

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017199.D
 Acq On : 02 Feb 2024 22:13
 Operator : SY/MD
 Sample : VY0202SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0202SBS02

Quant Time: Feb 02 23:39:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	112409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	201157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	173672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	74840	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	55927	55.693	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.380%	
35) Dibromofluoromethane	7.734	113	57769	53.188	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.380%	
50) Toluene-d8	10.191	98	216600	54.773	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.540%	
62) 4-Bromofluorobenzene	12.489	95	67398	52.028	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	18892	22.170	ug/l	96
3) Chloromethane	2.119	50	35119	22.941	ug/l	98
4) Vinyl Chloride	2.253	62	39198	21.012	ug/l	98
5) Bromomethane	2.649	94	29525	22.832	ug/l	99
6) Chloroethane	2.796	64	25341	21.038	ug/l	97
7) Trichlorofluoromethane	3.131	101	38541	20.091	ug/l	99
8) Diethyl Ether	3.539	74	12513	20.738	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.911	101	23036	19.810	ug/l	99
10) Methyl Iodide	4.106	142	23451	19.183	ug/l	99
11) Tert butyl alcohol	4.972	59	9553	103.351	ug/l	96
12) 1,1-Dichloroethene	3.887	96	23002	21.111	ug/l	97
13) Acrolein	3.741	56	9290	104.849	ug/l	98
14) Allyl chloride	4.490	41	35541	21.576	ug/l	99
15) Acrylonitrile	5.179	53	28795	105.991	ug/l	100
16) Acetone	3.960	43	26526	89.874	ug/l	96
17) Carbon Disulfide	4.204	76	73896	21.246	ug/l	100
18) Methyl Acetate	4.484	43	13371	20.308	ug/l	100
19) Methyl tert-butyl Ether	5.234	73	53417	20.356	ug/l	95
20) Methylene Chloride	4.728	84	31457	24.216	ug/l	97
21) trans-1,2-Dichloroethene	5.234	96	27206	21.949	ug/l	96
22) Diisopropyl ether	6.136	45	79396	21.949	ug/l	95
23) Vinyl Acetate	6.075	43	229148	104.546	ug/l	100
24) 1,1-Dichloroethane	6.027	63	48951	22.090	ug/l	97
25) 2-Butanone	6.996	43	38438	97.966	ug/l	98
26) 2,2-Dichloropropane	6.996	77	35481	19.250	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	29734	21.448	ug/l	98
28) Bromochloromethane	7.344	49	16692	19.673	ug/l	99
29) Tetrahydrofuran	7.362	42	22980	103.680	ug/l	98
30) Chloroform	7.514	83	49796	22.338	ug/l	96
31) Cyclohexane	7.795	56	38844	19.191	ug/l	96
32) 1,1,1-Trichloroethane	7.709	97	40186	20.958	ug/l	98
36) 1,1-Dichloropropene	7.929	75	36668	19.572	ug/l	99
37) Ethyl Acetate	7.087	43	16845	19.386	ug/l	99
38) Carbon Tetrachloride	7.917	117	34187	19.059	ug/l	99
39) Methylcyclohexane	9.197	83	38500	17.590	ug/l	98
40) Benzene	8.173	78	112721	21.069	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	7827	19.011	ug/l	90
42) 1,2-Dichloroethane	8.246	62	29356	20.724	ug/l	99
43) Isopropyl Acetate	8.282	43	29794	19.369	ug/l	98
44) Trichloroethene	8.947	130	27995	20.613	ug/l	96
45) 1,2-Dichloropropane	9.227	63	27480	20.911	ug/l	98
46) Dibromomethane	9.313	93	14624	20.601	ug/l	99
47) Bromodichloromethane	9.508	83	37169	20.922	ug/l	99
48) Methyl methacrylate	9.307	41	13540	18.766	ug/l	97
49) 1,4-Dioxane	9.300	88	3008	389.308	ug/l	94
51) 4-Methyl-2-Pentanone	10.081	43	78362	95.036	ug/l	100
52) Toluene	10.258	92	67032	20.757	ug/l	99
53) t-1,3-Dichloropropene	10.477	75	32670	19.578	ug/l	96
54) cis-1,3-Dichloropropene	9.941	75	39998	20.012	ug/l	99
55) 1,1,2-Trichloroethane	10.654	97	20372	21.093	ug/l	95
56) Ethyl methacrylate	10.520	69	21985	18.906	ug/l	99
57) 1,3-Dichloropropane	10.800	76	33922	20.420	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.794	63	59323	98.594	ug/l	97
59) 2-Hexanone	10.843	43	54096	90.729	ug/l	98
60) Dibromochloromethane	10.995	129	23254	20.524	ug/l	99
61) 1,2-Dibromoethane	11.099	107	18183	20.243	ug/l	98
64) Tetrachloroethene	10.727	164	24033	21.308	ug/l	97
65) Chlorobenzene	11.526	112	69151	20.641	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	25075	20.595	ug/l	99
67) Ethyl Benzene	11.605	91	121969	20.144	ug/l	100
68) m/p-Xylenes	11.709	106	93562	40.718	ug/l	100
69) o-Xylene	12.038	106	42924	20.285	ug/l	98
70) Styrene	12.056	104	71049	20.378	ug/l	98
71) Bromoform	12.221	173	12689	19.900	ug/l #	100
73) Isopropylbenzene	12.343	105	110529	20.103	ug/l	100
74) N-amyl acetate	12.154	43	23976	19.408	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	21957	20.305	ug/l	99
76) 1,2,3-Trichloropropane	12.641	75	26100	37.784	ug/l #	100
77) Bromobenzene	12.617	156	25426	20.849	ug/l	96
78) n-propylbenzene	12.684	91	138554	20.519	ug/l	99
79) 2-Chlorotoluene	12.769	91	77371	20.841	ug/l	100
80) 1,3,5-Trimethylbenzene	12.824	105	88629	20.269	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.385	75	6076	18.277	ug/l	96
82) 4-Chlorotoluene	12.867	91	79444	20.793	ug/l	98
83) tert-Butylbenzene	13.086	119	76201	20.330	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	87916	20.370	ug/l	98
85) sec-Butylbenzene	13.263	105	114806	19.598	ug/l	99
86) p-Isopropyltoluene	13.379	119	92820	19.828	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	48397	19.893	ug/l	99
88) 1,4-Dichlorobenzene	13.458	146	49058	20.756	ug/l	99
89) n-Butylbenzene	13.708	91	84874	19.069	ug/l	100
90) Hexachloroethane	13.970	117	19424	20.212	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	42797	20.664	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	2757	19.573	ug/l	96
93) 1,2,4-Trichlorobenzene	15.019	180	20362	19.793	ug/l	97
94) Hexachlorobutadiene	15.123	225	11638	19.208	ug/l	98
95) Naphthalene	15.245	128	34119	19.255	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	16645	19.024	ug/l	97

