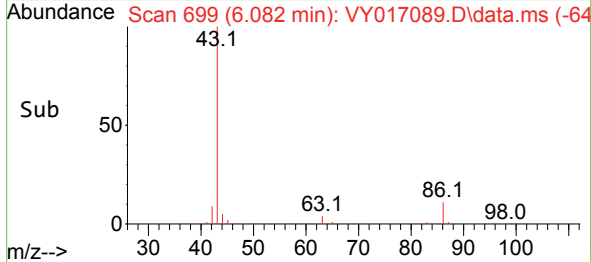
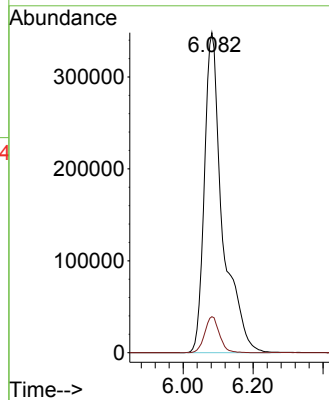
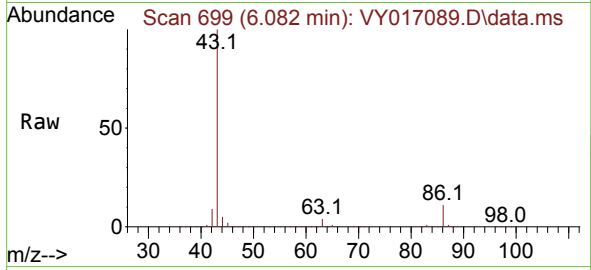




#23
Vinyl Acetate
Concen: 501.858 ug/l
RT: 6.082 min Scan# 699
Delta R.T. 0.006 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

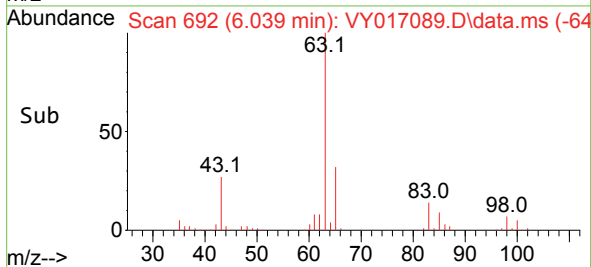
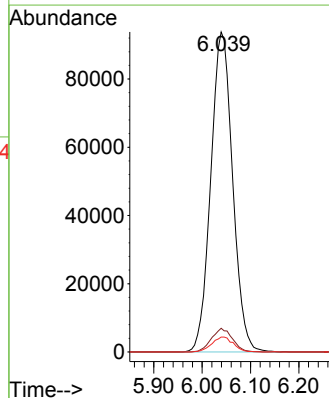
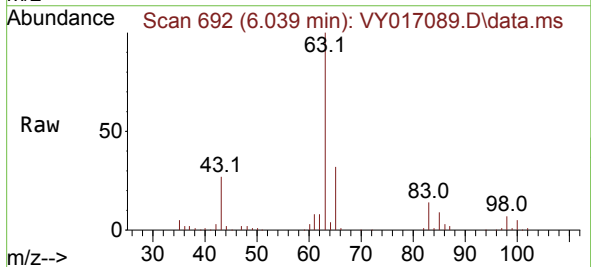
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

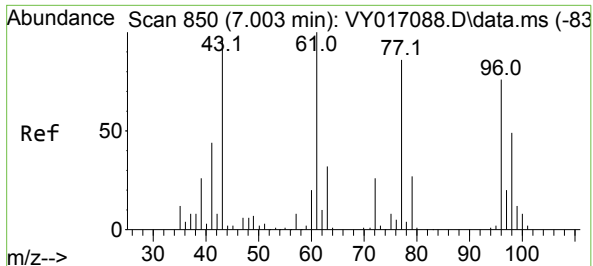
Tgt Ion: 43 Resp: 1251243
Ion Ratio Lower Upper
43 100
86 11.2 8.6 13.0



#24
1,1-Dichloroethane
Concen: 93.863 ug/l
RT: 6.039 min Scan# 692
Delta R.T. 0.006 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

Tgt Ion: 63 Resp: 294262
Ion Ratio Lower Upper
63 100
98 7.4 3.8 11.4
100 4.7 2.1 6.2

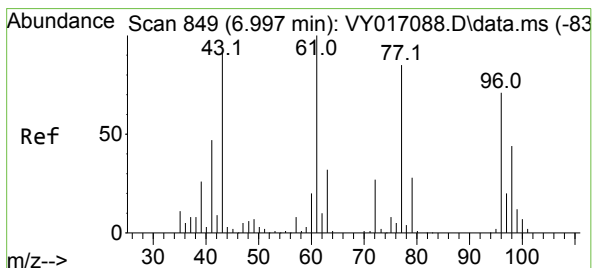
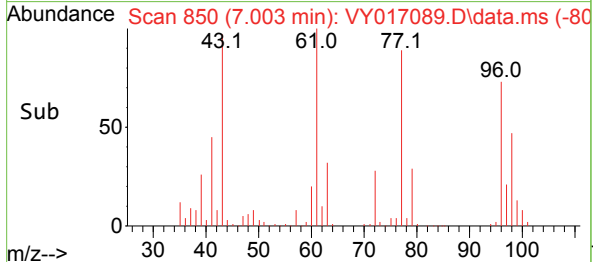
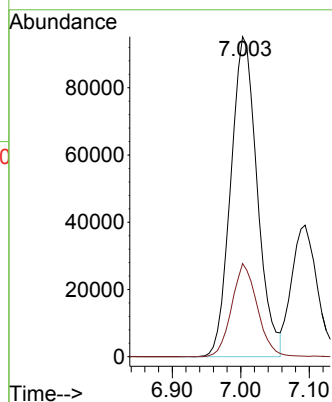
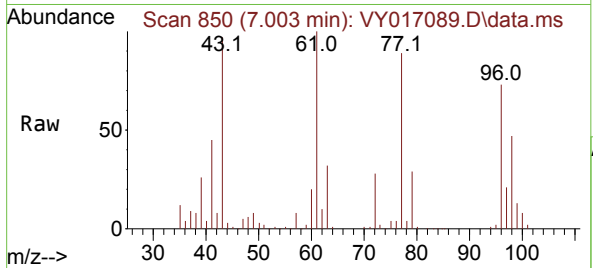




#25
2-Butanone
Concen: 530.629 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.007 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

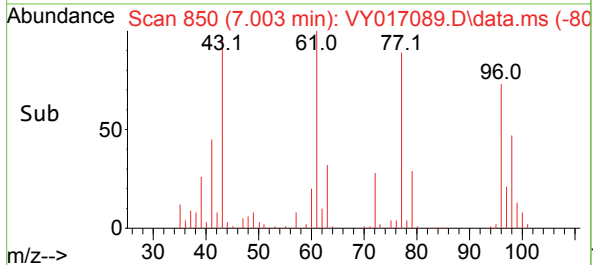
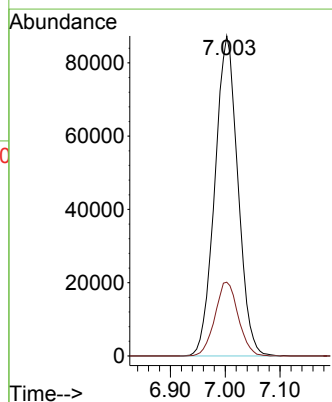
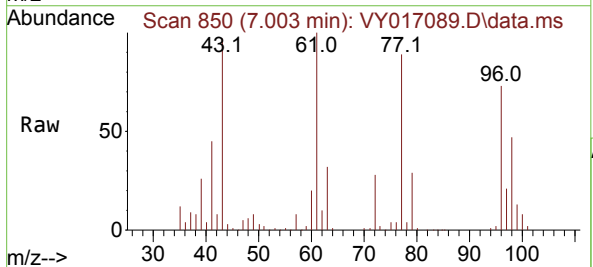
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

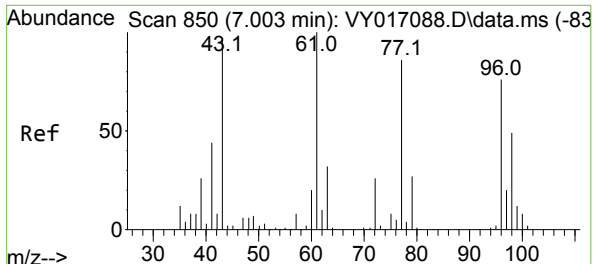
Tgt Ion: 43 Resp: 255475
Ion Ratio Lower Upper
43 100
72 29.1 21.4 32.2



#26
2,2-Dichloropropane
Concen: 95.302 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.007 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

Tgt Ion: 77 Resp: 255183
Ion Ratio Lower Upper
77 100
97 23.3 11.7 35.0

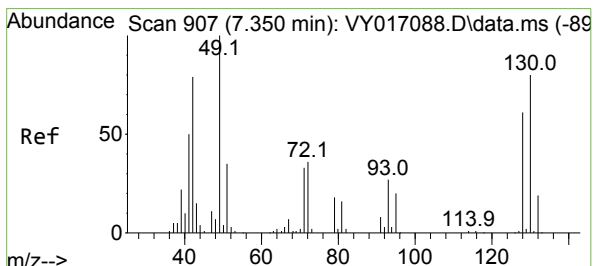
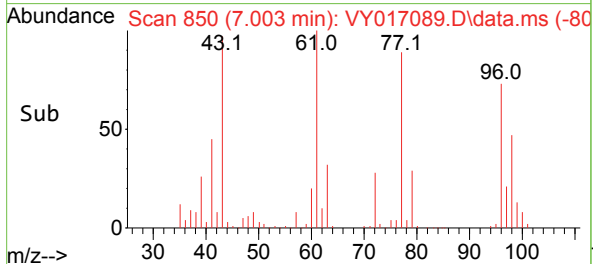
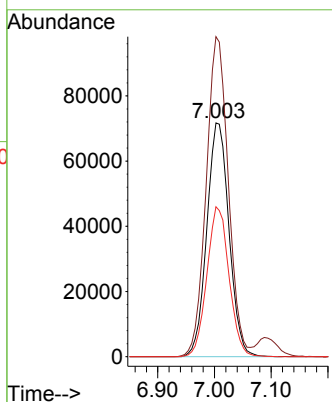
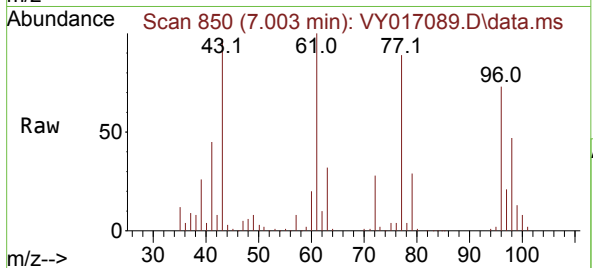




#27
 cis-1,2-Dichloroethene
 Concen: 98.659 ug/l
 RT: 7.003 min Scan# 850
 Delta R.T. 0.001 min
 Lab File: VY017089.D
 Acq: 24 Jan 2024 12:12

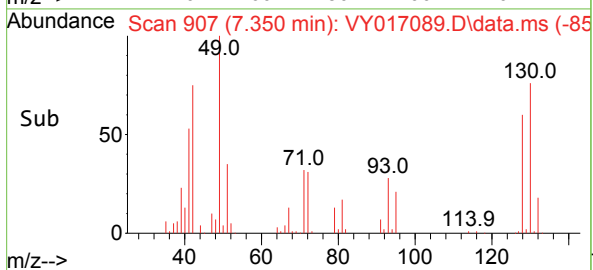
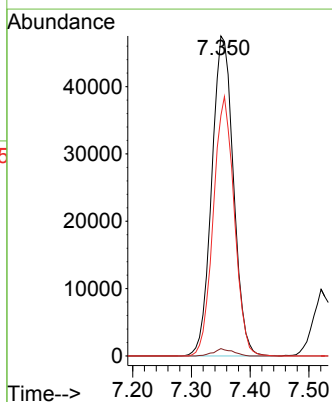
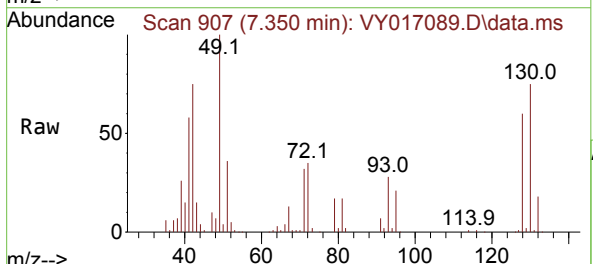
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

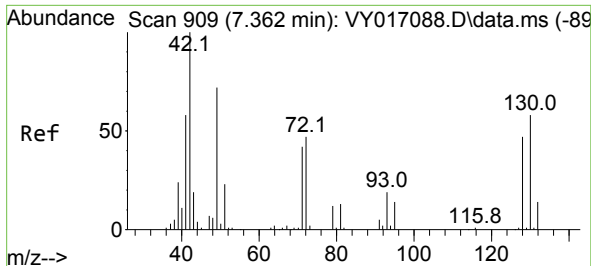
Tgt Ion: 96 Resp: 194817
 Ion Ratio Lower Upper
 96 100
 61 136.7 0.0 278.8
 98 64.1 0.0 127.0



#28
 Bromochloromethane
 Concen: 97.709 ug/l
 RT: 7.350 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VY017089.D
 Acq: 24 Jan 2024 12:12

Tgt Ion: 49 Resp: 121949
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 78.2 59.8 89.8





#29

Tetrahydrofuran

Concen: 511.560 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY017089.D

Acq: 24 Jan 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

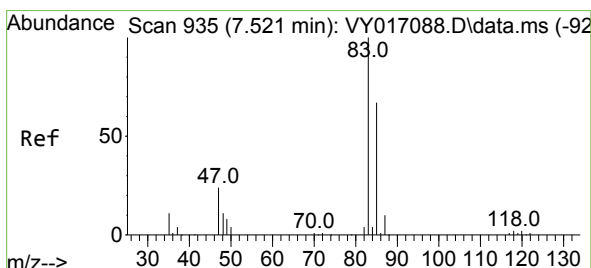
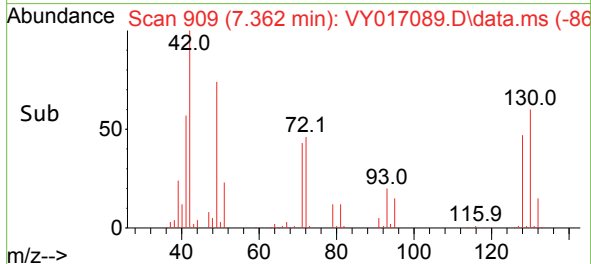
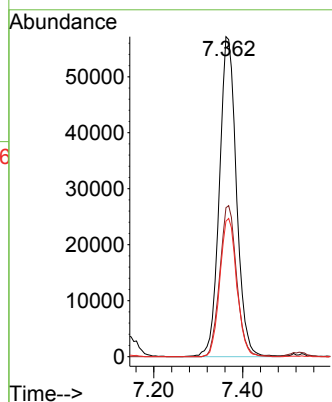
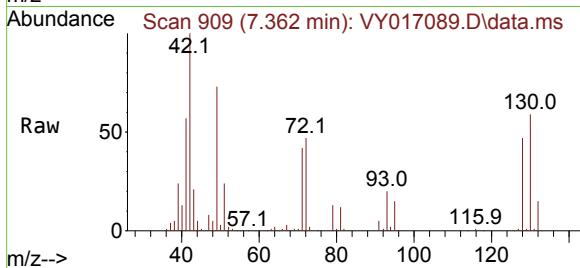
Tgt Ion: 42 Resp: 152065

Ion Ratio Lower Upper

42 100

72 46.7 36.6 54.8

71 42.8 33.8 50.6



#30

Chloroform

Concen: 94.321 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY017089.D

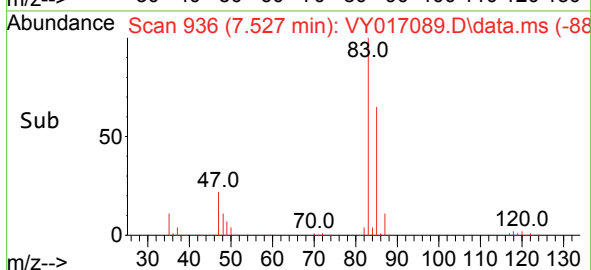
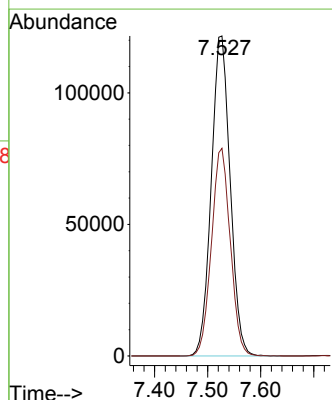
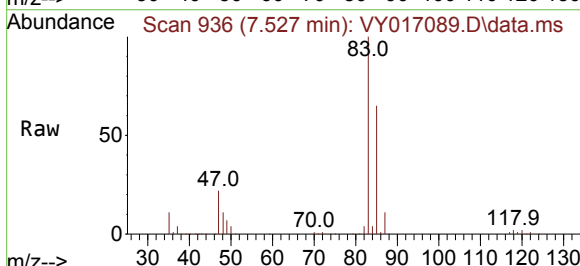
Acq: 24 Jan 2024 12:12

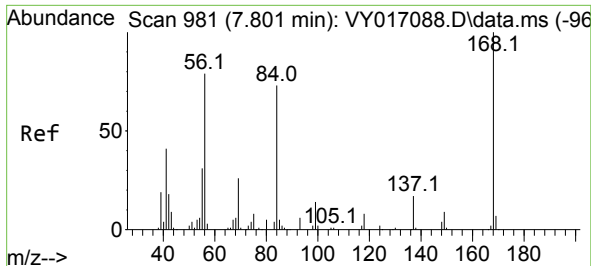
Tgt Ion: 83 Resp: 301097

Ion Ratio Lower Upper

83 100

85 64.9 51.2 76.8

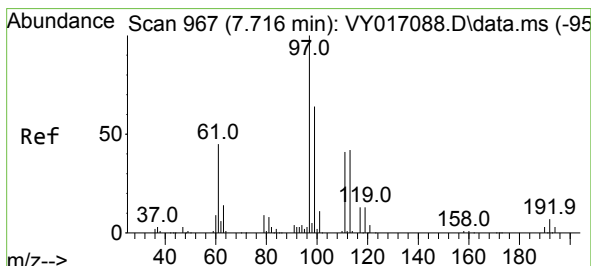
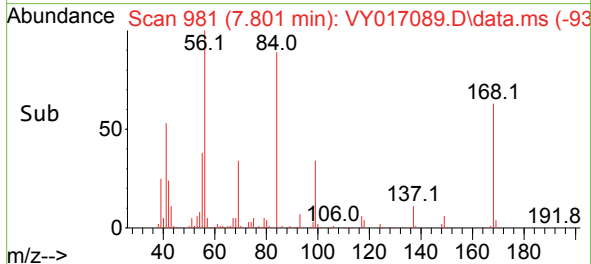
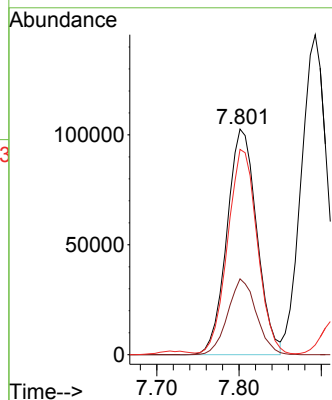
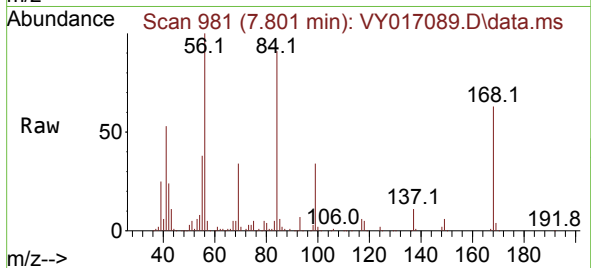




#31
Cyclohexane
Concen: 103.307 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

