

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017200.D
 Acq On : 02 Feb 2024 22:59
 Operator : SY/MD
 Sample : VY0202SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0202SBS02

Quant Time: Feb 02 23:40:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	123635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	215956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	187109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	81335	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	57190	51.780	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.560%	
35) Dibromofluoromethane	7.734	113	58371	50.060	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.120%	
50) Toluene-d8	10.191	98	213867	50.376	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.760%	
62) 4-Bromofluorobenzene	12.495	95	67358	48.434	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.860%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	21426	22.860	ug/l	94
3) Chloromethane	2.119	50	37072	22.018	ug/l	99
4) Vinyl Chloride	2.260	62	42881	20.899	ug/l	99
5) Bromomethane	2.656	94	31986	22.489	ug/l	97
6) Chloroethane	2.796	64	28763	21.711	ug/l	98
7) Trichlorofluoromethane	3.131	101	42793	20.282	ug/l	99
8) Diethyl Ether	3.540	74	14864	22.397	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.912	101	26685	20.864	ug/l	99
10) Methyl Iodide	4.107	142	28008	20.830	ug/l	99
11) Tert butyl alcohol	4.979	59	10866	107.485	ug/l	99
12) 1,1-Dichloroethene	3.881	96	24612	20.537	ug/l	97
13) Acrolein	3.741	56	9632	98.134	ug/l	97
14) Allyl chloride	4.497	41	38820	21.427	ug/l	99
15) Acrylonitrile	5.180	53	32543	108.910	ug/l	99
16) Acetone	3.960	43	29663	91.377	ug/l	98
17) Carbon Disulfide	4.210	76	80953	21.161	ug/l	97
18) Methyl Acetate	4.497	43	14525	20.057	ug/l	98
19) Methyl tert-butyl Ether	5.241	73	62326	21.594	ug/l	97
20) Methylene Chloride	4.735	84	33324	23.186	ug/l	97
21) trans-1,2-Dichloroethene	5.235	96	29279	21.476	ug/l	95
22) Diisopropyl ether	6.137	45	89957	22.610	ug/l	98
23) Vinyl Acetate	6.076	43	261441	108.449	ug/l	100
24) 1,1-Dichloroethane	6.033	63	52234	21.431	ug/l	98
25) 2-Butanone	7.003	43	42715	98.982	ug/l	100
26) 2,2-Dichloropropane	6.996	77	38778	19.128	ug/l	99
27) cis-1,2-Dichloroethene	7.003	96	33575	22.019	ug/l	98
28) Bromochloromethane	7.344	49	17936	19.219	ug/l	100
29) Tetrahydrofuran	7.368	42	27199	111.573	ug/l	97
30) Chloroform	7.521	83	53776	21.933	ug/l	98
31) Cyclohexane	7.801	56	44498	19.988	ug/l	99
32) 1,1,1-Trichloroethane	7.716	97	44056	20.890	ug/l	98
36) 1,1-Dichloropropene	7.935	75	40388	20.080	ug/l	99
37) Ethyl Acetate	7.094	43	18916	20.277	ug/l	96
38) Carbon Tetrachloride	7.917	117	38307	19.892	ug/l	96
39) Methylcyclohexane	9.197	83	44386	18.890	ug/l	98
40) Benzene	8.173	78	122497	21.327	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	8131	18.396	ug/l #	83
42) 1,2-Dichloroethane	8.252	62	32113	21.117	ug/l	100
43) Isopropyl Acetate	8.289	43	34651	20.983	ug/l	100
44) Trichloroethene	8.953	130	30659	21.028	ug/l	93
45) 1,2-Dichloropropane	9.228	63	29939	21.221	ug/l	94
46) Dibromomethane	9.325	93	16460	21.598	ug/l	96
47) Bromodichloromethane	9.508	83	40802	21.393	ug/l	97
48) Methyl methacrylate	9.307	41	15052	19.432	ug/l	94
49) 1,4-Dioxane	9.313	88	3350	403.859	ug/l	98
51) 4-Methyl-2-Pentanone	10.081	43	92373	104.351	ug/l	99
52) Toluene	10.258	92	74037	21.355	ug/l	99
53) t-1,3-Dichloropropene	10.478	75	36880	20.586	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	44387	20.686	ug/l	96
55) 1,1,2-Trichloroethane	10.660	97	22035	21.251	ug/l	96
56) Ethyl methacrylate	10.526	69	26148	20.622	ug/l	97
57) 1,3-Dichloropropane	10.801	76	37815	21.204	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.795	63	61312	94.917	ug/l	99
59) 2-Hexanone	10.843	43	63579	99.326	ug/l	99
60) Dibromochloromethane	10.996	129	26524	21.805	ug/l	95
61) 1,2-Dibromoethane	11.105	107	20537	21.297	ug/l	99
64) Tetrachloroethene	10.734	164	25765	21.203	ug/l	92
65) Chlorobenzene	11.532	112	76205	21.113	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.605	131	27346	20.847	ug/l	98
67) Ethyl Benzene	11.605	91	133828	20.515	ug/l	99
68) m/p-Xylenes	11.715	106	103154	41.668	ug/l	99
69) o-Xylene	12.044	106	48039	21.072	ug/l	98
70) Styrene	12.057	104	78501	20.899	ug/l	98
71) Bromoform	12.221	173	14500	21.108	ug/l #	99
73) Isopropylbenzene	12.343	105	123877	20.732	ug/l	100
74) N-amyl acetate	12.154	43	28356	21.120	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.593	83	24938	21.220	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	29901	39.830	ug/l #	100
77) Bromobenzene	12.624	156	27967	21.101	ug/l	99
78) n-propylbenzene	12.684	91	154004	20.986	ug/l	99
79) 2-Chlorotoluene	12.770	91	86818	21.519	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	99490	20.936	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	7113	19.688	ug/l	95
82) 4-Chlorotoluene	12.867	91	88934	21.418	ug/l	100
83) tert-Butylbenzene	13.087	119	85203	20.917	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	97954	20.883	ug/l	98
85) sec-Butylbenzene	13.264	105	130506	20.499	ug/l	100
86) p-Isopropyltoluene	13.379	119	104143	20.470	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	55230	20.889	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	54923	21.381	ug/l	99
89) n-Butylbenzene	13.709	91	97286	20.112	ug/l	99
90) Hexachloroethane	13.971	117	21574	20.656	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	47802	21.237	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3252	21.244	ug/l	98
93) 1,2,4-Trichlorobenzene	15.019	180	23461	20.984	ug/l	99
94) Hexachlorobutadiene	15.123	225	13412	20.368	ug/l	99
95) Naphthalene	15.251	128	42513	21.528	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	19843	20.868	ug/l	96

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ClientSampleId :
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QLast Update : Fri Feb 02 00:56:04 2024
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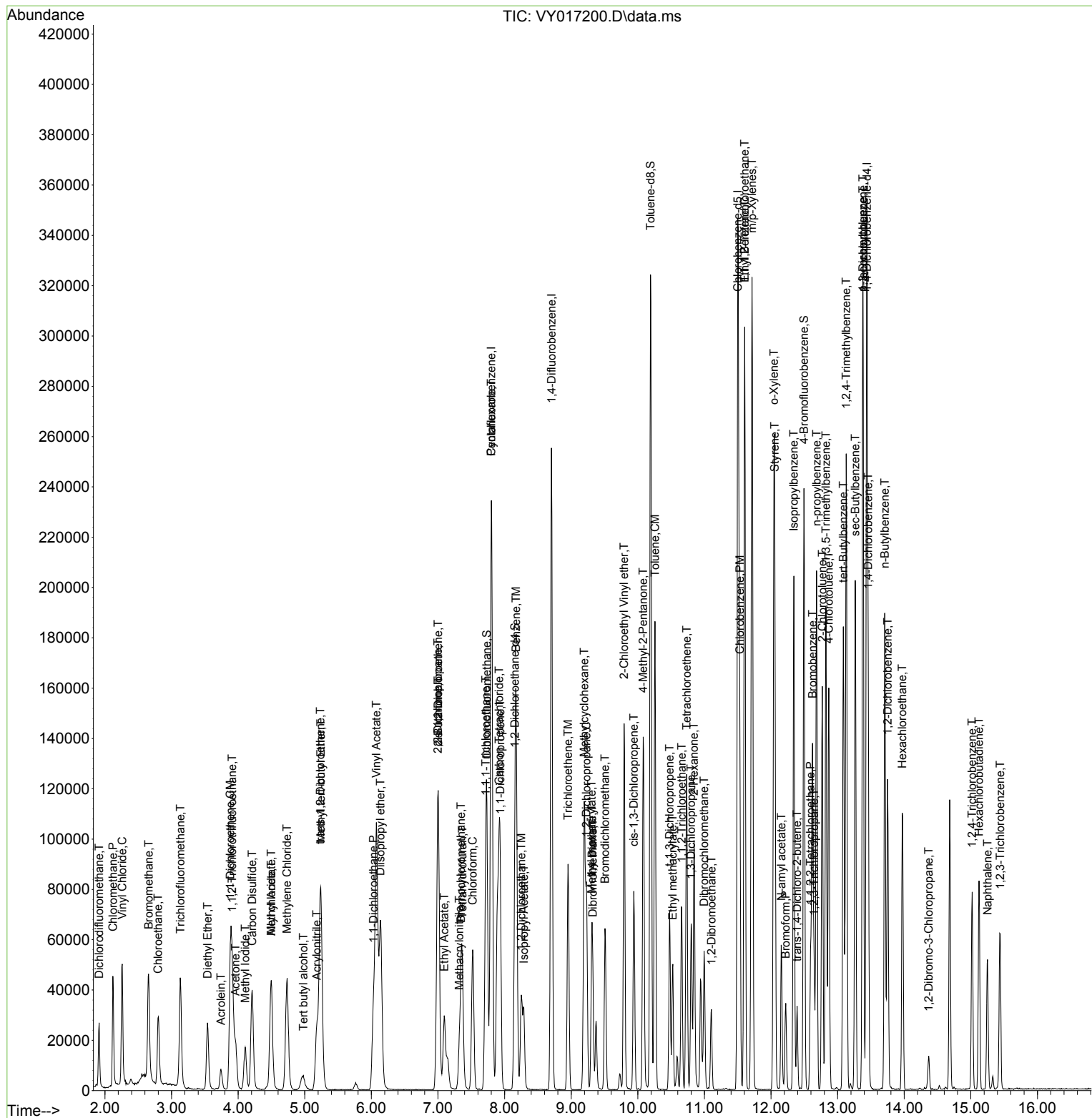
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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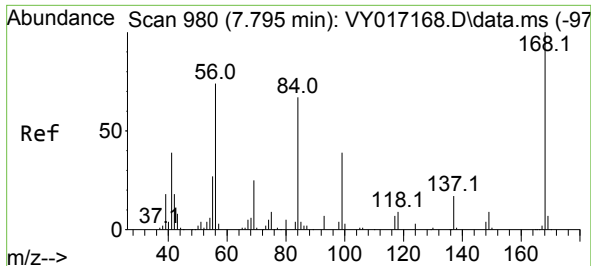
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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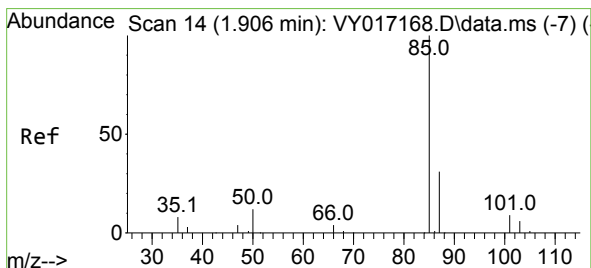
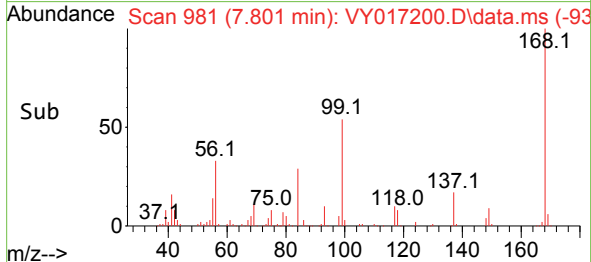
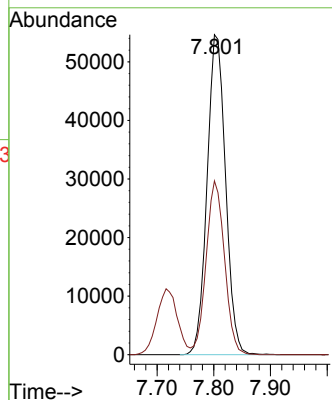
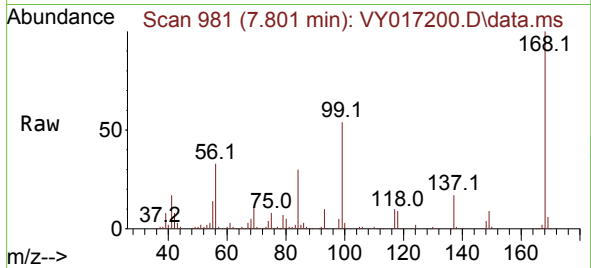




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017200.D
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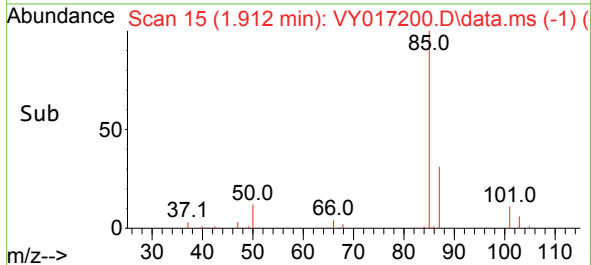
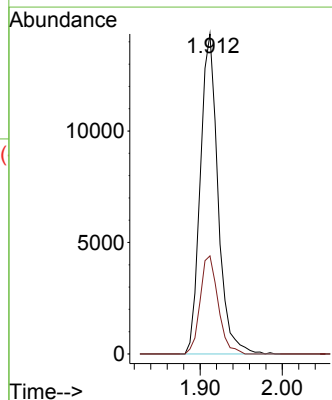
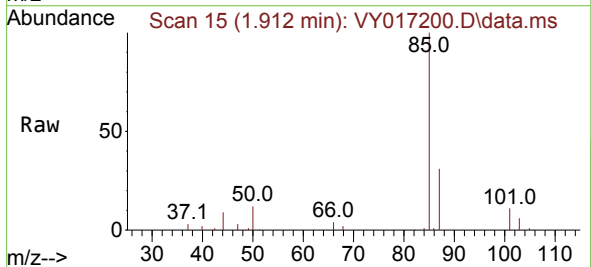
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBSD02

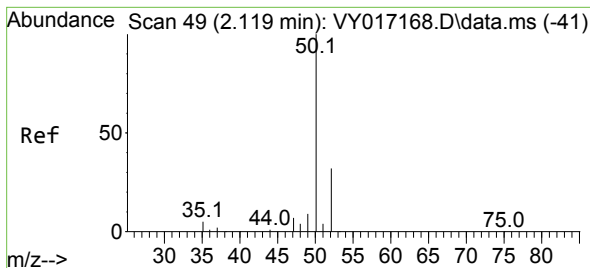
Tgt Ion:168 Resp: 123635
Ion Ratio Lower Upper
168 100
99 54.3 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 22.860 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.007 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

Tgt Ion: 85 Resp: 21426
Ion Ratio Lower Upper
85 100
87 30.7 17.1 51.3





#3

Chloromethane

Concen: 22.018 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

Instrument :

MSVOA_Y

ClientSampleId :

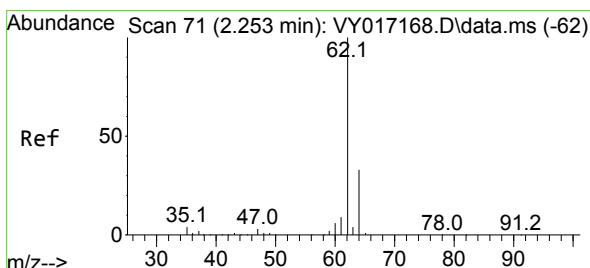
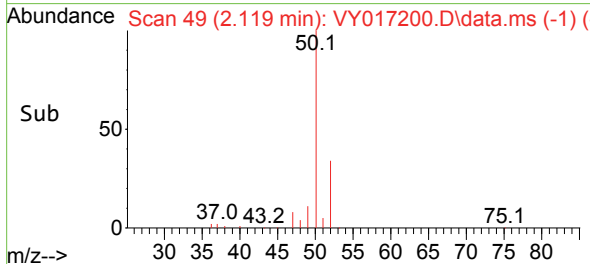
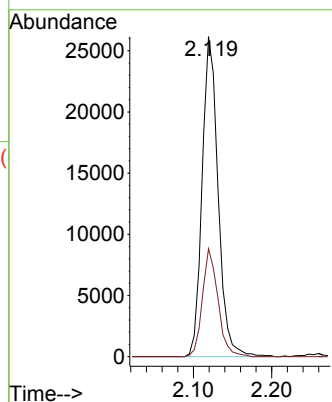
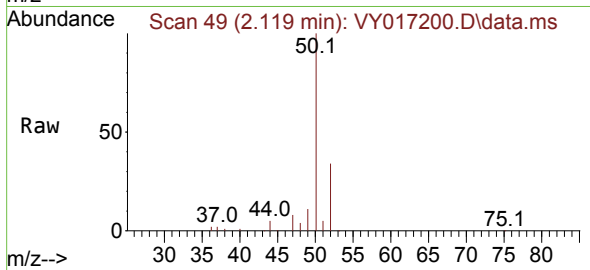
VY0202SBSD02

Tgt Ion: 50 Resp: 37072

Ion Ratio Lower Upper

50 100

52 33.7 26.7 40.1



#4

Vinyl Chloride

Concen: 20.899 ug/l

RT: 2.260 min Scan# 72

Delta R.T. 0.007 min

Lab File: VY017200.D

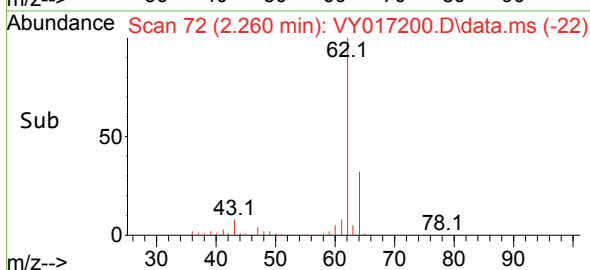
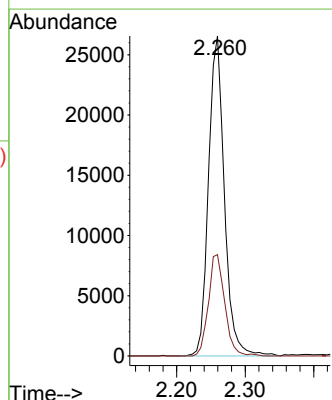
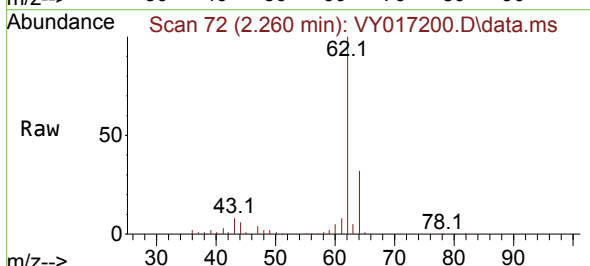
Acq: 02 Feb 2024 22:59

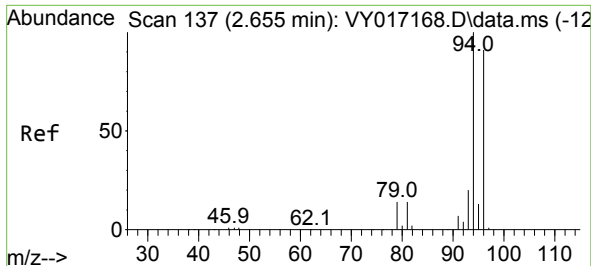
Tgt Ion: 62 Resp: 42881

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5

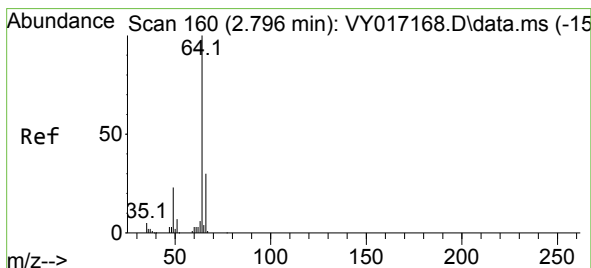
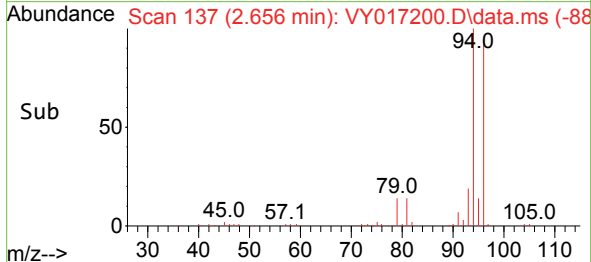
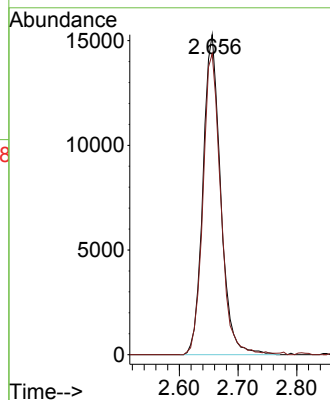
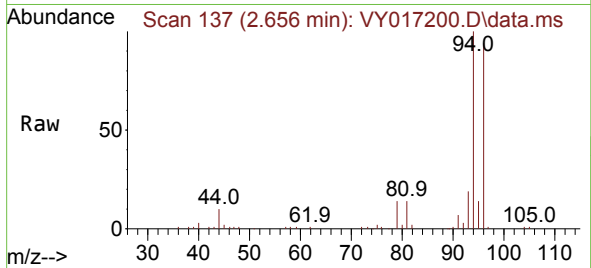




#5
Bromomethane
Concen: 22.489 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

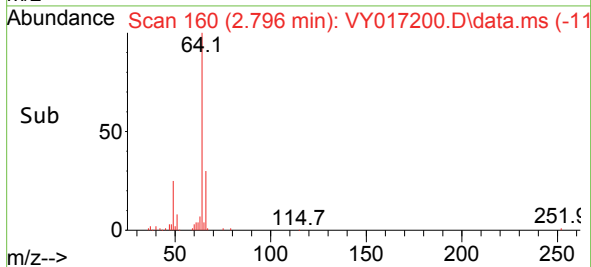
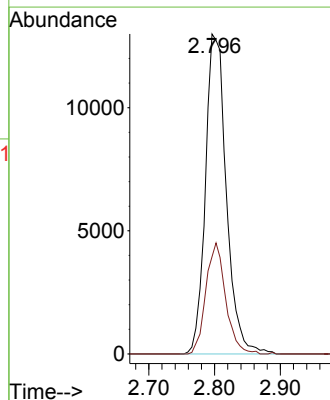
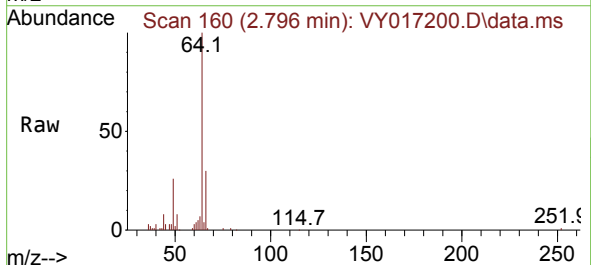
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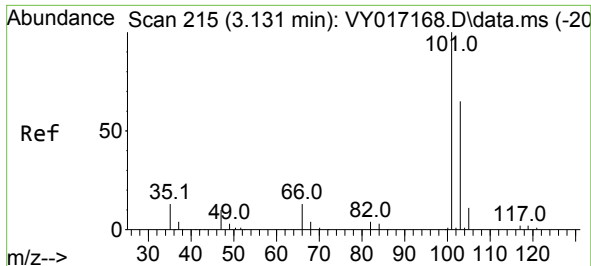
Tgt Ion: 94 Resp: 31986
Ion Ratio Lower Upper
94 100
96 94.0 77.3 115.9



#6
Chloroethane
Concen: 21.711 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

Tgt Ion: 64 Resp: 28763
Ion Ratio Lower Upper
64 100
66 30.4 25.1 37.7

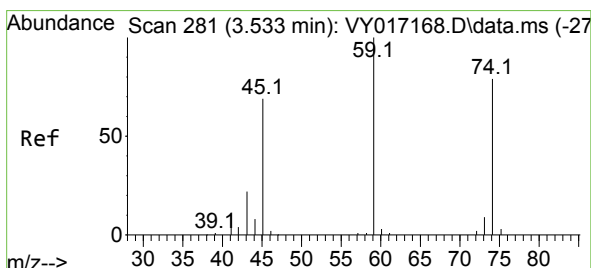
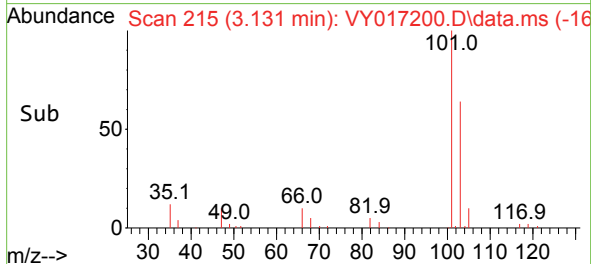
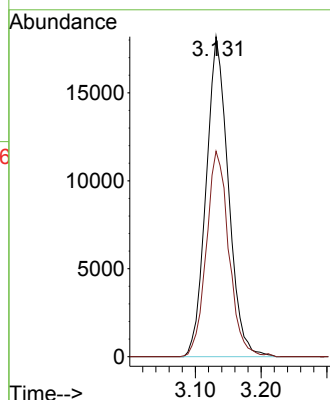
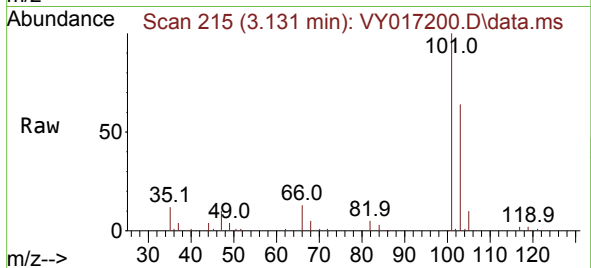




#7
 Trichlorofluoromethane
 Concen: 20.282 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY017200.D
 Acq: 02 Feb 2024 22:59

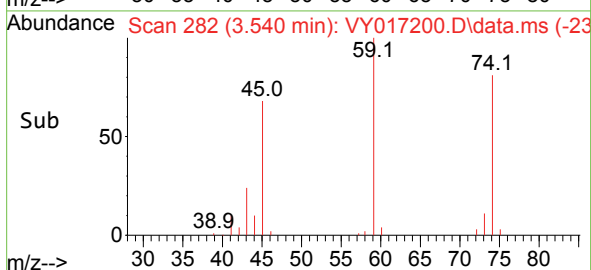
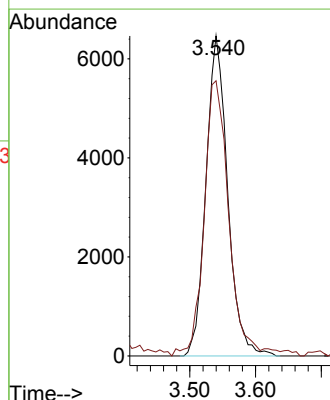
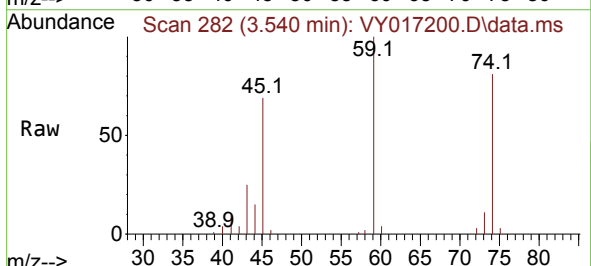
Instrument :
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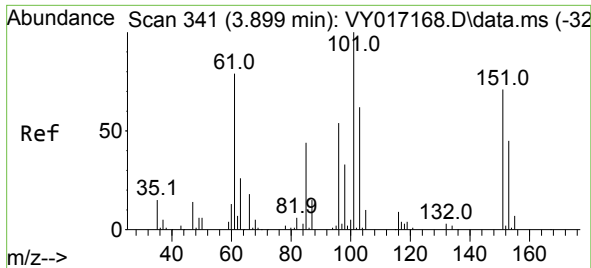
Tgt Ion:101 Resp: 42793
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.9 77.9



