

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012424\
 Data File : VY017087.D
 Acq On : 24 Jan 2024 11:26
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: Jan 25 04:20:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:13:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	141510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	237300	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	203119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	87717	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	28389	20.590	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	41.180%#
35) Dibromofluoromethane	7.734	113	29604	20.670	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	41.340%#
50) Toluene-d8	10.197	98	109317	20.208	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	40.420%#
62) 4-Bromofluorobenzene	12.495	95	33143	19.889	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	39.780%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	27019	23.409	ug/l	99
3) Chloromethane	2.119	50	43828	21.797	ug/l	97
4) Vinyl Chloride	2.260	62	48117	20.839	ug/l	100
5) Bromomethane	2.656	94	34662	20.563	ug/l	96
6) Chloroethane	2.802	64	30098	20.222	ug/l	98
7) Trichlorofluoromethane	3.137	101	50227	19.400	ug/l	99
8) Diethyl Ether	3.540	74	15813	19.395	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.918	101	31182	19.700	ug/l	98
10) Methyl Iodide	4.107	142	29723	19.766	ug/l	98
11) Tert butyl alcohol	4.985	59	10508	98.734	ug/l	99
12) 1,1-Dichloroethene	3.887	96	28133	19.417	ug/l	97
13) Acrolein	3.747	56	16623	100.530	ug/l	97
14) Allyl chloride	4.497	41	42649	19.475	ug/l	99
15) Acrylonitrile	5.186	53	34354	97.084	ug/l	98
16) Acetone	3.967	43	51397	120.520	ug/l	98
17) Carbon Disulfide	4.210	76	86300	19.762	ug/l	98
18) Methyl Acetate	4.491	43	26458	18.706	ug/l	99
19) Methyl tert-butyl Ether	5.241	73	66816	18.898	ug/l	98
20) Methylene Chloride	4.741	84	33769	18.159	ug/l	95
21) trans-1,2-Dichloroethene	5.235	96	32660	19.488	ug/l	99
22) Diisopropyl ether	6.137	45	95242	19.702	ug/l	98
23) Vinyl Acetate	6.082	43	229224	97.754	ug/l	100
24) 1,1-Dichloroethane	6.039	63	57443	19.482	ug/l	99
25) 2-Butanone	7.003	43	60170	107.949	ug/l	95
26) 2,2-Dichloropropane	7.003	77	47962	19.045	ug/l	100
27) cis-1,2-Dichloroethene	7.009	96	35836	19.296	ug/l	99
28) Bromochloromethane	7.350	49	22175	18.891	ug/l	100
29) Tetrahydrofuran	7.368	42	28089	100.470	ug/l	97
30) Chloroform	7.527	83	58174	19.376	ug/l	100
31) Cyclohexane	7.801	56	52100	19.373	ug/l	93
32) 1,1,1-Trichloroethane	7.716	97	48770	18.943	ug/l	98
36) 1,1-Dichloropropene	7.935	75	45515	19.315	ug/l	100
37) Ethyl Acetate	7.094	43	20994	20.720	ug/l	99
38) Carbon Tetrachloride	7.923	117	43688	18.919	ug/l	98
39) Methylcyclohexane	9.203	83	53875	19.009	ug/l	98
40) Benzene	8.179	78	132952	19.428	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	9764	18.018	ug/l	89
42) 1,2-Dichloroethane	8.252	62	34470	19.429	ug/l	100
43) Isopropyl Acetate	8.289	43	36062	19.065	ug/l	99
44) Trichloroethene	8.953	130	33633	19.162	ug/l	97
45) 1,2-Dichloropropane	9.234	63	32739	19.491	ug/l	100
46) Dibromomethane	9.325	93	17344	19.443	ug/l	99
47) Bromodichloromethane	9.514	83	43553	19.191	ug/l	95
48) Methyl methacrylate	9.307	41	20842	19.845	ug/l	99
49) 1,4-Dioxane	9.319	88	3363	383.319	ug/l	97
51) 4-Methyl-2-Pentanone	10.087	43	99589	98.974	ug/l	100
52) Toluene	10.258	92	80122	19.343	ug/l	99
53) t-1,3-Dichloropropene	10.478	75	38685	18.660	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	48800	19.139	ug/l	95
55) 1,1,2-Trichloroethane	10.660	97	23432	18.794	ug/l	99
56) Ethyl methacrylate	10.526	69	20677	18.965	ug/l	97
57) 1,3-Dichloropropane	10.807	76	40662	19.291	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	71270	94.173	ug/l	100
59) 2-Hexanone	10.843	43	84234	109.730	ug/l	99
60) Dibromochloromethane	10.996	129	27518	18.998	ug/l	99
61) 1,2-Dibromoethane	11.105	107	21445	18.934	ug/l	97
64) Tetrachloroethene	10.734	164	26522	18.733	ug/l	96
65) Chlorobenzene	11.532	112	81766	18.996	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.605	131	29981	19.069	ug/l	99
67) Ethyl Benzene	11.605	91	147780	18.886	ug/l	98
68) m/p-Xylenes	11.715	106	111500	37.926	ug/l	100
69) o-Xylene	12.044	106	50744	19.001	ug/l	99
70) Styrene	12.057	104	73904	19.062	ug/l	98
71) Bromoform	12.221	173	14985	19.007	ug/l #	100
73) Isopropylbenzene	12.343	105	138644	19.227	ug/l	100
74) N-amyl acetate	12.154	43	28212	19.410	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	26899	19.562	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	32701	19.721	ug/l #	100
77) Bromobenzene	12.624	156	29919	19.175	ug/l	98
78) n-propylbenzene	12.684	91	168235	19.397	ug/l	100
79) 2-Chlorotoluene	12.770	91	91636	19.253	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	111409	19.521	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	7760	18.869	ug/l	99
82) 4-Chlorotoluene	12.867	91	94535	19.165	ug/l	99
83) tert-Butylbenzene	13.087	119	92235	18.685	ug/l	96
84) 1,2,4-Trimethylbenzene	13.136	105	108617	19.149	ug/l	97
85) sec-Butylbenzene	13.270	105	139494	19.084	ug/l	100
86) p-Isopropyltoluene	13.386	119	115028	18.892	ug/l	100
87) 1,3-Dichlorobenzene	13.379	146	58666	19.044	ug/l	98
88) 1,4-Dichlorobenzene	13.459	146	58212	19.206	ug/l	99
89) n-Butylbenzene	13.709	91	111891	19.052	ug/l	98
90) Hexachloroethane	13.977	117	23942	18.866	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	50524	19.205	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3316	18.882	ug/l	96
93) 1,2,4-Trichlorobenzene	15.019	180	24526	17.840	ug/l	97
94) Hexachlorobutadiene	15.129	225	15039	18.176	ug/l	98
95) Naphthalene	15.251	128	42346	17.440	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	19899	17.398	ug/l	98

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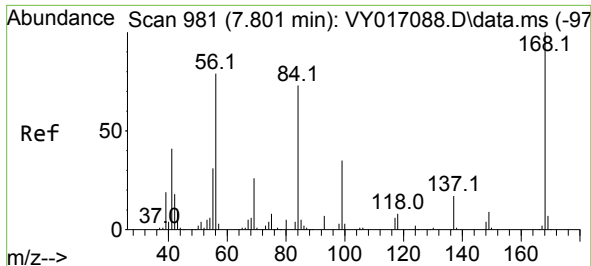
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Quant Title : SW846 8260
QLast Update : Thu Jan 25 04:13:31 2024
Response via : Initial Calibration

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

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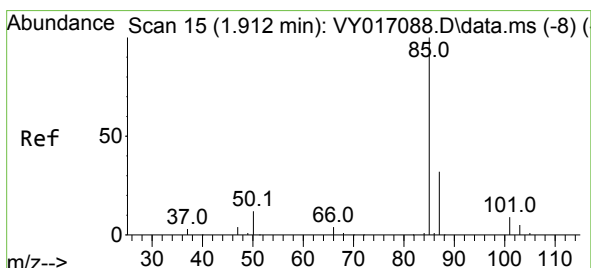
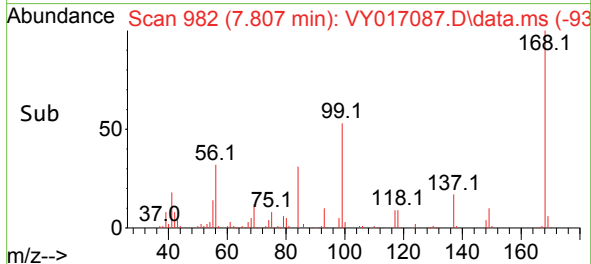
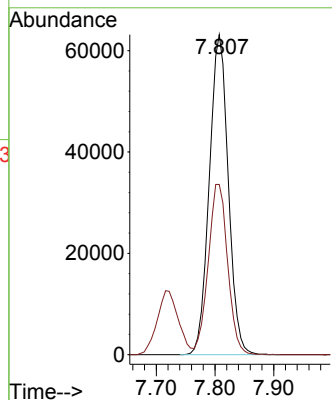
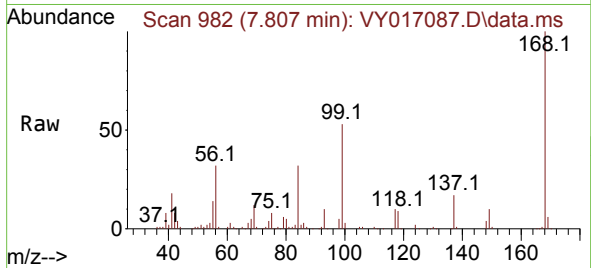




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY017087.D
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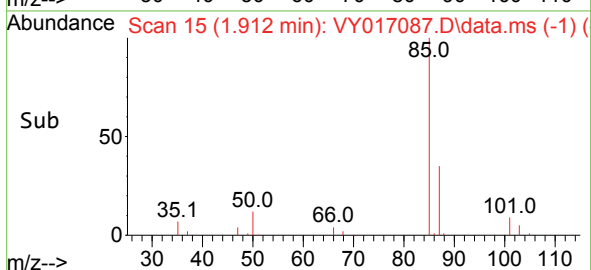
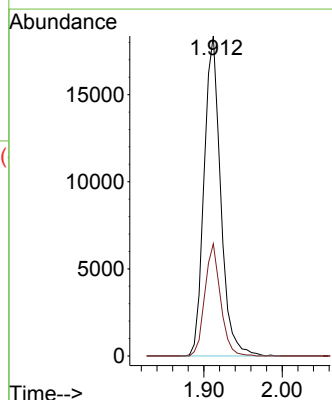
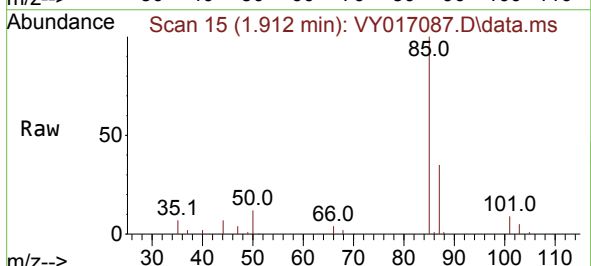
Instrument :
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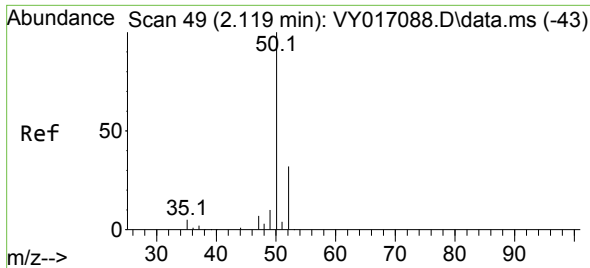
Tgt Ion:168 Resp: 141510
Ion Ratio Lower Upper
168 100
99 53.2 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 23.409 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

Tgt Ion: 85 Resp: 27019
Ion Ratio Lower Upper
85 100
87 35.0 17.1 51.3

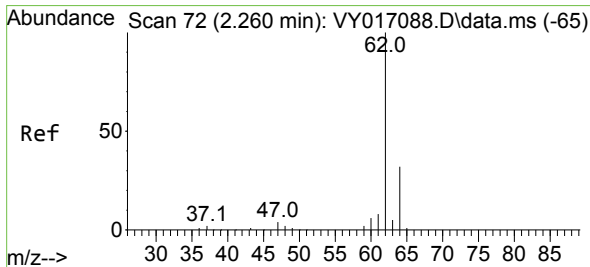
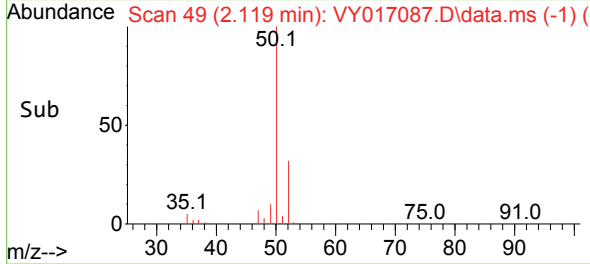
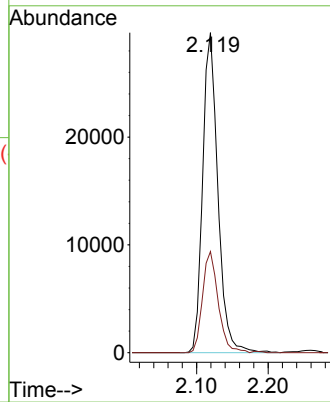
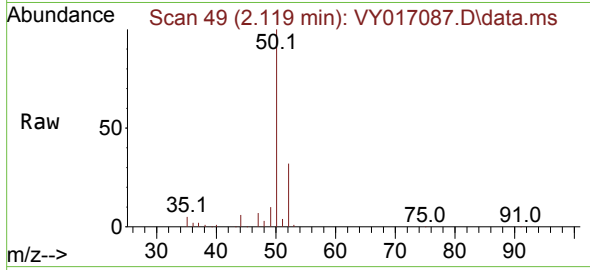




#3
Chloromethane
Concen: 21.797 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

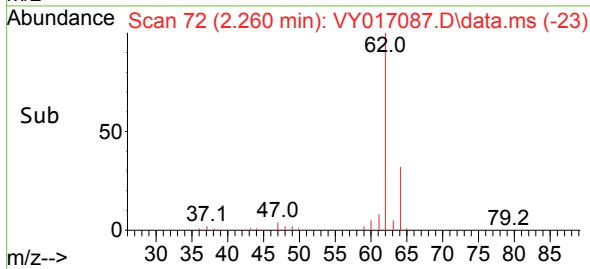
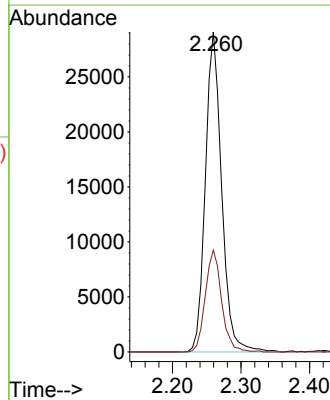
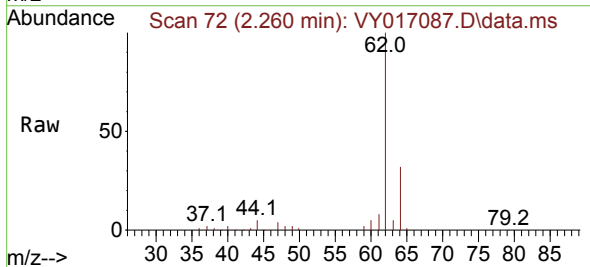
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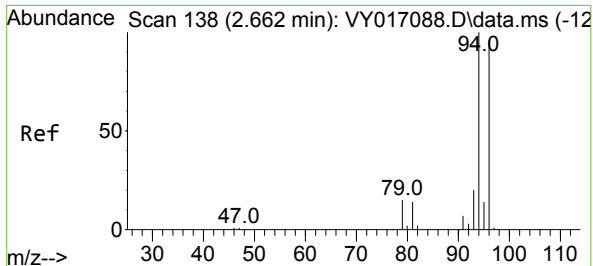
Tgt Ion: 50 Resp: 43828
Ion Ratio Lower Upper
50 100
52 31.6 26.7 40.1



#4
Vinyl Chloride
Concen: 20.839 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.001 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

Tgt Ion: 62 Resp: 48117
Ion Ratio Lower Upper
62 100
64 31.9 25.7 38.5

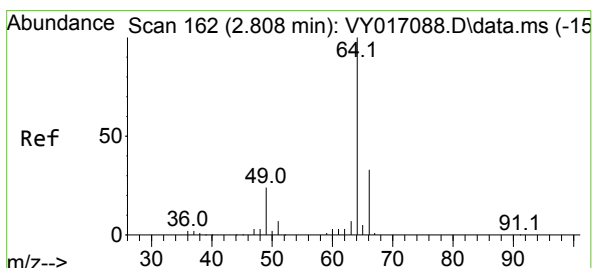
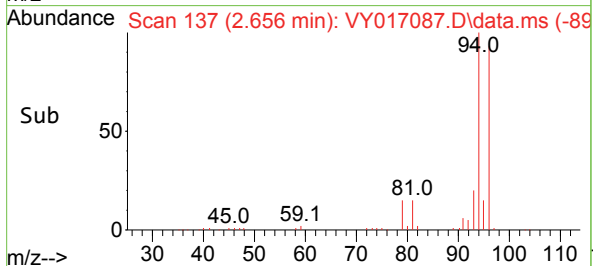
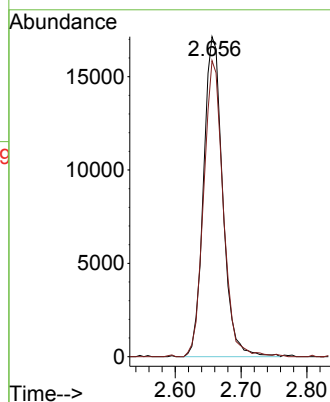
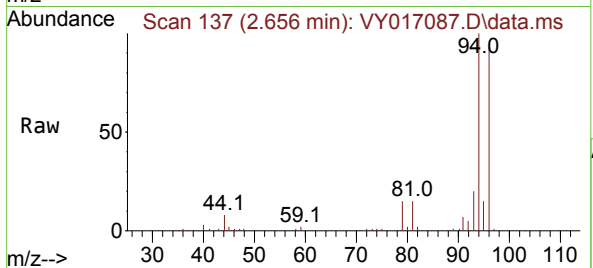




#5
Bromomethane
Concen: 20.563 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

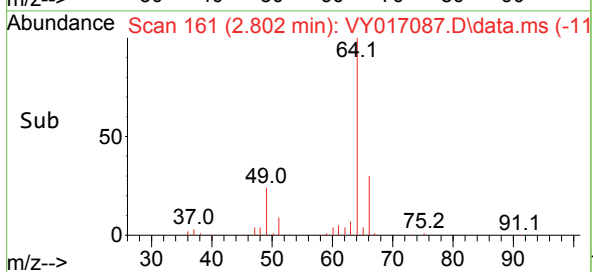
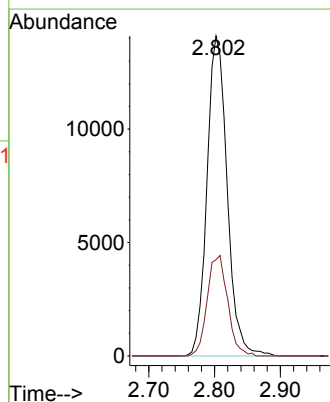
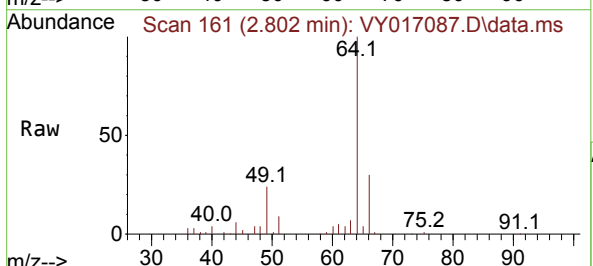
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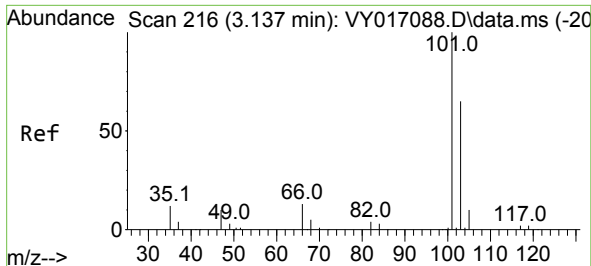
Tgt Ion: 94 Resp: 34662
Ion Ratio Lower Upper
94 100
96 92.5 77.3 115.9



#6
Chloroethane
Concen: 20.222 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.006 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

Tgt Ion: 64 Resp: 30098
Ion Ratio Lower Upper
64 100
66 30.1 25.1 37.7

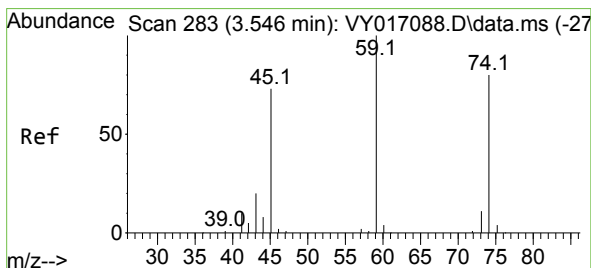
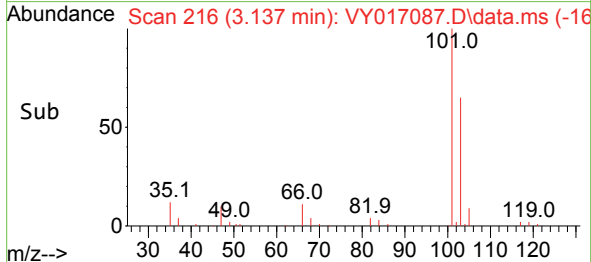
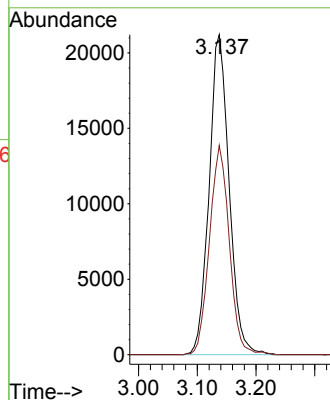
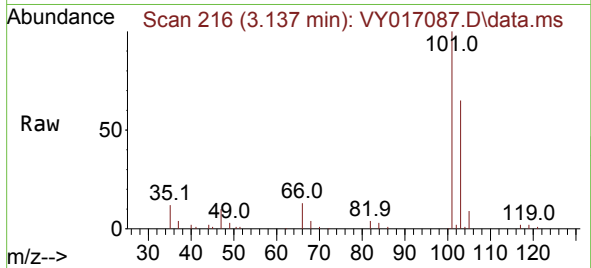




#7
 Trichlorofluoromethane
 Concen: 19.400 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VY017087.D
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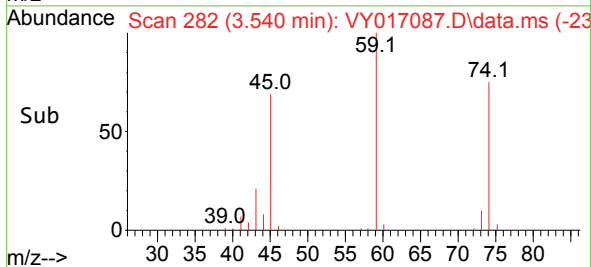
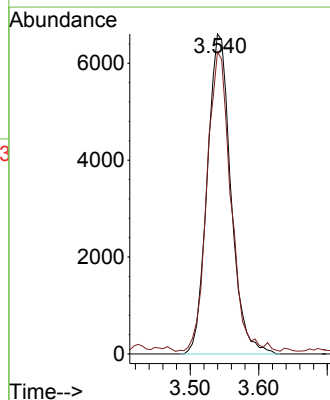
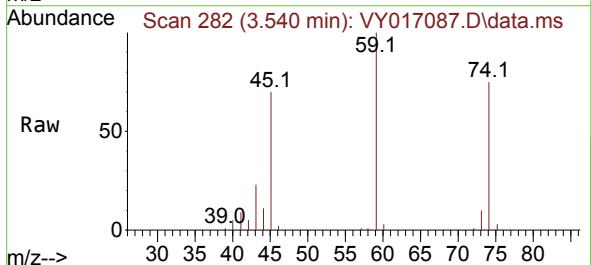
Instrument :
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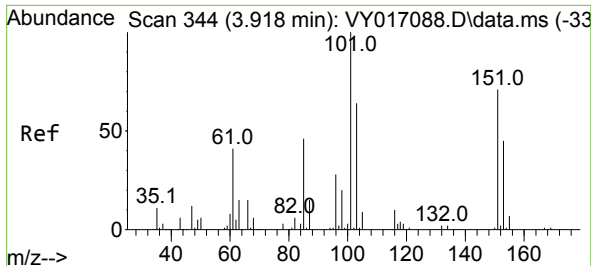
Tgt Ion:101 Resp: 50227
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.9 77.9



#8
 Diethyl Ether
 Concen: 19.395 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. -0.000 min
 Lab File: VY017087.D
 Acq: 24 Jan 2024 11:26

Tgt Ion: 74 Resp: 15813
 Ion Ratio Lower Upper
 74 100
 45 94.5 47.9 143.7

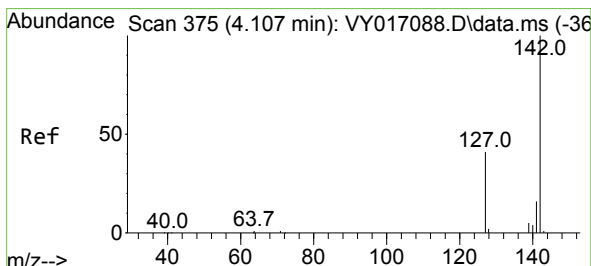
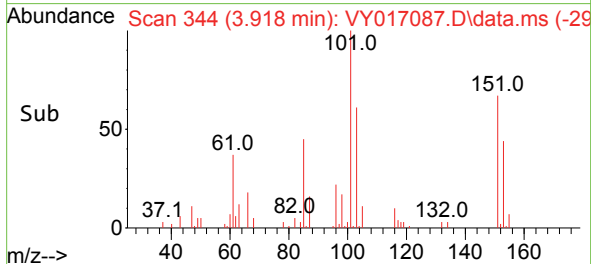
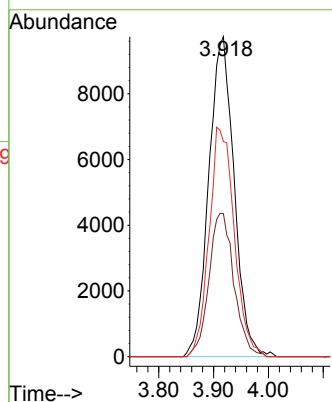
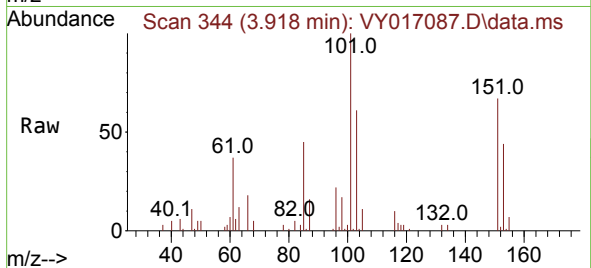




