

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017328.D
 Acq On : 08 Feb 2024 21:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 09 00:18:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	92697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	164159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	145987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	67587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	43203	52.171	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.340%	
35) Dibromofluoromethane	7.722	113	43907	49.537	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.080%	
50) Toluene-d8	10.185	98	158352	49.069	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.140%	
62) 4-Bromofluorobenzene	12.489	95	52969	50.105	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.220%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	30723	43.720	ug/l	97
3) Chloromethane	2.113	50	69242	54.850	ug/l	97
4) Vinyl Chloride	2.247	62	81365	52.891	ug/l	99
5) Bromomethane	2.644	94	61606	57.772	ug/l	97
6) Chloroethane	2.790	64	55495	55.870	ug/l	99
7) Trichlorofluoromethane	3.119	101	84920	53.683	ug/l	98
8) Diethyl Ether	3.527	74	29407	59.100	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.893	101	50312	52.467	ug/l	99
10) Methyl Iodide	4.088	142	47873	47.488	ug/l	99
11) Tert butyl alcohol	4.954	59	20688	300.125	ug/l	97
12) 1,1-Dichloroethene	3.869	96	48319	53.776	ug/l	97
13) Acrolein	3.729	56	22112	325.812	ug/l	98
14) Allyl chloride	4.479	41	75163	55.333	ug/l	99
15) Acrylonitrile	5.161	53	68891	307.502	ug/l	99
16) Acetone	3.948	43	54602	224.340	ug/l	97
17) Carbon Disulfide	4.192	76	141587	49.364	ug/l	99
18) Methyl Acetate	4.472	43	38960	71.755	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	130165	60.150	ug/l	99
20) Methylene Chloride	4.710	84	69115	70.791	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	55979	54.765	ug/l	98
22) Diisopropyl ether	6.125	45	180231	60.419	ug/l	95
23) Vinyl Acetate	6.064	43	527544	291.868	ug/l	98
24) 1,1-Dichloroethane	6.021	63	104556	57.216	ug/l	99
25) 2-Butanone	6.984	43	88872	274.672	ug/l	99
26) 2,2-Dichloropropane	6.984	77	73650	48.454	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	67015	58.619	ug/l	97
28) Bromochloromethane	7.338	49	35466	50.688	ug/l	100
29) Tetrahydrofuran	7.350	42	58253	318.713	ug/l	100
30) Chloroform	7.508	83	108251	58.887	ug/l	96
31) Cyclohexane	7.789	56	82114	49.196	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	87613	55.408	ug/l	100
36) 1,1-Dichloropropene	7.923	75	79029	51.690	ug/l	100
37) Ethyl Acetate	7.076	43	39587	55.826	ug/l	98
38) Carbon Tetrachloride	7.905	117	76990	52.594	ug/l	96
39) Methylcyclohexane	9.191	83	89062	49.862	ug/l	99
40) Benzene	8.167	78	242110	55.452	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	18272	54.385	ug/l #	84
42) 1,2-Dichloroethane	8.240	62	65721	56.852	ug/l	99
43) Isopropyl Acetate	8.277	43	72822	58.012	ug/l	99
44) Trichloroethene	8.947	130	60768	54.830	ug/l	92
45) 1,2-Dichloropropane	9.222	63	61316	57.175	ug/l	99
46) Dibromomethane	9.313	93	34207	59.048	ug/l	97
47) Bromodichloromethane	9.502	83	82937	57.206	ug/l	98
48) Methyl methacrylate	9.301	41	33597	57.060	ug/l	92
49) 1,4-Dioxane	9.307	88	7992	1267.480	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	209583	311.464	ug/l	100
52) Toluene	10.252	92	146958	55.763	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	75529	55.463	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	92597	56.769	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	46204	58.621	ug/l	98
56) Ethyl methacrylate	10.514	69	58989	55.288	ug/l	99
57) 1,3-Dichloropropane	10.794	76	79545	58.677	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	131677	268.169	ug/l	99
59) 2-Hexanone	10.837	43	139310	286.308	ug/l	99
60) Dibromochloromethane	10.990	129	53958	58.355	ug/l	100
61) 1,2-Dibromoethane	11.093	107	42940	58.578	ug/l	100
64) Tetrachloroethene	10.727	164	54694	57.687	ug/l	96
65) Chlorobenzene	11.520	112	154876	54.995	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	58067	56.737	ug/l	99
67) Ethyl Benzene	11.599	91	280758	55.162	ug/l	100
68) m/p-Xylenes	11.709	106	213232	110.396	ug/l	100
69) o-Xylene	12.038	106	100922	56.739	ug/l	100
70) Styrene	12.050	104	171154	58.400	ug/l	99
71) Bromoform	12.215	173	31135	58.090	ug/l #	99
73) Isopropylbenzene	12.337	105	262025	52.772	ug/l	99
74) N-amyl acetate	12.148	43	63828	57.212	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	53854	55.146	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	64541	103.461	ug/l #	100
77) Bromobenzene	12.617	156	58996	53.567	ug/l	99
78) n-propylbenzene	12.678	91	321443	52.712	ug/l	100
79) 2-Chlorotoluene	12.764	91	179663	53.589	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	213382	54.036	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	16006	53.314	ug/l	98
82) 4-Chlorotoluene	12.861	91	187171	54.245	ug/l	100
83) tert-Butylbenzene	13.081	119	183586	54.236	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	213448	54.762	ug/l	99
85) sec-Butylbenzene	13.257	105	278072	52.561	ug/l	99
86) p-Isopropyltoluene	13.373	119	225563	53.355	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	116556	53.050	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	114580	53.679	ug/l	100
89) n-Butylbenzene	13.703	91	213436	53.100	ug/l	100
90) Hexachloroethane	13.965	117	45877	52.860	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	103439	55.304	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7144	56.162	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	52277	56.270	ug/l	97
94) Hexachlorobutadiene	15.117	225	28494	52.075	ug/l	100
95) Naphthalene	15.239	128	110114	57.643	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	46585	58.958	ug/l	100

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Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration

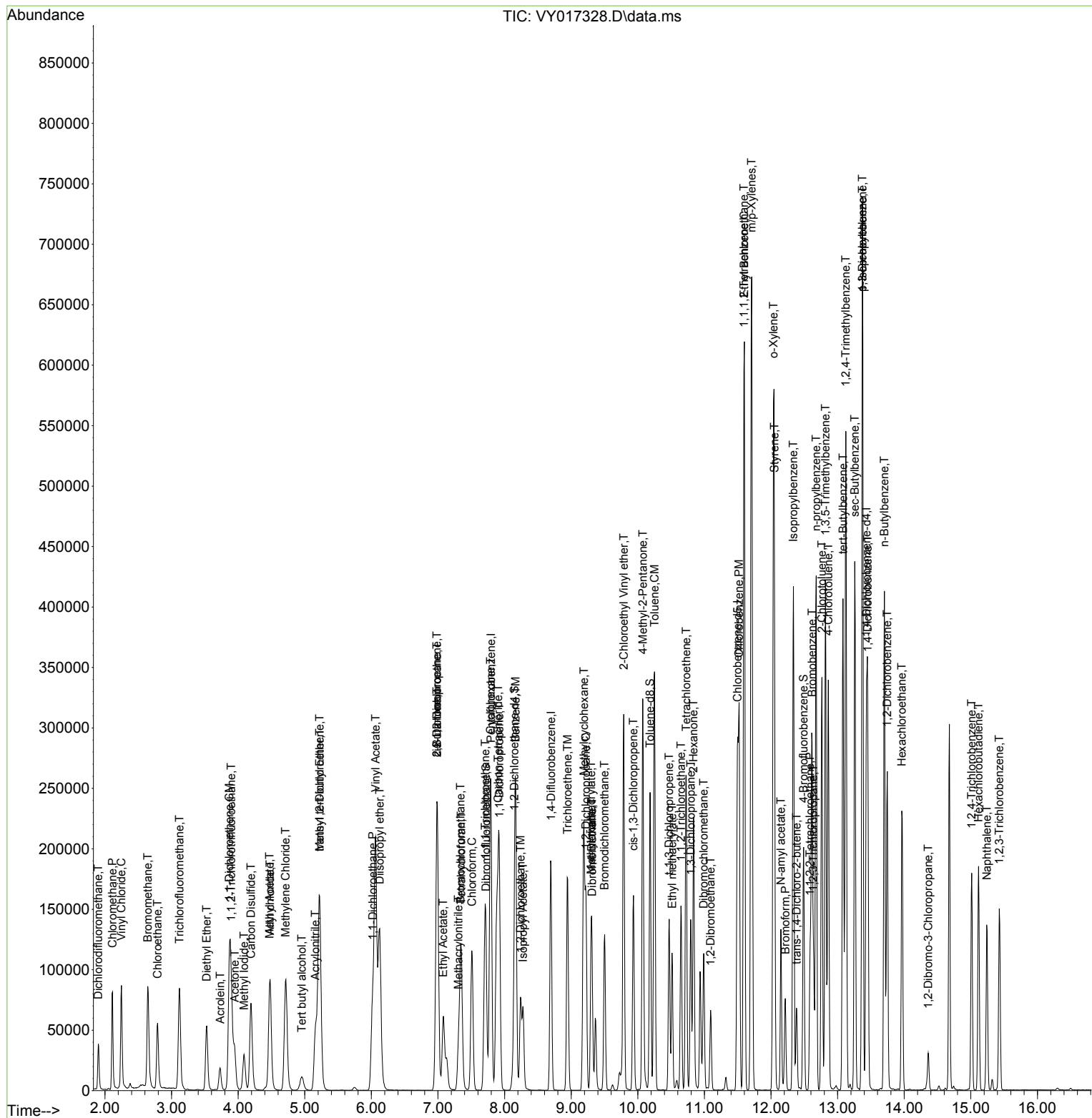
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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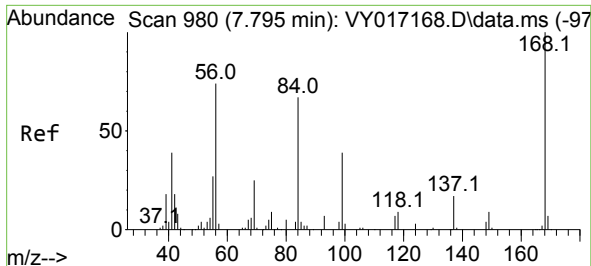
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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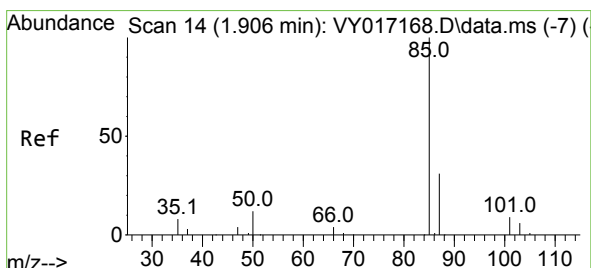
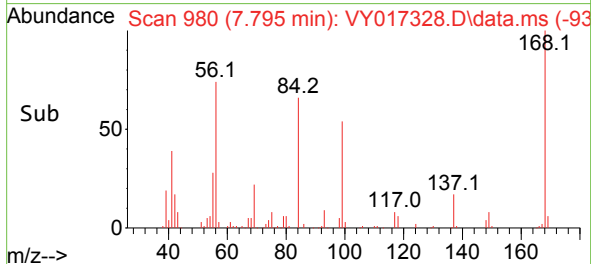
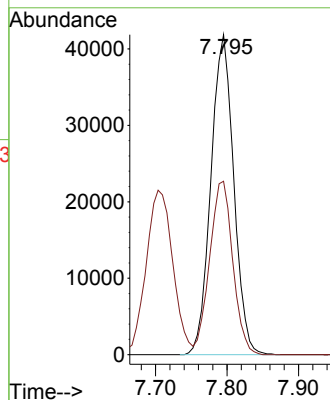
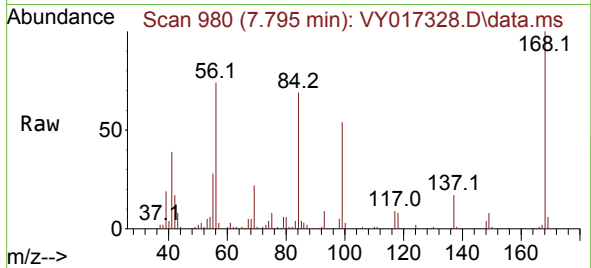




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
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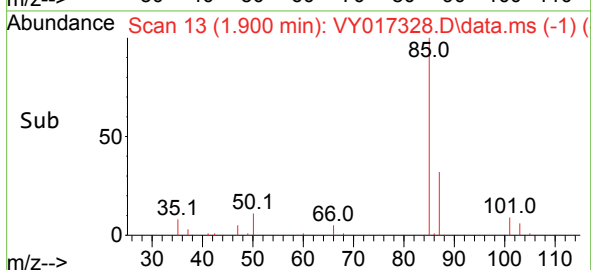
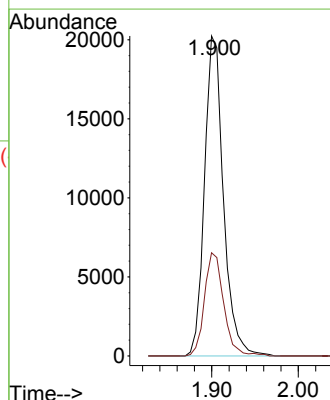
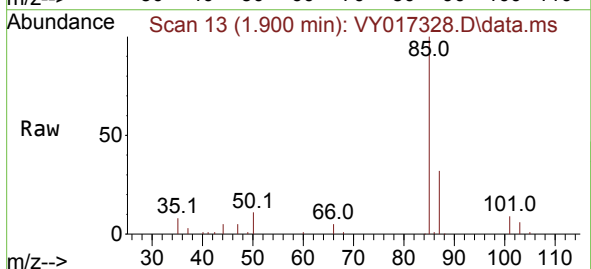
Instrument :
MSVOA_Y
ClientSampleId :

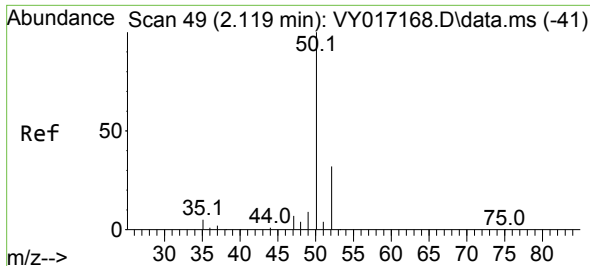
Tgt Ion:168 Resp: 92697
Ion Ratio Lower Upper
168 100
99 54.2 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 43.720 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

Tgt Ion: 85 Resp: 30723
Ion Ratio Lower Upper
85 100
87 32.3 17.1 51.3

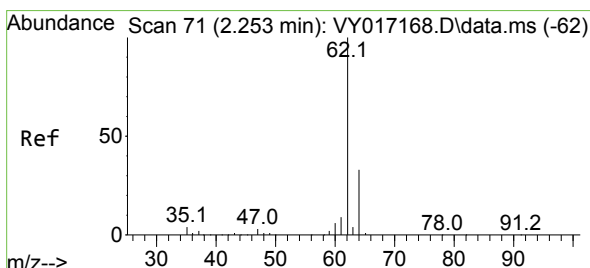
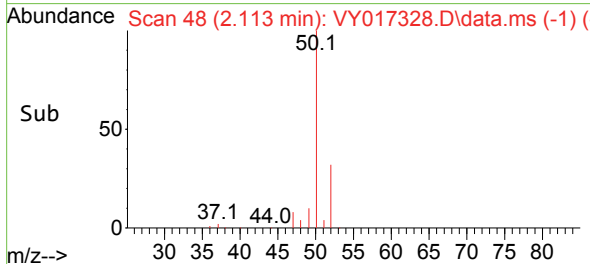
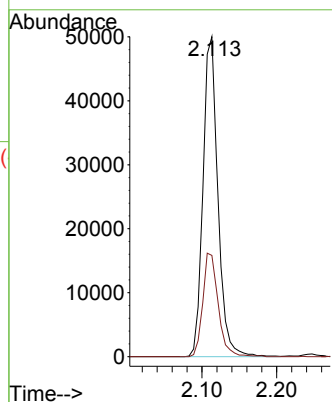
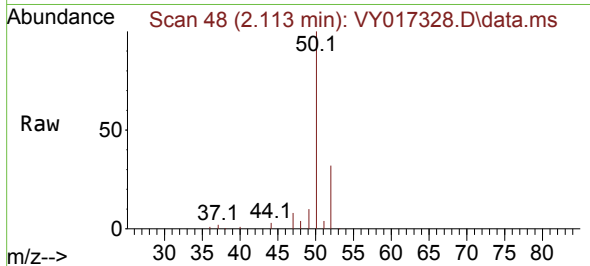




#3
Chloromethane
Concen: 54.850 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY017328.D
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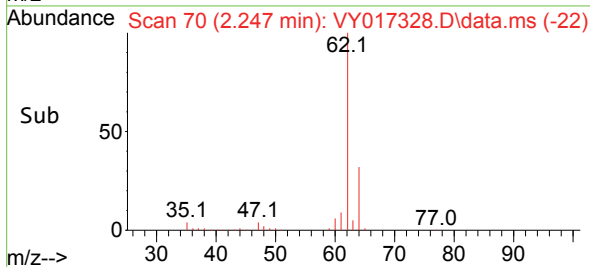
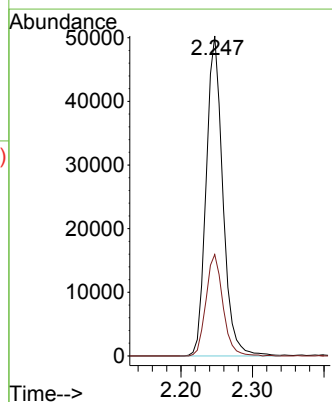
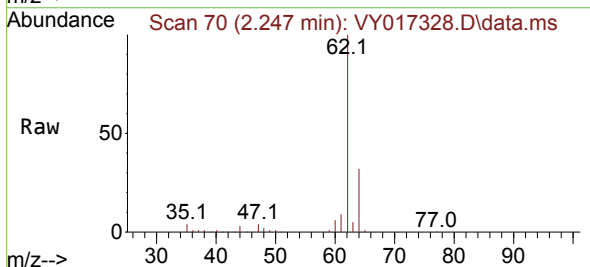
Instrument :
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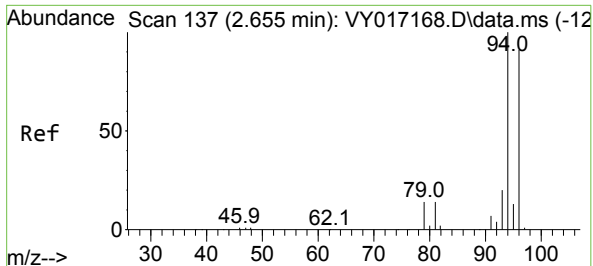
Tgt Ion: 50 Resp: 69242
Ion Ratio Lower Upper
50 100
52 31.6 26.7 40.1



#4
Vinyl Chloride
Concen: 52.891 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY017328.D
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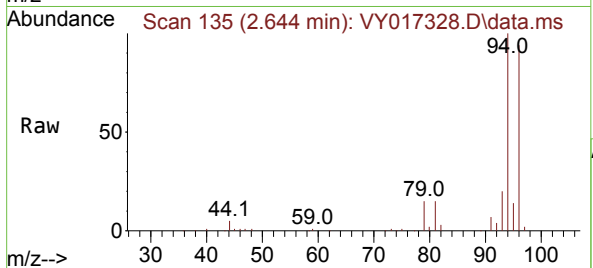
Tgt Ion: 62 Resp: 81365
Ion Ratio Lower Upper
62 100
64 31.7 25.7 38.5



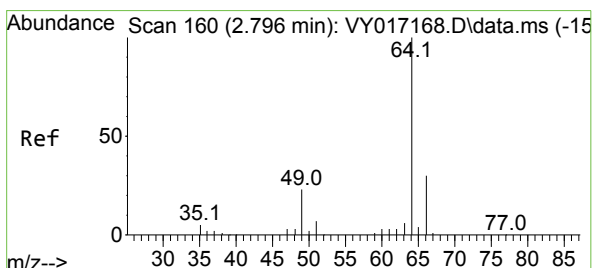
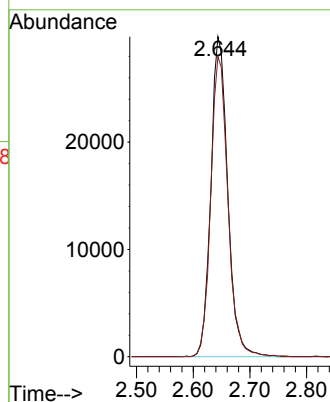
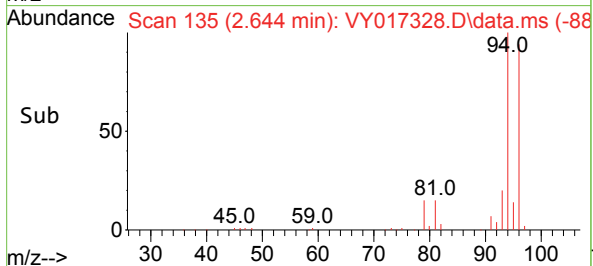


#5
Bromomethane
Concen: 57.772 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017328.D
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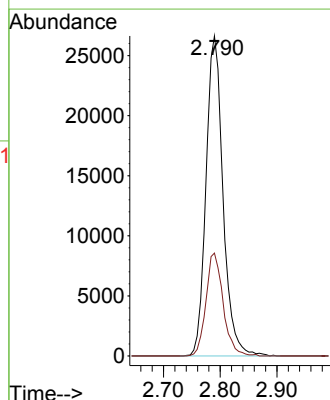
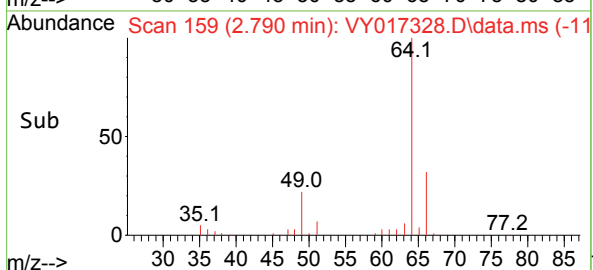
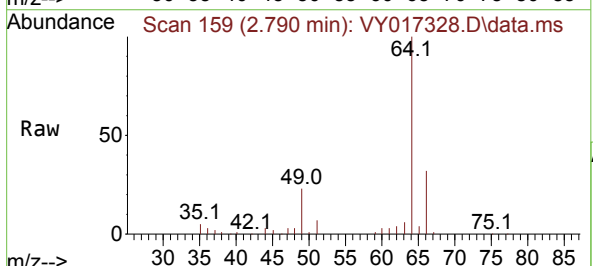


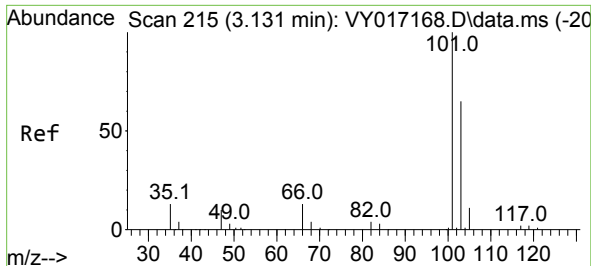
Tgt Ion: 94 Resp: 61606
Ion Ratio Lower Upper
94 100
96 93.8 77.3 115.9



#6
Chloroethane
Concen: 55.870 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
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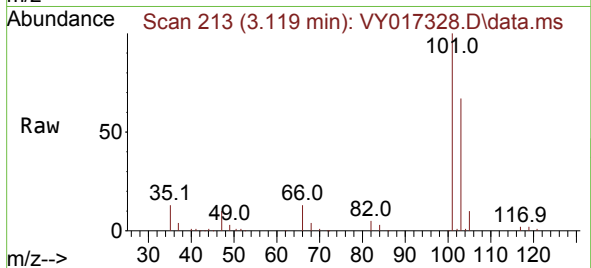
Tgt Ion: 64 Resp: 55495
Ion Ratio Lower Upper
64 100
66 32.1 25.1 37.7



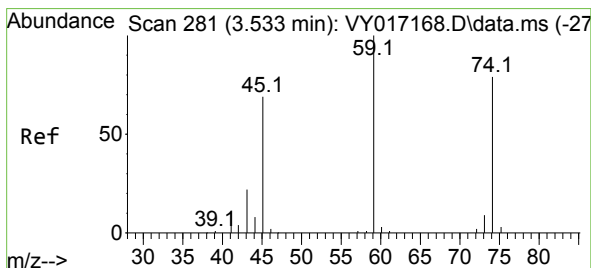
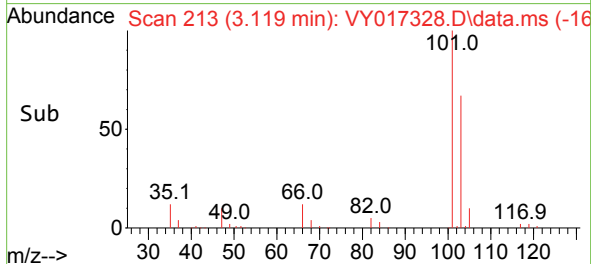
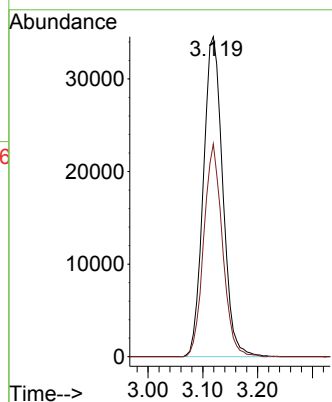


#7
 Trichlorofluoromethane
 Concen: 53.683 ug/l
 RT: 3.119 min Scan# 215
 Delta R.T. -0.012 min
 Lab File: VY017328.D
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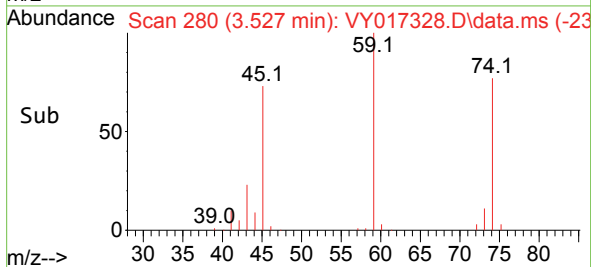
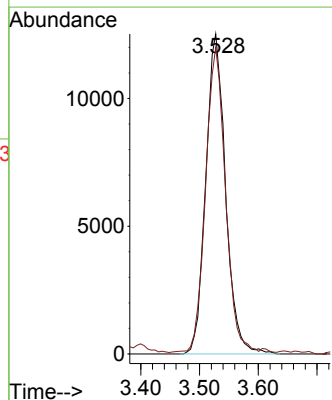
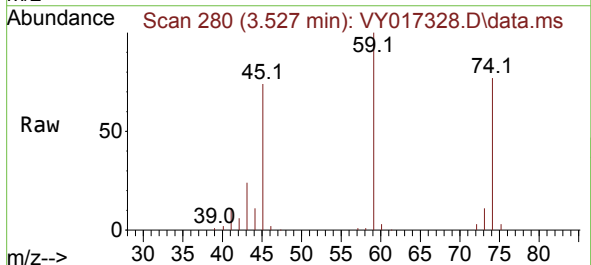


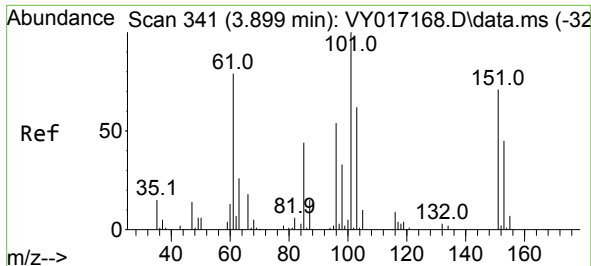
Tgt Ion:101 Resp: 84920
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.9 77.9



#8
 Diethyl Ether
 Concen: 59.100 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 29407
 Ion Ratio Lower Upper
 74 100
 45 95.4 47.9 143.7