#8
 Diethyl Ether
 Concen: 22.397 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.007 min
 Lab File: VY017200.D
 Acq: 02 Feb 2024 22:59

Tgt Ion: 74 Resp: 14864
 Ion Ratio Lower Upper
 74 100
 45 97.5 47.9 143.7

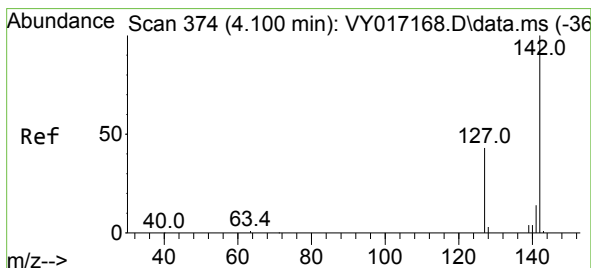
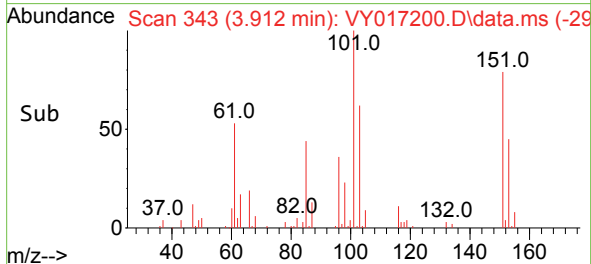
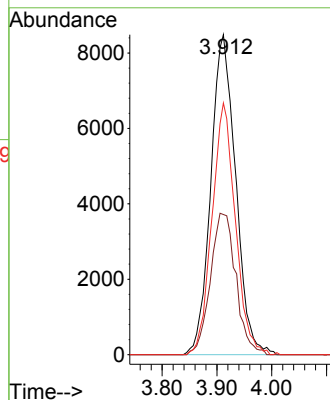
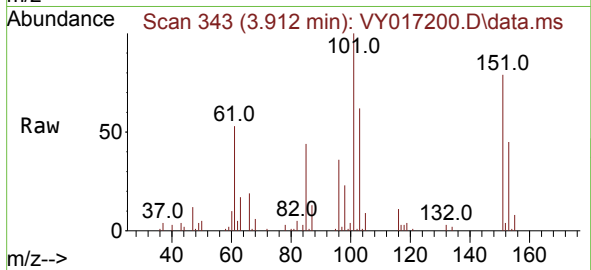




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.864 ug/l
 RT: 3.912 min Scan# 341
 Delta R.T. 0.013 min
 Lab File: VY017200.D
 Acq: 02 Feb 2024 22:59

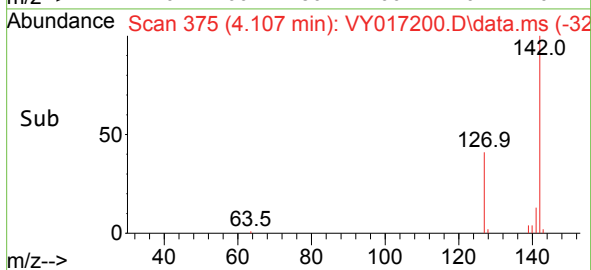
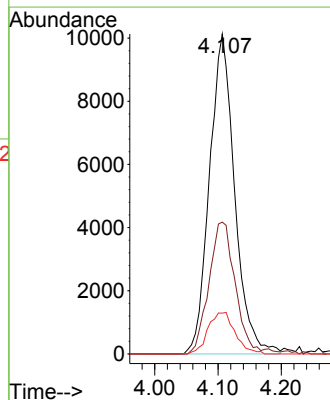
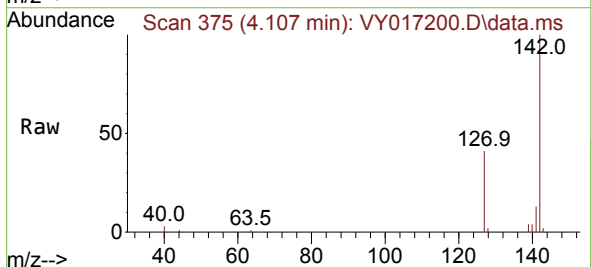
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0202SBSD02

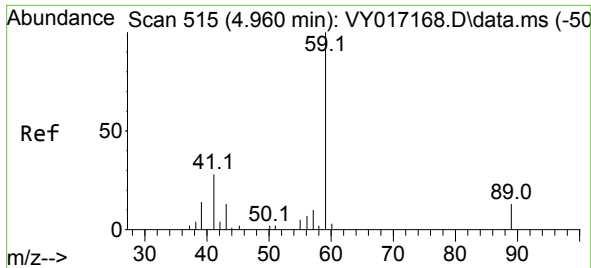
Tgt Ion:	101	Resp:	26685
Ion	Ratio	Lower	Upper
101	100		
85	45.4	35.8	53.6
151	74.0	58.6	88.0



#10
 Methyl Iodide
 Concen: 20.830 ug/l
 RT: 4.107 min Scan# 375
 Delta R.T. 0.007 min
 Lab File: VY017200.D
 Acq: 02 Feb 2024 22:59

Tgt Ion:	142	Resp:	28008
Ion	Ratio	Lower	Upper
142	100		
127	43.3	35.1	52.7
141	13.9	11.8	17.6

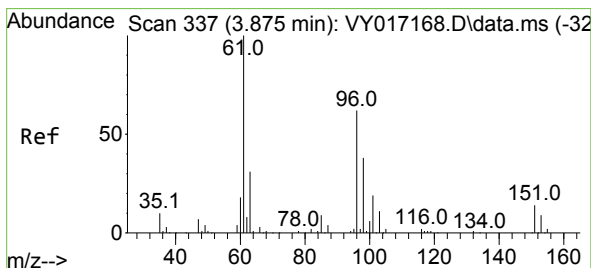
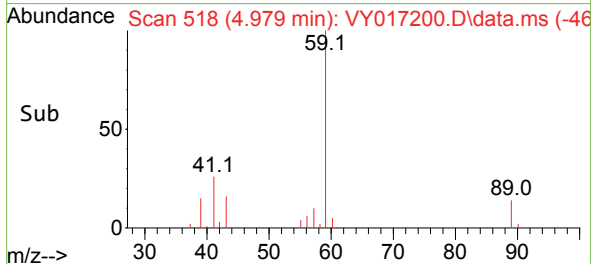
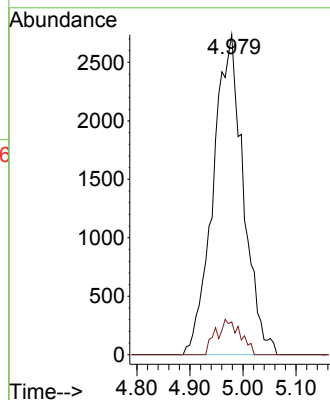
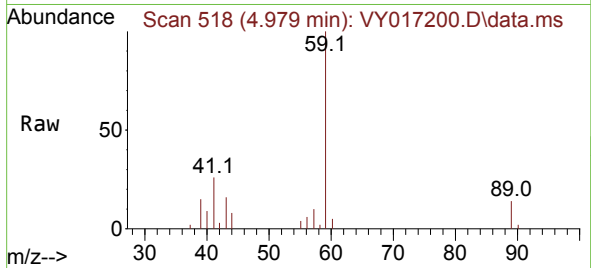




#11
Tert butyl alcohol
Concen: 107.485 ug/l
RT: 4.979 min Scan# 515
Delta R.T. 0.019 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

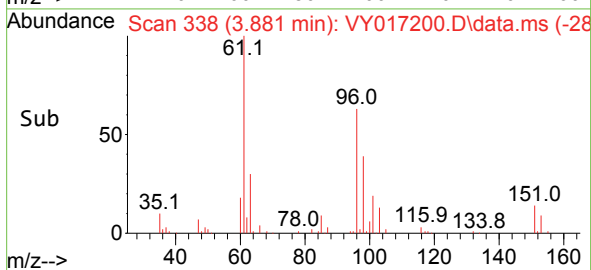
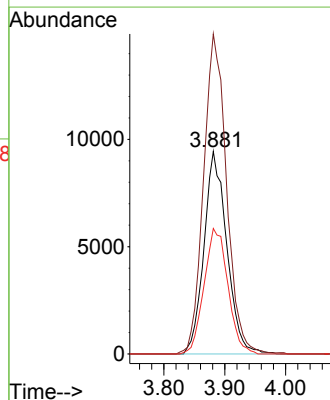
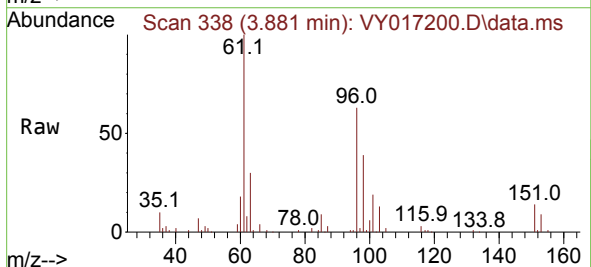
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBS02

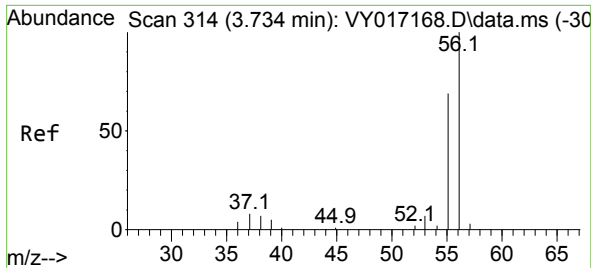
Tgt Ion: 59 Resp: 10866
Ion Ratio Lower Upper
59 100
57 8.7 7.4 11.0



#12
1,1-Dichloroethene
Concen: 20.537 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.007 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

Tgt Ion: 96 Resp: 24612
Ion Ratio Lower Upper
96 100
61 157.3 124.2 186.2
98 61.9 52.6 79.0





#13

Acrolein

Concen: 98.134 ug/l

RT: 3.741 min Scan# 314

Delta R.T. 0.007 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

Instrument :

MSVOA_Y

ClientSampleId :

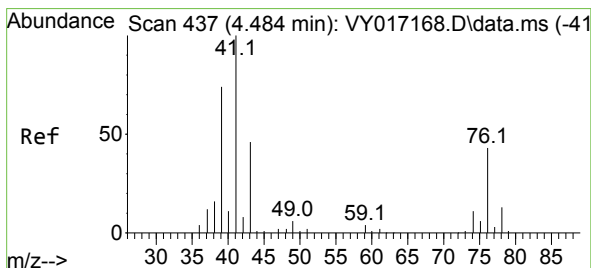
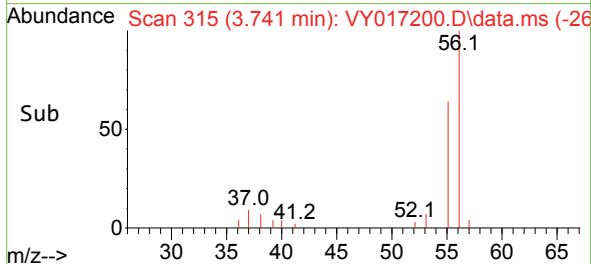
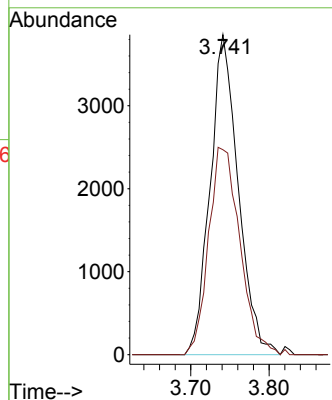
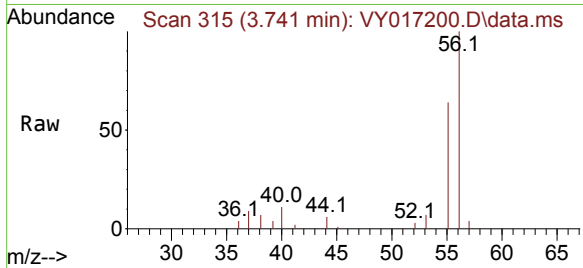
VY0202SBS02

Tgt Ion: 56 Resp: 9632

Ion Ratio Lower Upper

56 100

55 72.0 55.4 83.0



#14

Allyl chloride

Concen: 21.427 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.013 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

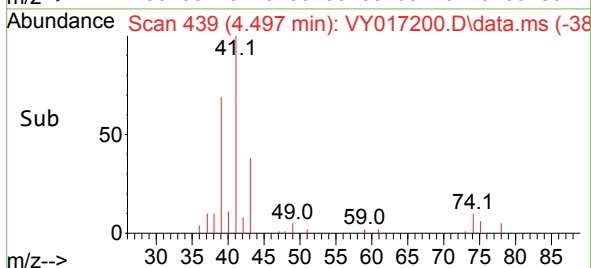
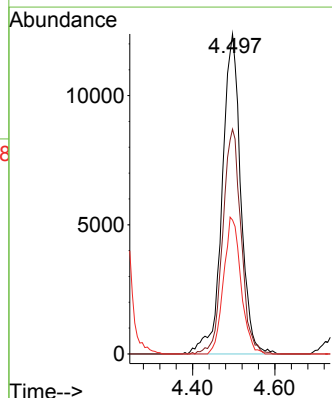
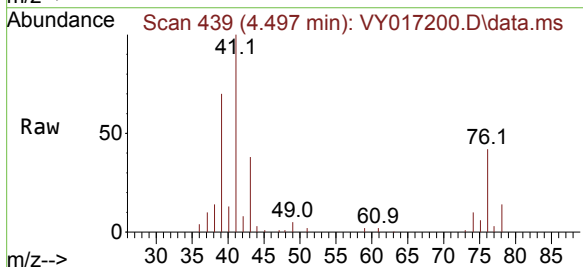
Tgt Ion: 41 Resp: 38820

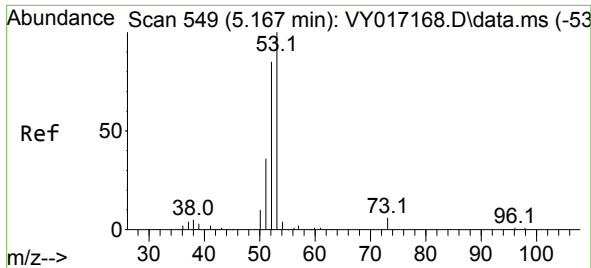
Ion Ratio Lower Upper

41 100

39 69.2 54.7 82.1

76 40.0 31.8 47.6

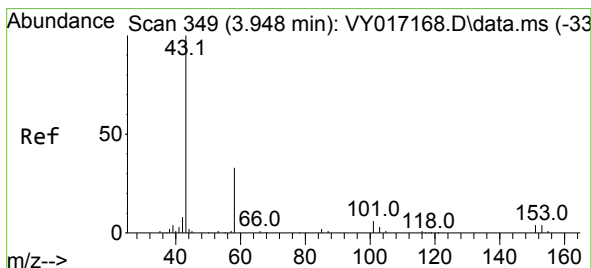
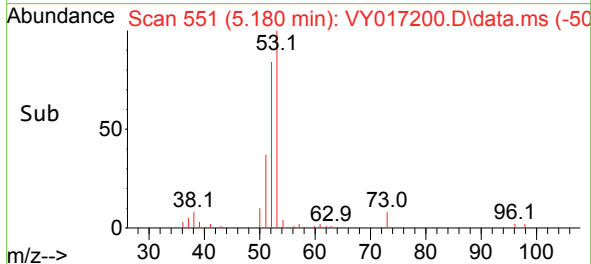
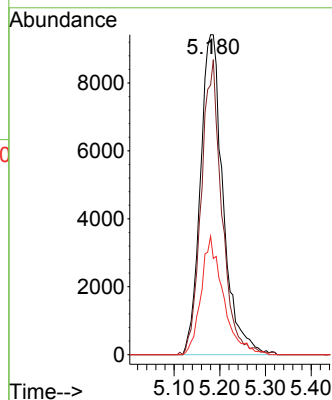
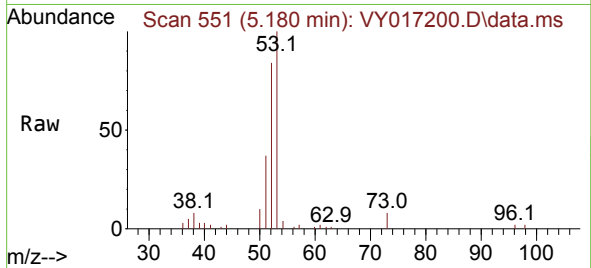




#15
Acrylonitrile
Concen: 108.910 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

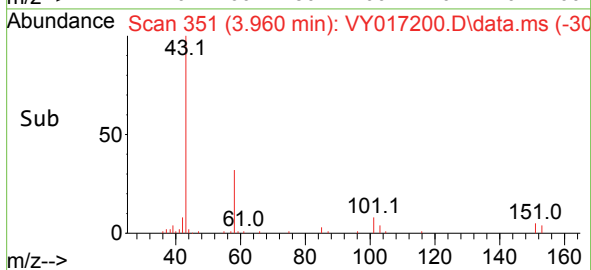
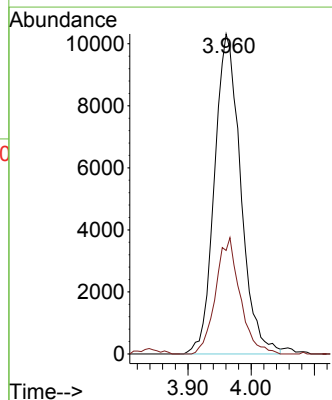
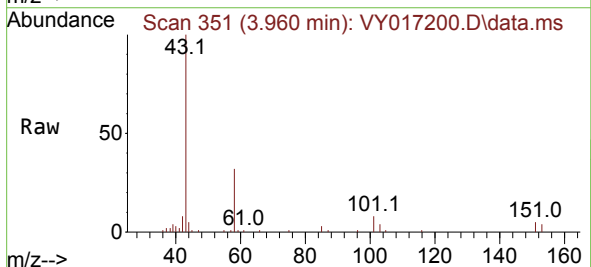
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBSD02

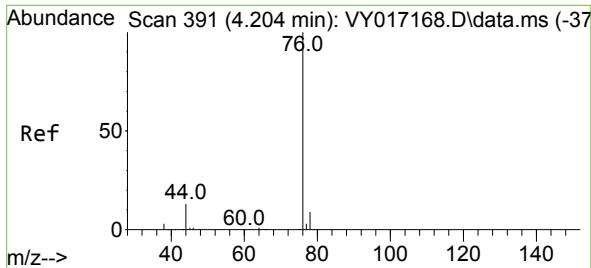
Tgt Ion:	53	Resp:	32543
Ion	Ratio	Lower	Upper
53	100		
52	83.2	65.1	97.7
51	36.1	29.0	43.4



#16
Acetone
Concen: 91.377 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.013 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

Tgt Ion:	43	Resp:	29663
Ion	Ratio	Lower	Upper
43	100		
58	32.3	26.6	39.8

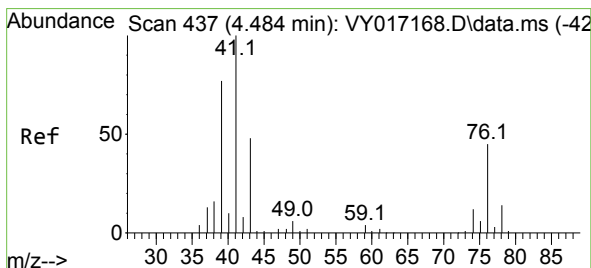
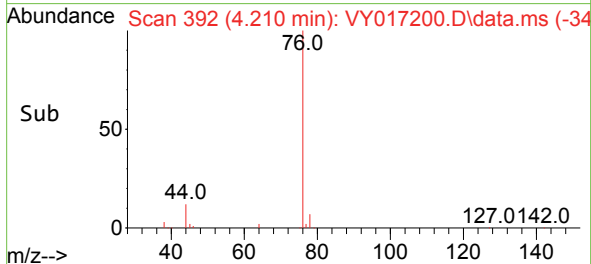
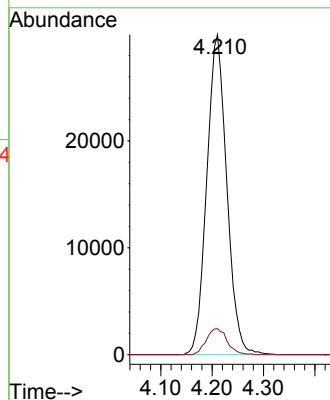
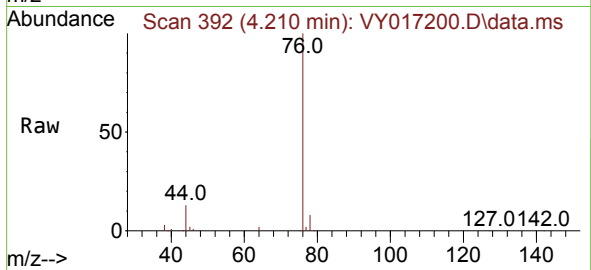




#17
Carbon Disulfide
Concen: 21.161 ug/l
RT: 4.210 min Scan# 391
Delta R.T. 0.007 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

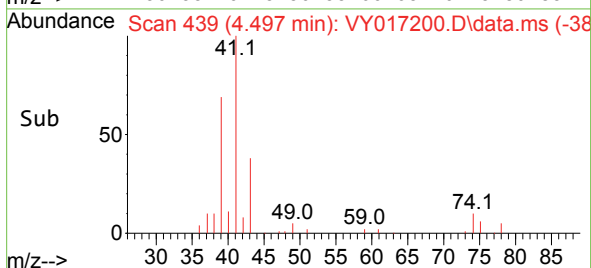
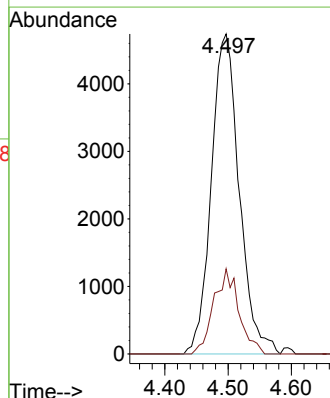
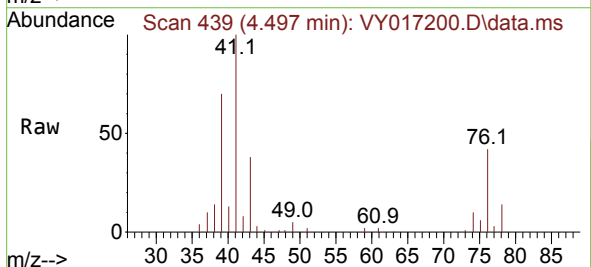
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBSD02

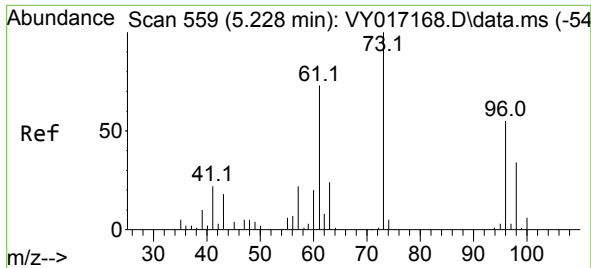
Tgt Ion: 76 Resp: 80953
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.0



#18
Methyl Acetate
Concen: 20.057 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.013 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

Tgt Ion: 43 Resp: 14525
Ion Ratio Lower Upper
43 100
74 23.9 19.8 29.6

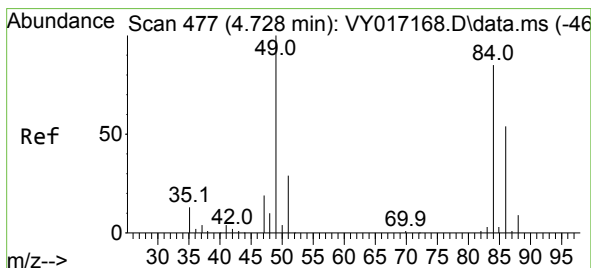
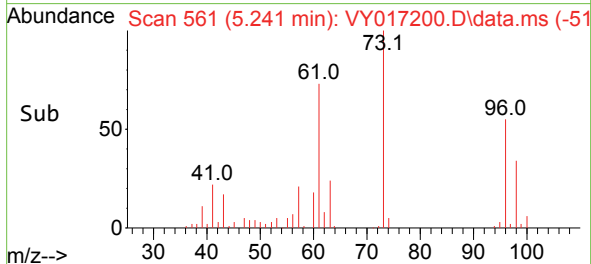
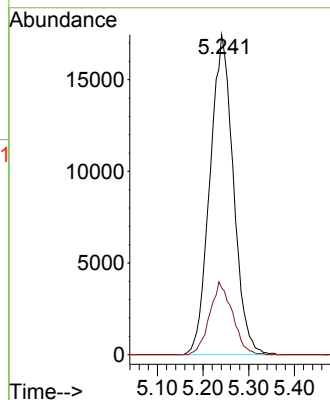
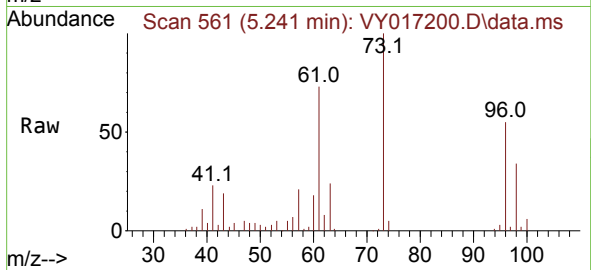




#19
Methyl tert-butyl Ether
Concen: 21.594 ug/l
RT: 5.241 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

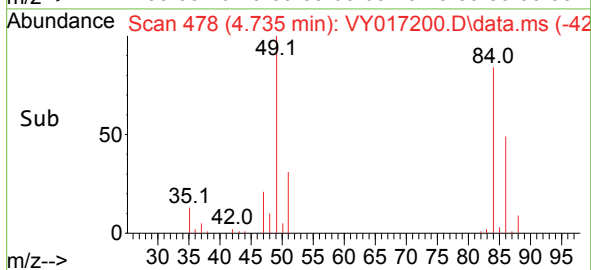
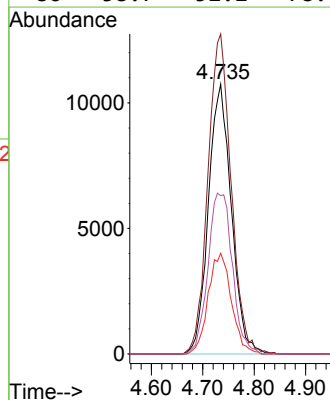
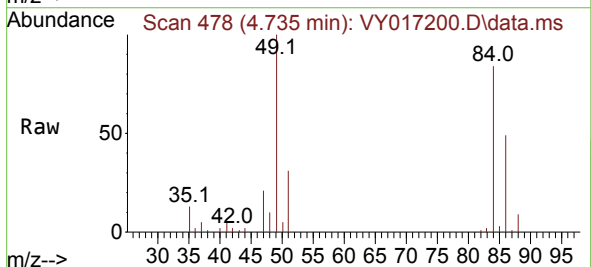
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBSD02

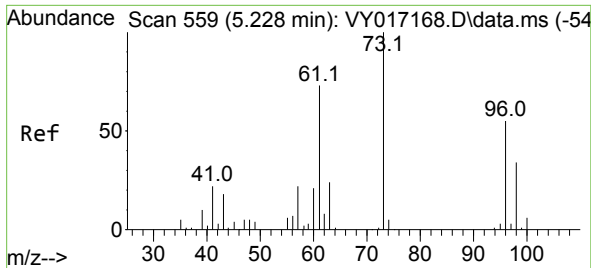
Tgt Ion: 73 Resp: 62326
Ion Ratio Lower Upper
73 100
57 20.9 17.7 26.5



#20
Methylene Chloride
Concen: 23.186 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.007 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

Tgt Ion: 84 Resp: 33324
Ion Ratio Lower Upper
84 100
49 118.6 95.2 142.8
51 37.3 29.9 44.9
86 58.7 52.2 78.4