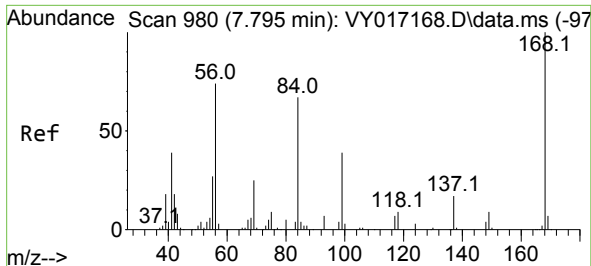
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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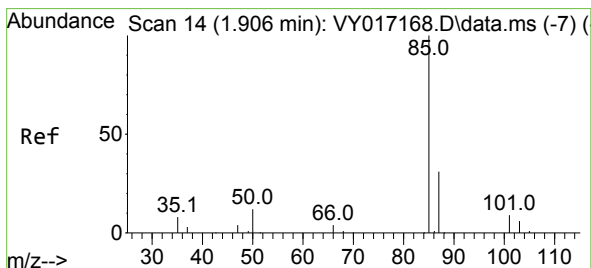
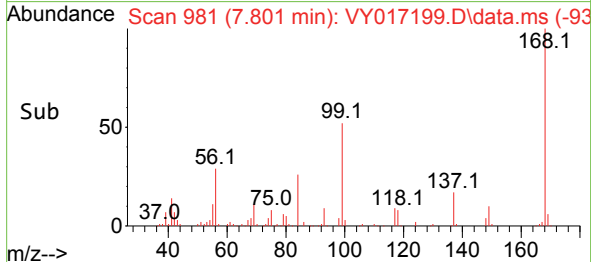
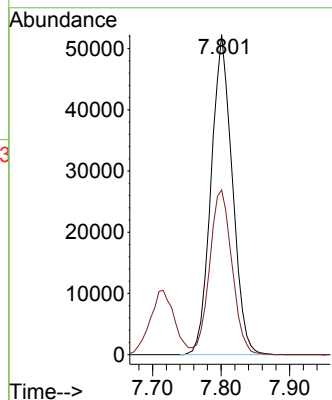
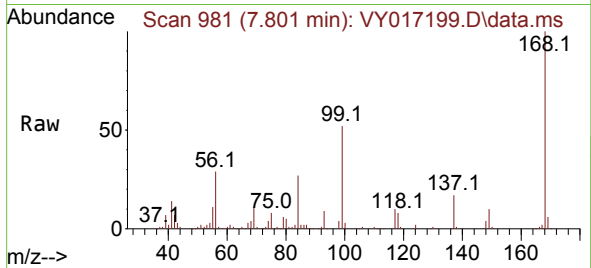
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