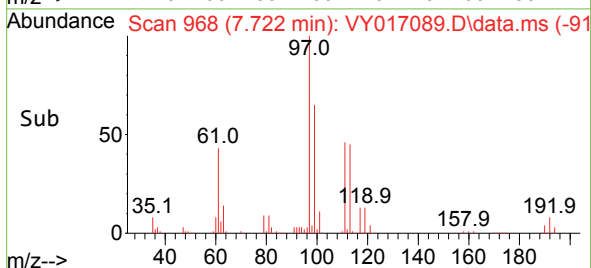
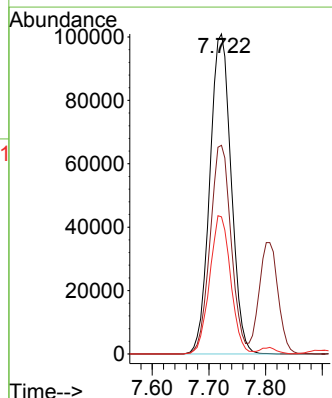
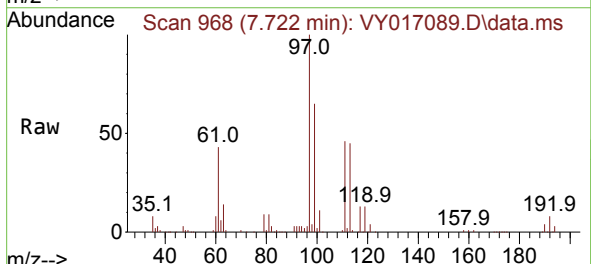
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

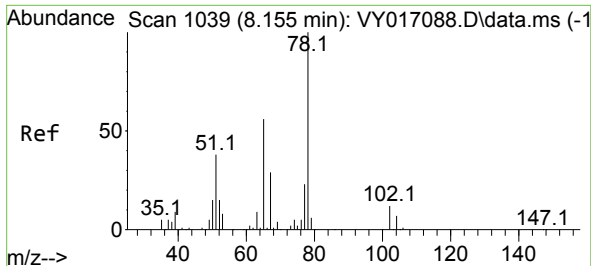
Tgt Ion: 56 Resp: 259952
Ion Ratio Lower Upper
56 100
69 33.6 27.0 40.6
84 89.4 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 96.167 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

Tgt Ion: 97 Resp: 263242
Ion Ratio Lower Upper
97 100
99 64.4 51.2 76.8
61 42.7 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 96.800 ug/l

RT: 8.161 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY017089.D

Acq: 24 Jan 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :

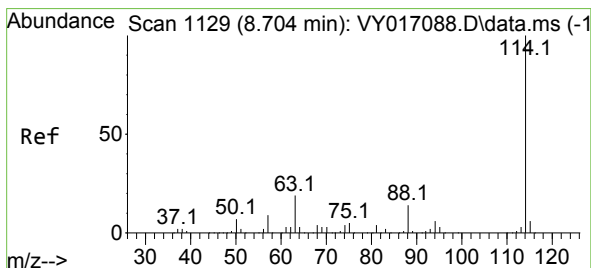
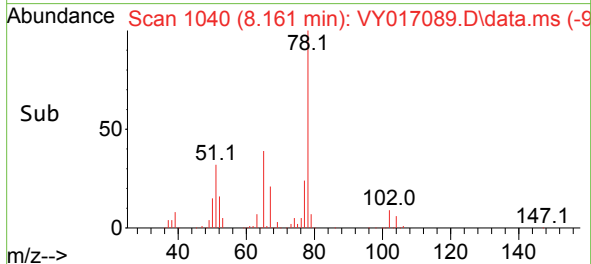
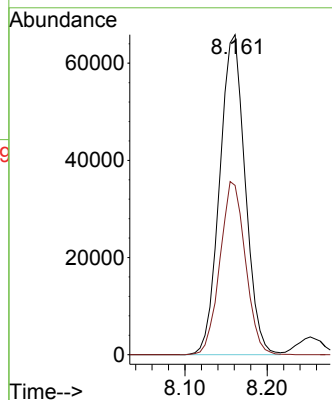
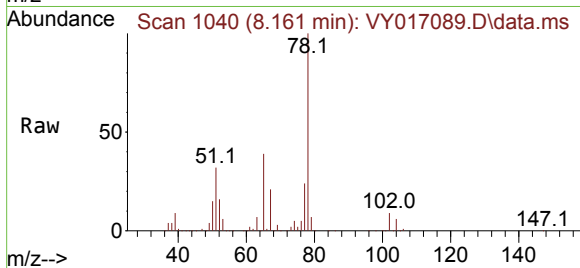
VSTDIC100

Tgt Ion: 65 Resp: 141904

Ion Ratio Lower Upper

65 100

67 53.9 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY017089.D

Acq: 24 Jan 2024 12:12

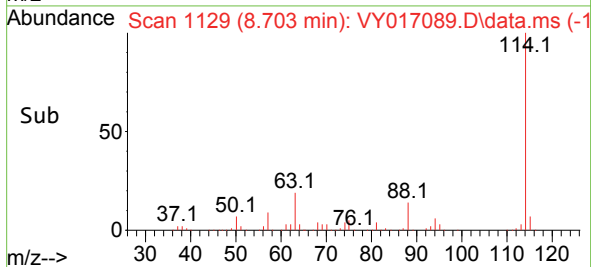
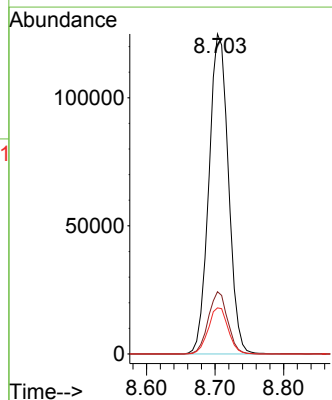
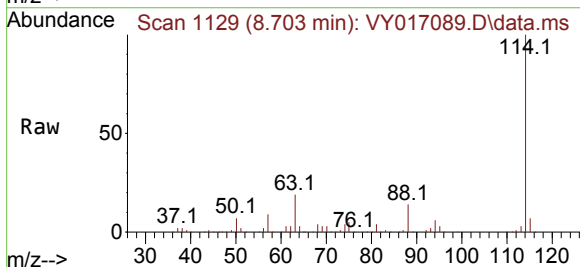
Tgt Ion:114 Resp: 246941

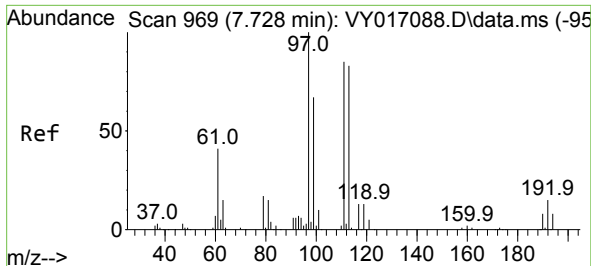
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

88 14.4 0.0 29.0

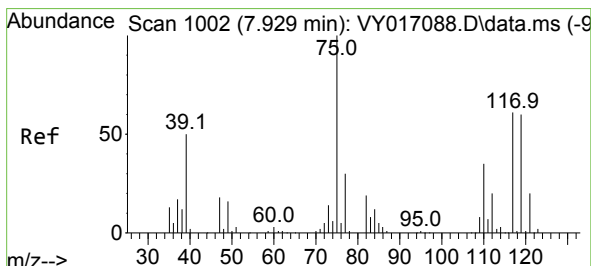
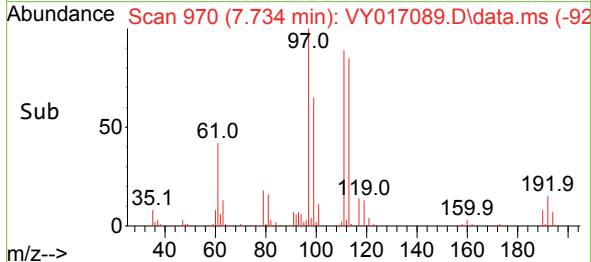
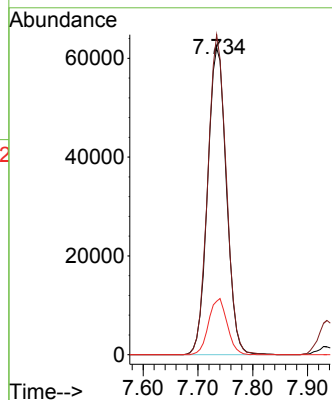
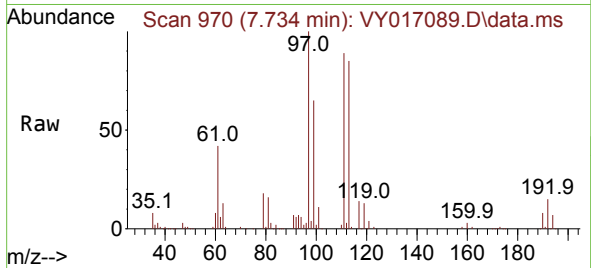




#35
Dibromofluoromethane
Concen: 99.311 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

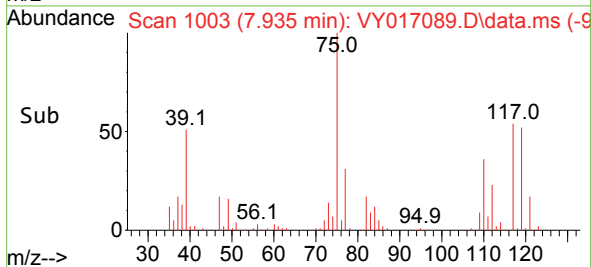
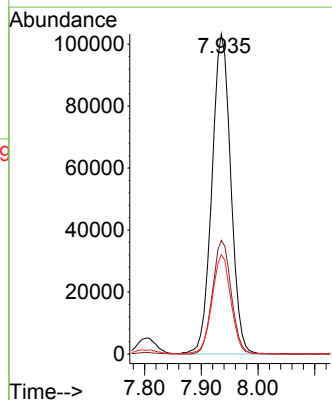
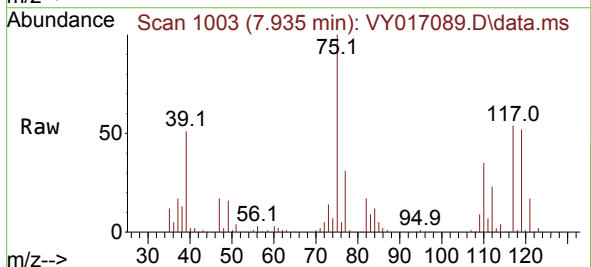
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

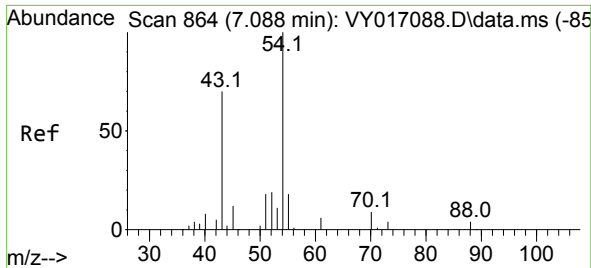
Tgt Ion:113 Resp: 148013
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.6
192 18.0 14.5 21.7



#36
1,1-Dichloropropene
Concen: 97.165 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

Tgt Ion: 75 Resp: 238265
Ion Ratio Lower Upper
75 100
110 35.2 17.4 52.3
77 31.0 24.7 37.1

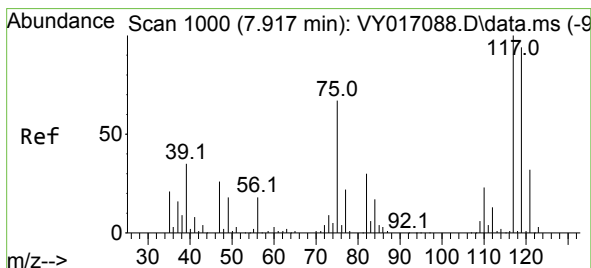
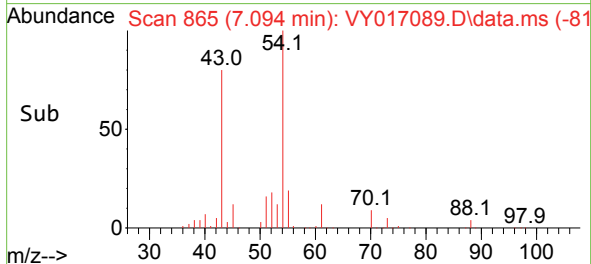
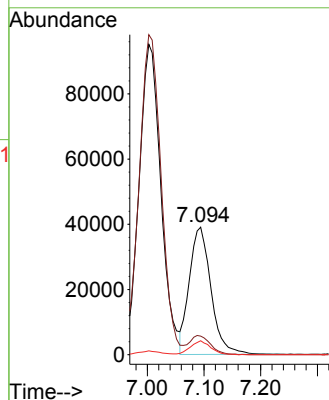
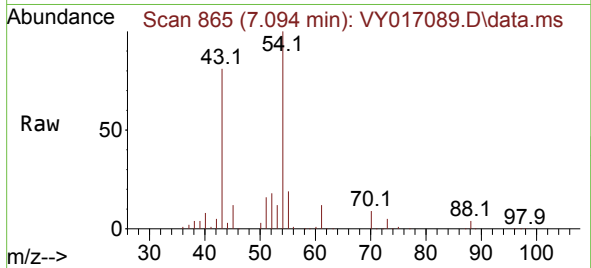




#37
Ethyl Acetate
Concen: 98.339 ug/l
RT: 7.094 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

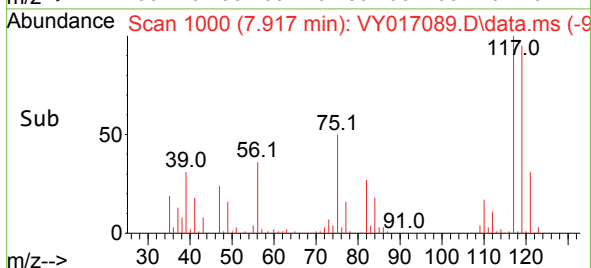
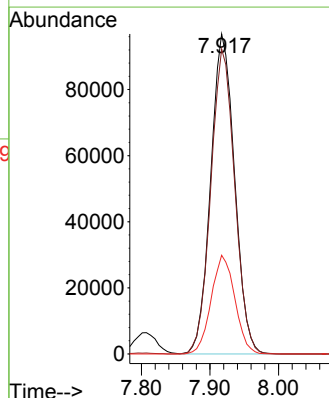
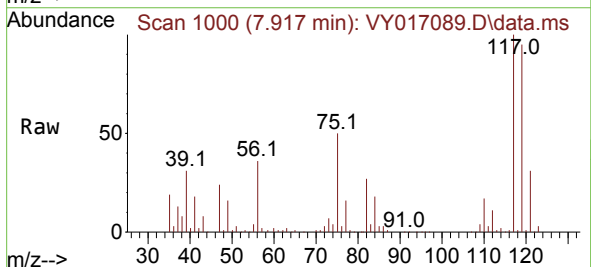
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

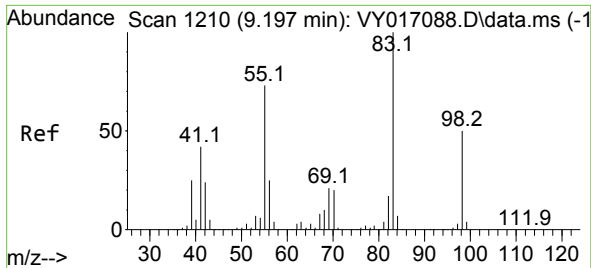
Tgt Ion: 43 Resp: 103689
Ion Ratio Lower Upper
43 100
61 14.6 11.0 16.6
70 10.1 8.1 12.1



#38
Carbon Tetrachloride
Concen: 97.477 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

Tgt Ion: 117 Resp: 234242
Ion Ratio Lower Upper
117 100
119 95.3 76.0 114.0
121 30.8 24.2 36.2

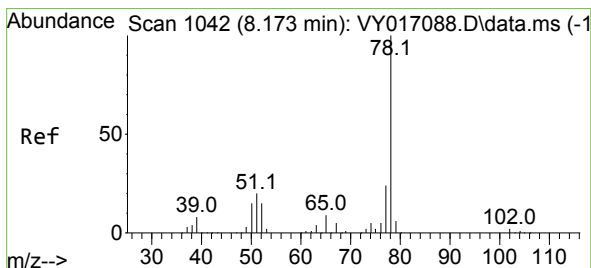
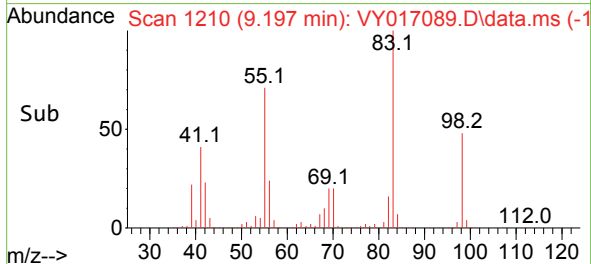
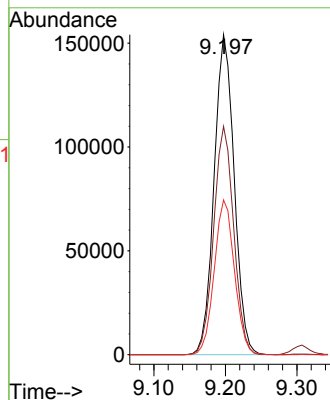
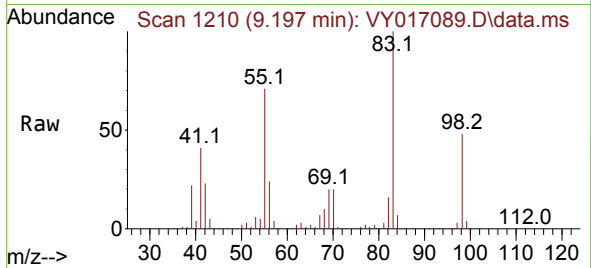




#39
Methylcyclohexane
Concen: 101.871 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

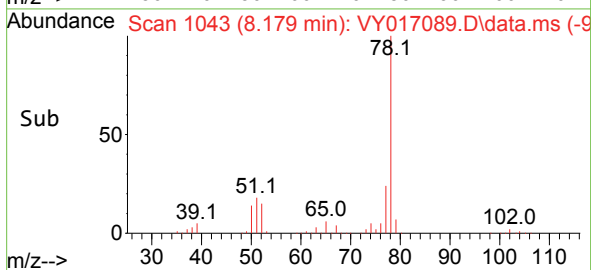
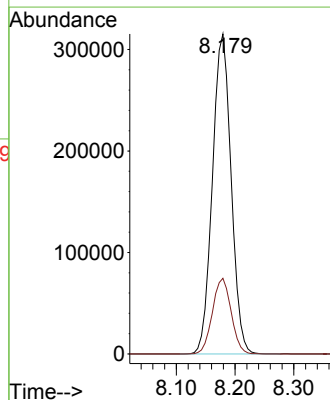
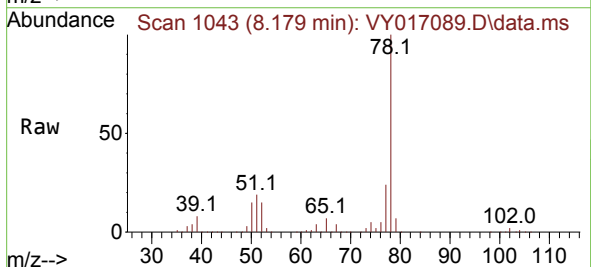
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

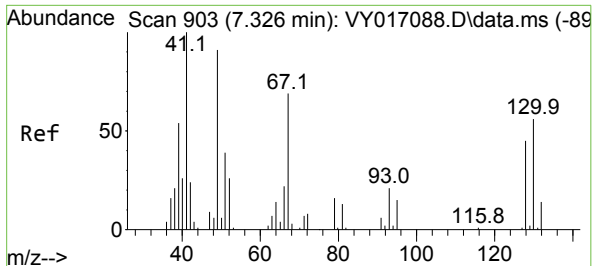
Tgt Ion: 83 Resp: 300456
Ion Ratio Lower Upper
83 100
55 71.4 59.7 89.5
98 48.4 38.0 57.0