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.700 ug/l
RT: 3.918 min Scan# 344
Delta R.T. 0.007 min
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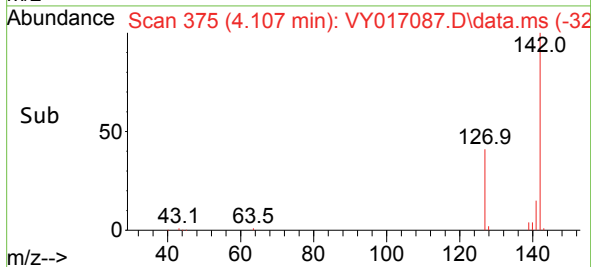
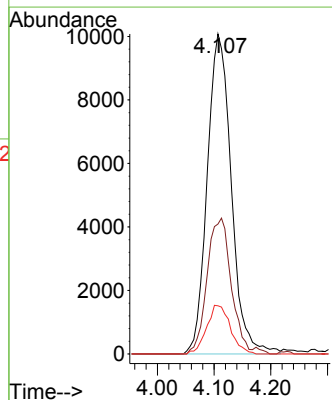
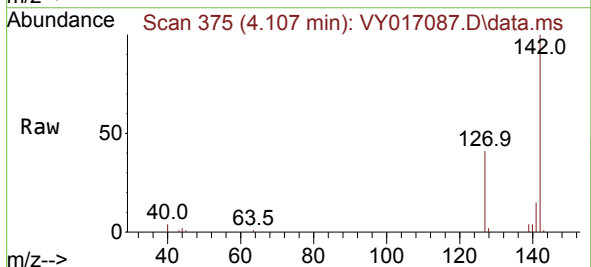
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

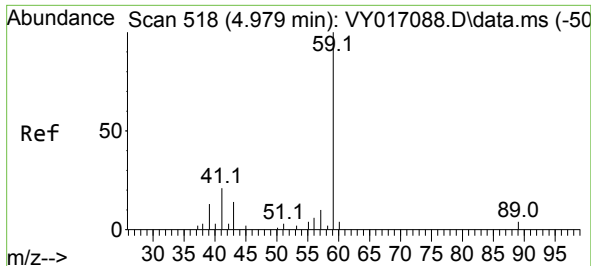
Tgt Ion:	101	Resp:	31182
Ion	Ratio	Lower	Upper
101	100		
85	44.3	35.8	53.6
151	71.3	58.6	88.0



#10
Methyl Iodide
Concen: 19.766 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.001 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

Tgt Ion:	142	Resp:	29723
Ion	Ratio	Lower	Upper
142	100		
127	42.4	35.1	52.7
141	15.0	11.8	17.6

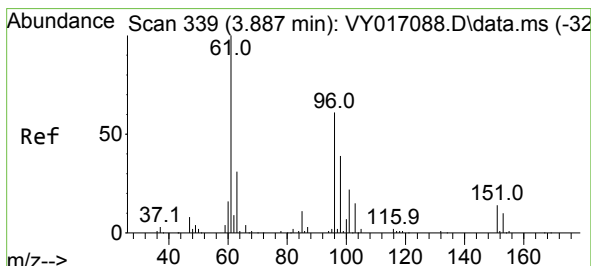
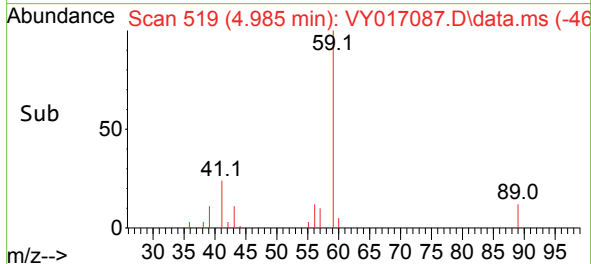
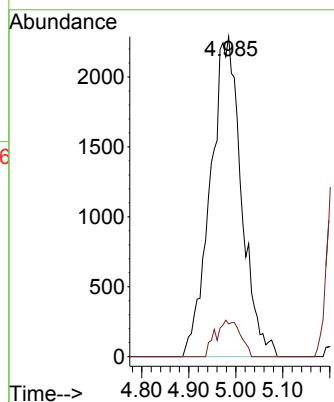
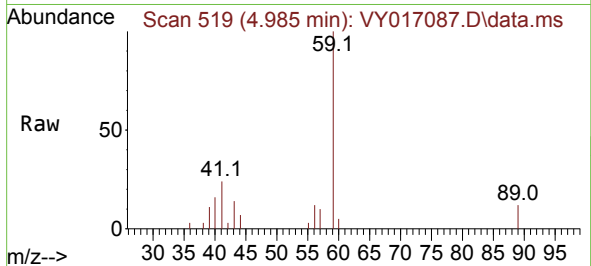




#11
Tert butyl alcohol
Concen: 98.734 ug/l
RT: 4.985 min Scan# 518
Delta R.T. 0.019 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

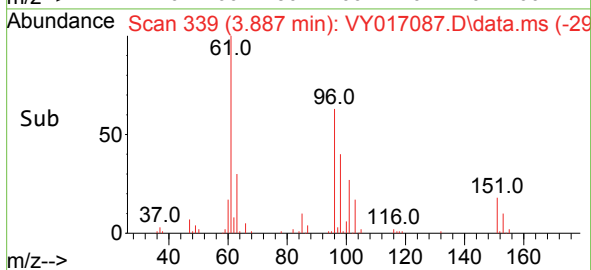
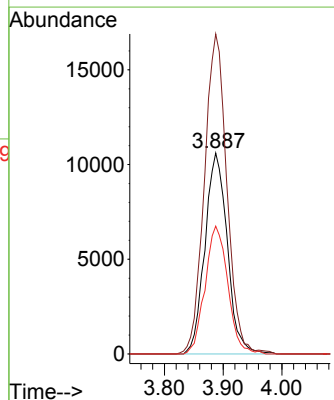
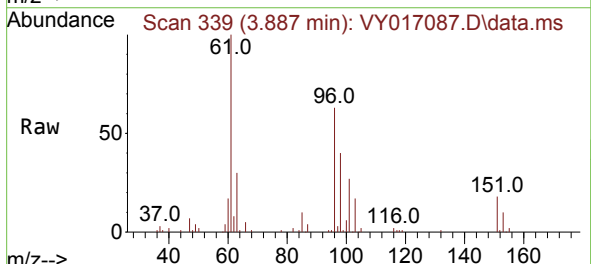
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

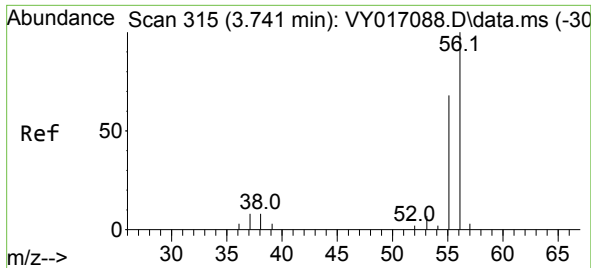
Tgt Ion: 59 Resp: 10508
Ion Ratio Lower Upper
59 100
57 9.0 7.4 11.0



#12
1,1-Dichloroethene
Concen: 19.417 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

Tgt Ion: 96 Resp: 28133
Ion Ratio Lower Upper
96 100
61 159.2 124.2 186.2
98 63.6 52.6 79.0





#13

Acrolein

Concen: 100.530 ug/l

RT: 3.747 min Scan# 315

Delta R.T. 0.006 min

Lab File: VY017087.D

Acq: 24 Jan 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

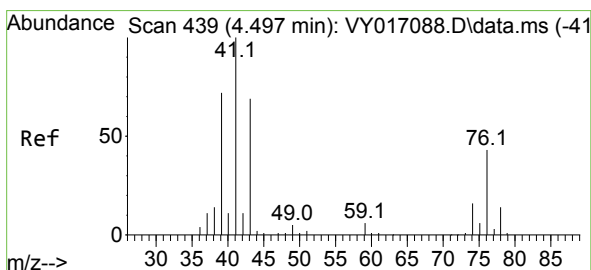
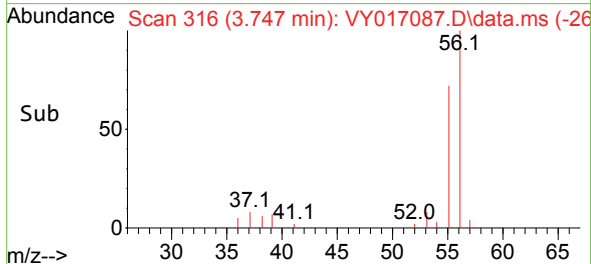
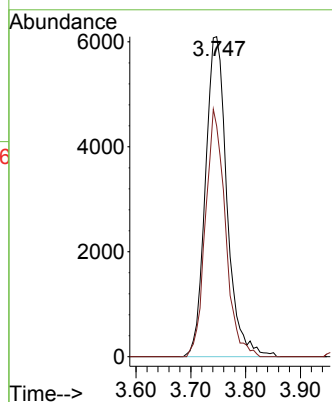
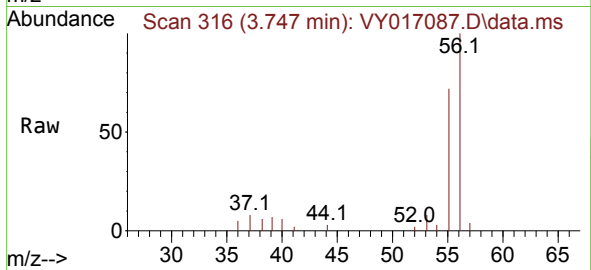
VSTDICC020

Tgt Ion: 56 Resp: 16623

Ion Ratio Lower Upper

56 100

55 71.4 55.4 83.0



#14

Allyl chloride

Concen: 19.475 ug/l

RT: 4.497 min Scan# 439

Delta R.T. -0.000 min

Lab File: VY017087.D

Acq: 24 Jan 2024 11:26

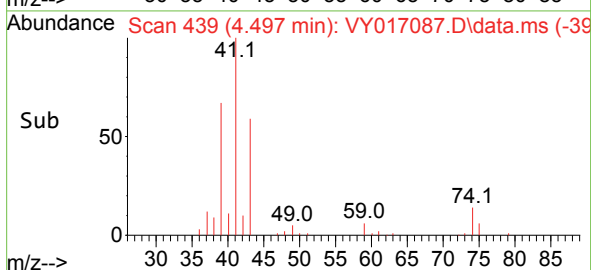
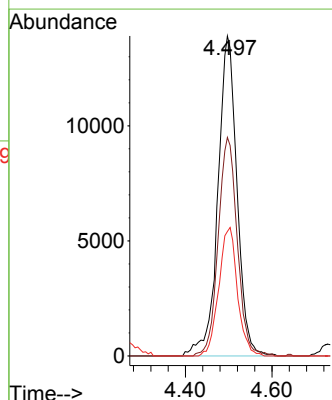
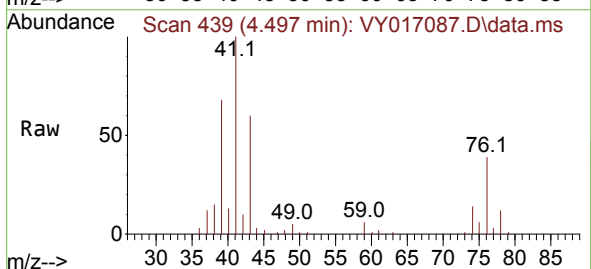
Tgt Ion: 41 Resp: 42649

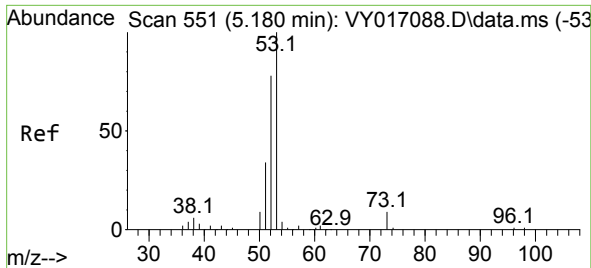
Ion Ratio Lower Upper

41 100

39 68.1 54.7 82.1

76 39.2 31.8 47.6

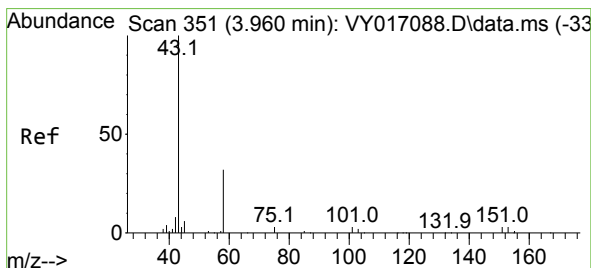
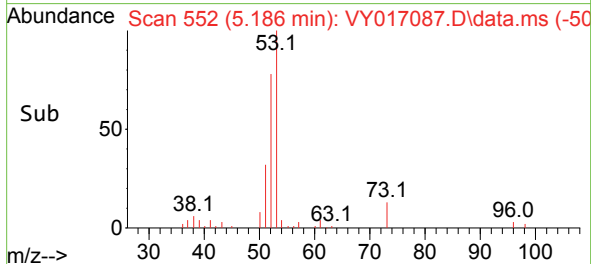
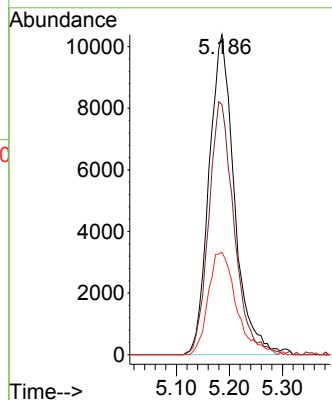
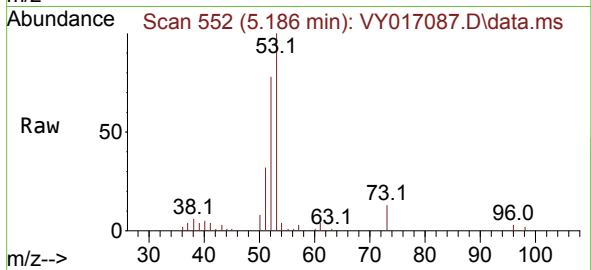




#15
Acrylonitrile
Concen: 97.084 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

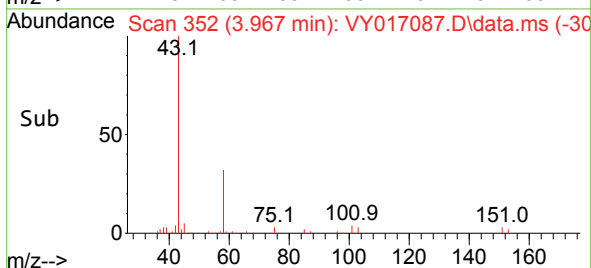
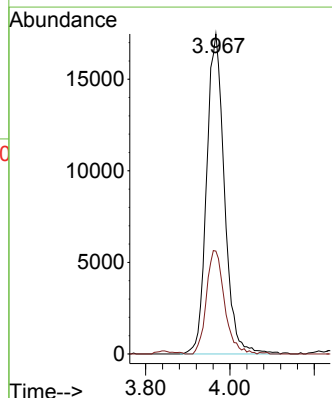
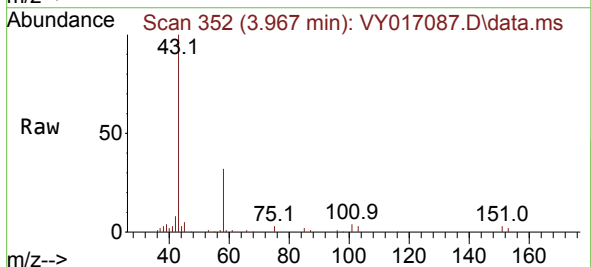
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

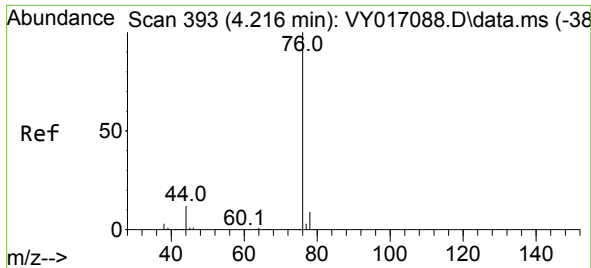
Tgt Ion:	53	Resp:	34354
Ion	Ratio	Lower	Upper
53	100		
52	79.3	65.1	97.7
51	35.8	29.0	43.4



#16
Acetone
Concen: 120.520 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.007 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

Tgt Ion:	43	Resp:	51397
Ion	Ratio	Lower	Upper
43	100		
58	32.1	26.6	39.8





#17

Carbon Disulfide

Concen: 19.762 ug/l

RT: 4.210 min Scan# 393

Delta R.T. 0.000 min

Lab File: VY017087.D

Acq: 24 Jan 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

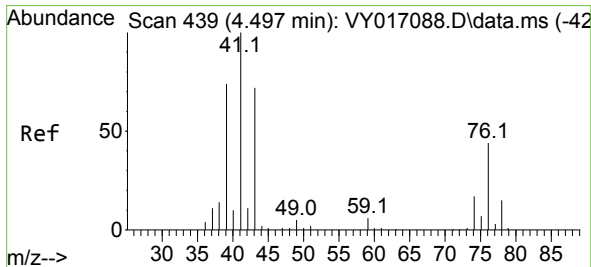
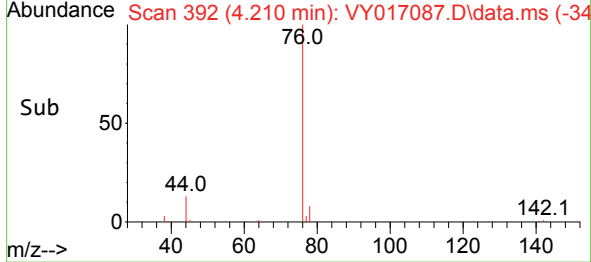
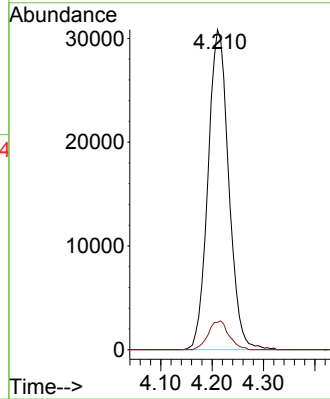
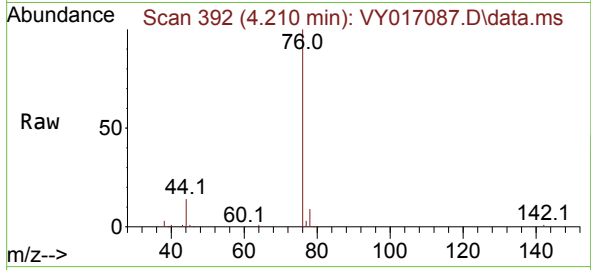
VSTDIC020

Tgt Ion: 76 Resp: 86300

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.0



#18

Methyl Acetate

Concen: 18.706 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY017087.D

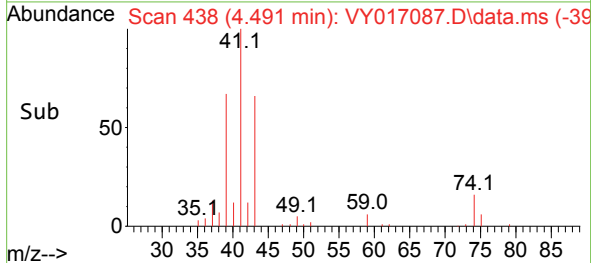
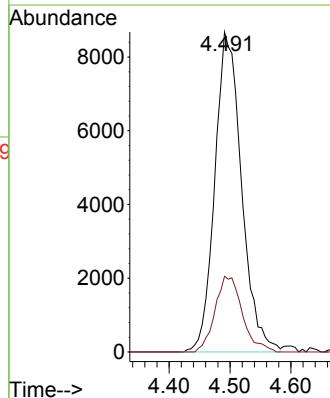
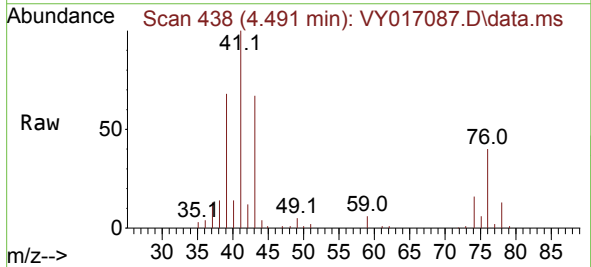
Acq: 24 Jan 2024 11:26

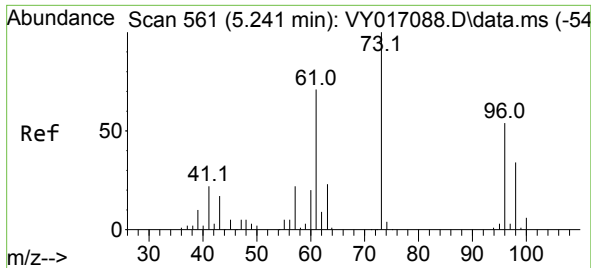
Tgt Ion: 43 Resp: 26458

Ion Ratio Lower Upper

43 100

74 24.1 19.8 29.6

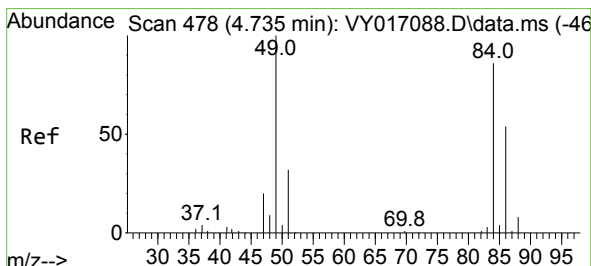
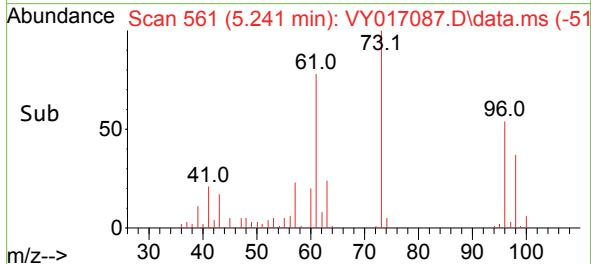
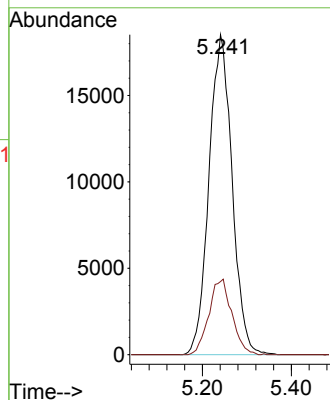
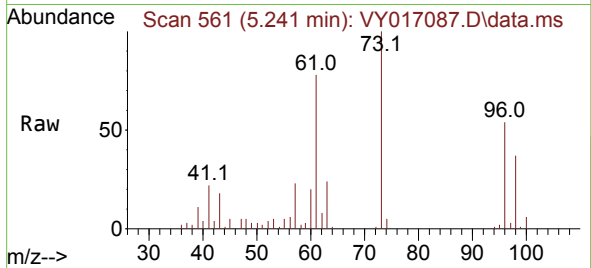




#19
Methyl tert-butyl Ether
Concen: 18.898 ug/l
RT: 5.241 min Scan# 50
Delta R.T. 0.007 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

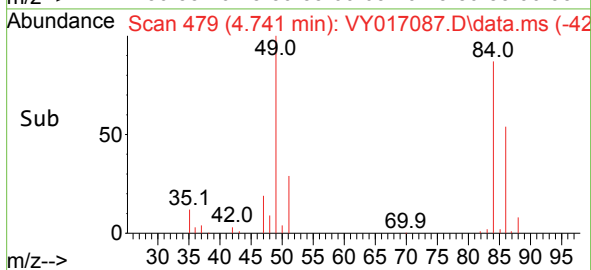
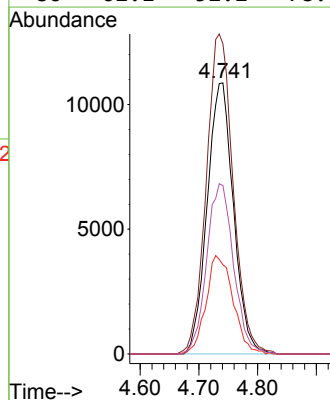
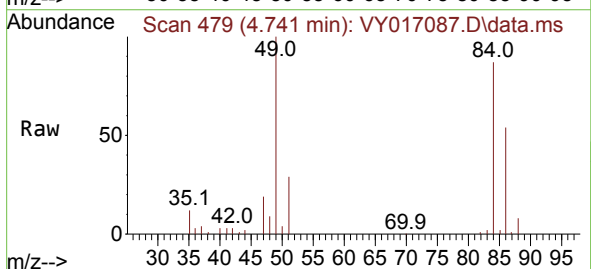
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

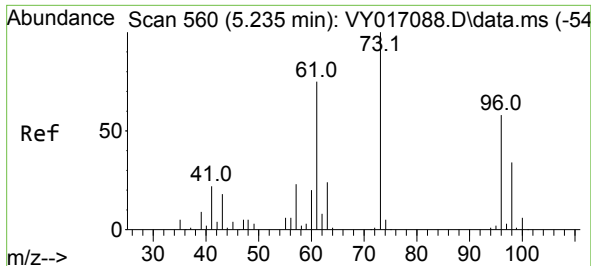
Tgt Ion: 73 Resp: 66816
Ion Ratio Lower Upper
73 100
57 22.8 17.7 26.5



#20
Methylene Chloride
Concen: 18.159 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.007 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

Tgt Ion: 84 Resp: 33769
Ion Ratio Lower Upper
84 100
49 114.4 95.2 142.8
51 32.9 29.9 44.9
86 62.1 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 19.488 ug/l

RT: 5.235 min Scan# 560

Delta R.T. -0.005 min

Lab File: VY017087.D

Acq: 24 Jan 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

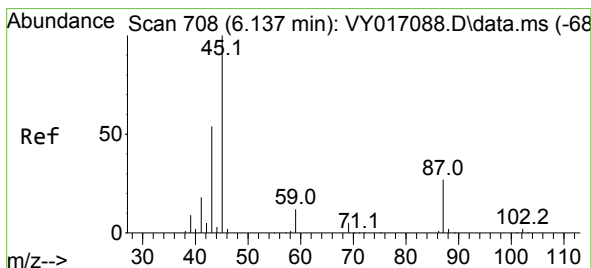
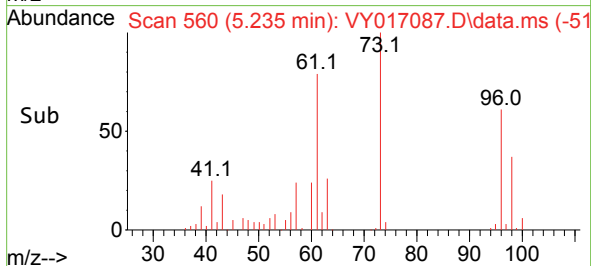
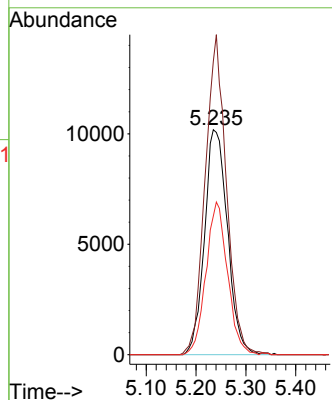
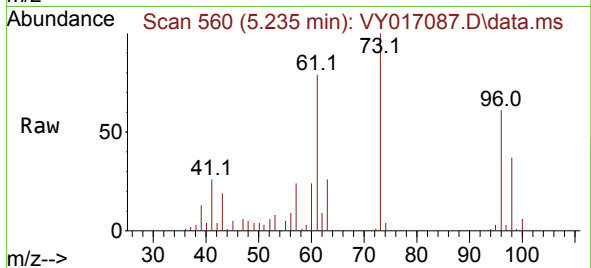
Tgt Ion: 96 Resp: 32660