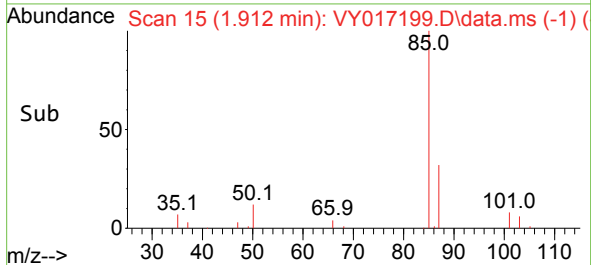
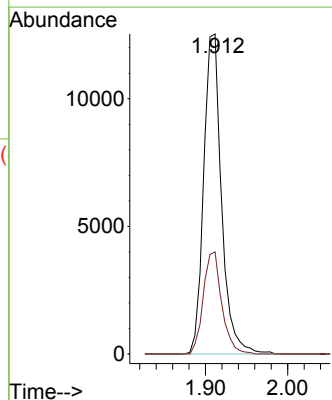
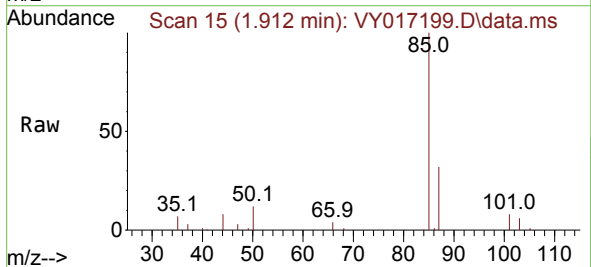
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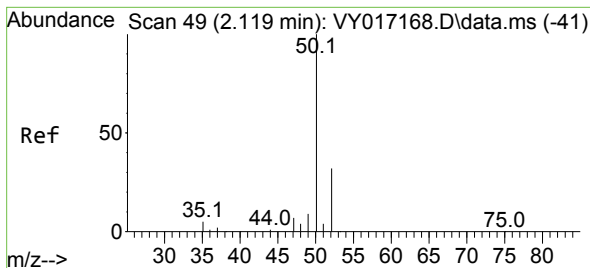
Tgt Ion:168 Resp: 112409
Ion Ratio Lower Upper
168 100
99 51.4 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 22.170 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

Tgt Ion: 85 Resp: 18892
Ion Ratio Lower Upper
85 100
87 31.9 17.1 51.3





#3

Chloromethane

Concen: 22.941 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY017199.D

Acq: 02 Feb 2024 22:13

Instrument :

MSVOA_Y

ClientSampleId :