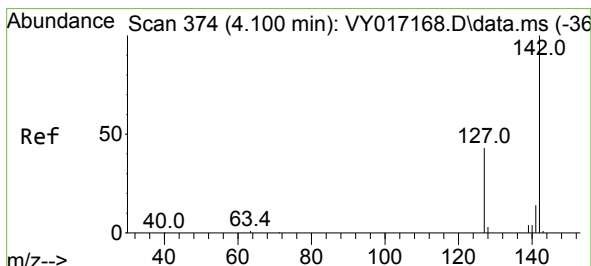
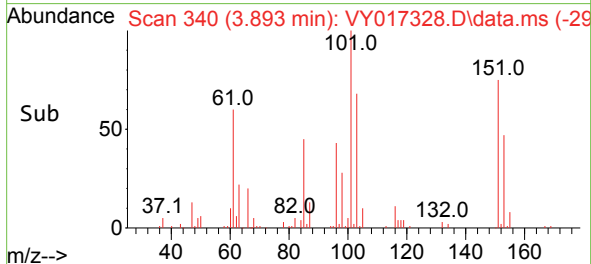
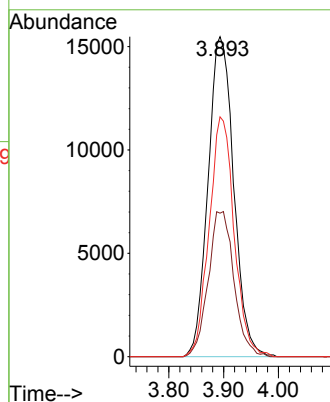
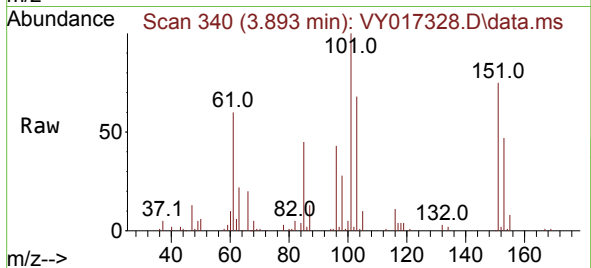




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.467 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

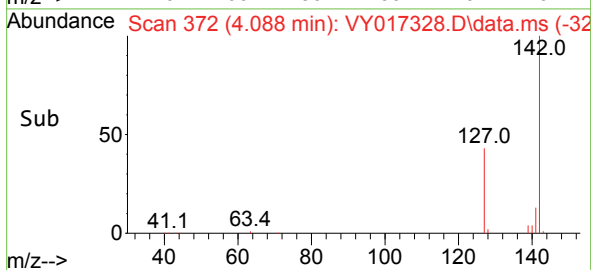
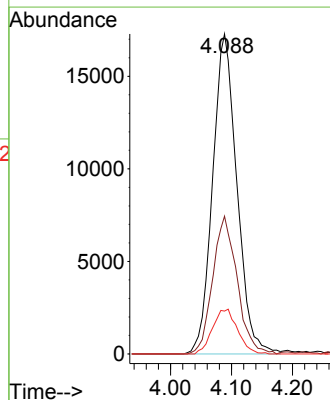
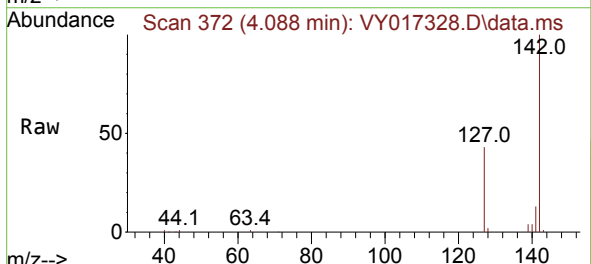
Instrument :
MSVOA_Y
ClientSampleId :

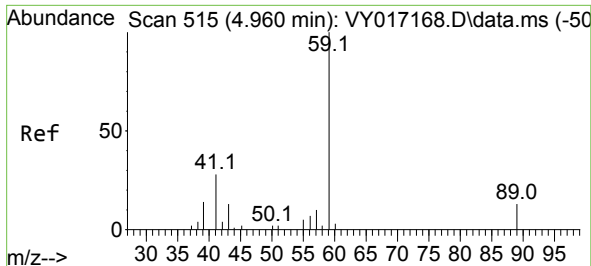
Tgt Ion:101 Resp: 50312
Ion Ratio Lower Upper
101 100
85 45.4 35.8 53.6
151 73.1 58.6 88.0



#10
Methyl Iodide
Concen: 47.488 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.012 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

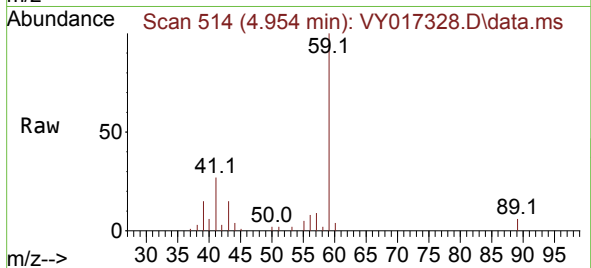
Tgt Ion:142 Resp: 47873
Ion Ratio Lower Upper
142 100
127 43.3 35.1 52.7
141 14.4 11.8 17.6



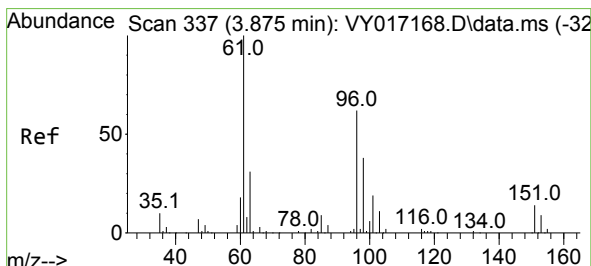
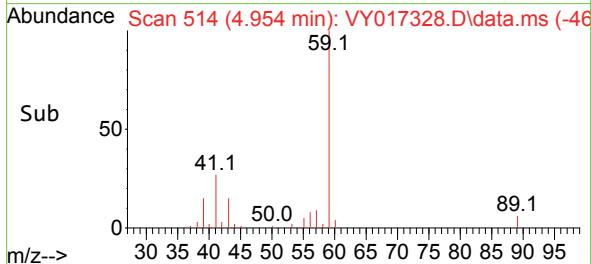
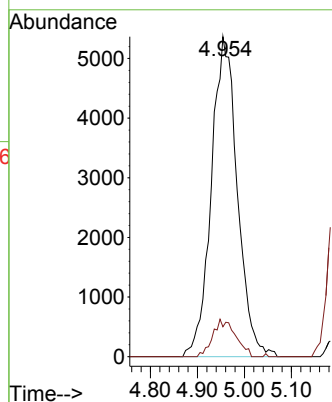


#11
Tert butyl alcohol
Concen: 300.125 ug/l
RT: 4.954 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

Instrument :
MSVOA_Y
ClientSampleId :

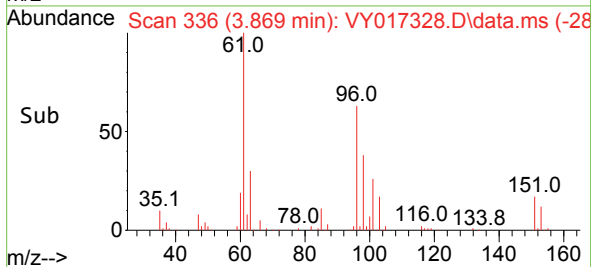
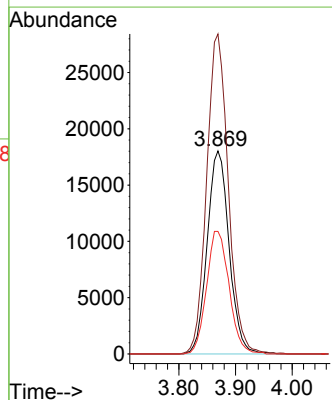
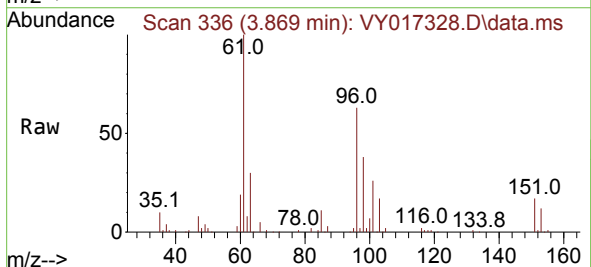


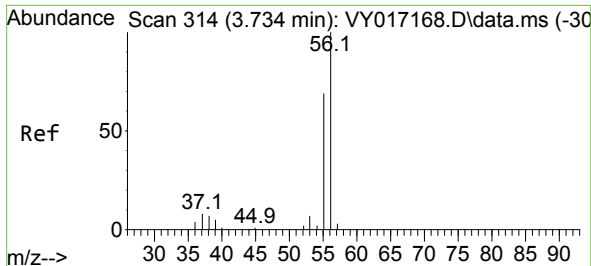
Tgt Ion: 59 Resp: 20688
Ion Ratio Lower Upper
59 100
57 10.1 7.4 11.0



#12
1,1-Dichloroethene
Concen: 53.776 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

Tgt Ion: 96 Resp: 48319
Ion Ratio Lower Upper
96 100
61 157.6 124.2 186.2
98 60.4 52.6 79.0

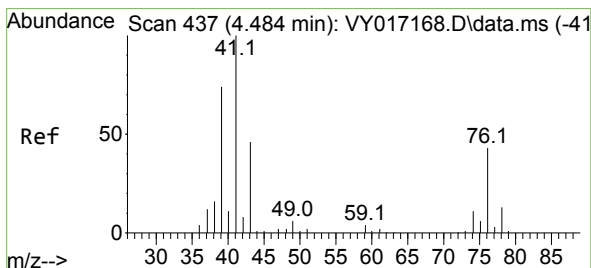
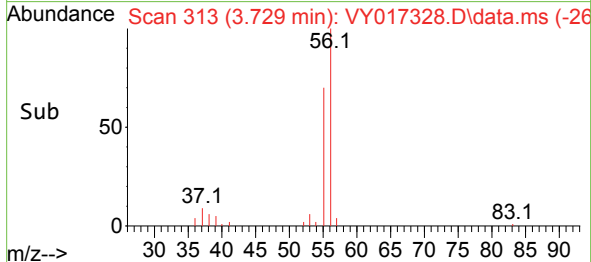
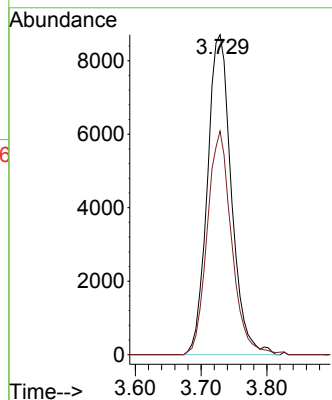
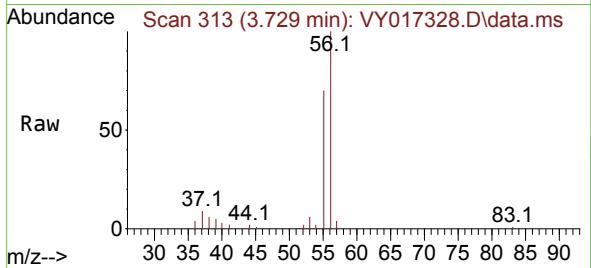




#13
Acrolein
Concen: 325.812 ug/l
RT: 3.729 min Scan# 314
Delta R.T. -0.005 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

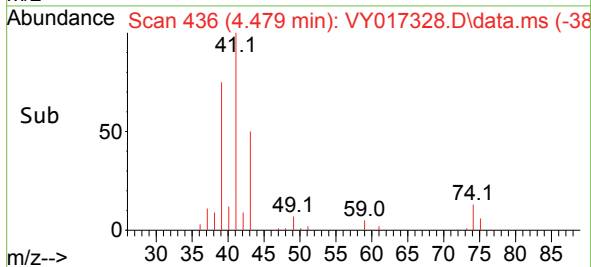
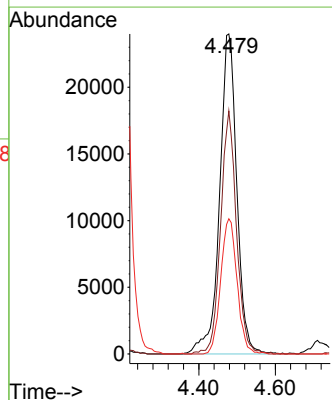
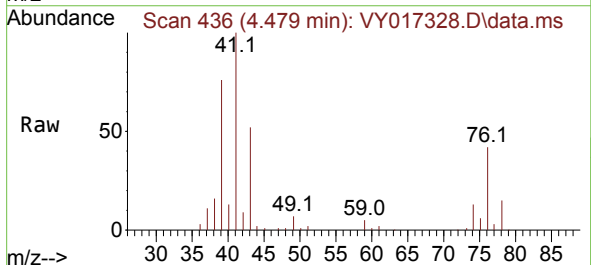
Instrument :
MSVOA_Y
ClientSampleId :

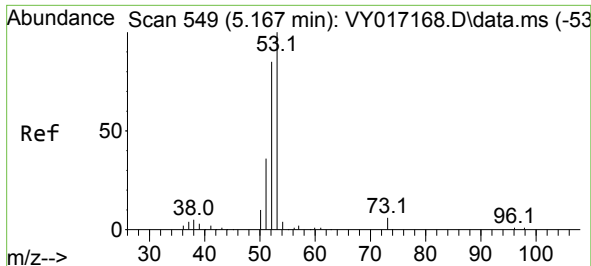
Tgt Ion: 56 Resp: 22112
Ion Ratio Lower Upper
56 100
55 71.0 55.4 83.0



#14
Allyl chloride
Concen: 55.333 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

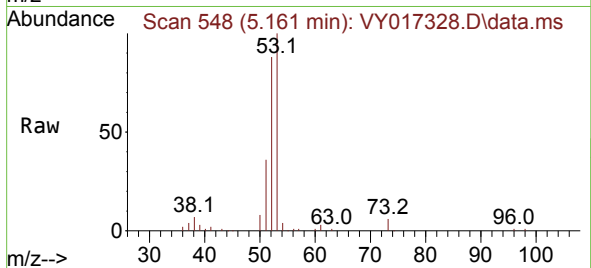
Tgt Ion: 41 Resp: 75163
Ion Ratio Lower Upper
41 100
39 69.9 54.7 82.1
76 39.9 31.8 47.6



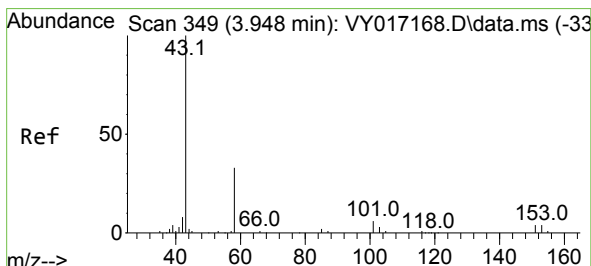
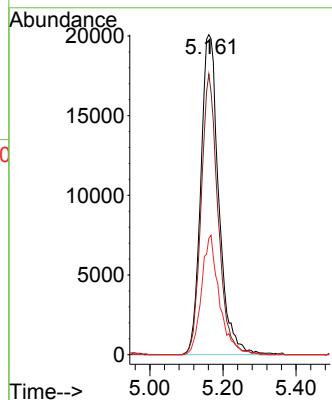
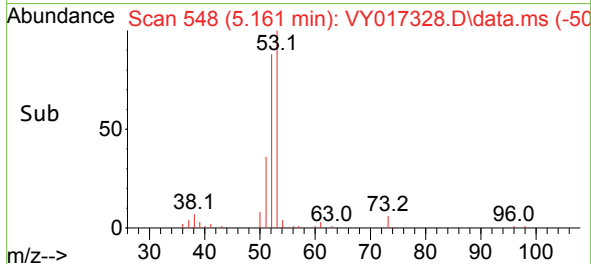


#15
Acrylonitrile
Concen: 307.502 ug/l
RT: 5.161 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

Instrument :
MSVOA_Y
ClientSampleId :

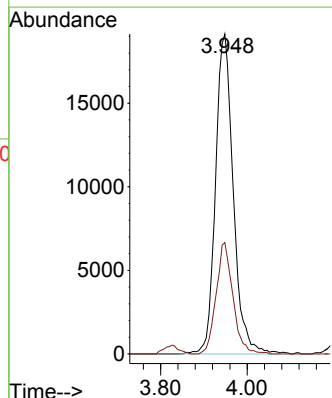
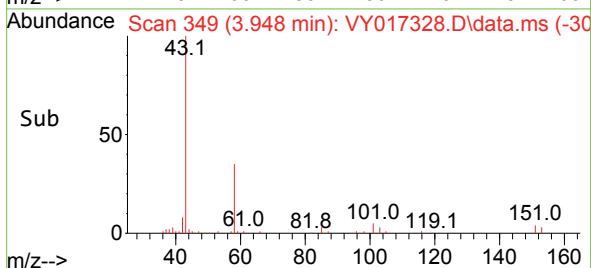
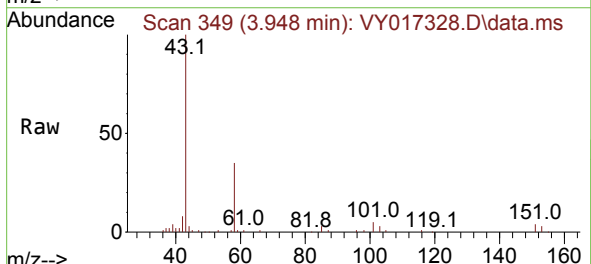


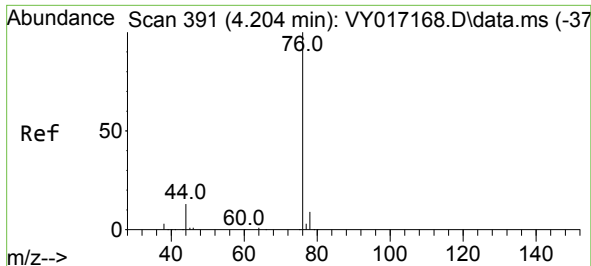
Tgt Ion: 53 Resp: 68891
Ion Ratio Lower Upper
53 100
52 81.9 65.1 97.7
51 37.1 29.0 43.4



#16
Acetone
Concen: 224.340 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

Tgt Ion: 43 Resp: 54602
Ion Ratio Lower Upper
43 100
58 34.8 26.6 39.8

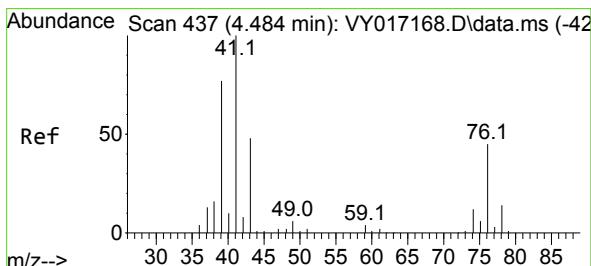
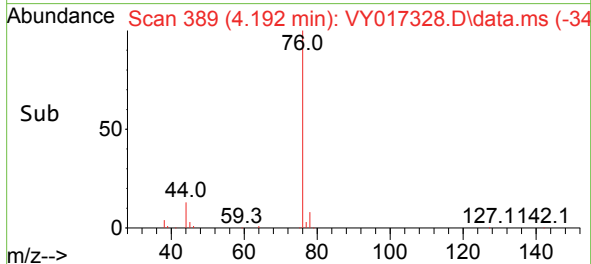
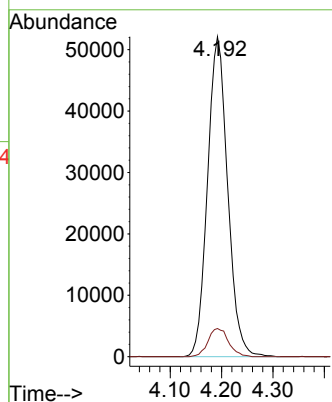
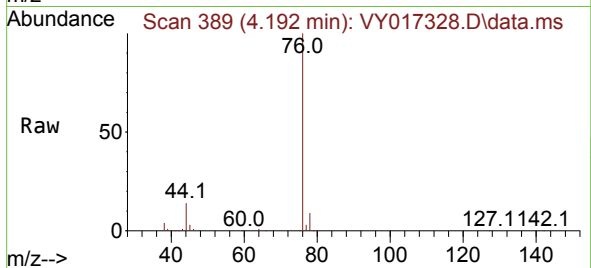




#17
Carbon Disulfide
Concen: 49.364 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

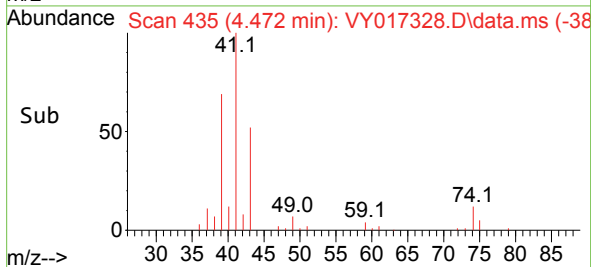
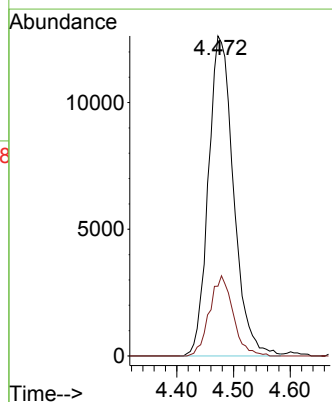
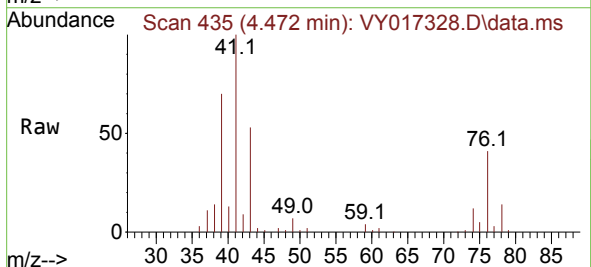
Instrument :
MSVOA_Y
ClientSampleId :

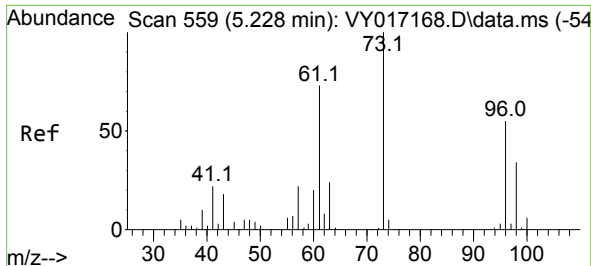
Tgt Ion: 76 Resp: 141587
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 71.755 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.012 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

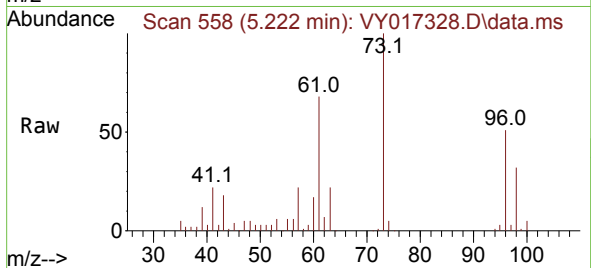
Tgt Ion: 43 Resp: 38960
Ion Ratio Lower Upper
43 100
74 23.5 19.8 29.6



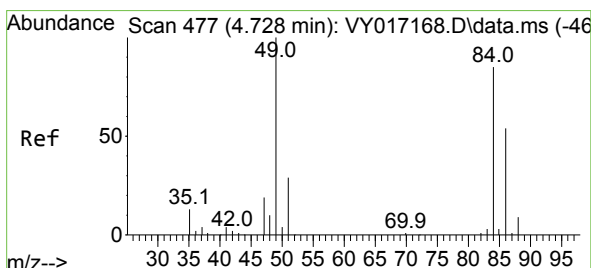
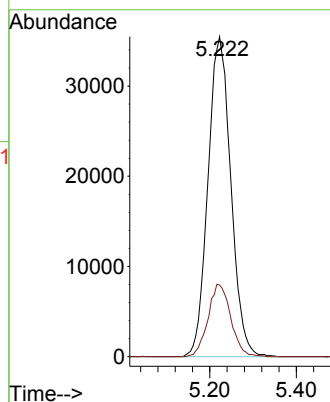
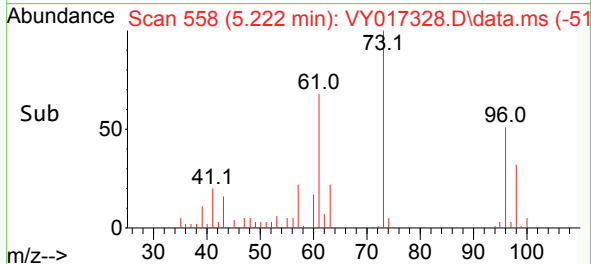


#19
Methyl tert-butyl Ether
Concen: 60.150 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

Instrument :
MSVOA_Y
ClientSampleId :

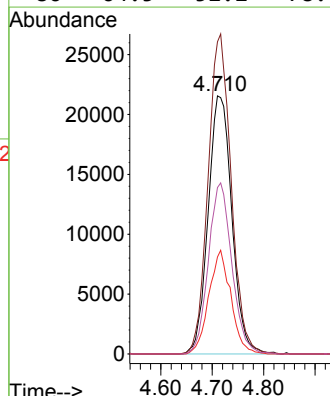
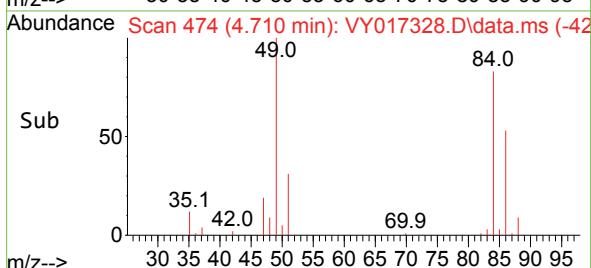
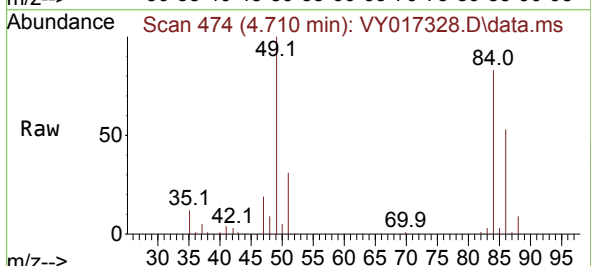


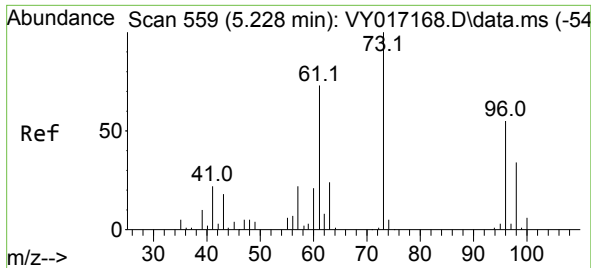
Tgt Ion: 73 Resp: 130165
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5



#20
Methylene Chloride
Concen: 70.791 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.018 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

Tgt Ion: 84 Resp: 69115
Ion Ratio Lower Upper
84 100
49 121.0 95.2 142.8
51 37.6 29.9 44.9
86 64.5 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 54.765 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY017328.D

Acq: 08 Feb 2024 21:22

Instrument :

MSVOA_Y

ClientSampleId :

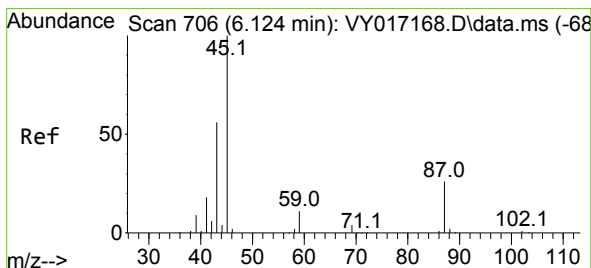
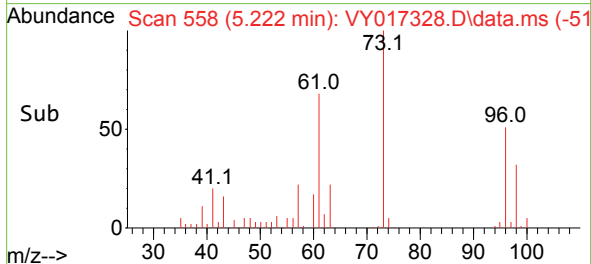
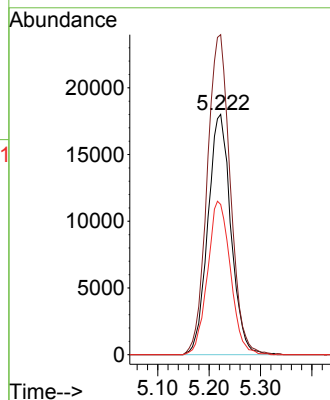
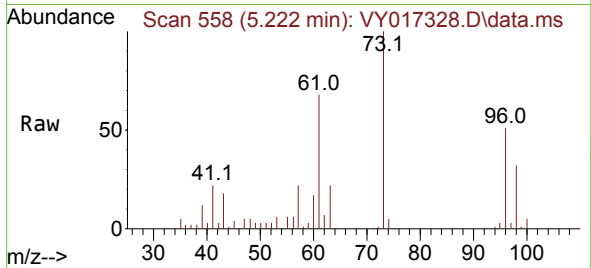
Tgt Ion: 96 Resp: 55979