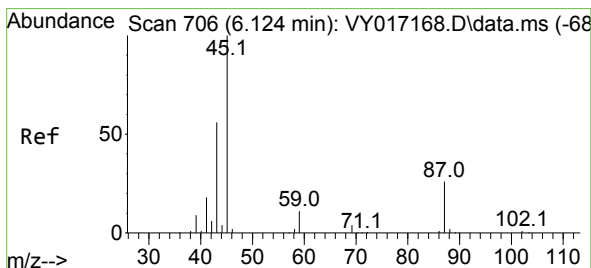
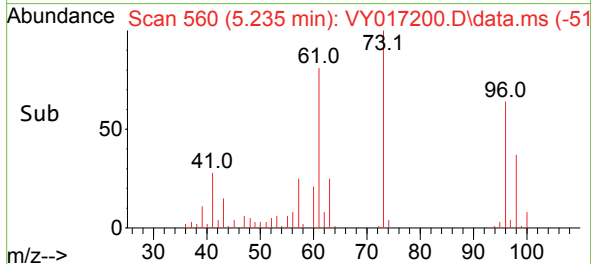
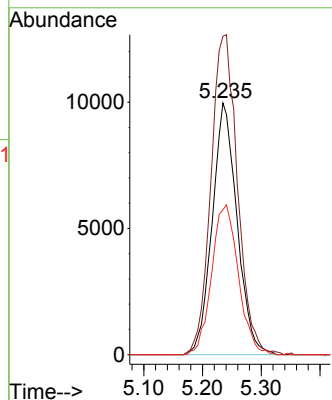
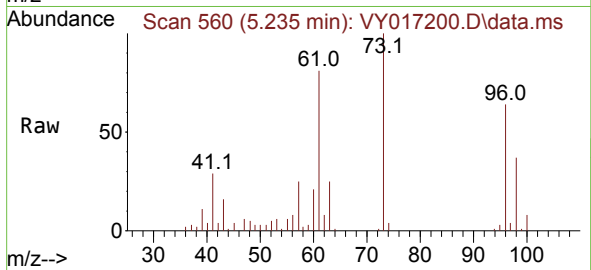




#21
trans-1,2-Dichloroethene
Concen: 21.476 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

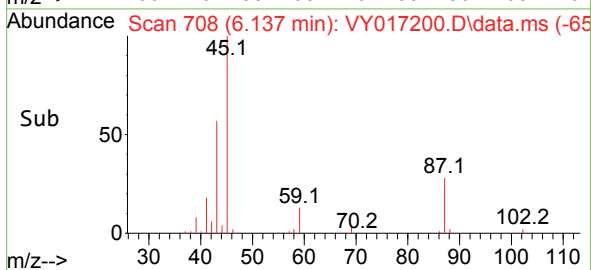
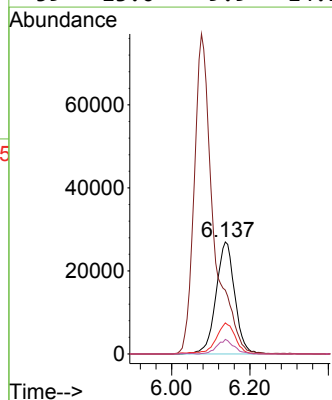
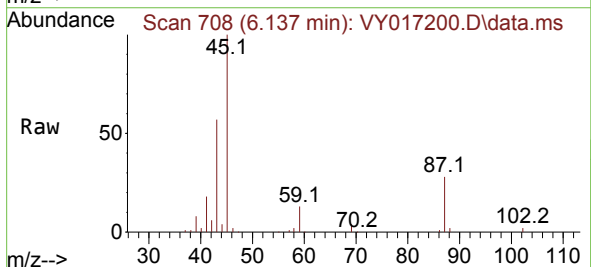
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBSD02

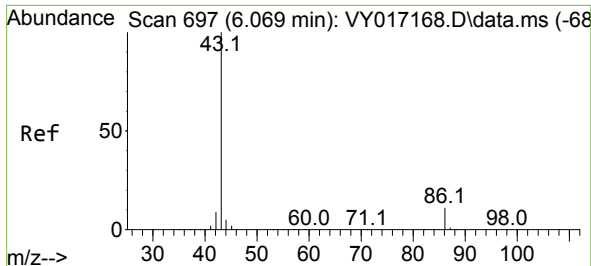
Tgt Ion: 96 Resp: 29279
Ion Ratio Lower Upper
96 100
61 126.5 104.6 156.8
98 57.5 50.9 76.3



#22
Diisopropyl ether
Concen: 22.610 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.013 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

Tgt Ion: 45 Resp: 89957
Ion Ratio Lower Upper
45 100
43 56.6 46.8 70.2
87 27.7 22.2 33.2
59 13.0 9.9 14.9

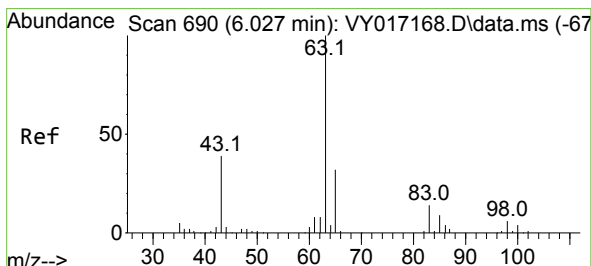
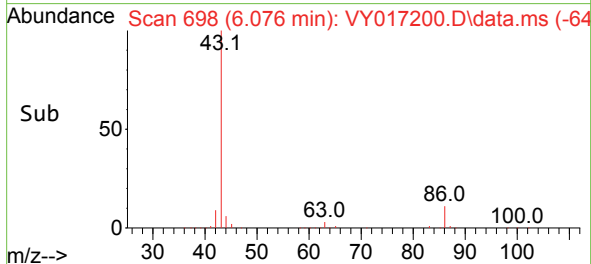
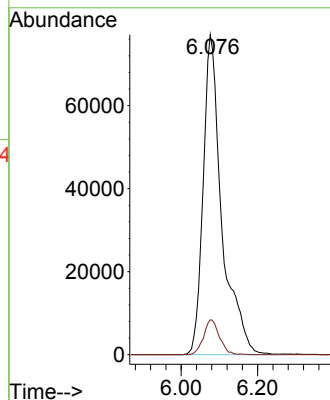
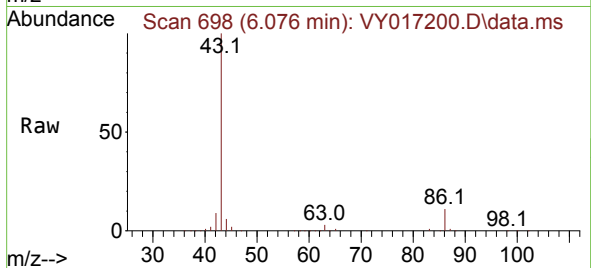




#23
 Vinyl Acetate
 Concen: 108.449 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. 0.007 min
 Lab File: VY017200.D
 Acq: 02 Feb 2024 22:59

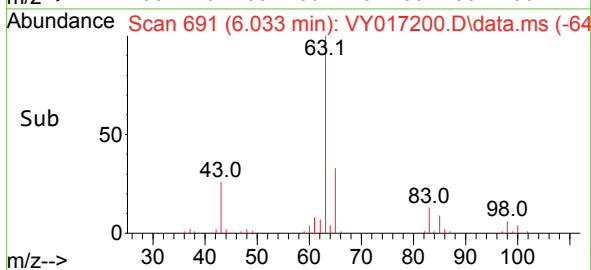
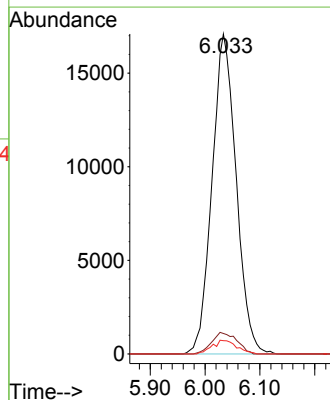
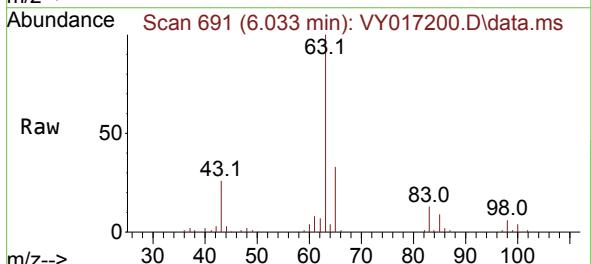
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0202SBS02

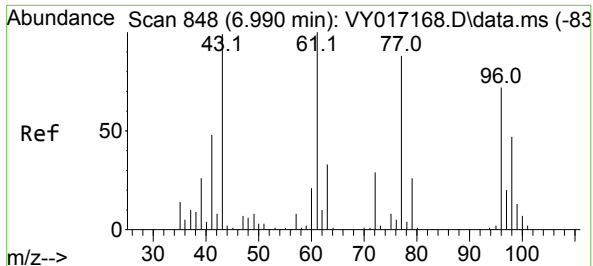
Tgt Ion: 43 Resp: 261441
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 21.431 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.007 min
 Lab File: VY017200.D
 Acq: 02 Feb 2024 22:59

Tgt Ion: 63 Resp: 52234
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.8 11.4
 100 4.1 2.1 6.2





#25

2-Butanone

Concen: 98.982 ug/l

RT: 7.003 min Scan# 848

Delta R.T. 0.013 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

Instrument :

MSVOA_Y

ClientSampleId :

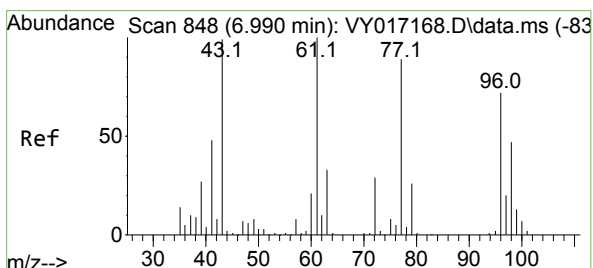
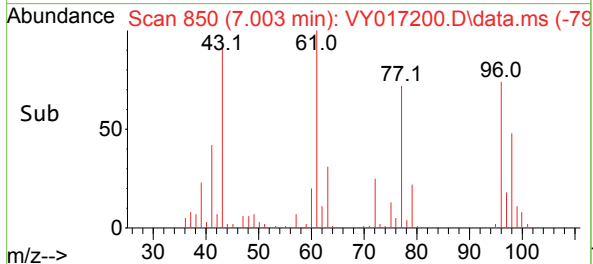
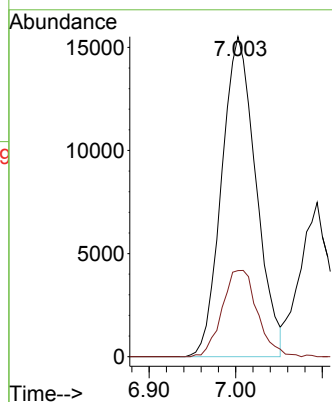
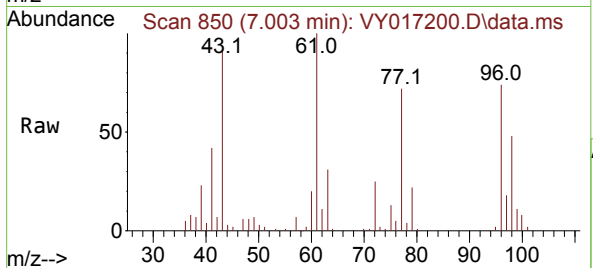
VY0202SBSD02

Tgt Ion: 43 Resp: 42715

Ion Ratio Lower Upper

43 100

72 26.9 21.4 32.2



#26

2,2-Dichloropropane

Concen: 19.128 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.007 min

Lab File: VY017200.D

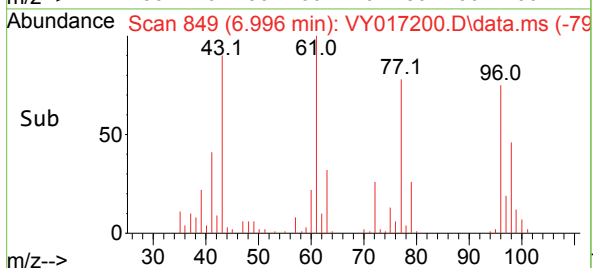
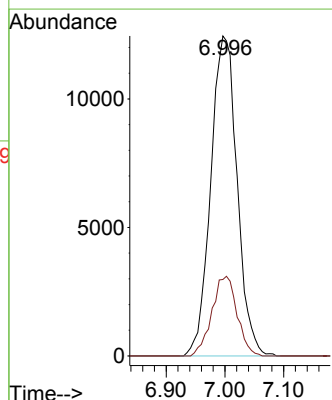
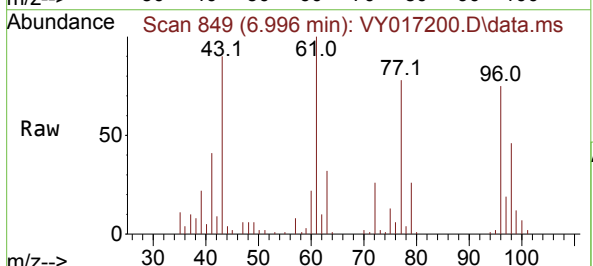
Acq: 02 Feb 2024 22:59

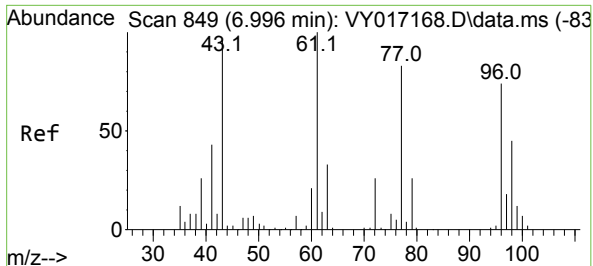
Tgt Ion: 77 Resp: 38778

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 22.019 ug/l

RT: 7.003 min Scan# 849

Delta R.T. 0.007 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0202SBS02

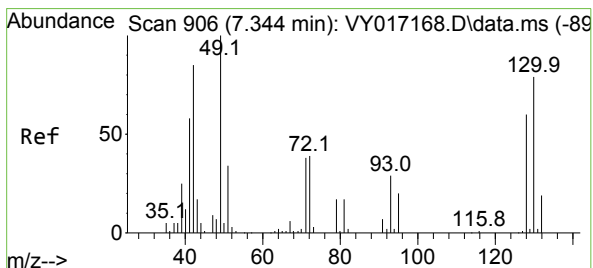
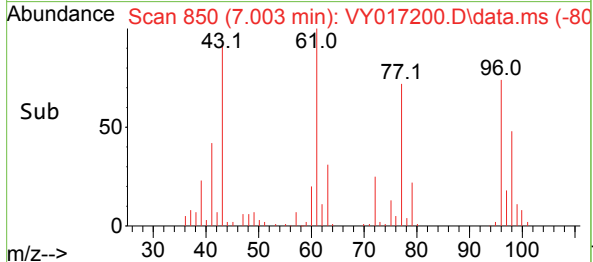
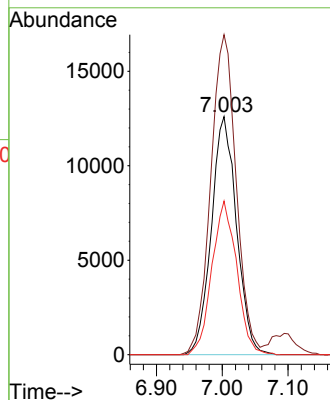
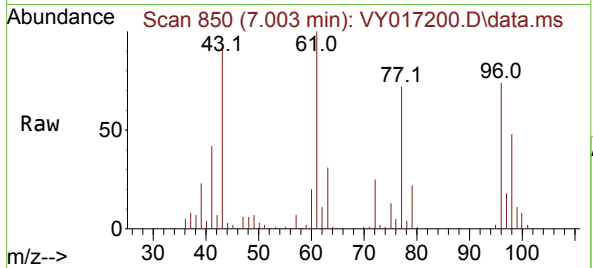
Tgt Ion: 96 Resp: 33575

Ion Ratio Lower Upper

96 100

61 135.9 0.0 278.8

98 63.8 0.0 127.0



#28

Bromochloromethane

Concen: 19.219 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

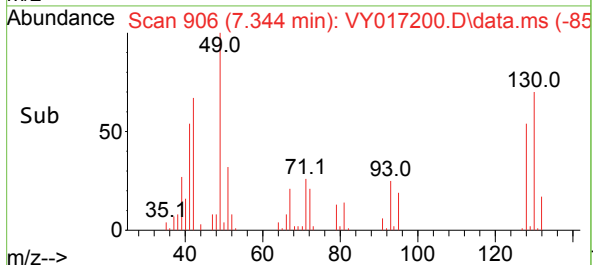
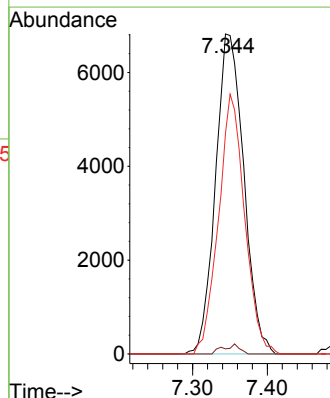
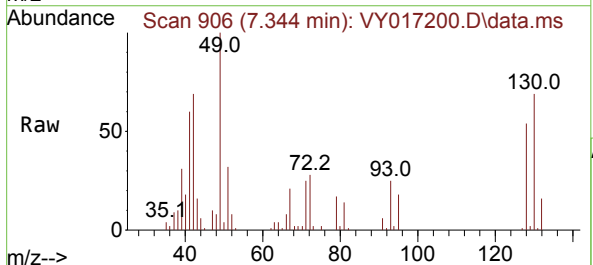
Tgt Ion: 49 Resp: 17936

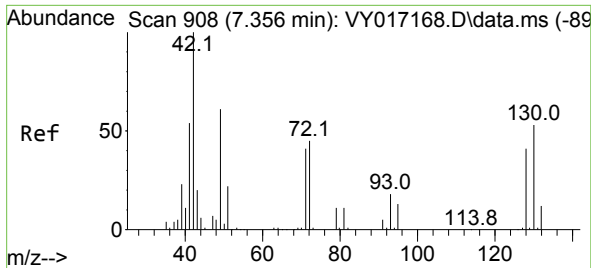
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 75.1 59.8 89.8





#29

Tetrahydrofuran

Concen: 111.573 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.013 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0202SBS02

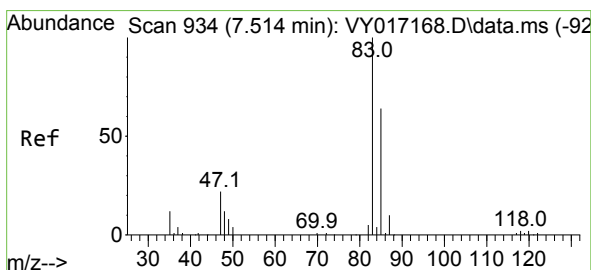
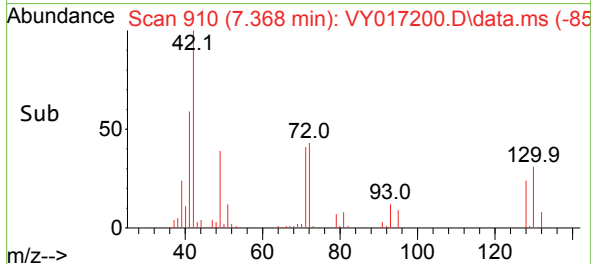
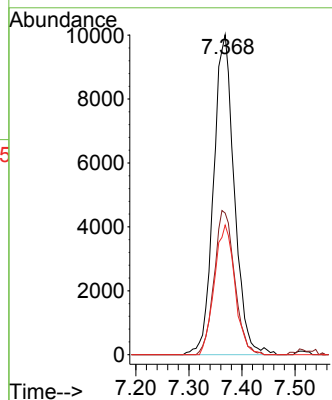
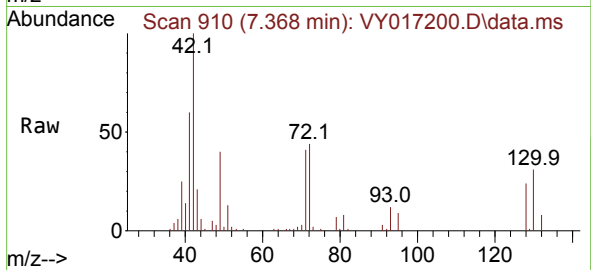
Tgt Ion: 42 Resp: 27199

Ion Ratio Lower Upper

42 100

72 44.3 36.6 54.8

71 40.0 33.8 50.6



#30

Chloroform

Concen: 21.933 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.007 min

Lab File: VY017200.D

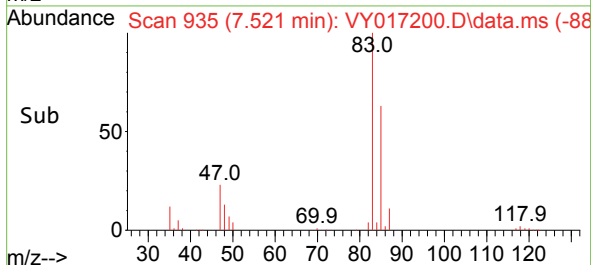
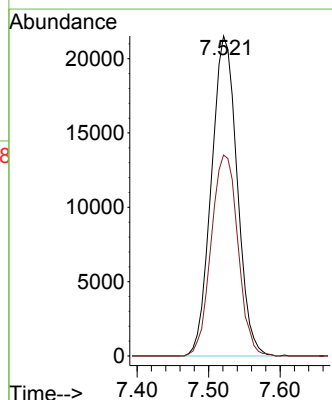
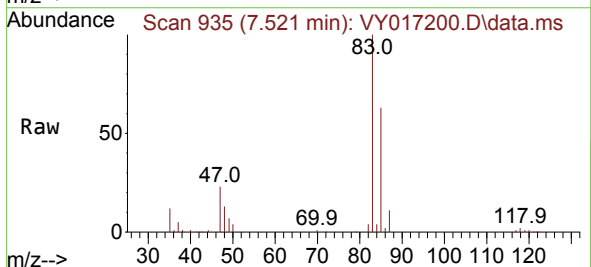
Acq: 02 Feb 2024 22:59

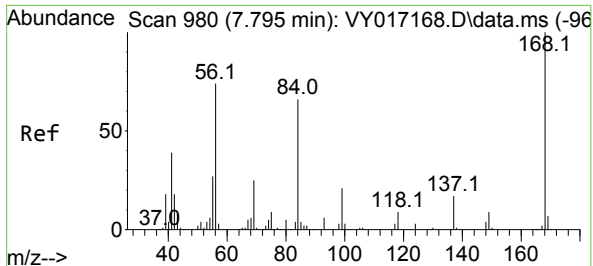
Tgt Ion: 83 Resp: 53776

Ion Ratio Lower Upper

83 100

85 62.8 51.2 76.8

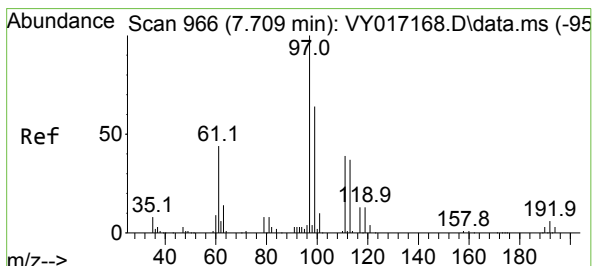
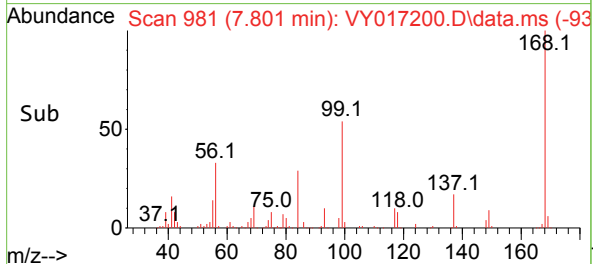
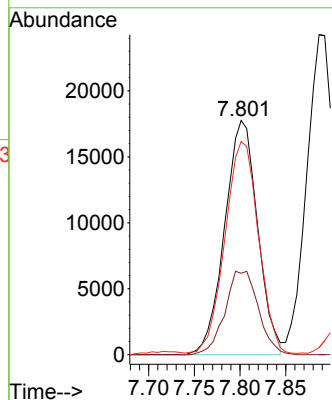
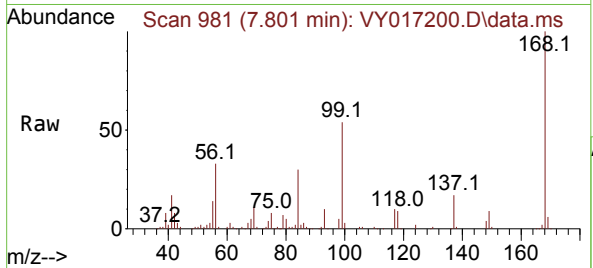




#31
Cyclohexane
Concen: 19.988 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.007 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

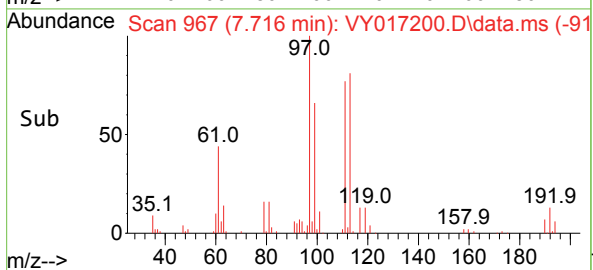
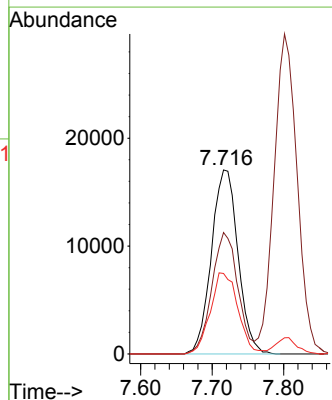
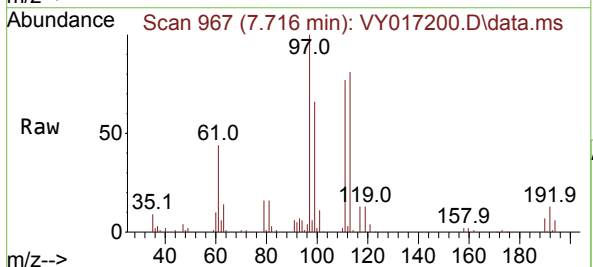
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBS02

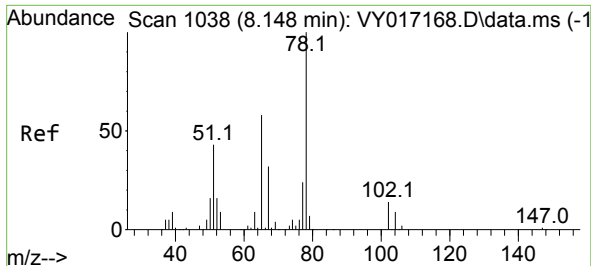
Tgt Ion: 56 Resp: 44498
Ion Ratio Lower Upper
56 100
69 34.8 27.0 40.6
84 90.1 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 20.890 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.007 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

Tgt Ion: 97 Resp: 44056
Ion Ratio Lower Upper
97 100
99 64.6 51.2 76.8
61 45.7 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 51.780 ug/l

RT: 8.155 min Scan# 1109

Delta R.T. 0.007 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

Instrument :

MSVOA_Y

ClientSampleId :

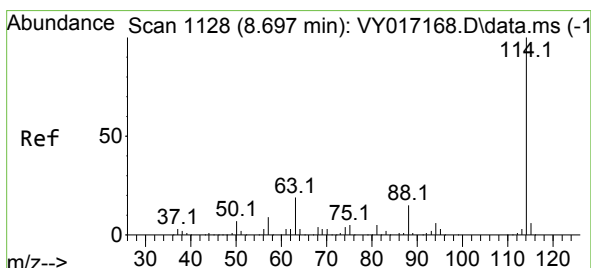
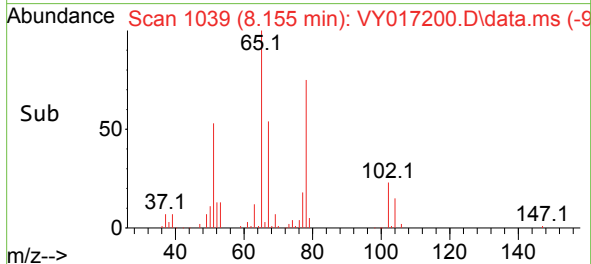
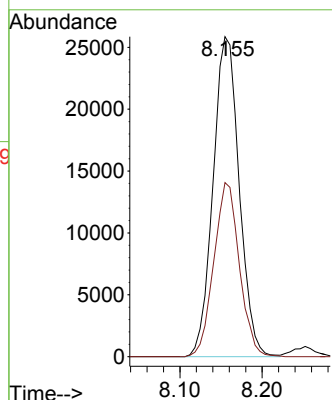
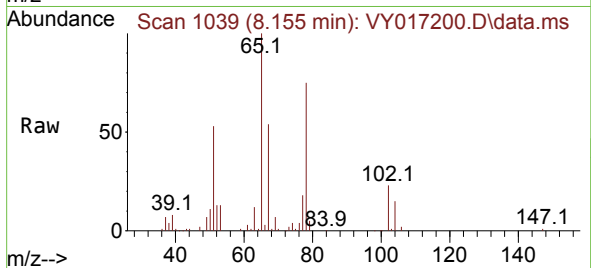
VY0202SBS02