#40
Benzene
Concen: 97.724 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

Tgt Ion: 78 Resp: 695935
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2



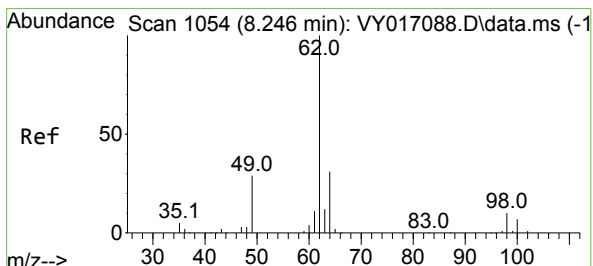
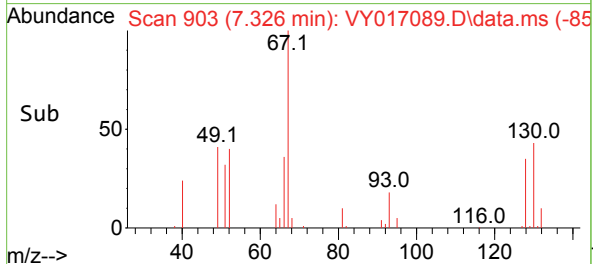
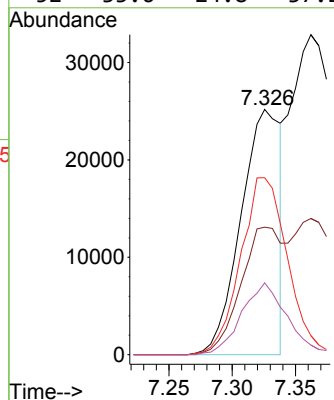
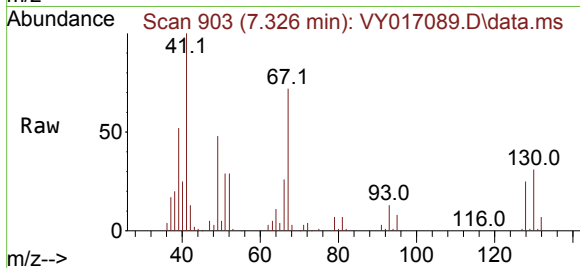


#41
Methacrylonitrile
Concen: 97.620 ug/l
RT: 7.326 min Scan# 903
Delta R.T. 0.007 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 55050

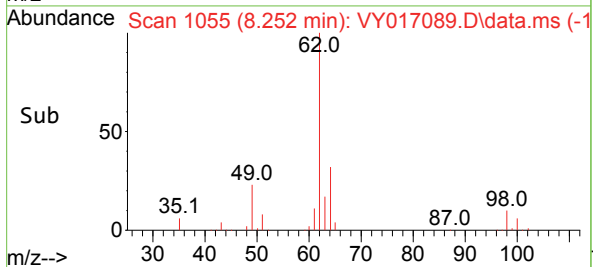
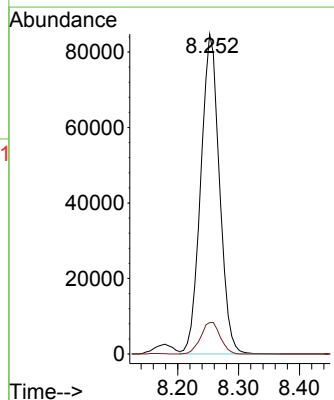
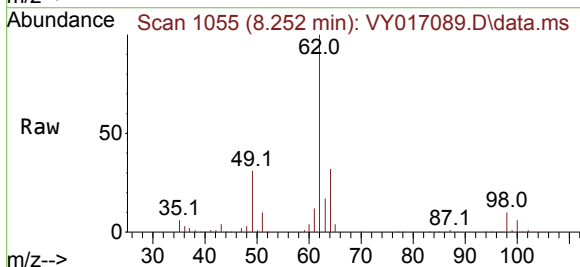
Ion	Ratio	Lower	Upper
41	100		
39	59.2	41.9	62.9
67	85.2	59.8	89.6
52	33.6	24.8	37.2

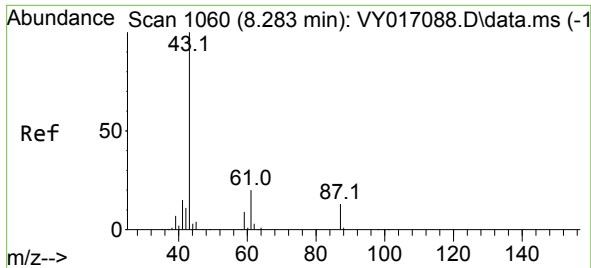


#42
1,2-Dichloroethane
Concen: 98.056 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

Tgt Ion: 62 Resp: 181038

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2

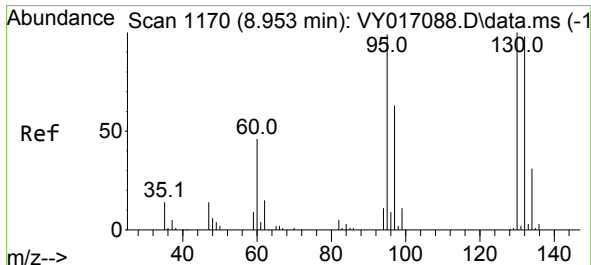
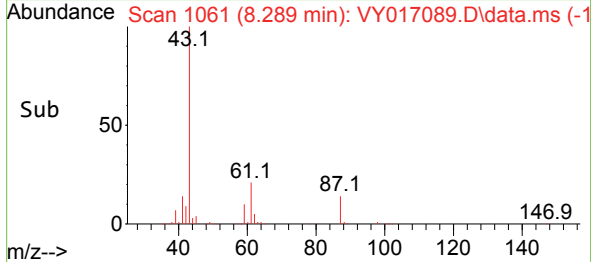
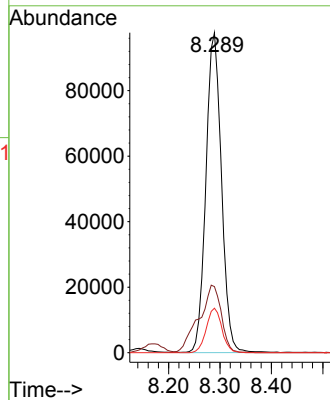
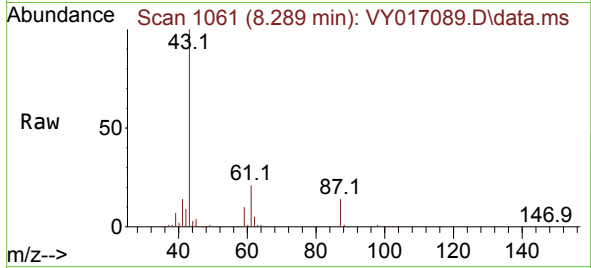




#43
Isopropyl Acetate
Concen: 103.936 ug/l
RT: 8.289 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

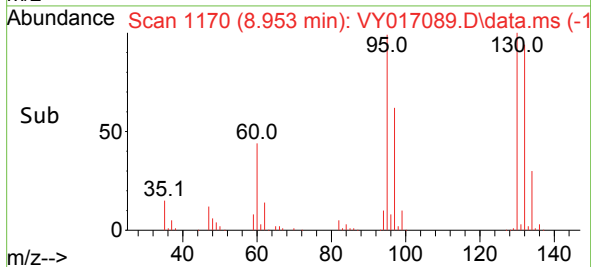
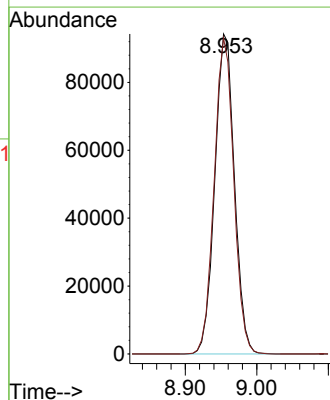
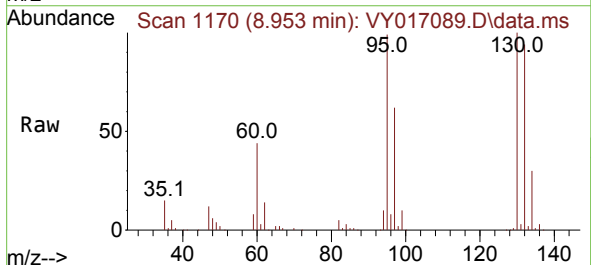
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

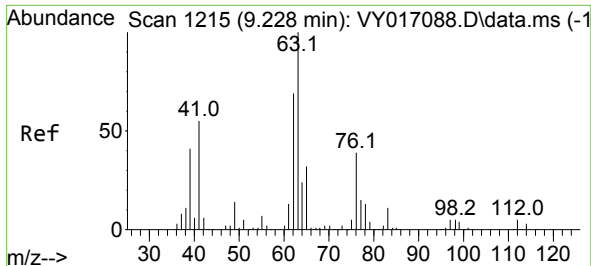
Tgt Ion: 43 Resp: 204589
Ion Ratio Lower Upper
43 100
61 30.3 24.8 37.2
87 14.0 10.7 16.1



#44
Trichloroethene
Concen: 98.475 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

Tgt Ion:130 Resp: 179866
Ion Ratio Lower Upper
130 100
95 98.7 0.0 203.8

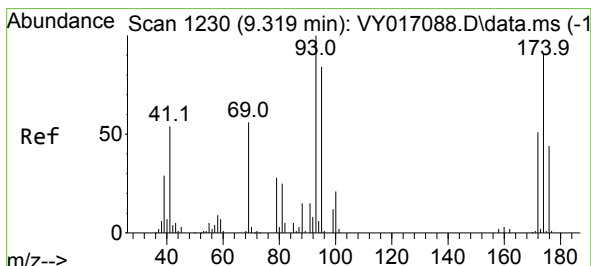
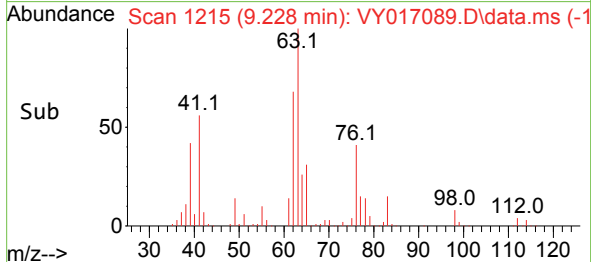
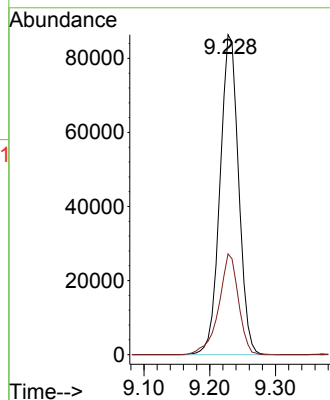
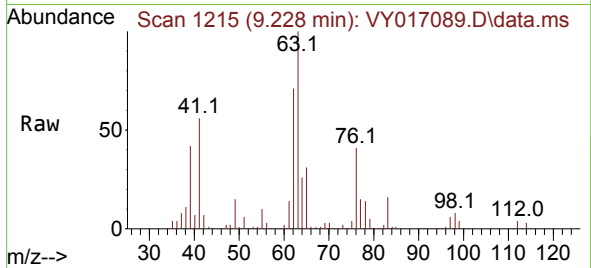




#45
1,2-Dichloropropane
Concen: 97.189 ug/l
RT: 9.228 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

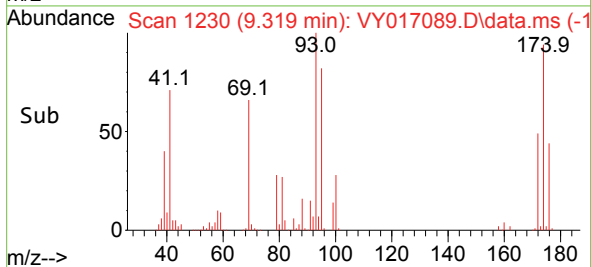
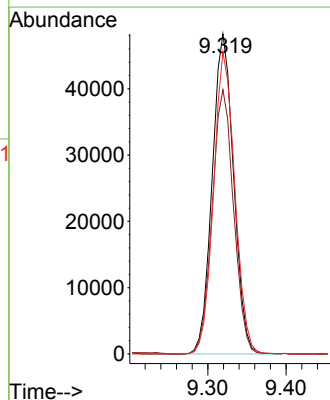
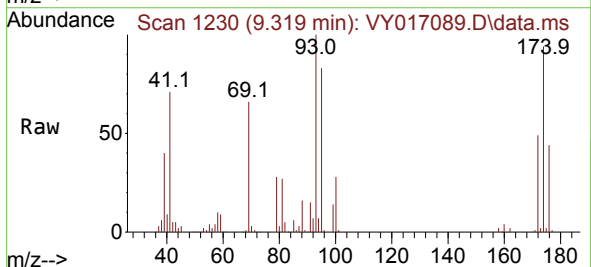
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

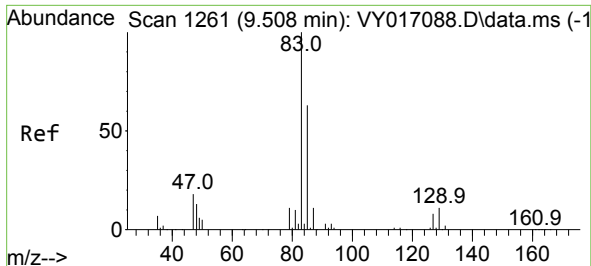
Tgt Ion: 63 Resp: 169879
Ion Ratio Lower Upper
63 100
65 31.5 24.6 36.8



#46
Dibromomethane
Concen: 98.689 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

Tgt Ion: 93 Resp: 91611
Ion Ratio Lower Upper
93 100
95 82.8 66.6 99.8
174 93.7 73.8 110.6

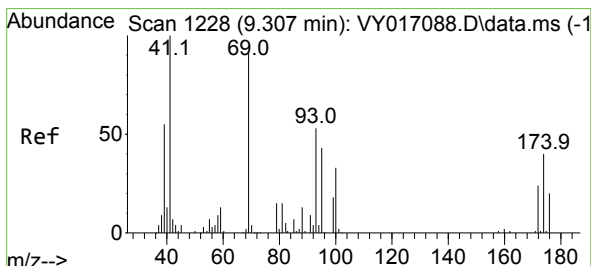
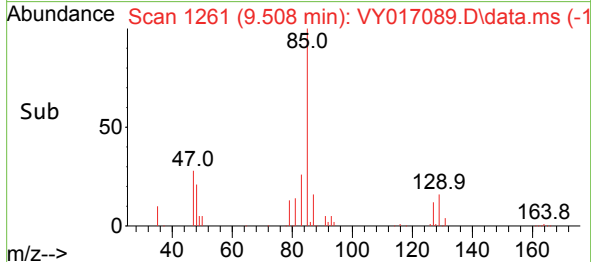
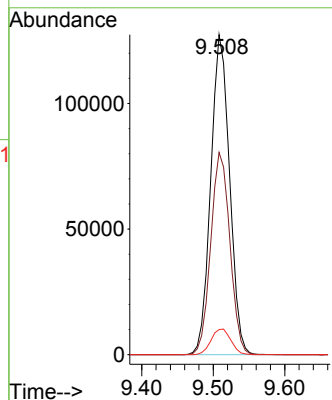
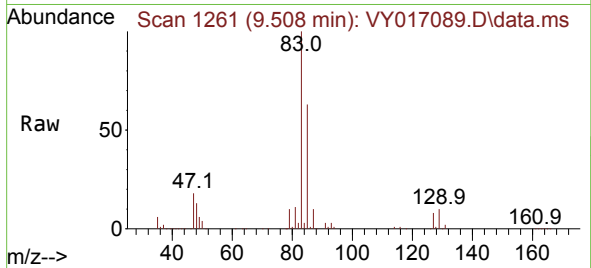




#47
Bromodichloromethane
Concen: 98.388 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

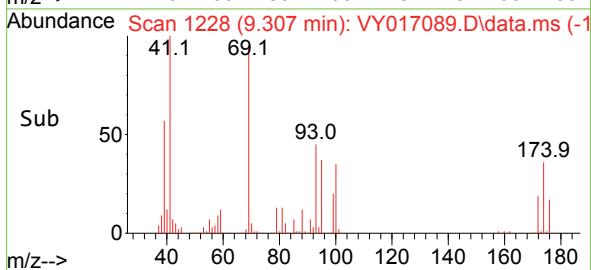
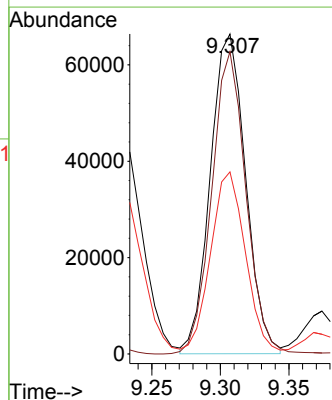
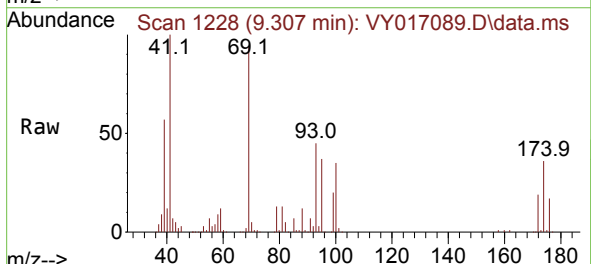
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

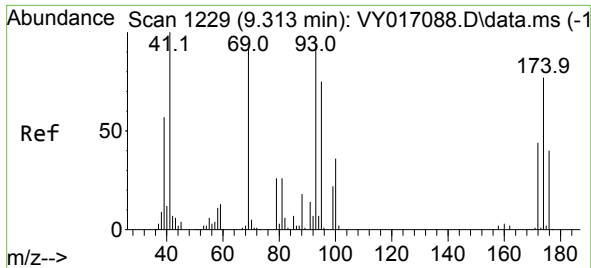
Tgt Ion: 83 Resp: 232354
Ion Ratio Lower Upper
83 100
85 63.2 53.2 79.8
127 7.9 6.4 9.6



#48
Methyl methacrylate
Concen: 108.871 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

Tgt Ion: 41 Resp: 118987
Ion Ratio Lower Upper
41 100
69 91.9 72.1 108.1
39 54.0 42.8 64.2

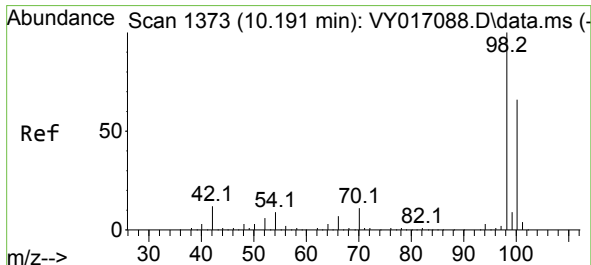
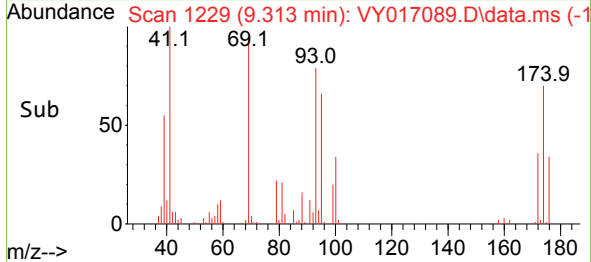
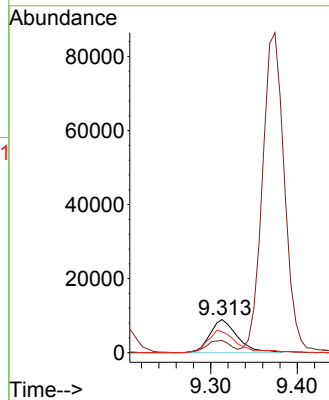
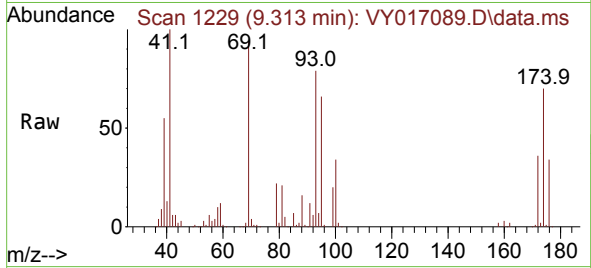




#49
1,4-Dioxane
Concen: 2155.026 ug/l
RT: 9.313 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

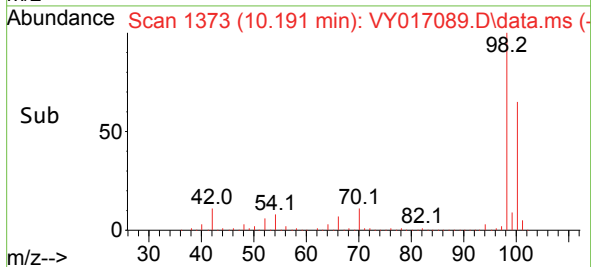
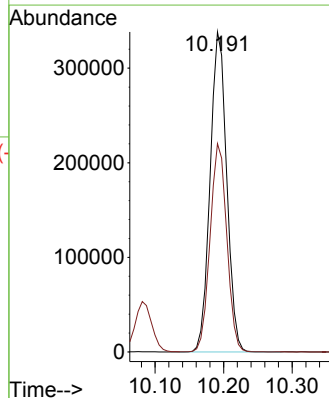
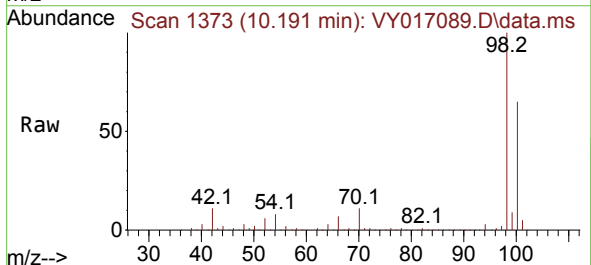
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