Ion Ratio Lower Upper

96 100

61 133.2 104.6 156.8

98 62.5 50.9 76.3



#22

Diisopropyl ether

Concen: 60.419 ug/l

RT: 6.125 min Scan# 706

Delta R.T. 0.000 min

Lab File: VY017328.D

Acq: 08 Feb 2024 21:22

Tgt Ion: 45 Resp: 180231

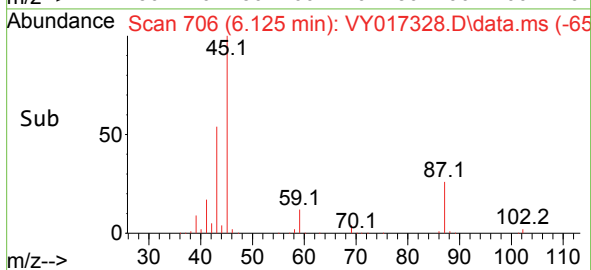
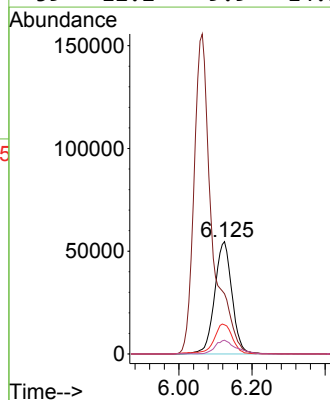
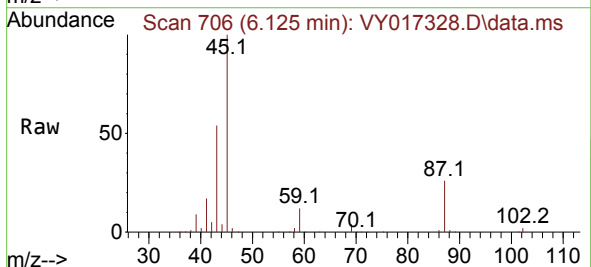
Ion Ratio Lower Upper

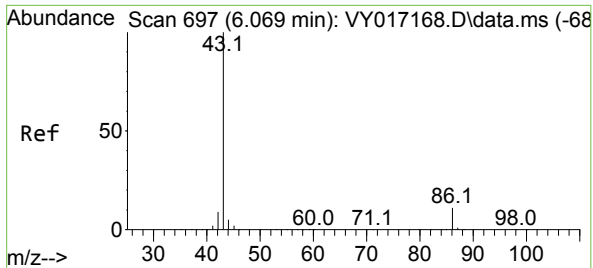
45 100

43 53.2 46.8 70.2

87 25.9 22.2 33.2

59 12.2 9.9 14.9

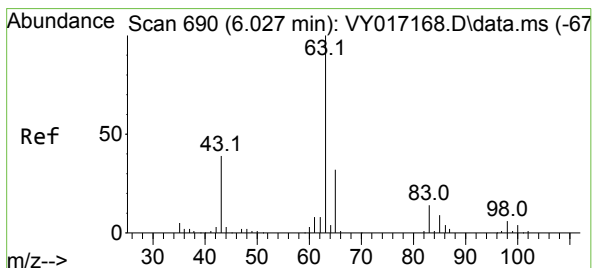
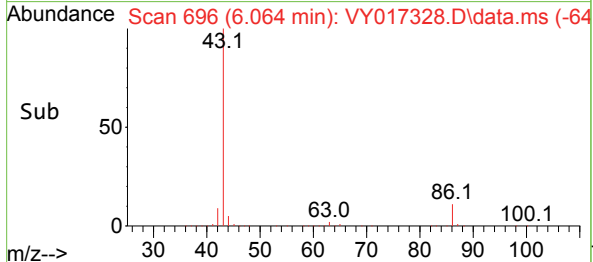
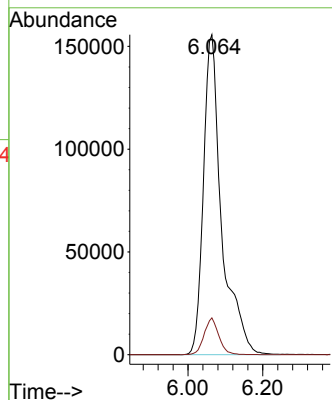
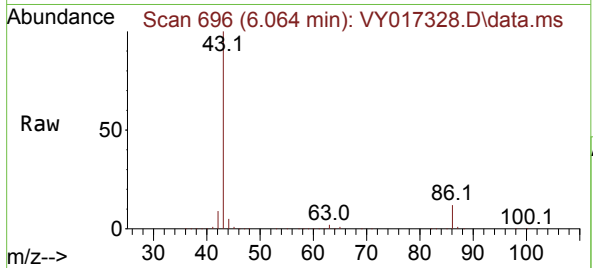




#23
 Vinyl Acetate
 Concen: 291.868 ug/l
 RT: 6.064 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY017328.D
 Acq: 08 Feb 2024 21:22

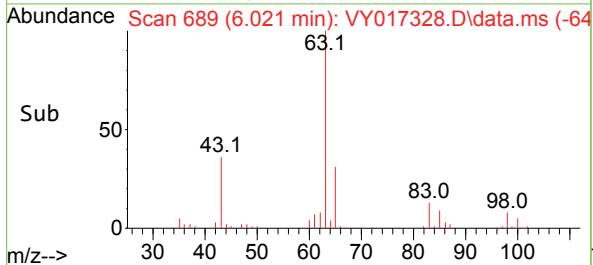
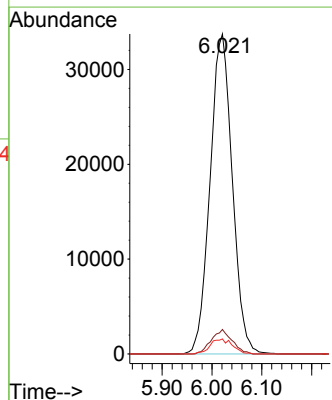
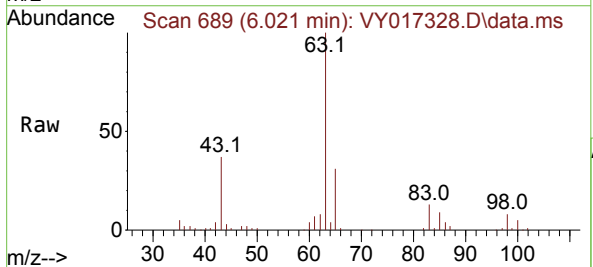
Instrument :
 MSVOA_Y
 ClientSampleId :

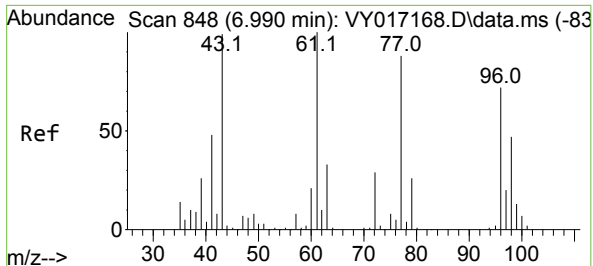
Tgt Ion: 43 Resp: 527544
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 57.216 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY017328.D
 Acq: 08 Feb 2024 21:22

Tgt Ion: 63 Resp: 104556
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.8 11.4
 100 4.7 2.1 6.2





#25

2-Butanone

Concen: 274.672 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY017328.D

Acq: 08 Feb 2024 21:22

Instrument :

MSVOA_Y

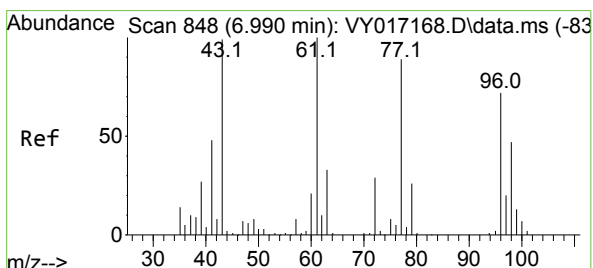
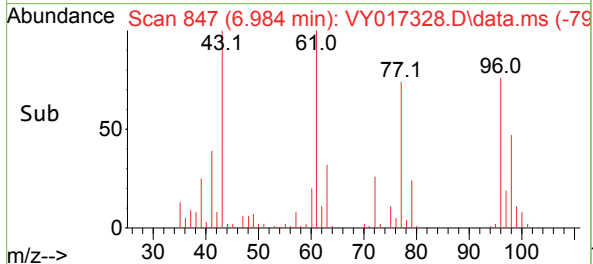
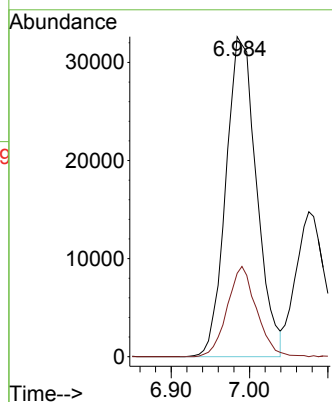
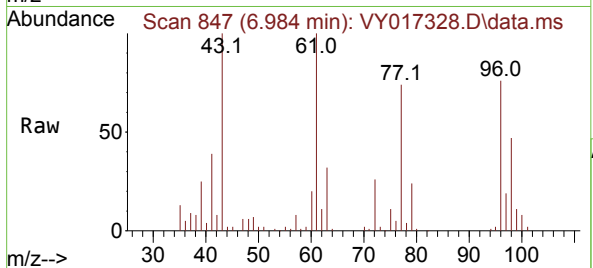
ClientSampleId :

Tgt Ion: 43 Resp: 88872

Ion Ratio Lower Upper

43 100

72 26.0 21.4 32.2



#26

2,2-Dichloropropane

Concen: 48.454 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY017328.D

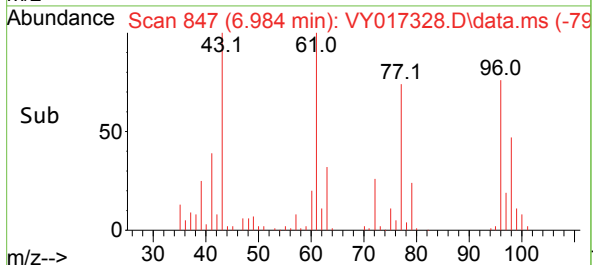
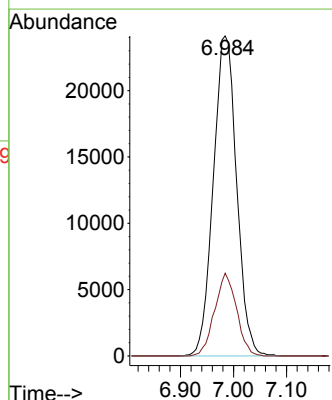
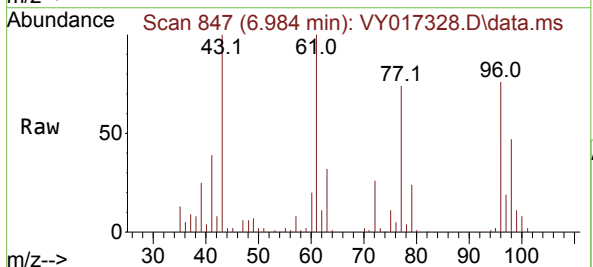
Acq: 08 Feb 2024 21:22

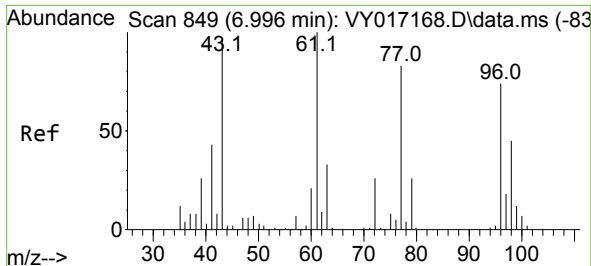
Tgt Ion: 77 Resp: 73650

Ion Ratio Lower Upper

77 100

97 24.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 58.619 ug/l

RT: 6.984 min Scan# 849

Delta R.T. -0.012 min

Lab File: VY017328.D

Acq: 08 Feb 2024 21:22

Instrument :

MSVOA_Y

ClientSampleId :

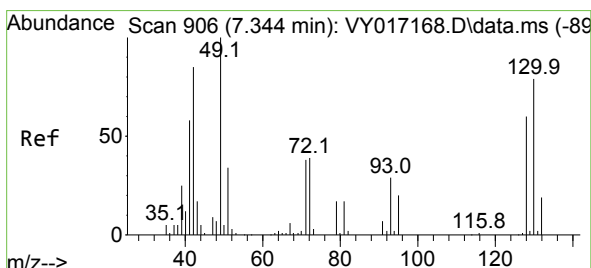
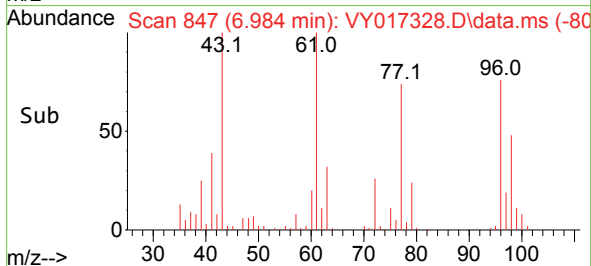
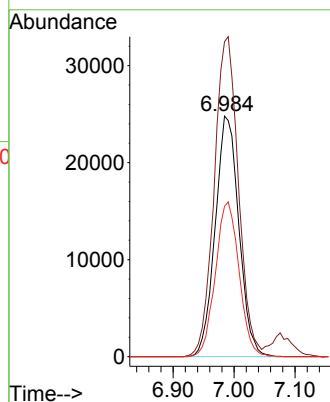
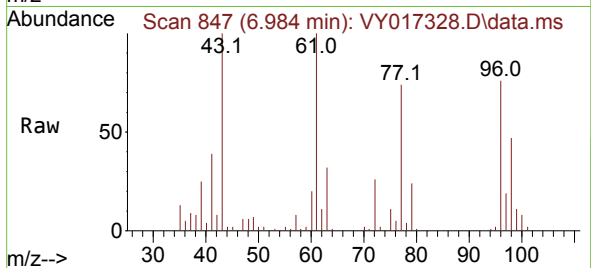
Tgt Ion: 96 Resp: 67015

Ion Ratio Lower Upper

96 100

61 135.5 0.0 278.8

98 64.3 0.0 127.0



#28

Bromochloromethane

Concen: 50.688 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY017328.D

Acq: 08 Feb 2024 21:22

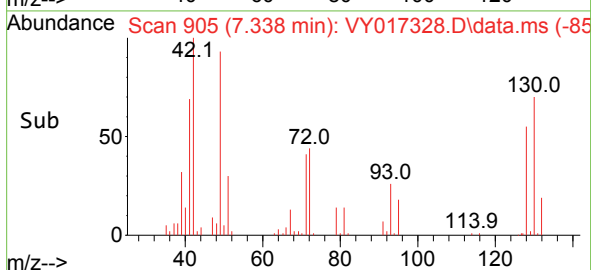
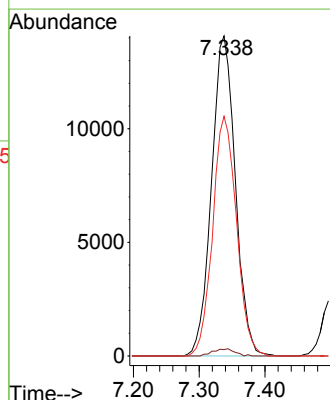
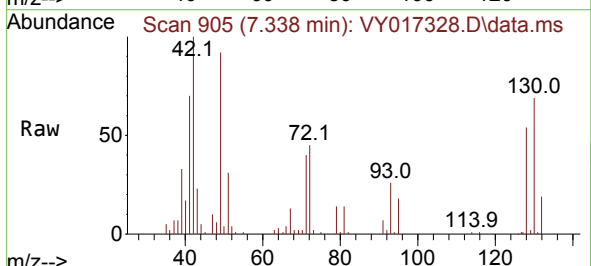
Tgt Ion: 49 Resp: 35466

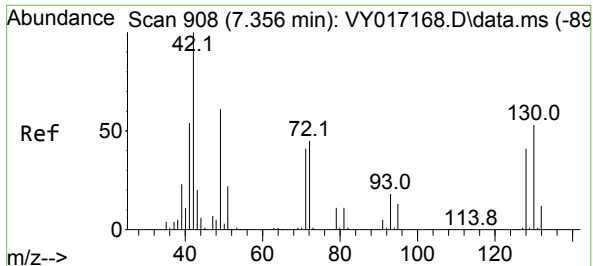
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 75.0 59.8 89.8





#29

Tetrahydrofuran

Concen: 318.713 ug/l

RT: 7.350 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY017328.D

Acq: 08 Feb 2024 21:22

Instrument :

MSVOA_Y

ClientSampleId :

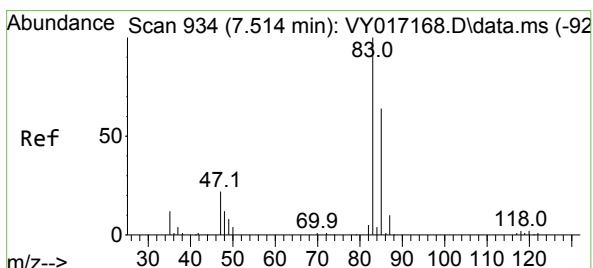
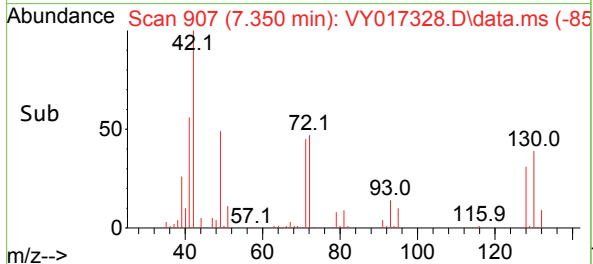
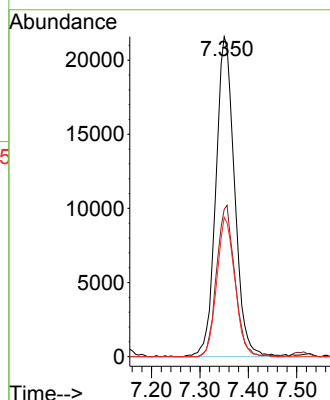
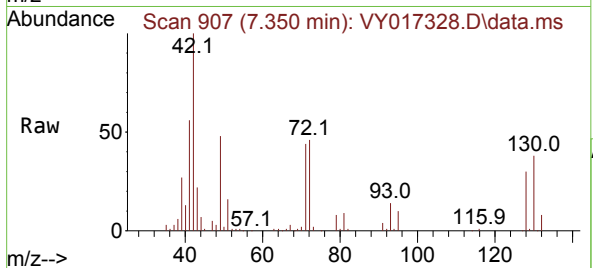
Tgt Ion: 42 Resp: 58253

Ion Ratio Lower Upper

42 100

72 45.6 36.6 54.8

71 42.1 33.8 50.6



#30

Chloroform

Concen: 58.887 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY017328.D

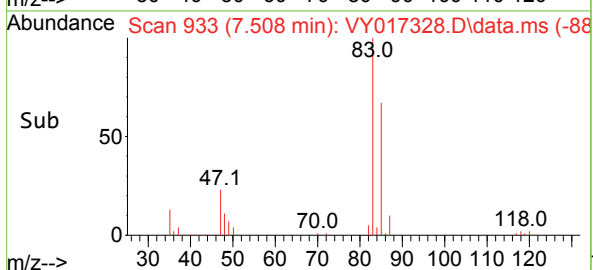
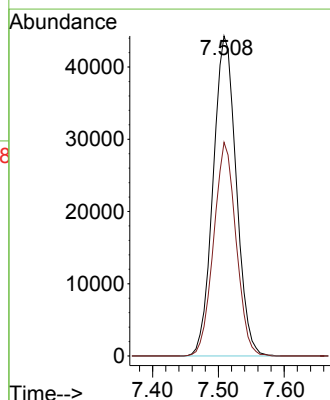
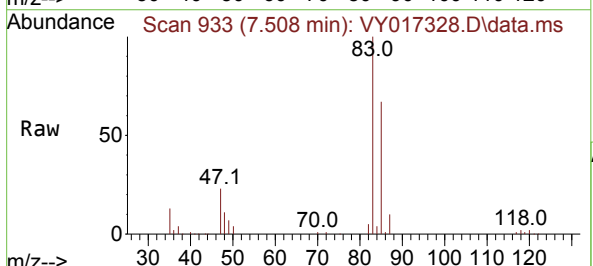
Acq: 08 Feb 2024 21:22

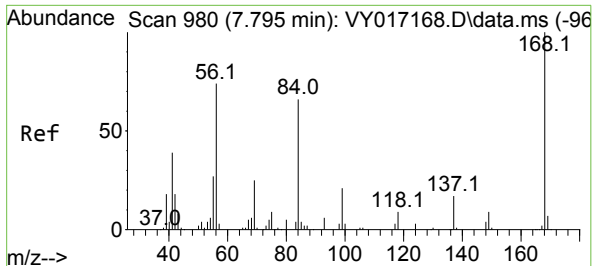
Tgt Ion: 83 Resp: 108251

Ion Ratio Lower Upper

83 100

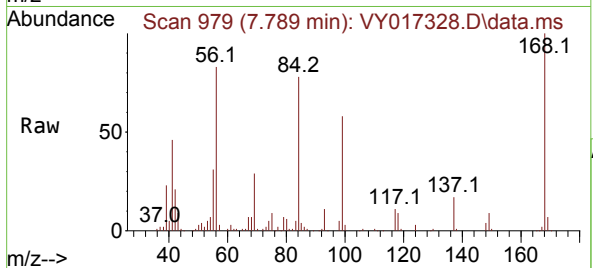
85 66.8 51.2 76.8



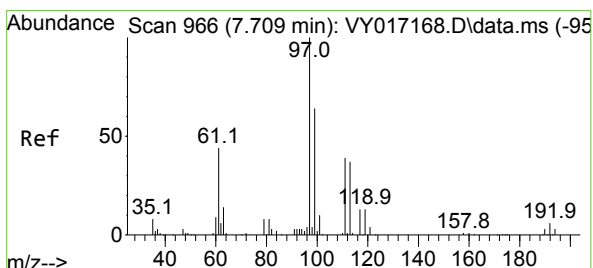
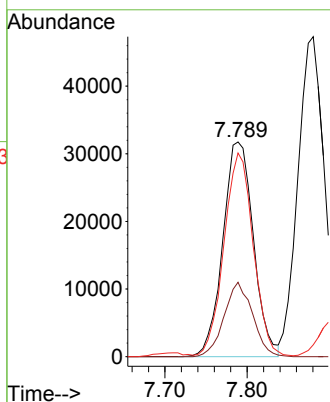
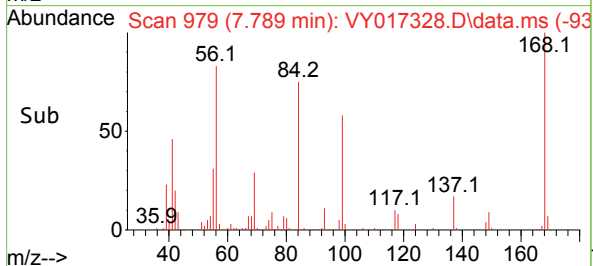


#31
Cyclohexane
Concen: 49.196 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

Instrument :
MSVOA_Y
ClientSampleId :

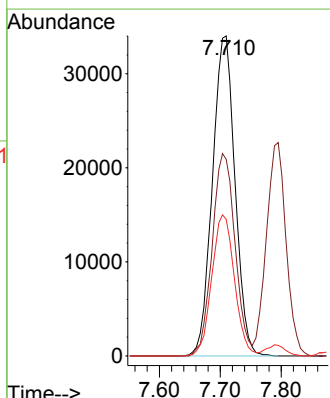
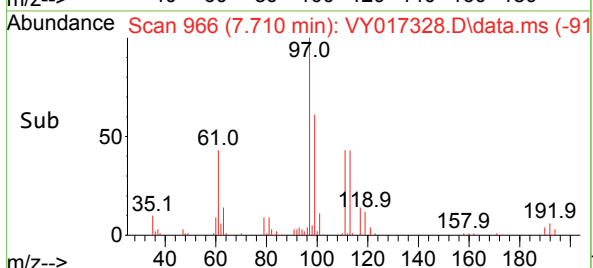
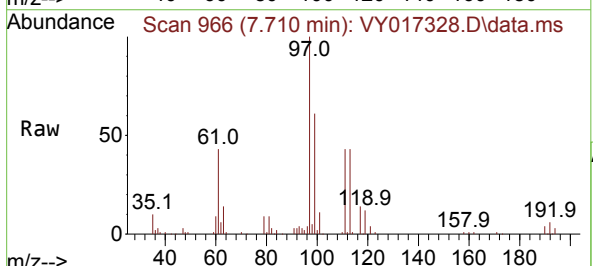


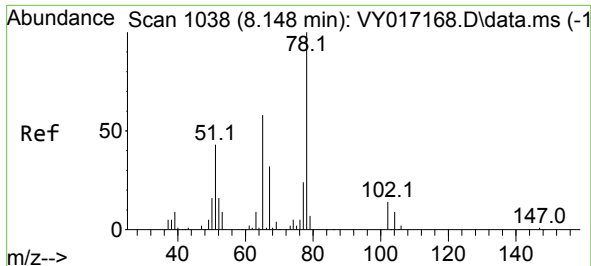
Tgt Ion: 56 Resp: 82114
Ion Ratio Lower Upper
56 100
69 34.7 27.0 40.6
84 93.1 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 55.408 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

Tgt Ion: 97 Resp: 87613
Ion Ratio Lower Upper
97 100
99 64.1 51.2 76.8
61 44.4 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 52.171 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY017328.D

Acq: 08 Feb 2024 21:22

Instrument :

MSVOA_Y

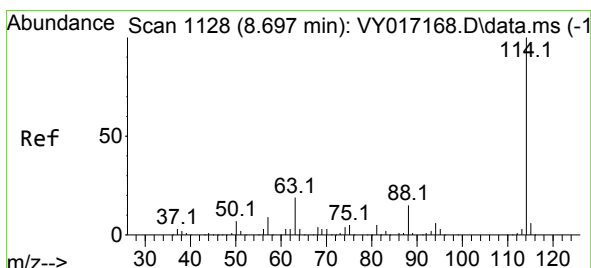
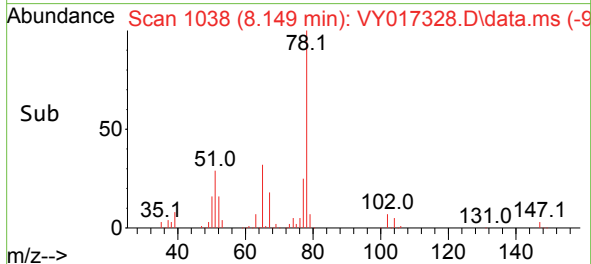
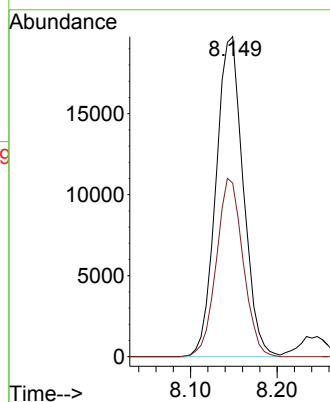
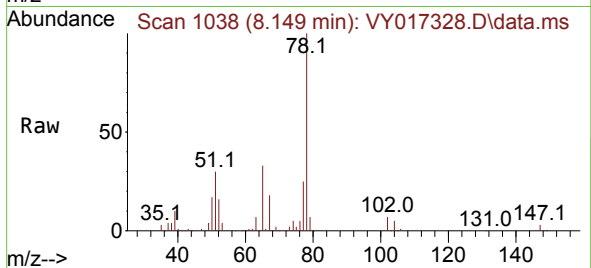
ClientSampleId :