Tgt Ion: 65 Resp: 57190

Ion Ratio Lower Upper

65 100

67 53.1 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.007 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

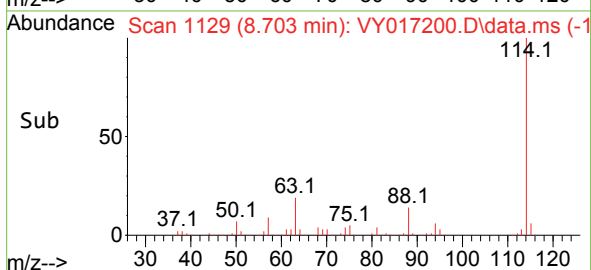
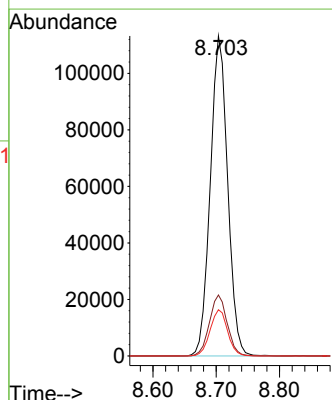
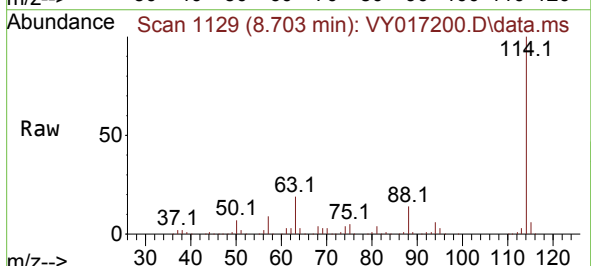
Tgt Ion: 114 Resp: 215956

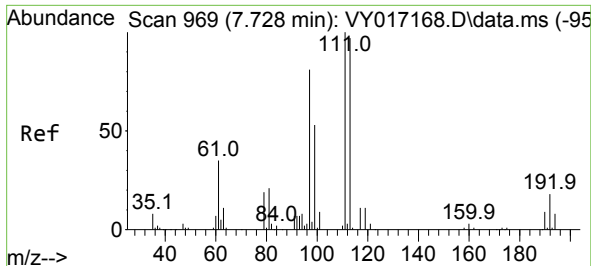
Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.4

88 14.5 0.0 29.0

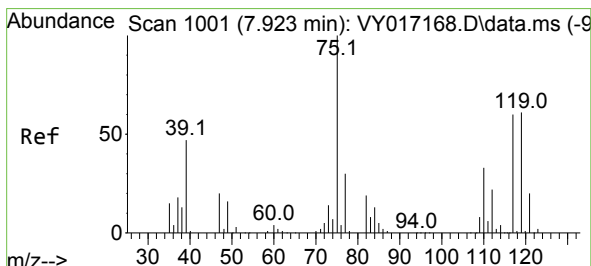
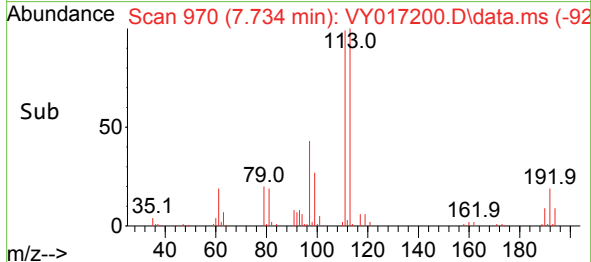
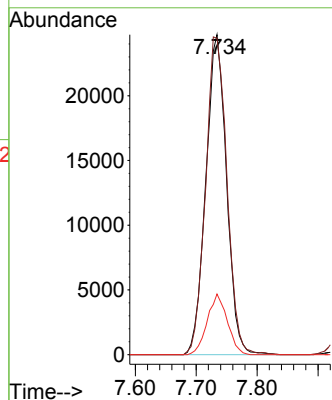
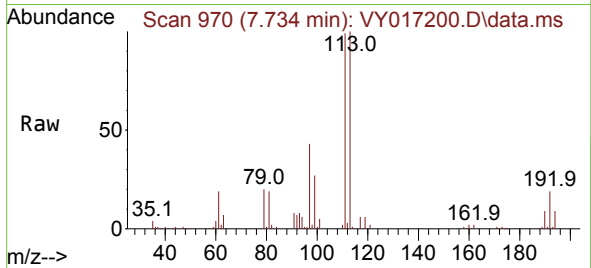




#35
Dibromofluoromethane
Concen: 50.060 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

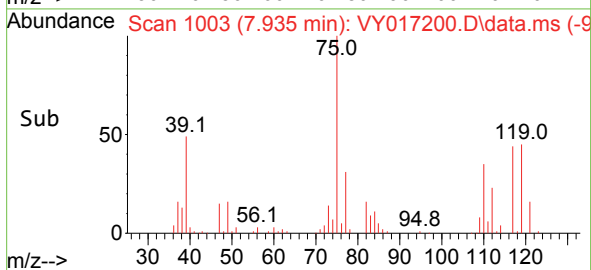
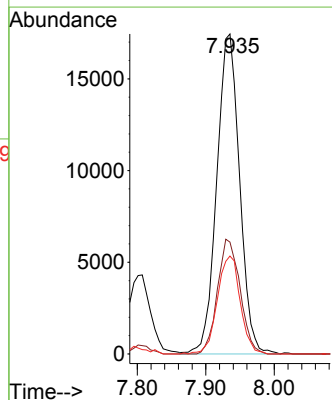
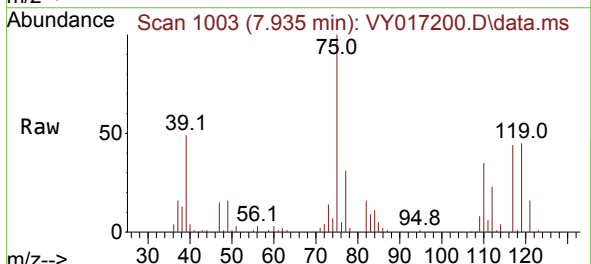
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBSD02

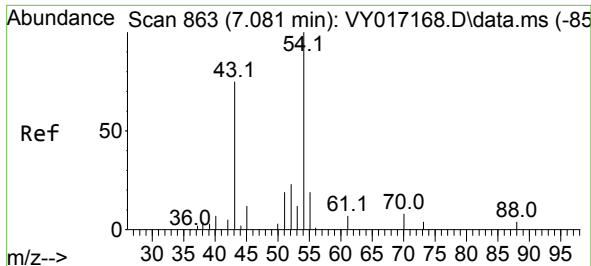
Tgt Ion:113 Resp: 58371
Ion Ratio Lower Upper
113 100
111 102.5 83.8 125.6
192 18.4 14.5 21.7



#36
1,1-Dichloropropene
Concen: 20.080 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.013 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

Tgt Ion: 75 Resp: 40388
Ion Ratio Lower Upper
75 100
110 35.4 17.4 52.3
77 30.7 24.7 37.1





#37

Ethyl Acetate

Concen: 20.277 ug/l

RT: 7.094 min Scan# 8

Delta R.T. 0.013 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0202SBS02

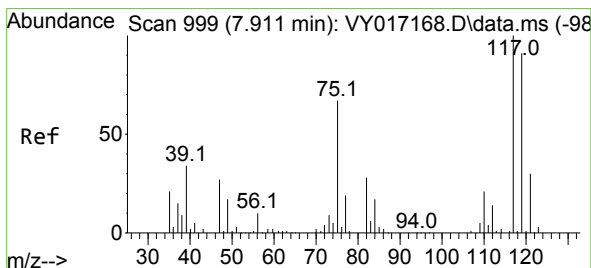
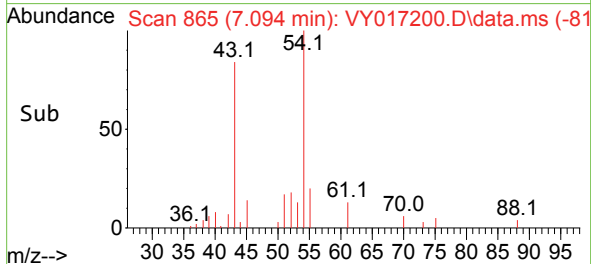
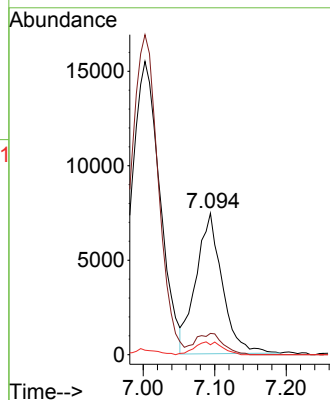
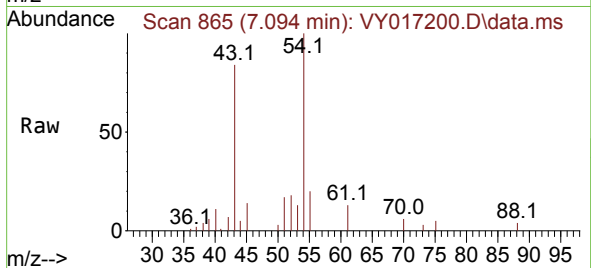
Tgt Ion: 43 Resp: 18916

Ion Ratio Lower Upper

43 100

61 16.3 11.0 16.6

70 9.5 8.1 12.1



#38

Carbon Tetrachloride

Concen: 19.892 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. 0.007 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

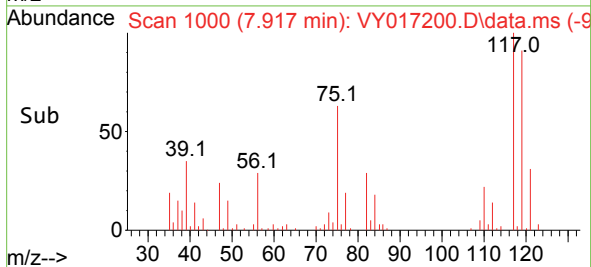
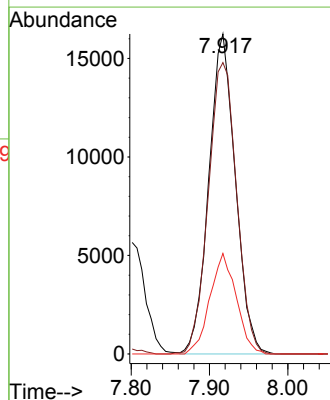
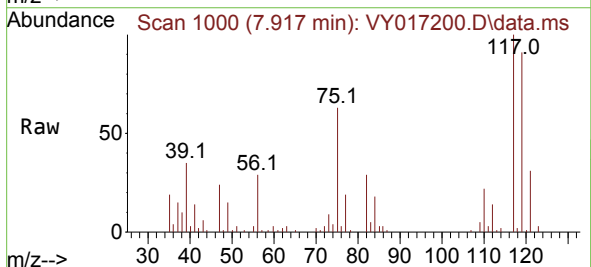
Tgt Ion: 117 Resp: 38307

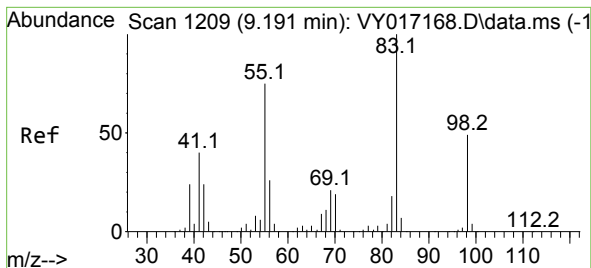
Ion Ratio Lower Upper

117 100

119 91.1 76.0 114.0

121 31.4 24.2 36.2





#39

Methylcyclohexane

Concen: 18.890 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0202SBS02

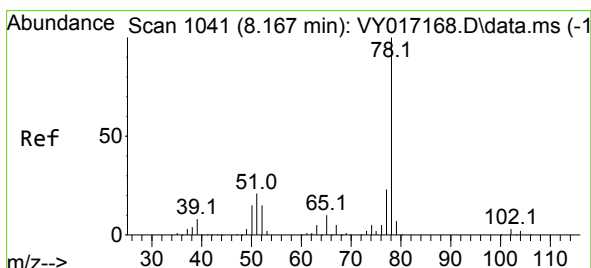
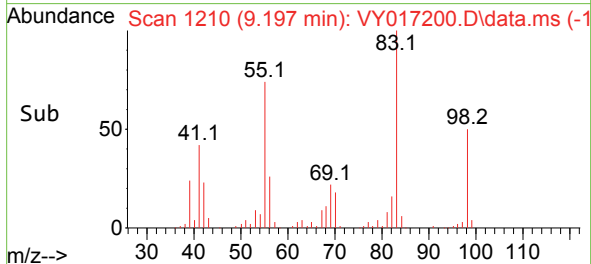
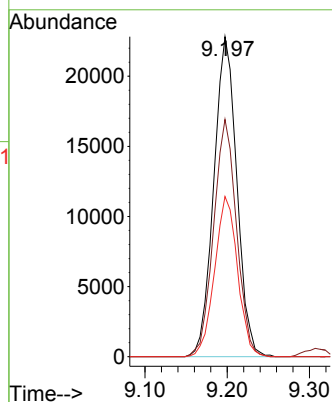
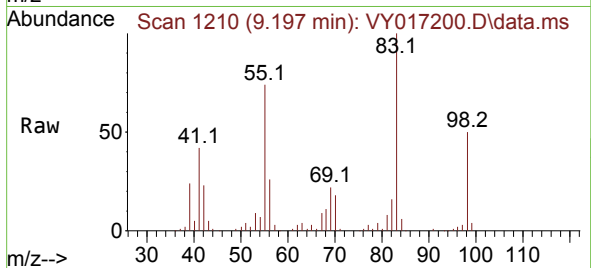
Tgt Ion: 83 Resp: 44386

Ion Ratio Lower Upper

83 100

55 74.1 59.7 89.5

98 50.0 38.0 57.0



#40

Benzene

Concen: 21.327 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.007 min

Lab File: VY017200.D

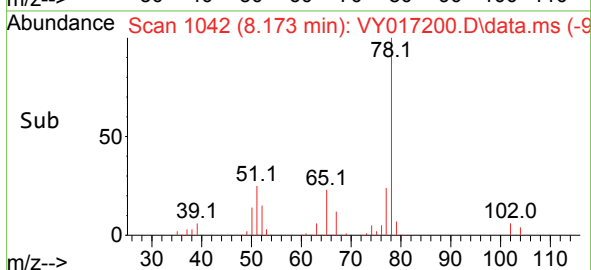
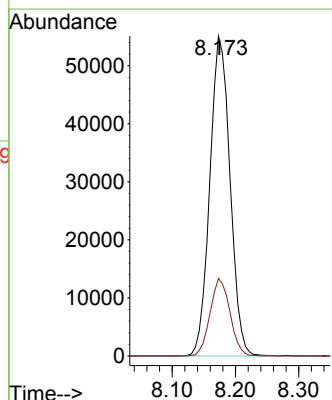
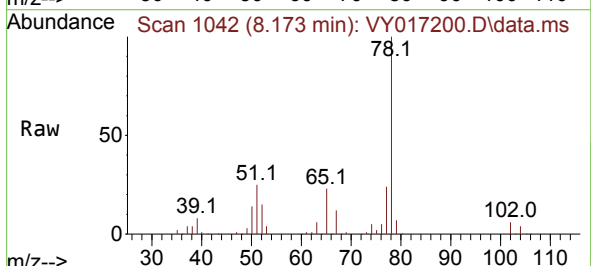
Acq: 02 Feb 2024 22:59

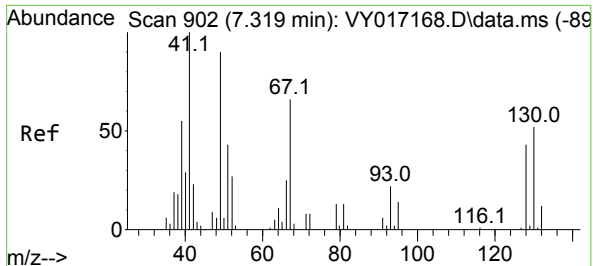
Tgt Ion: 78 Resp: 122497

Ion Ratio Lower Upper

78 100

77 24.2 18.8 28.2

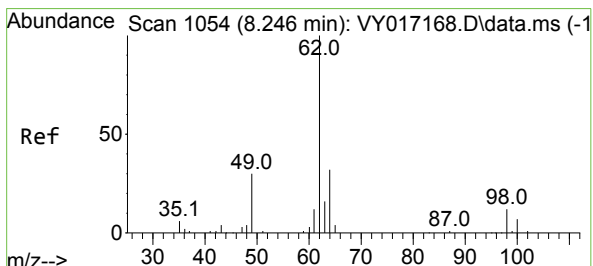
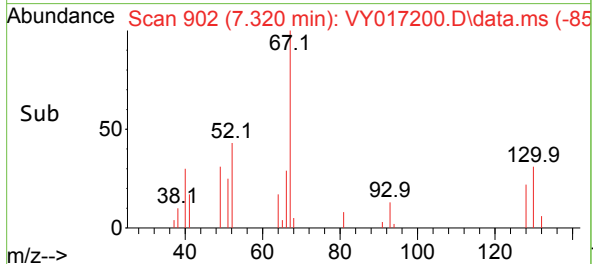
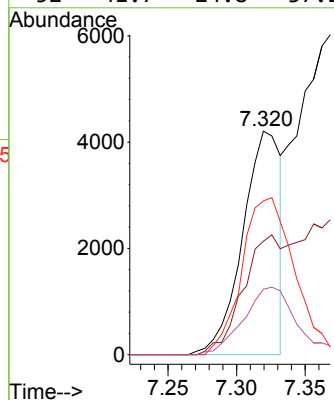
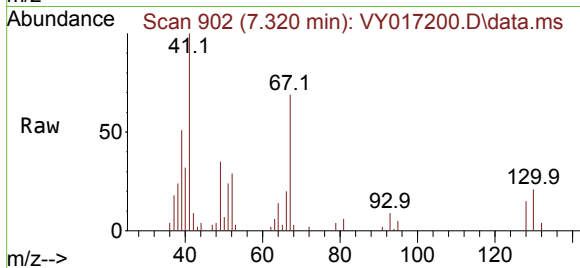




#41
Methacrylonitrile
Concen: 18.396 ug/l
RT: 7.320 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

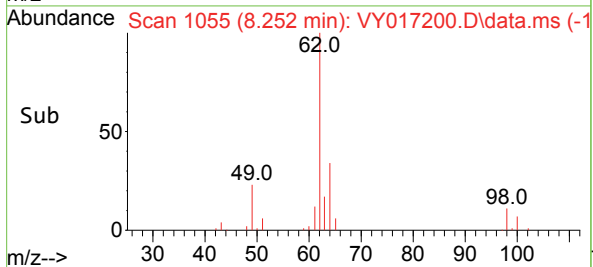
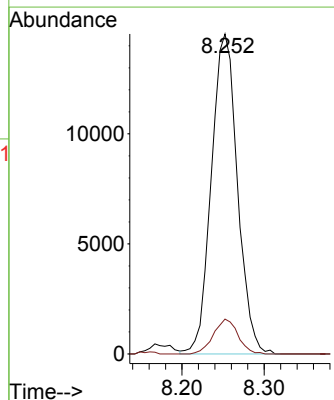
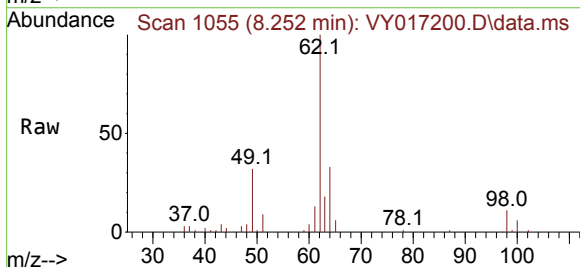
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBS02

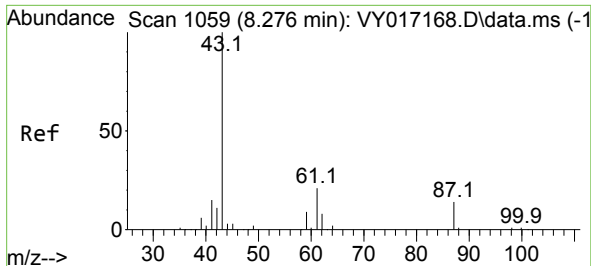
Tgt Ion:	41	Resp:	8131
Ion	Ratio	Lower	Upper
41	100		
39	53.3	41.9	62.9
67	97.4	59.8	89.6#
52	41.7	24.8	37.2#



#42
1,2-Dichloroethane
Concen: 21.117 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.007 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

Tgt Ion:	62	Resp:	32113
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.2

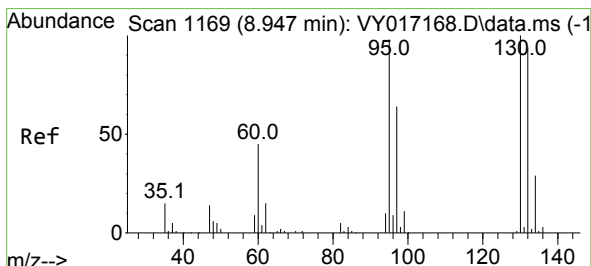
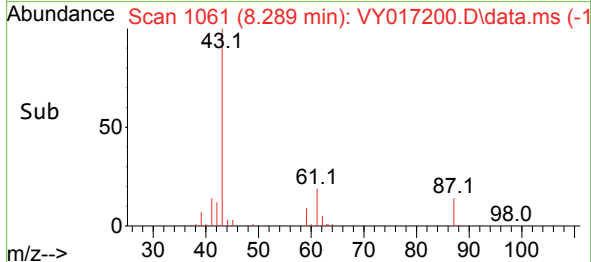
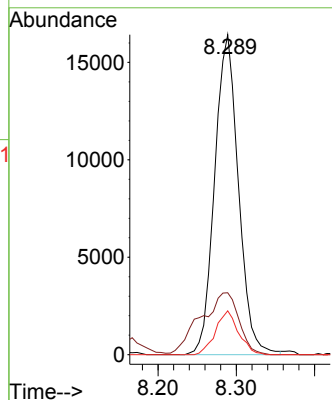
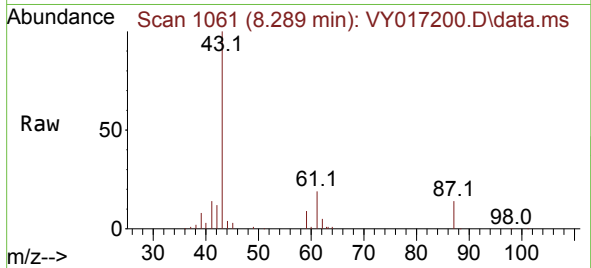




#43
Isopropyl Acetate
Concen: 20.983 ug/l
RT: 8.289 min Scan# 1170
Delta R.T. 0.013 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

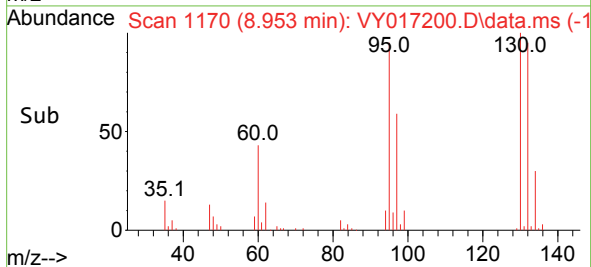
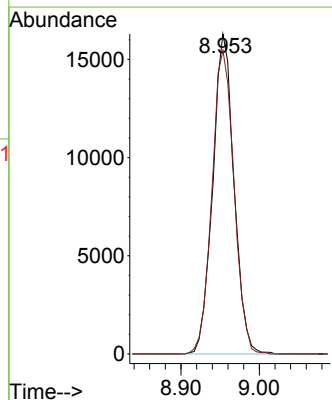
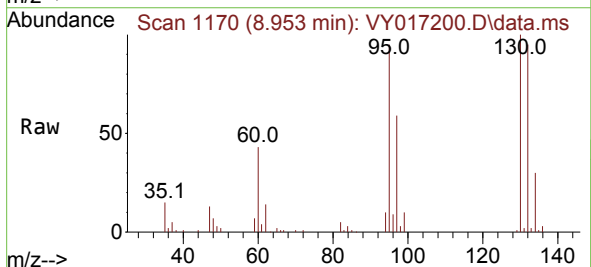
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBSD02

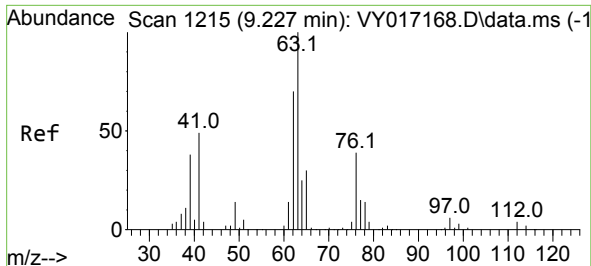
Tgt Ion: 43 Resp: 34651
Ion Ratio Lower Upper
43 100
61 31.2 24.8 37.2
87 13.2 10.7 16.1



#44
Trichloroethene
Concen: 21.028 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.007 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

Tgt Ion:130 Resp: 30659
Ion Ratio Lower Upper
130 100
95 94.9 0.0 203.8

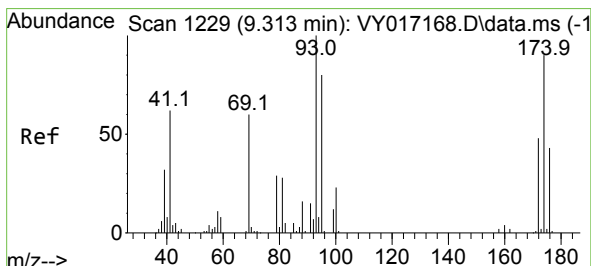
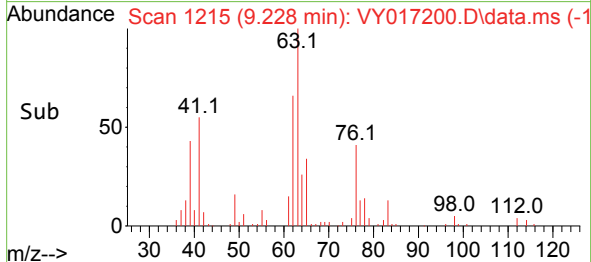
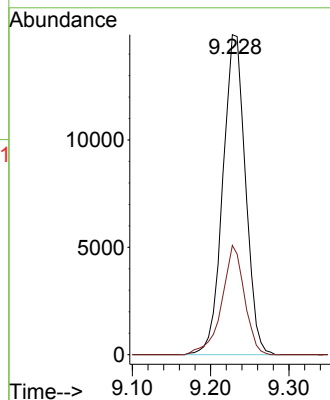
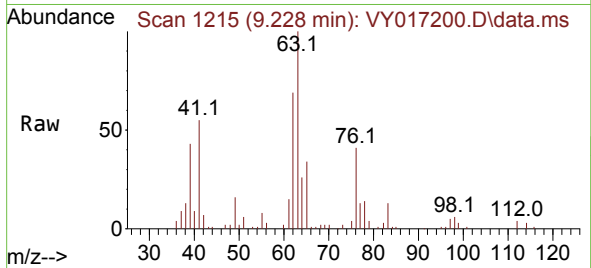




#45
1,2-Dichloropropane
Concen: 21.221 ug/l
RT: 9.228 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