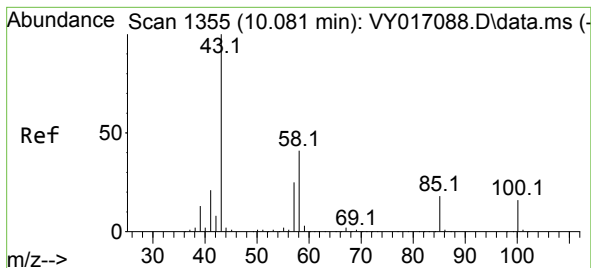
Tgt Ion: 88 Resp: 19675
Ion Ratio Lower Upper
88 100
43 33.2 28.2 42.4
58 66.4 52.2 78.2



#50
Toluene-d8
Concen: 100.955 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.000 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

Tgt Ion: 98 Resp: 568301
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5

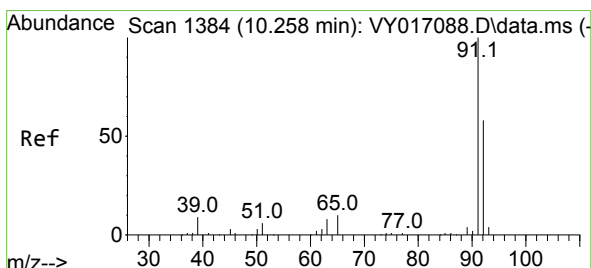
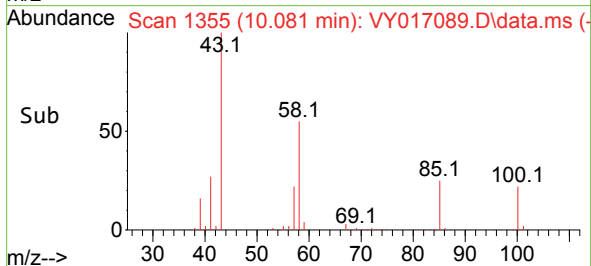
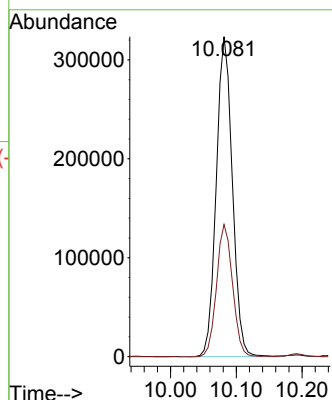
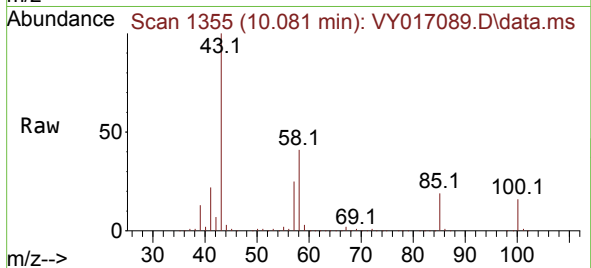




#51
4-Methyl-2-Pentanone
Concen: 526.251 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

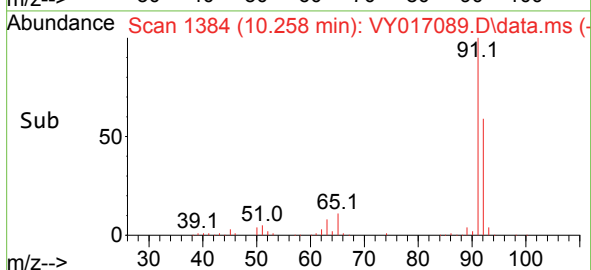
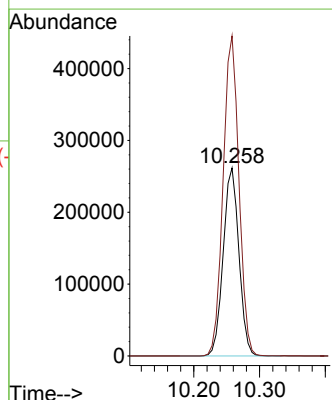
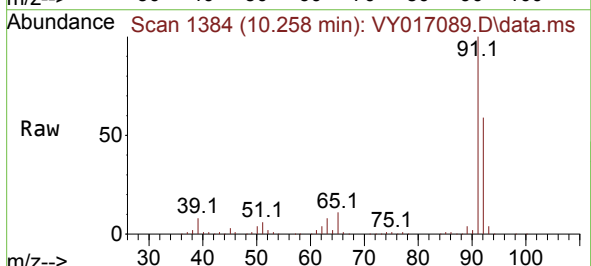
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

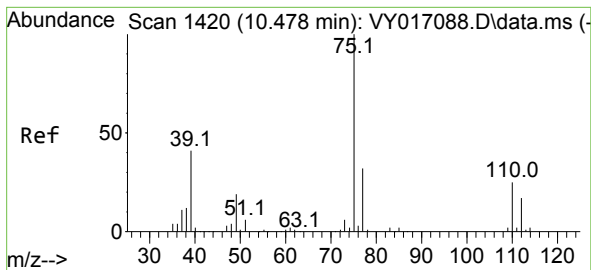
Tgt Ion: 43 Resp: 551033
Ion Ratio Lower Upper
43 100
58 41.1 32.2 48.2



#52
Toluene
Concen: 100.840 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

Tgt Ion: 92 Resp: 434655
Ion Ratio Lower Upper
92 100
91 171.4 137.6 206.4

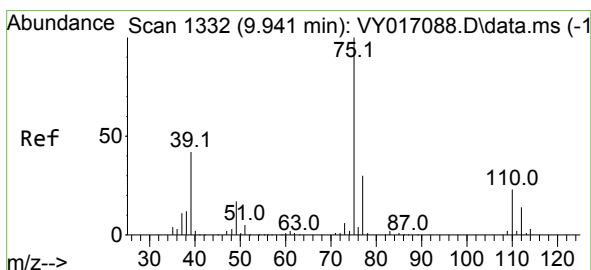
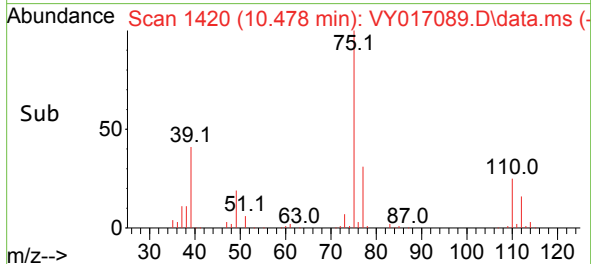
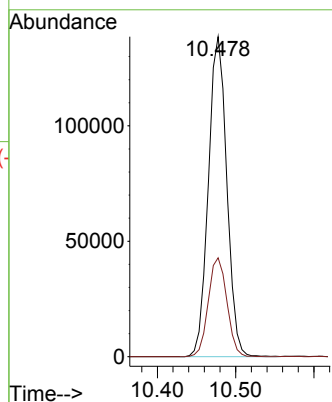
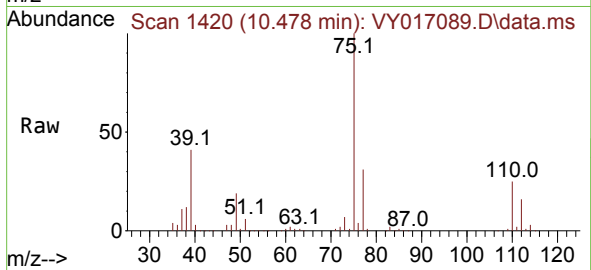




#53
t-1,3-Dichloropropene
Concen: 104.963 ug/l
RT: 10.478 min Scan# 1420
Delta R.T. 0.007 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

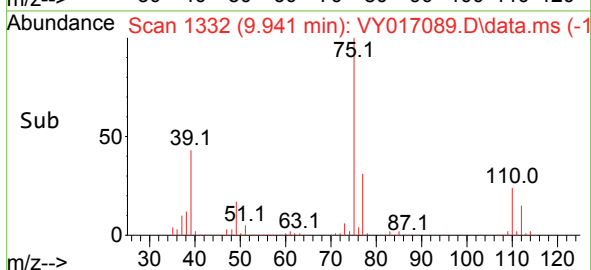
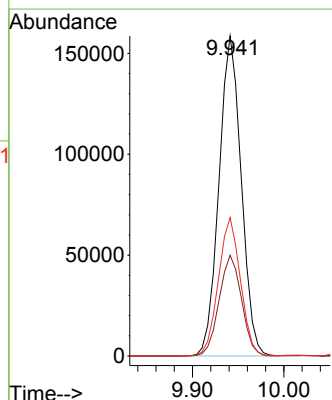
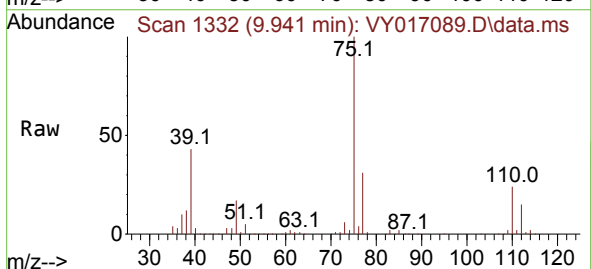
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

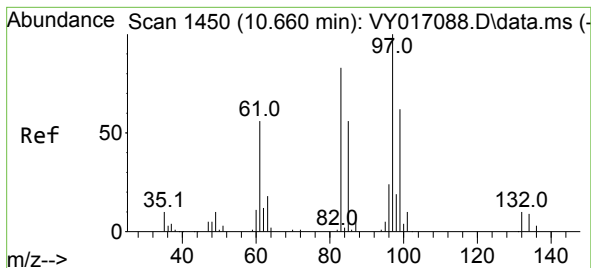
Tgt Ion: 75 Resp: 226445
Ion Ratio Lower Upper
75 100
77 30.9 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 101.286 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

Tgt Ion: 75 Resp: 268751
Ion Ratio Lower Upper
75 100
77 31.4 24.6 36.8
39 43.2 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 99.338 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.000 min

Lab File: VY017089.D

Acq: 24 Jan 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 128882

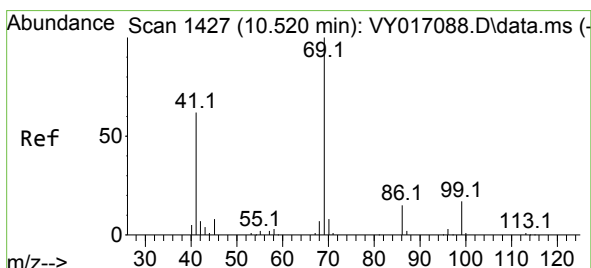
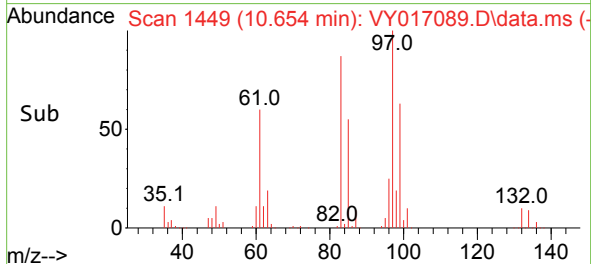
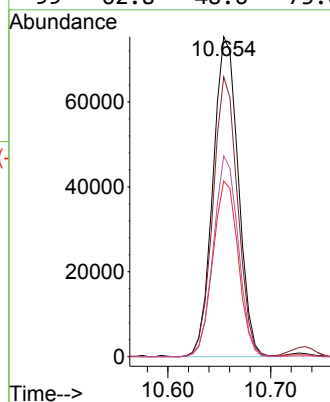
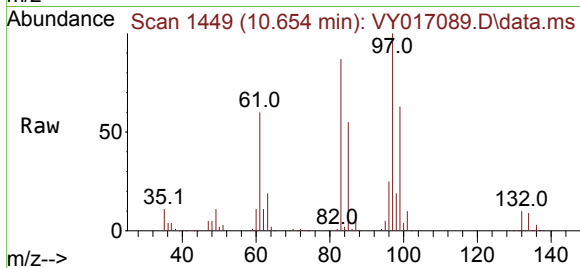
Ion Ratio Lower Upper

97 100

83 87.5 69.4 104.2

85 54.9 43.9 65.9

99 62.8 48.6 73.0



#56

Ethyl methacrylate

Concen: 112.663 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY017089.D

Acq: 24 Jan 2024 12:12

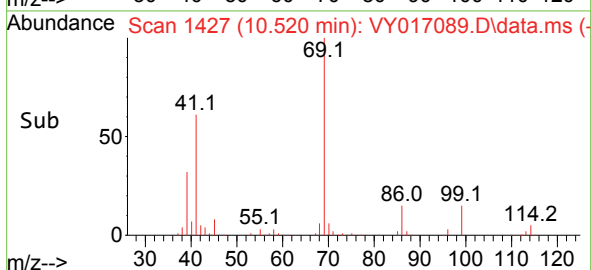
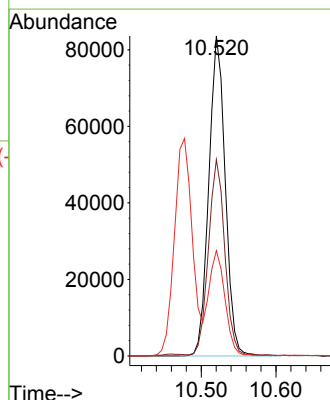
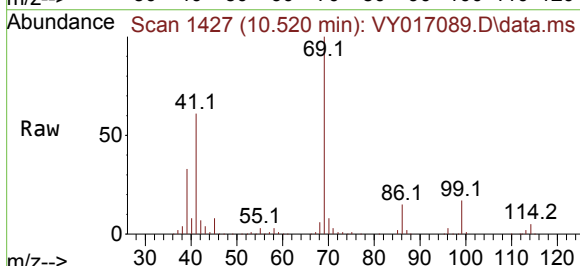
Tgt Ion: 69 Resp: 127822

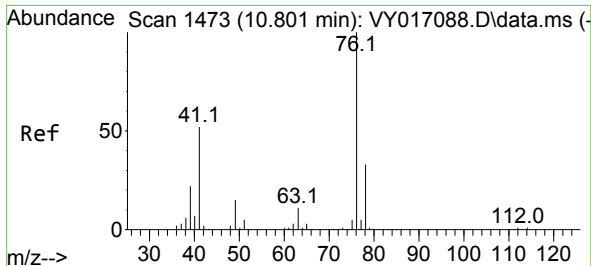
Ion Ratio Lower Upper

69 100

41 61.2 49.2 73.8

39 31.6 26.8 40.2

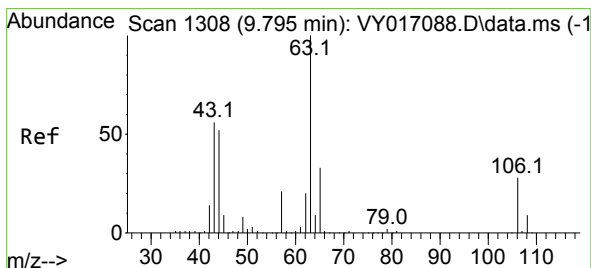
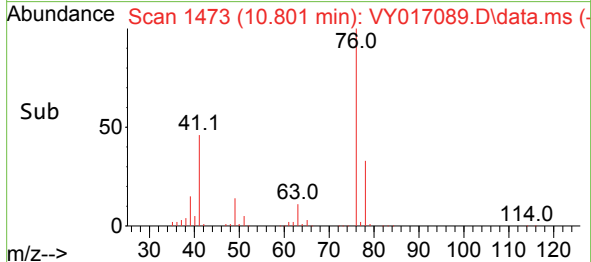
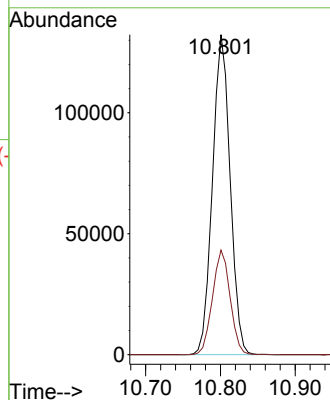
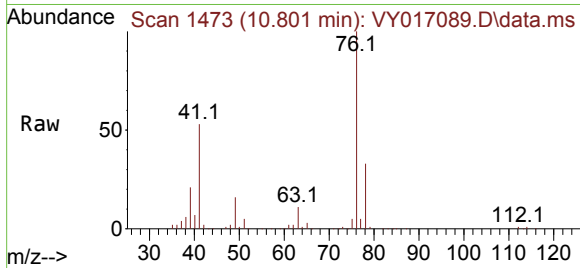




#57
1,3-Dichloropropane
Concen: 98.849 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.001 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

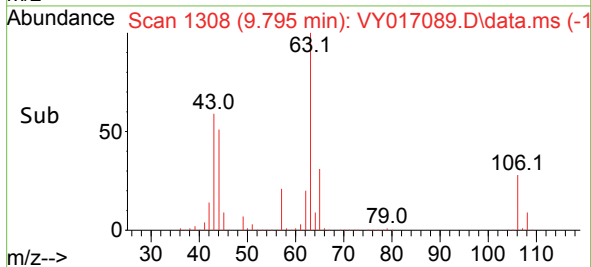
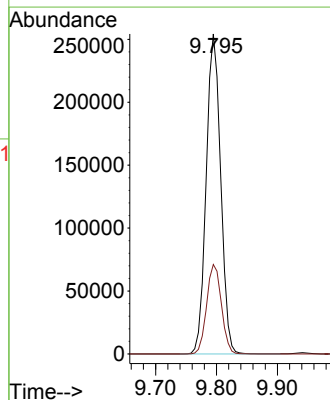
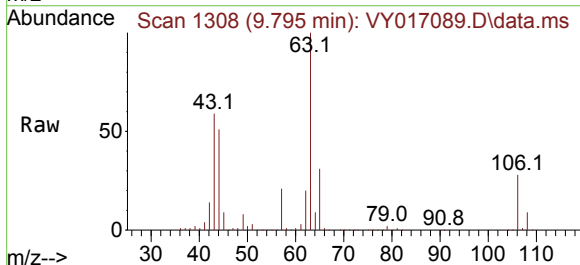
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

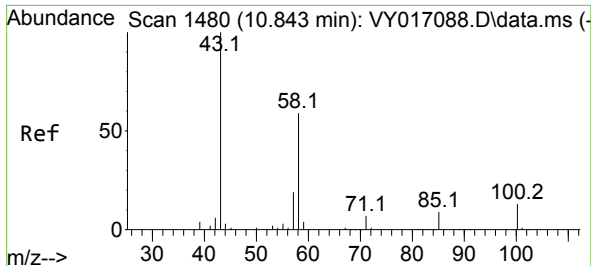
Tgt Ion: 76 Resp: 216826
Ion Ratio Lower Upper
76 100
78 32.6 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 532.361 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.007 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

Tgt Ion: 63 Resp: 419261
Ion Ratio Lower Upper
63 100
106 28.5 22.4 33.6

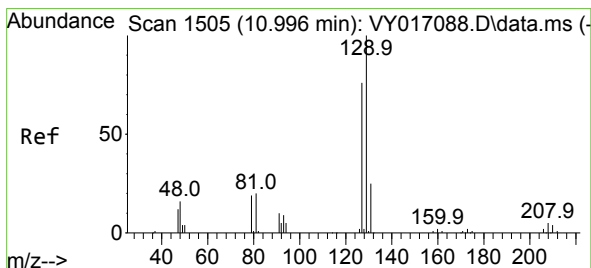
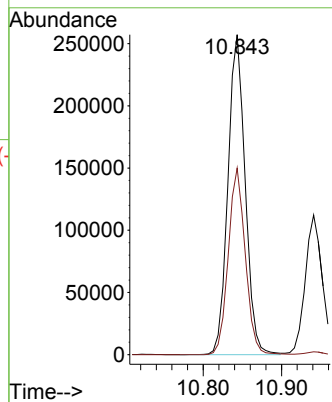
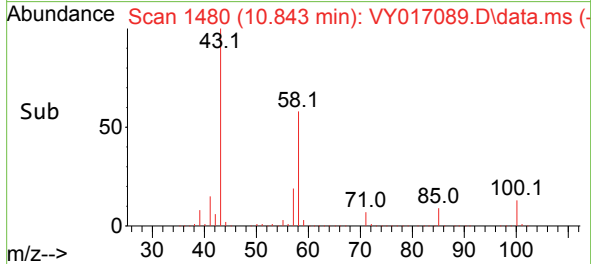
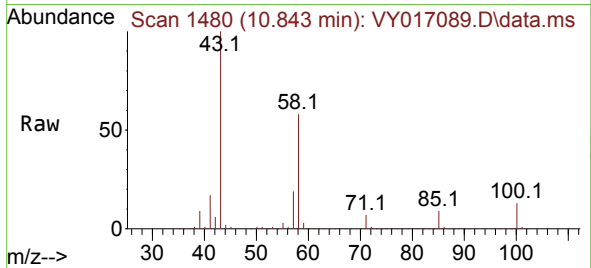