Tgt Ion: 65 Resp: 43203

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017328.D

Acq: 08 Feb 2024 21:22

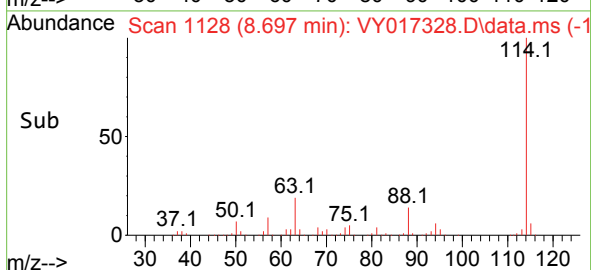
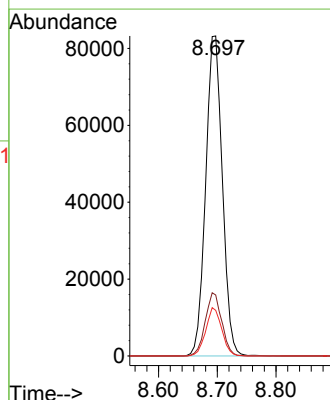
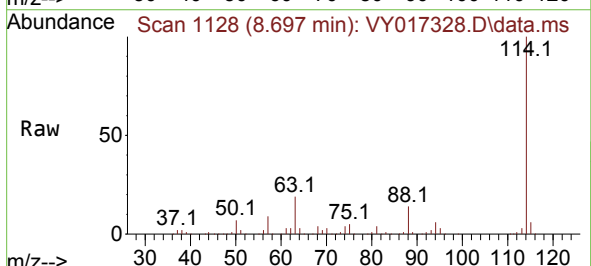
Tgt Ion: 114 Resp: 164159

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.4

88 14.3 0.0 29.0

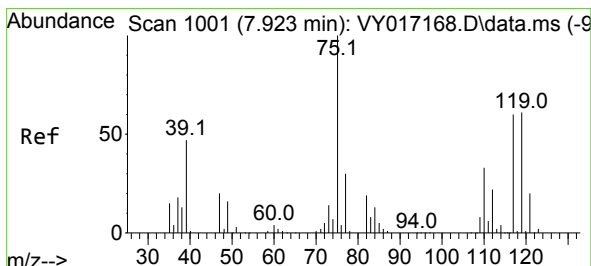
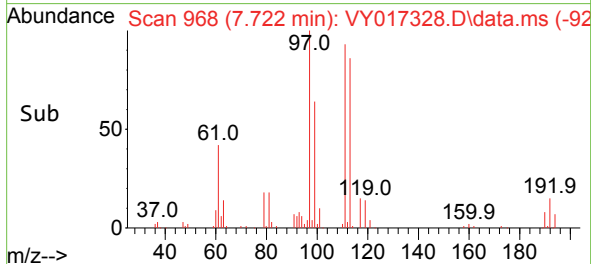
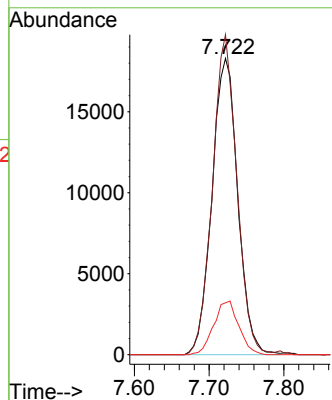
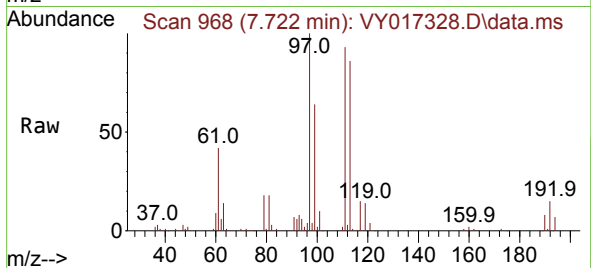




#35
Dibromofluoromethane
Concen: 49.537 ug/l
RT: 7.722 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

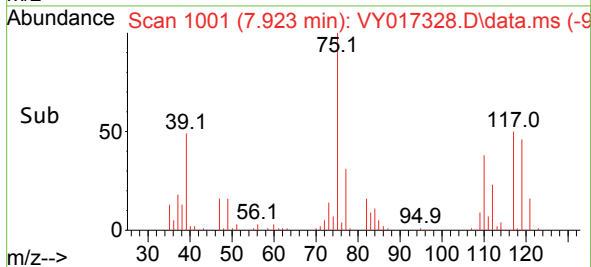
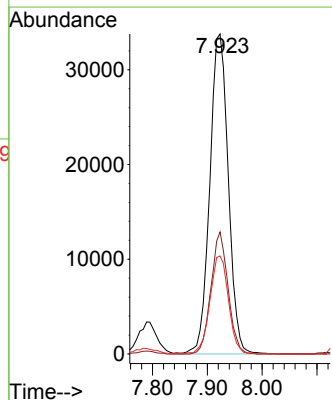
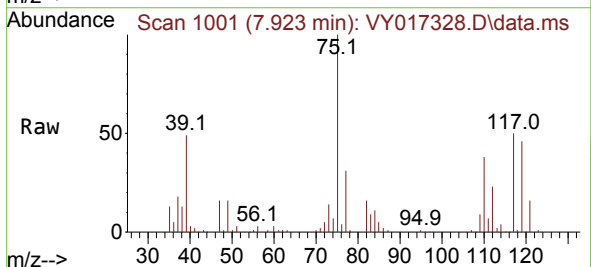
Instrument :
MSVOA_Y
ClientSampleId :

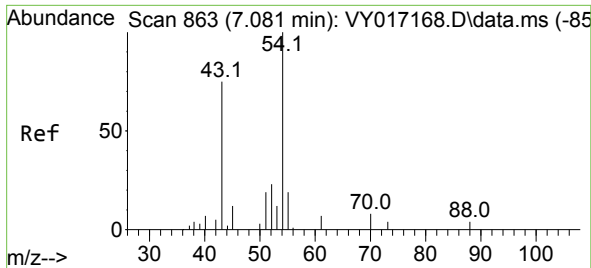
Tgt Ion:113 Resp: 43907
Ion Ratio Lower Upper
113 100
111 101.7 83.8 125.6
192 17.6 14.5 21.7



#36
1,1-Dichloropropene
Concen: 51.690 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

Tgt Ion: 75 Resp: 79029
Ion Ratio Lower Upper
75 100
110 35.1 17.4 52.3
77 30.7 24.7 37.1

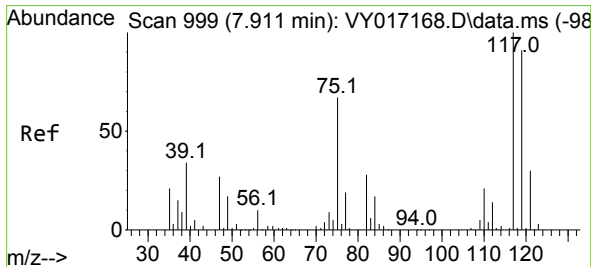
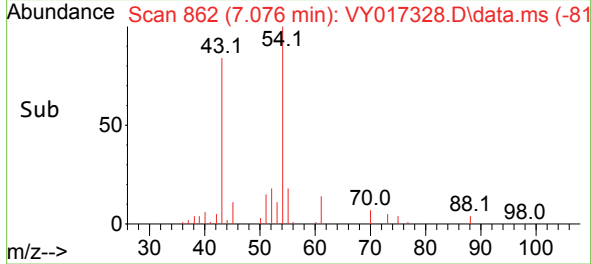
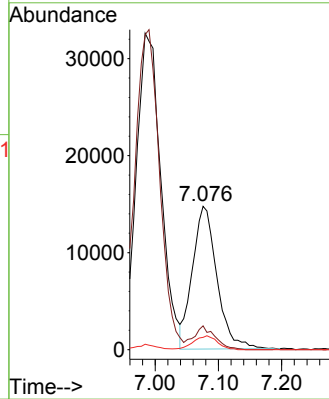
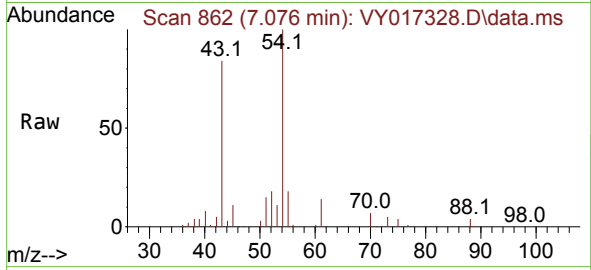




#37
Ethyl Acetate
Concen: 55.826 ug/l
RT: 7.076 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

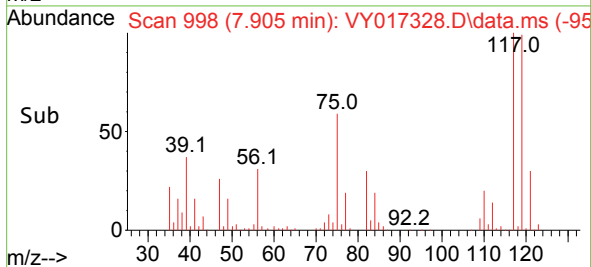
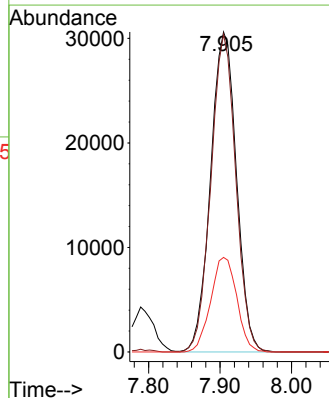
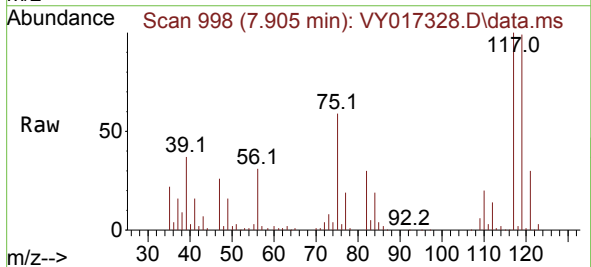
Instrument :
MSVOA_Y
ClientSampleId :

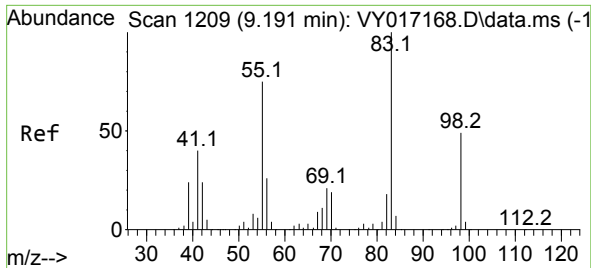
Tgt Ion: 43	Resp:	39587
Ion	Ratio	Lower Upper
43	100	
61	14.6	11.0 16.6
70	9.5	8.1 12.1



#38
Carbon Tetrachloride
Concen: 52.594 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

Tgt Ion: 117	Resp:	76990
Ion	Ratio	Lower Upper
117	100	
119	99.3	76.0 114.0
121	29.6	24.2 36.2

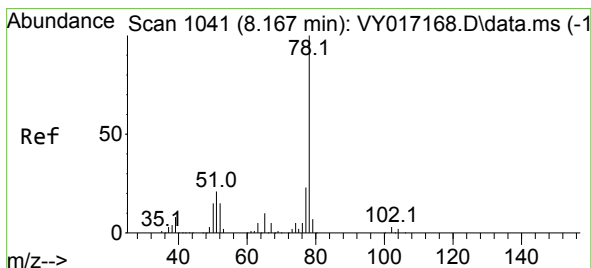
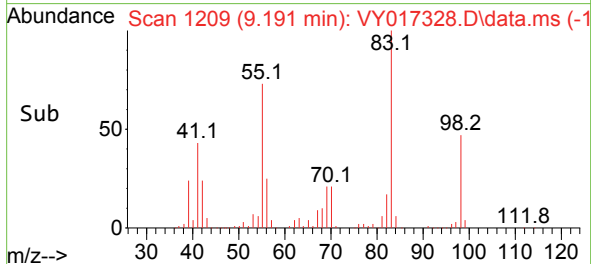
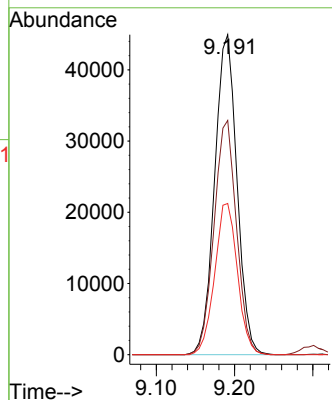
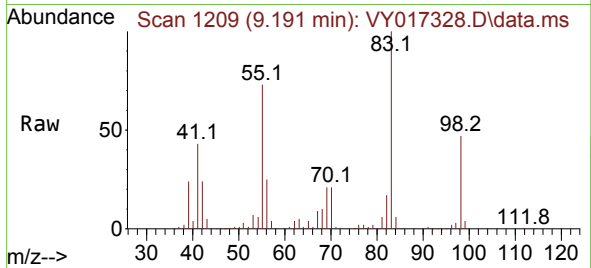




#39
Methylcyclohexane
Concen: 49.862 ug/l
RT: 9.191 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

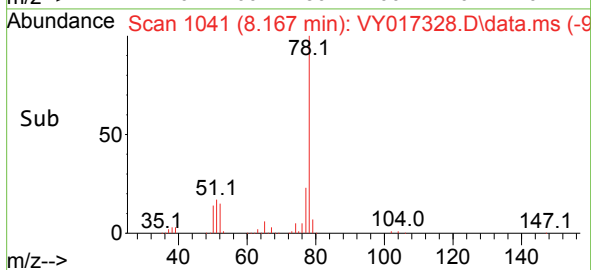
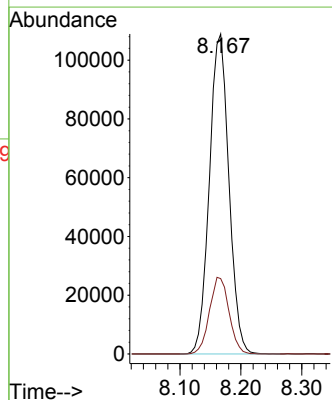
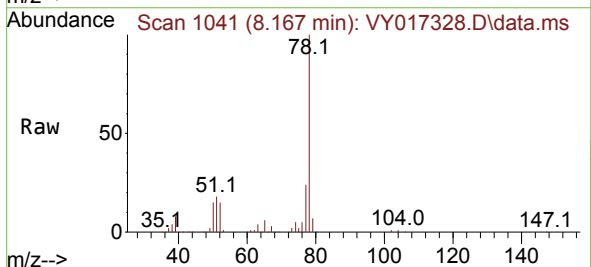
Instrument :
MSVOA_Y
ClientSampleId :

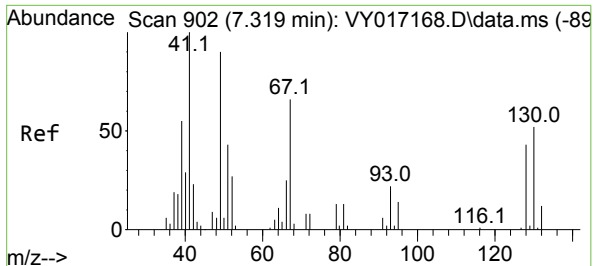
Tgt Ion: 83 Resp: 89062
Ion Ratio Lower Upper
83 100
55 73.2 59.7 89.5
98 47.3 38.0 57.0



#40
Benzene
Concen: 55.452 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

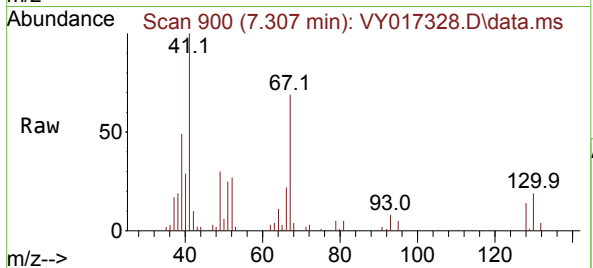
Tgt Ion: 78 Resp: 242110
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2



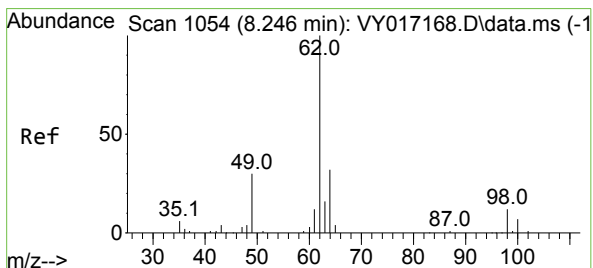
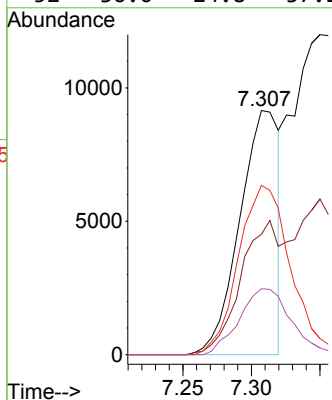
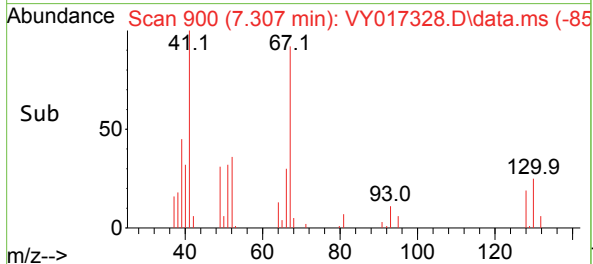


#41
Methacrylonitrile
Concen: 54.385 ug/l
RT: 7.307 min Scan# 902
Delta R.T. -0.012 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

Instrument :
MSVOA_Y
ClientSampleId :

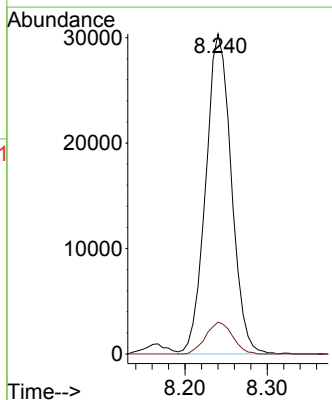
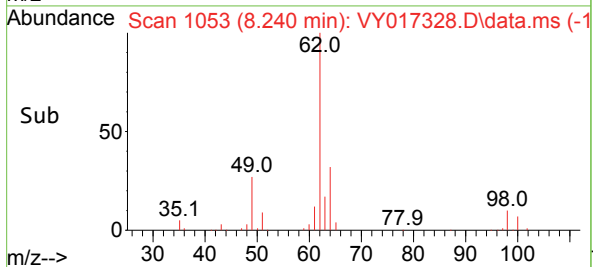
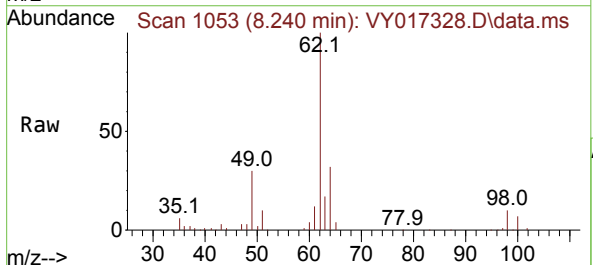


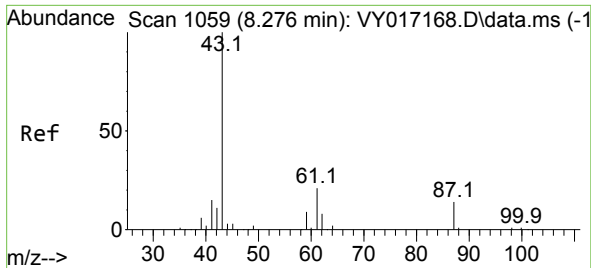
Tgt Ion: 41	Resp: 18272
Ion Ratio	Lower Upper
41 100	
39 61.2	41.9 62.9
67 91.9	59.8 89.6#
52 36.0	24.8 37.2



#42
1,2-Dichloroethane
Concen: 56.852 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

Tgt Ion: 62	Resp: 65721
Ion Ratio	Lower Upper
62 100	
98 10.3	0.0 20.2

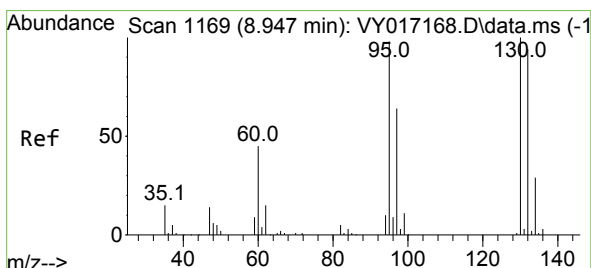
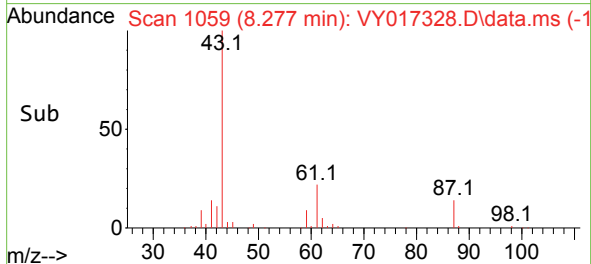
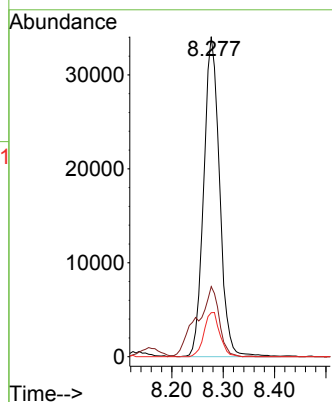
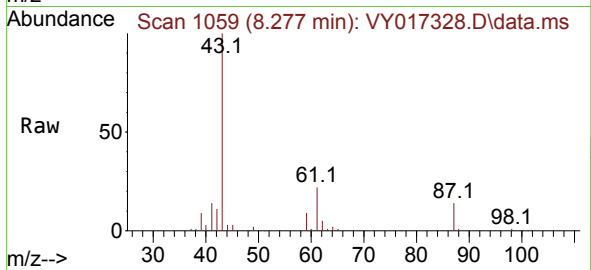




#43
Isopropyl Acetate
Concen: 58.012 ug/l
RT: 8.277 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

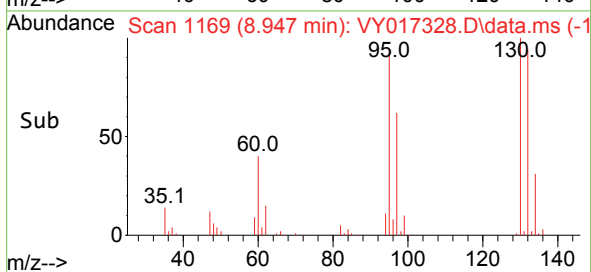
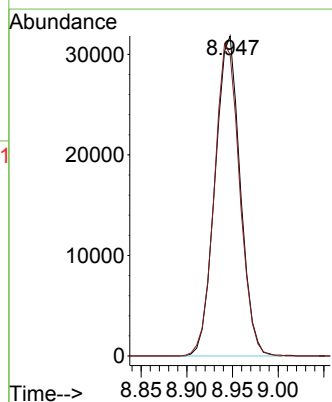
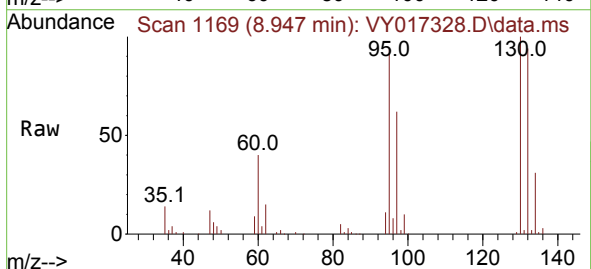
Instrument :
MSVOA_Y
ClientSampleId :

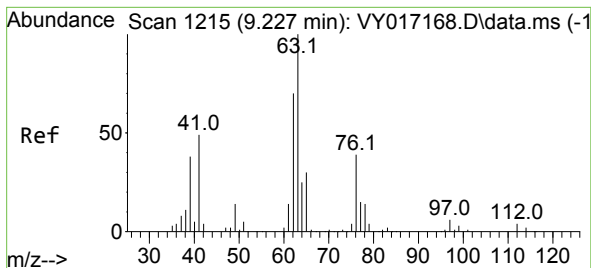
Tgt Ion: 43 Resp: 72822
Ion Ratio Lower Upper
43 100
61 30.7 24.8 37.2
87 13.8 10.7 16.1



#44
Trichloroethene
Concen: 54.830 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

Tgt Ion:130 Resp: 60768
Ion Ratio Lower Upper
130 100
95 94.3 0.0 203.8





#45

1,2-Dichloropropane

Concen: 57.175 ug/l

RT: 9.222 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017328.D

Acq: 08 Feb 2024 21:22

Instrument :

MSVOA_Y

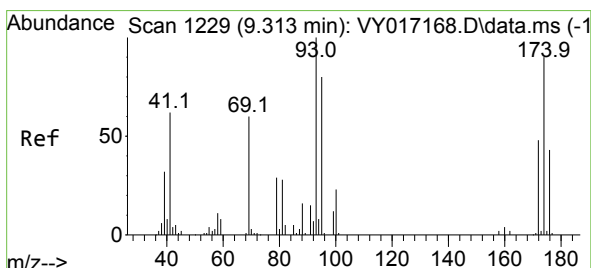
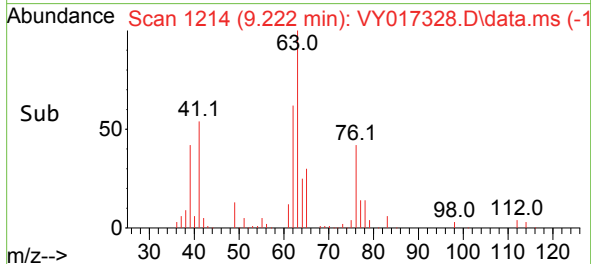
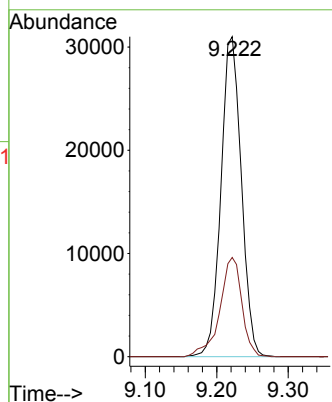
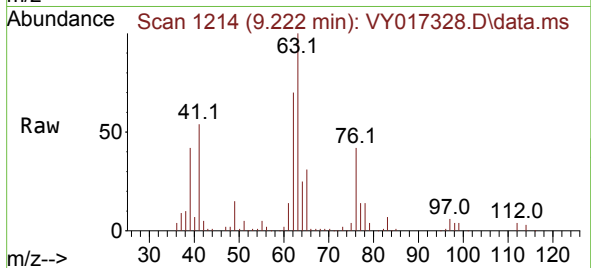
ClientSampleId :

Tgt Ion: 63 Resp: 61316

Ion Ratio Lower Upper

63 100

65 31.0 24.6 36.8



#46

Dibromomethane

Concen: 59.048 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY017328.D

Acq: 08 Feb 2024 21:22

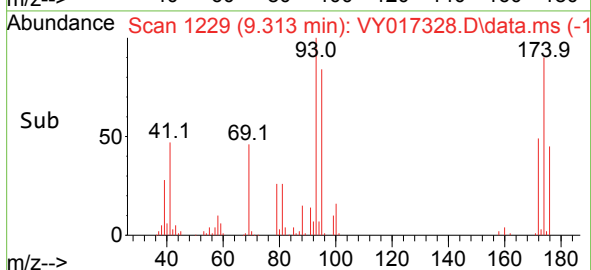
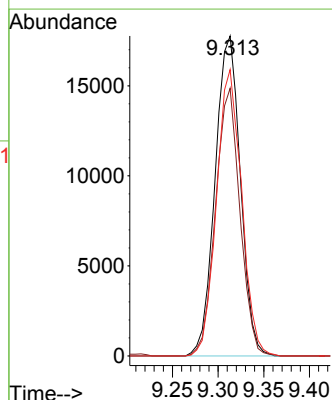
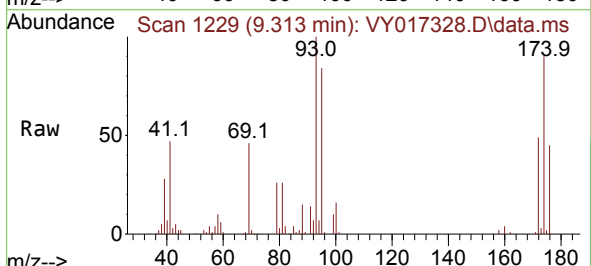
Tgt Ion: 93 Resp: 34207