Ion Ratio Lower Upper

96 100

61 130.4 104.6 156.8

98 61.6 50.9 76.3



#22

Diisopropyl ether

Concen: 19.702 ug/l

RT: 6.137 min Scan# 708

Delta R.T. 0.006 min

Lab File: VY017087.D

Acq: 24 Jan 2024 11:26

Tgt Ion: 45 Resp: 95242

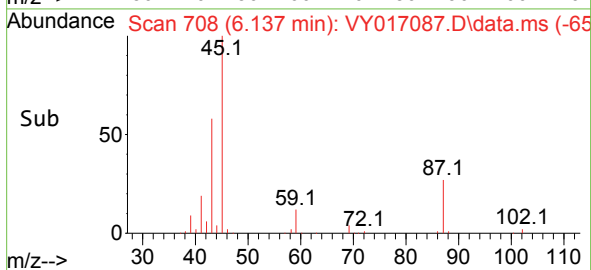
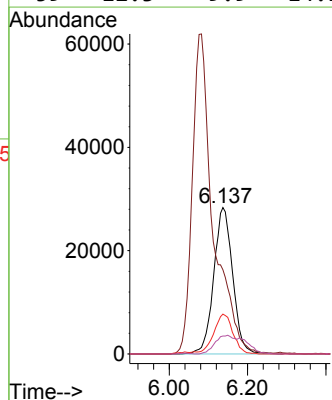
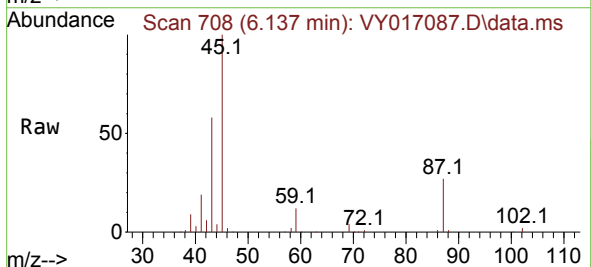
Ion Ratio Lower Upper

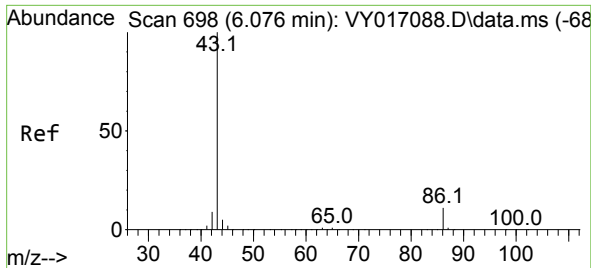
45 100

43 56.3 46.8 70.2

87 27.2 22.2 33.2

59 12.3 9.9 14.9

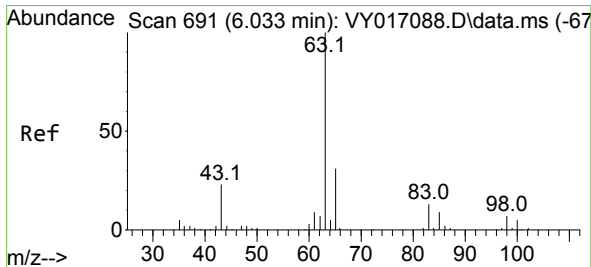
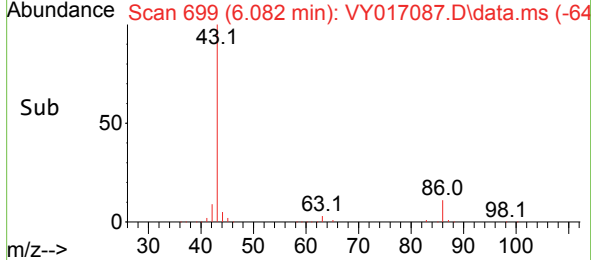
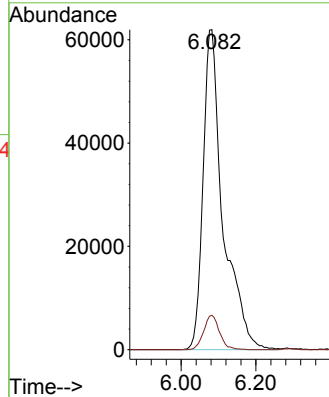
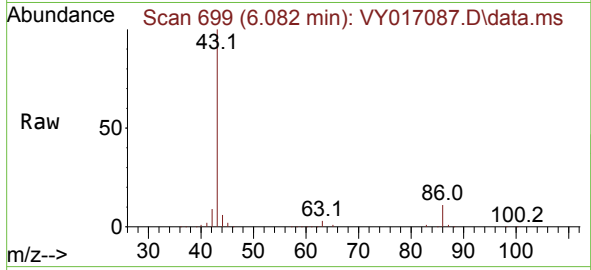




#23
 Vinyl Acetate
 Concen: 97.754 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.006 min
 Lab File: VY017087.D
 Acq: 24 Jan 2024 11:26

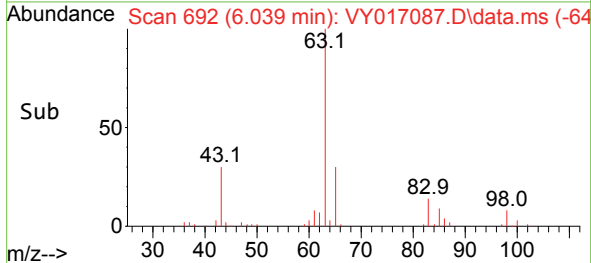
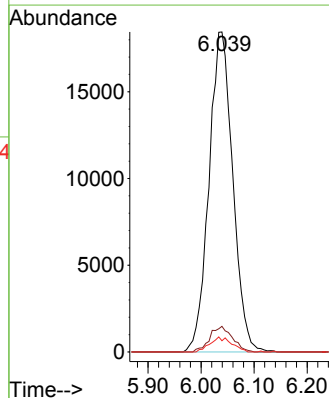
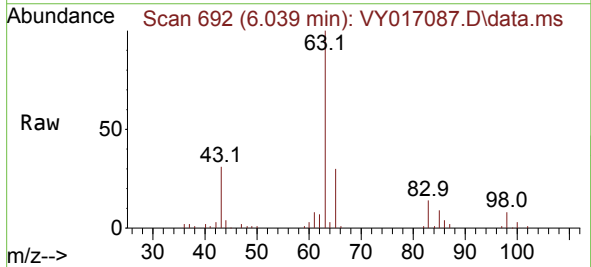
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

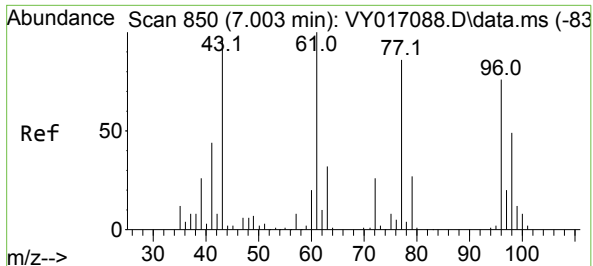
Tgt Ion: 43 Resp: 229224
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 19.482 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY017087.D
 Acq: 24 Jan 2024 11:26

Tgt Ion: 63 Resp: 57443
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.8 11.4
 100 3.5 2.1 6.2





#25

2-Butanone

Concen: 107.949 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.007 min

Lab File: VY017087.D

Acq: 24 Jan 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

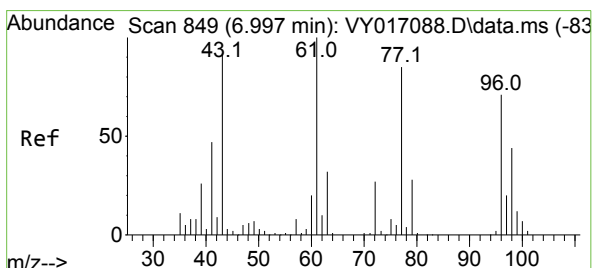
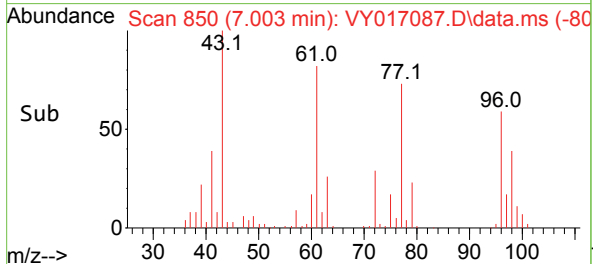
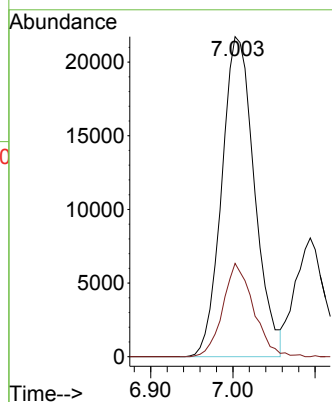
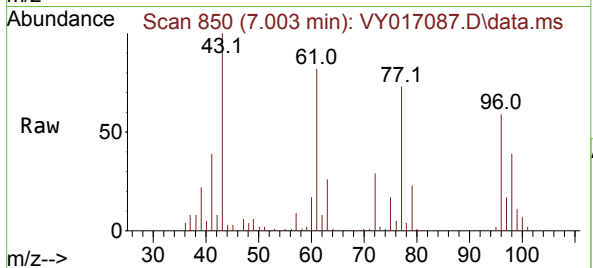
VSTDICC020

Tgt Ion: 43 Resp: 60170

Ion Ratio Lower Upper

43 100

72 29.2 21.4 32.2



#26

2,2-Dichloropropane

Concen: 19.045 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.007 min

Lab File: VY017087.D

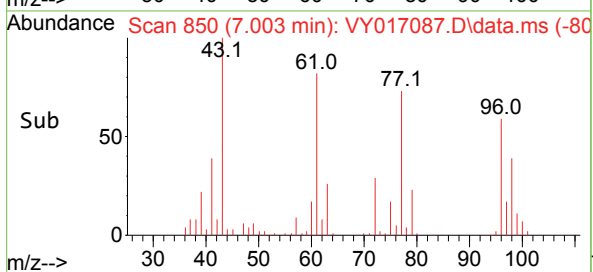
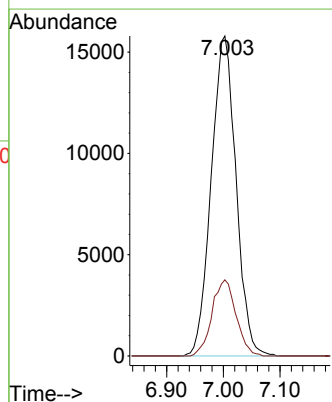
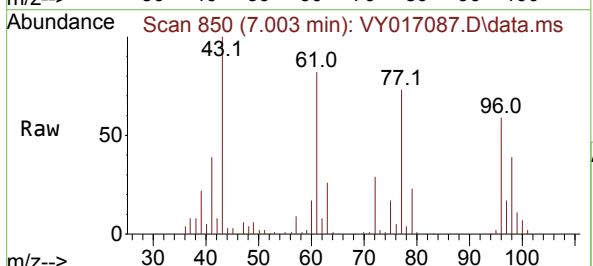
Acq: 24 Jan 2024 11:26

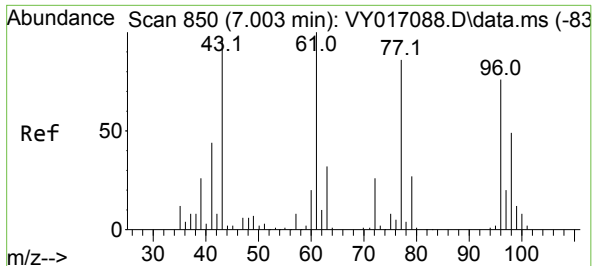
Tgt Ion: 77 Resp: 47962

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 19.296 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.007 min

Lab File: VY017087.D

Acq: 24 Jan 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

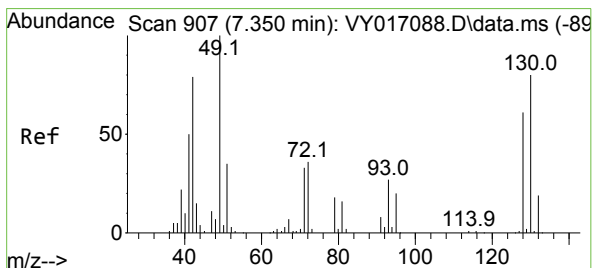
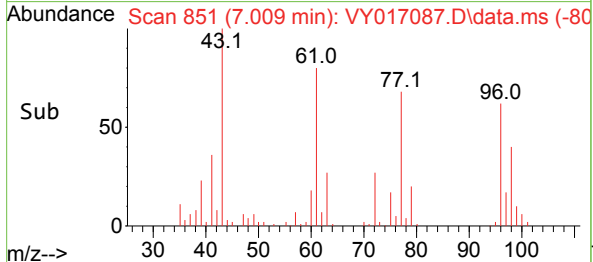
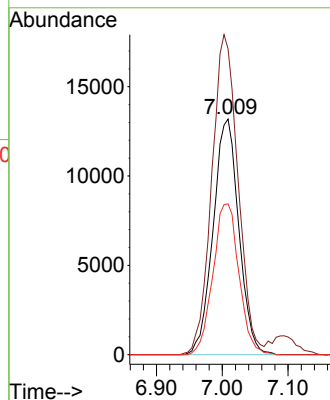
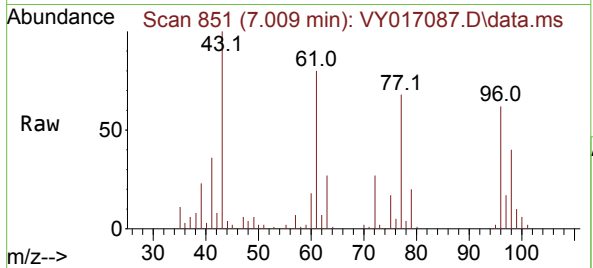
Tgt Ion: 96 Resp: 35836

Ion Ratio Lower Upper

96 100

61 138.9 0.0 278.8

98 64.8 0.0 127.0



#28

Bromochloromethane

Concen: 18.891 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY017087.D

Acq: 24 Jan 2024 11:26

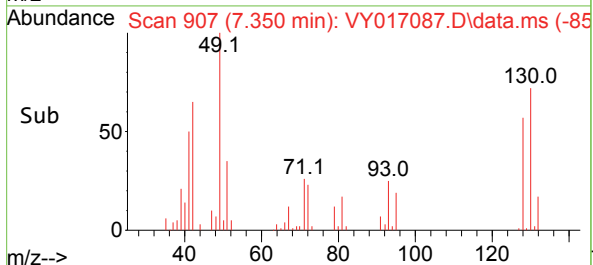
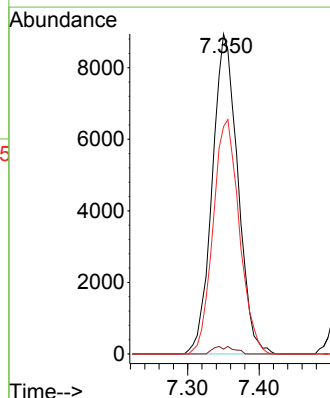
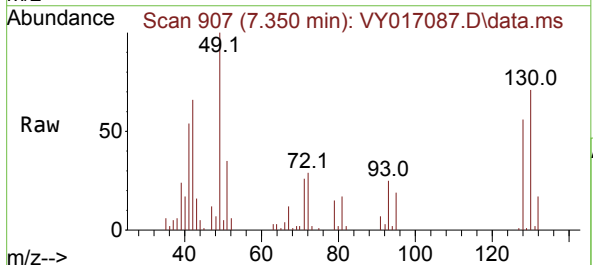
Tgt Ion: 49 Resp: 22175

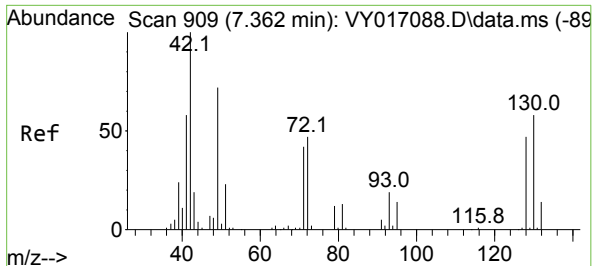
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 75.2 59.8 89.8





#29

Tetrahydrofuran

Concen: 100.470 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY017087.D

Acq: 24 Jan 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

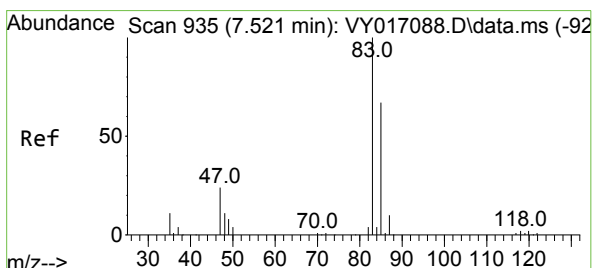
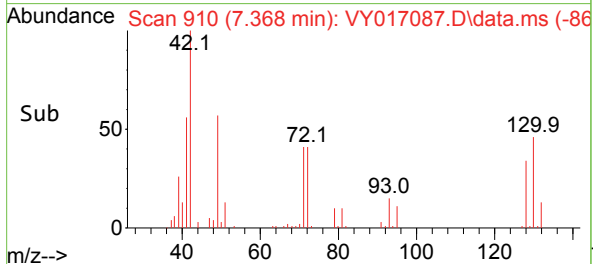
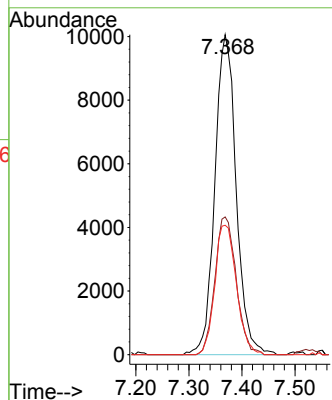
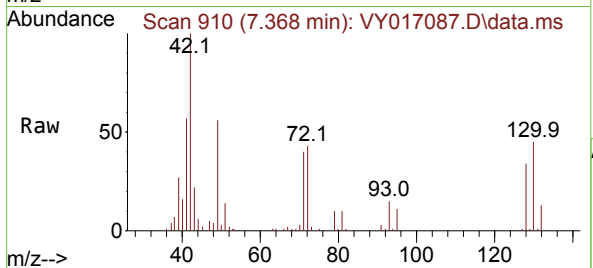
Tgt Ion: 42 Resp: 28089

Ion Ratio Lower Upper

42 100

72 43.1 36.6 54.8

71 41.0 33.8 50.6



#30

Chloroform

Concen: 19.376 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY017087.D

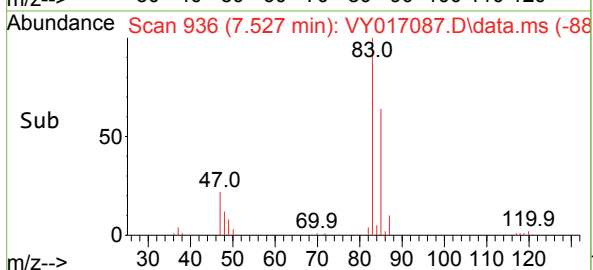
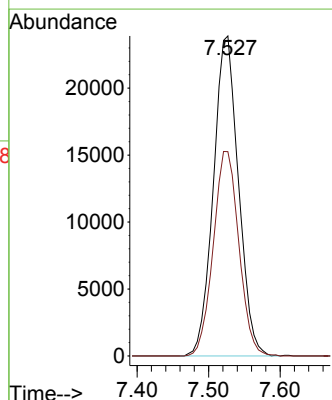
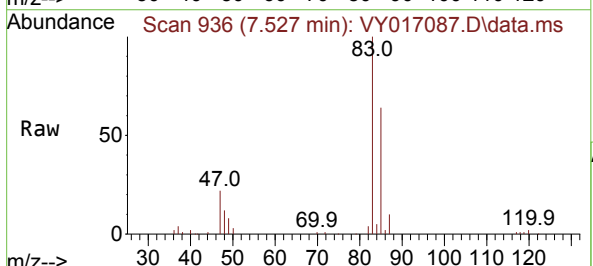
Acq: 24 Jan 2024 11:26

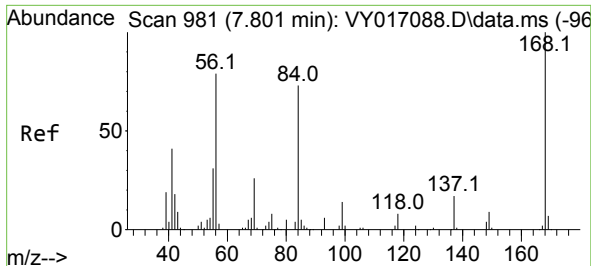
Tgt Ion: 83 Resp: 58174

Ion Ratio Lower Upper

83 100

85 63.9 51.2 76.8

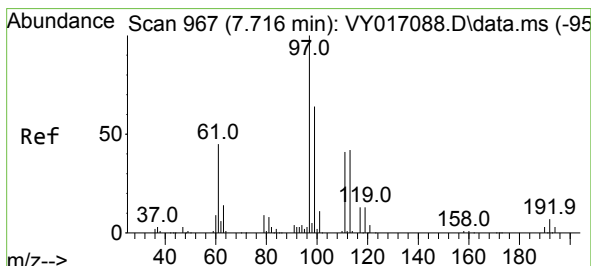
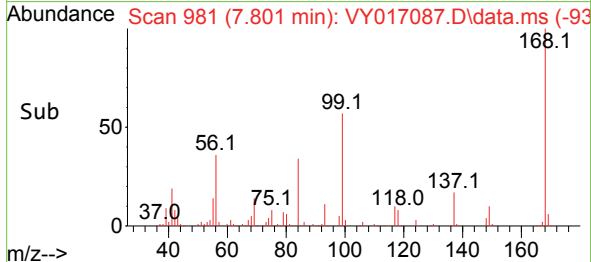
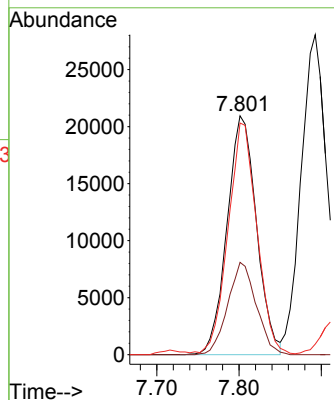
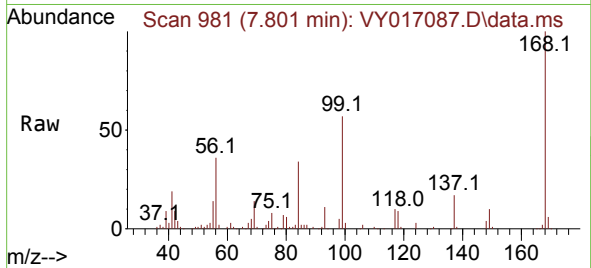




#31
Cyclohexane
Concen: 19.373 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

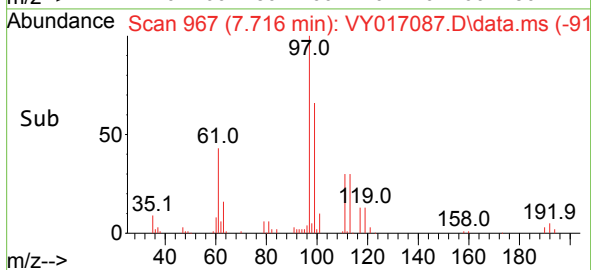
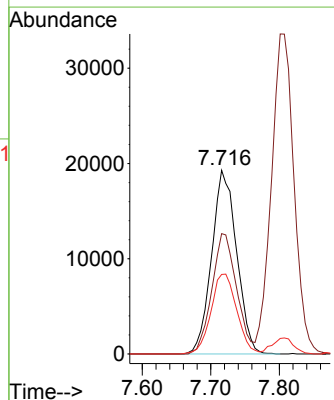
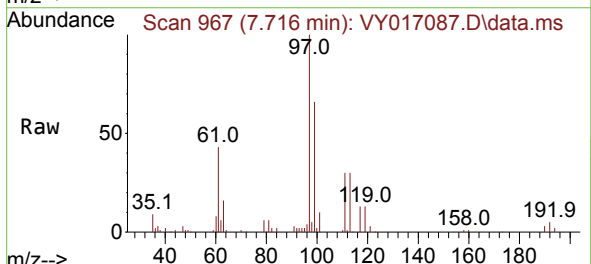
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

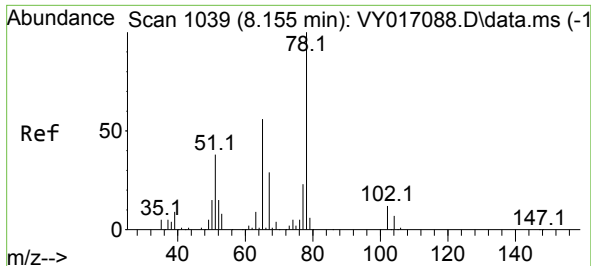
Tgt Ion: 56 Resp: 52100
Ion Ratio Lower Upper
56 100
69 38.6 27.0 40.6
84 95.8 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 18.943 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

Tgt Ion: 97 Resp: 48770
Ion Ratio Lower Upper
97 100
99 65.5 51.2 76.8
61 44.9 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 20.590 ug/l

RT: 8.155 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY017087.D

Acq: 24 Jan 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

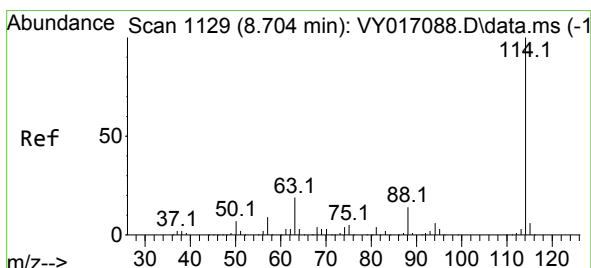
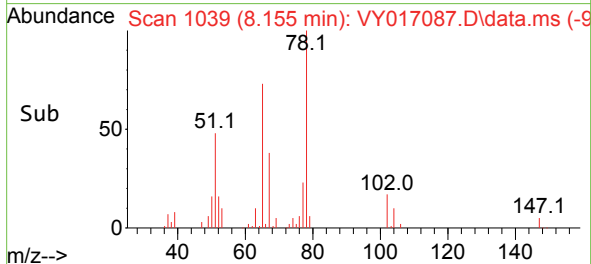
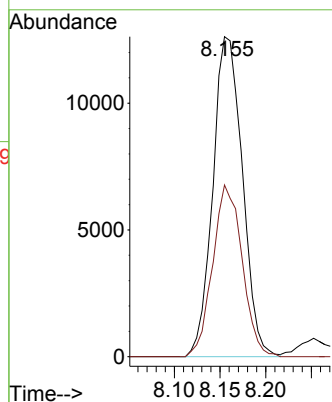
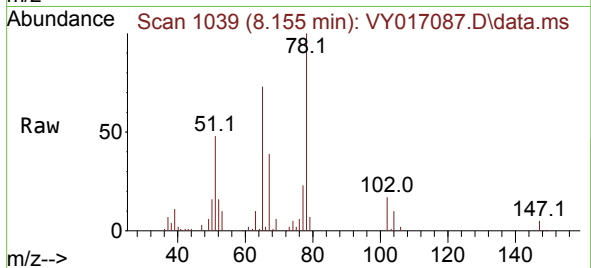
VSTDICC020

Tgt Ion: 65 Resp: 28389

Ion Ratio Lower Upper

65 100

67 53.4 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY017087.D

Acq: 24 Jan 2024 11:26

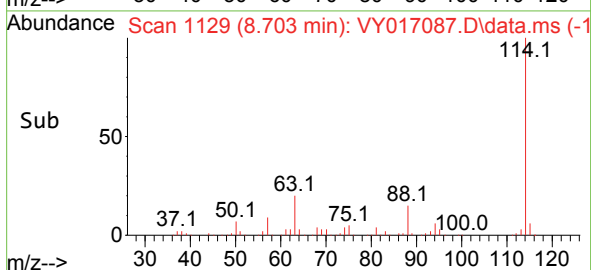
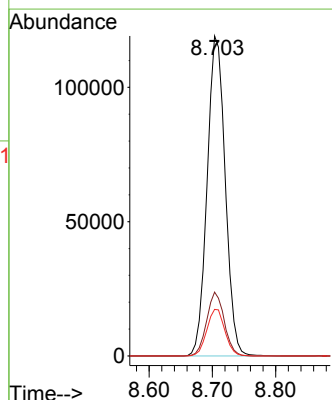
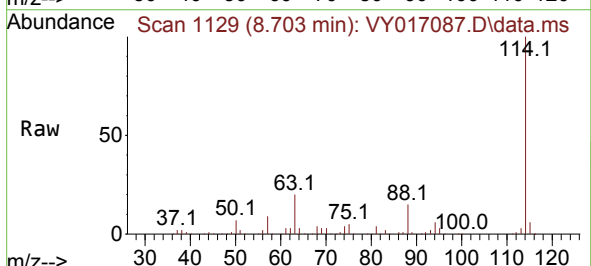
Tgt Ion: 114 Resp: 237300