#59
2-Hexanone
Concen: 492.584 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

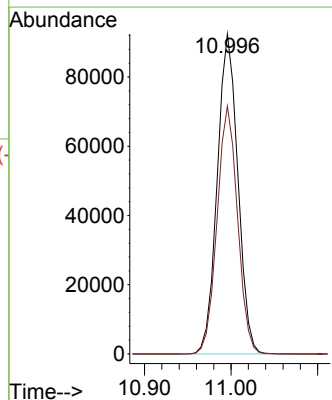
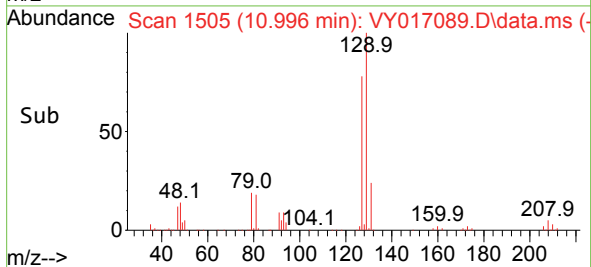
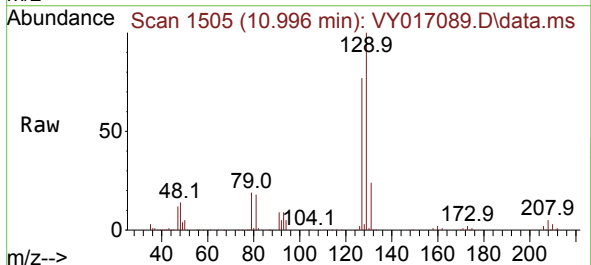
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

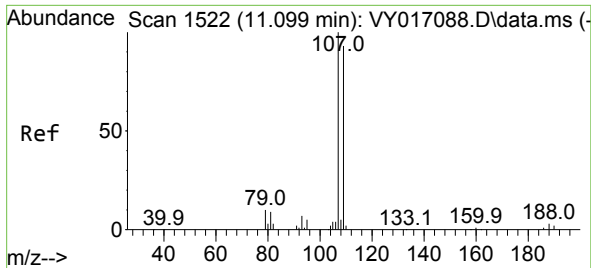
Tgt Ion: 43 Resp: 393494
Ion Ratio Lower Upper
43 100
58 57.5 28.1 84.3



#60
Dibromochloromethane
Concen: 101.258 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

Tgt Ion:129 Resp: 152629
Ion Ratio Lower Upper
129 100
127 76.9 39.2 117.6

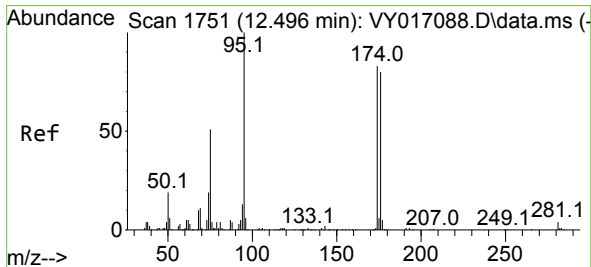
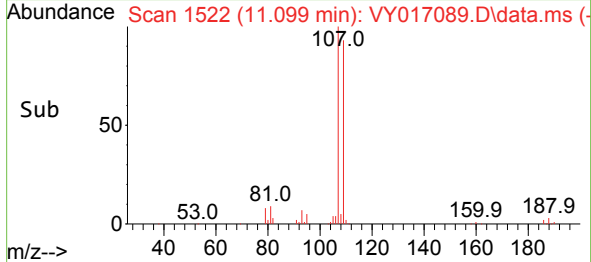
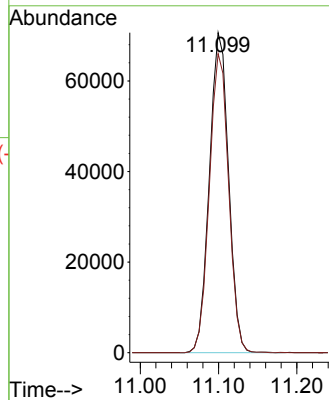
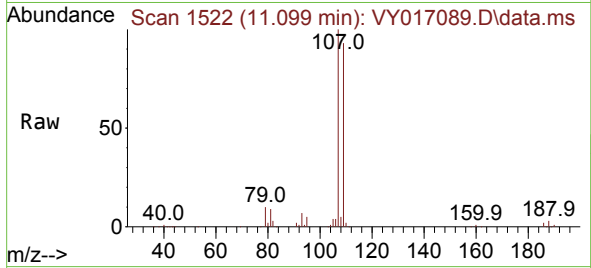




#61
1,2-Dibromoethane
Concen: 101.984 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

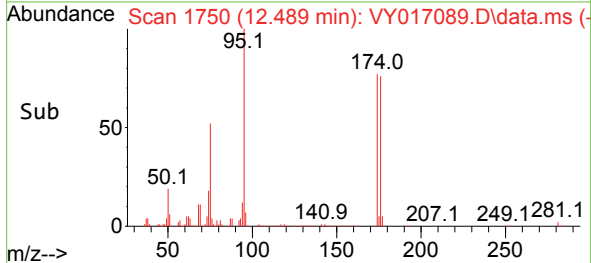
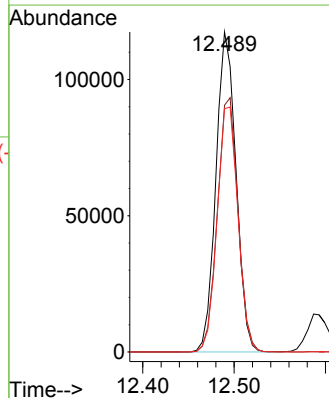
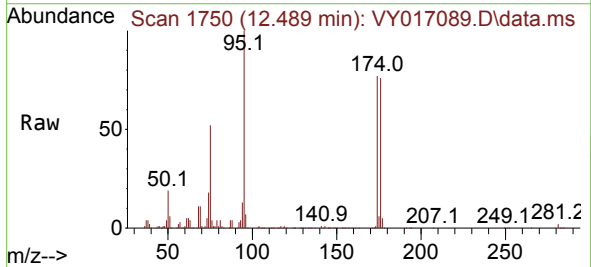
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

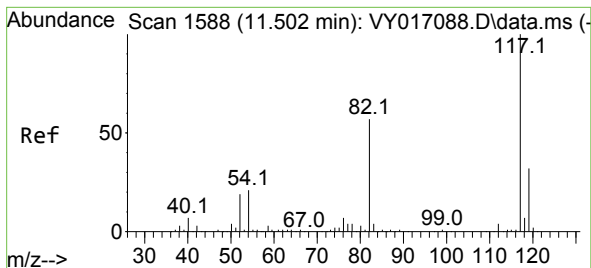
Tgt Ion:107 Resp: 120199
Ion Ratio Lower Upper
107 100
109 93.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 103.421 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

Tgt Ion: 95 Resp: 179344
Ion Ratio Lower Upper
95 100
174 81.9 0.0 160.0
176 79.2 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 117

Delta R.T. -0.000 min

Lab File: VY017089.D

Acq: 24 Jan 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

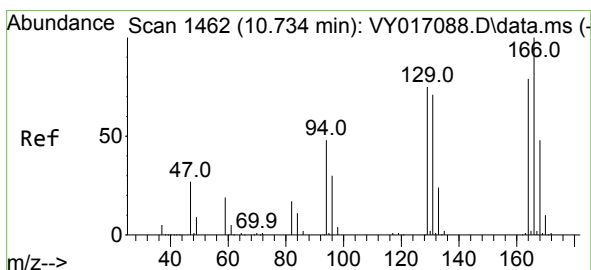
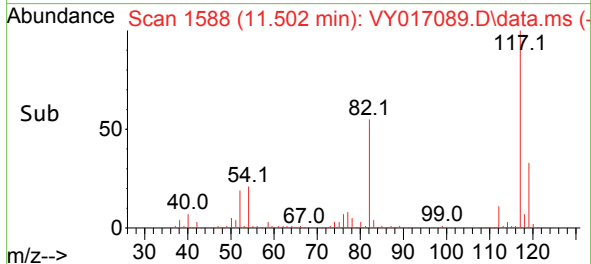
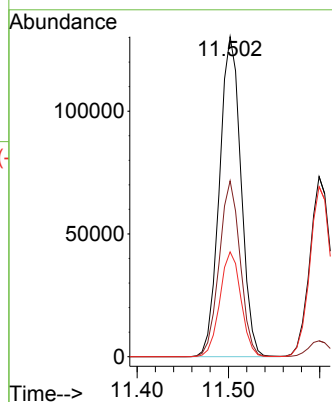
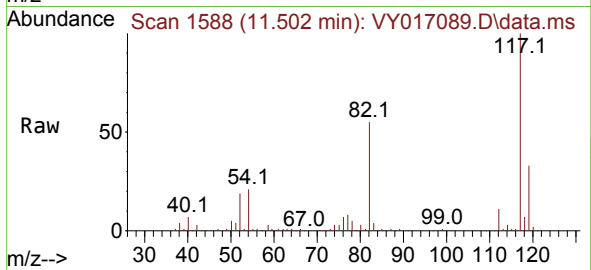
Tgt Ion:117 Resp: 213404

Ion Ratio Lower Upper

117 100

82 55.0 43.8 65.8

119 32.8 26.5 39.7



#64

Tetrachloroethene

Concen: 97.366 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. 0.007 min

Lab File: VY017089.D

Acq: 24 Jan 2024 12:12

Tgt Ion:164 Resp: 144829

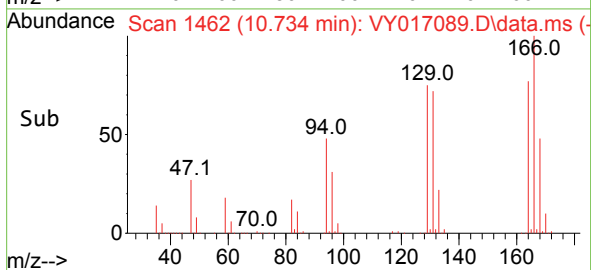
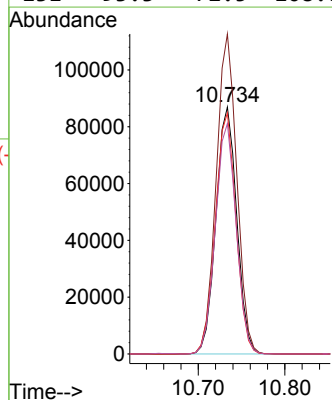
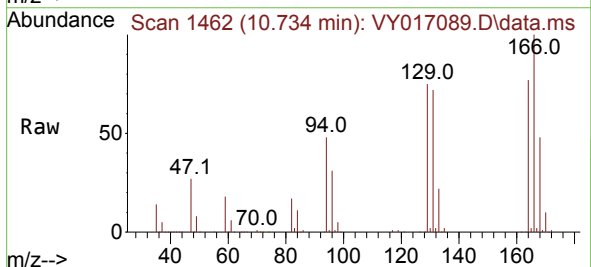
Ion Ratio Lower Upper

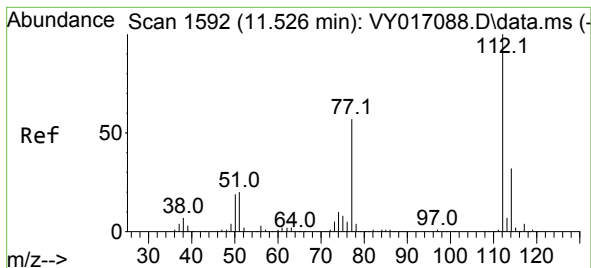
164 100

166 129.6 98.8 148.2

129 97.7 78.9 118.3

131 93.3 72.5 108.7





#65

Chlorobenzene

Concen: 98.409 ug/l

RT: 11.526 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017089.D

Acq: 24 Jan 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :

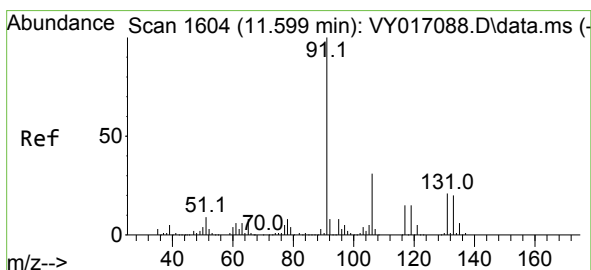
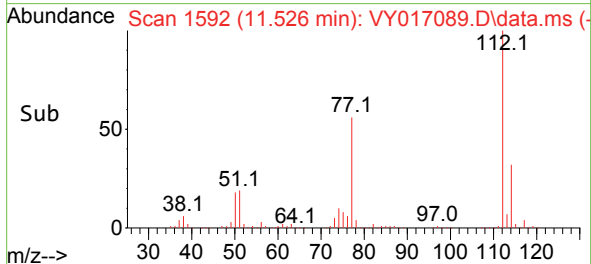
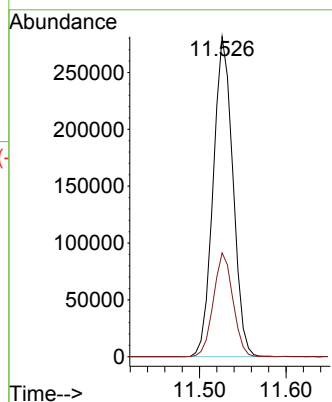
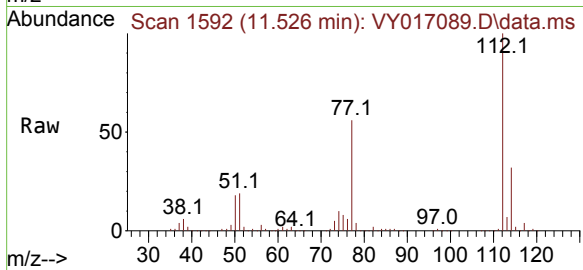
VSTDIC100

Tgt Ion:112 Resp: 445034

Ion Ratio Lower Upper

112 100

114 32.4 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 100.959 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017089.D

Acq: 24 Jan 2024 12:12

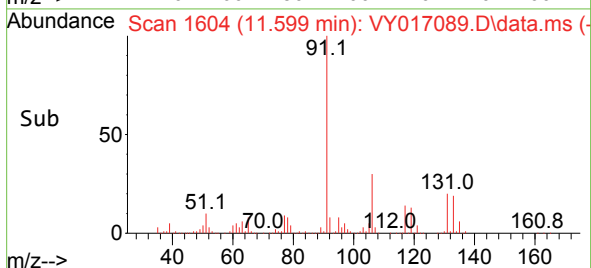
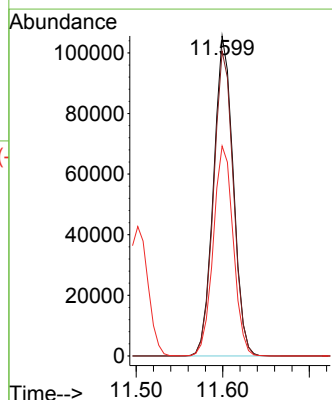
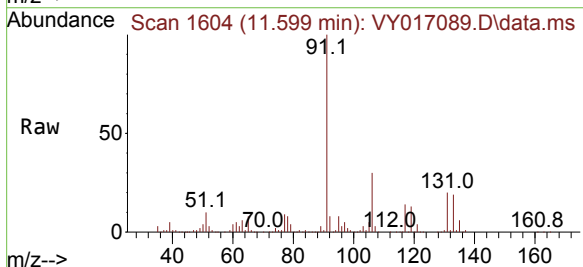
Tgt Ion:131 Resp: 166770

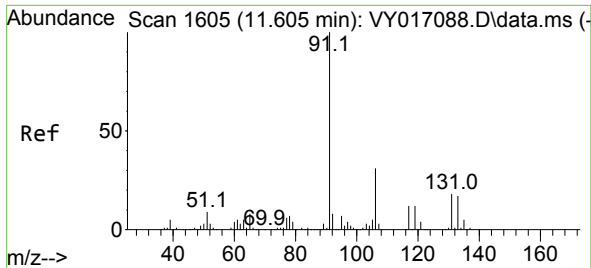
Ion Ratio Lower Upper

131 100

133 95.7 47.0 141.0

119 66.5 33.3 99.9

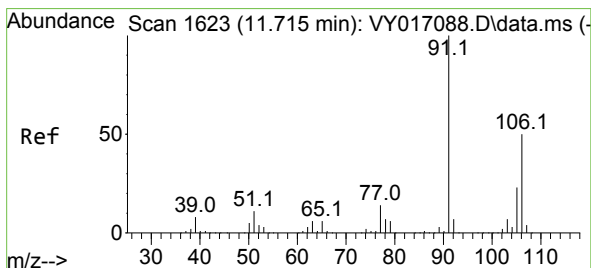
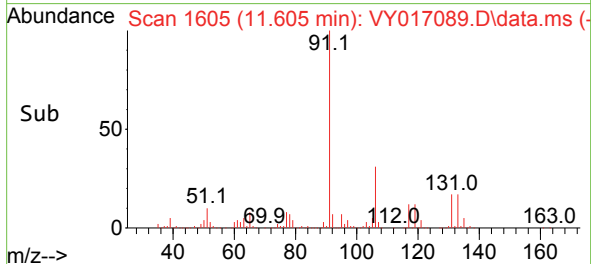
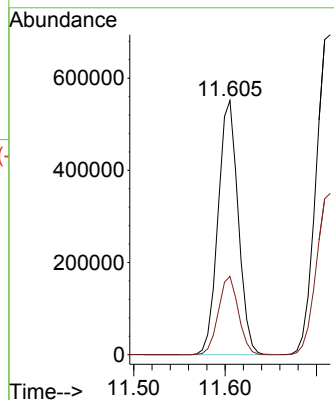
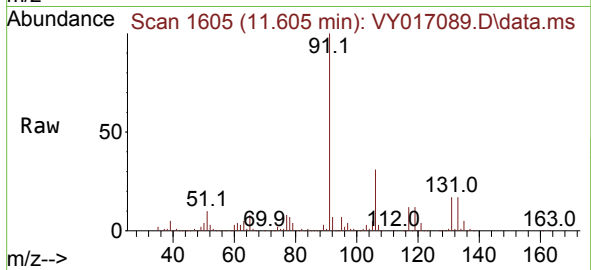




#67
Ethyl Benzene
Concen: 102.646 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

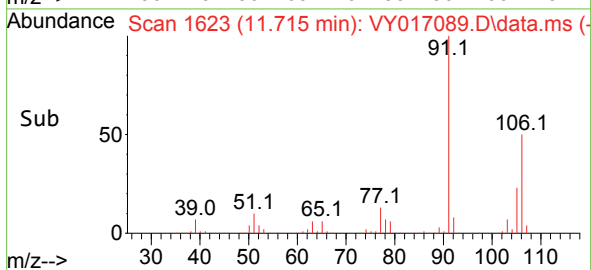
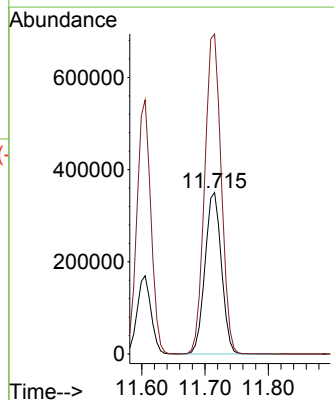
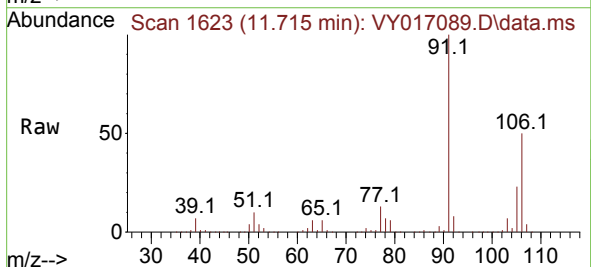
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

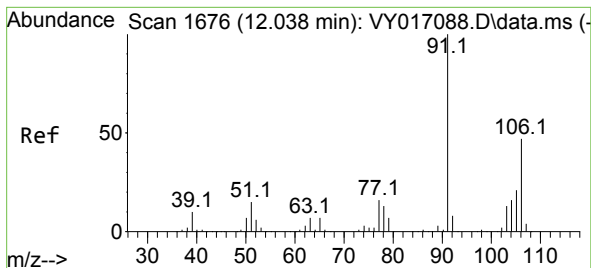
Tgt Ion: 91 Resp: 843870
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.4