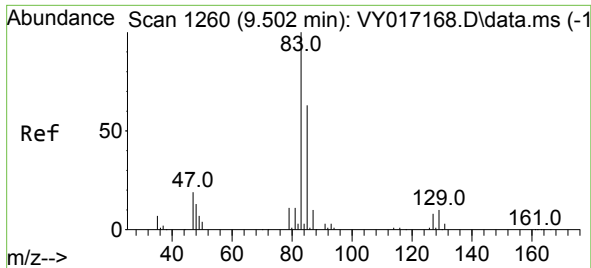
Ion Ratio Lower Upper

93 100

95 80.8 66.6 99.8

174 88.7 73.8 110.6

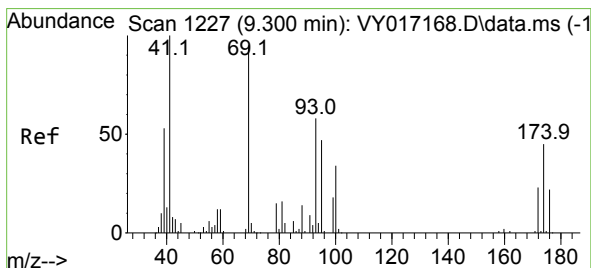
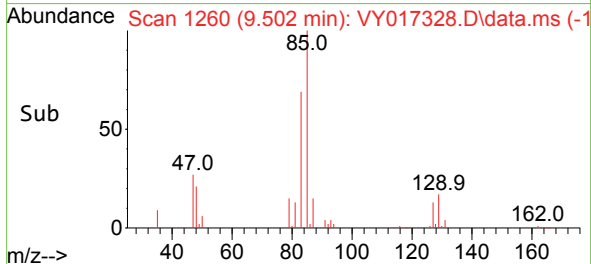
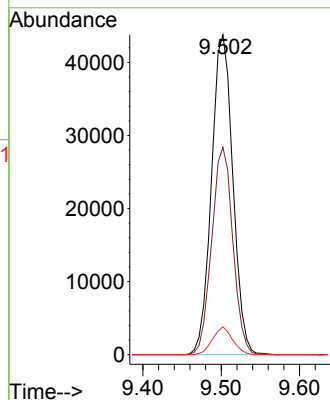
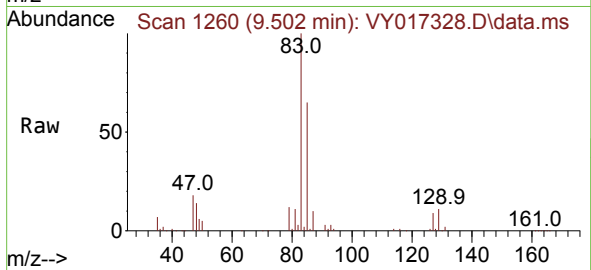




#47
Bromodichloromethane
Concen: 57.206 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

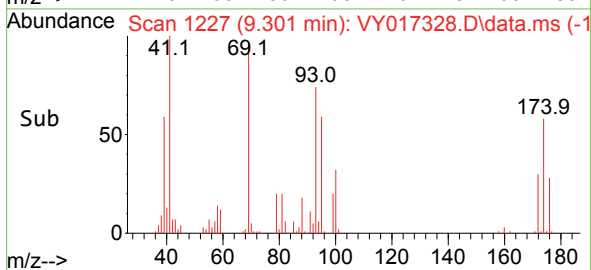
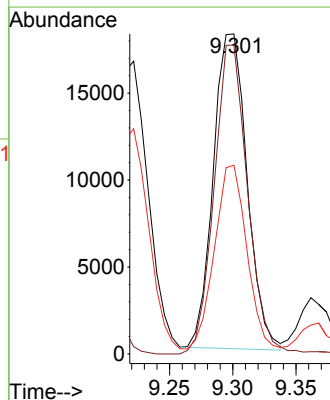
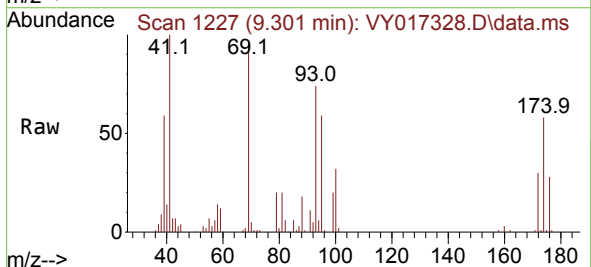
Instrument :
MSVOA_Y
ClientSampleId :

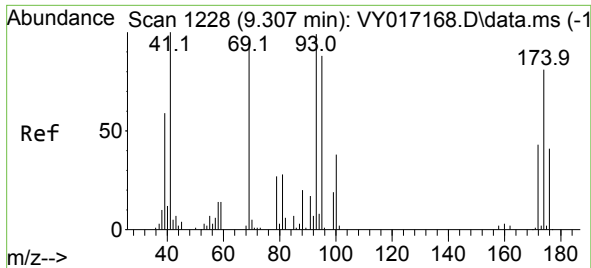
Tgt Ion: 83 Resp: 82937
Ion Ratio Lower Upper
83 100
85 64.8 53.2 79.8
127 8.7 6.4 9.6



#48
Methyl methacrylate
Concen: 57.060 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

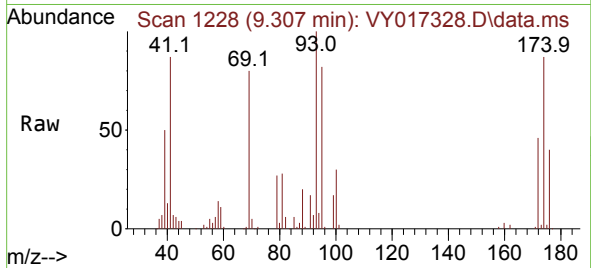
Tgt Ion: 41 Resp: 33597
Ion Ratio Lower Upper
41 100
69 97.7 72.1 108.1
39 58.7 42.8 64.2



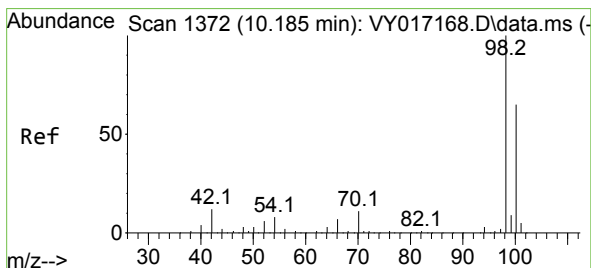
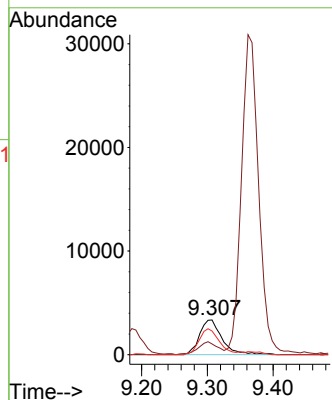
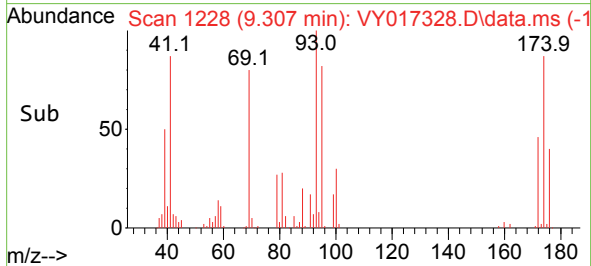


#49
1,4-Dioxane
Concen: 1267.480 ug/l
RT: 9.307 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

Instrument :
MSVOA_Y
ClientSampleId :

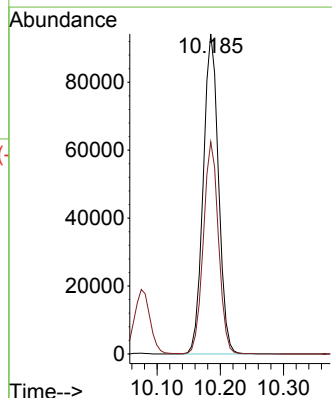
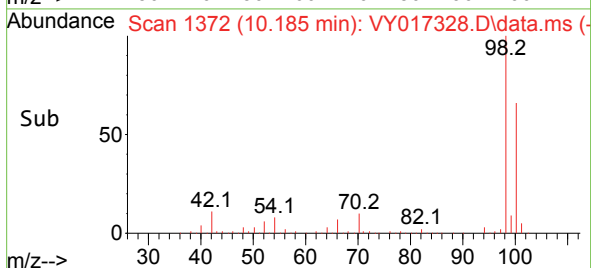
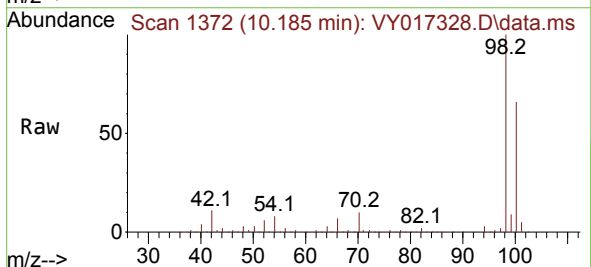


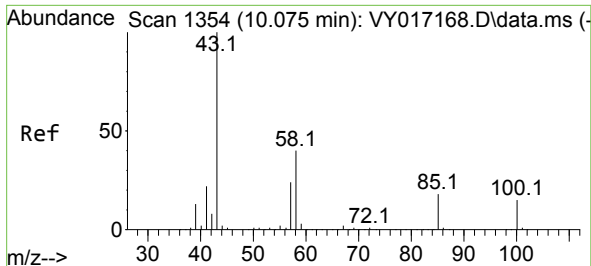
Tgt Ion: 88 Resp: 7992
Ion Ratio Lower Upper
88 100
43 32.3 28.2 42.4
58 66.3 52.2 78.2



#50
Toluene-d8
Concen: 49.069 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

Tgt Ion: 98 Resp: 158352
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 311.464 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. 0.000 min

Lab File: VY017328.D

Acq: 08 Feb 2024 21:22

Instrument :

MSVOA_Y

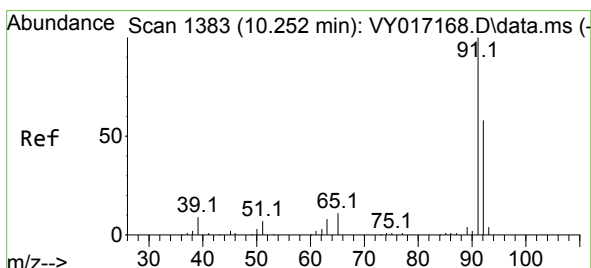
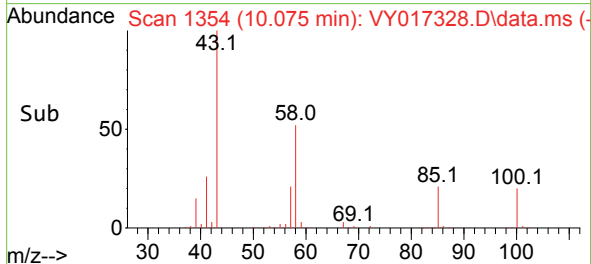
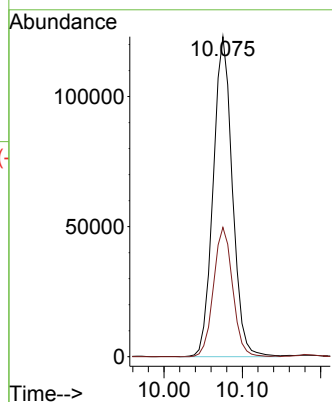
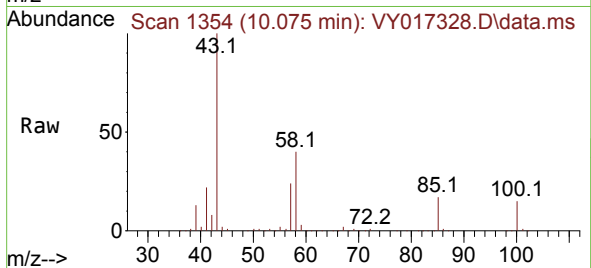
ClientSampleId :

Tgt Ion: 43 Resp: 209583

Ion Ratio Lower Upper

43 100

58 40.2 32.2 48.2



#52

Toluene

Concen: 55.763 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VY017328.D

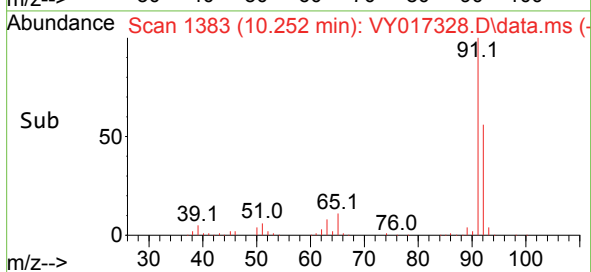
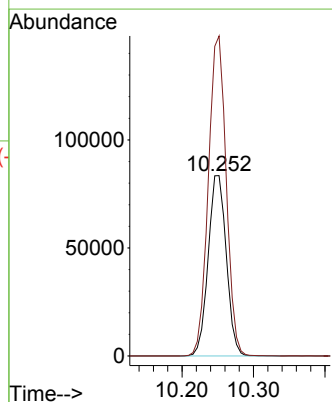
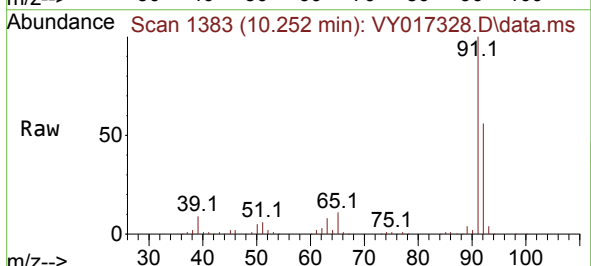
Acq: 08 Feb 2024 21:22

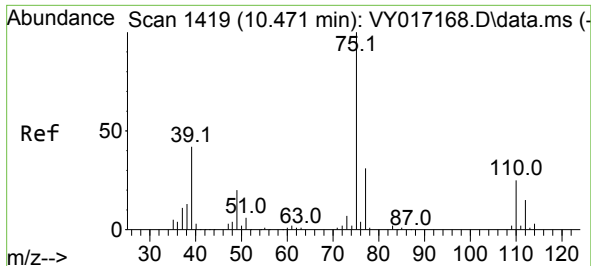
Tgt Ion: 92 Resp: 146958

Ion Ratio Lower Upper

92 100

91 175.1 137.6 206.4

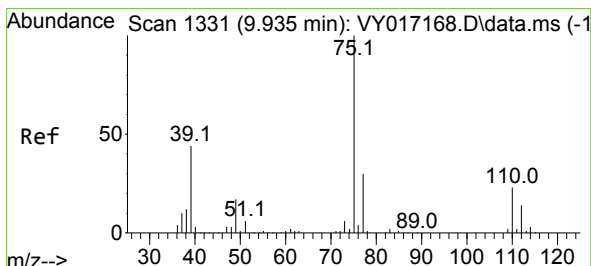
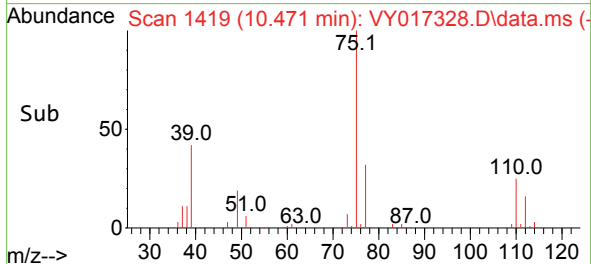
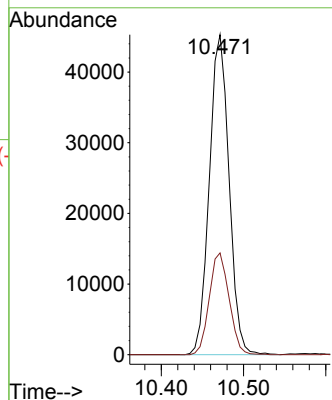
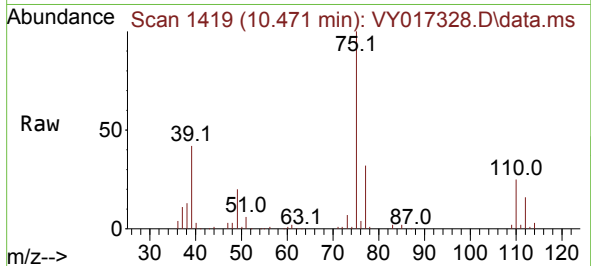




#53
 t-1,3-Dichloropropene
 Concen: 55.463 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017328.D
 Acq: 08 Feb 2024 21:22

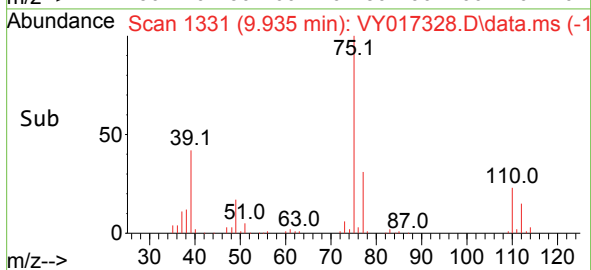
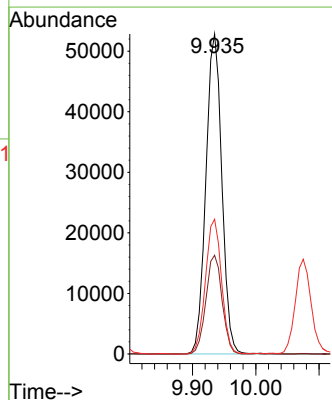
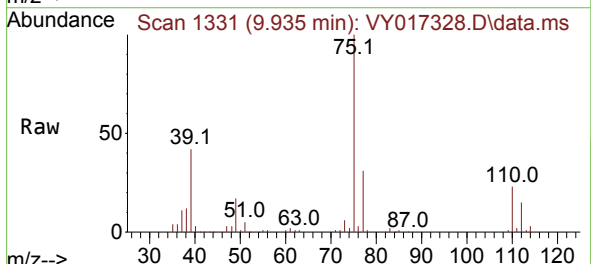
Instrument :
 MSVOA_Y
 ClientSampleId :

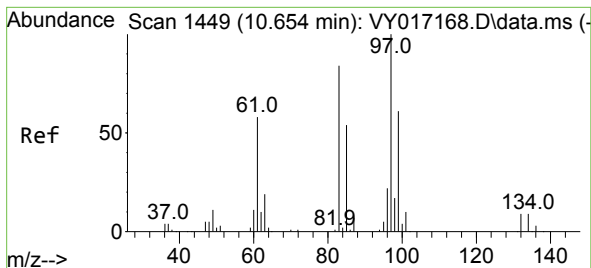
Tgt Ion: 75 Resp: 75529
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 56.769 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY017328.D
 Acq: 08 Feb 2024 21:22

Tgt Ion: 75 Resp: 92597
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.6 36.8
 39 42.1 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 58.621 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.006 min

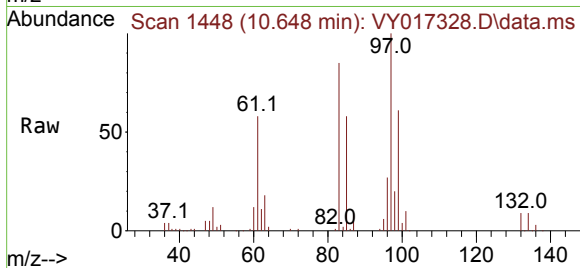
Lab File: VY017328.D

Acq: 08 Feb 2024 21:22

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 46204

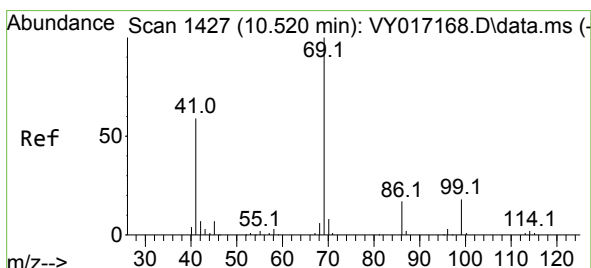
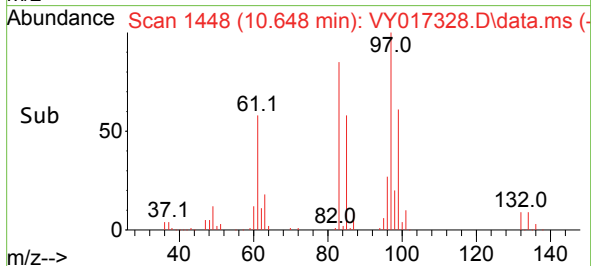
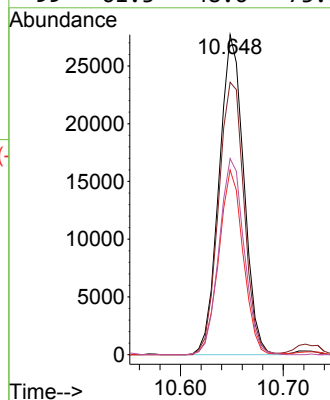
Ion Ratio Lower Upper

97 100

83 85.1 69.4 104.2

85 57.7 43.9 65.9

99 61.3 48.6 73.0



#56

Ethyl methacrylate

Concen: 55.288 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VY017328.D

Acq: 08 Feb 2024 21:22

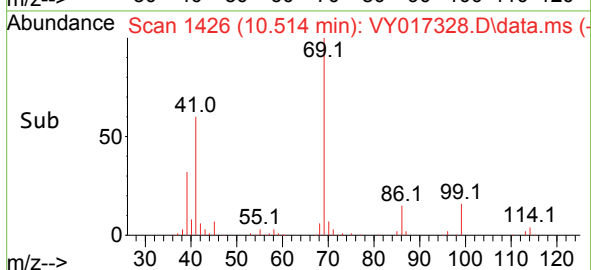
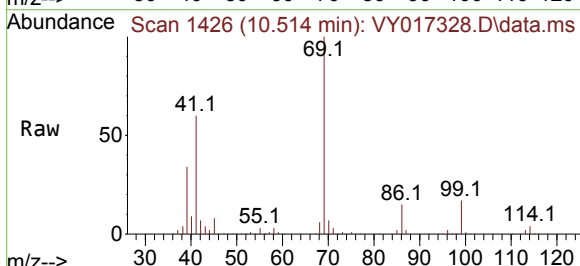
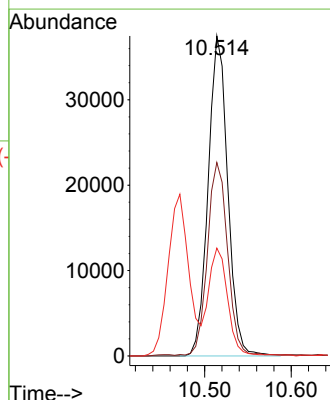
Tgt Ion: 69 Resp: 58989

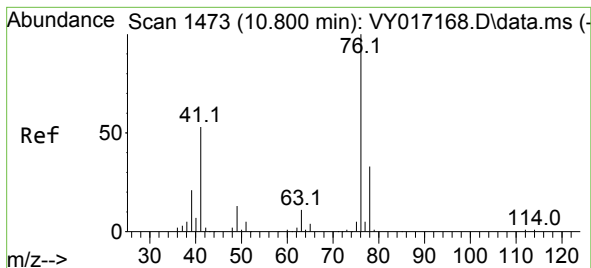
Ion Ratio Lower Upper

69 100

41 61.7 49.2 73.8

39 32.9 26.8 40.2





#57

1,3-Dichloropropane

Concen: 58.677 ug/l

RT: 10.794 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY017328.D

Acq: 08 Feb 2024 21:22

Instrument :

MSVOA_Y

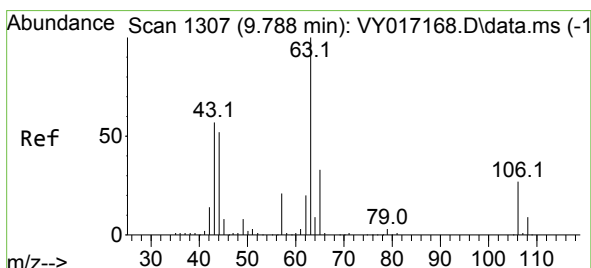
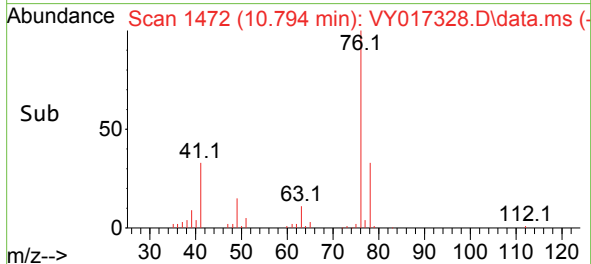
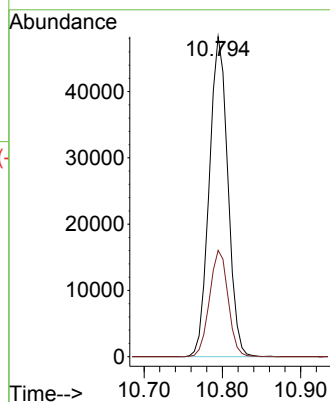
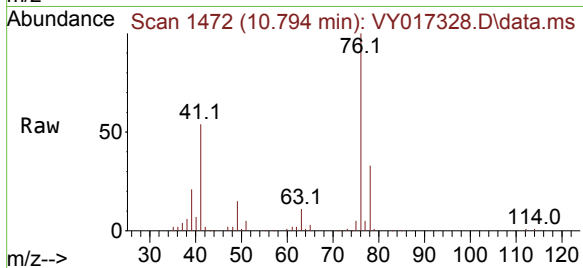
ClientSampleId :

Tgt Ion: 76 Resp: 79545

Ion Ratio Lower Upper

76 100

78 33.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 268.169 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY017328.D

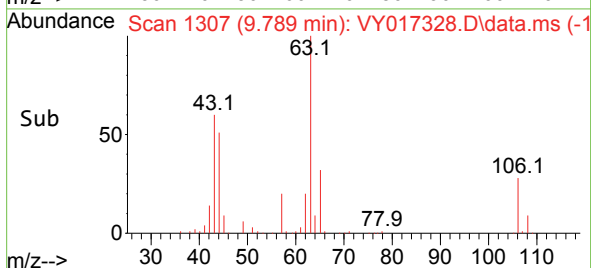
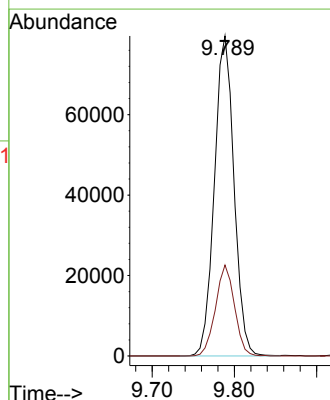
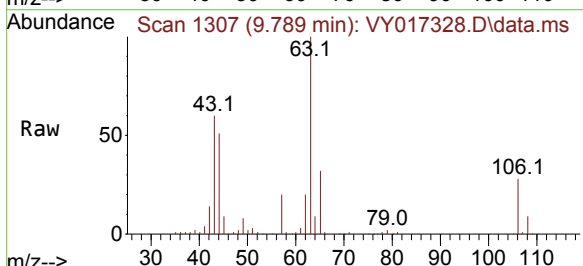
Acq: 08 Feb 2024 21:22