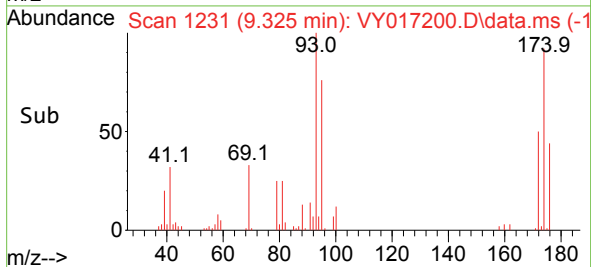
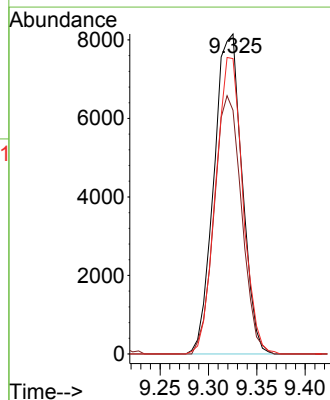
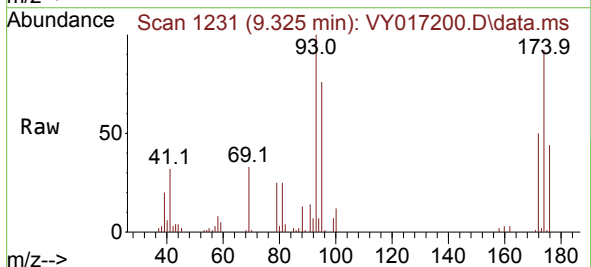
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBS02

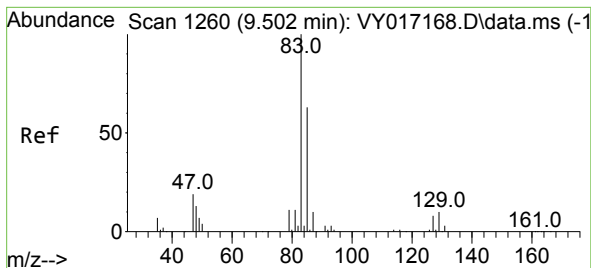
Tgt Ion: 63 Resp: 29939
Ion Ratio Lower Upper
63 100
65 34.2 24.6 36.8



#46
Dibromomethane
Concen: 21.598 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.013 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

Tgt Ion: 93 Resp: 16460
Ion Ratio Lower Upper
93 100
95 79.0 66.6 99.8
174 89.7 73.8 110.6





#47

Bromodichloromethane

Concen: 21.393 ug/l

RT: 9.508 min Scan# 1260

Delta R.T. 0.007 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0202SBSD02

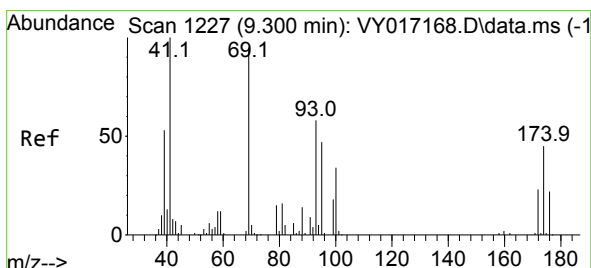
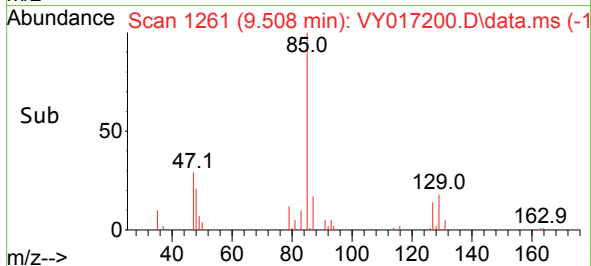
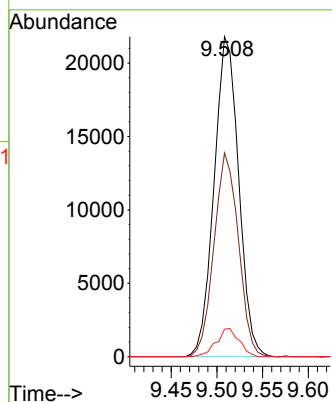
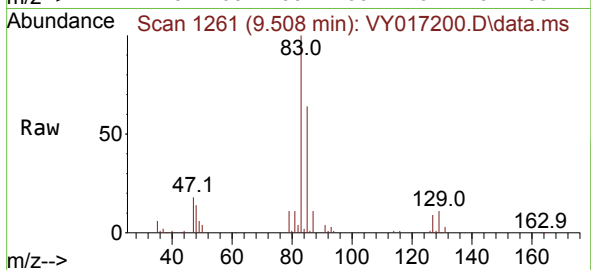
Tgt Ion: 83 Resp: 40802

Ion Ratio Lower Upper

83 100

85 63.7 53.2 79.8

127 8.6 6.4 9.6



#48

Methyl methacrylate

Concen: 19.432 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.007 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

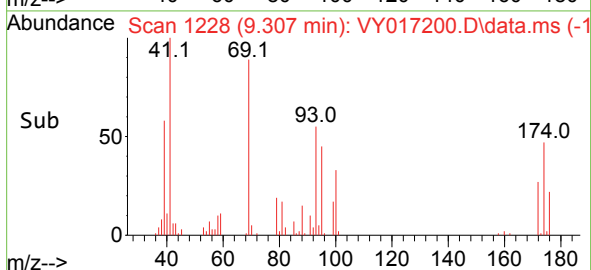
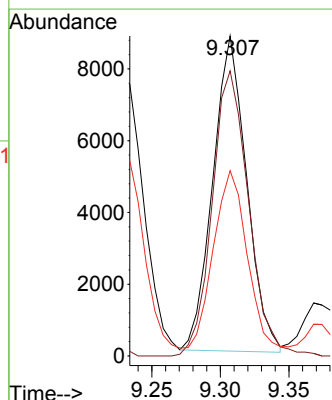
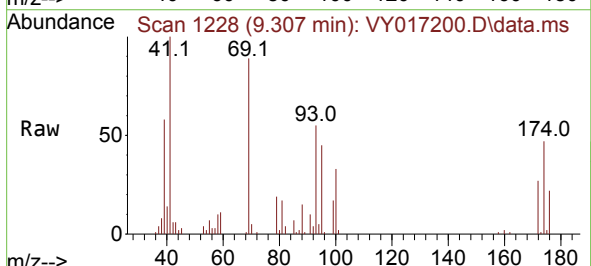
Tgt Ion: 41 Resp: 15052

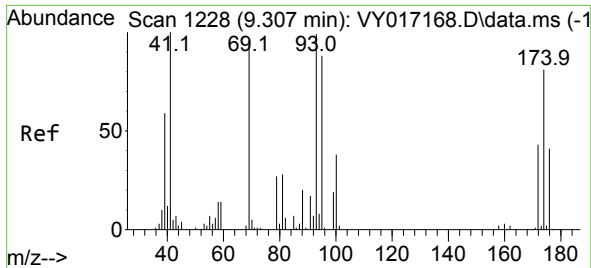
Ion Ratio Lower Upper

41 100

69 97.4 72.1 108.1

39 56.4 42.8 64.2

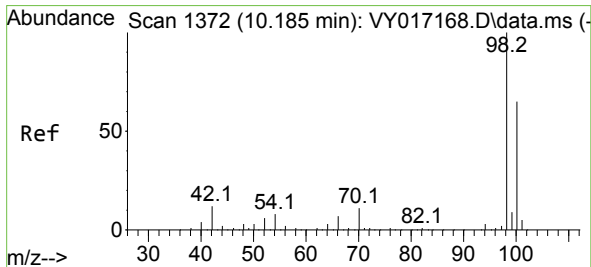
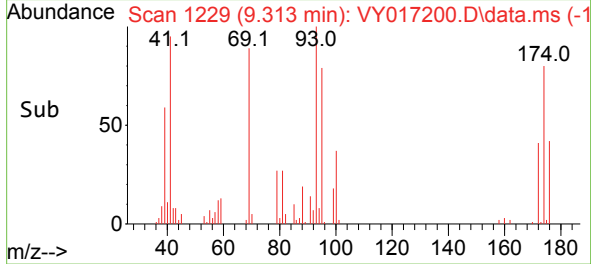
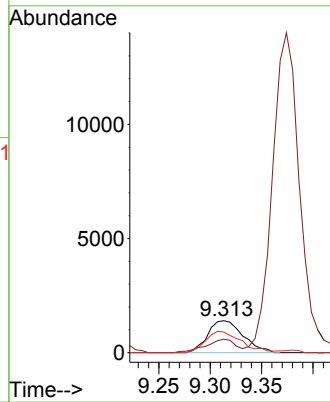
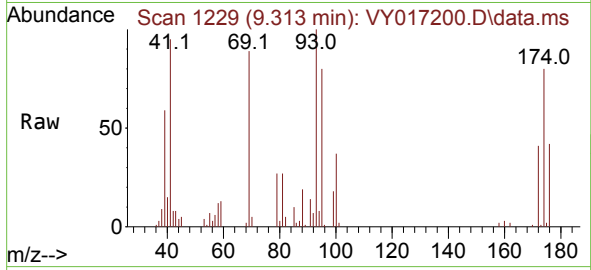




#49
1,4-Dioxane
Concen: 403.859 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.007 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

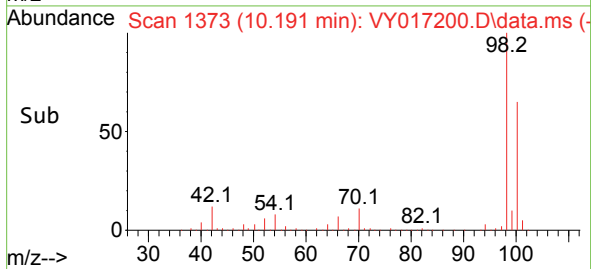
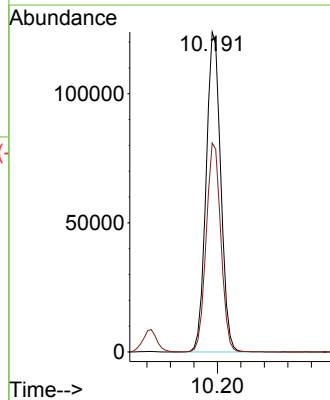
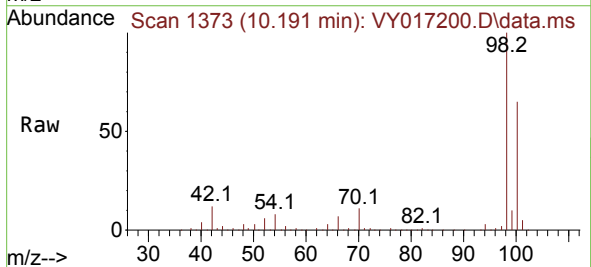
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBS02

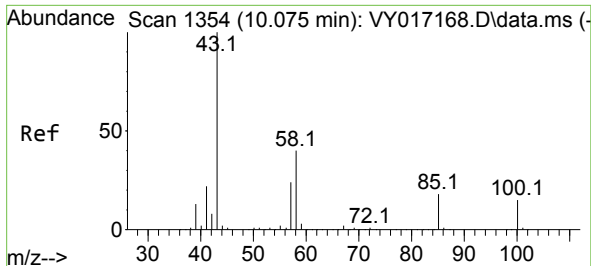
Tgt Ion: 88 Resp: 3350
Ion Ratio Lower Upper
88 100
43 35.8 28.2 42.4
58 66.7 52.2 78.2



#50
Toluene-d8
Concen: 50.376 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.007 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

Tgt Ion: 98 Resp: 213867
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 104.351 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. 0.007 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

Instrument :

MSVOA_Y

ClientSampleId :

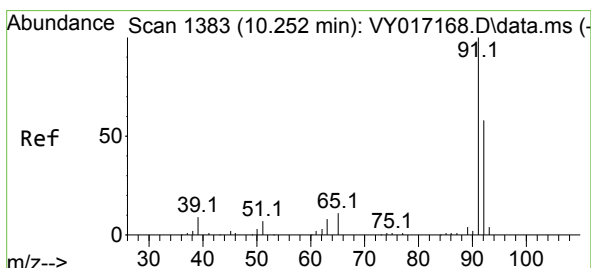
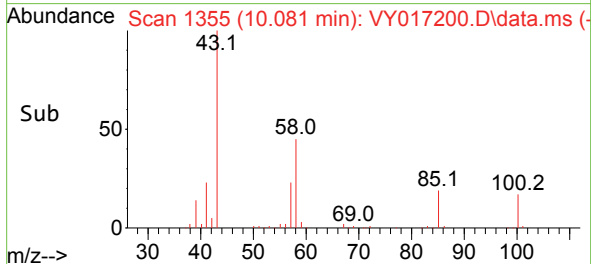
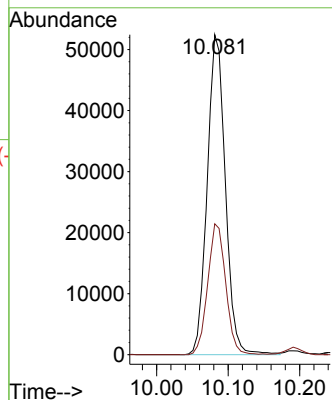
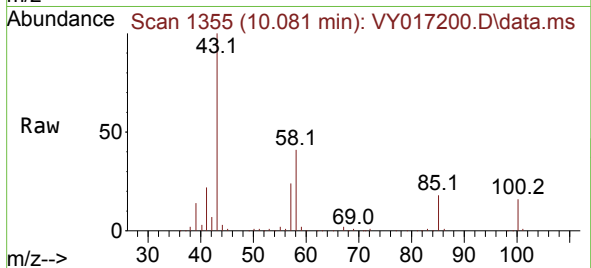
VY0202SBSD02

Tgt Ion: 43 Resp: 92373

Ion Ratio Lower Upper

43 100

58 40.7 32.2 48.2



#52

Toluene

Concen: 21.355 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.007 min

Lab File: VY017200.D

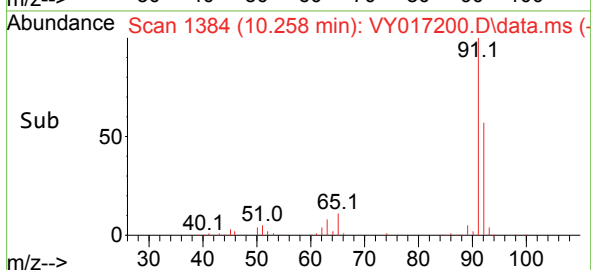
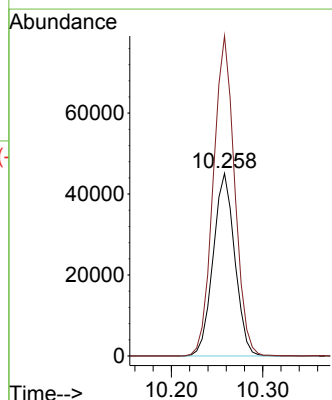
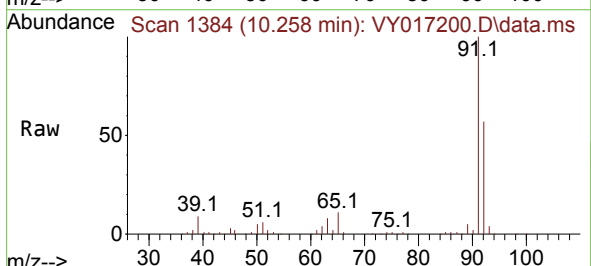
Acq: 02 Feb 2024 22:59

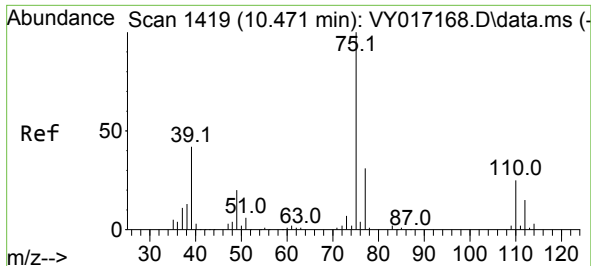
Tgt Ion: 92 Resp: 74037

Ion Ratio Lower Upper

92 100

91 173.4 137.6 206.4

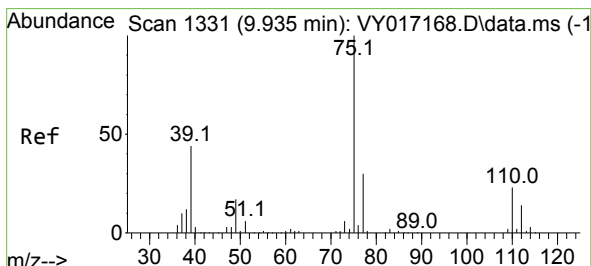
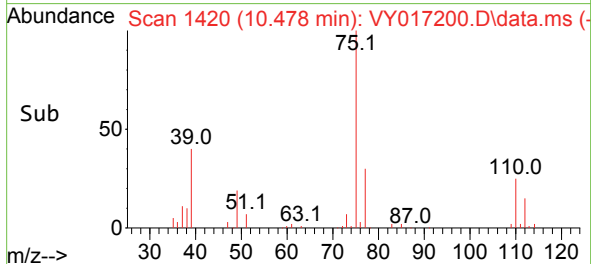
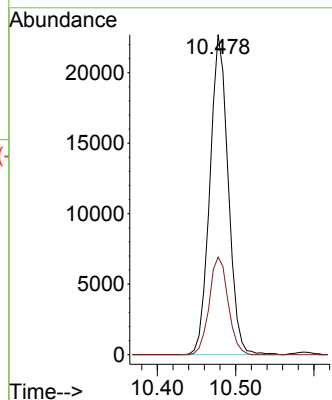
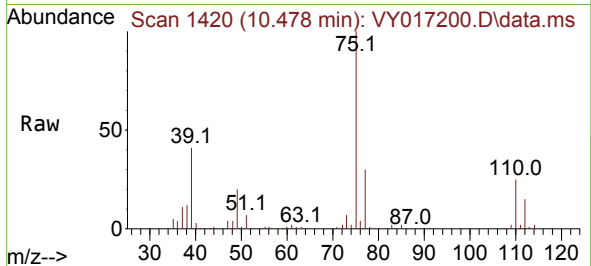




#53
 t-1,3-Dichloropropene
 Concen: 20.586 ug/l
 RT: 10.478 min Scan# 1419
 Delta R.T. 0.007 min
 Lab File: VY017200.D
 Acq: 02 Feb 2024 22:59

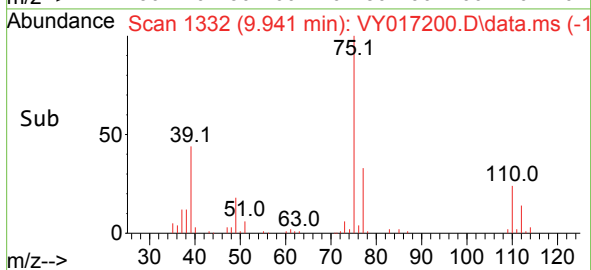
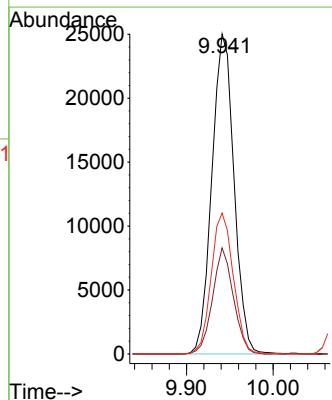
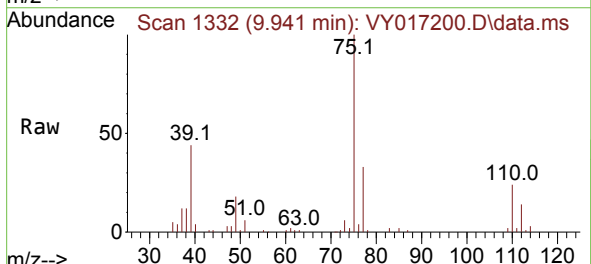
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0202SBSD02

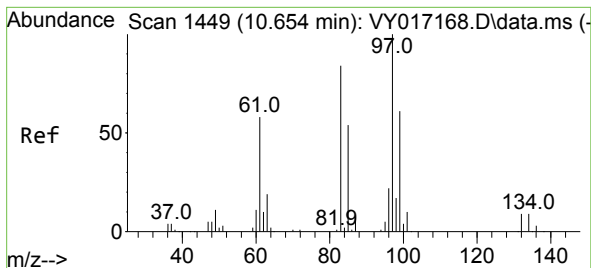
Tgt Ion: 75 Resp: 36880
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.686 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.007 min
 Lab File: VY017200.D
 Acq: 02 Feb 2024 22:59

Tgt Ion: 75 Resp: 44387
 Ion Ratio Lower Upper
 75 100
 77 33.2 24.6 36.8
 39 44.0 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 21.251 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.007 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0202SBS02

Tgt Ion: 97 Resp: 22035

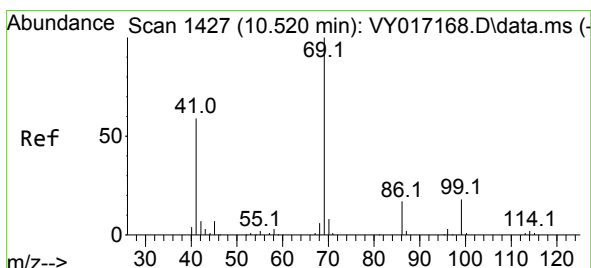
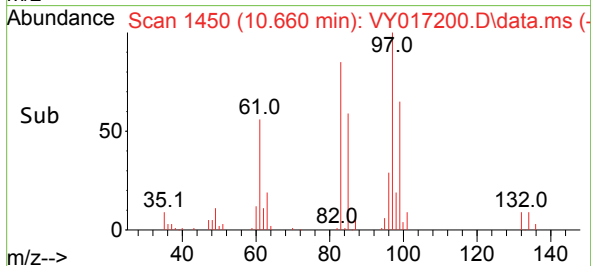
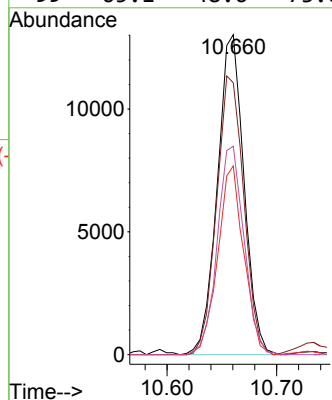
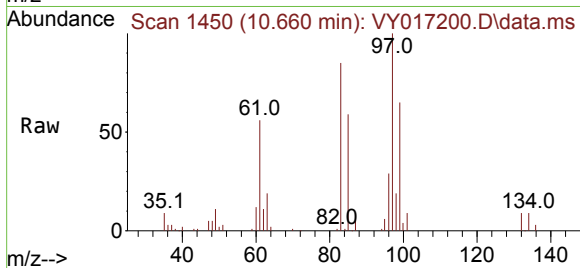
Ion Ratio Lower Upper

97 100

83 85.0 69.4 104.2

85 59.0 43.9 65.9

99 65.1 48.6 73.0



#56

Ethyl methacrylate

Concen: 20.622 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

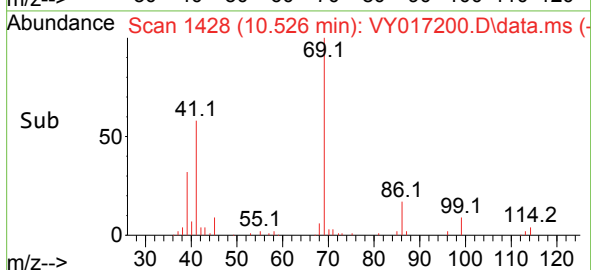
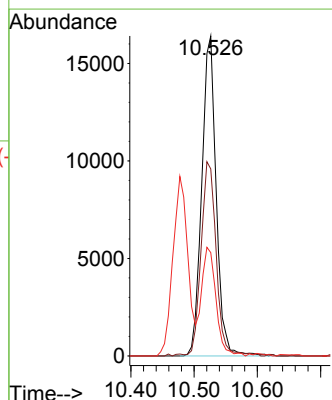
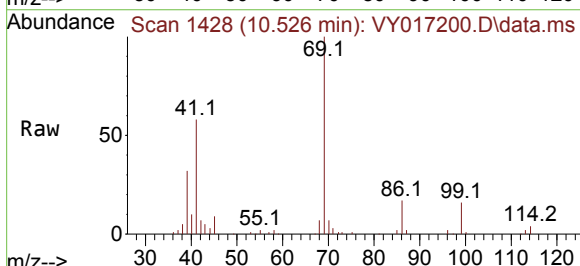
Tgt Ion: 69 Resp: 26148

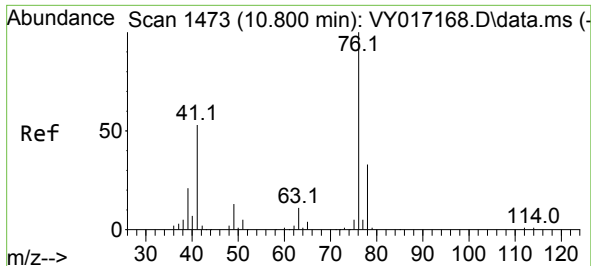
Ion Ratio Lower Upper

69 100

41 64.1 49.2 73.8

39 34.0 26.8 40.2





#57

1,3-Dichloropropane

Concen: 21.204 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

Instrument :

MSVOA_Y

ClientSampleId :

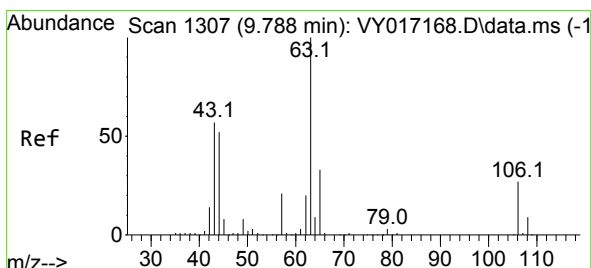
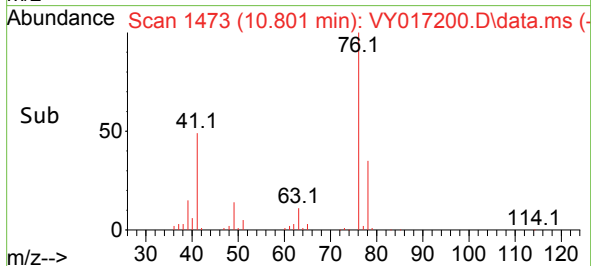
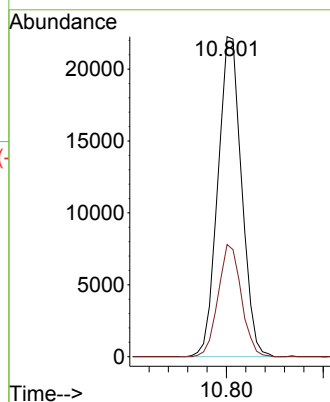
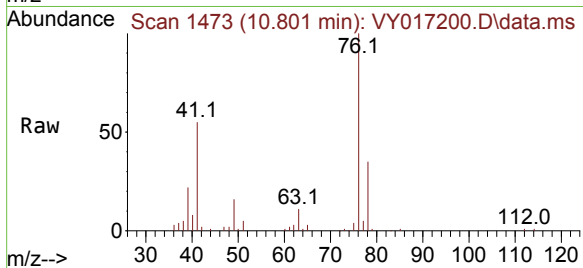
VY0202SBSD02

Tgt Ion: 76 Resp: 37815

Ion Ratio Lower Upper

76 100

78 34.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 94.917 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.007 min

Lab File: VY017200.D

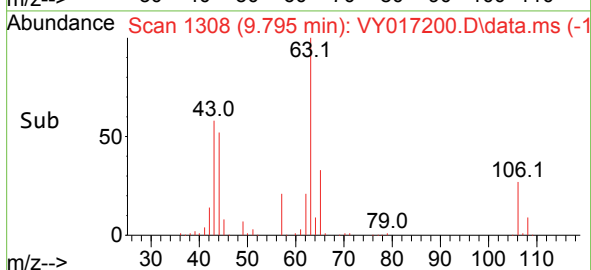
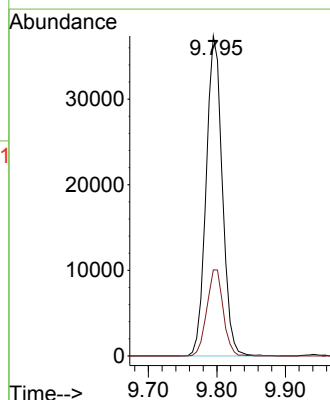
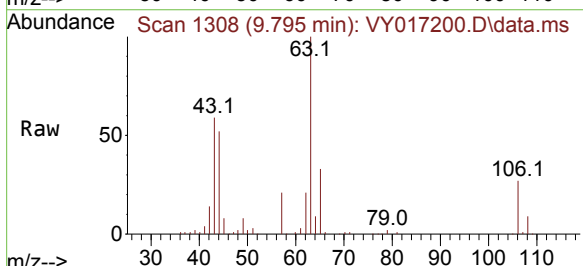
Acq: 02 Feb 2024 22:59