#68
m/p-Xylenes
Concen: 204.681 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.006 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

Tgt Ion: 106 Resp: 632225
Ion Ratio Lower Upper
106 100
91 199.7 160.7 241.1





#69

o-Xylene

Concen: 104.105 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017089.D

Acq: 24 Jan 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :

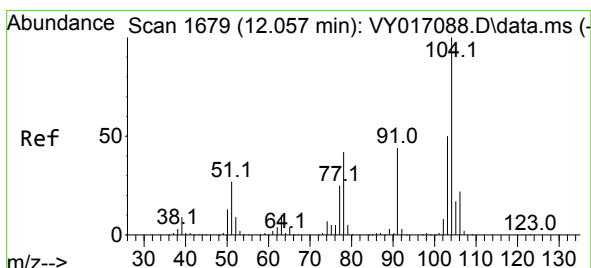
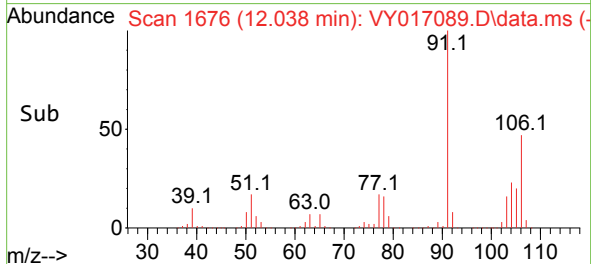
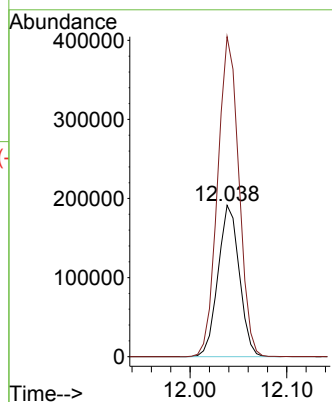
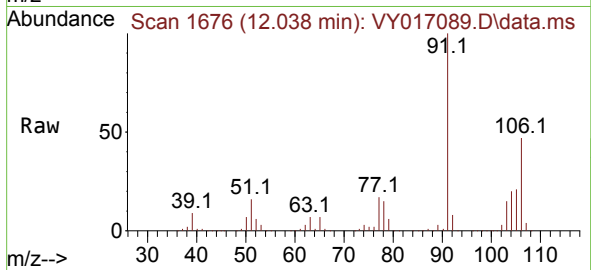
VSTDICC100

Tgt Ion:106 Resp: 292098

Ion Ratio Lower Upper

106 100

91 211.4 106.5 319.5



#70

Styrene

Concen: 106.384 ug/l

RT: 12.057 min Scan# 1679

Delta R.T. 0.007 min

Lab File: VY017089.D

Acq: 24 Jan 2024 12:12

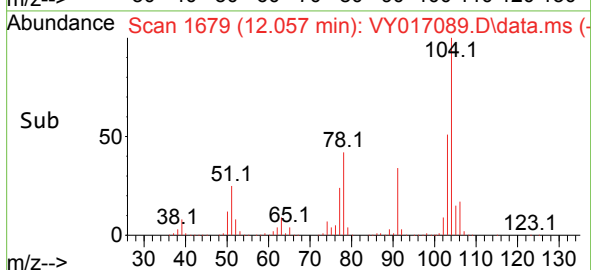
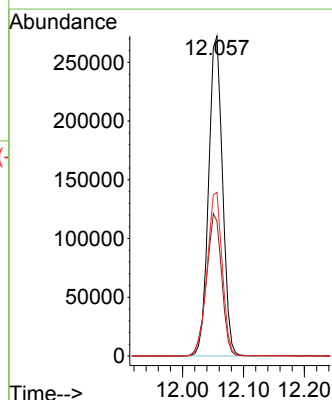
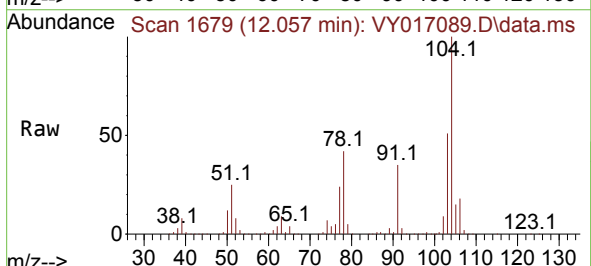
Tgt Ion:104 Resp: 433332

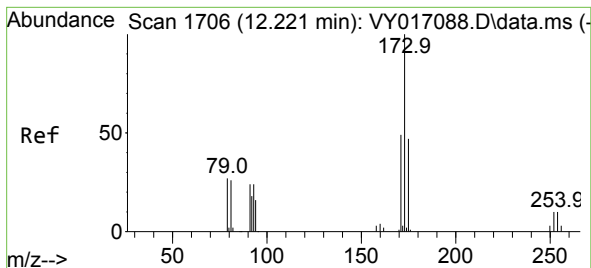
Ion Ratio Lower Upper

104 100

78 48.6 39.2 58.8

103 55.6 43.8 65.6





#71

Bromoform

Concen: 104.724 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017089.D

Acq: 24 Jan 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

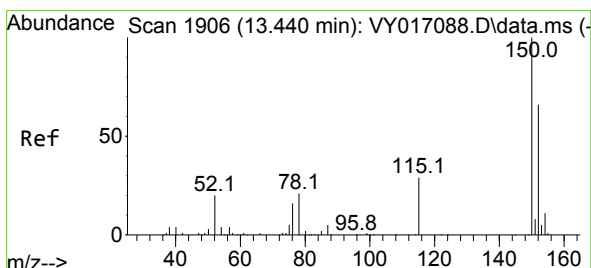
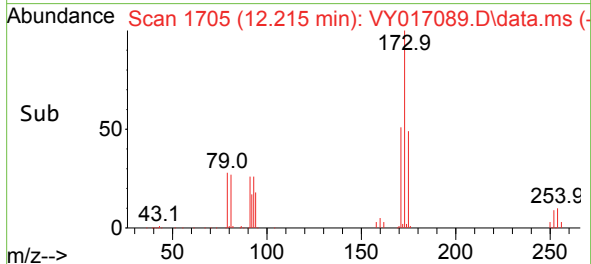
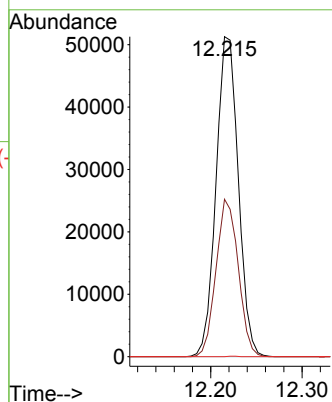
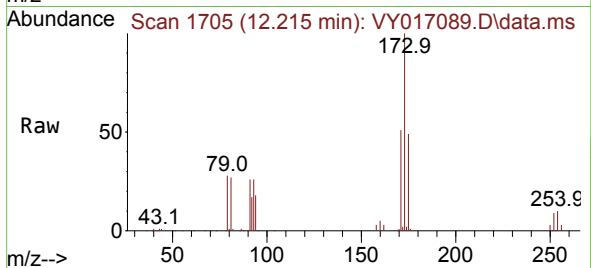
Tgt Ion:173 Resp: 86743

Ion Ratio Lower Upper

173 100

175 49.1 23.5 70.6

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017089.D

Acq: 24 Jan 2024 12:12

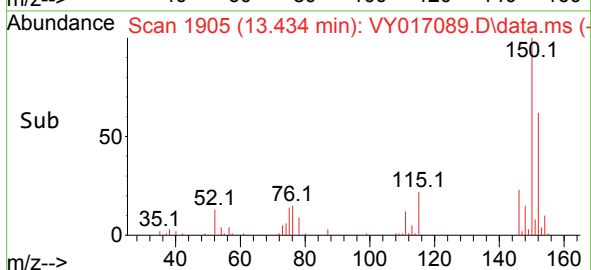
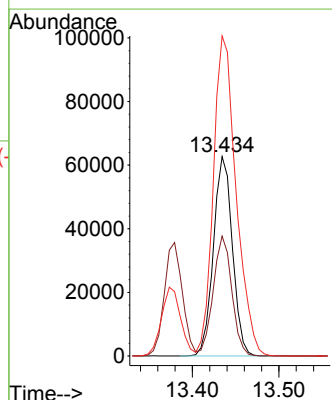
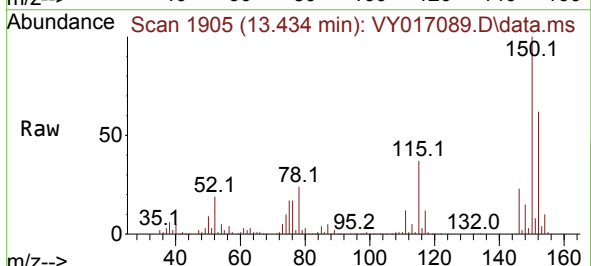
Tgt Ion:152 Resp: 95503

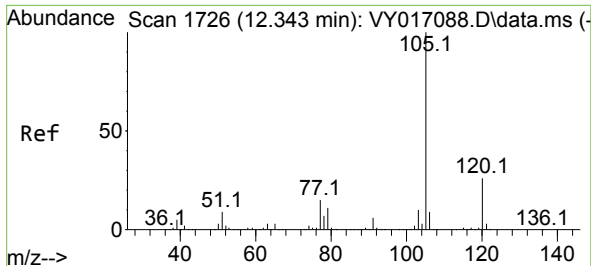
Ion Ratio Lower Upper

152 100

115 59.1 30.0 90.0

150 192.2 0.0 344.6

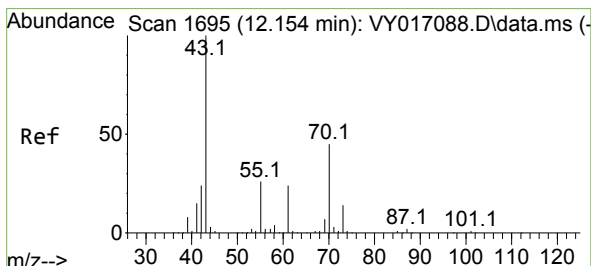
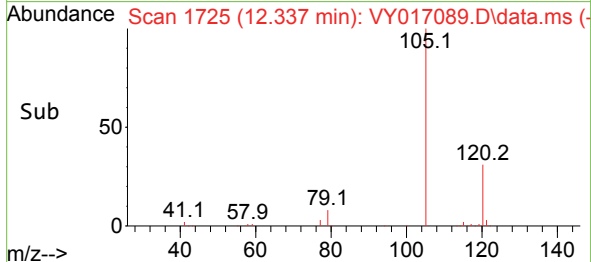
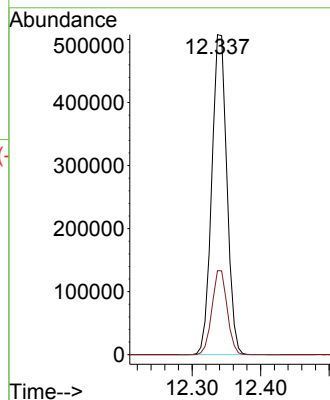
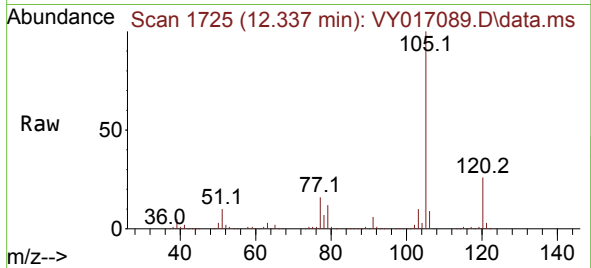




#73
Isopropylbenzene
Concen: 99.396 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. -0.000 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

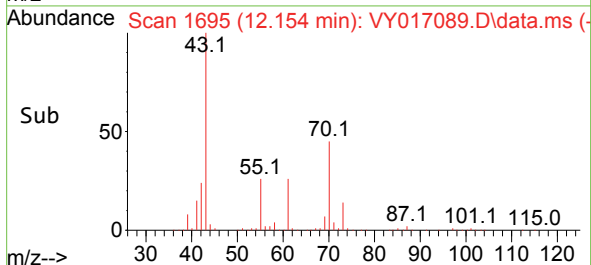
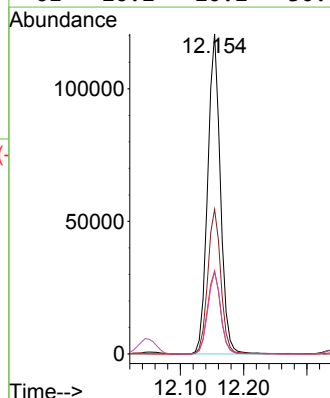
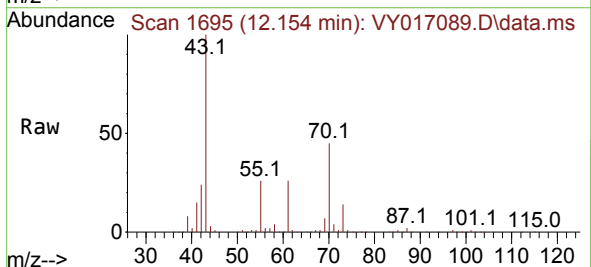
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

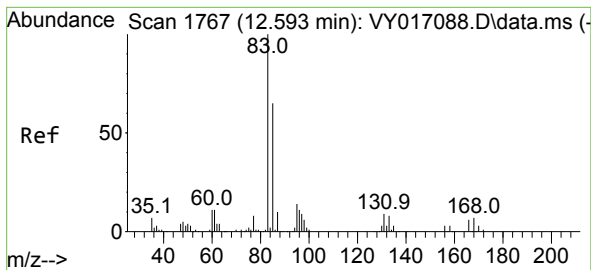
Tgt Ion:105 Resp: 780370
Ion Ratio Lower Upper
105 100
120 26.4 13.0 39.0



#74
N-ethyl acetate
Concen: 106.827 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

Tgt Ion: 43 Resp: 169055
Ion Ratio Lower Upper
43 100
70 46.3 36.6 55.0
55 26.9 22.2 33.4
61 26.2 20.2 30.4

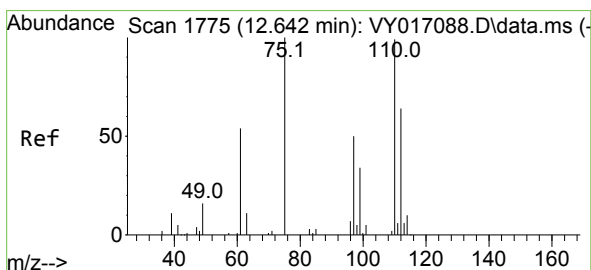
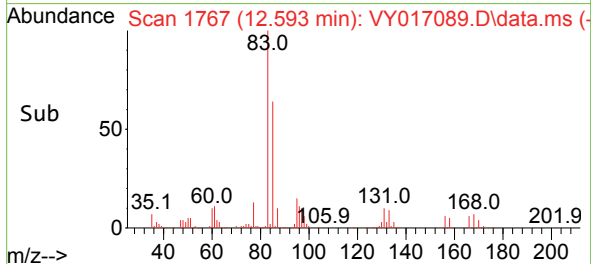
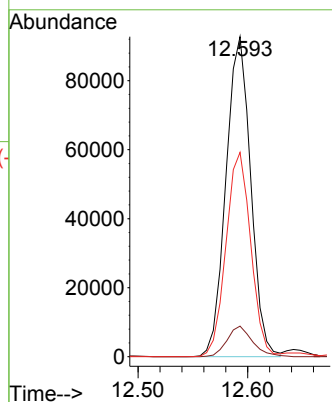
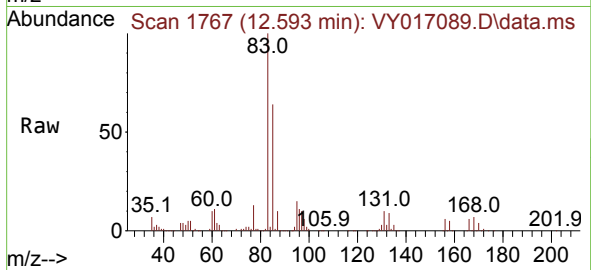




#75
1,1,2,2-Tetrachloroethane
Concen: 97.275 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

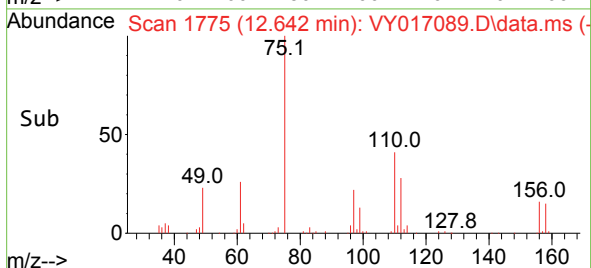
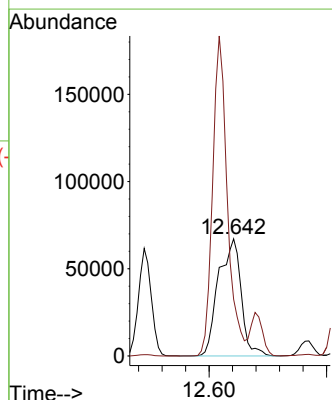
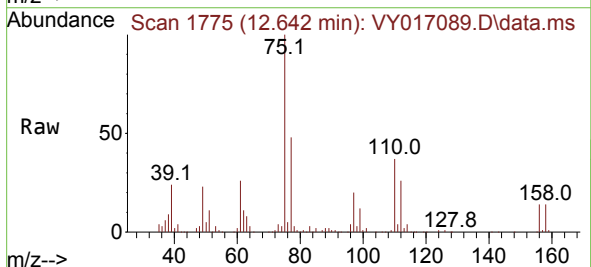
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

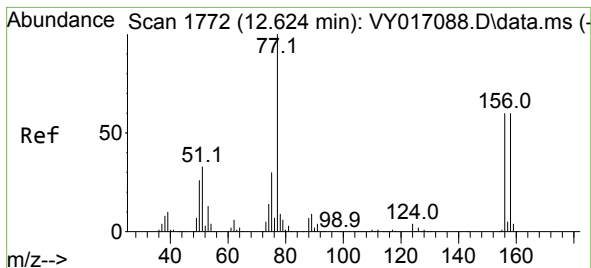
Tgt Ion: 83 Resp: 145630
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.6
85 63.9 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 99.625 ug/l
RT: 12.642 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

Tgt Ion: 75 Resp: 179860
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 99.804 ug/l

RT: 12.617 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017089.D

Acq: 24 Jan 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

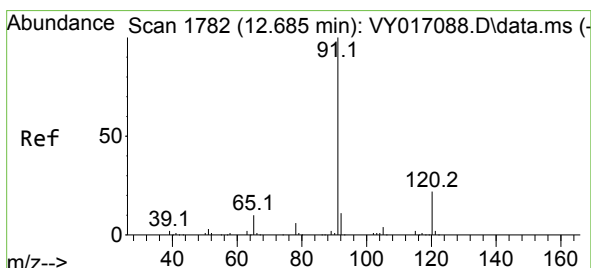
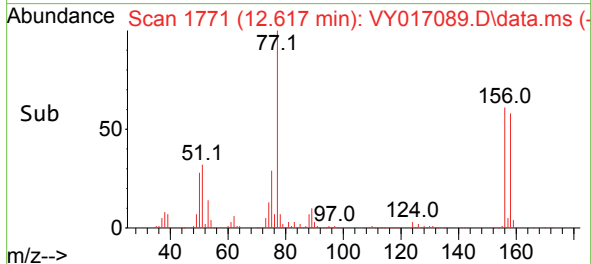
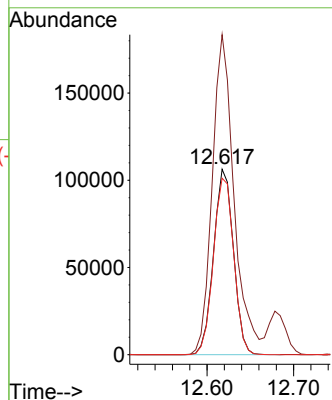
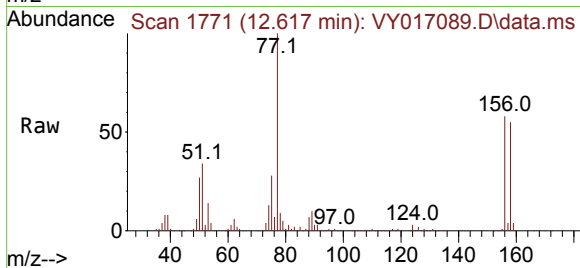
Tgt Ion:156 Resp: 169550