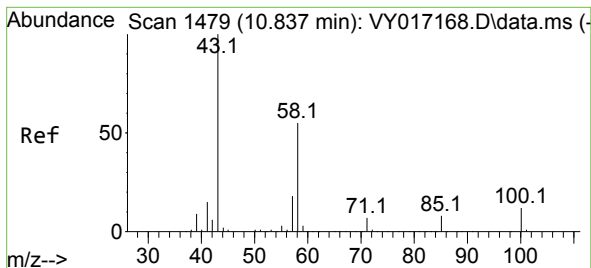
Tgt Ion: 63 Resp: 131677

Ion Ratio Lower Upper

63 100

106 27.5 22.4 33.6





#59

2-Hexanone

Concen: 286.308 ug/l

RT: 10.837 min Scan# 1479

Delta R.T. 0.000 min

Lab File: VY017328.D

Acq: 08 Feb 2024 21:22

Instrument :

MSVOA_Y

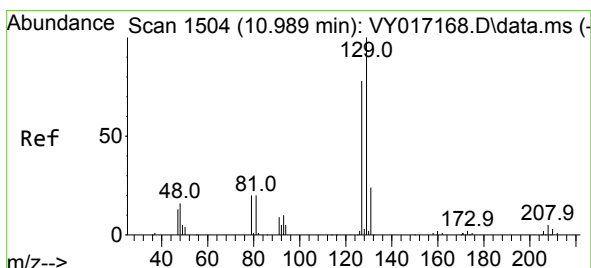
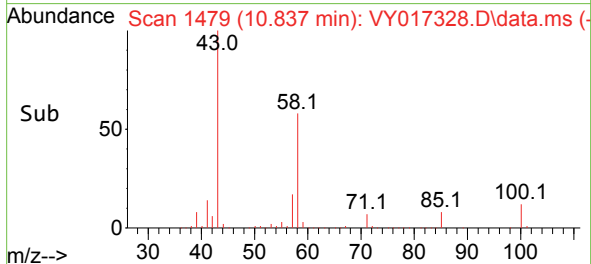
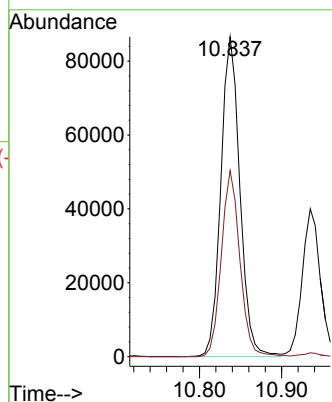
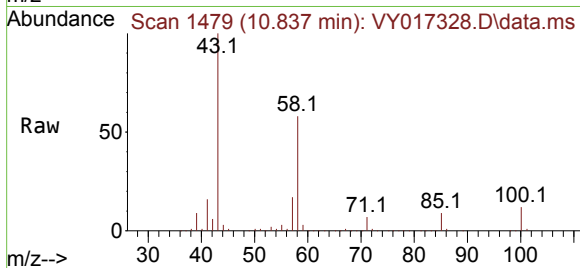
ClientSampleId :

Tgt Ion: 43 Resp: 139310

Ion Ratio Lower Upper

43 100

58 56.8 28.1 84.3



#60

Dibromochloromethane

Concen: 58.355 ug/l

RT: 10.990 min Scan# 1504

Delta R.T. 0.000 min

Lab File: VY017328.D

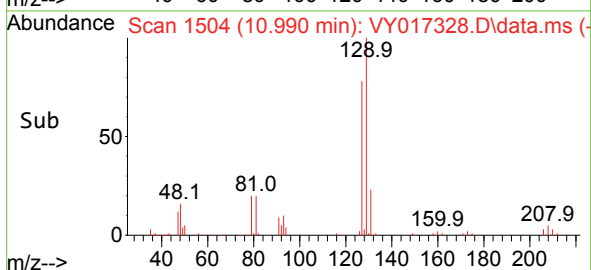
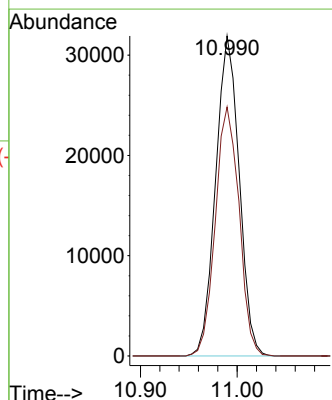
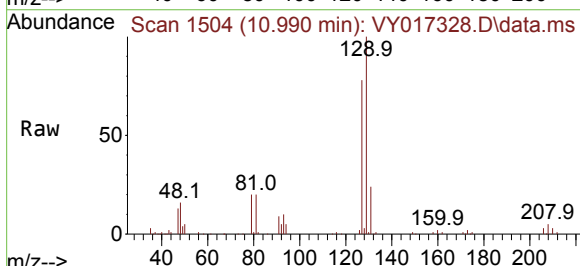
Acq: 08 Feb 2024 21:22

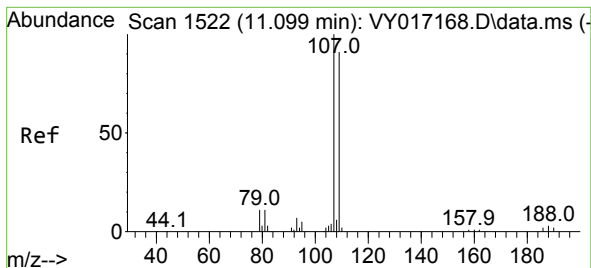
Tgt Ion:129 Resp: 53958

Ion Ratio Lower Upper

129 100

127 78.5 39.2 117.6





#61

1,2-Dibromoethane

Concen: 58.578 ug/l

RT: 11.093 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017328.D

Acq: 08 Feb 2024 21:22

Instrument :

MSVOA_Y

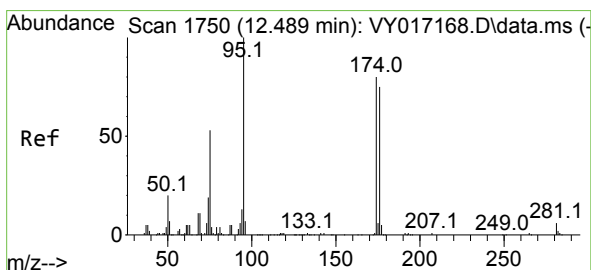
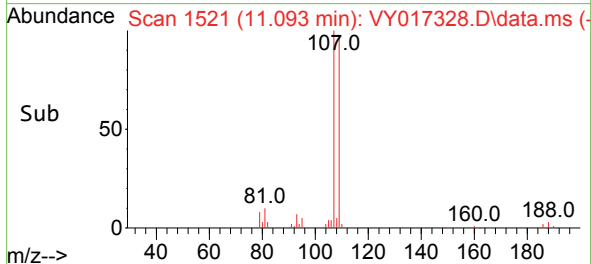
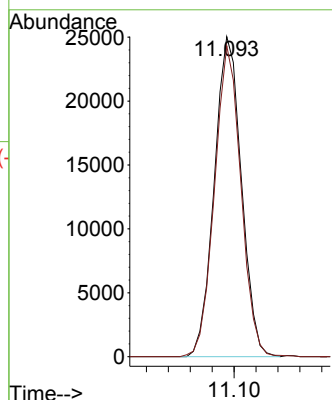
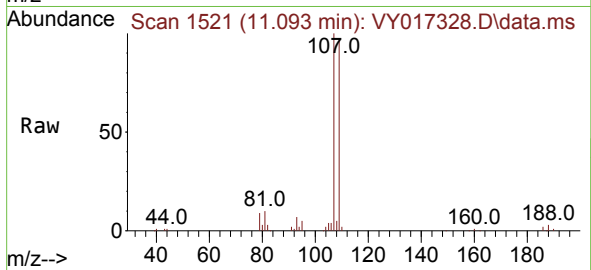
ClientSampleId :

Tgt Ion:107 Resp: 42940

Ion Ratio Lower Upper

107 100

109 94.6 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 50.105 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017328.D

Acq: 08 Feb 2024 21:22

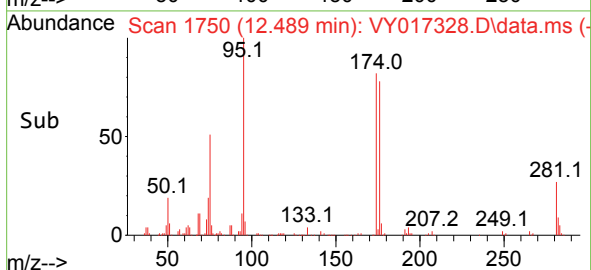
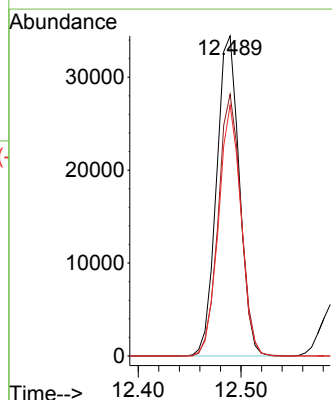
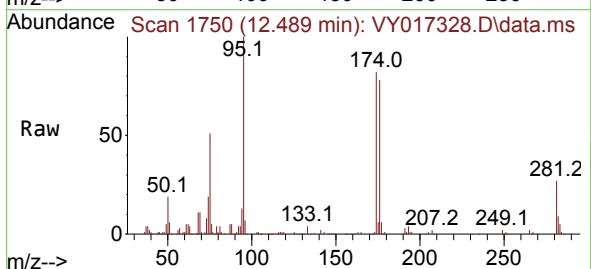
Tgt Ion: 95 Resp: 52969

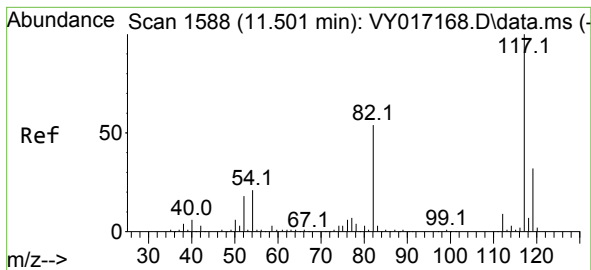
Ion Ratio Lower Upper

95 100

174 81.5 0.0 160.0

176 77.4 0.0 151.8

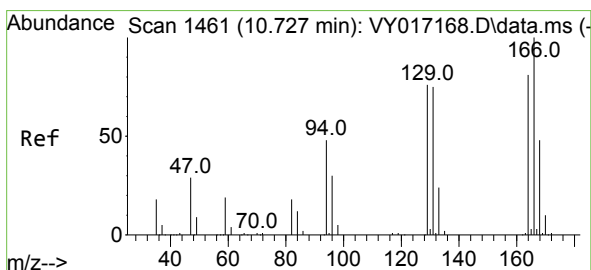
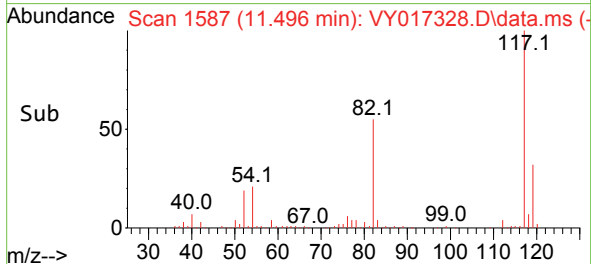
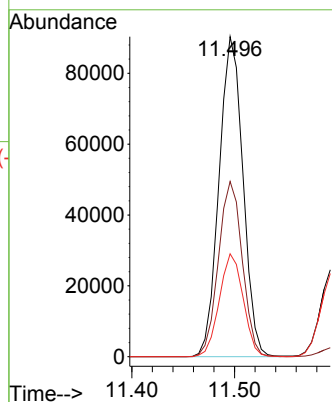
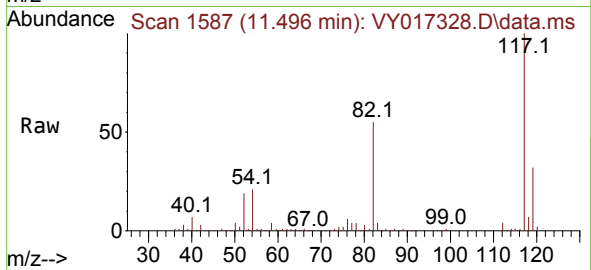




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

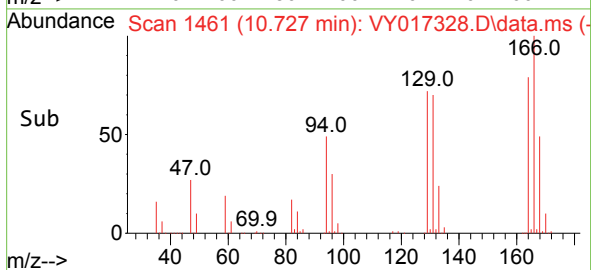
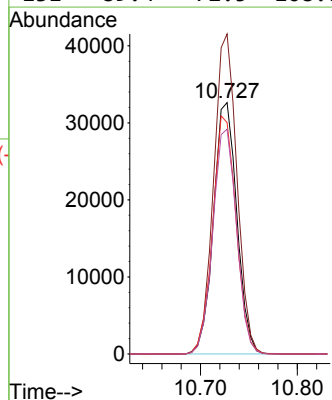
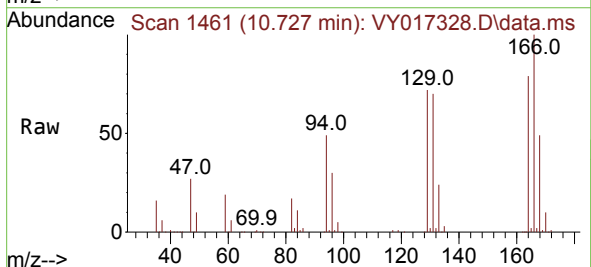
Instrument :
MSVOA_Y
ClientSampleId :

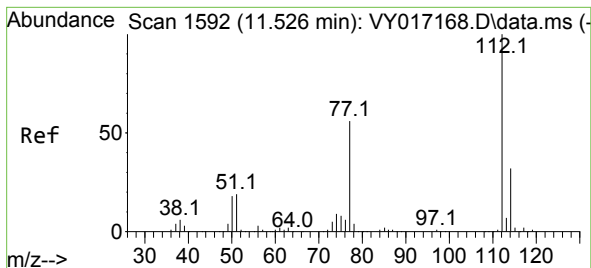
Tgt Ion:117 Resp: 145987
Ion Ratio Lower Upper
117 100
82 54.7 43.8 65.8
119 32.1 26.5 39.7



#64
Tetrachloroethene
Concen: 57.687 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

Tgt Ion:164 Resp: 54694
Ion Ratio Lower Upper
164 100
166 127.3 98.8 148.2
129 92.1 78.9 118.3
131 89.4 72.5 108.7

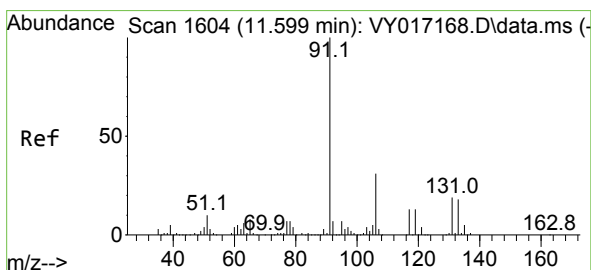
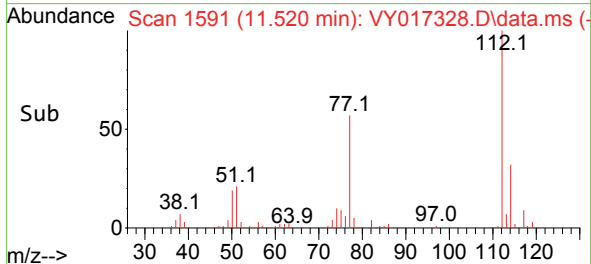
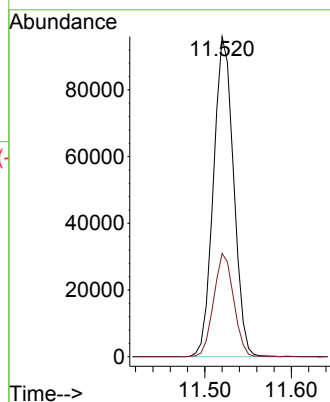
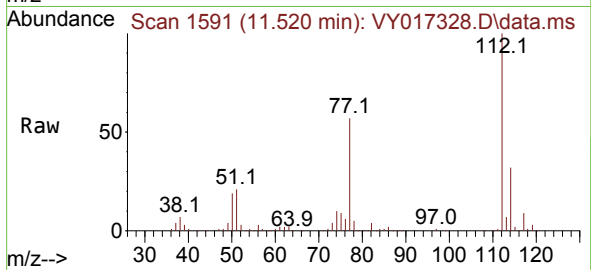




#65
Chlorobenzene
Concen: 54.995 ug/l
RT: 11.520 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

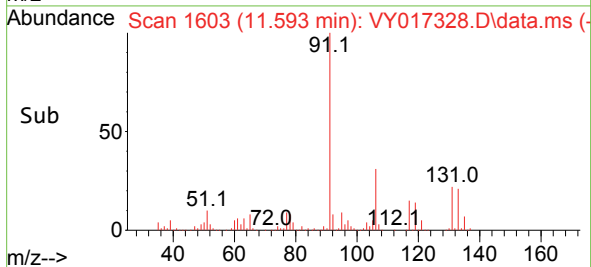
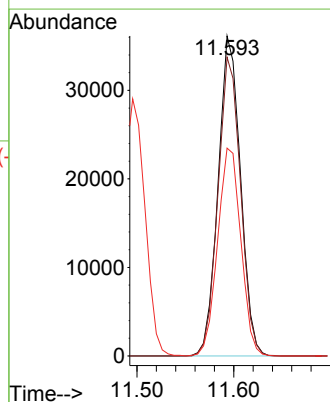
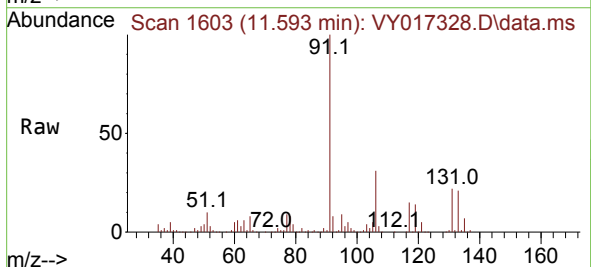
Instrument :
MSVOA_Y
ClientSampleId :

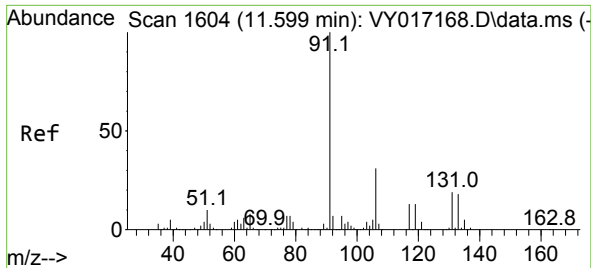
Tgt Ion:112 Resp: 154876
Ion Ratio Lower Upper
112 100
114 32.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 56.737 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

Tgt Ion:131 Resp: 58067
Ion Ratio Lower Upper
131 100
133 94.1 47.0 141.0
119 67.5 33.3 99.9

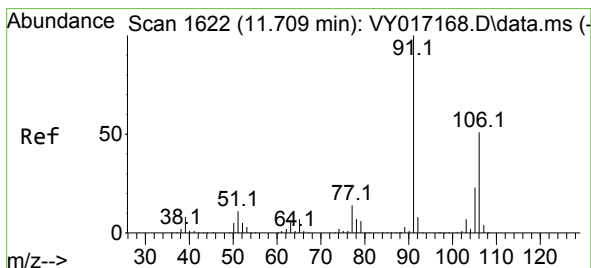
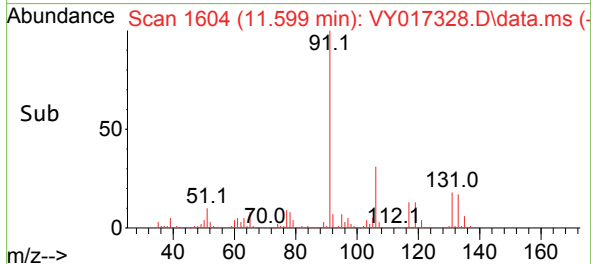
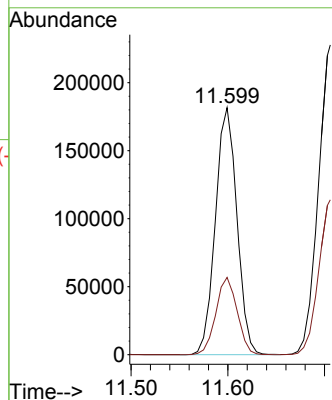
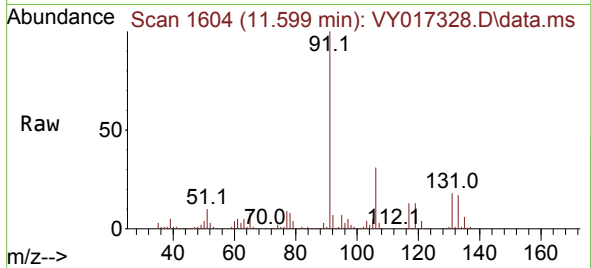




#67
Ethyl Benzene
Concen: 55.162 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

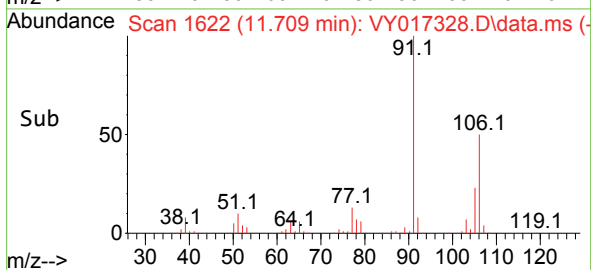
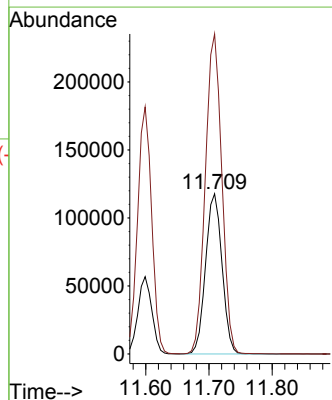
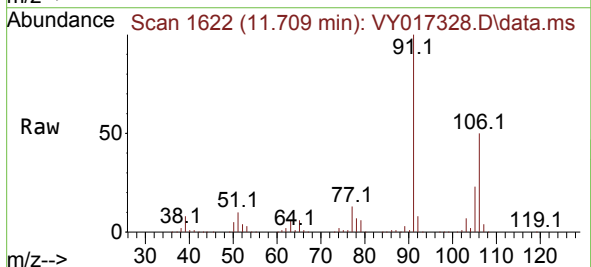
Instrument :
MSVOA_Y
ClientSampleId :

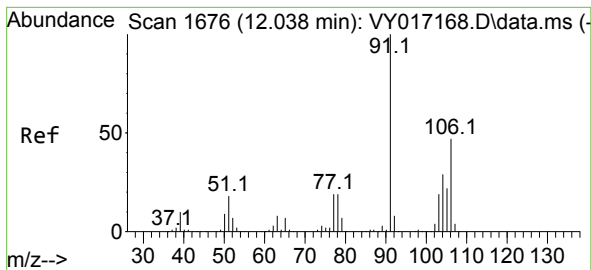
Tgt Ion: 91 Resp: 280758
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.4



#68
m/p-Xylenes
Concen: 110.396 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

Tgt Ion:106 Resp: 213232
Ion Ratio Lower Upper
106 100
91 200.2 160.7 241.1





#69

o-Xylene

Concen: 56.739 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017328.D

Acq: 08 Feb 2024 21:22

Instrument :

MSVOA_Y

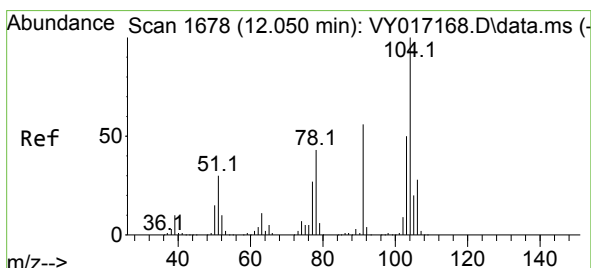
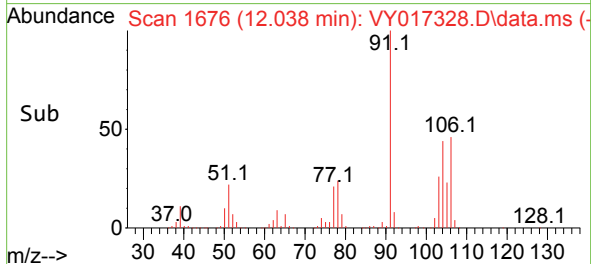
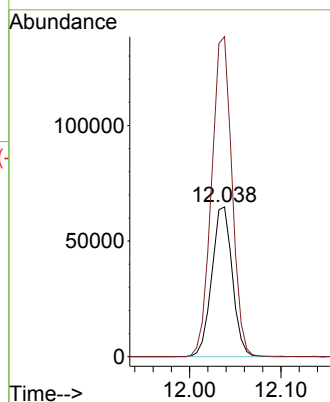
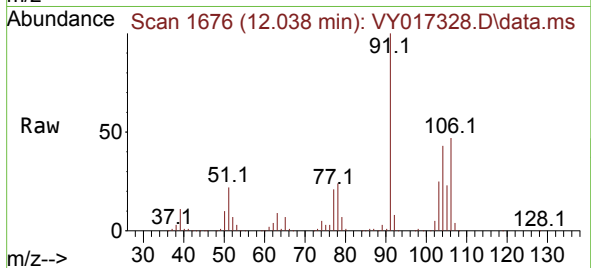
ClientSampleId :

Tgt Ion:106 Resp: 100922

Ion Ratio Lower Upper

106 100

91 213.0 106.5 319.5



#70

Styrene

Concen: 58.400 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017328.D

Acq: 08 Feb 2024 21:22

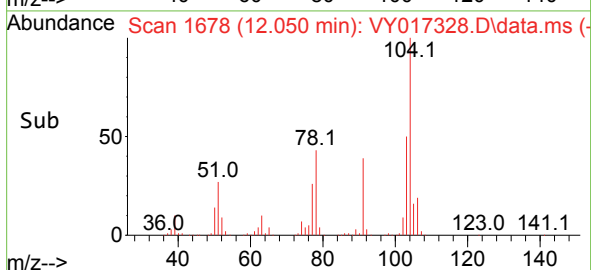
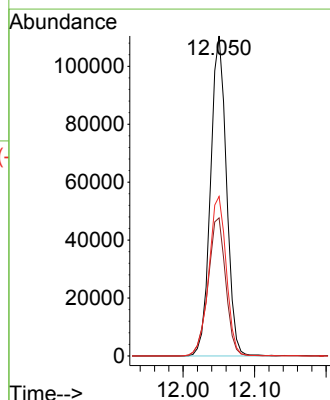
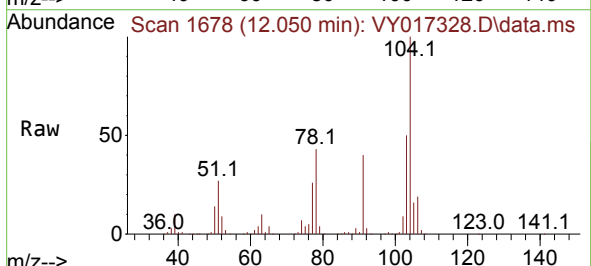
Tgt Ion:104 Resp: 171154

Ion Ratio Lower Upper

104 100

78 47.7 39.2 58.8

103 54.6 43.8 65.6





#71

Bromoform

Concen: 58.090 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY017328.D

Acq: 08 Feb 2024 21:22

Instrument :

MSVOA_Y

ClientSampleId :