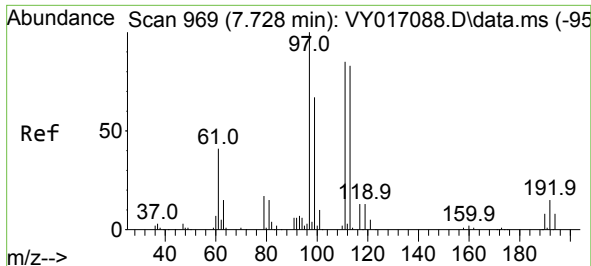
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 14.5 0.0 29.0

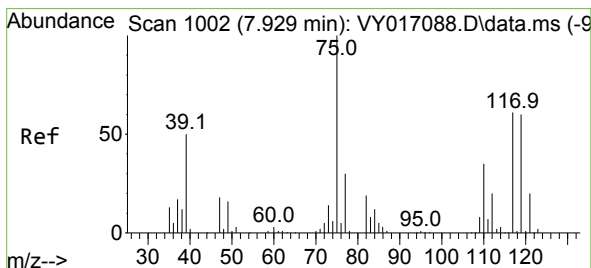
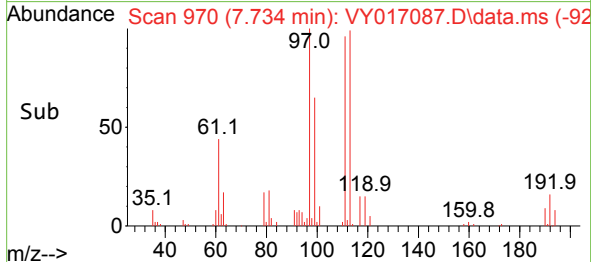
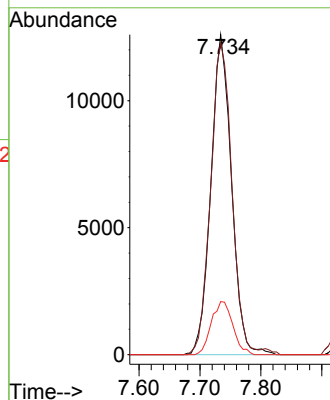
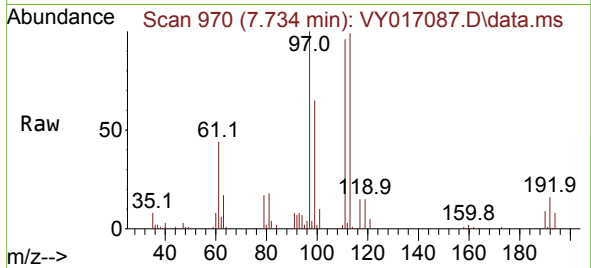




#35
Dibromofluoromethane
Concen: 20.670 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

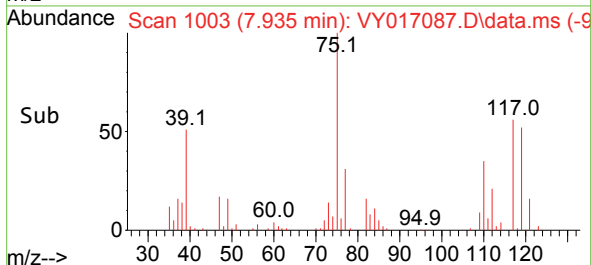
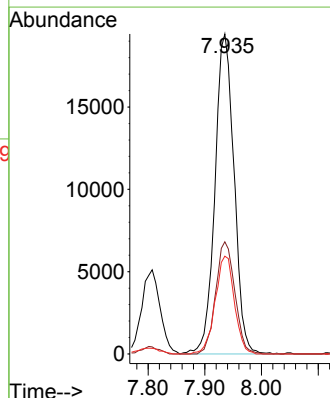
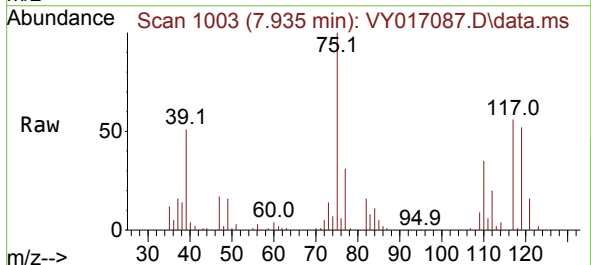
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

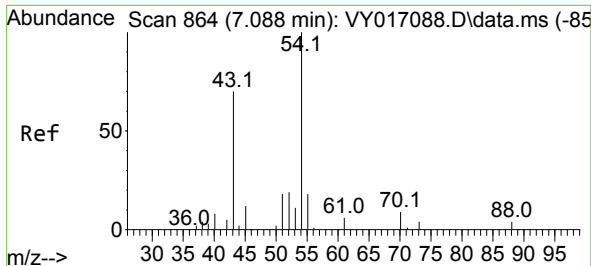
Tgt Ion:113 Resp: 29604
Ion Ratio Lower Upper
113 100
111 100.0 83.8 125.6
192 17.3 14.5 21.7



#36
1,1-Dichloropropene
Concen: 19.315 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

Tgt Ion: 75 Resp: 45515
Ion Ratio Lower Upper
75 100
110 35.1 17.4 52.3
77 30.6 24.7 37.1

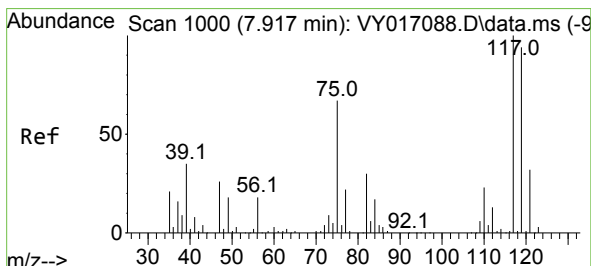
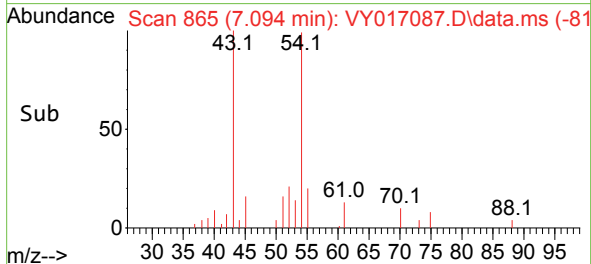
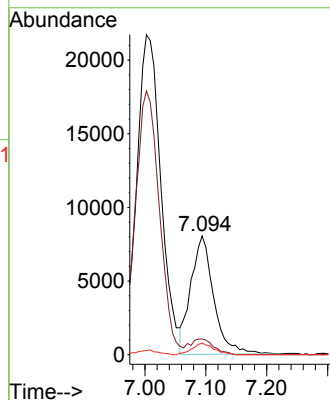
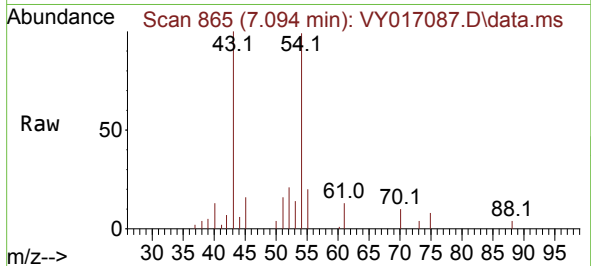




#37
Ethyl Acetate
Concen: 20.720 ug/l
RT: 7.094 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

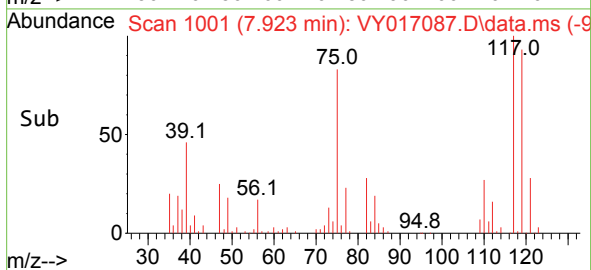
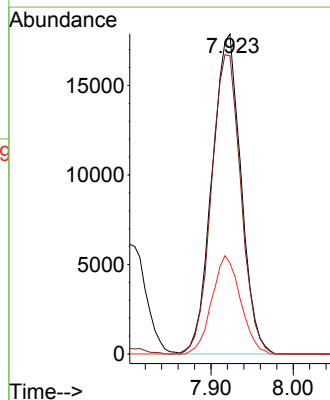
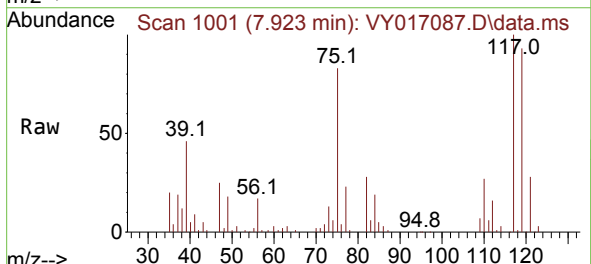
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

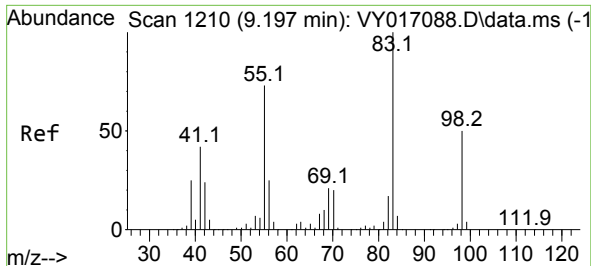
Tgt Ion: 43	Resp:	20994
Ion Ratio	Lower	Upper
43	100	
61	13.8	11.0 16.6
70	9.2	8.1 12.1



#38
Carbon Tetrachloride
Concen: 18.919 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

Tgt Ion: 117	Resp:	43688
Ion Ratio	Lower	Upper
117	100	
119	93.2	76.0 114.0
121	28.4	24.2 36.2





#39

Methylcyclohexane

Concen: 19.009 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017087.D

Acq: 24 Jan 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

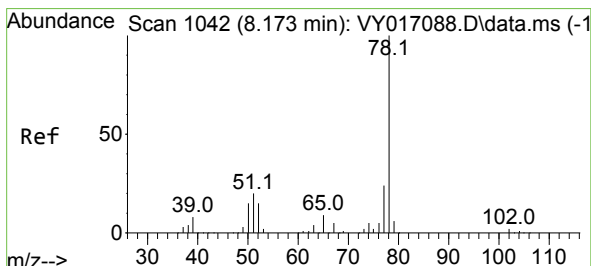
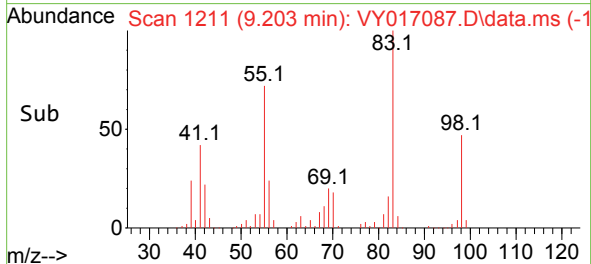
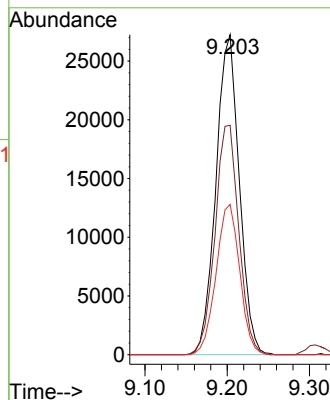
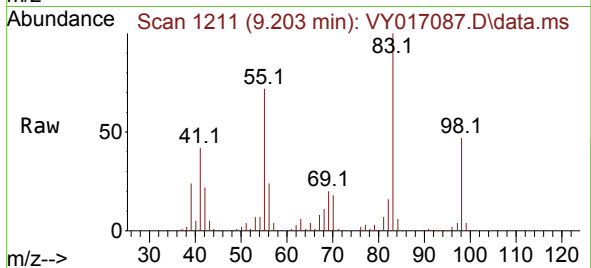
Tgt Ion: 83 Resp: 53875

Ion Ratio Lower Upper

83 100

55 71.7 59.7 89.5

98 47.0 38.0 57.0



#40

Benzene

Concen: 19.428 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY017087.D

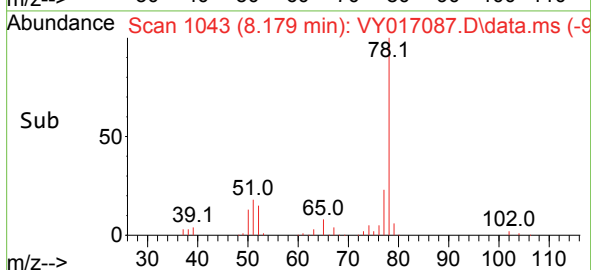
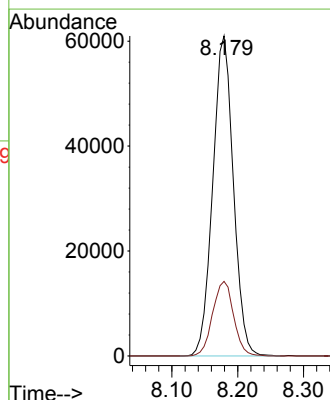
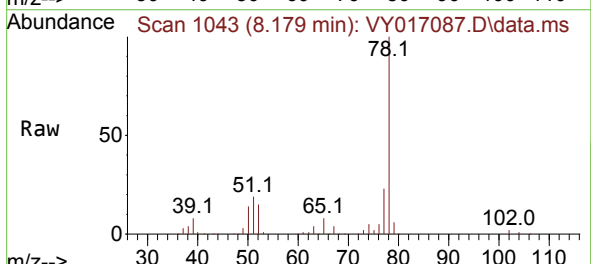
Acq: 24 Jan 2024 11:26

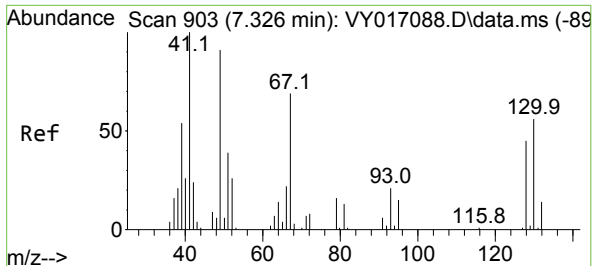
Tgt Ion: 78 Resp: 132952

Ion Ratio Lower Upper

78 100

77 23.3 18.8 28.2

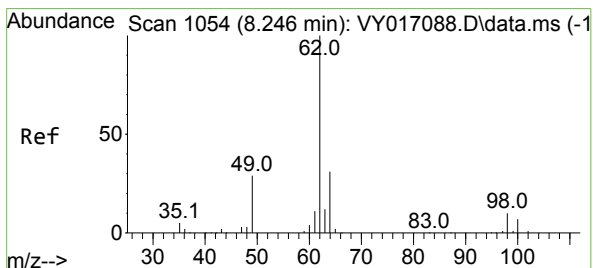
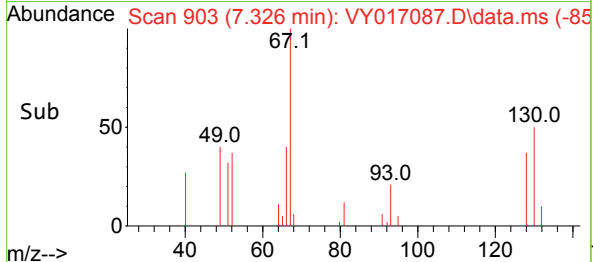
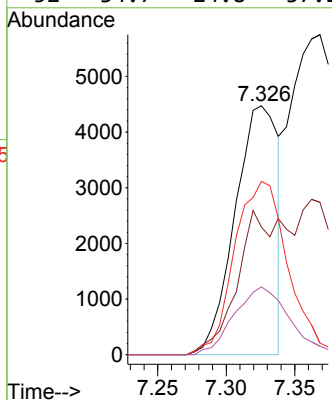
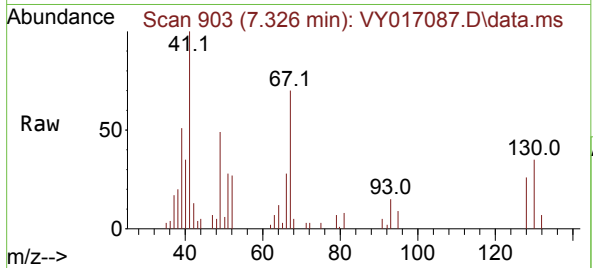




#41
Methacrylonitrile
Concen: 18.018 ug/l
RT: 7.326 min Scan# 903
Delta R.T. 0.007 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

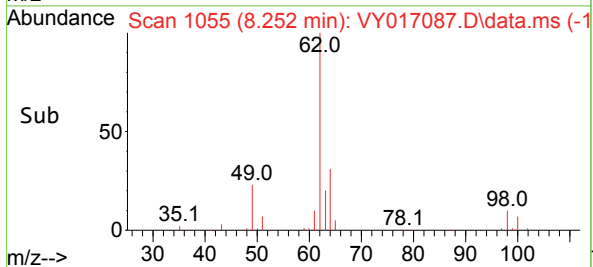
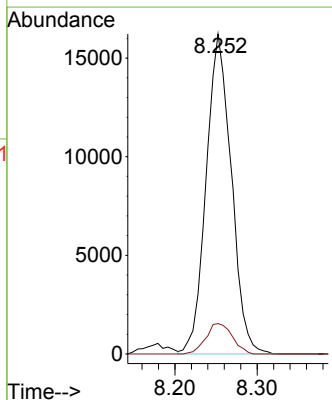
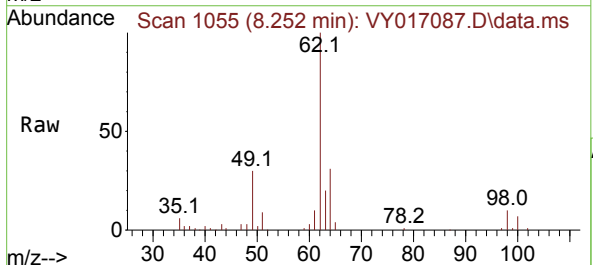
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

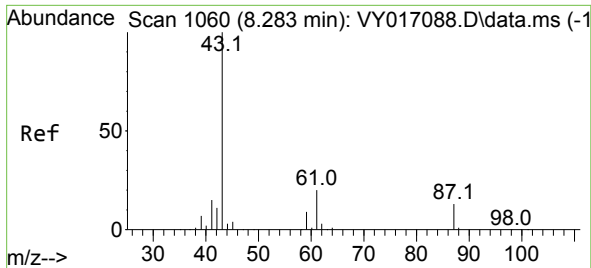
Tgt Ion:	41	Resp:	9764
Ion	Ratio	Lower	Upper
41	100		
39	44.5	41.9	62.9
67	86.3	59.8	89.6
52	34.7	24.8	37.2



#42
1,2-Dichloroethane
Concen: 19.429 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

Tgt Ion:	62	Resp:	34470
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.2

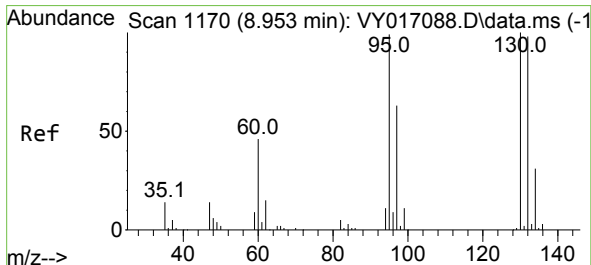
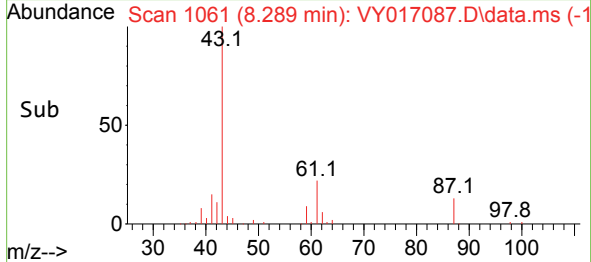
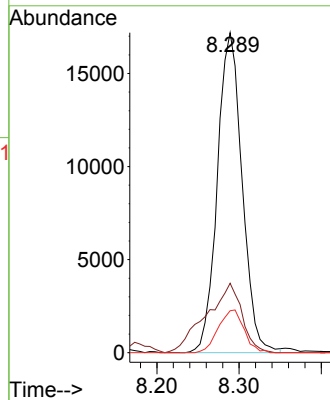
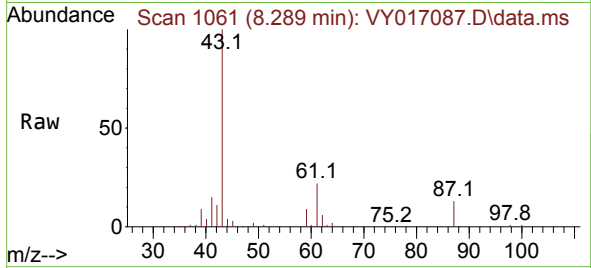




#43
Isopropyl Acetate
Concen: 19.065 ug/l
RT: 8.289 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

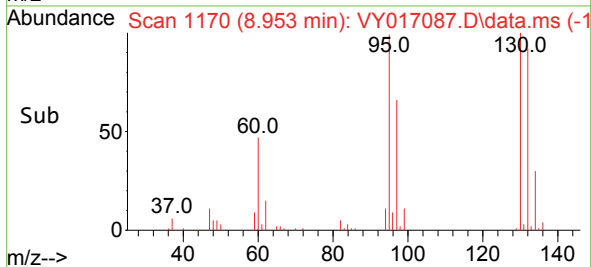
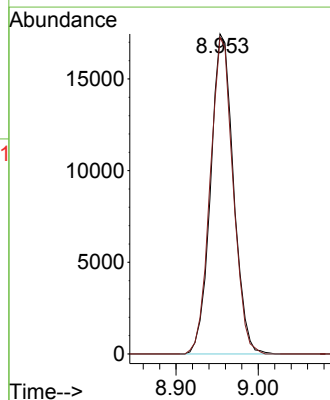
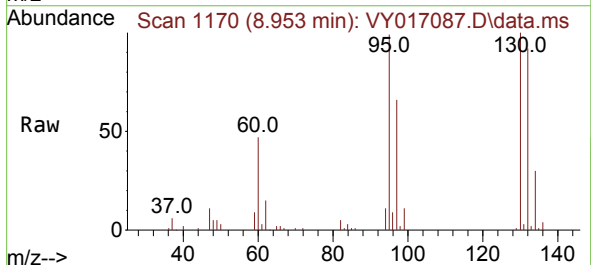
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

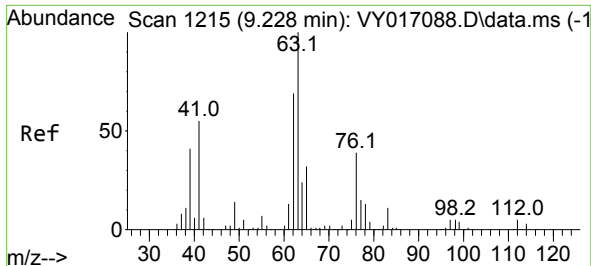
Tgt Ion: 43 Resp: 36062
Ion Ratio Lower Upper
43 100
61 31.2 24.8 37.2
87 13.8 10.7 16.1



#44
Trichloroethene
Concen: 19.162 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

Tgt Ion:130 Resp: 33633
Ion Ratio Lower Upper
130 100
95 98.9 0.0 203.8





#45

1,2-Dichloropropane

Concen: 19.491 ug/l

RT: 9.234 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017087.D

Acq: 24 Jan 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

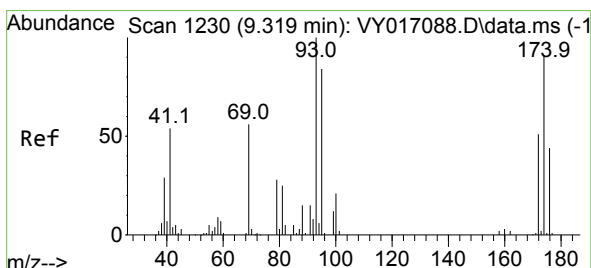
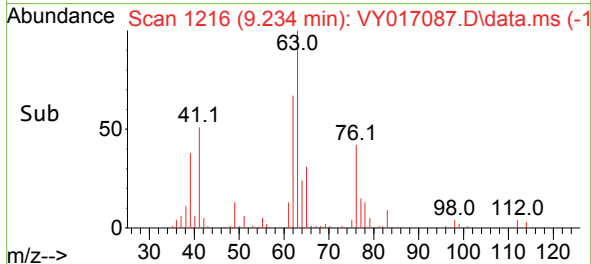
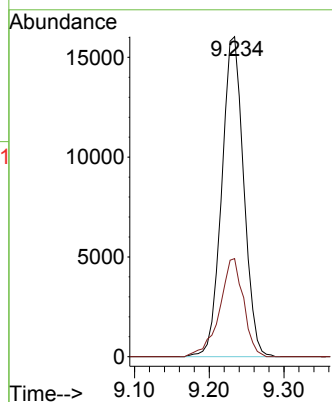
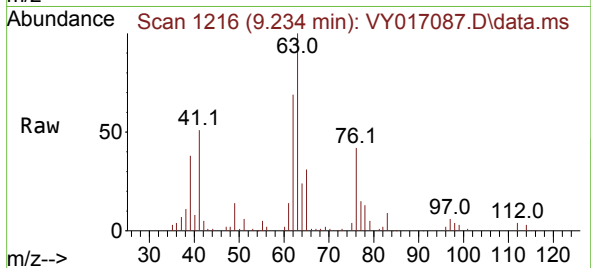
VSTDIC020

Tgt Ion: 63 Resp: 32739

Ion Ratio Lower Upper

63 100

65 30.7 24.6 36.8



#46

Dibromomethane

Concen: 19.443 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY017087.D

Acq: 24 Jan 2024 11:26

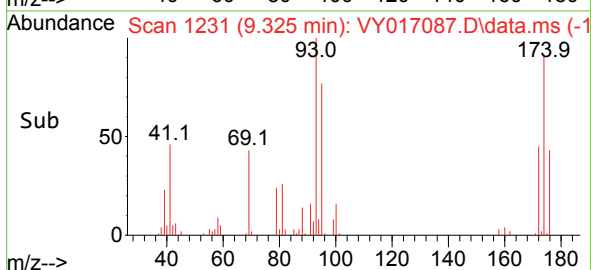
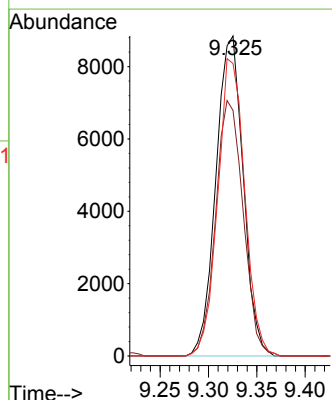
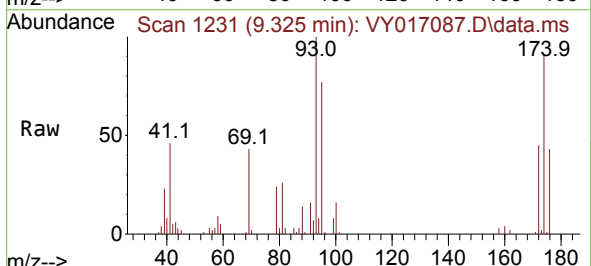
Tgt Ion: 93 Resp: 17344