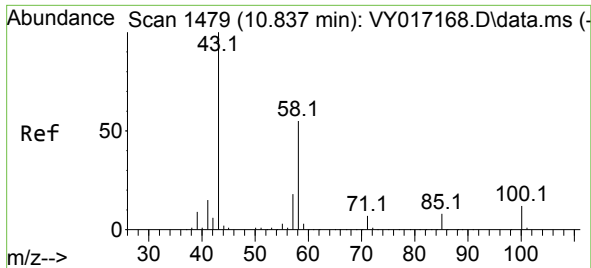
Tgt Ion: 63 Resp: 61312

Ion Ratio Lower Upper

63 100

106 27.4 22.4 33.6

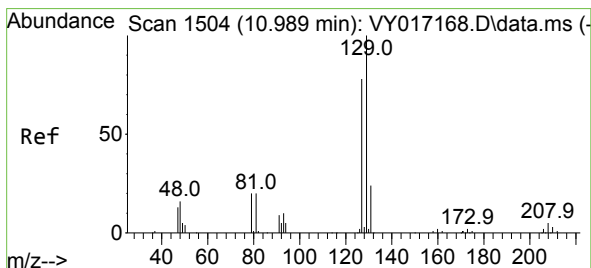
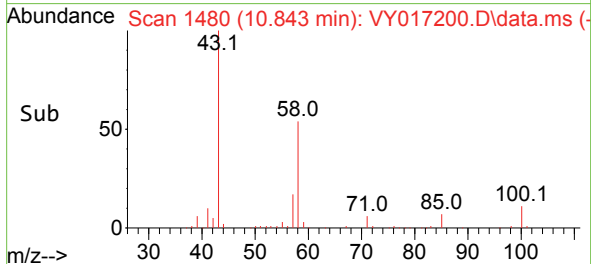
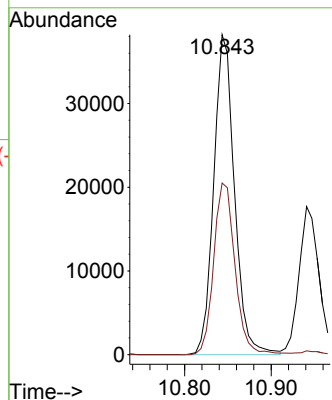
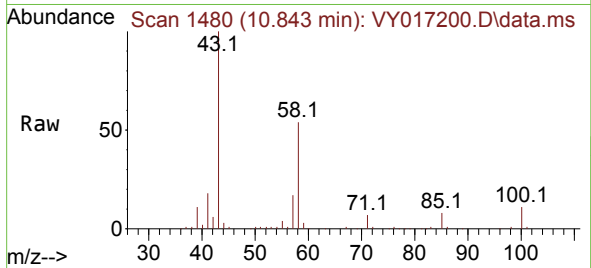




#59
2-Hexanone
Concen: 99.326 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.007 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

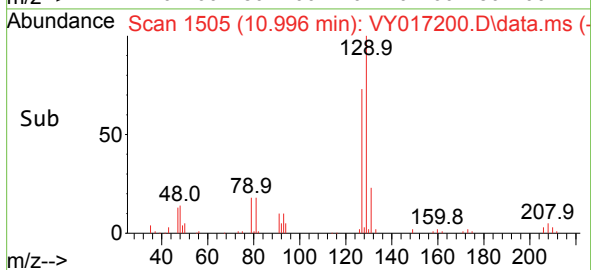
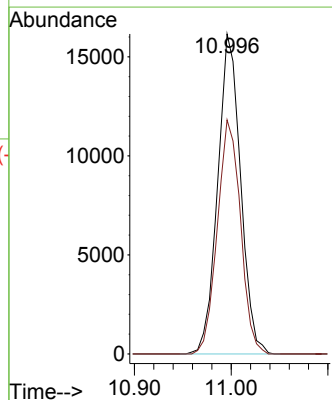
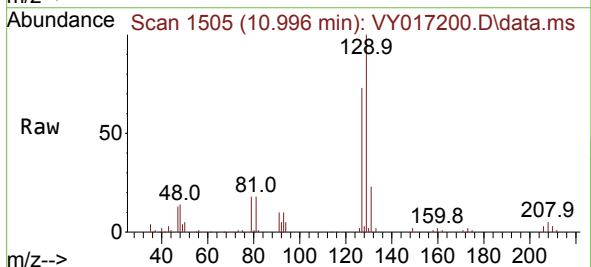
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBSD02

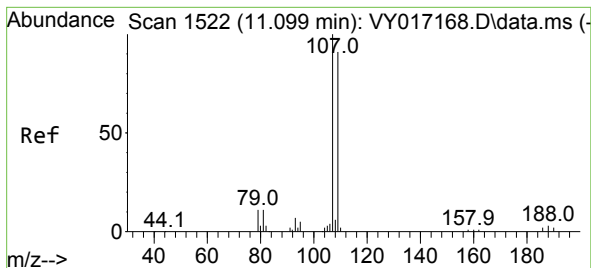
Tgt Ion: 43 Resp: 63579
Ion Ratio Lower Upper
43 100
58 55.3 28.1 84.3



#60
Dibromochloromethane
Concen: 21.805 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.007 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

Tgt Ion: 129 Resp: 26524
Ion Ratio Lower Upper
129 100
127 74.0 39.2 117.6

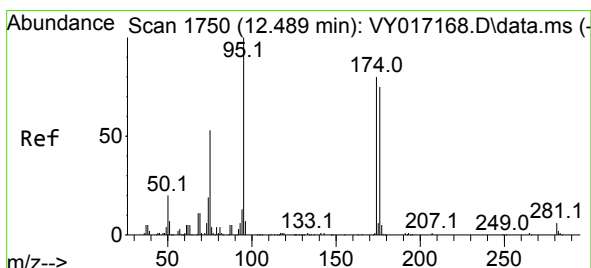
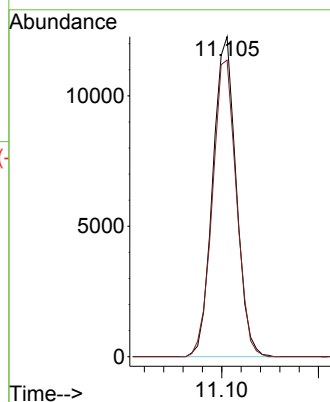
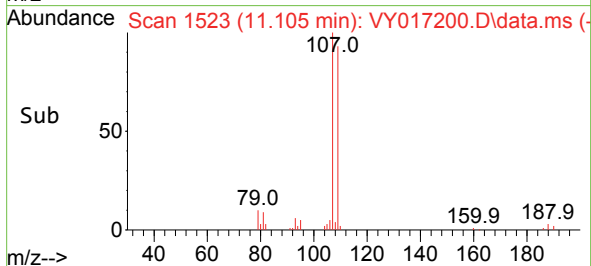
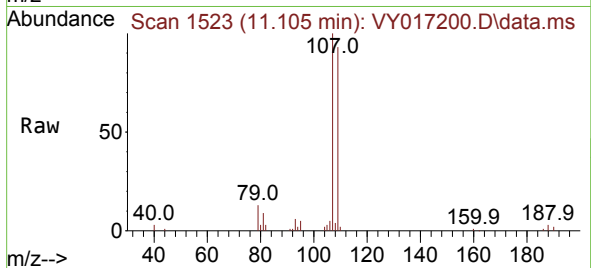




#61
1,2-Dibromoethane
Concen: 21.297 ug/l
RT: 11.105 min Scan# 1523
Delta R.T. 0.007 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

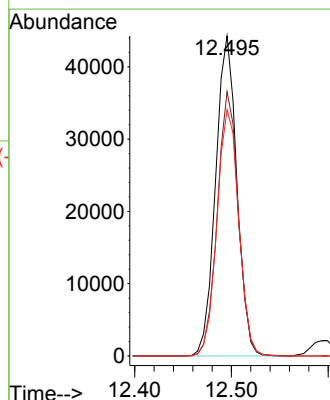
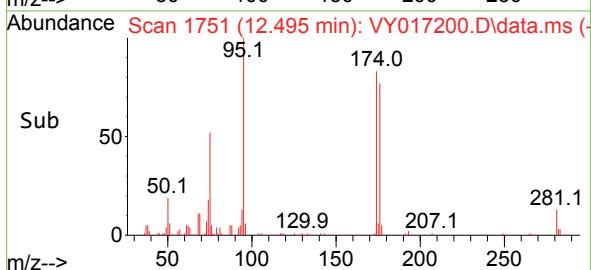
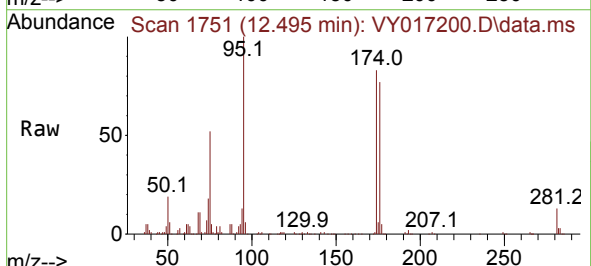
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBSD02

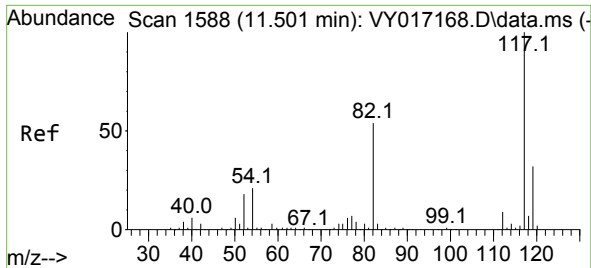
Tgt Ion:107 Resp: 20537
Ion Ratio Lower Upper
107 100
109 95.2 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 48.434 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.007 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

Tgt Ion: 95 Resp: 67358
Ion Ratio Lower Upper
95 100
174 81.9 0.0 160.0
176 78.7 0.0 151.8

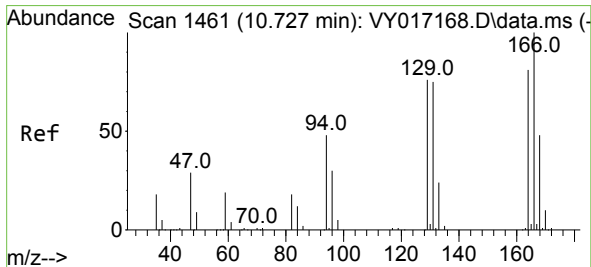
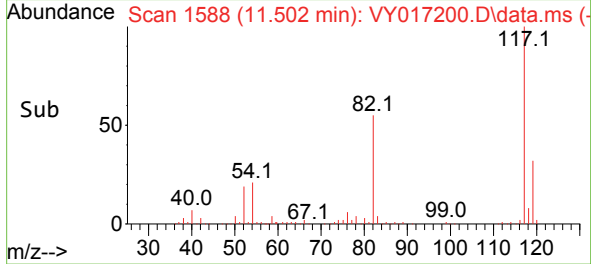
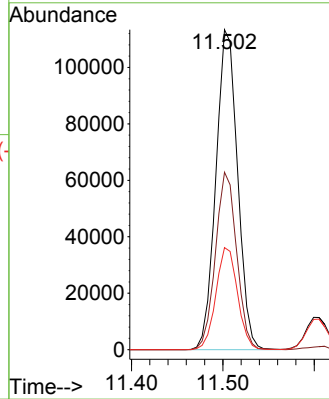
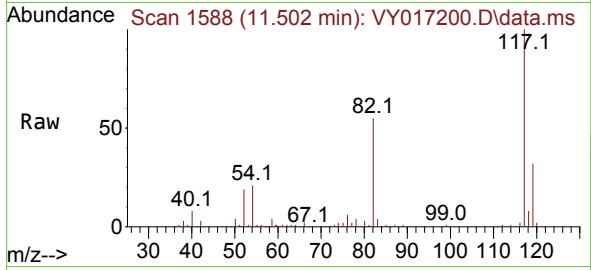




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

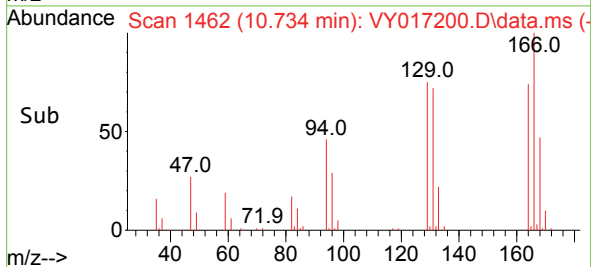
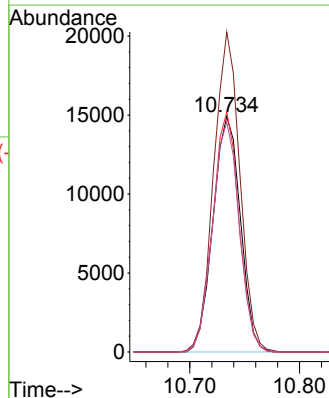
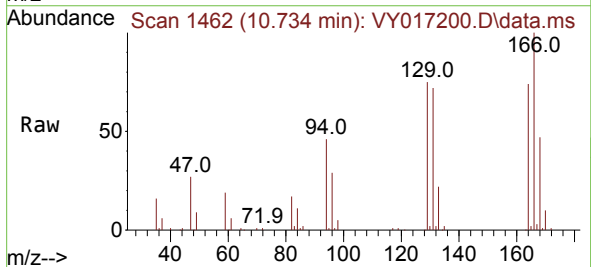
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBS02

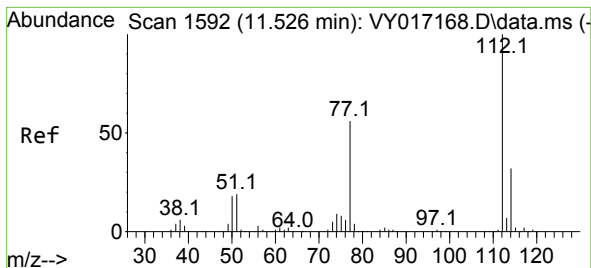
Tgt Ion:117 Resp: 187109
Ion Ratio Lower Upper
117 100
82 55.5 43.8 65.8
119 31.9 26.5 39.7



#64
Tetrachloroethene
Concen: 21.203 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. 0.007 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

Tgt Ion:164 Resp: 25765
Ion Ratio Lower Upper
164 100
166 136.0 98.8 148.2
129 102.0 78.9 118.3
131 97.7 72.5 108.7





#65

Chlorobenzene

Concen: 21.113 ug/l

RT: 11.532 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

Instrument :

MSVOA_Y

ClientSampleId :

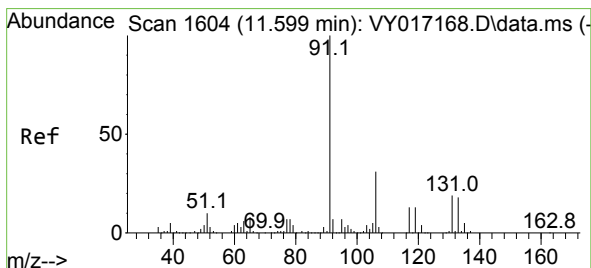
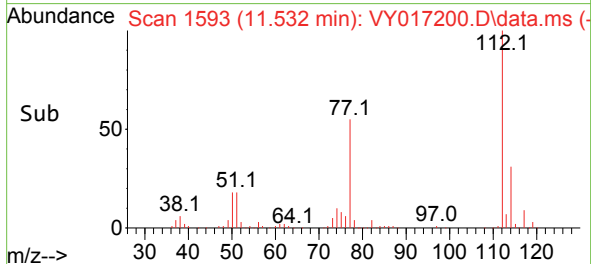
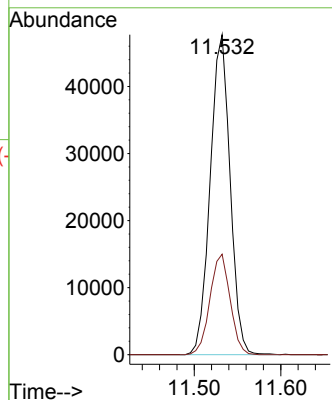
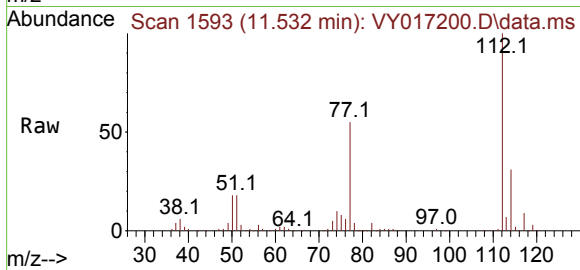
VY0202SBSD02

Tgt Ion:112 Resp: 76205

Ion Ratio Lower Upper

112 100

114 31.4 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 20.847 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.007 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

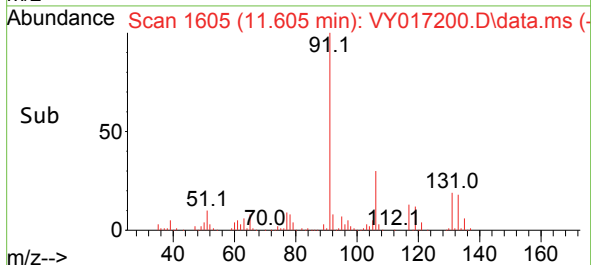
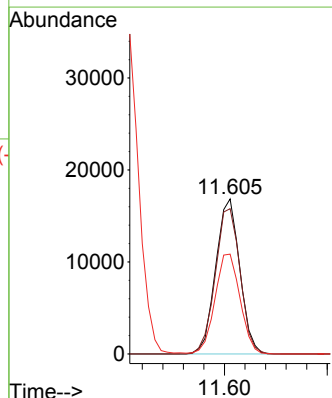
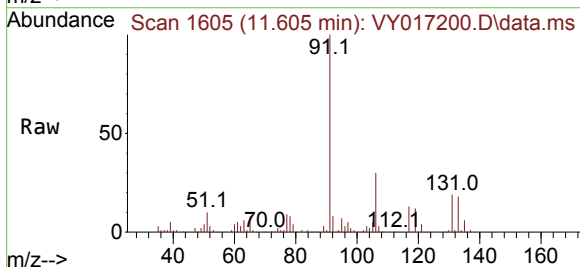
Tgt Ion:131 Resp: 27346

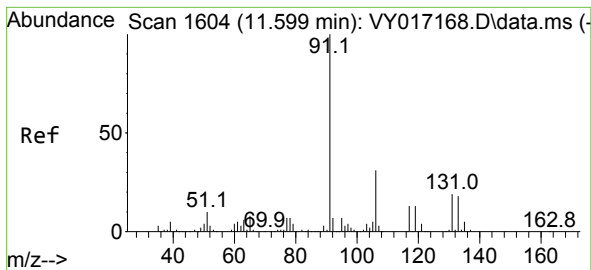
Ion Ratio Lower Upper

131 100

133 96.7 47.0 141.0

119 67.2 33.3 99.9





#67

Ethyl Benzene

Concen: 20.515 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

Instrument :

MSVOA_Y

ClientSampleId :

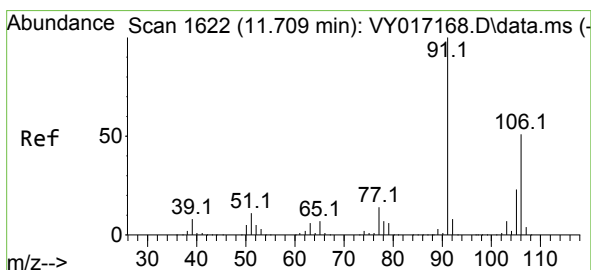
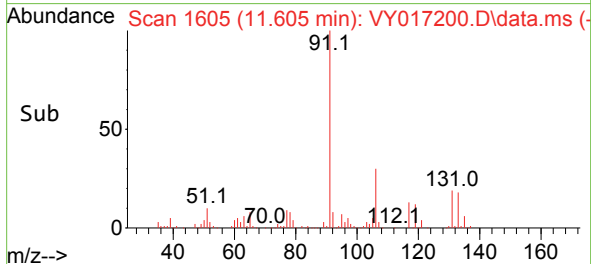
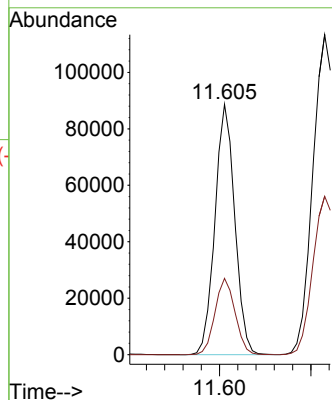
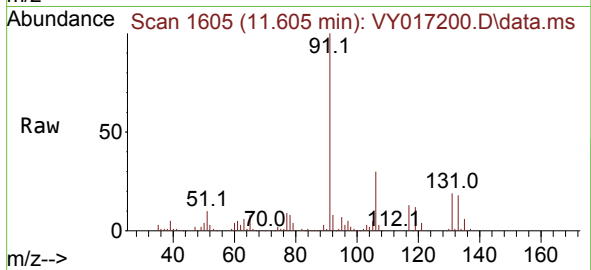
VY0202SBSD02

Tgt Ion: 91 Resp: 133828

Ion Ratio Lower Upper

91 100

106 30.5 25.0 37.4



#68

m/p-Xylenes

Concen: 41.668 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.007 min

Lab File: VY017200.D

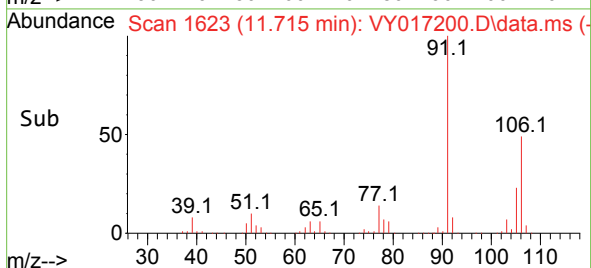
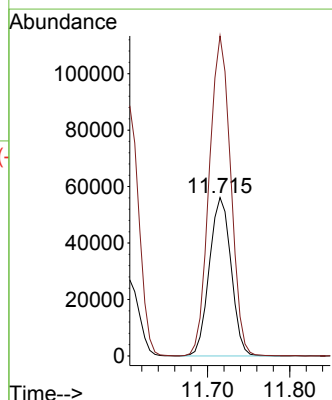
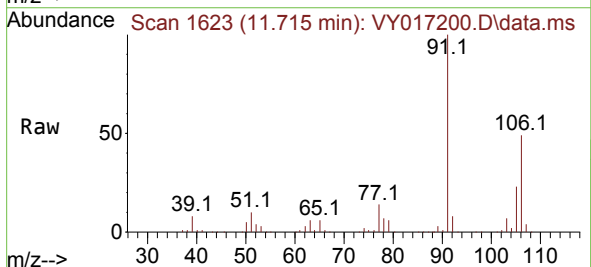
Acq: 02 Feb 2024 22:59

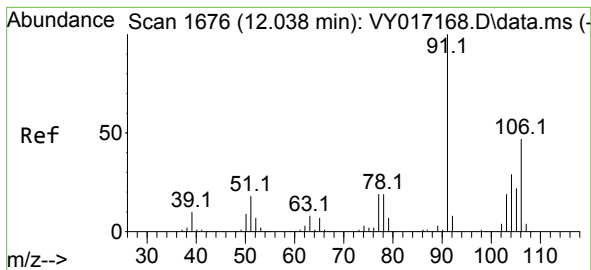
Tgt Ion:106 Resp: 103154

Ion Ratio Lower Upper

106 100

91 199.5 160.7 241.1





#69

o-Xylene

Concen: 21.072 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

Instrument :

MSVOA_Y

ClientSampleId :

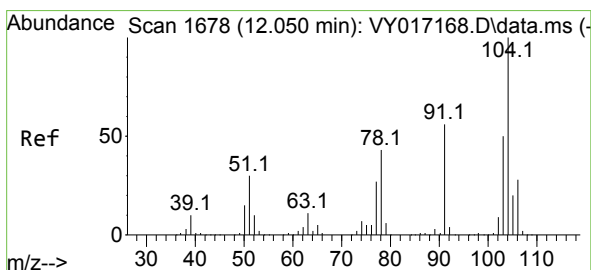
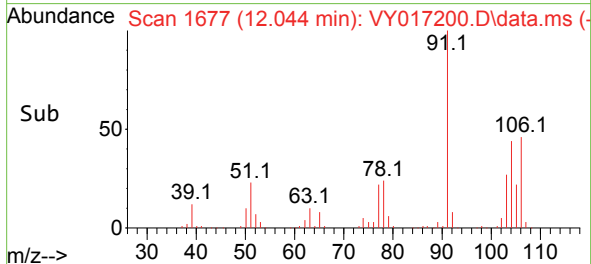
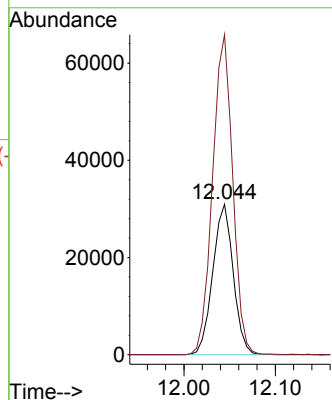
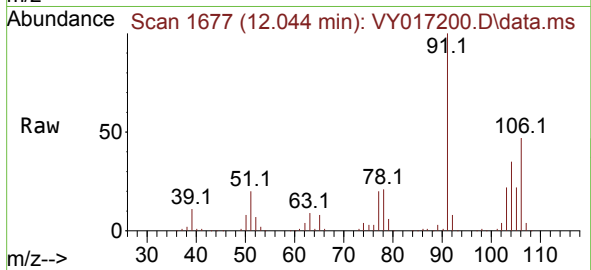
VY0202SBS02

Tgt Ion:106 Resp: 48039

Ion Ratio Lower Upper

106 100

91 209.8 106.5 319.5



#70

Styrene

Concen: 20.899 ug/l

RT: 12.057 min Scan# 1679

Delta R.T. 0.007 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

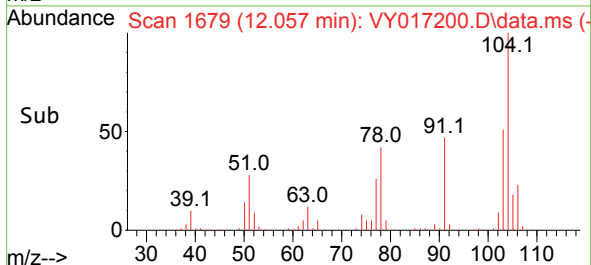
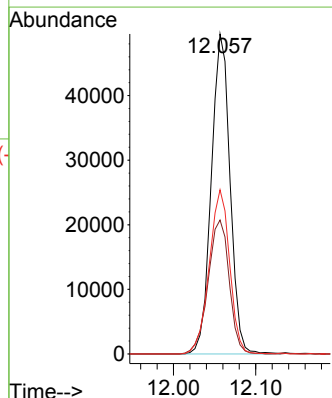
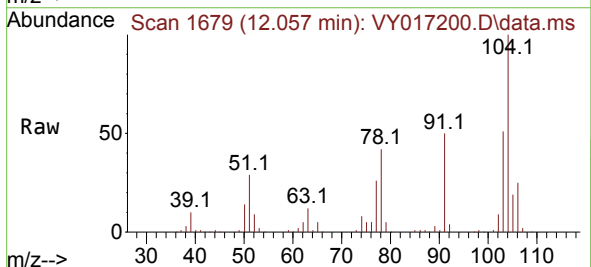
Tgt Ion:104 Resp: 78501