Ion Ratio Lower Upper

156 100

77 188.4 97.3 291.8

158 97.7 48.4 145.0



#78

n-propylbenzene

Concen: 99.946 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017089.D

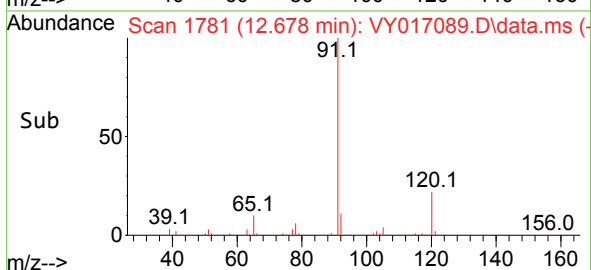
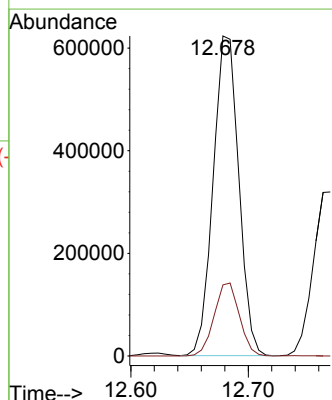
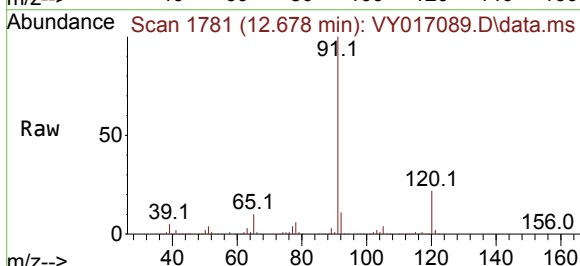
Acq: 24 Jan 2024 12:12

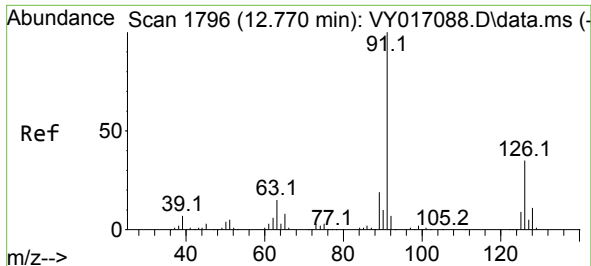
Tgt Ion: 91 Resp: 943801

Ion Ratio Lower Upper

91 100

120 22.5 11.0 33.0

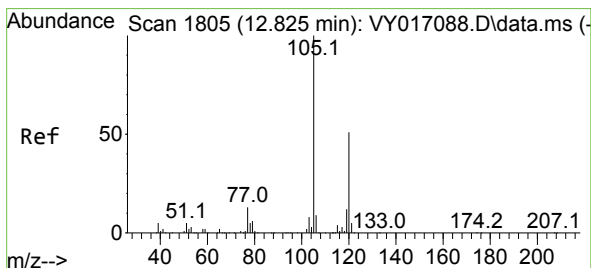
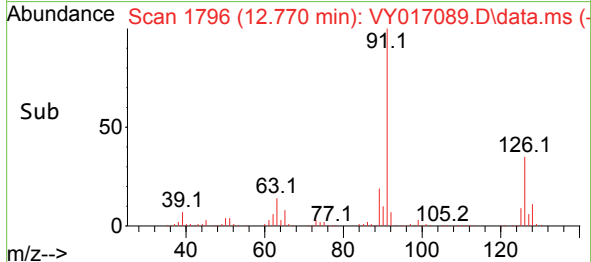
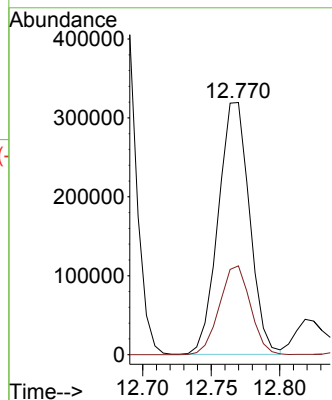
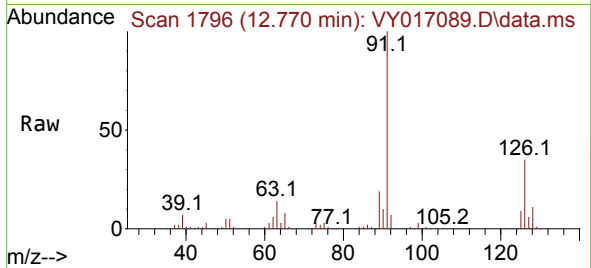




#79
2-Chlorotoluene
Concen: 98.392 ug/l
RT: 12.770 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

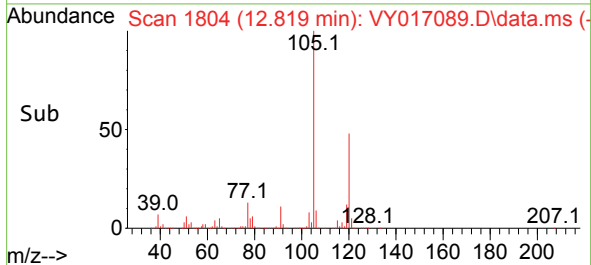
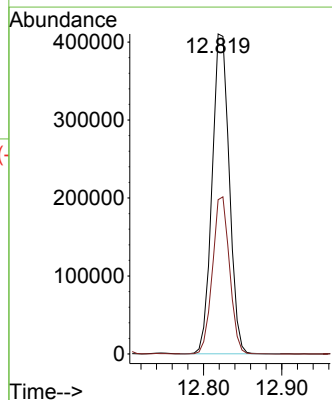
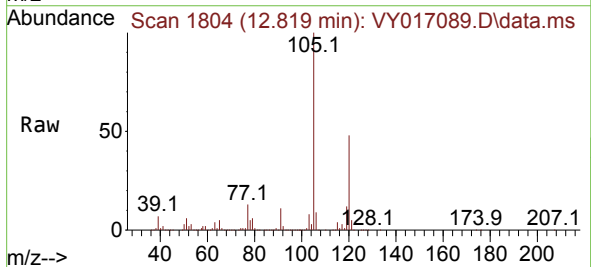
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

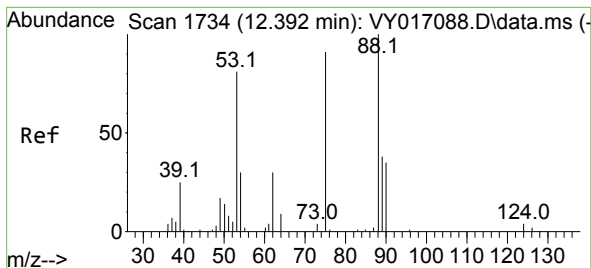
Tgt Ion: 91 Resp: 509860
Ion Ratio Lower Upper
91 100
126 34.7 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 100.411 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.001 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

Tgt Ion: 105 Resp: 623917
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.8

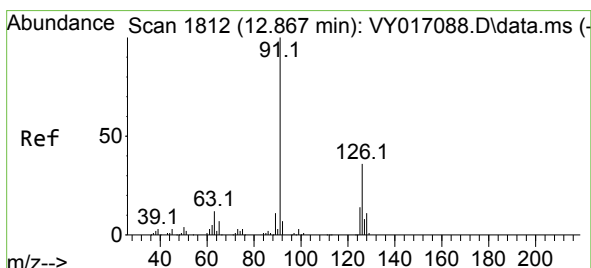
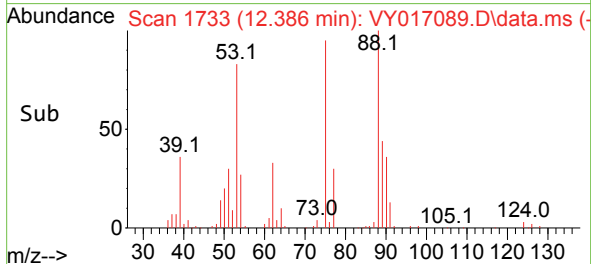
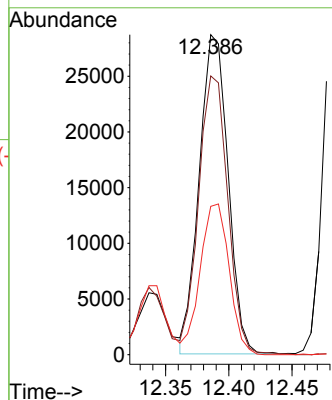
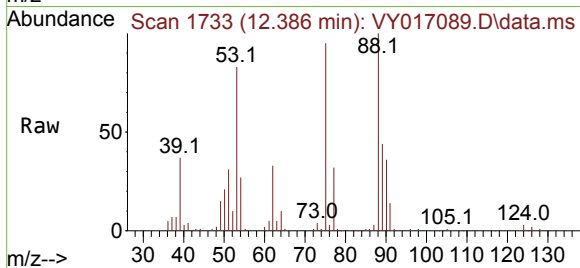




#81
trans-1,4-Dichloro-2-butene
Concen: 101.613 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

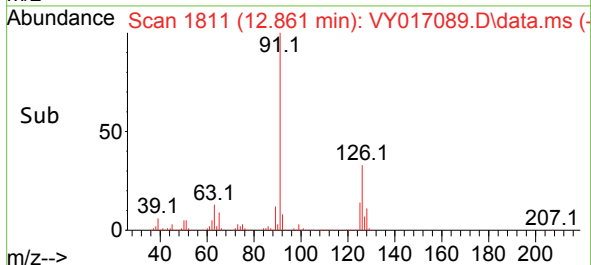
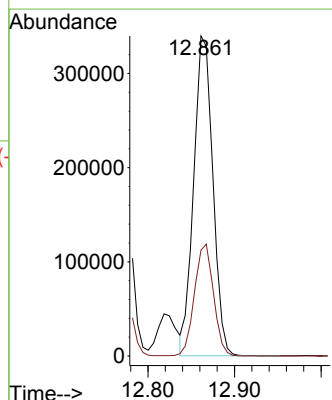
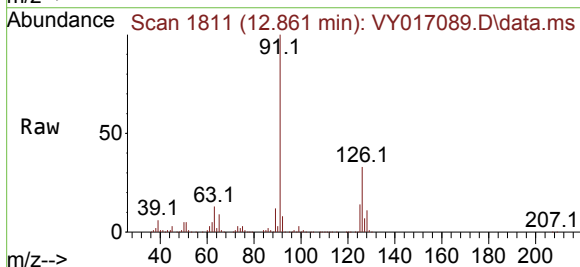
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

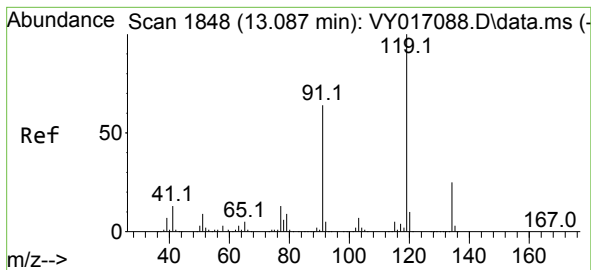
Tgt Ion: 75 Resp: 45499
Ion Ratio Lower Upper
75 100
53 88.6 74.0 111.0
89 47.6 36.5 54.7



#82
4-Chlorotoluene
Concen: 97.232 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017089.D
Acq: 24 Jan 2024 12:12

Tgt Ion: 91 Resp: 522192
Ion Ratio Lower Upper
91 100
126 34.8 17.1 51.2





#83

tert-Butylbenzene

Concen: 102.849 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. -0.006 min

Lab File: VY017089.D

Acq: 24 Jan 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

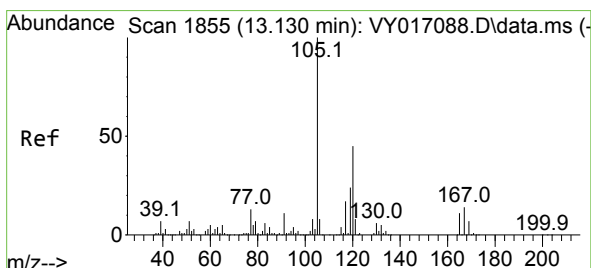
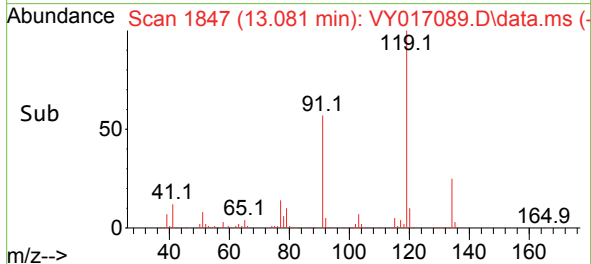
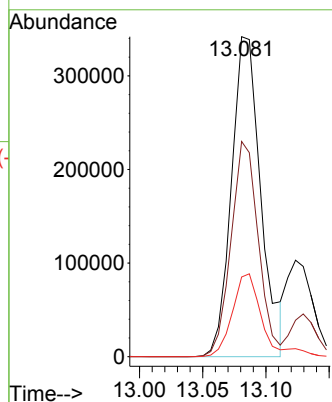
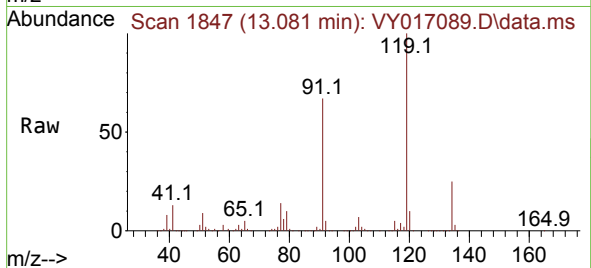
Tgt Ion:119 Resp: 552776

Ion Ratio Lower Upper

119 100

91 62.7 31.5 94.5

134 26.3 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 101.098 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. 0.001 min

Lab File: VY017089.D

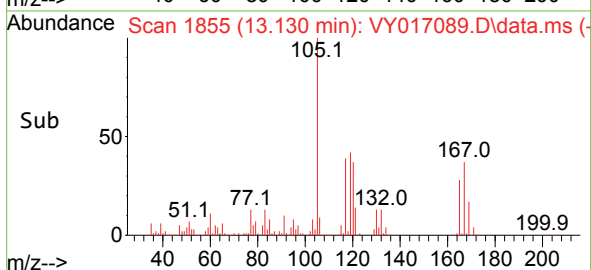
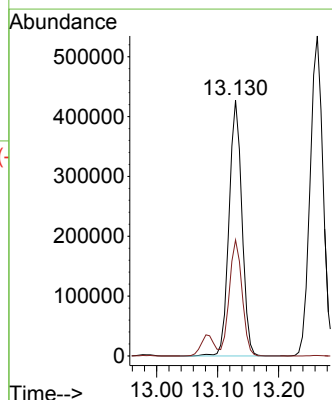
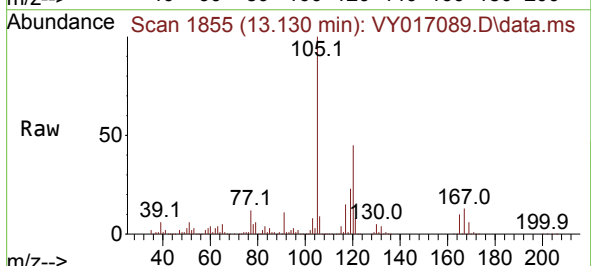
Acq: 24 Jan 2024 12:12

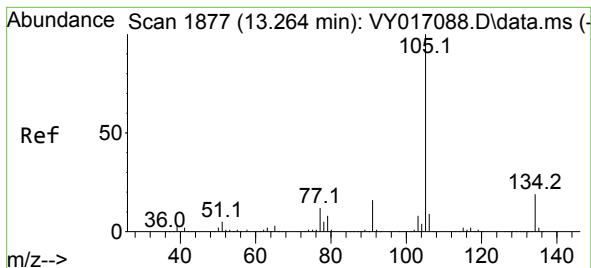
Tgt Ion:105 Resp: 624356

Ion Ratio Lower Upper

105 100

120 44.9 22.1 66.3





#85

sec-Butylbenzene

Concen: 98.924 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.001 min

Lab File: VY017089.D

Acq: 24 Jan 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :

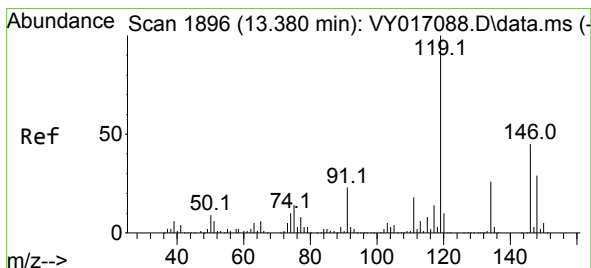
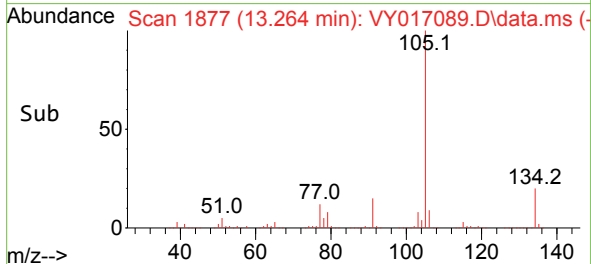
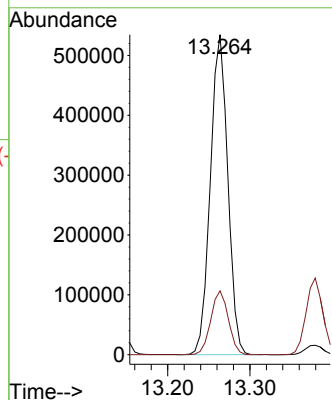
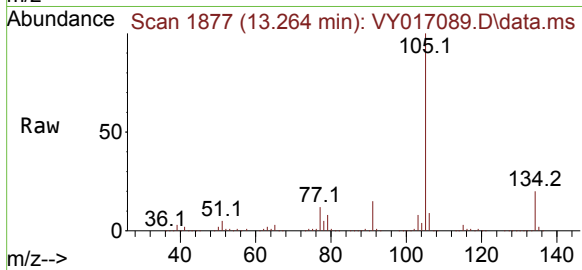
VSTDIC100

Tgt Ion:105 Resp: 787266

Ion Ratio Lower Upper

105 100

134 20.1 9.7 28.9



#86

p-Isopropyltoluene

Concen: 102.343 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY017089.D

Acq: 24 Jan 2024 12:12

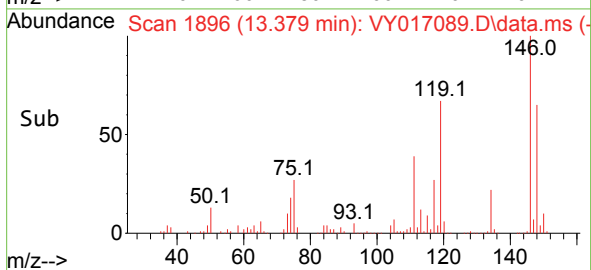
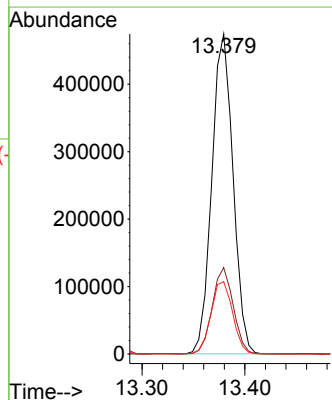
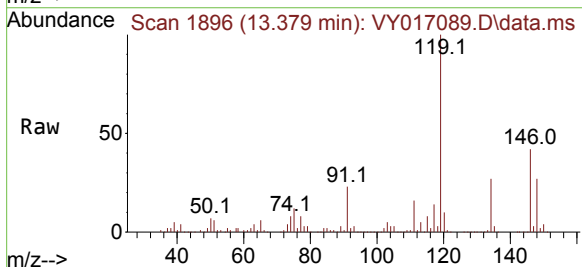
Tgt Ion:119 Resp: 678446

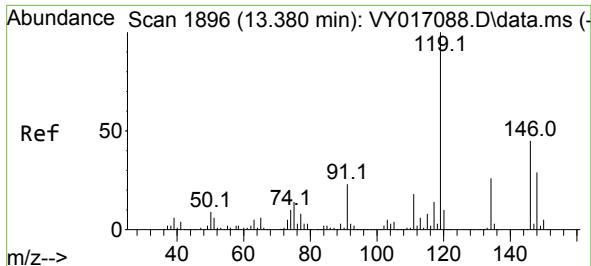
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.1