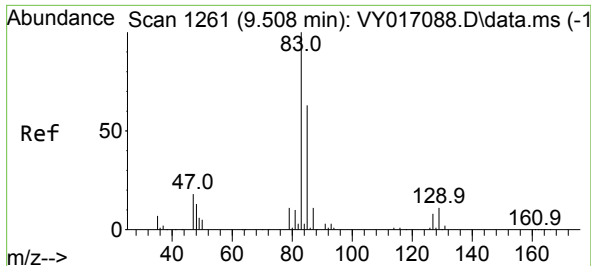
Ion Ratio Lower Upper

93 100

95 80.8 66.6 99.8

174 91.9 73.8 110.6

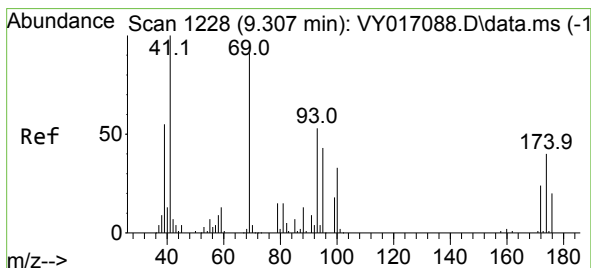
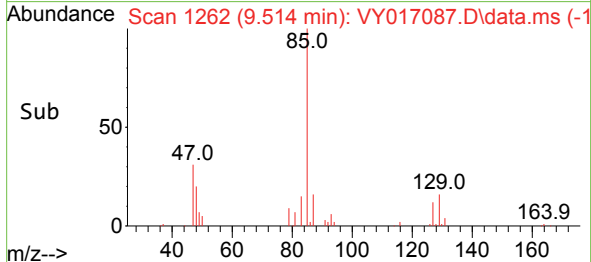
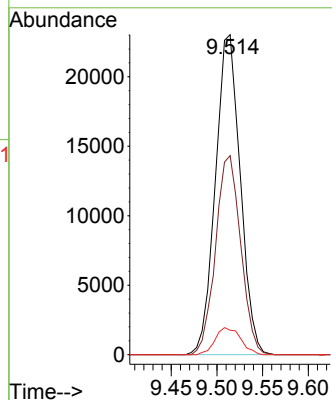
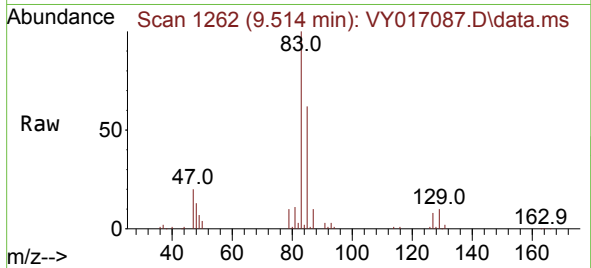




#47
Bromodichloromethane
Concen: 19.191 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

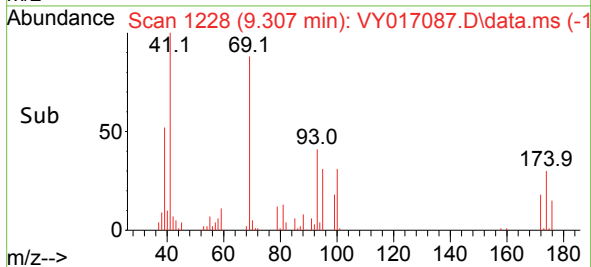
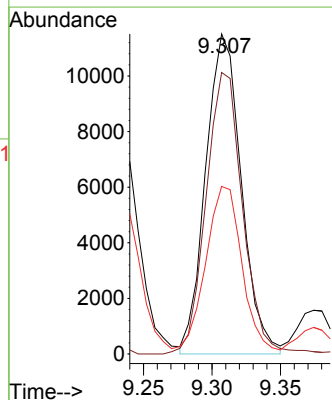
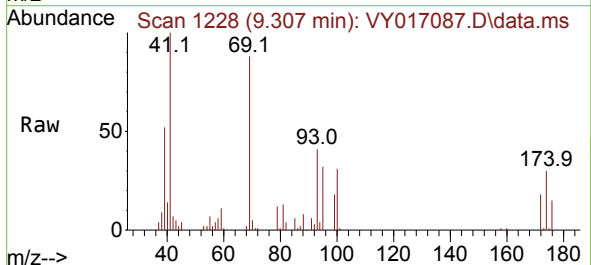
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

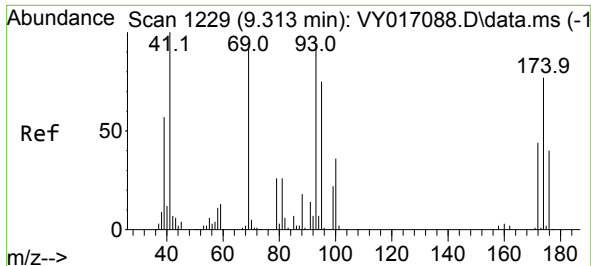
Tgt Ion: 83	Resp: 43553
Ion Ratio	Lower Upper
83 100	
85 62.2	53.2 79.8
127 7.7	6.4 9.6



#48
Methyl methacrylate
Concen: 19.845 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

Tgt Ion: 41	Resp: 20842
Ion Ratio	Lower Upper
41 100	
69 90.3	72.1 108.1
39 51.1	42.8 64.2





#49

1,4-Dioxane

Concen: 383.319 ug/l

RT: 9.319 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY017087.D

Acq: 24 Jan 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

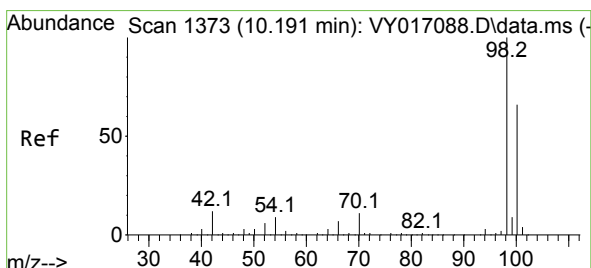
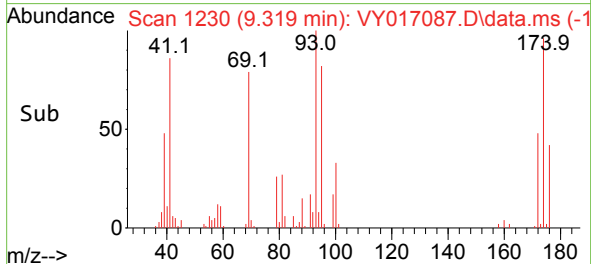
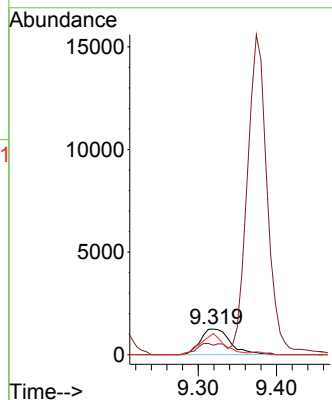
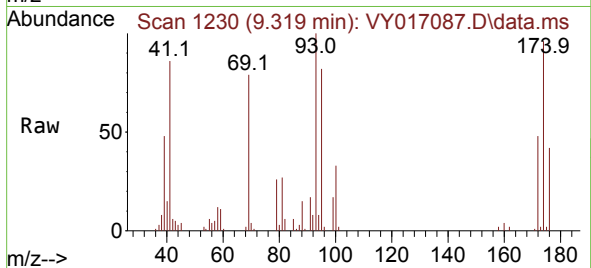
Tgt Ion: 88 Resp: 3363

Ion Ratio Lower Upper

88 100

43 40.1 28.2 42.4

58 65.2 52.2 78.2



#50

Toluene-d8

Concen: 20.208 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY017087.D

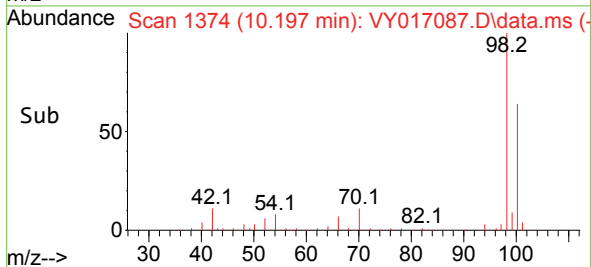
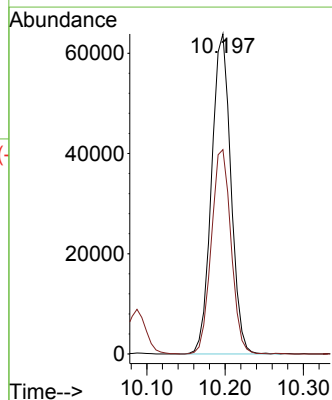
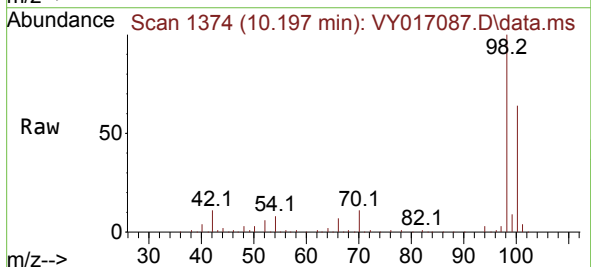
Acq: 24 Jan 2024 11:26

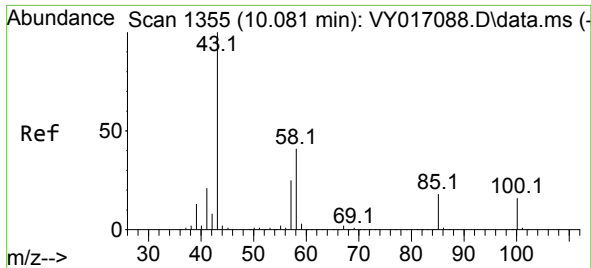
Tgt Ion: 98 Resp: 109317

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5

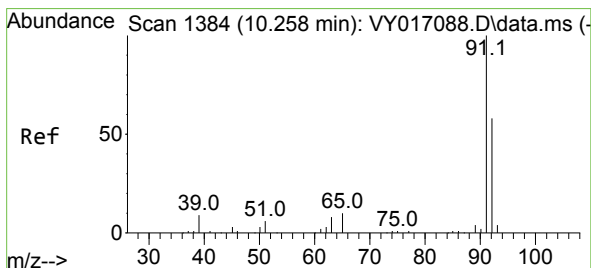
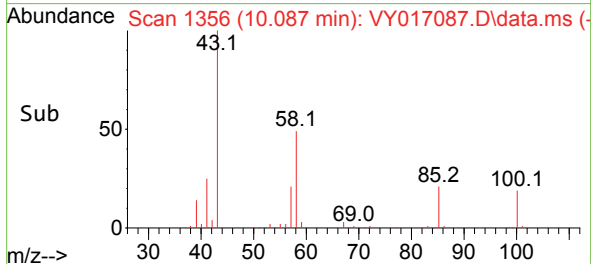
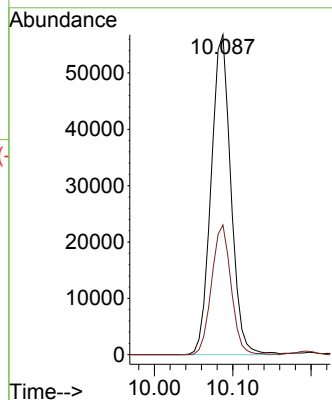
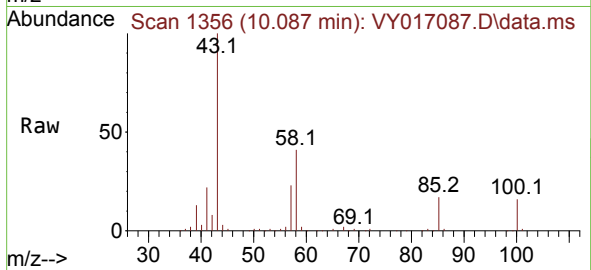




#51
4-Methyl-2-Pentanone
Concen: 98.974 ug/l
RT: 10.087 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

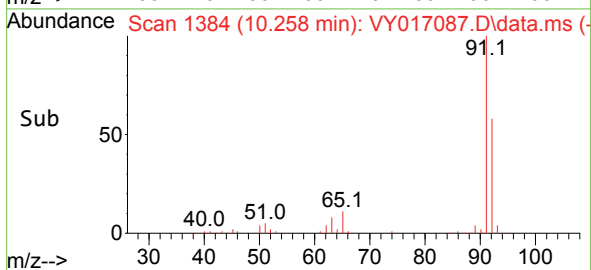
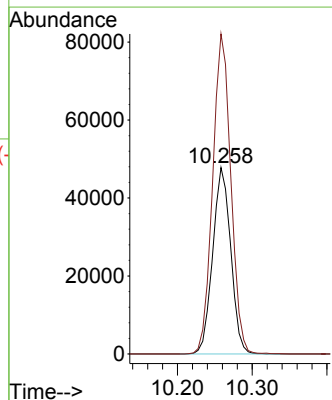
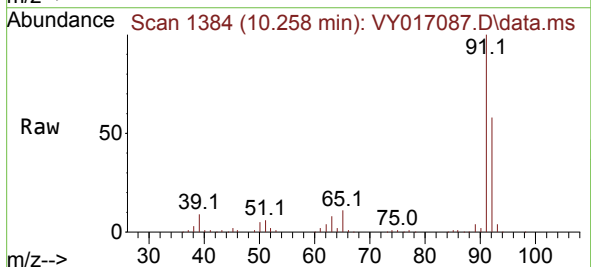
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

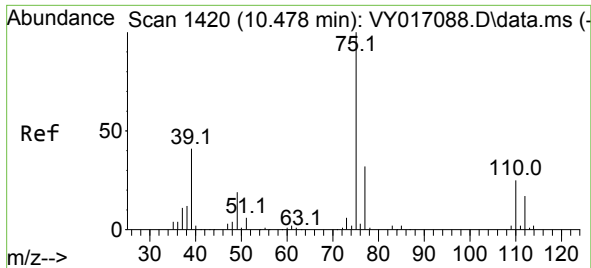
Tgt Ion: 43 Resp: 99589
Ion Ratio Lower Upper
43 100
58 40.0 32.2 48.2



#52
Toluene
Concen: 19.343 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

Tgt Ion: 92 Resp: 80122
Ion Ratio Lower Upper
92 100
91 173.4 137.6 206.4

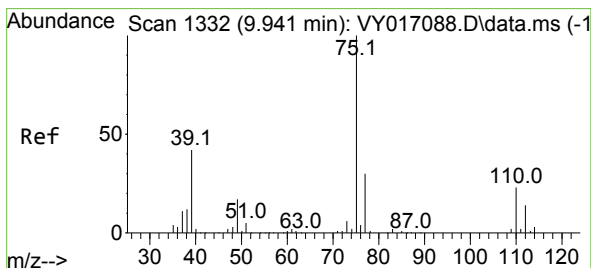
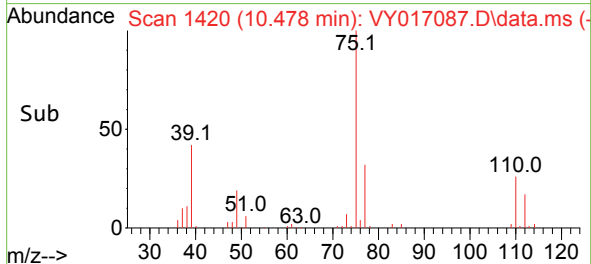
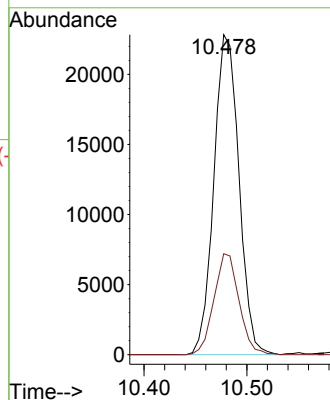
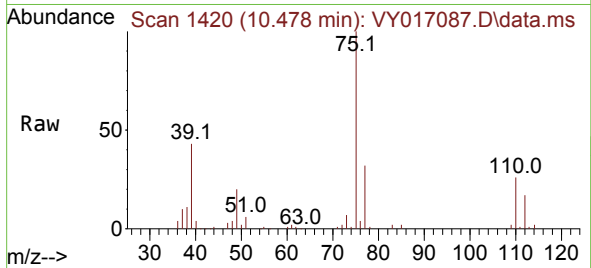




#53
 t-1,3-Dichloropropene
 Concen: 18.660 ug/l
 RT: 10.478 min Scan# 1420
 Delta R.T. 0.007 min
 Lab File: VY017087.D
 Acq: 24 Jan 2024 11:26

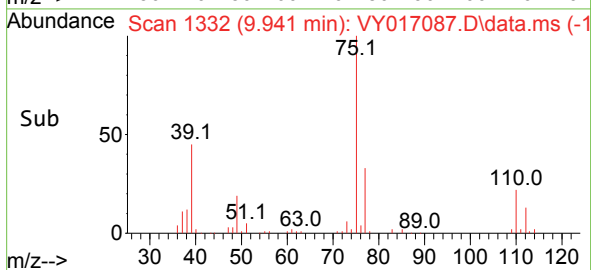
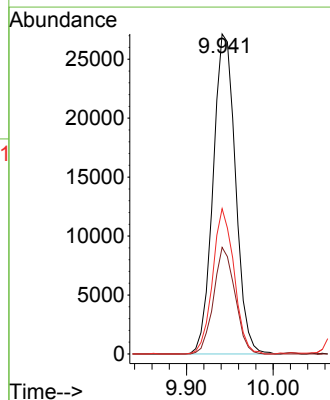
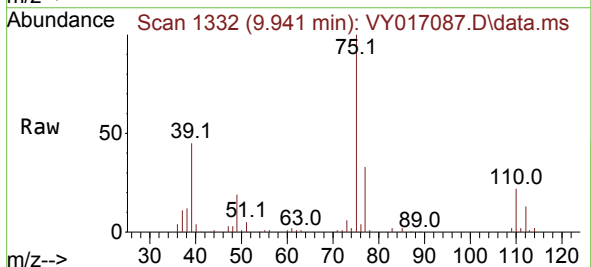
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

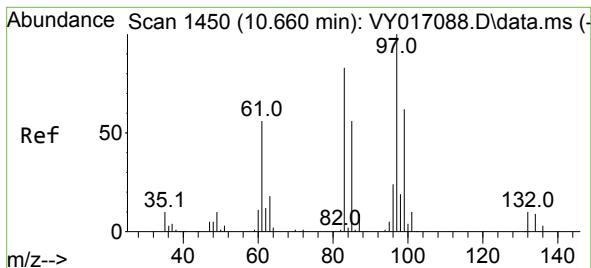
Tgt Ion: 75 Resp: 38685
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.139 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.000 min
 Lab File: VY017087.D
 Acq: 24 Jan 2024 11:26

Tgt Ion: 75 Resp: 48800
 Ion Ratio Lower Upper
 75 100
 77 33.3 24.6 36.8
 39 45.4 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 18.794 ug/l

RT: 10.660 min Scan# 1450

Delta R.T. 0.006 min

Lab File: VY017087.D

Acq: 24 Jan 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 23432

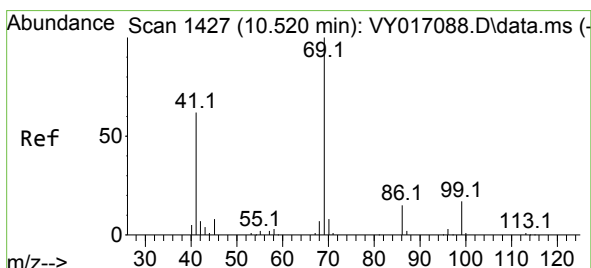
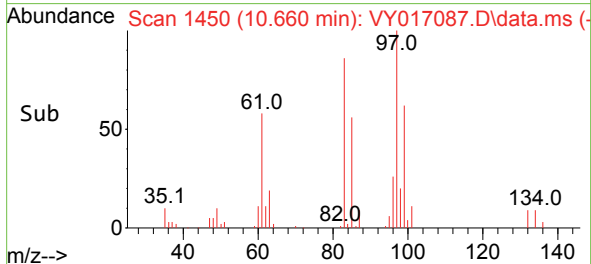
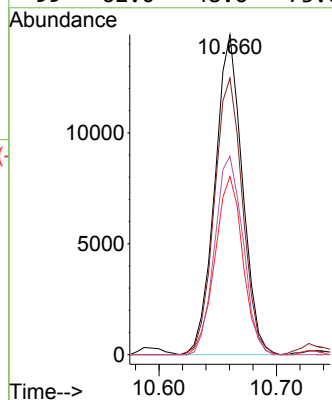
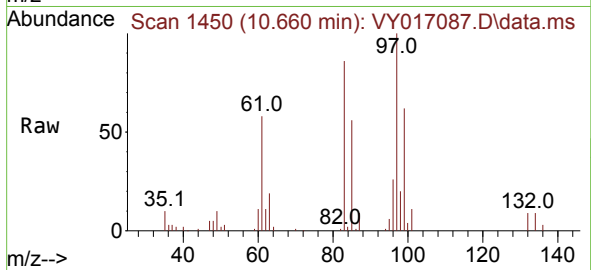
Ion Ratio Lower Upper

97 100

83 86.4 69.4 104.2

85 55.7 43.9 65.9

99 62.0 48.6 73.0



#56

Ethyl methacrylate

Concen: 18.965 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY017087.D

Acq: 24 Jan 2024 11:26

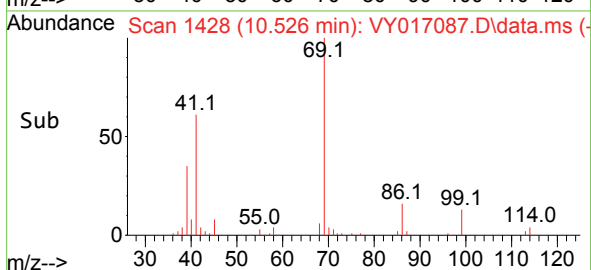
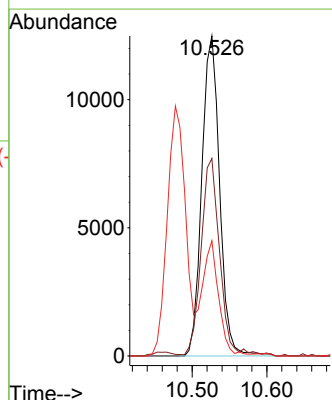
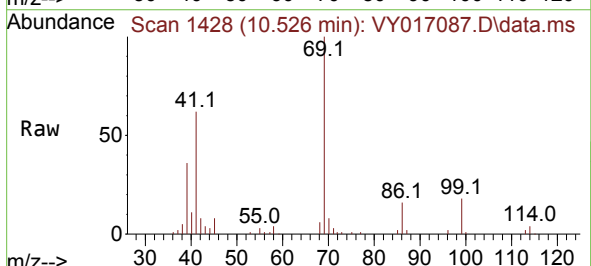
Tgt Ion: 69 Resp: 20677

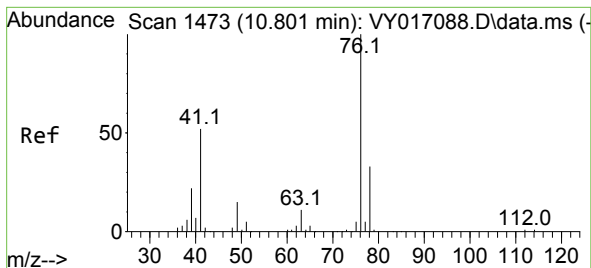
Ion Ratio Lower Upper

69 100

41 64.7 49.2 73.8

39 32.6 26.8 40.2





#57

1,3-Dichloropropane

Concen: 19.291 ug/l

RT: 10.807 min Scan# 1473

Delta R.T. 0.007 min

Lab File: VY017087.D

Acq: 24 Jan 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

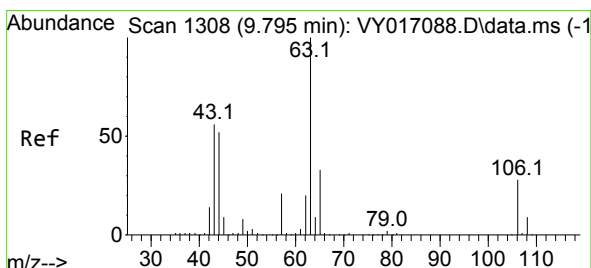
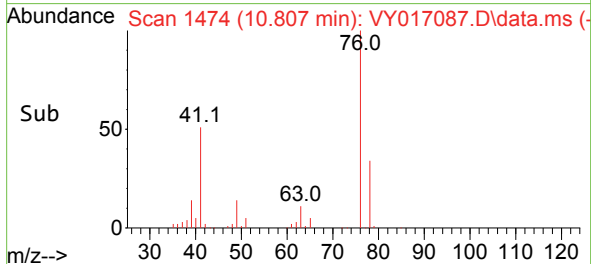
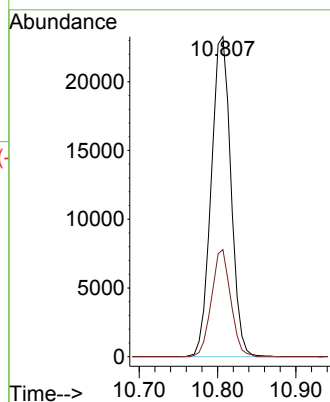
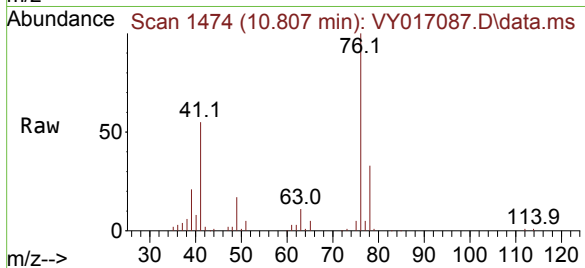
VSTDIC020

Tgt Ion: 76 Resp: 40662

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 94.173 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.007 min

Lab File: VY017087.D

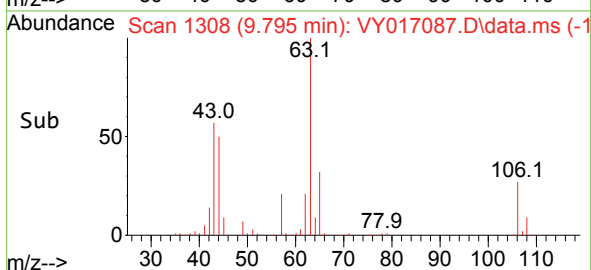
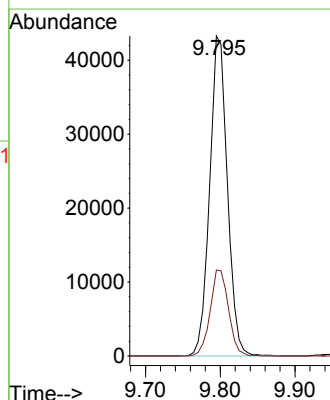
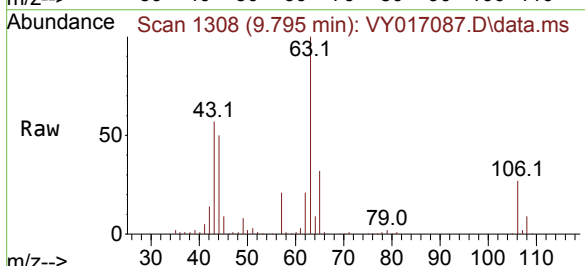
Acq: 24 Jan 2024 11:26