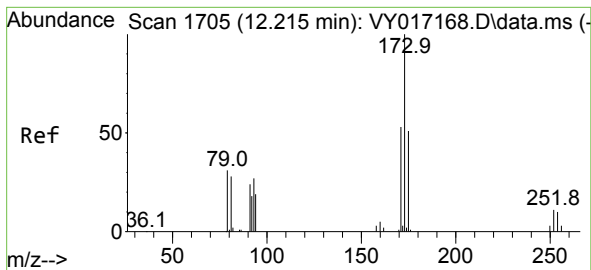
Ion Ratio Lower Upper

104 100

78 47.2 39.2 58.8

103 55.8 43.8 65.6





#71

Bromoform

Concen: 21.108 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0202SBS02

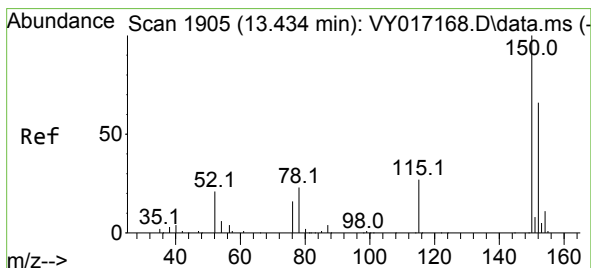
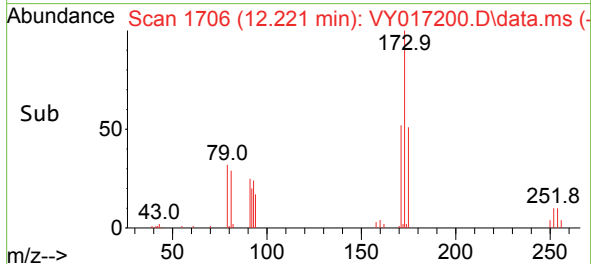
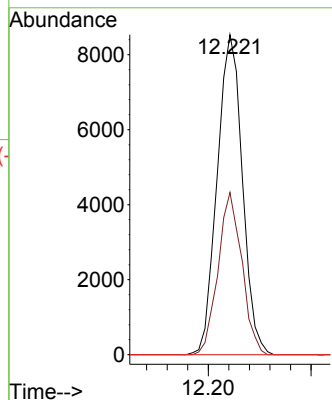
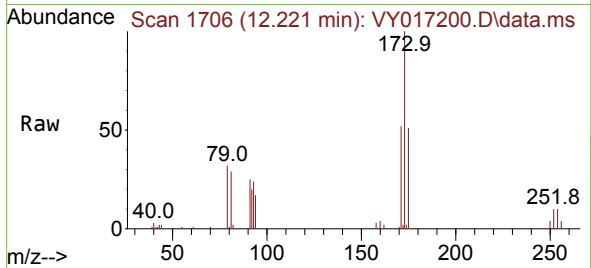
Tgt Ion:173 Resp: 14500

Ion Ratio Lower Upper

173 100

175 47.9 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.007 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

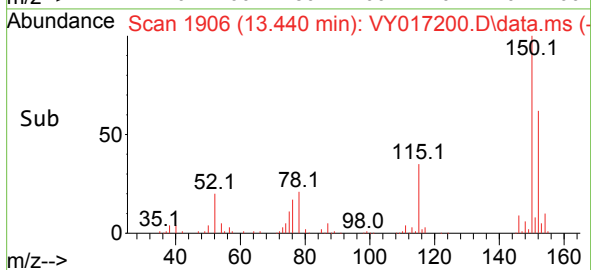
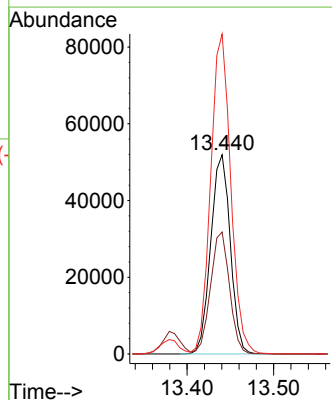
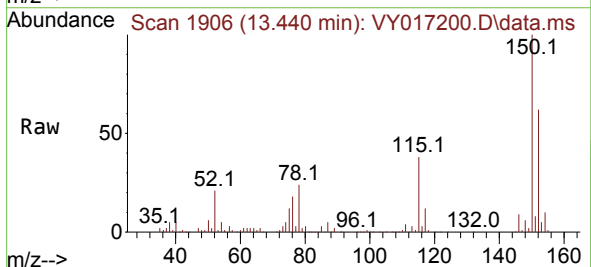
Tgt Ion:152 Resp: 81335

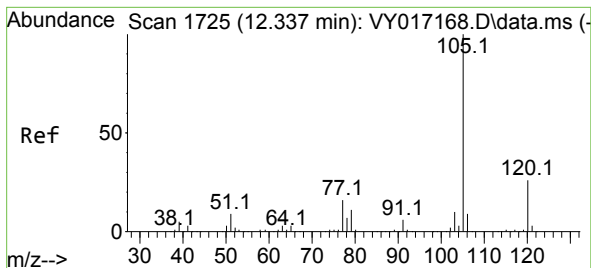
Ion Ratio Lower Upper

152 100

115 59.8 30.0 90.0

150 164.7 0.0 344.6





#73

Isopropylbenzene

Concen: 20.732 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

Instrument :

MSVOA_Y

ClientSampleId :

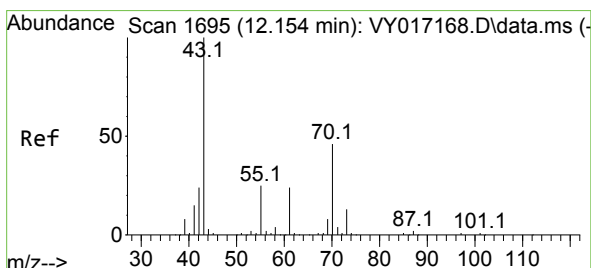
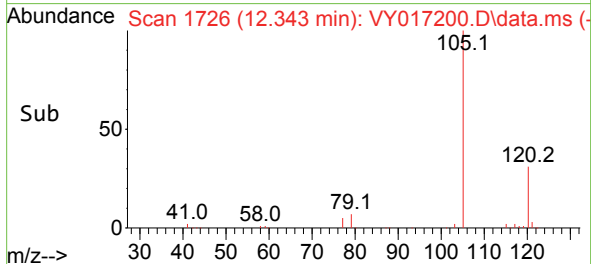
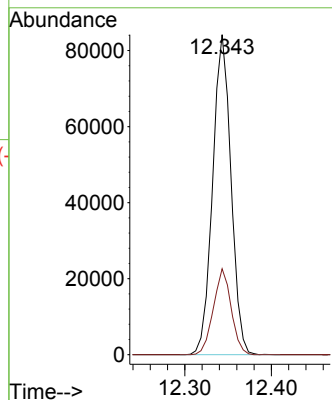
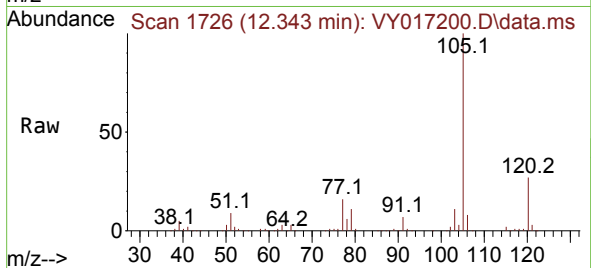
VY0202SBS02

Tgt Ion:105 Resp: 123877

Ion Ratio Lower Upper

105 100

120 26.1 13.0 39.0



#74

N-ethyl acetate

Concen: 21.120 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

Tgt Ion: 43 Resp: 28356

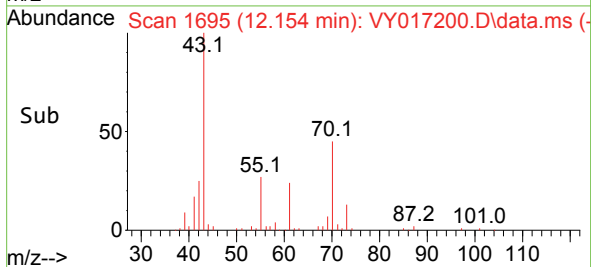
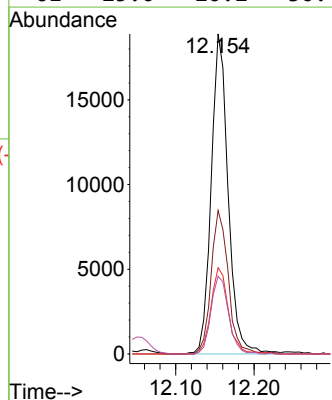
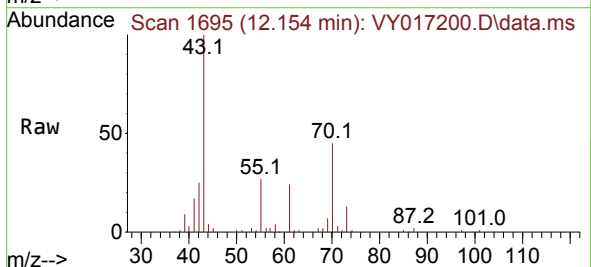
Ion Ratio Lower Upper

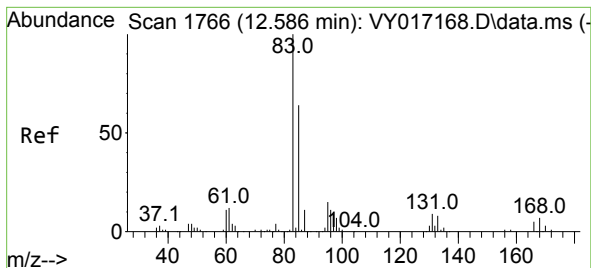
43 100

70 45.5 36.6 55.0

55 27.8 22.2 33.4

61 25.0 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.220 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.007 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0202SBSD02

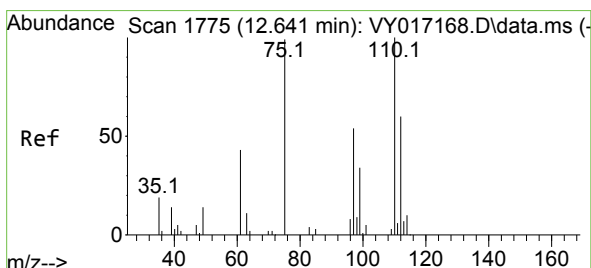
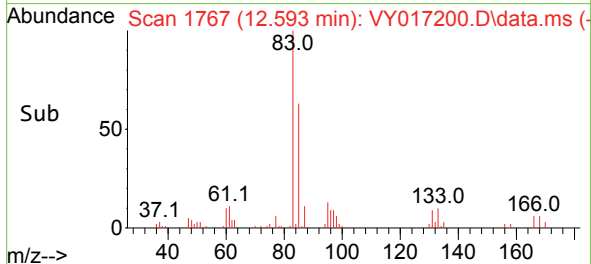
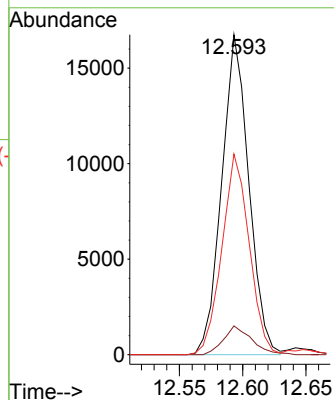
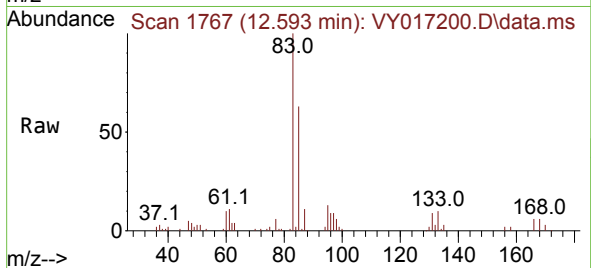
Tgt Ion: 83 Resp: 24938

Ion Ratio Lower Upper

83 100

131 9.4 4.9 14.6

85 63.2 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 39.830 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.007 min

Lab File: VY017200.D

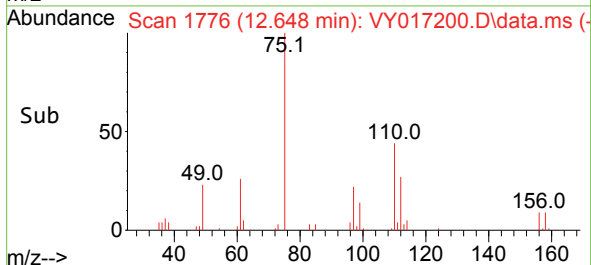
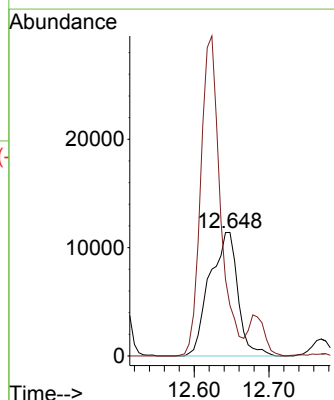
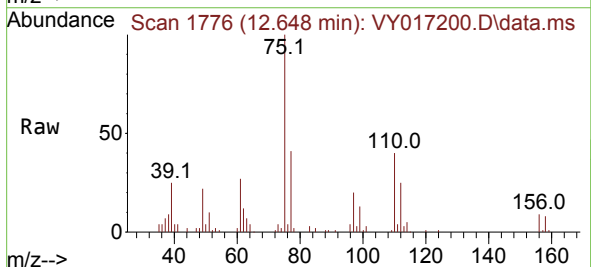
Acq: 02 Feb 2024 22:59

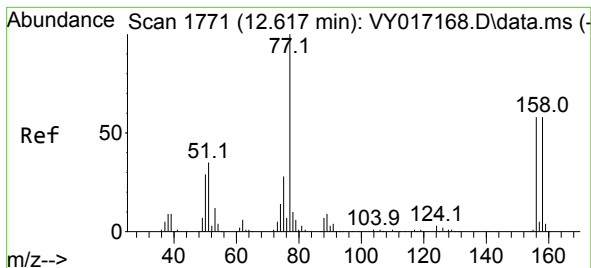
Tgt Ion: 75 Resp: 29901

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.101 ug/l

RT: 12.624 min Scan# 1771

Delta R.T. 0.007 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0202SBSD02

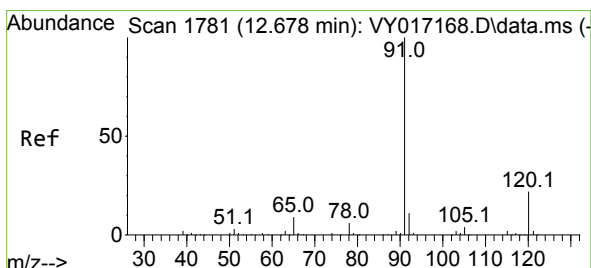
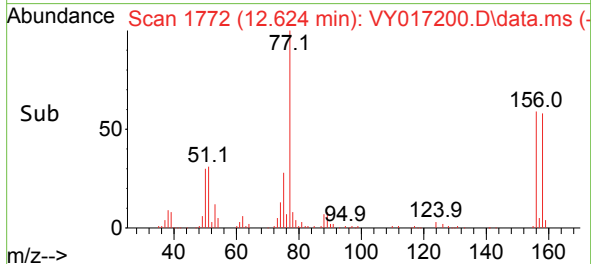
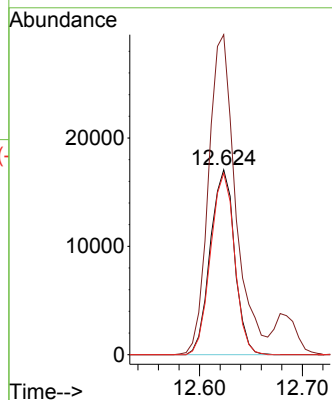
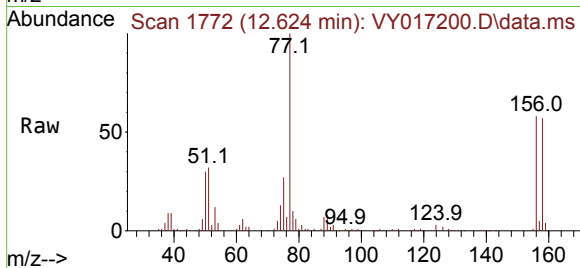
Tgt Ion:156 Resp: 27967

Ion Ratio Lower Upper

156 100

77 193.3 97.3 291.8

158 96.8 48.4 145.0



#78

n-propylbenzene

Concen: 20.986 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.007 min

Lab File: VY017200.D

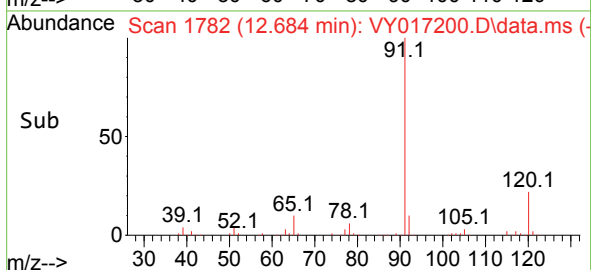
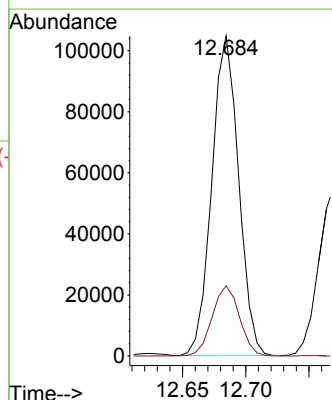
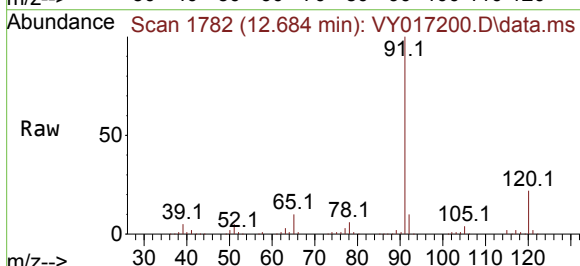
Acq: 02 Feb 2024 22:59

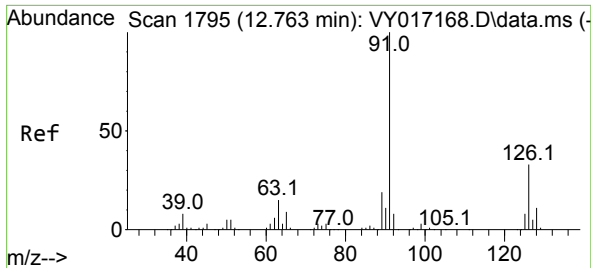
Tgt Ion: 91 Resp: 154004

Ion Ratio Lower Upper

91 100

120 22.3 11.0 33.0

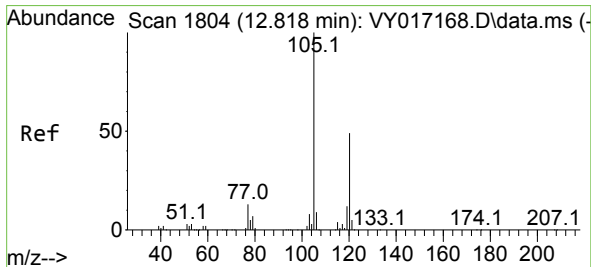
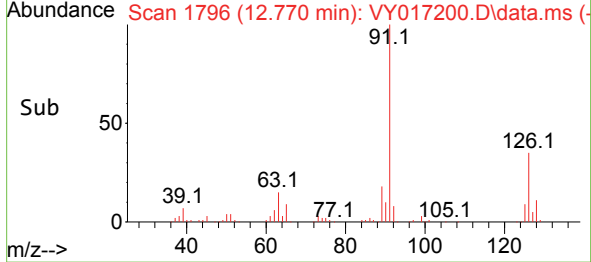
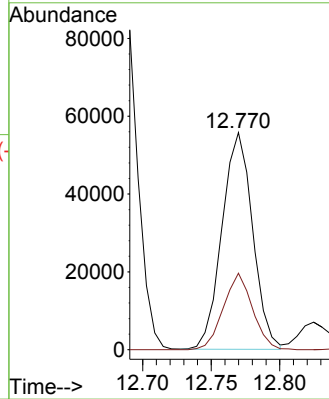
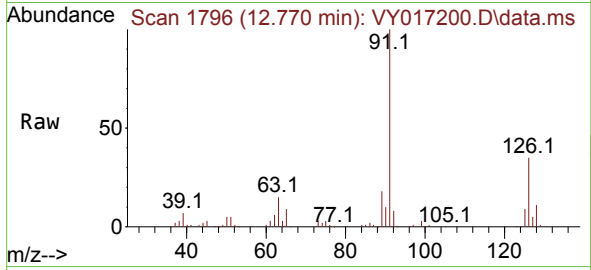




#79
2-Chlorotoluene
Concen: 21.519 ug/l
RT: 12.770 min Scan# 1795
Delta R.T. 0.007 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

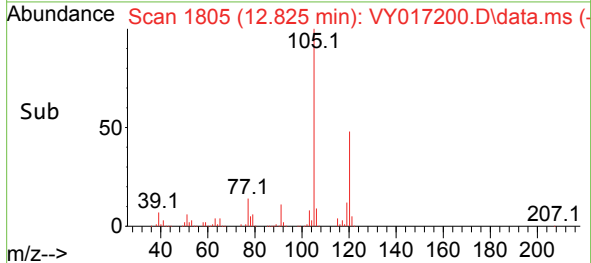
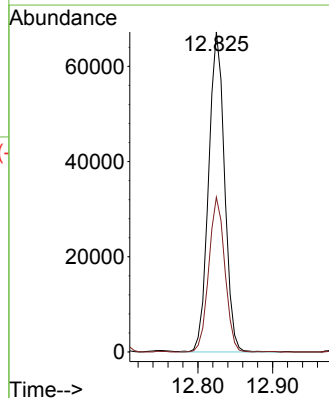
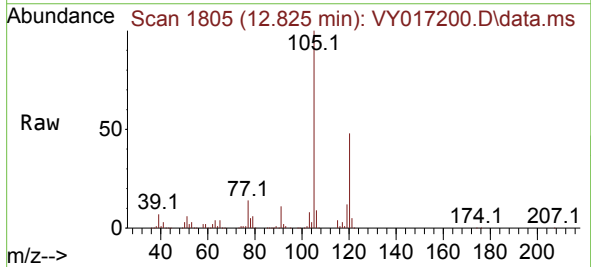
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBS02

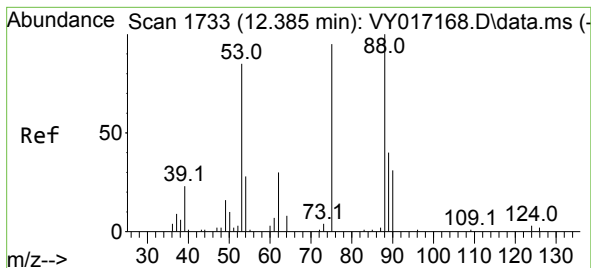
Tgt Ion: 91 Resp: 86818
Ion Ratio Lower Upper
91 100
126 33.4 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.936 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.007 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

Tgt Ion: 105 Resp: 99490
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.8

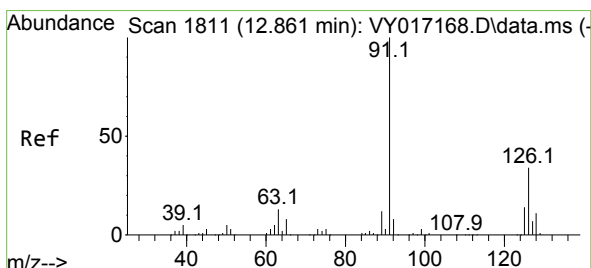
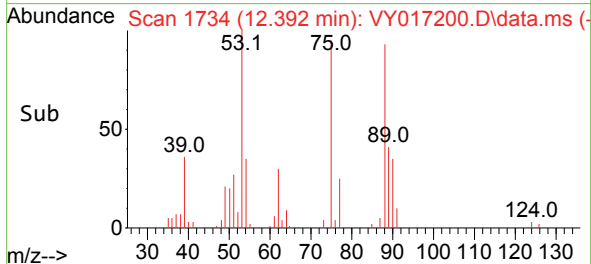
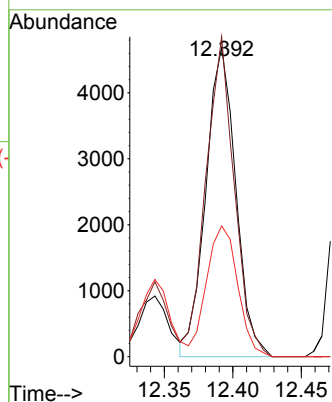
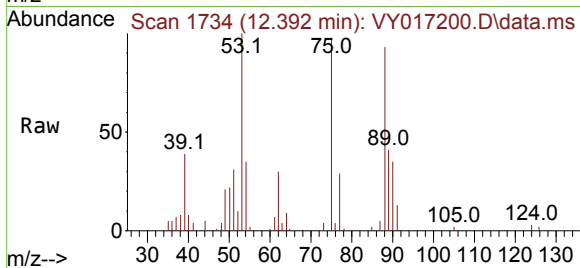




#81
trans-1,4-Dichloro-2-butene
Concen: 19.688 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.007 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

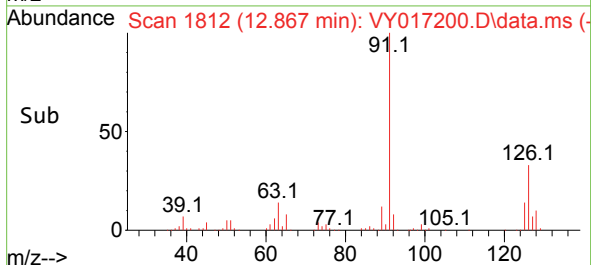
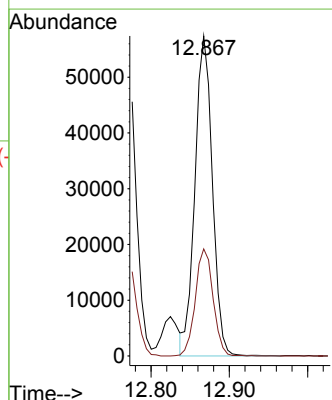
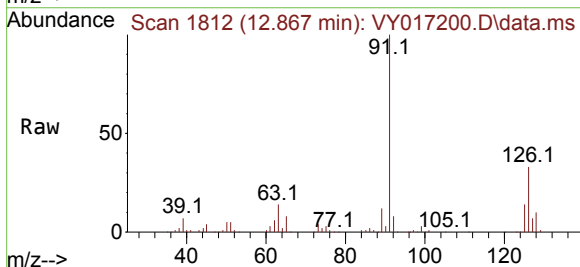
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBS02

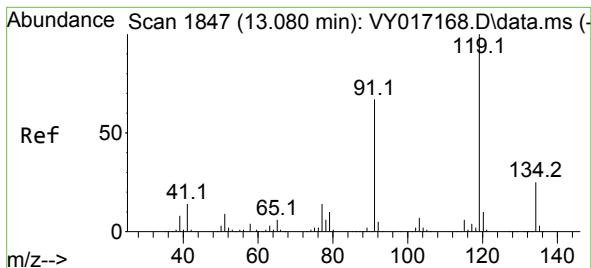
Tgt Ion: 75 Resp: 7113
Ion Ratio Lower Upper
75 100
53 97.8 74.0 111.0
89 43.8 36.5 54.7



#82
4-Chlorotoluene
Concen: 21.418 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.007 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

Tgt Ion: 91 Resp: 88934
Ion Ratio Lower Upper
91 100
126 34.1 17.1 51.2





#83

tert-Butylbenzene

Concen: 20.917 ug/l

RT: 13.087 min Scan# 1847

Delta R.T. 0.007 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0202SBSD02

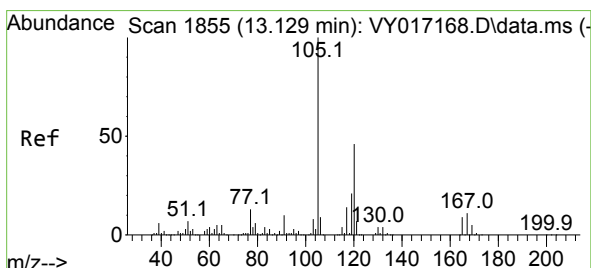
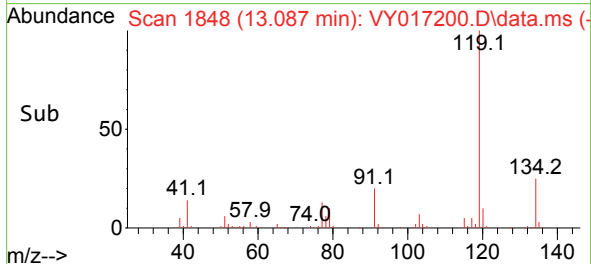
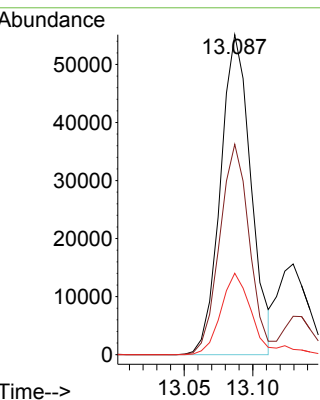
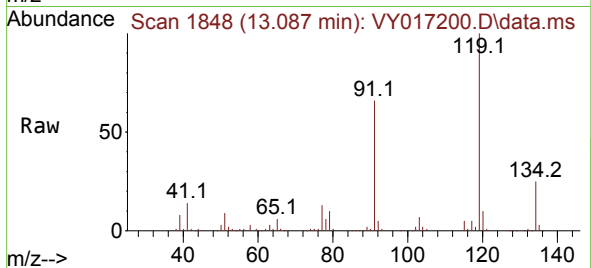
Tgt Ion:119 Resp: 85203