91 23.3 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 99.380 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017089.D

Acq: 24 Jan 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

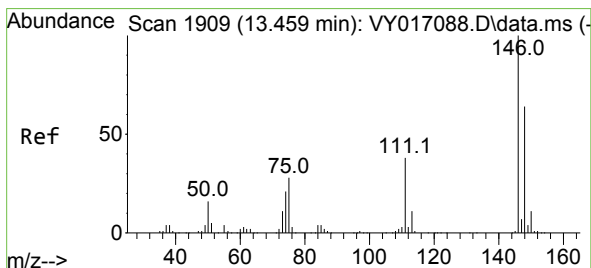
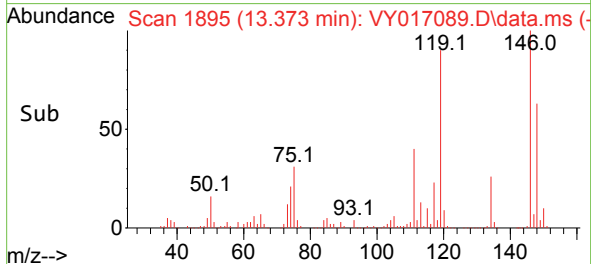
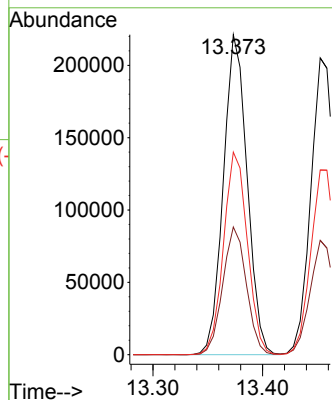
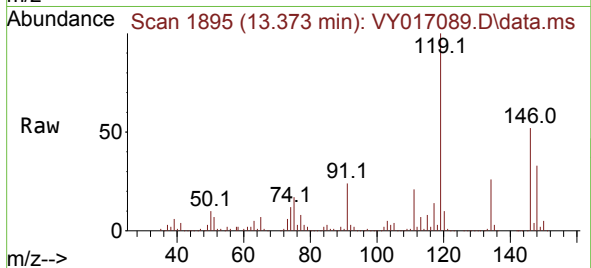
Tgt Ion:146 Resp: 333326

Ion Ratio Lower Upper

146 100

111 39.7 20.2 60.5

148 63.5 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 96.508 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.001 min

Lab File: VY017089.D

Acq: 24 Jan 2024 12:12

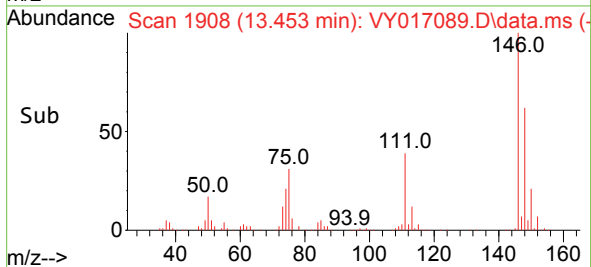
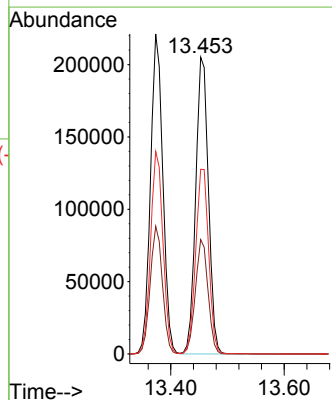
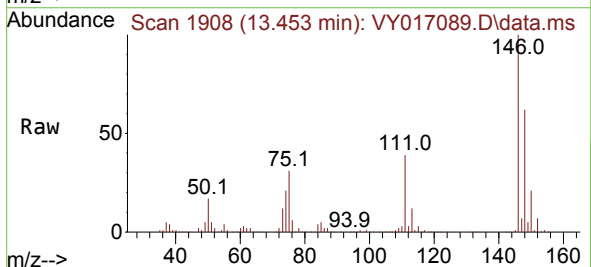
Tgt Ion:146 Resp: 318480

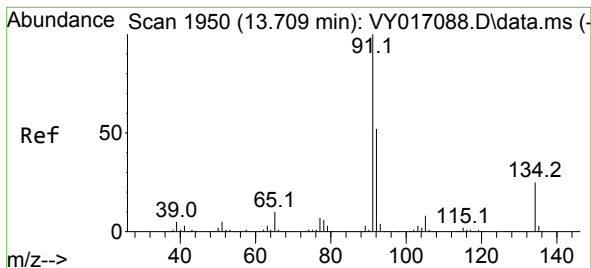
Ion Ratio Lower Upper

146 100

111 38.4 19.3 57.9

148 63.5 31.6 94.7





#89

n-Butylbenzene

Concen: 100.871 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.001 min

Lab File: VY017089.D

Acq: 24 Jan 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

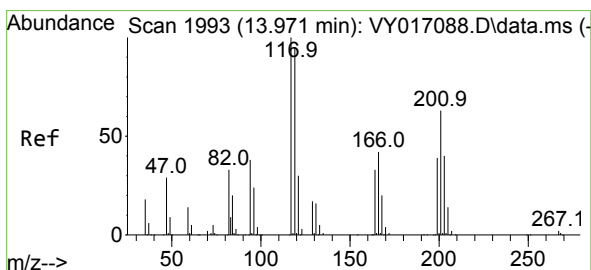
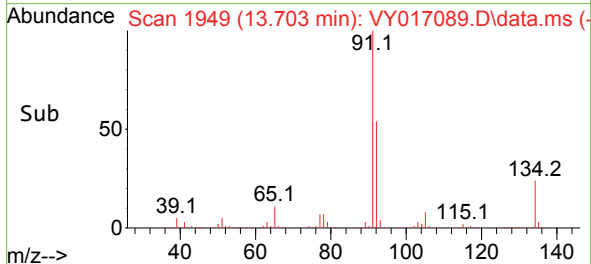
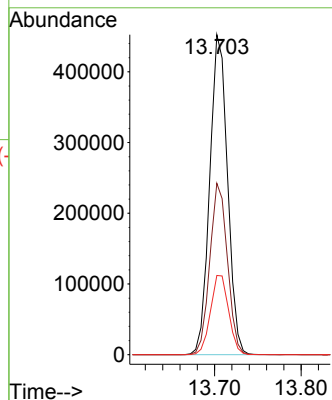
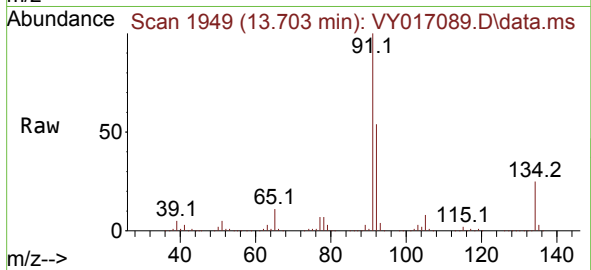
Tgt Ion: 91 Resp: 644979

Ion Ratio Lower Upper

91 100

92 53.1 26.4 79.2

134 25.4 12.3 36.8



#90

Hexachloroethane

Concen: 96.753 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY017089.D

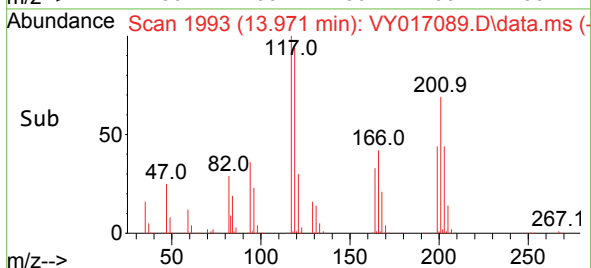
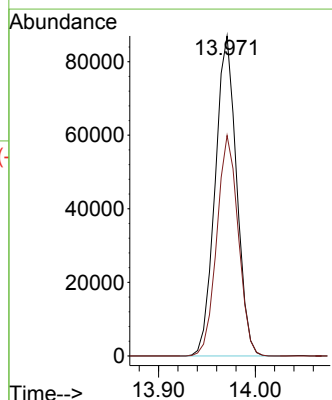
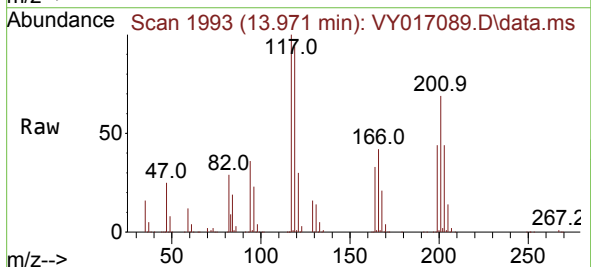
Acq: 24 Jan 2024 12:12

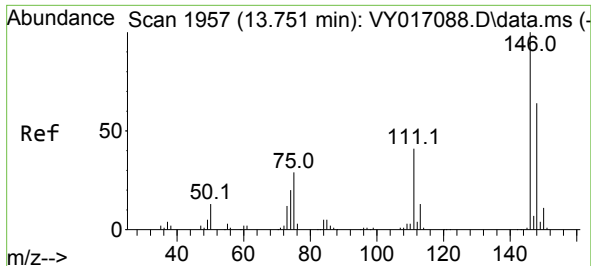
Tgt Ion: 117 Resp: 133683

Ion Ratio Lower Upper

117 100

201 69.1 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 98.222 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VY017089.D

Acq: 24 Jan 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

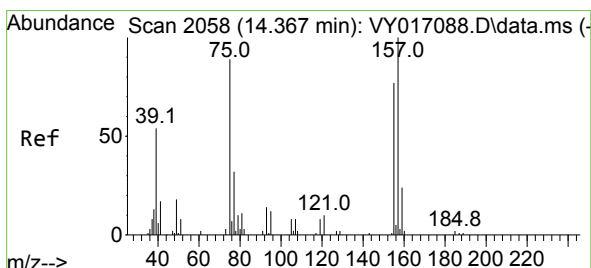
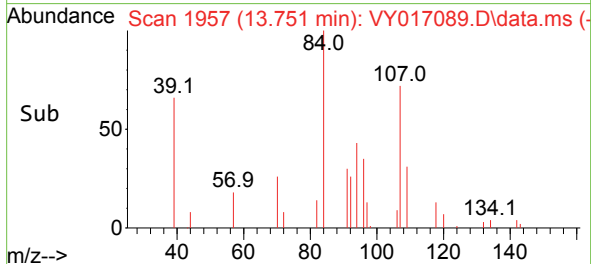
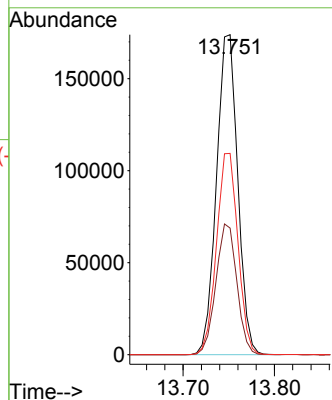
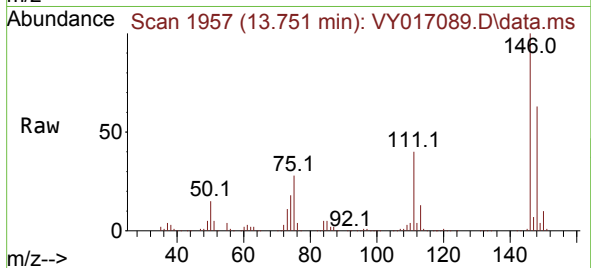
Tgt Ion:146 Resp: 281338

Ion Ratio Lower Upper

146 100

111 40.3 20.5 61.6

148 63.5 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 98.558 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VY017089.D

Acq: 24 Jan 2024 12:12

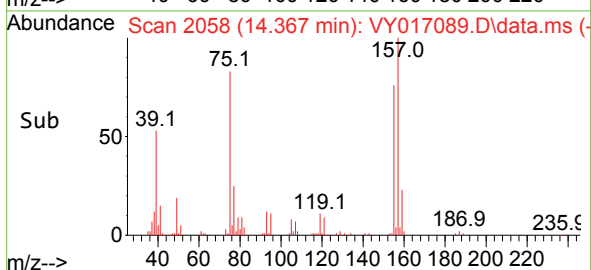
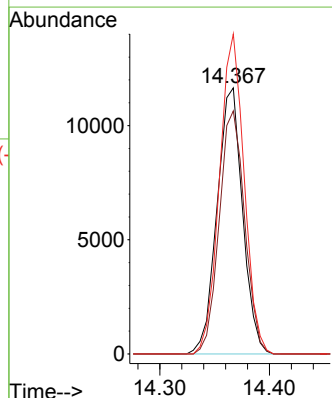
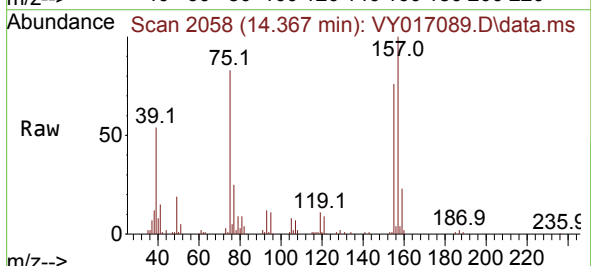
Tgt Ion: 75 Resp: 18845

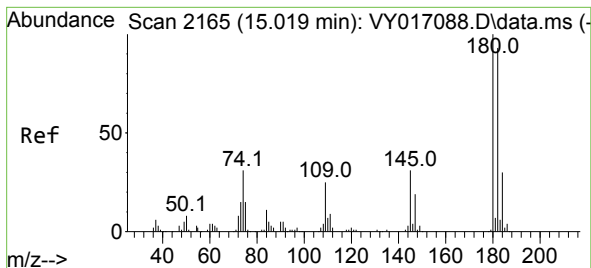
Ion Ratio Lower Upper

75 100

155 91.0 42.1 126.3

157 116.1 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 104.798 ug/l

RT: 15.013 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY017089.D

Acq: 24 Jan 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

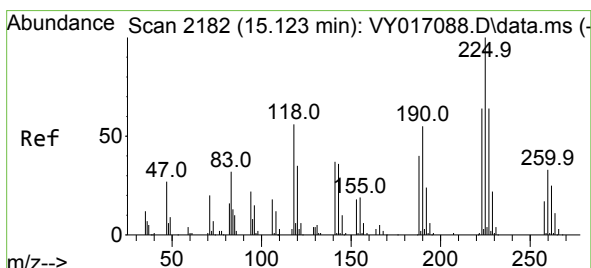
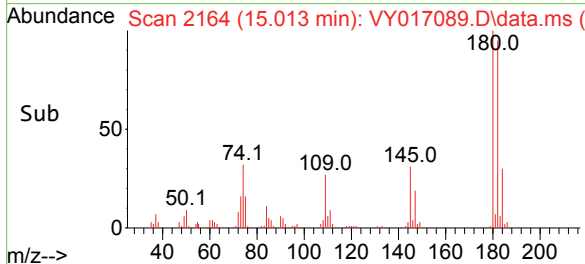
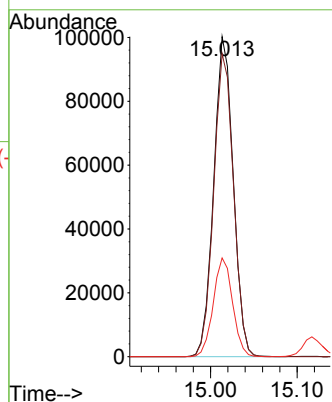
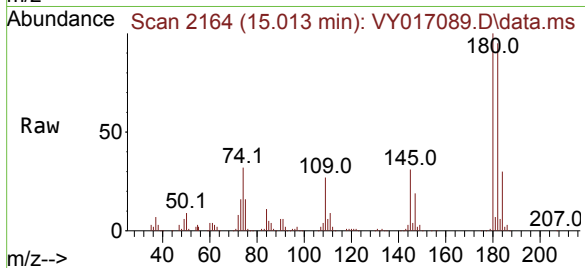
Tgt Ion:180 Resp: 156861

Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.7

145 30.5 15.9 47.7



#94

Hexachlorobutadiene

Concen: 96.183 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY017089.D

Acq: 24 Jan 2024 12:12

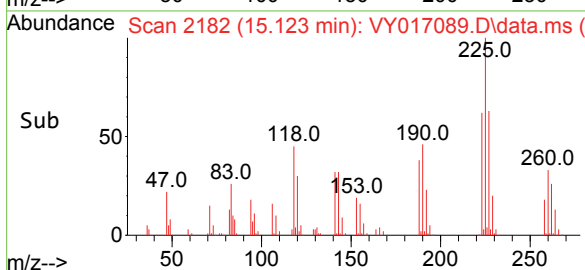
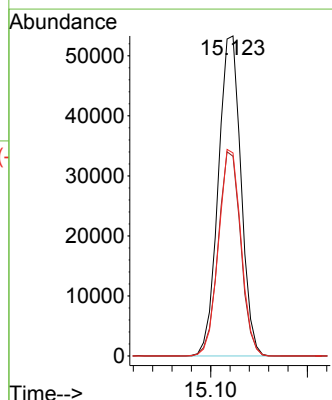
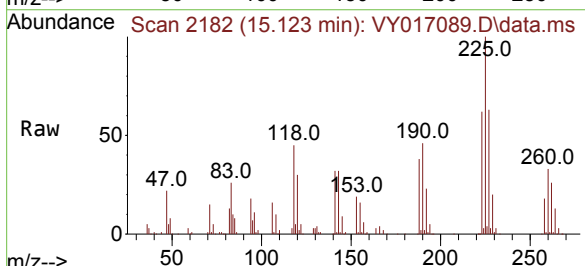
Tgt Ion:225 Resp: 86646

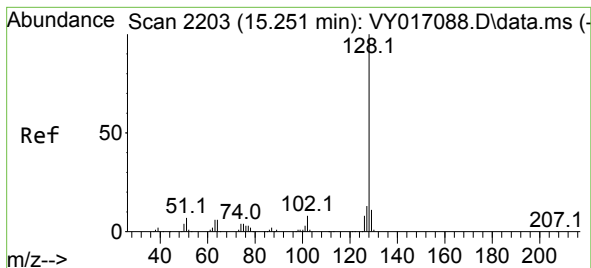
Ion Ratio Lower Upper

225 100

223 63.3 31.4 94.3

227 63.9 32.3 96.8





#95

Naphthalene

Concen: 115.574 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017089.D

Acq: 24 Jan 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

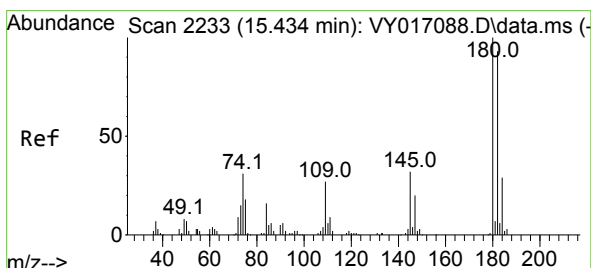
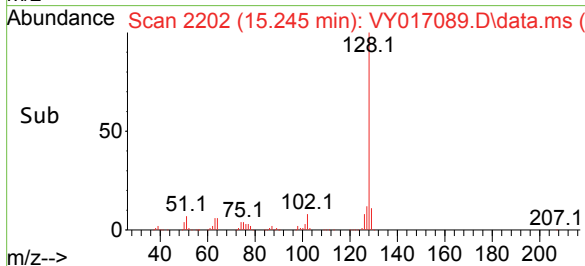
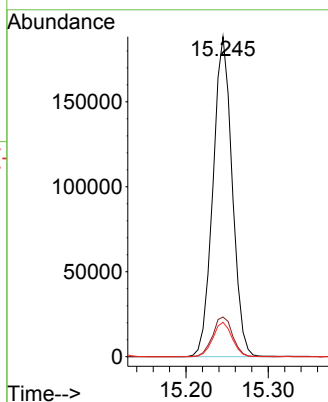
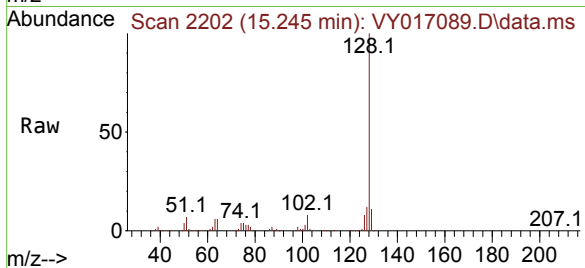
Tgt Ion:128 Resp: 305537

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 104.868 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY017089.D

Acq: 24 Jan 2024 12:12

Tgt Ion:180 Resp: 130590

Ion Ratio Lower Upper

180 100

182 94.6 46.3 138.8

145 32.0 16.1 48.2