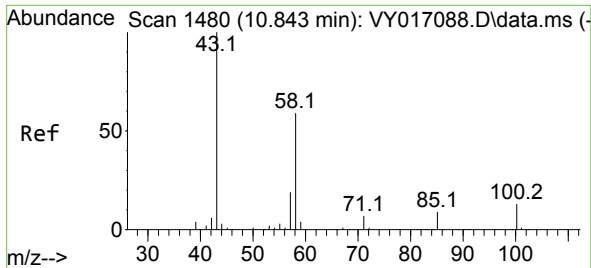
Tgt Ion: 63 Resp: 71270

Ion Ratio Lower Upper

63 100

106 27.8 22.4 33.6

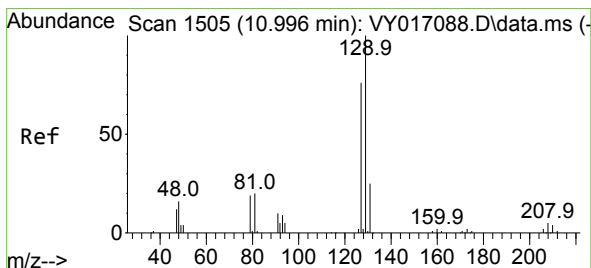
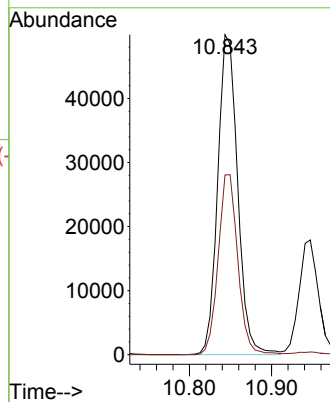
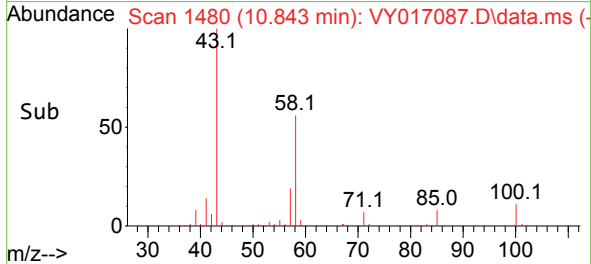
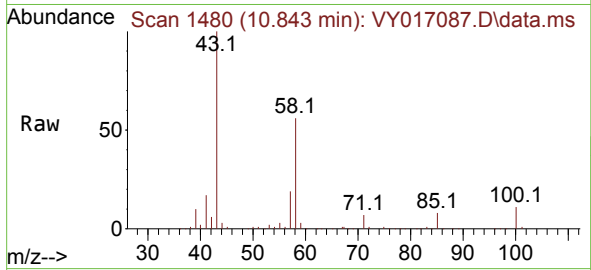




#59
2-Hexanone
Concen: 109.730 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

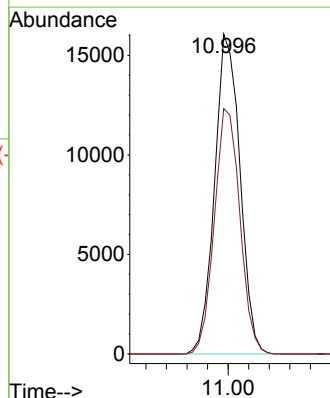
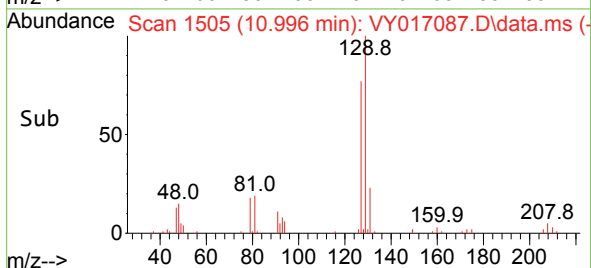
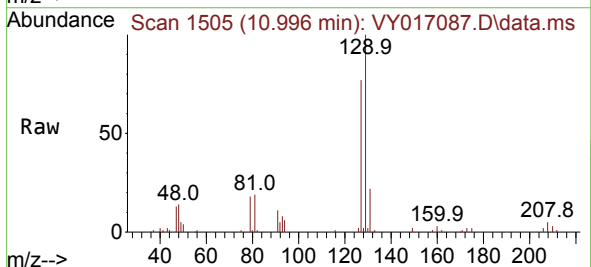
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

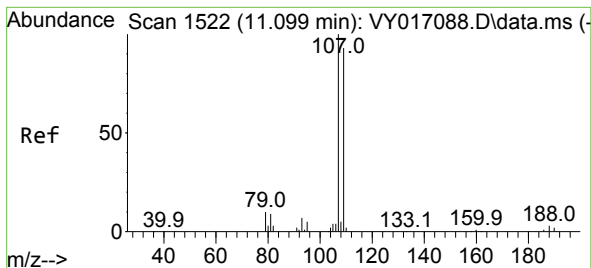
Tgt Ion: 43 Resp: 84234
Ion Ratio Lower Upper
43 100
58 55.5 28.1 84.3



#60
Dibromochloromethane
Concen: 18.998 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

Tgt Ion:129 Resp: 27518
Ion Ratio Lower Upper
129 100
127 77.3 39.2 117.6

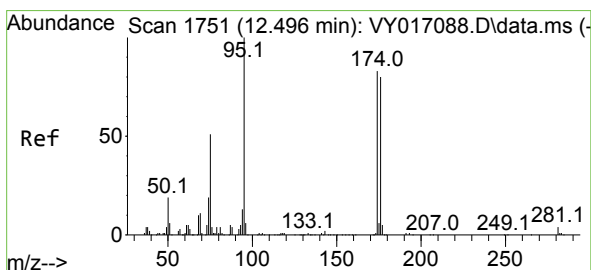
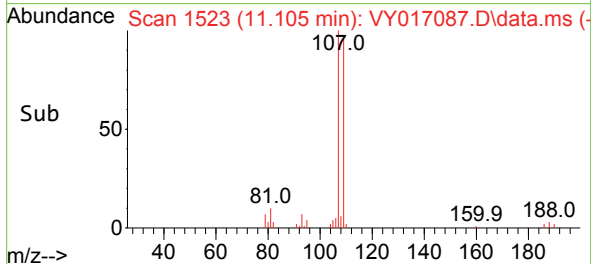
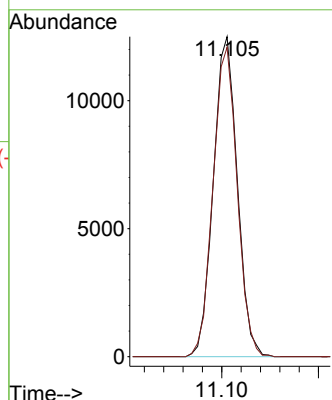
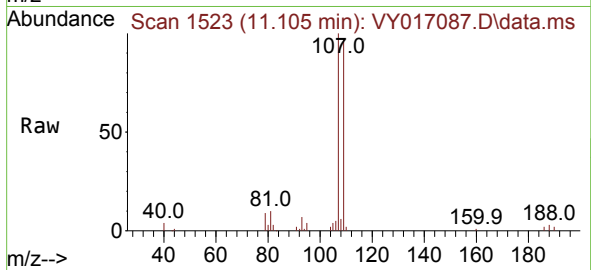




#61
1,2-Dibromoethane
Concen: 18.934 ug/l
RT: 11.105 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

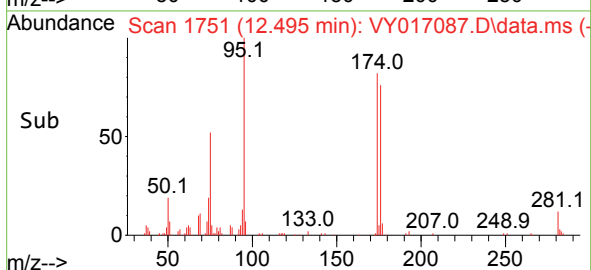
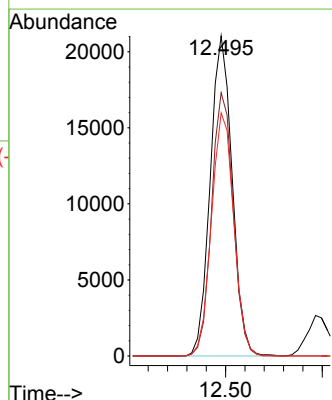
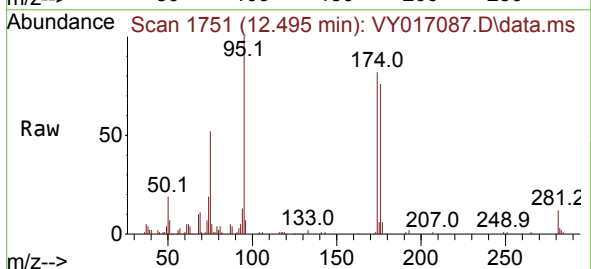
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

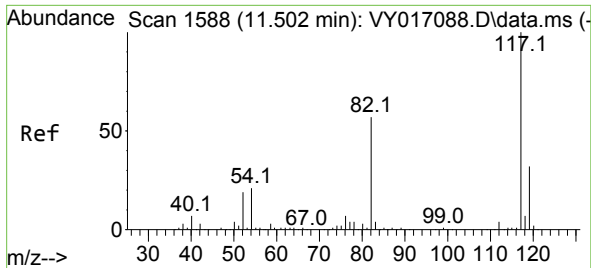
Tgt Ion:107 Resp: 21445
Ion Ratio Lower Upper
107 100
109 97.6 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 19.889 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

Tgt Ion: 95 Resp: 33143
Ion Ratio Lower Upper
95 100
174 81.0 0.0 160.0
176 77.2 0.0 151.8

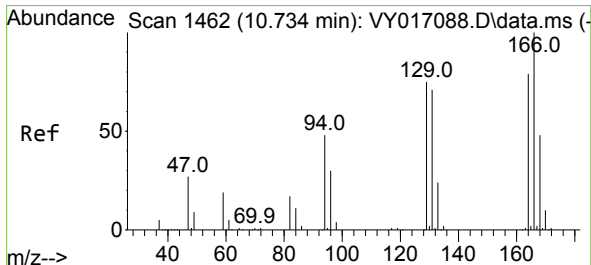
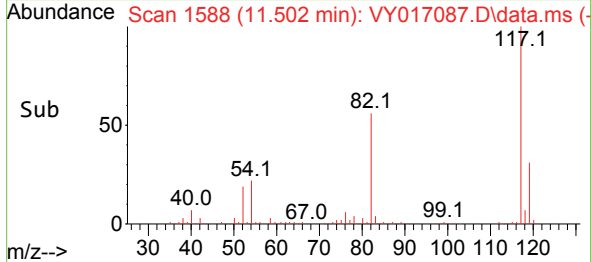
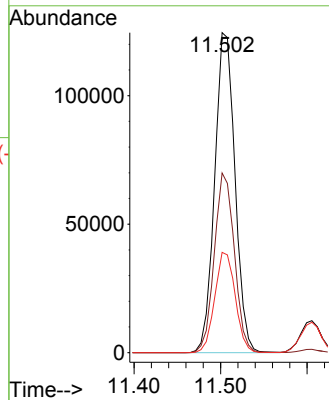
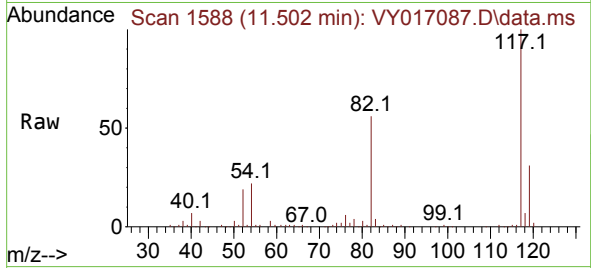




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

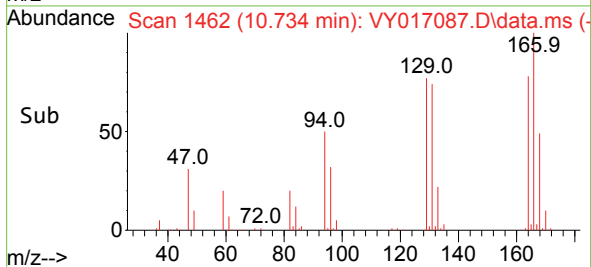
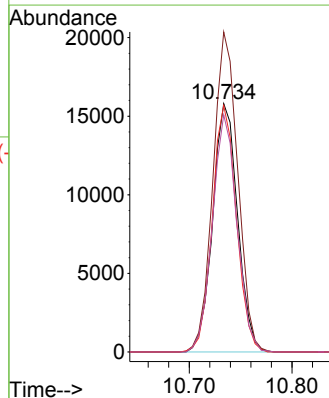
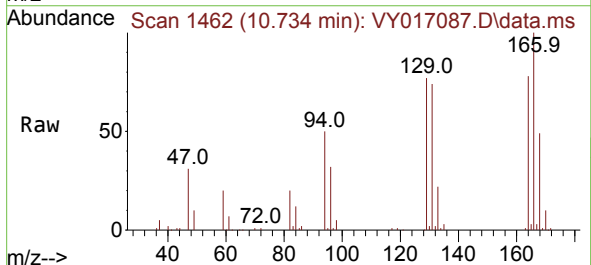
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

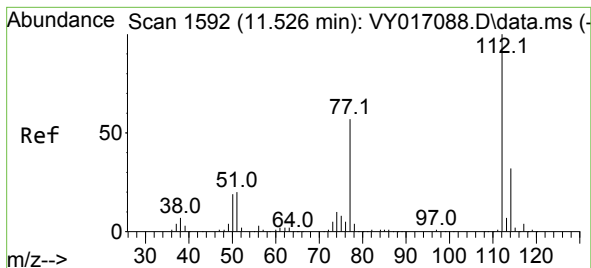
Tgt Ion:117 Resp: 203119
Ion Ratio Lower Upper
117 100
82 56.2 43.8 65.8
119 31.4 26.5 39.7



#64
Tetrachloroethene
Concen: 18.733 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. 0.007 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

Tgt Ion:164 Resp: 26522
Ion Ratio Lower Upper
164 100
166 128.9 98.8 148.2
129 99.2 78.9 118.3
131 95.5 72.5 108.7

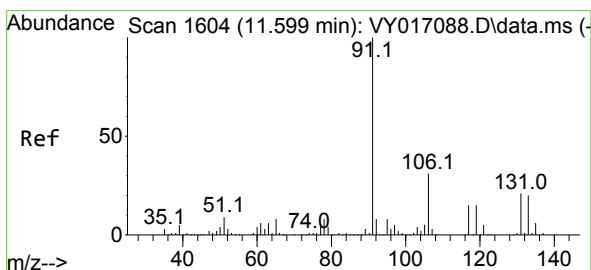
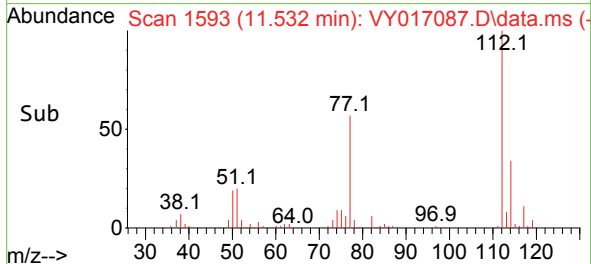
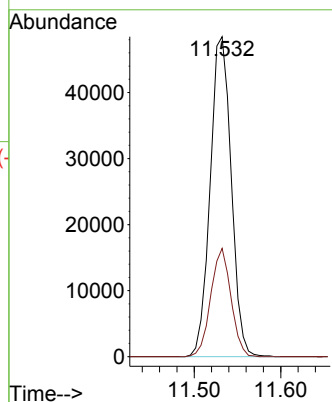
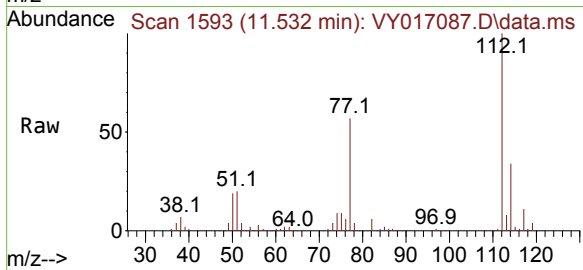




#65
Chlorobenzene
Concen: 18.996 ug/l
RT: 11.532 min Scan# 11532
Delta R.T. 0.006 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

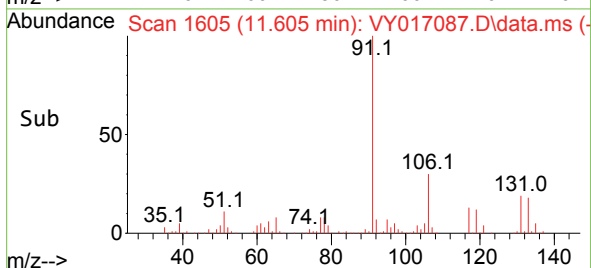
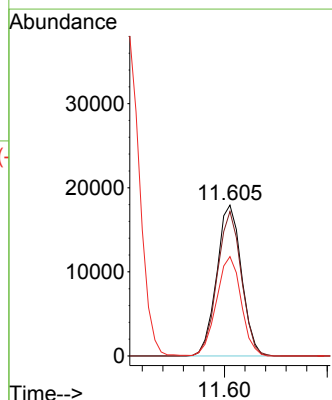
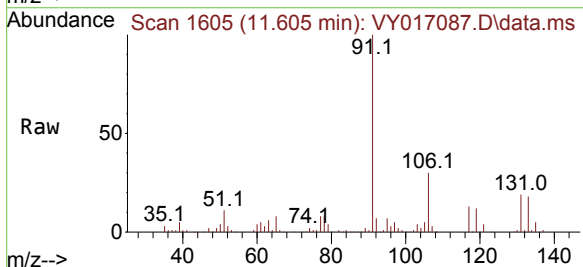
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

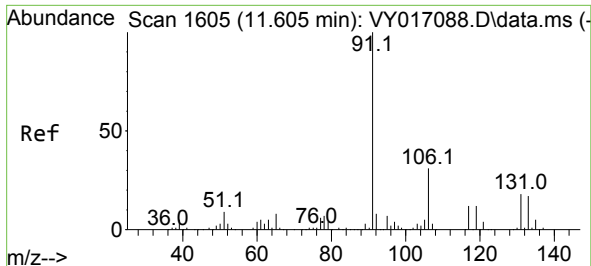
Tgt Ion:112 Resp: 81766
Ion Ratio Lower Upper
112 100
114 33.9 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.069 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

Tgt Ion:131 Resp: 29981
Ion Ratio Lower Upper
131 100
133 93.6 47.0 141.0
119 65.8 33.3 99.9

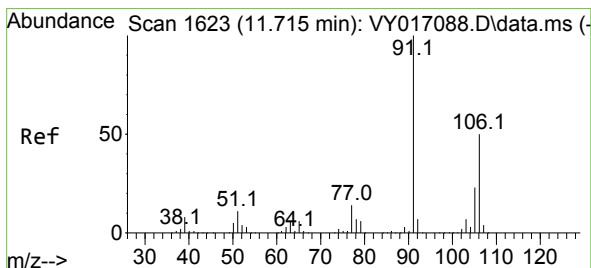
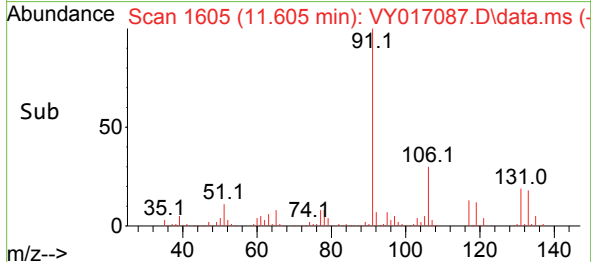
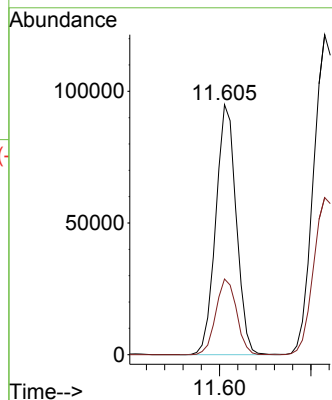
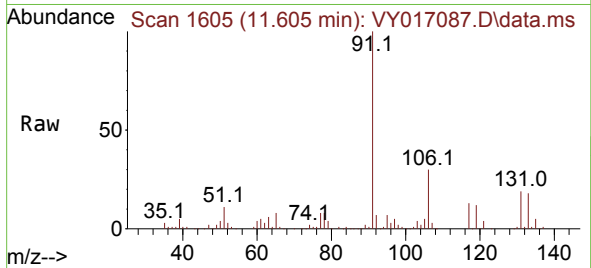




#67
Ethyl Benzene
Concen: 18.886 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

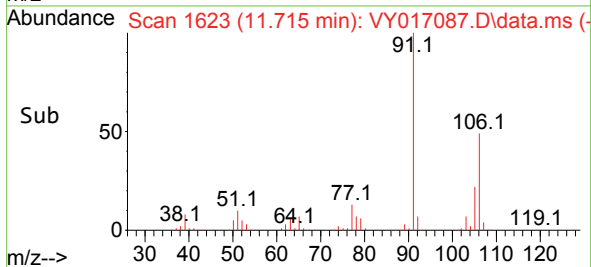
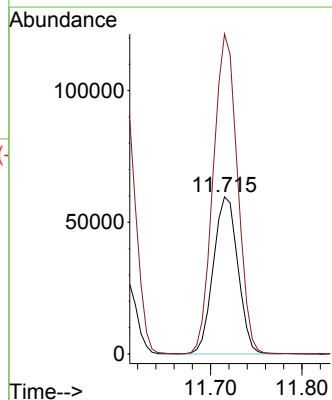
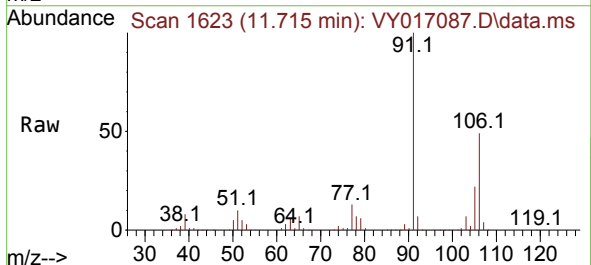
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

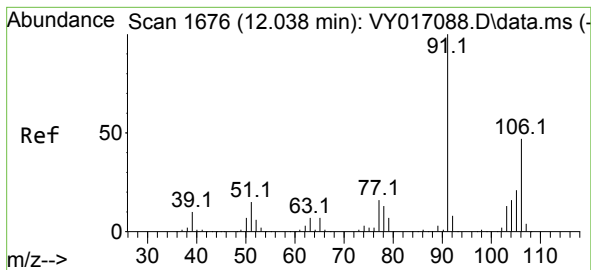
Tgt Ion: 91 Resp: 147780
Ion Ratio Lower Upper
91 100
106 30.3 25.0 37.4



#68
m/p-Xylenes
Concen: 37.926 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.006 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

Tgt Ion: 106 Resp: 111500
Ion Ratio Lower Upper
106 100
91 200.9 160.7 241.1





#69

o-Xylene

Concen: 19.001 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017087.D

Acq: 24 Jan 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

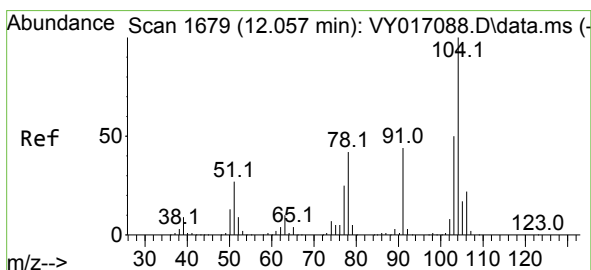
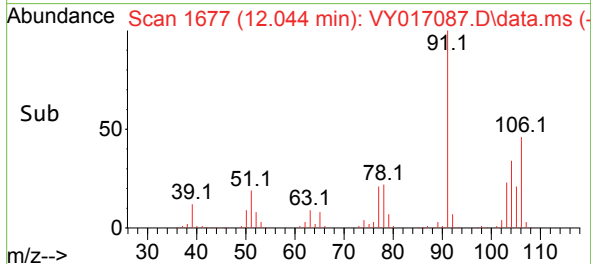
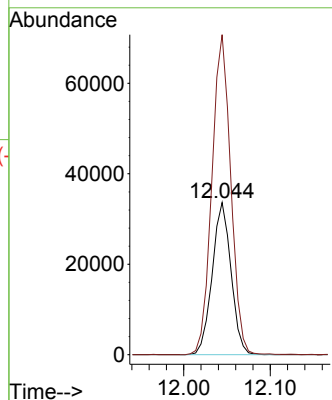
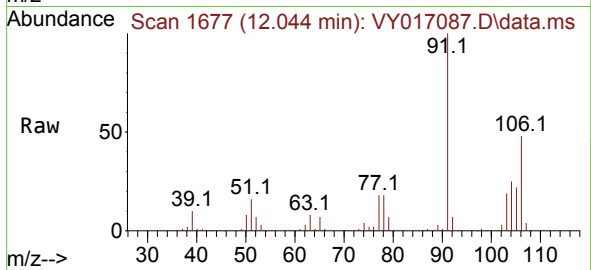
VSTDICC020

Tgt Ion:106 Resp: 50744

Ion Ratio Lower Upper

106 100

91 211.3 106.5 319.5



#70

Styrene

Concen: 19.062 ug/l

RT: 12.057 min Scan# 1679

Delta R.T. 0.007 min

Lab File: VY017087.D

Acq: 24 Jan 2024 11:26

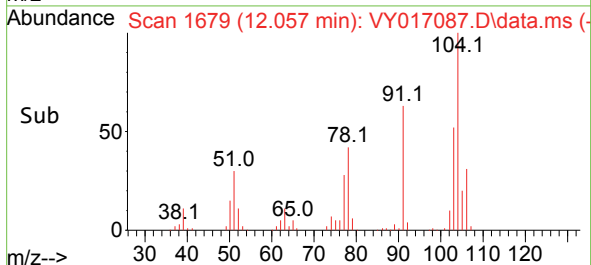
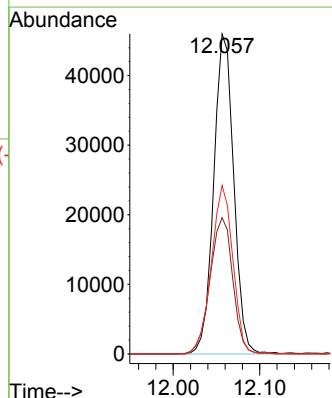
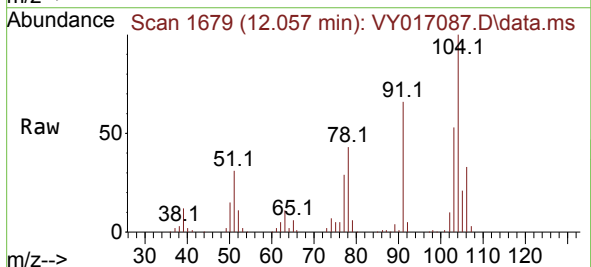
Tgt Ion:104 Resp: 73904