Ion Ratio Lower Upper

119 100

91 64.9 31.5 94.5

134 26.6 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 20.883 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY017200.D

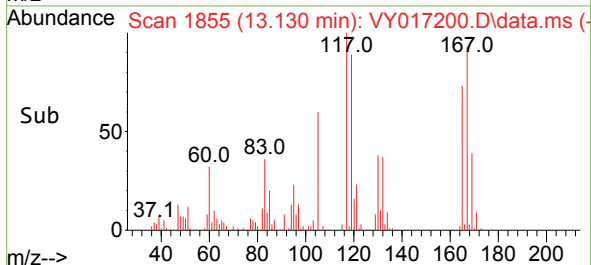
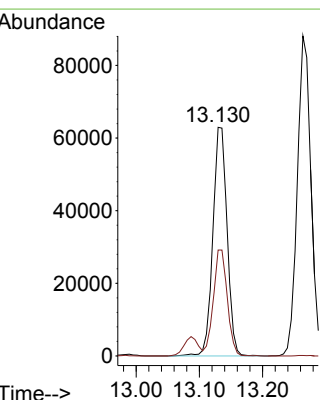
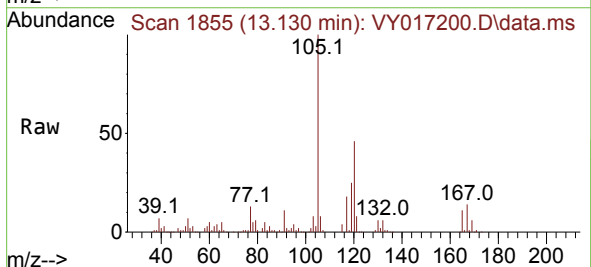
Acq: 02 Feb 2024 22:59

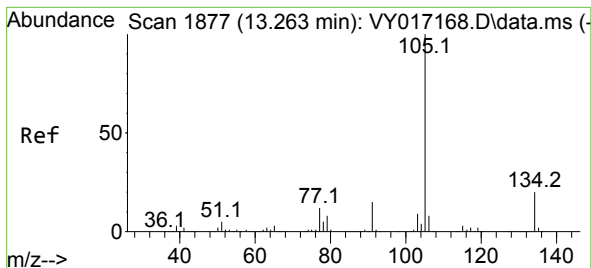
Tgt Ion:105 Resp: 97954

Ion Ratio Lower Upper

105 100

120 45.4 22.1 66.3





#85

sec-Butylbenzene

Concen: 20.499 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

Instrument :

MSVOA_Y

ClientSampleId :

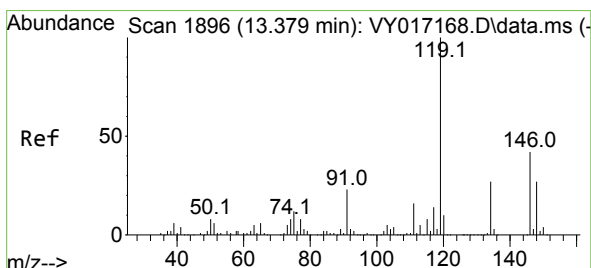
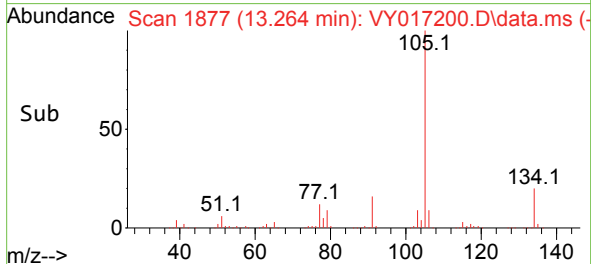
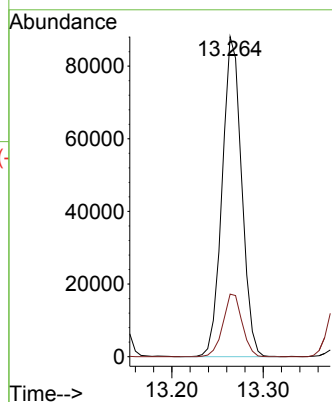
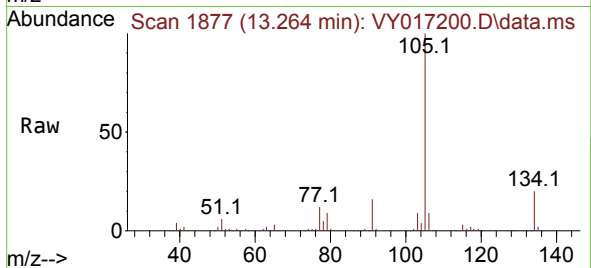
VY0202SBSD02

Tgt Ion:105 Resp: 130506

Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 20.470 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

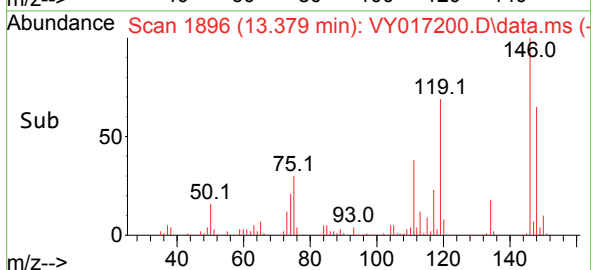
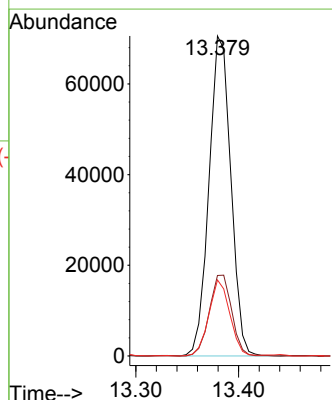
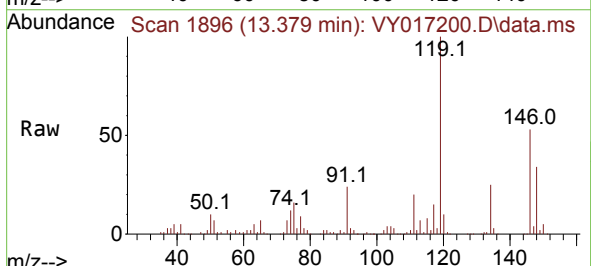
Tgt Ion:119 Resp: 104143

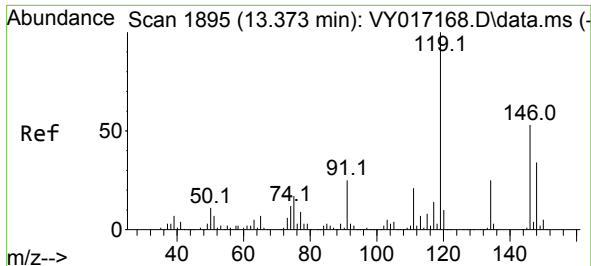
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.1

91 22.9 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 20.889 ug/l

RT: 13.379 min Scan# 1895

Delta R.T. 0.007 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0202SBSD02

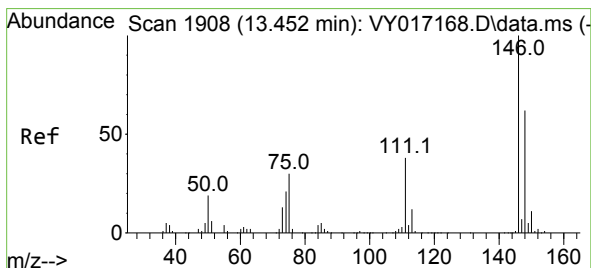
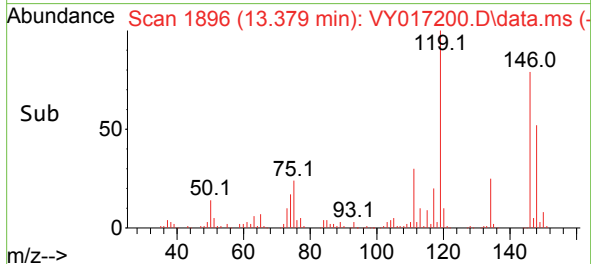
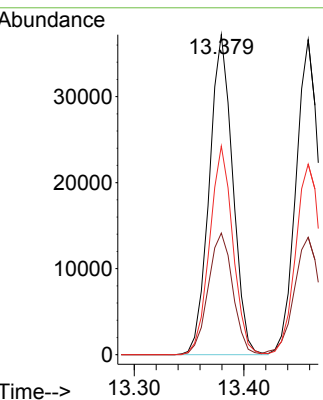
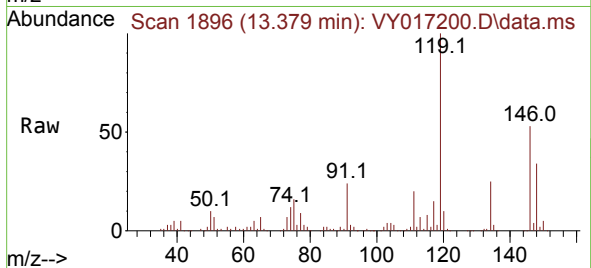
Tgt Ion:146 Resp: 55230

Ion Ratio Lower Upper

146 100

111 39.9 20.2 60.5

148 64.7 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 21.381 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.007 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

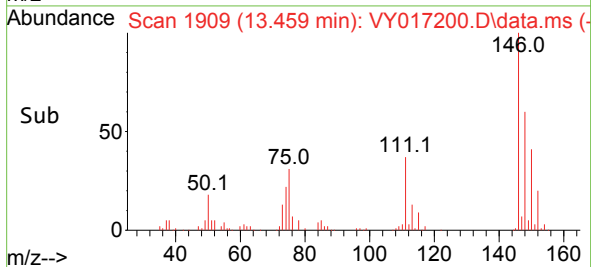
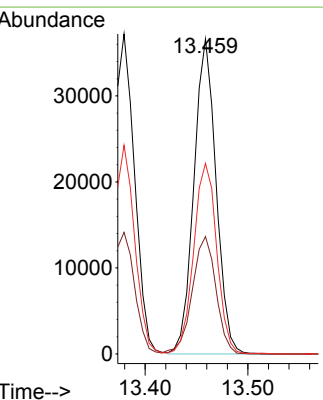
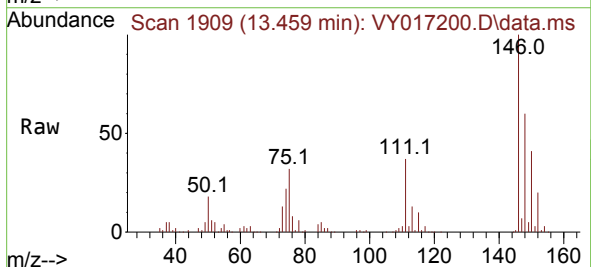
Tgt Ion:146 Resp: 54923

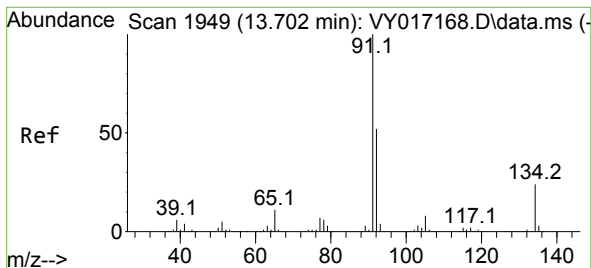
Ion Ratio Lower Upper

146 100

111 39.9 19.3 57.9

148 63.1 31.6 94.7





#89

n-Butylbenzene

Concen: 20.112 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.007 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0202SBS02

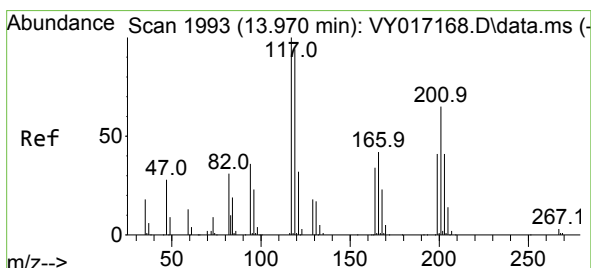
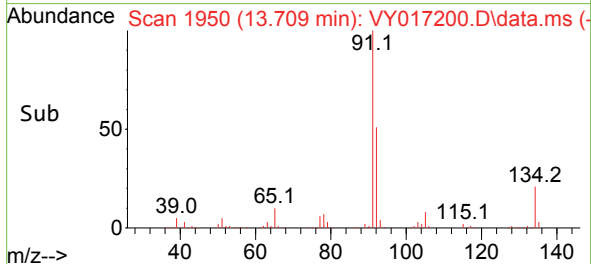
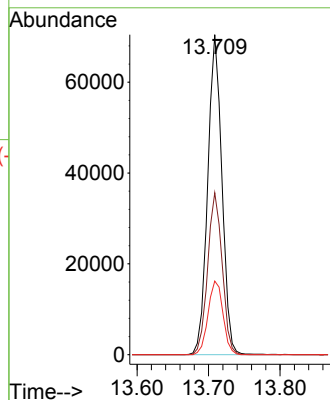
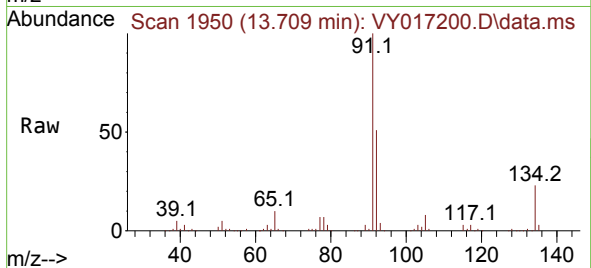
Tgt Ion: 91 Resp: 97286

Ion Ratio Lower Upper

91 100

92 51.6 26.4 79.2

134 24.1 12.3 36.8



#90

Hexachloroethane

Concen: 20.656 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY017200.D

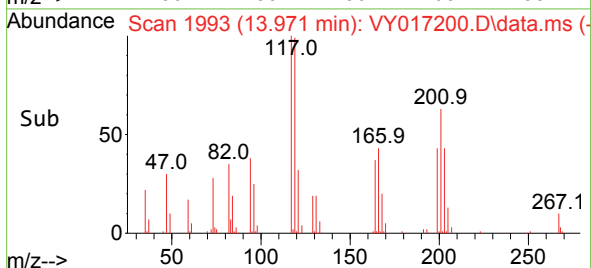
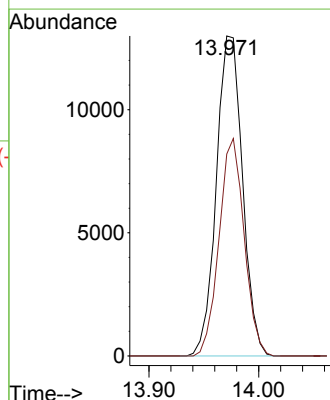
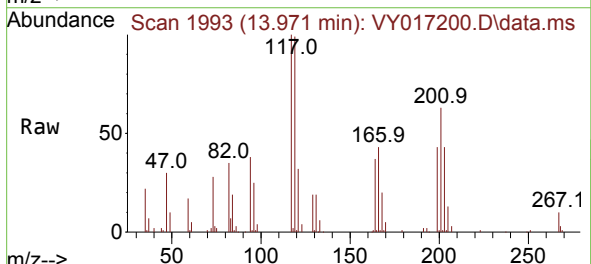
Acq: 02 Feb 2024 22:59

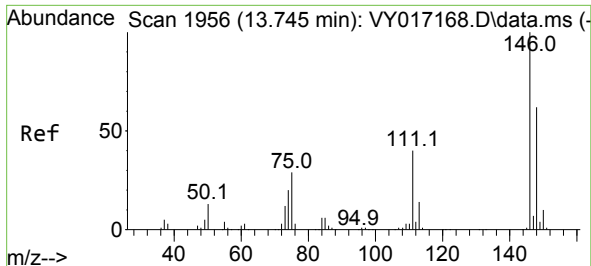
Tgt Ion: 117 Resp: 21574

Ion Ratio Lower Upper

117 100

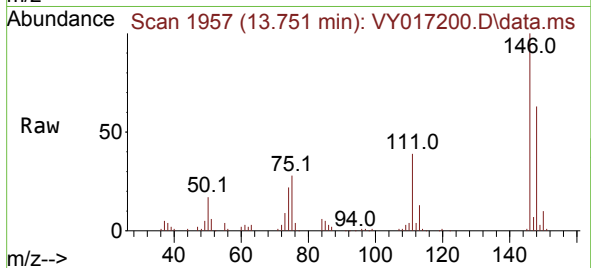
201 65.2 33.4 100.1



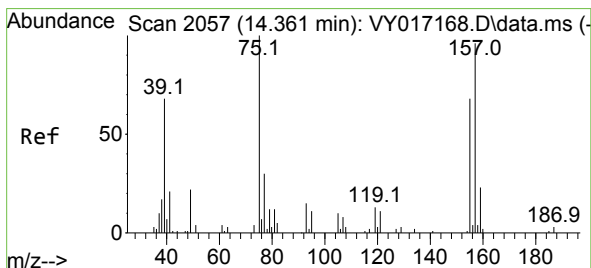
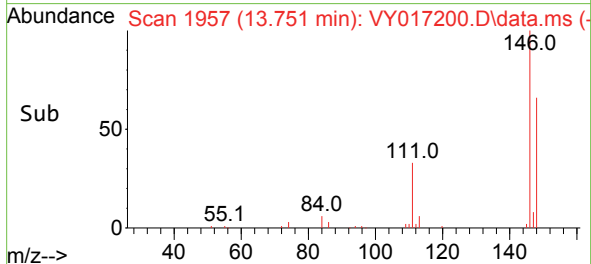
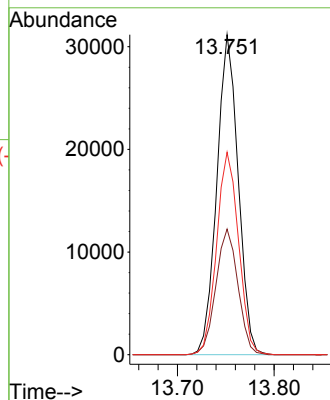


#91
1,2-Dichlorobenzene
Concen: 21.237 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. 0.007 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBSD02

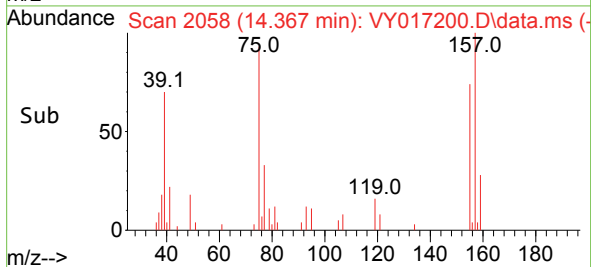
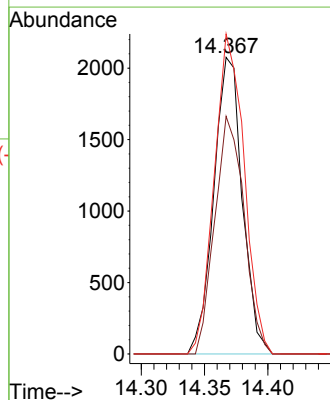
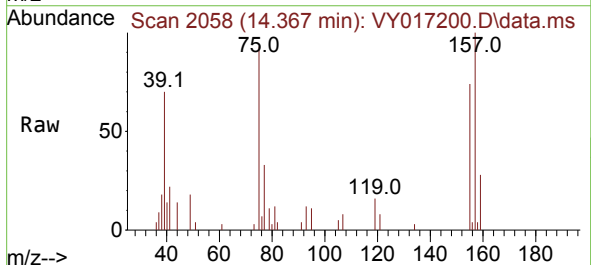


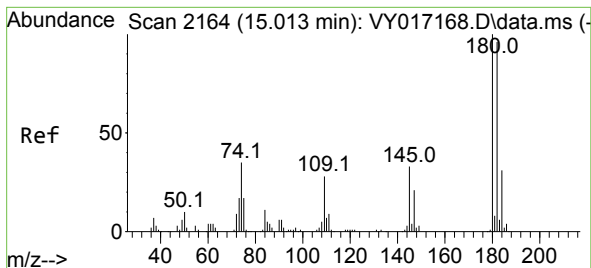
Tgt Ion:146 Resp: 47802
Ion Ratio Lower Upper
146 100
111 40.6 20.5 61.6
148 64.9 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.244 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.007 min
Lab File: VY017200.D
Acq: 02 Feb 2024 22:59

Tgt Ion: 75 Resp: 3252
Ion Ratio Lower Upper
75 100
155 82.2 42.1 126.3
157 113.0 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 20.984 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.007 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0202SBS02

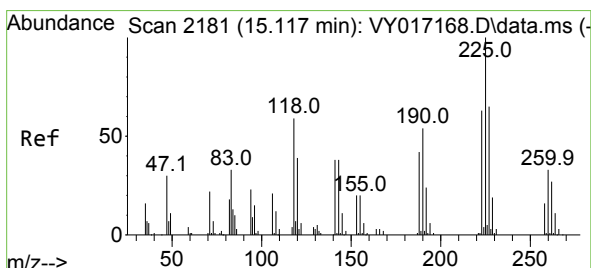
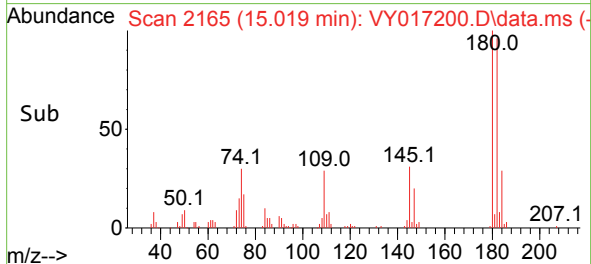
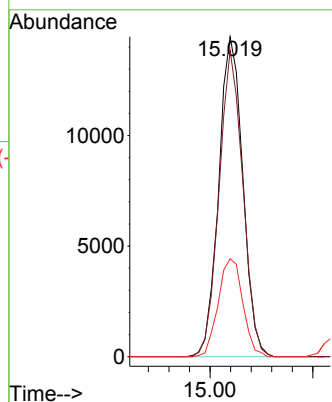
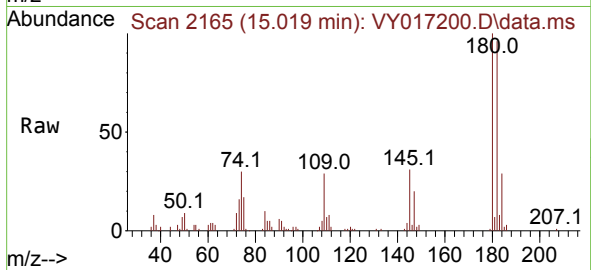
Tgt Ion:180 Resp: 23461

Ion Ratio Lower Upper

180 100

182 94.4 47.9 143.7

145 31.3 15.9 47.7



#94

Hexachlorobutadiene

Concen: 20.368 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.007 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

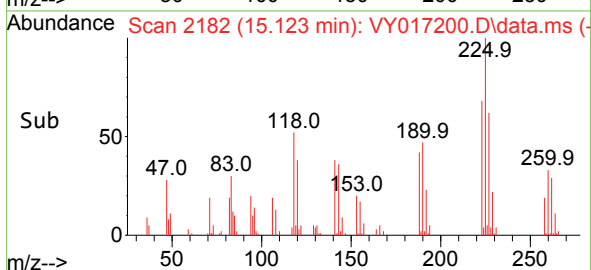
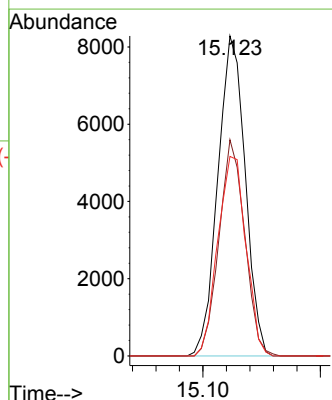
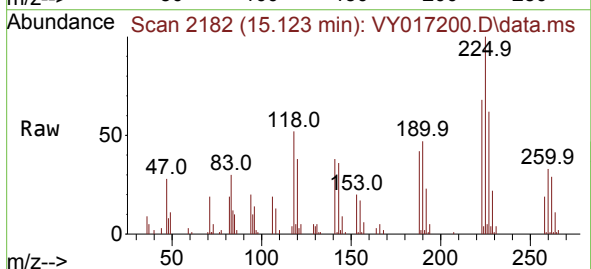
Tgt Ion:225 Resp: 13412

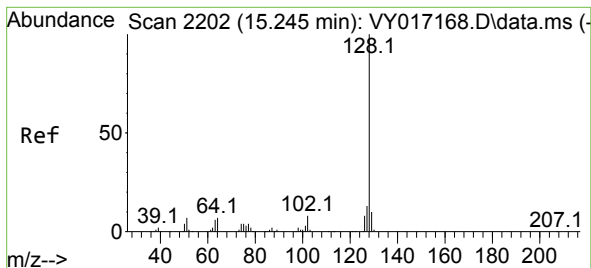
Ion Ratio Lower Upper

225 100

223 63.4 31.4 94.3

227 64.0 32.3 96.8





#95

Naphthalene

Concen: 21.528 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0202SBSD02

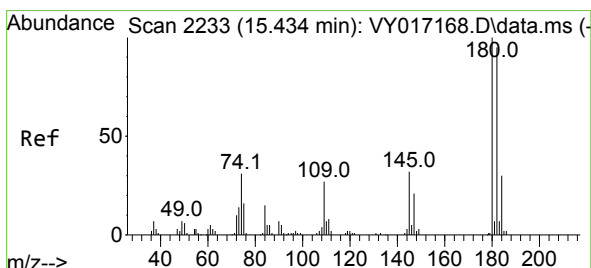
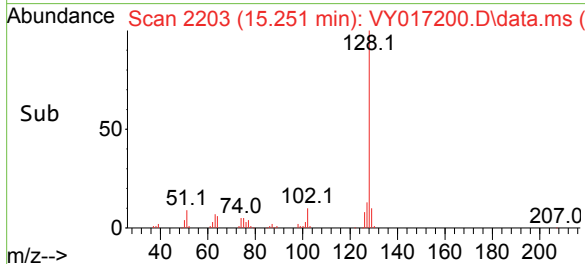
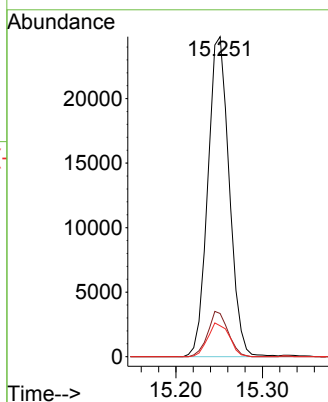
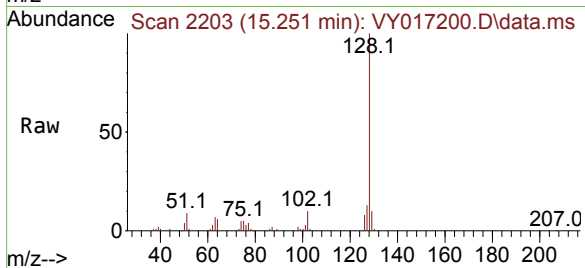
Tgt Ion:128 Resp: 42513

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

129 10.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.868 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.007 min

Lab File: VY017200.D

Acq: 02 Feb 2024 22:59

Tgt Ion:180 Resp: 19843

Ion Ratio Lower Upper

180 100

182 96.5 46.3 138.8

145 30.8 16.1 48.2