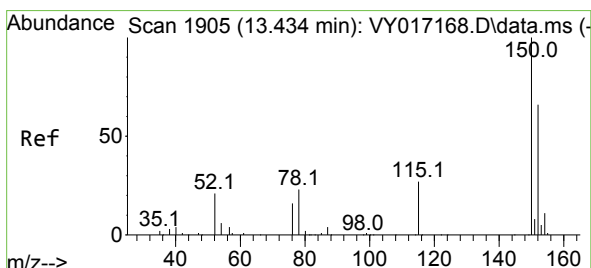
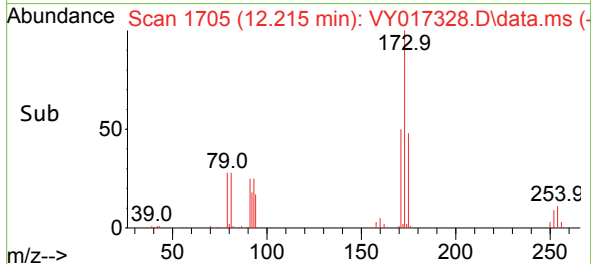
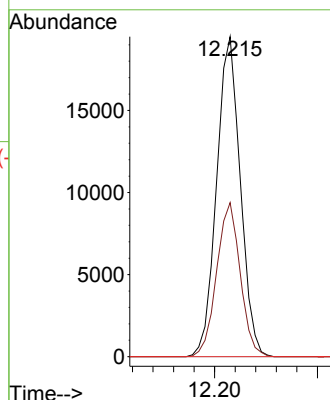
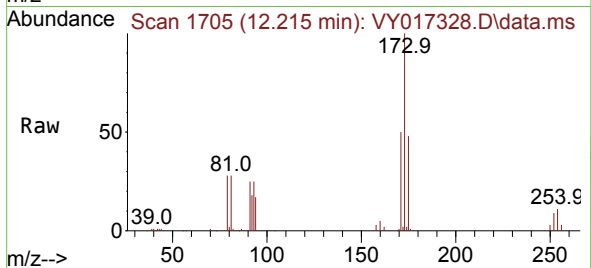
Tgt Ion:173 Resp: 31135

Ion Ratio Lower Upper

173 100

175 47.9 23.5 70.6

254 0.0 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: VY017328.D

Acq: 08 Feb 2024 21:22

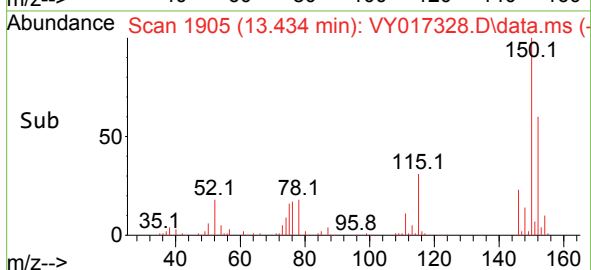
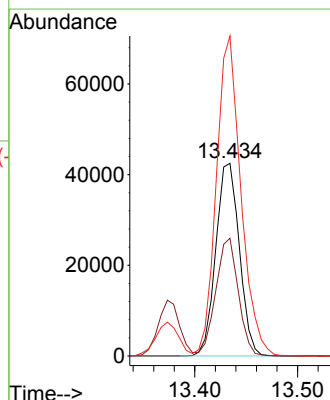
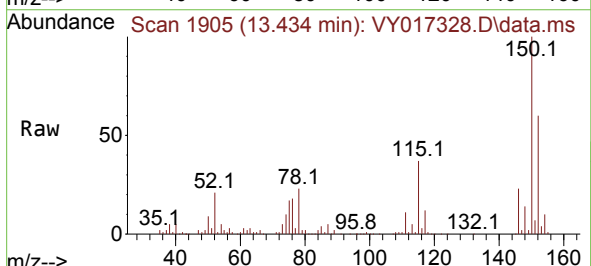
Tgt Ion:152 Resp: 67587

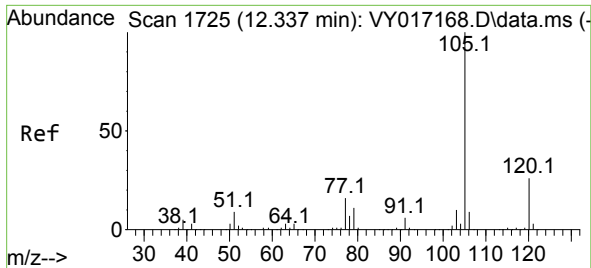
Ion Ratio Lower Upper

152 100

115 58.7 30.0 90.0

150 173.1 0.0 344.6

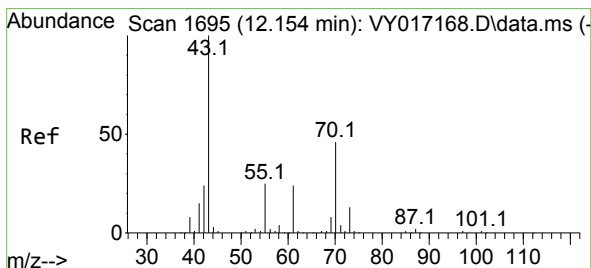
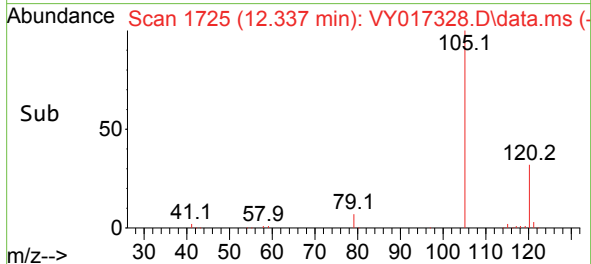
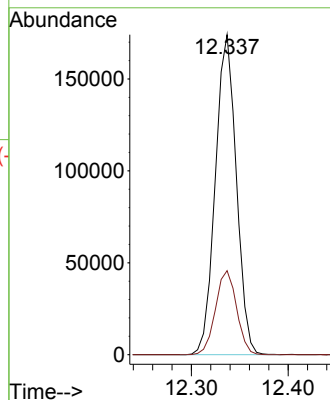
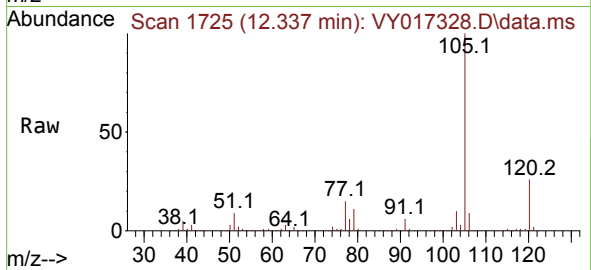




#73
Isopropylbenzene
Concen: 52.772 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.000 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

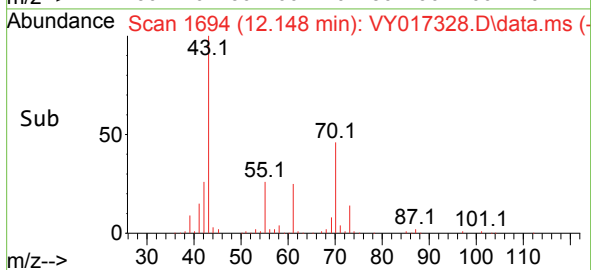
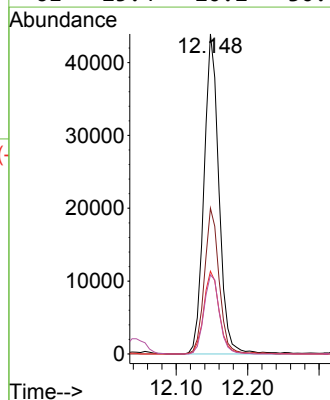
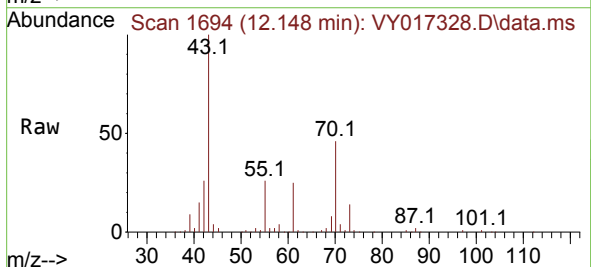
Instrument :
MSVOA_Y
ClientSampleId :

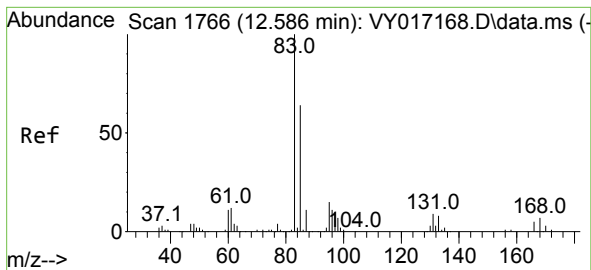
Tgt Ion:105 Resp: 262025
Ion Ratio Lower Upper
105 100
120 26.4 13.0 39.0



#74
N-ethyl acetate
Concen: 57.212 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.006 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

Tgt Ion: 43 Resp: 63828
Ion Ratio Lower Upper
43 100
70 44.5 36.6 55.0
55 27.3 22.2 33.4
61 25.4 20.2 30.4

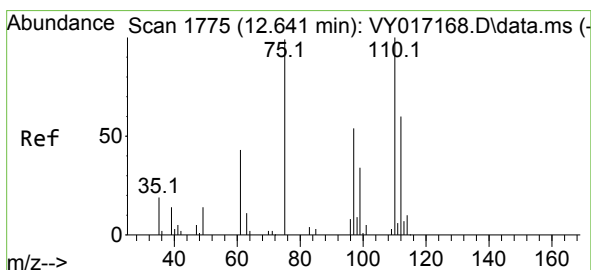
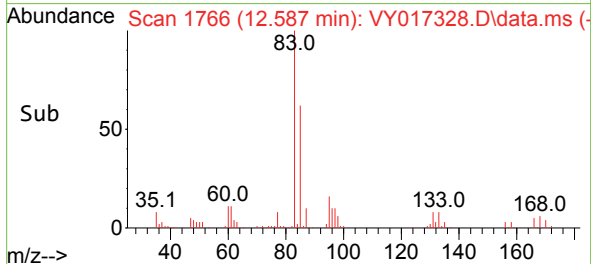
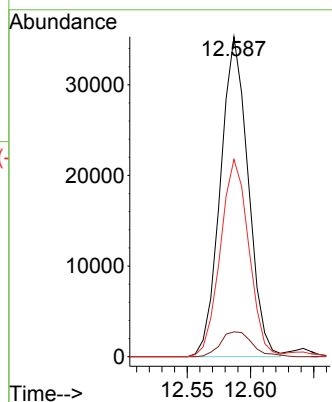
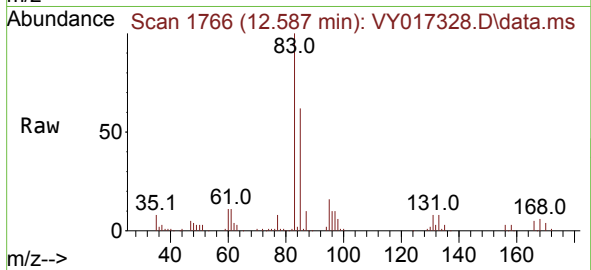




#75
1,1,2,2-Tetrachloroethane
Concen: 55.146 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

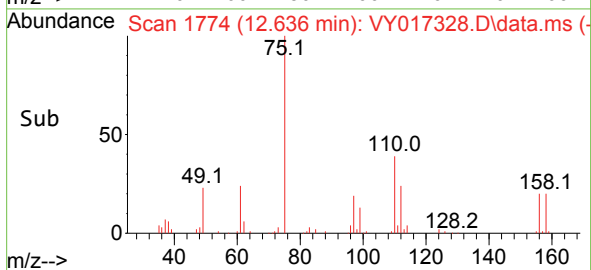
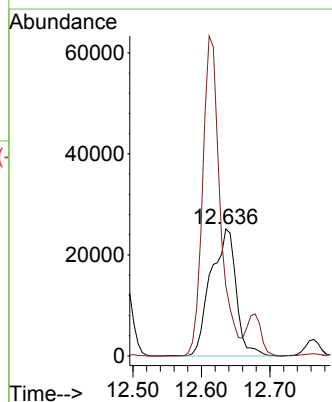
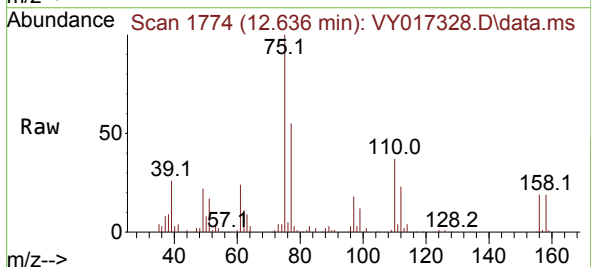
Instrument :
MSVOA_Y
ClientSampleId :

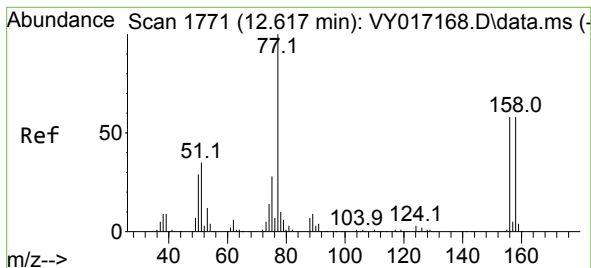
Tgt Ion: 83 Resp: 53854
Ion Ratio Lower Upper
83 100
131 9.0 4.9 14.6
85 63.2 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 103.461 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

Tgt Ion: 75 Resp: 64541
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.567 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017328.D

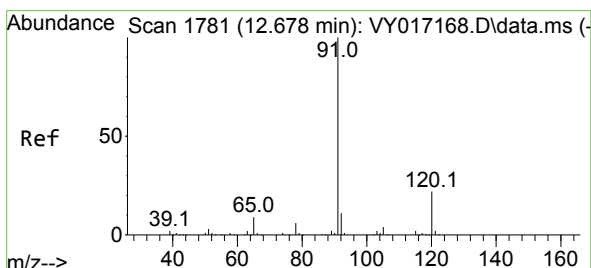
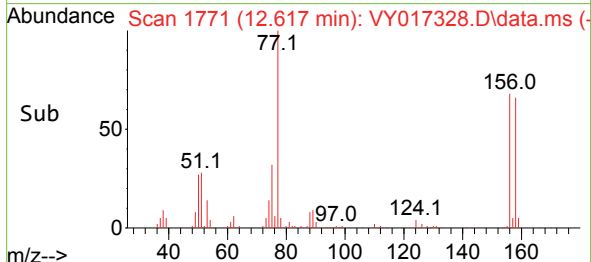
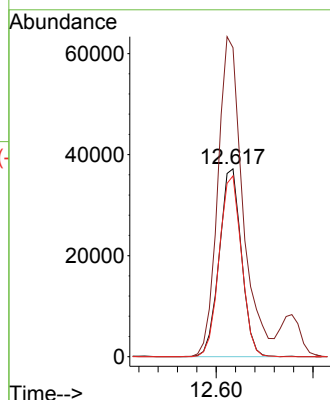
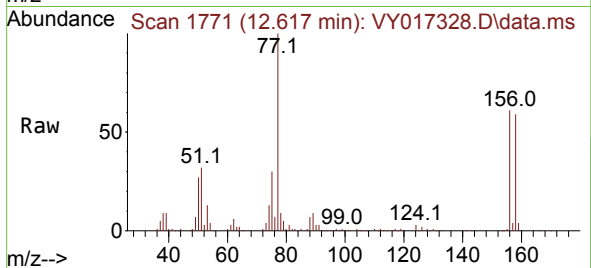
Acq: 08 Feb 2024 21:22

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	58996
Ion Ratio	Lower	Upper	
156	100		
77	192.7	97.3	291.8
158	96.8	48.4	145.0



#78

n-propylbenzene

Concen: 52.712 ug/l

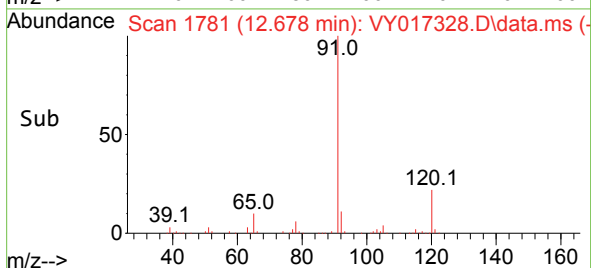
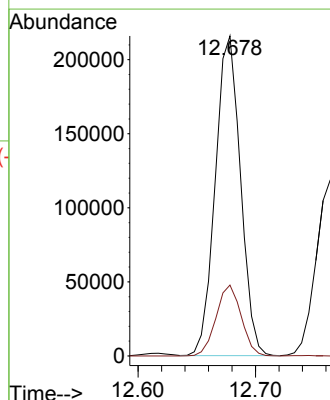
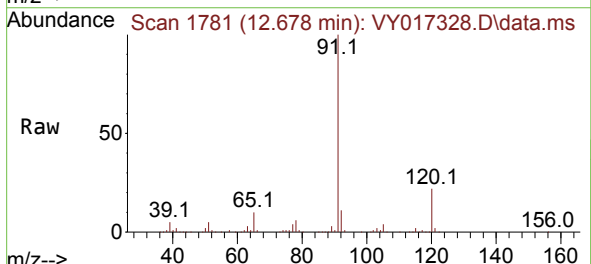
RT: 12.678 min Scan# 1781

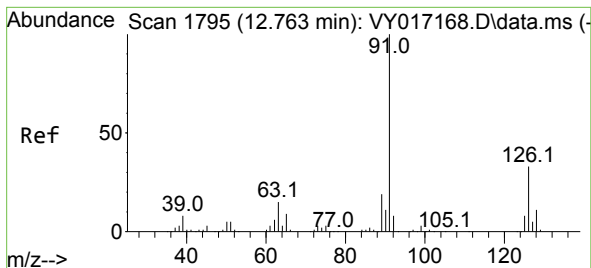
Delta R.T. 0.000 min

Lab File: VY017328.D

Acq: 08 Feb 2024 21:22

Tgt Ion:	91	Resp:	321443
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.0	33.0





#79

2-Chlorotoluene

Concen: 53.589 ug/l

RT: 12.764 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VY017328.D

Acq: 08 Feb 2024 21:22

Instrument :

MSVOA_Y

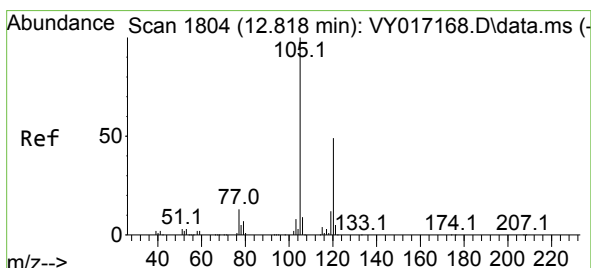
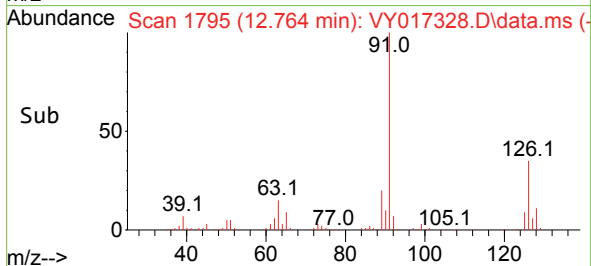
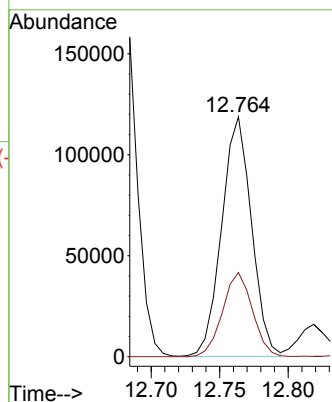
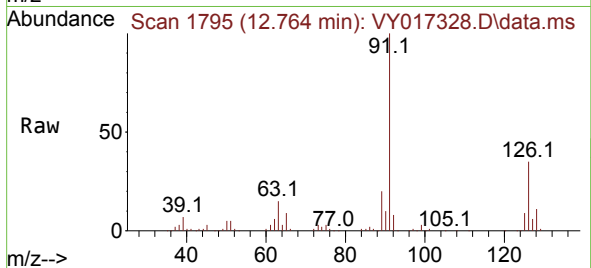
ClientSampleId :

Tgt Ion: 91 Resp: 179663

Ion Ratio Lower Upper

91 100

126 35.1 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 54.036 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY017328.D

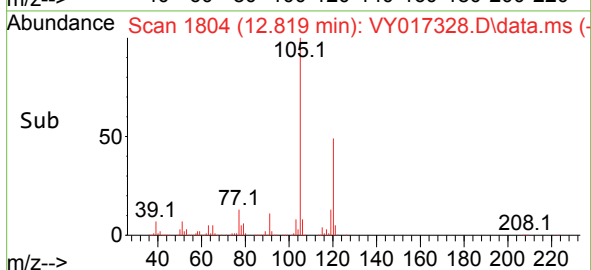
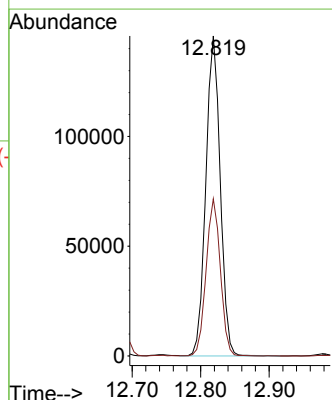
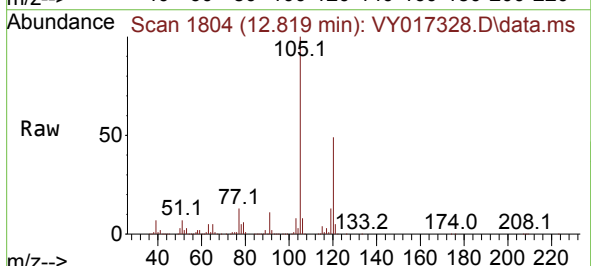
Acq: 08 Feb 2024 21:22

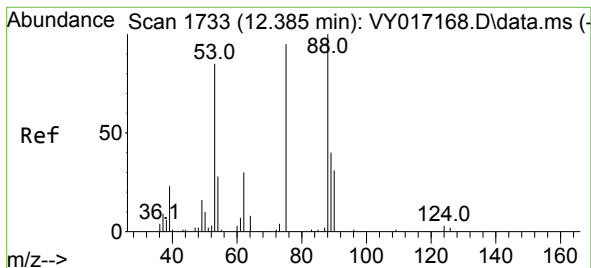
Tgt Ion:105 Resp: 213382

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8

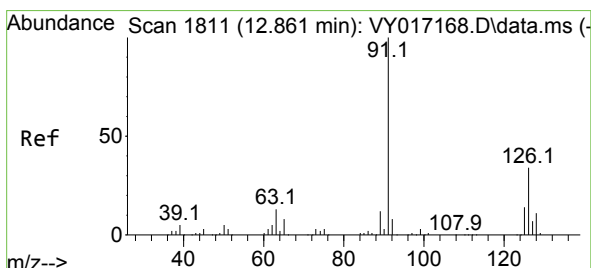
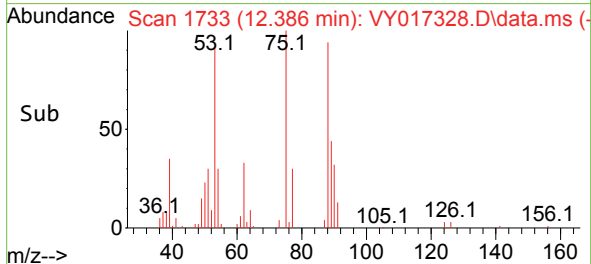
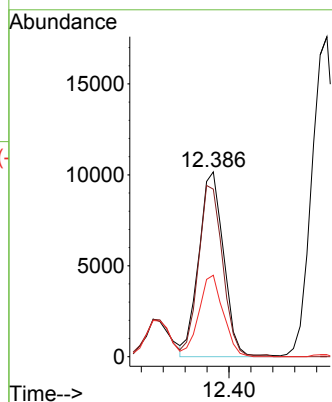
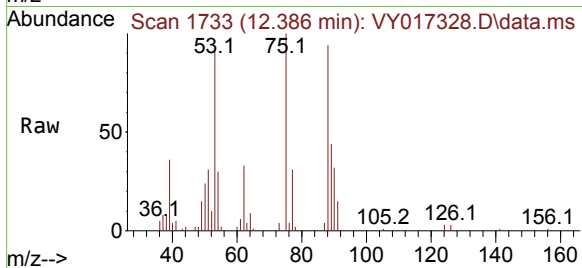




#81
trans-1,4-Dichloro-2-butene
Concen: 53.314 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

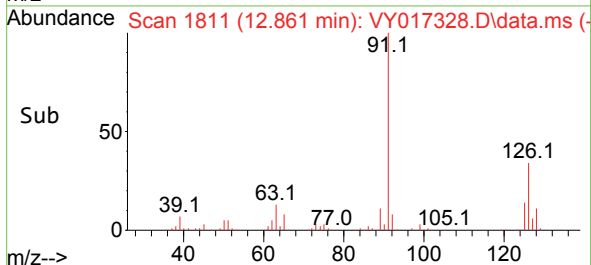
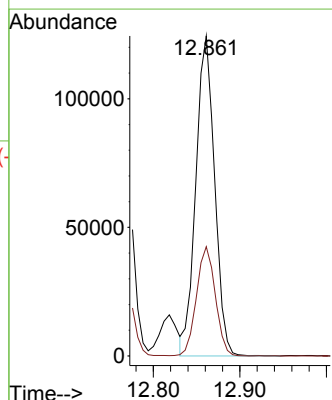
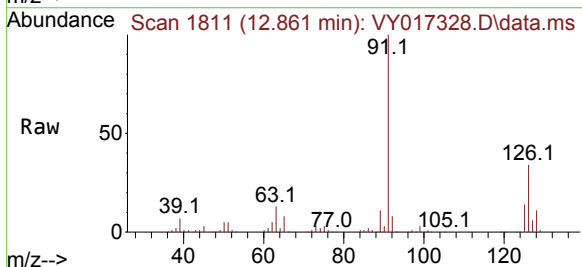
Instrument :
MSVOA_Y
ClientSampleId :

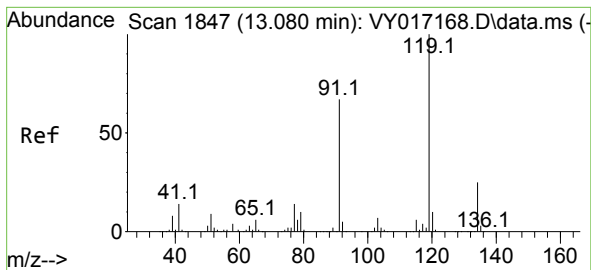
Tgt Ion: 75 Resp: 16006
Ion Ratio Lower Upper
75 100
53 90.7 74.0 111.0
89 43.2 36.5 54.7



#82
4-Chlorotoluene
Concen: 54.245 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

Tgt Ion: 91 Resp: 187171
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.2





#83

tert-Butylbenzene

Concen: 54.236 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.000 min

Lab File: VY017328.D

Acq: 08 Feb 2024 21:22

Instrument :

MSVOA_Y

ClientSampleId :

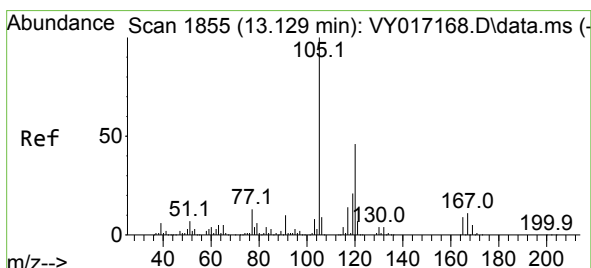
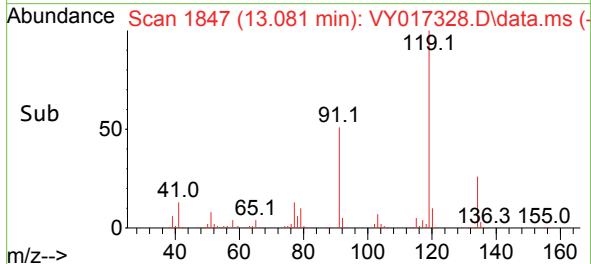
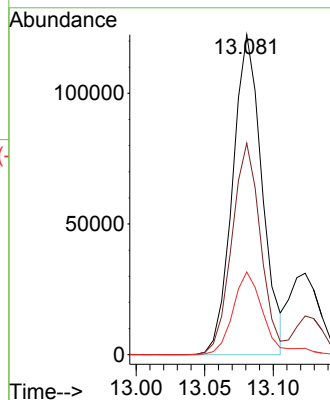
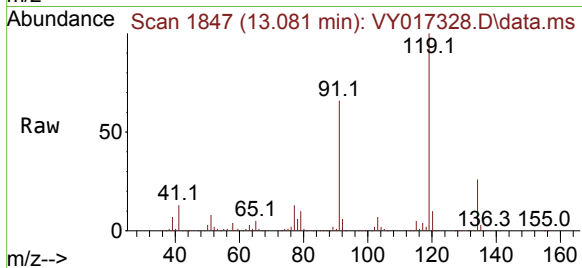
Tgt Ion:119 Resp: 183586