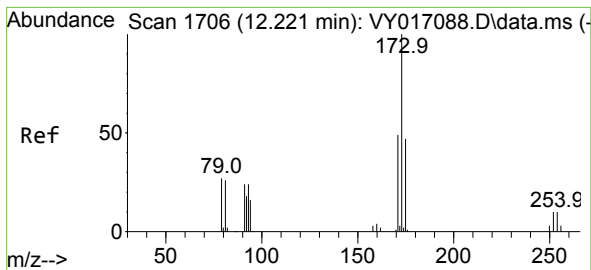
Ion Ratio Lower Upper

104 100

78 48.3 39.2 58.8

103 56.6 43.8 65.6





#71

Bromoform

Concen: 19.007 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. 0.006 min

Lab File: VY017087.D

Acq: 24 Jan 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

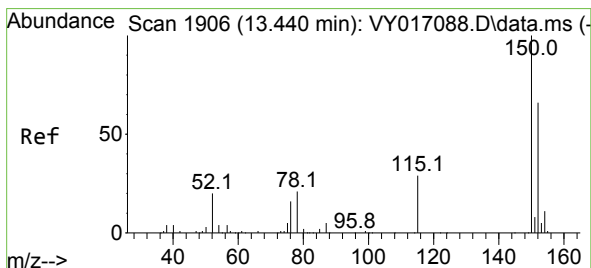
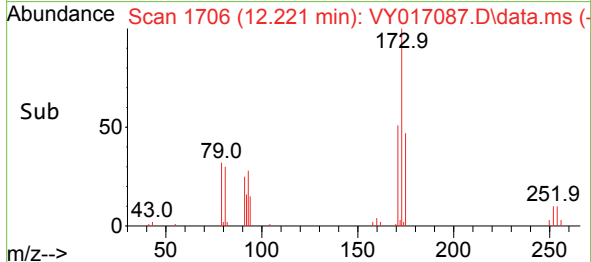
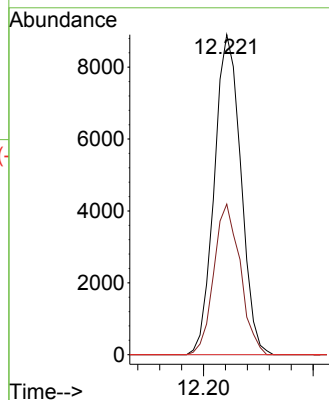
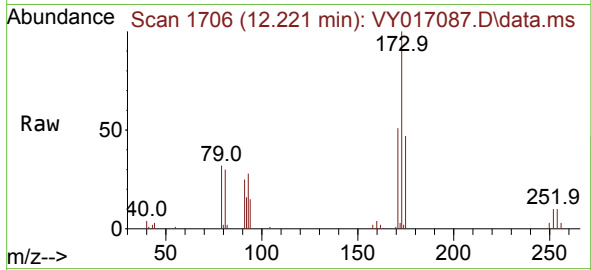
Tgt Ion:173 Resp: 14985

Ion Ratio Lower Upper

173 100

175 46.8 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017087.D

Acq: 24 Jan 2024 11:26

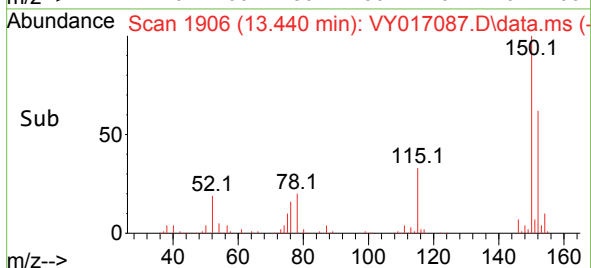
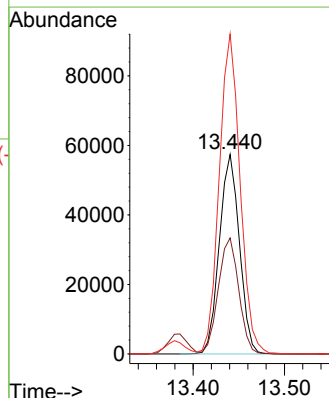
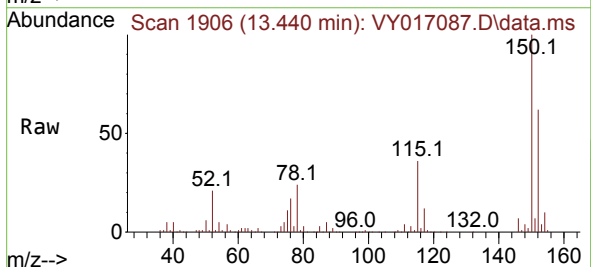
Tgt Ion:152 Resp: 87717

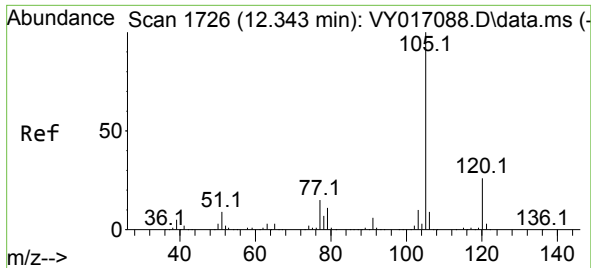
Ion Ratio Lower Upper

152 100

115 59.4 30.0 90.0

150 166.4 0.0 344.6

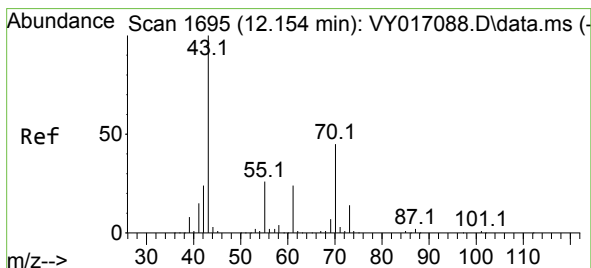
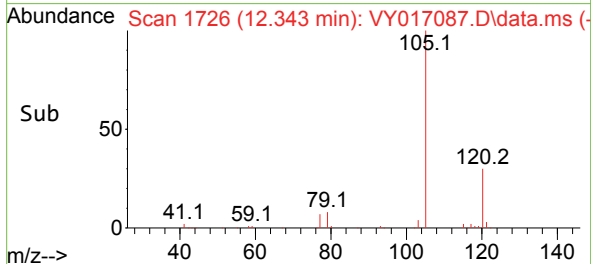
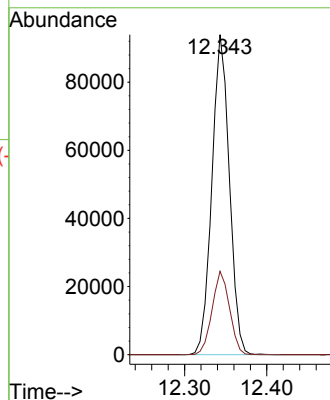
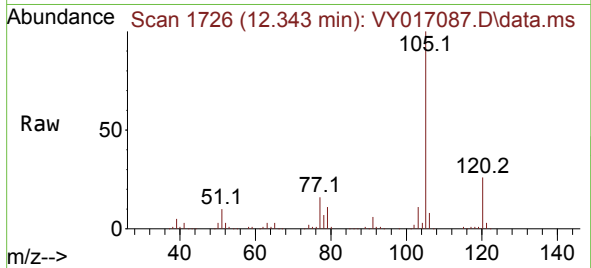




#73
Isopropylbenzene
Concen: 19.227 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

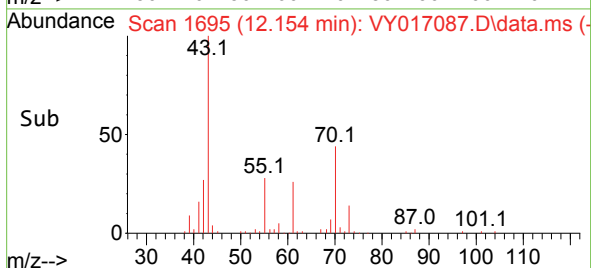
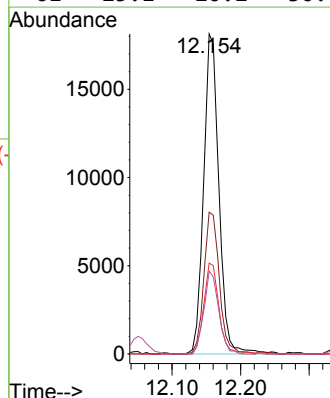
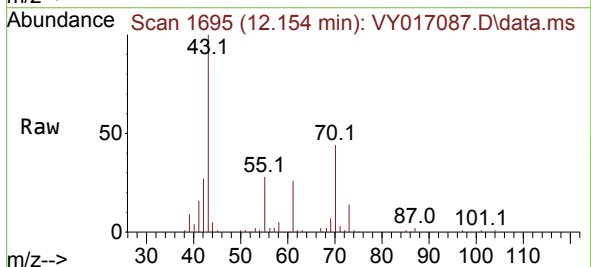
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

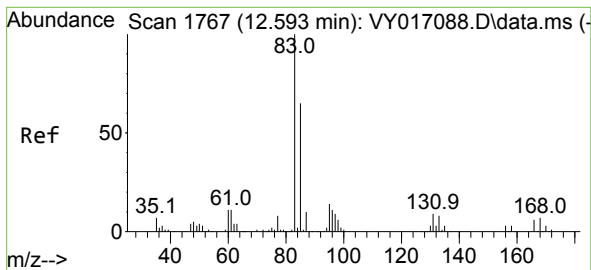
Tgt Ion:105 Resp: 138644
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0



#74
N-ethyl acetate
Concen: 19.410 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

Tgt Ion: 43 Resp: 28212
Ion Ratio Lower Upper
43 100
70 44.8 36.6 55.0
55 28.4 22.2 33.4
61 25.1 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.562 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.000 min

Lab File: VY017087.D

Acq: 24 Jan 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

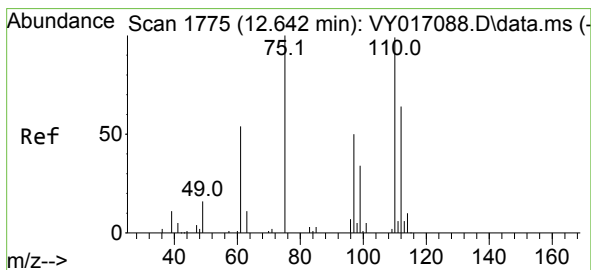
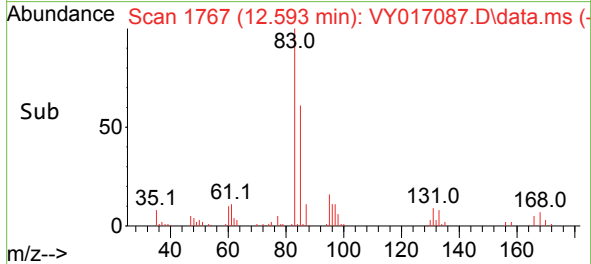
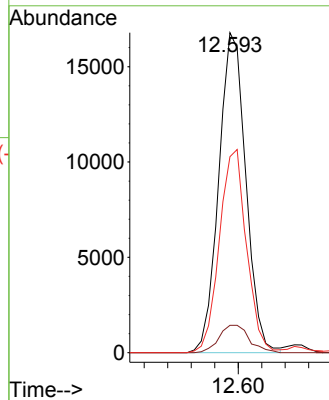
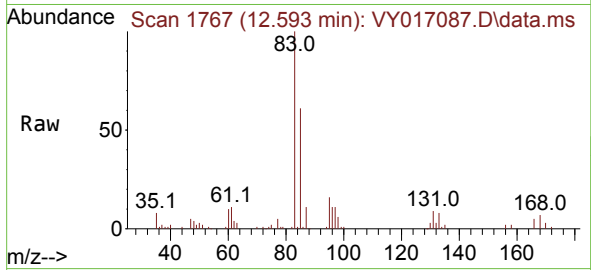
Tgt Ion: 83 Resp: 26899

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.6

85 63.5 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 19.721 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY017087.D

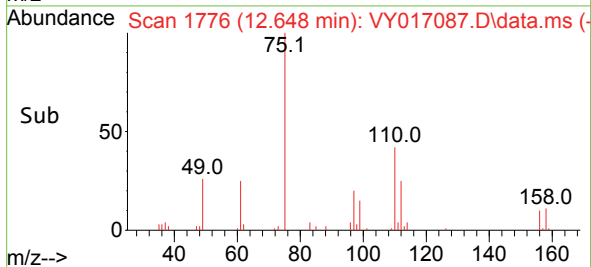
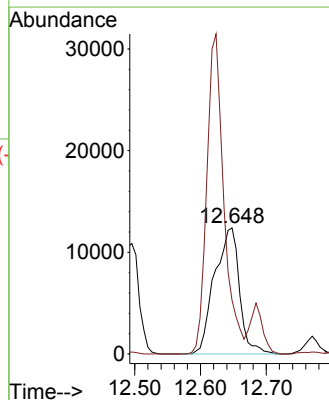
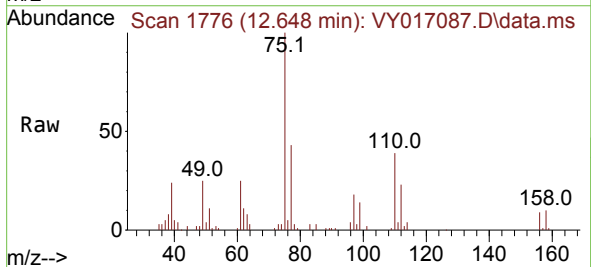
Acq: 24 Jan 2024 11:26

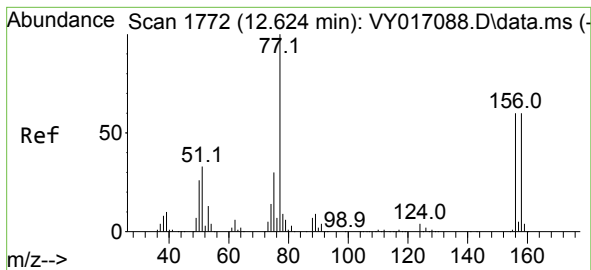
Tgt Ion: 75 Resp: 32701

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.175 ug/l

RT: 12.624 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY017087.D

Acq: 24 Jan 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

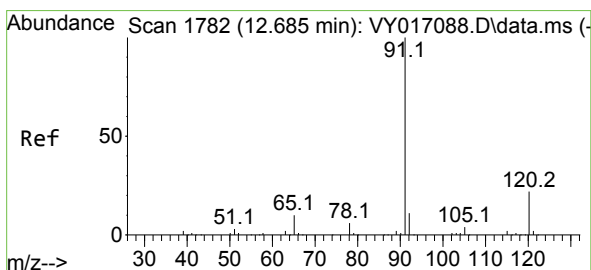
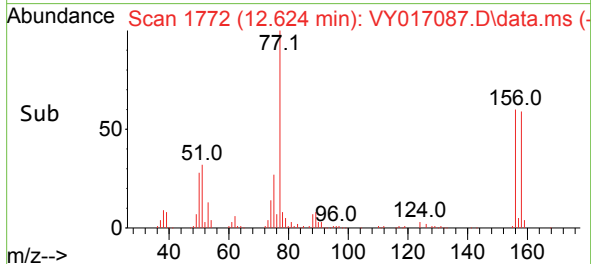
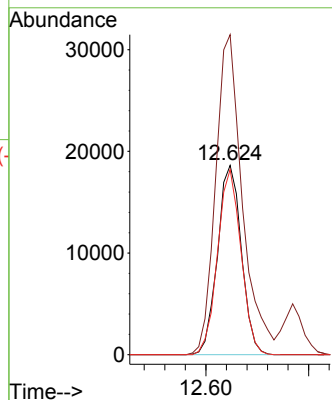
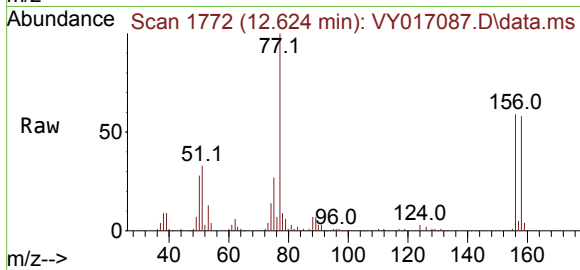
Tgt Ion:156 Resp: 29919

Ion Ratio Lower Upper

156 100

77 190.0 97.3 291.8

158 96.3 48.4 145.0



#78

n-propylbenzene

Concen: 19.397 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY017087.D

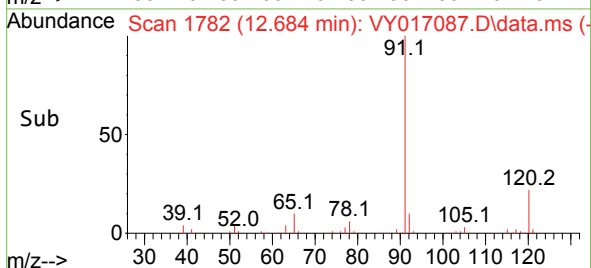
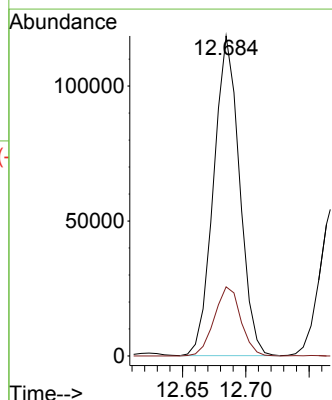
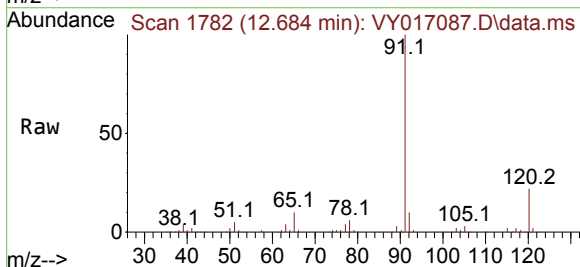
Acq: 24 Jan 2024 11:26

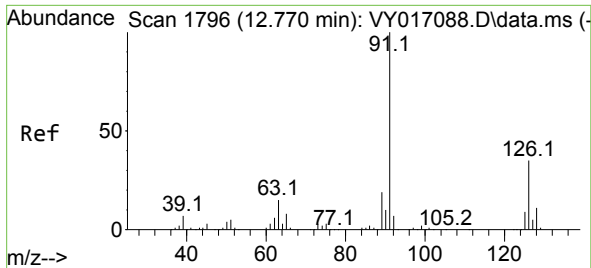
Tgt Ion: 91 Resp: 168235

Ion Ratio Lower Upper

91 100

120 22.1 11.0 33.0

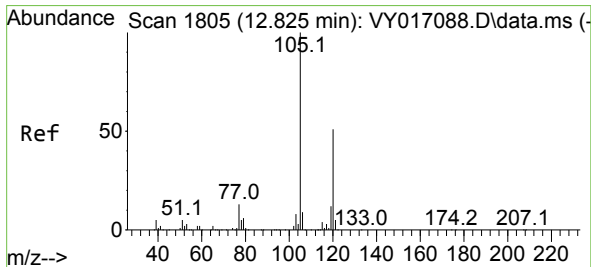
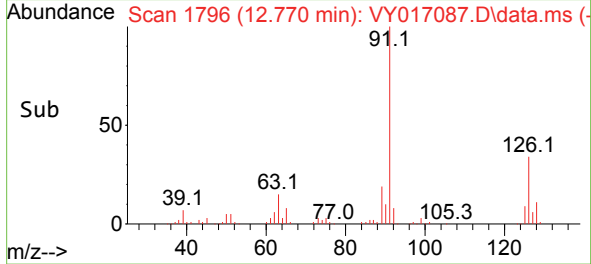
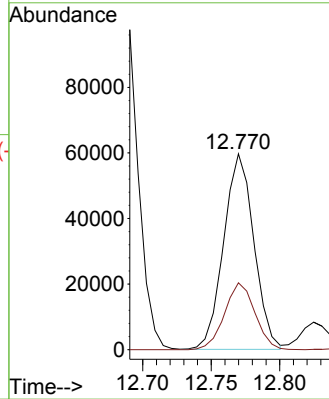
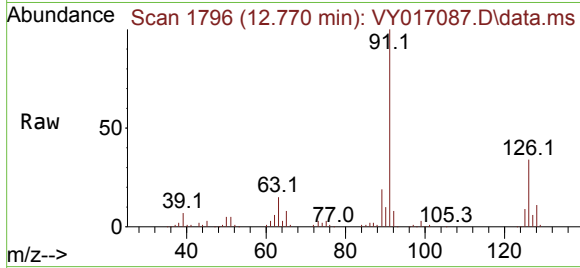




#79
2-Chlorotoluene
Concen: 19.253 ug/l
RT: 12.770 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

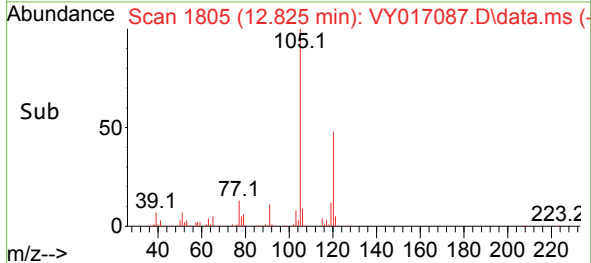
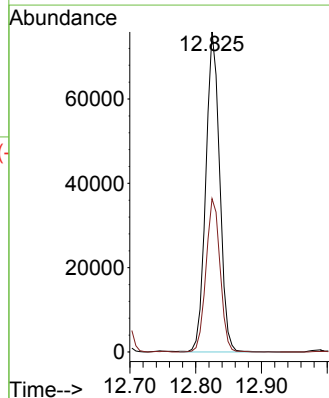
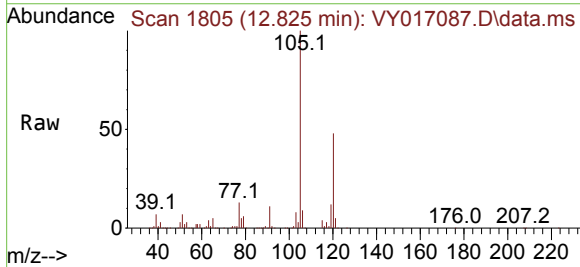
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

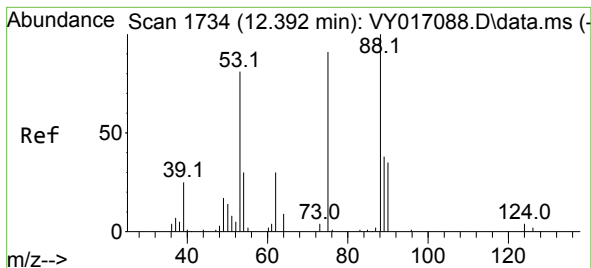
Tgt Ion: 91 Resp: 91636
Ion Ratio Lower Upper
91 100
126 34.3 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 19.521 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.007 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

Tgt Ion: 105 Resp: 111409
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8

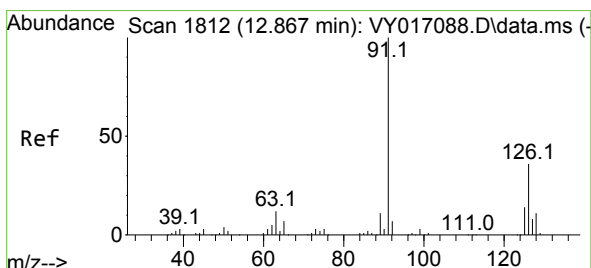
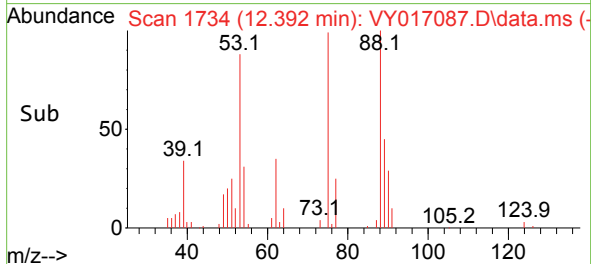
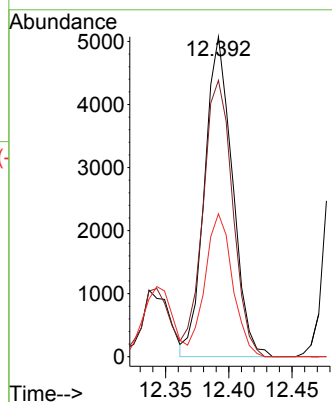
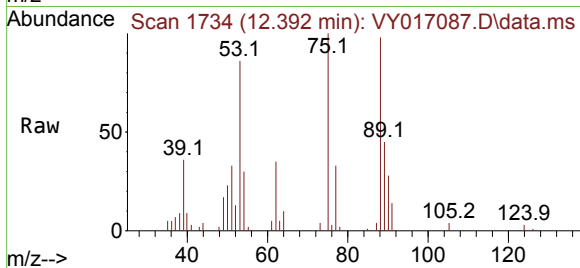




#81
trans-1,4-Dichloro-2-butene
Concen: 18.869 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.007 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

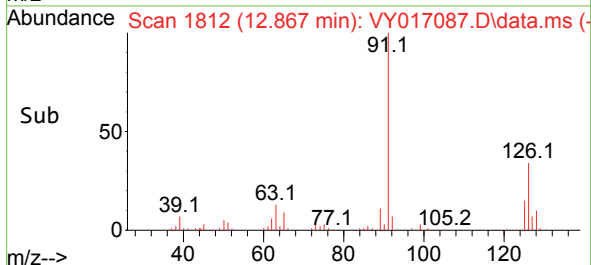
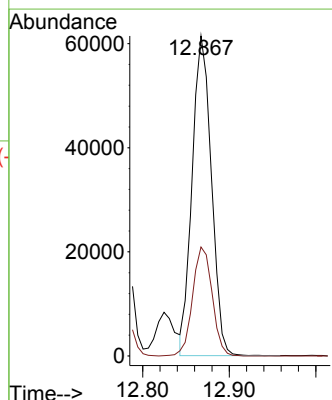
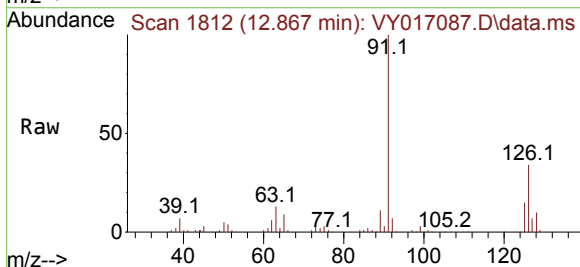
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

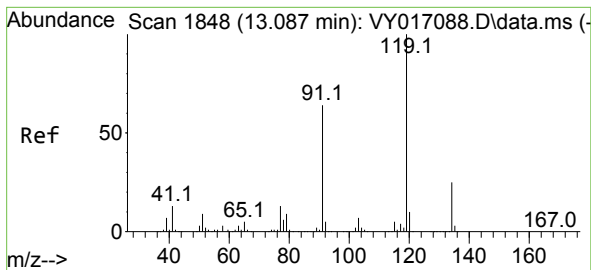
Tgt Ion:	75	Resp:	7760
Ion	Ratio	Lower	Upper
75	100		
53	92.2	74.0	111.0
89	44.0	36.5	54.7



#82
4-Chlorotoluene
Concen: 19.165 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

Tgt Ion:	91	Resp:	94535
Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.1	51.2





#83

tert-Butylbenzene

Concen: 18.685 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. -0.000 min

Lab File: VY017087.D

Acq: 24 Jan 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

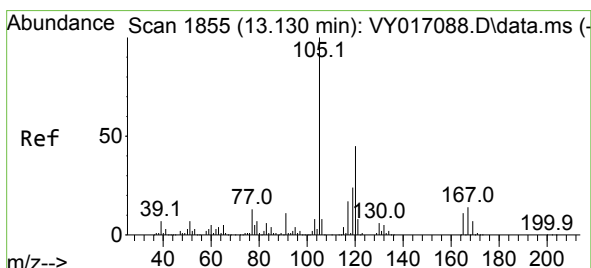
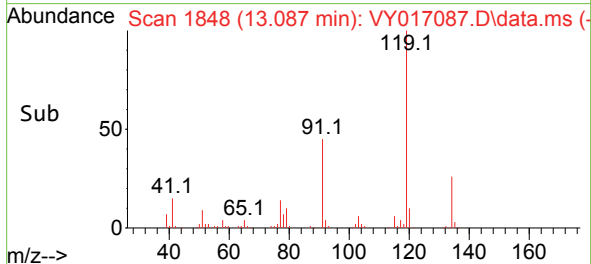
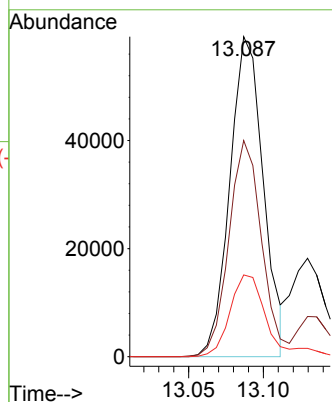
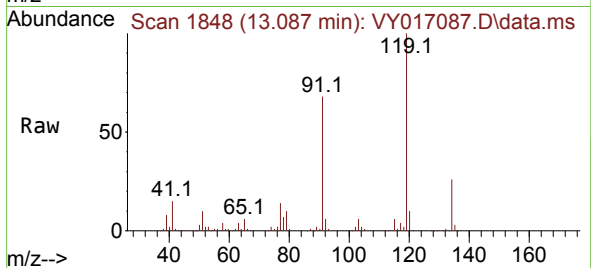
Tgt Ion:119 Resp: 92235

Ion Ratio Lower Upper

119 100

91 66.3 31.5 94.5

134 28.1 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 19.149 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.007 min

Lab File: VY017087.D

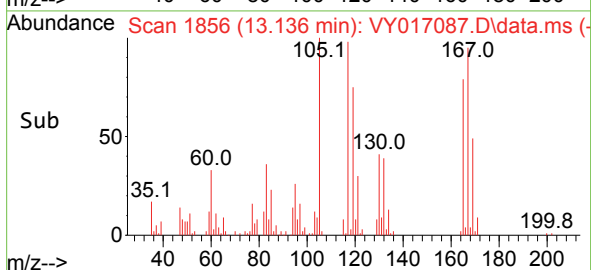
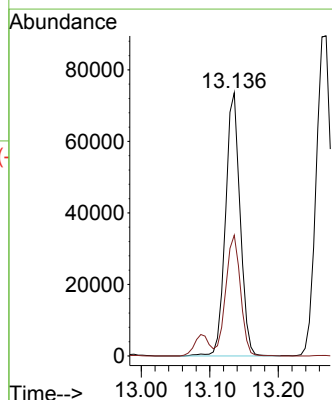
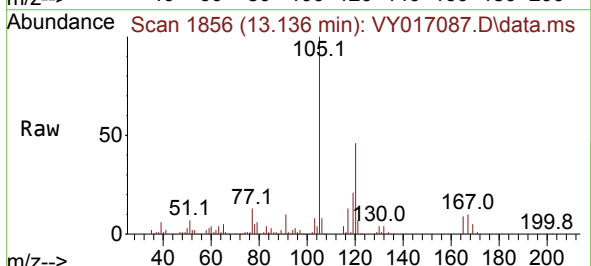
Acq: 24 Jan 2024 11:26

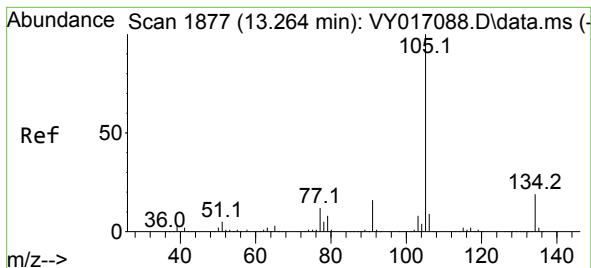
Tgt Ion:105 Resp: 108617

Ion Ratio Lower Upper

105 100

120 46.2 22.1 66.3





#85

sec-Butylbenzene

Concen: 19.084 ug/l

RT: 13.270 min Scan# 1878

Delta R.T. 0.007 min

Lab File: VY017087.D

Acq: 24 Jan 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

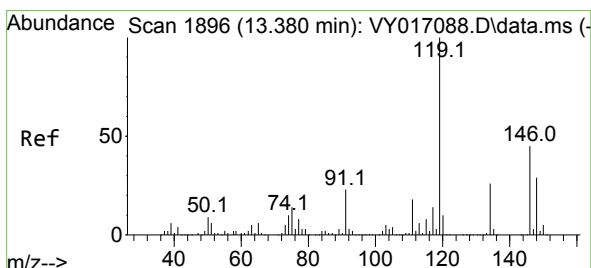
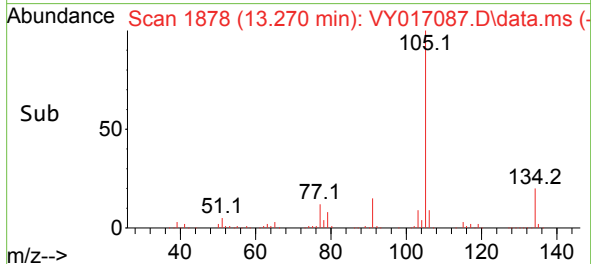
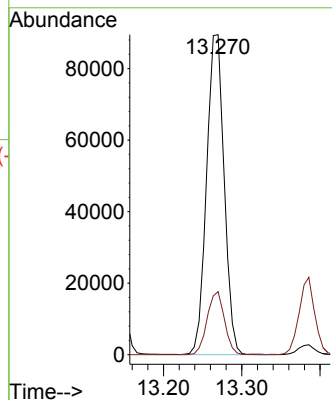
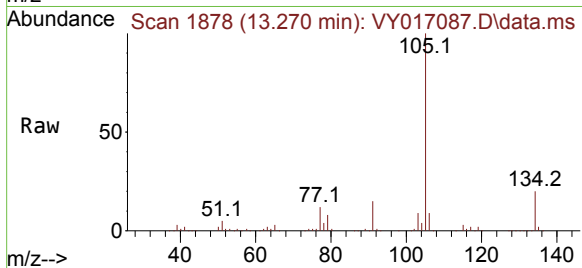
VSTDIC020

Tgt Ion:105 Resp: 139494

Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



#86

p-Isopropyltoluene

Concen: 18.892 ug/l

RT: 13.386 min Scan# 1897

Delta R.T. 0.007 min

Lab File: VY017087.D

Acq: 24 Jan 2024 11:26

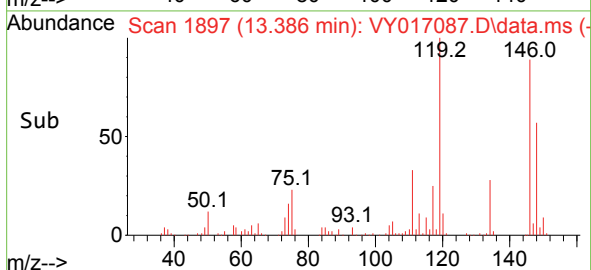
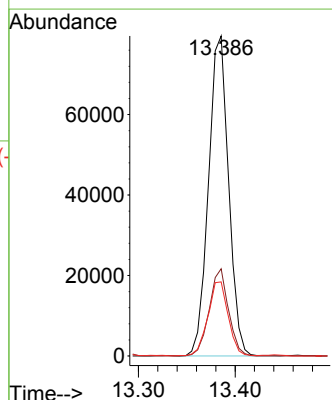
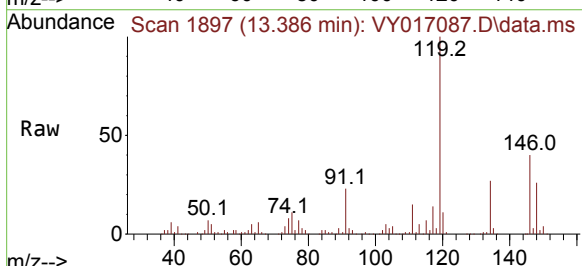
Tgt Ion:119 Resp: 115028

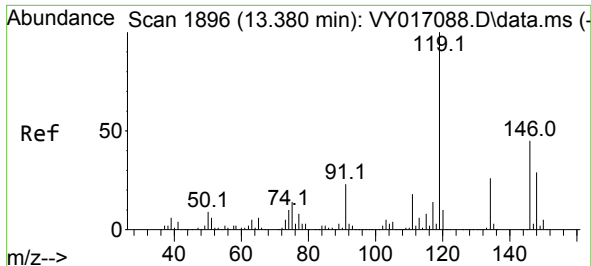
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.1

91 23.3 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 19.044 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY017087.D

Acq: 24 Jan 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

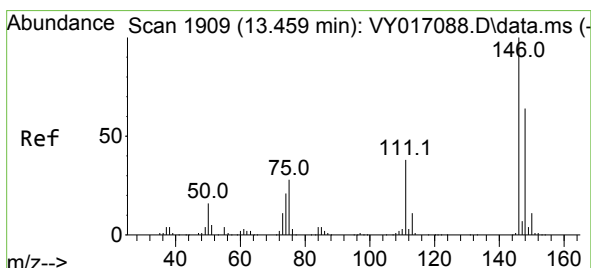
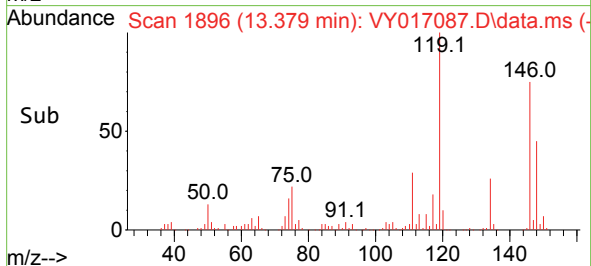
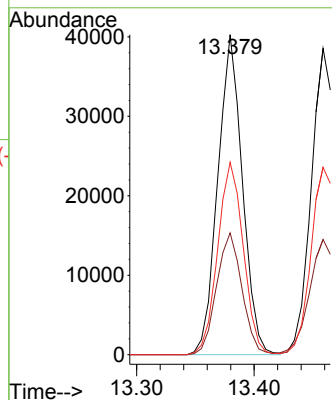
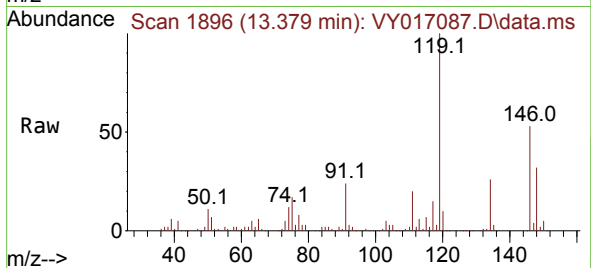
Tgt Ion:146 Resp: 58666

Ion Ratio Lower Upper

146 100

111 39.2 20.2 60.5

148 62.6 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 19.206 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.007 min

Lab File: VY017087.D

Acq: 24 Jan 2024 11:26

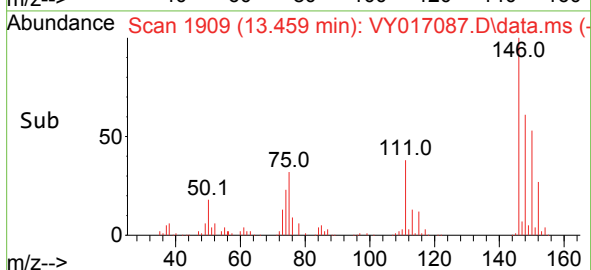
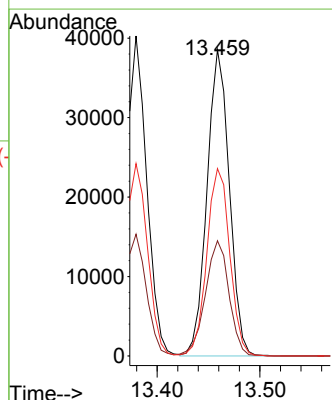
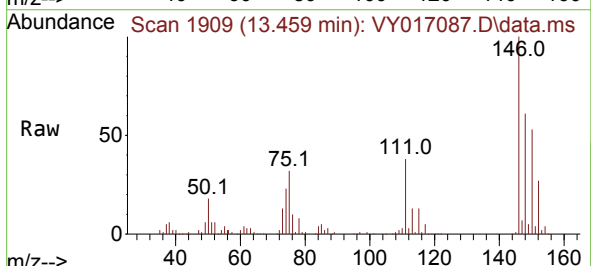
Tgt Ion:146 Resp: 58212

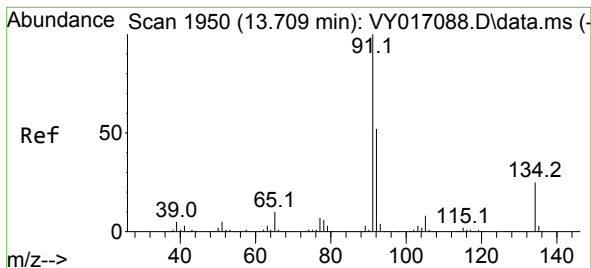
Ion Ratio Lower Upper

146 100

111 40.0 19.3 57.9

148 63.1 31.6 94.7

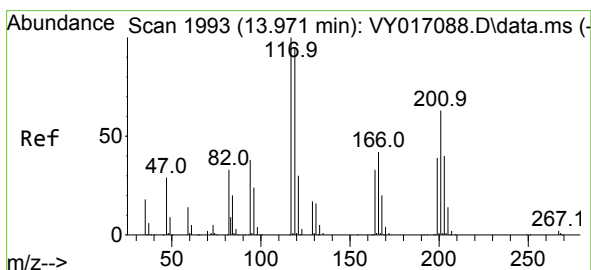
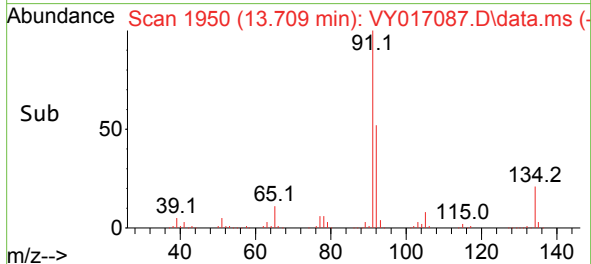
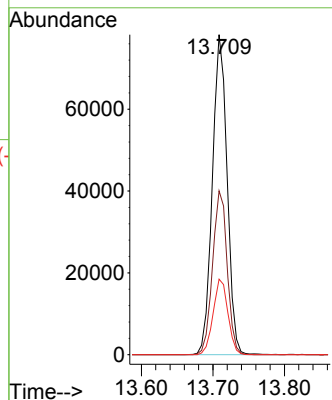
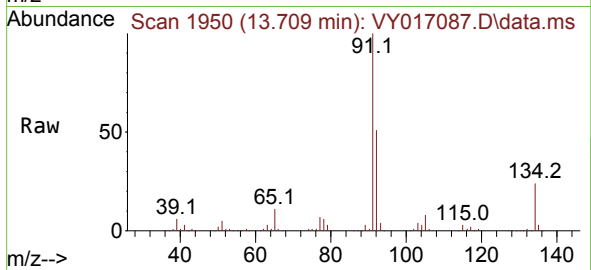




#89
n-Butylbenzene
Concen: 19.052 ug/l
RT: 13.709 min Scan# 1950
Delta R.T. 0.007 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

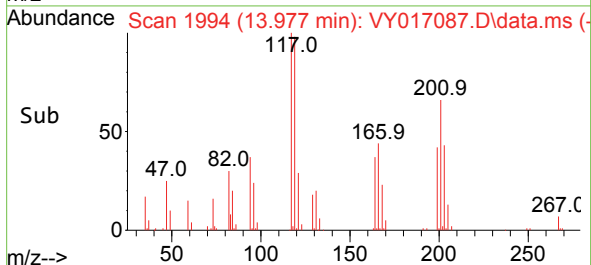
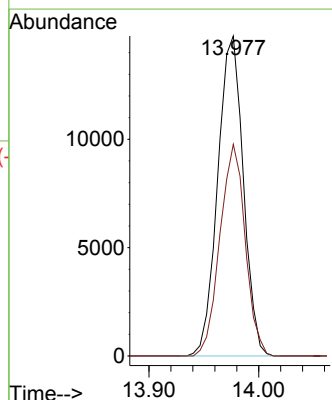
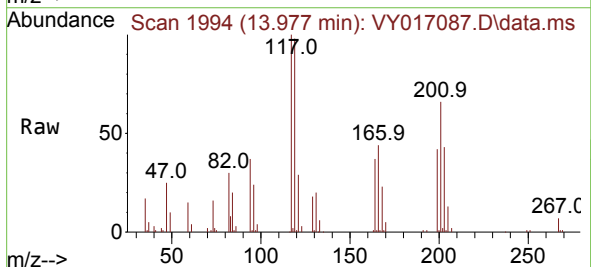
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

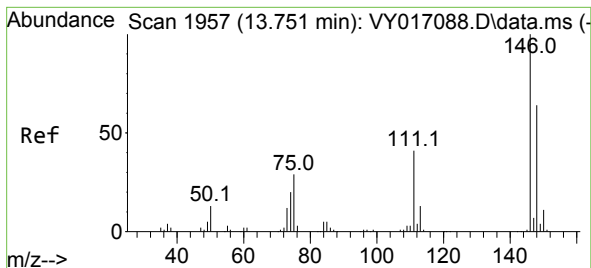
Tgt Ion:	91	Resp:	111891
Ion	Ratio	Lower	Upper
91	100		
92	50.8	26.4	79.2
134	23.7	12.3	36.8



#90
Hexachloroethane
Concen: 18.866 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

Tgt Ion:	117	Resp:	23942
Ion	Ratio	Lower	Upper
117	100		
201	65.4	33.4	100.1

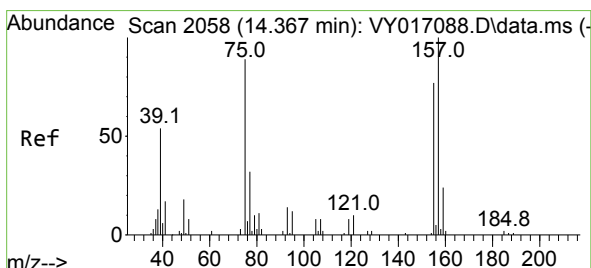
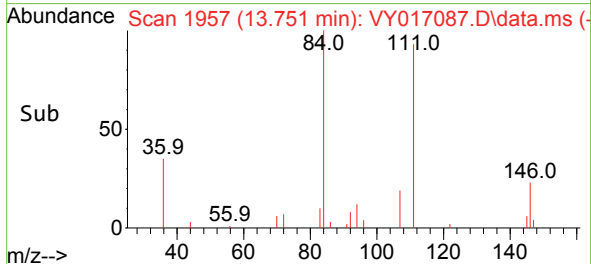
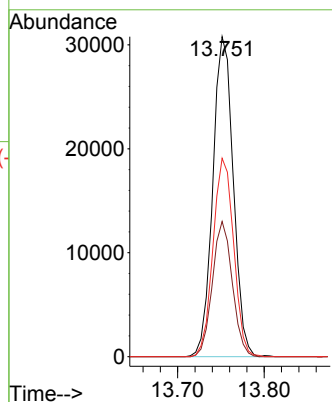
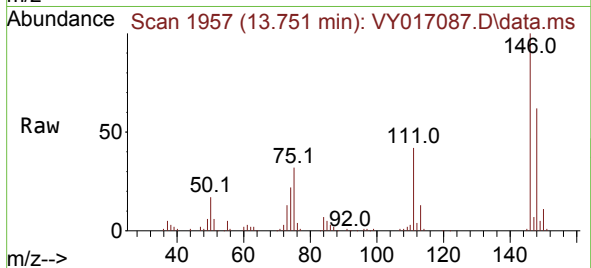




#91
1,2-Dichlorobenzene
Concen: 19.205 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

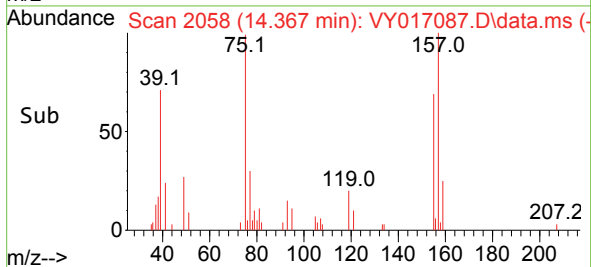
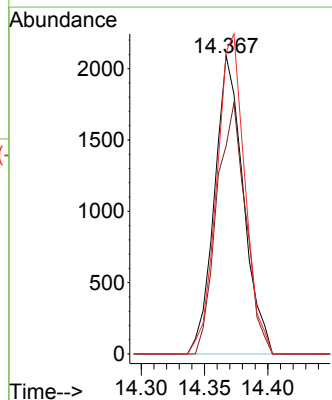
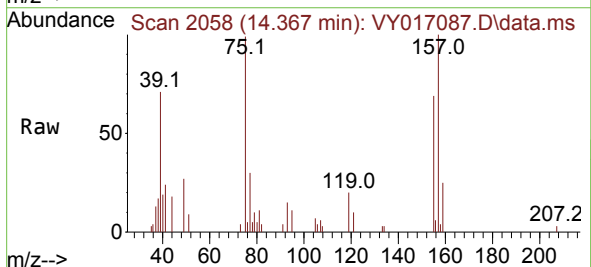
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

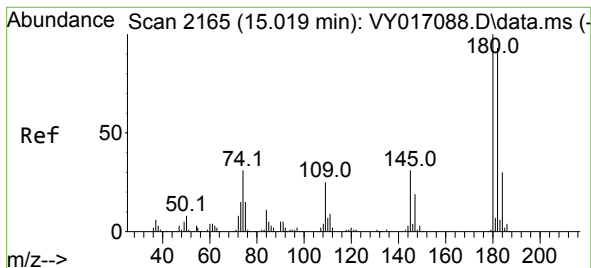
Tgt Ion:146 Resp: 50524
Ion Ratio Lower Upper
146 100
111 41.1 20.5 61.6
148 62.4 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.882 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

Tgt Ion: 75 Resp: 3316
Ion Ratio Lower Upper
75 100
155 84.1 42.1 126.3
157 104.5 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 17.840 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY017087.D

Acq: 24 Jan 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

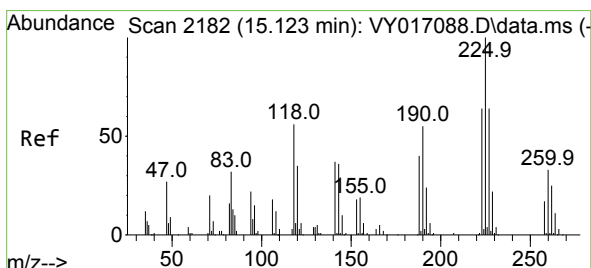
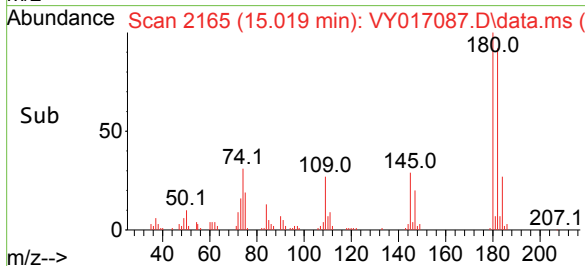
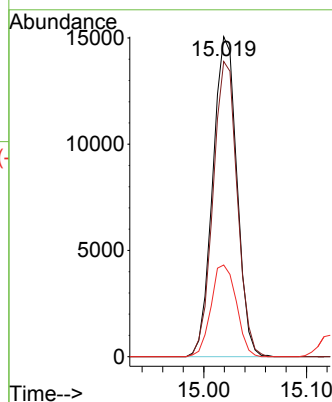
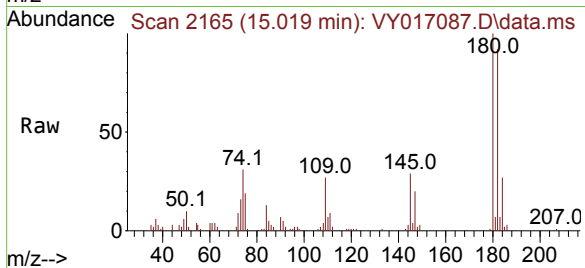
Tgt Ion:180 Resp: 24526

Ion Ratio Lower Upper

180 100

182 92.6 47.9 143.7

145 30.1 15.9 47.7



#94

Hexachlorobutadiene

Concen: 18.176 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY017087.D

Acq: 24 Jan 2024 11:26

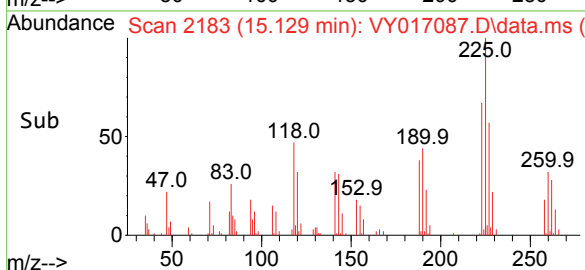
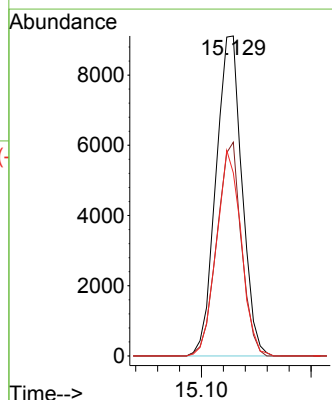
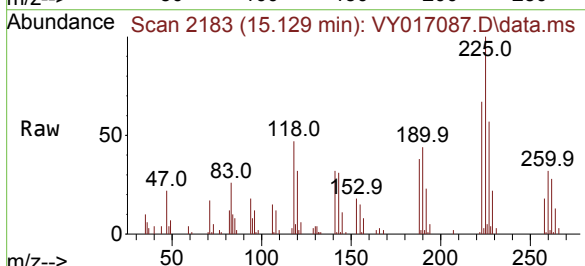
Tgt Ion:225 Resp: 15039

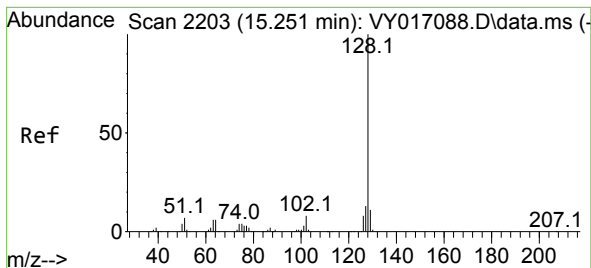
Ion Ratio Lower Upper

225 100

223 62.8 31.4 94.3

227 61.1 32.3 96.8

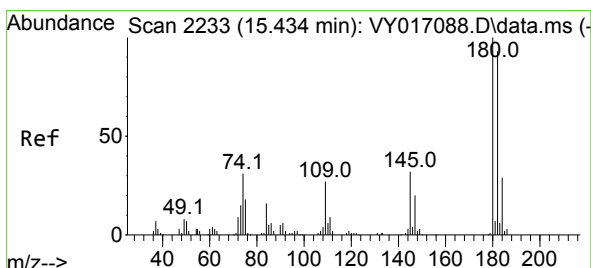
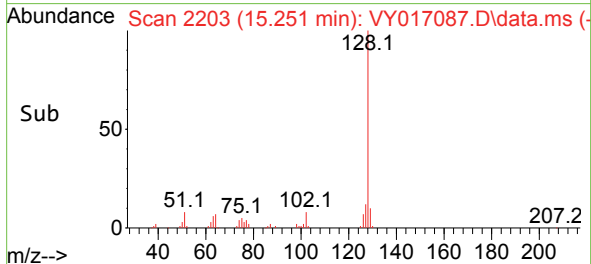
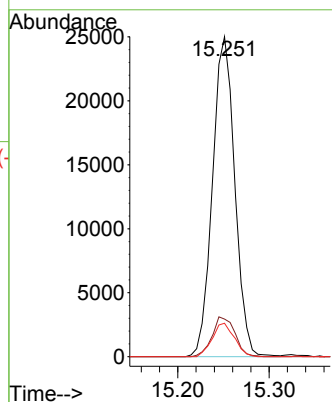
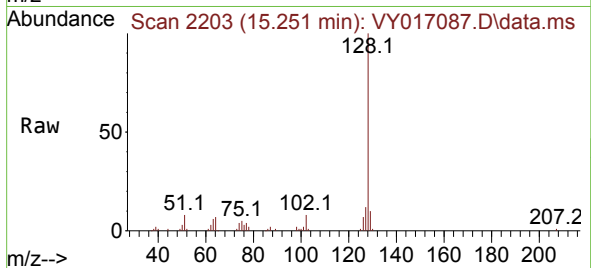




#95
Naphthalene
Concen: 17.440 ug/l
RT: 15.251 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 42346
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.4 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 17.398 ug/l
RT: 15.440 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY017087.D
Acq: 24 Jan 2024 11:26

Tgt Ion:180 Resp: 19899
Ion Ratio Lower Upper
180 100
182 94.5 46.3 138.8
145 32.5 16.1 48.2