Ion Ratio Lower Upper

119 100

91 64.4 31.5 94.5

134 27.1 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 54.762 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.006 min

Lab File: VY017328.D

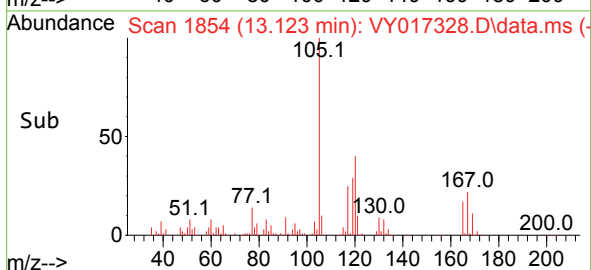
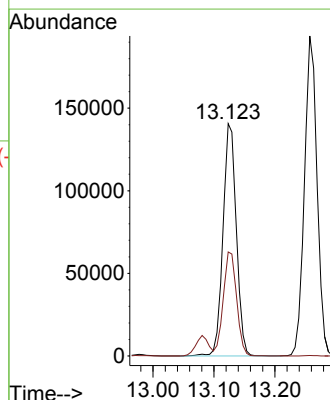
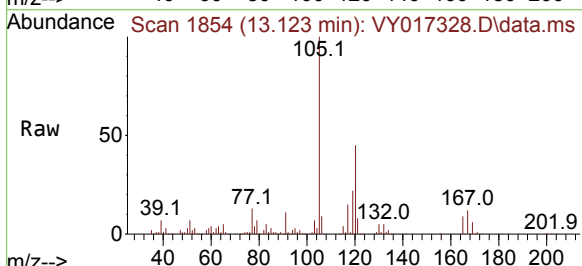
Acq: 08 Feb 2024 21:22

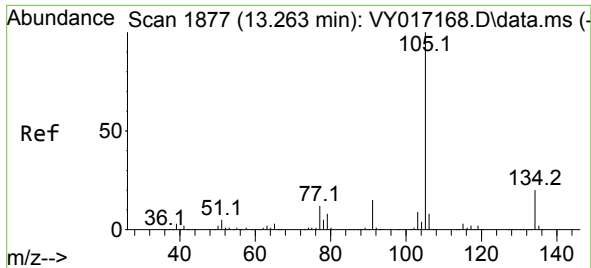
Tgt Ion:105 Resp: 213448

Ion Ratio Lower Upper

105 100

120 44.9 22.1 66.3

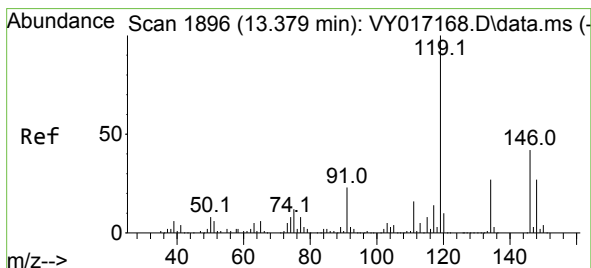
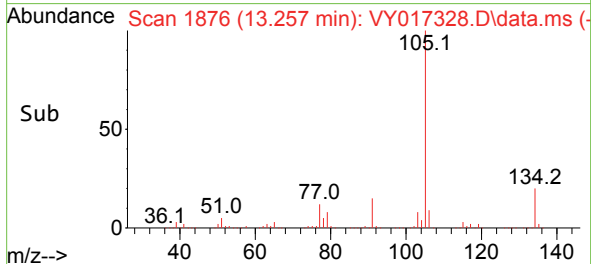
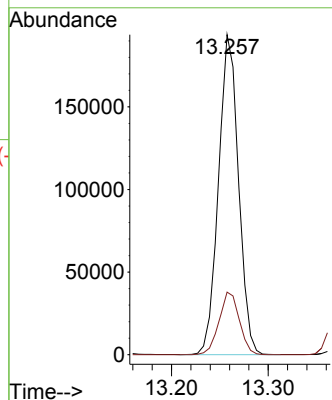
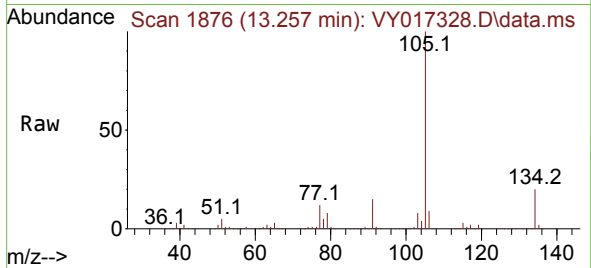




#85
 sec-Butylbenzene
 Concen: 52.561 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VY017328.D
 Acq: 08 Feb 2024 21:22

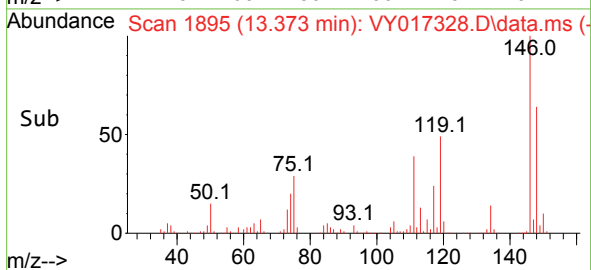
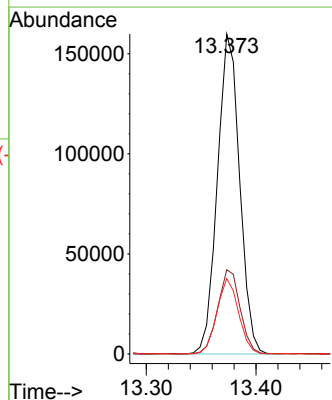
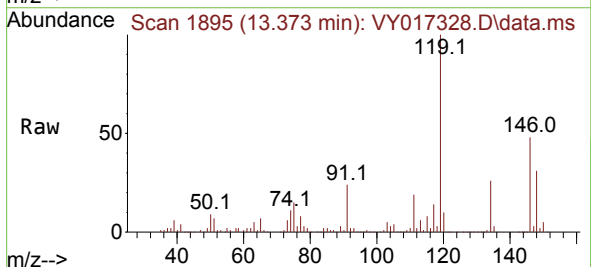
Instrument :
 MSVOA_Y
 ClientSampleId :

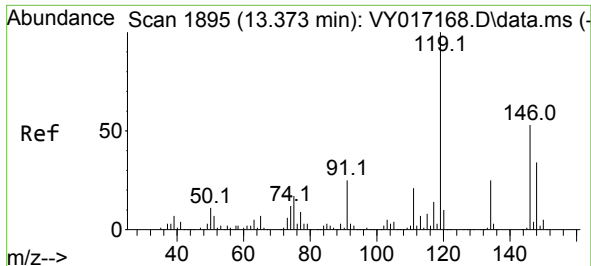
Tgt Ion:105 Resp: 278072
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 53.355 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.006 min
 Lab File: VY017328.D
 Acq: 08 Feb 2024 21:22

Tgt Ion:119 Resp: 225563
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.1
 91 23.1 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 53.050 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017328.D

Acq: 08 Feb 2024 21:22

Instrument :

MSVOA_Y

ClientSampleId :

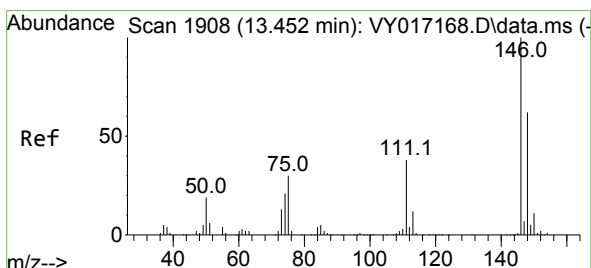
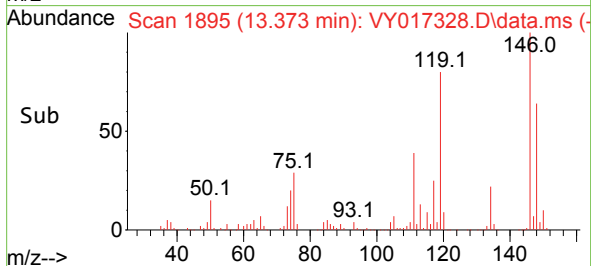
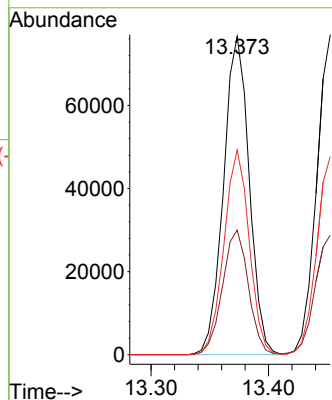
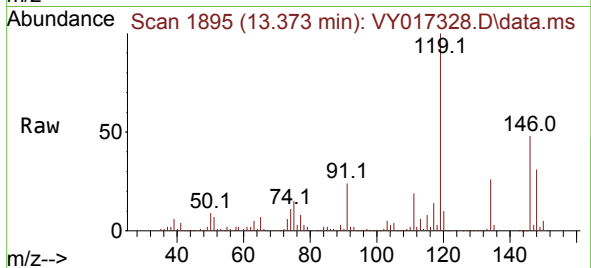
Tgt Ion:146 Resp: 116556

Ion Ratio Lower Upper

146 100

111 39.6 20.2 60.5

148 63.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 53.679 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017328.D

Acq: 08 Feb 2024 21:22

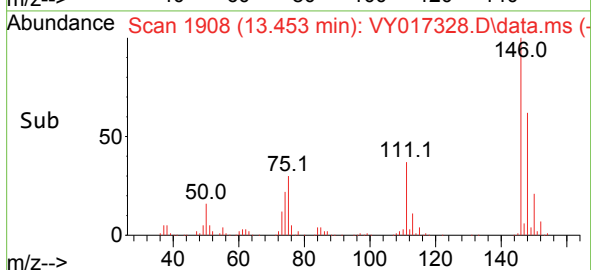
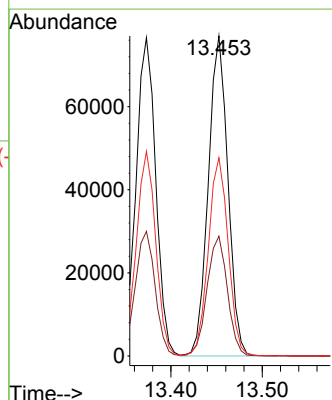
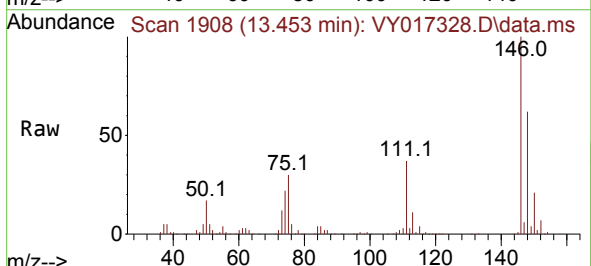
Tgt Ion:146 Resp: 114580

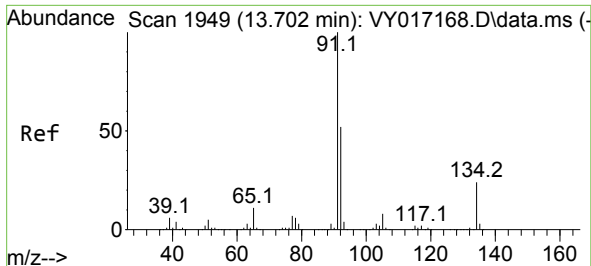
Ion Ratio Lower Upper

146 100

111 39.0 19.3 57.9

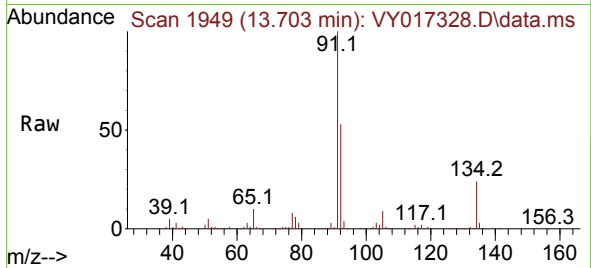
148 62.8 31.6 94.7



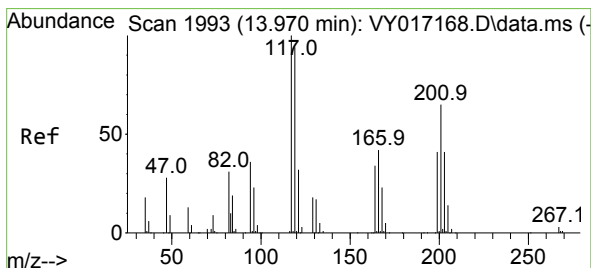
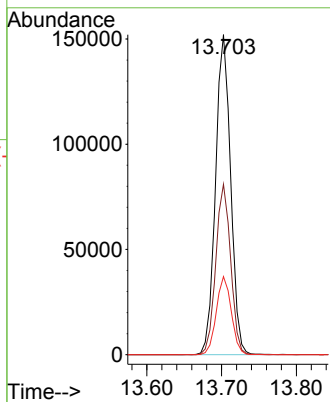
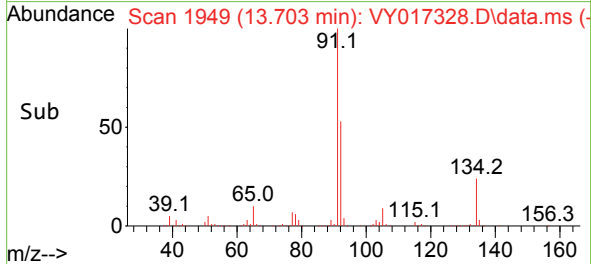


#89
n-Butylbenzene
Concen: 53.100 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

Instrument :
MSVOA_Y
ClientSampleId :

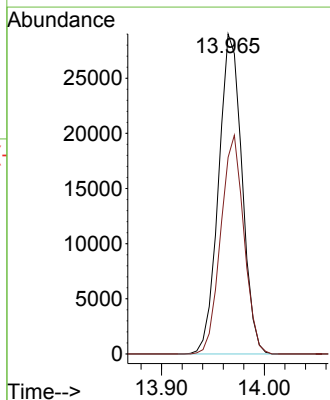
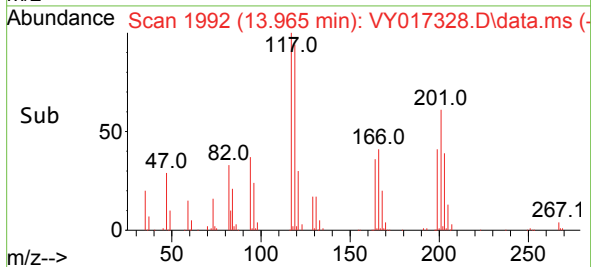
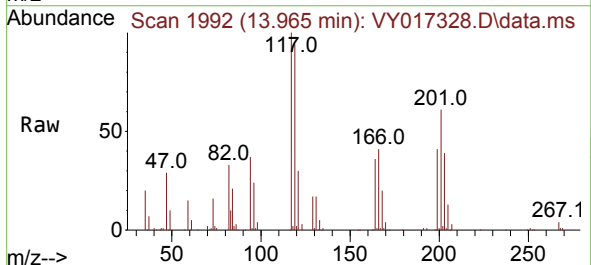


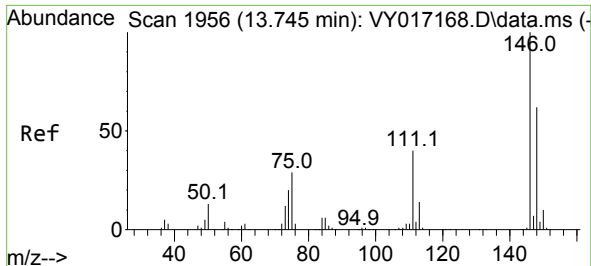
Tgt Ion: 91 Resp: 213436
Ion Ratio Lower Upper
91 100
92 52.5 26.4 79.2
134 24.2 12.3 36.8



#90
Hexachloroethane
Concen: 52.860 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. -0.006 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

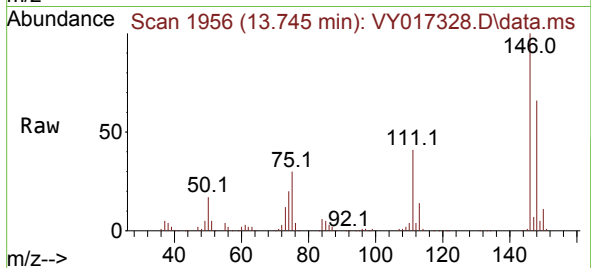
Tgt Ion: 117 Resp: 45877
Ion Ratio Lower Upper
117 100
201 67.6 33.4 100.1



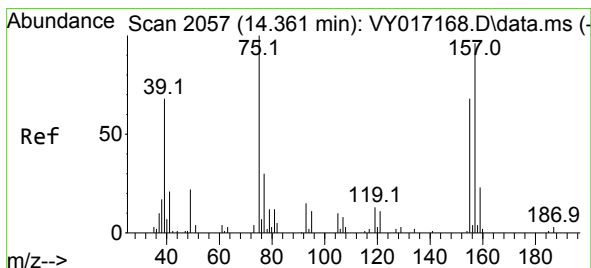
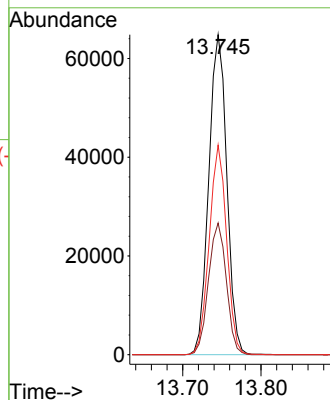
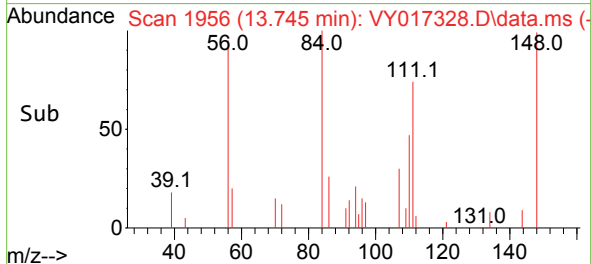


#91
1,2-Dichlorobenzene
Concen: 55.304 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22

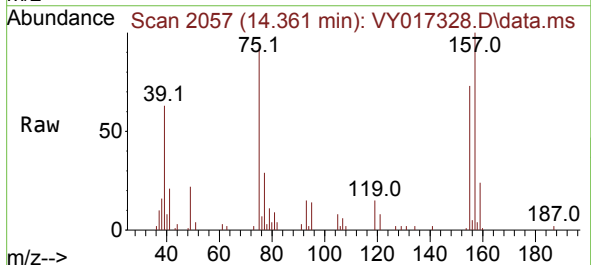
Instrument :
MSVOA_Y
ClientSampleId :



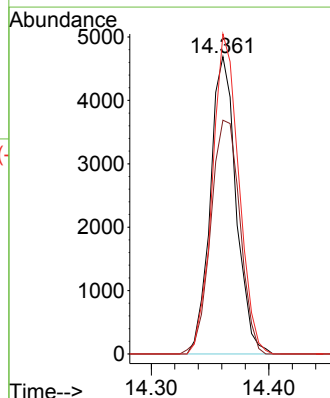
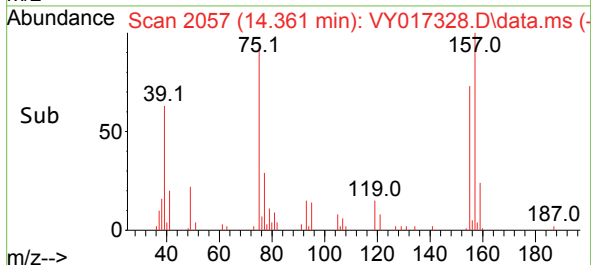
Tgt Ion:146 Resp: 103439
Ion Ratio Lower Upper
146 100
111 40.8 20.5 61.6
148 63.3 31.4 94.3

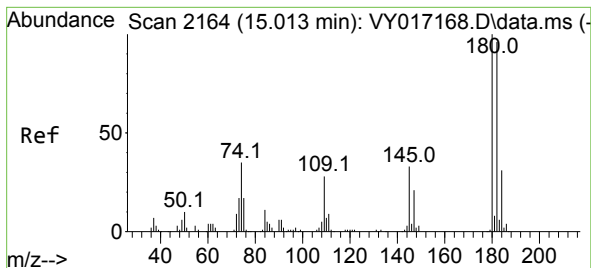


#92
1,2-Dibromo-3-Chloropropane
Concen: 56.162 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY017328.D
Acq: 08 Feb 2024 21:22



Tgt Ion: 75 Resp: 7144
Ion Ratio Lower Upper
75 100
155 88.8 42.1 126.3
157 110.4 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 56.270 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017328.D

Acq: 08 Feb 2024 21:22

Instrument :

MSVOA_Y

ClientSampleId :

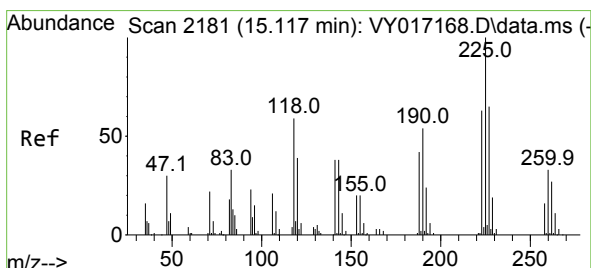
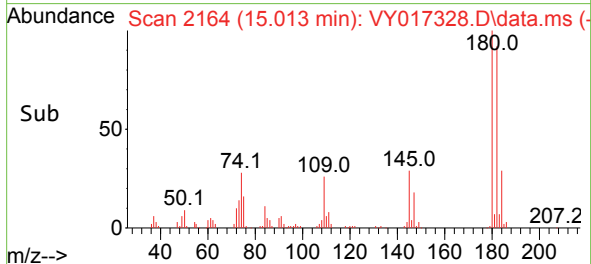
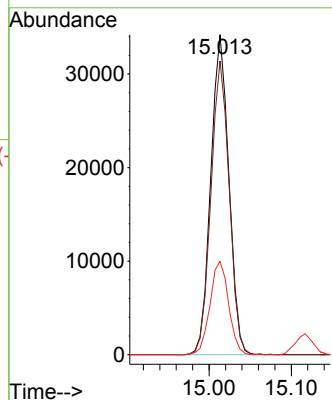
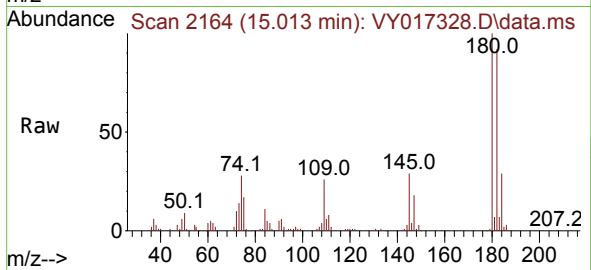
Tgt Ion:180 Resp: 52277

Ion Ratio Lower Upper

180 100

182 92.5 47.9 143.7

145 30.0 15.9 47.7



#94

Hexachlorobutadiene

Concen: 52.075 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017328.D

Acq: 08 Feb 2024 21:22

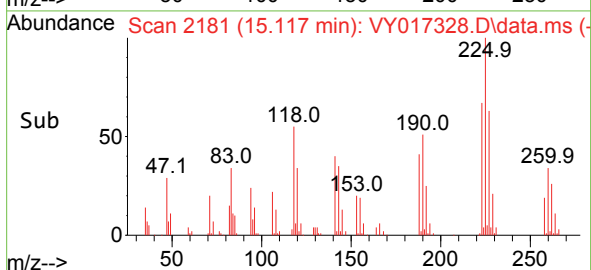
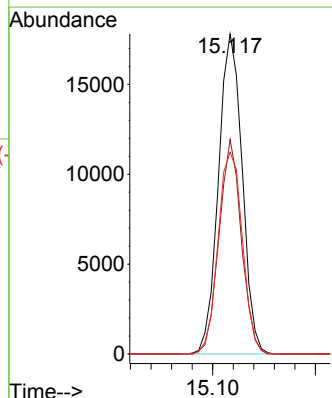
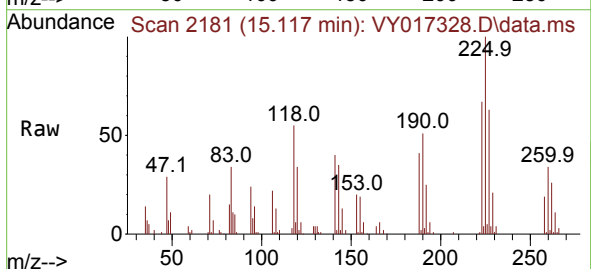
Tgt Ion:225 Resp: 28494

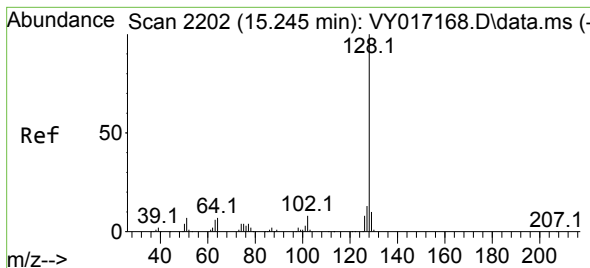
Ion Ratio Lower Upper

225 100

223 63.1 31.4 94.3

227 64.8 32.3 96.8





#95

Naphthalene

Concen: 57.643 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY017328.D

Acq: 08 Feb 2024 21:22

Instrument :

MSVOA_Y

ClientSampleId :

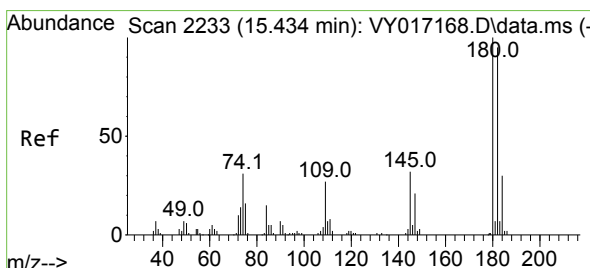
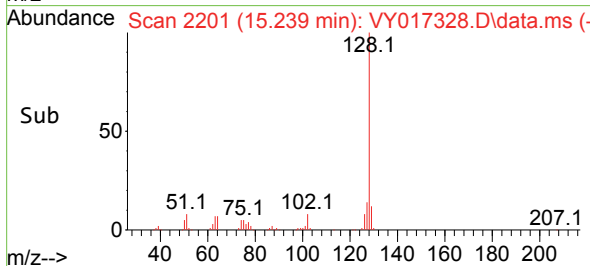
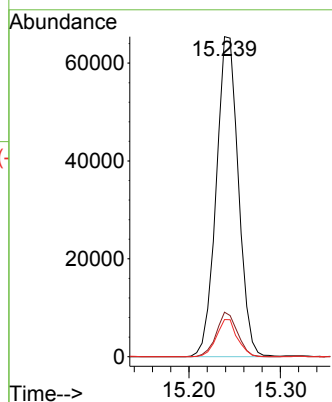
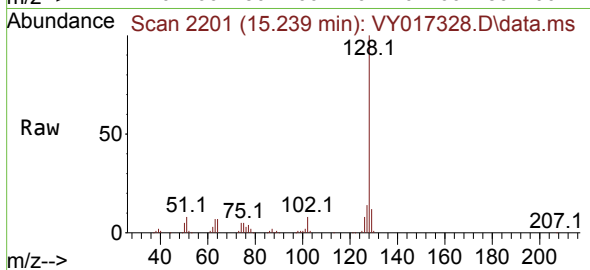
Tgt Ion:128 Resp: 110114

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 58.958 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY017328.D

Acq: 08 Feb 2024 21:22

Tgt Ion:180 Resp: 46585

Ion Ratio Lower Upper

180 100

182 92.1 46.3 138.8

145 31.9 16.1 48.2