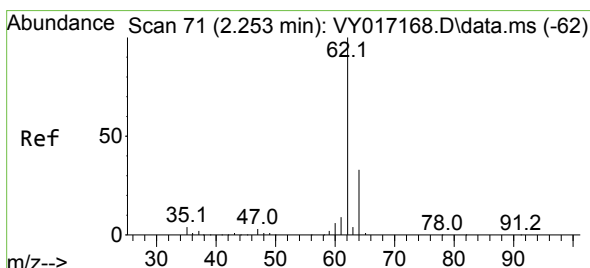
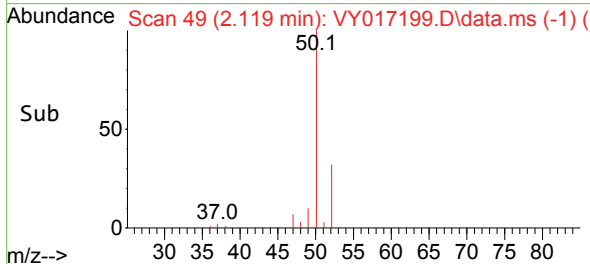
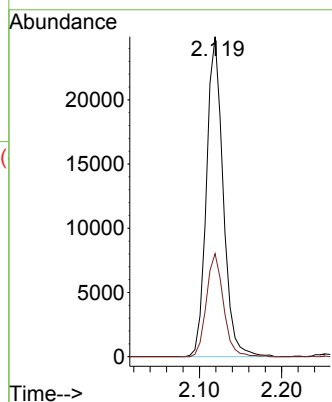
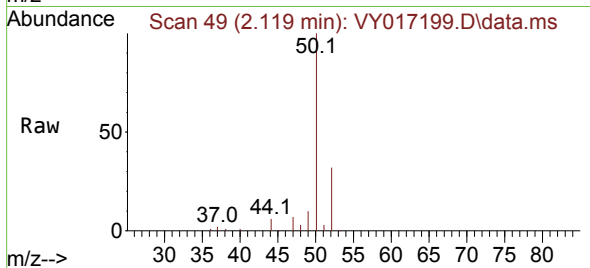
VY0202SBS02

Tgt Ion: 50 Resp: 35119

Ion Ratio Lower Upper

50 100

52 32.2 26.7 40.1



#4

Vinyl Chloride

Concen: 21.012 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY017199.D

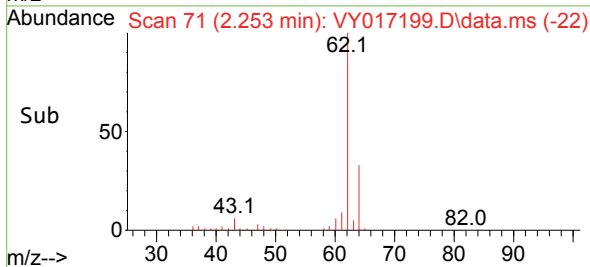
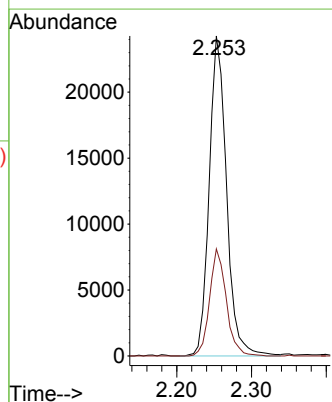
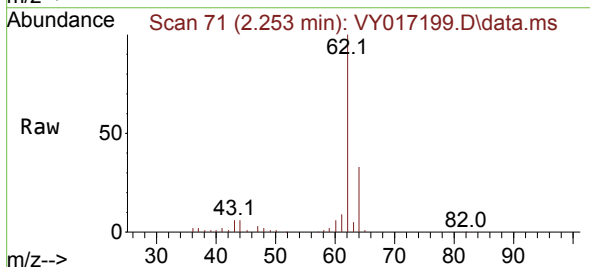
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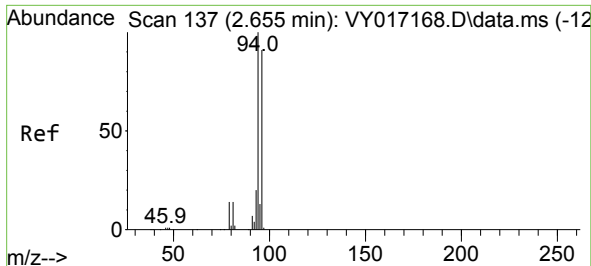
Tgt Ion: 62 Resp: 39198

Ion Ratio Lower Upper

62 100

64 33.5 25.7 38.5





#5

Bromomethane

Concen: 22.832 ug/l

RT: 2.649 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017199.D

Acq: 02 Feb 2024 22:13

Instrument :

MSVOA_Y

ClientSampleId :

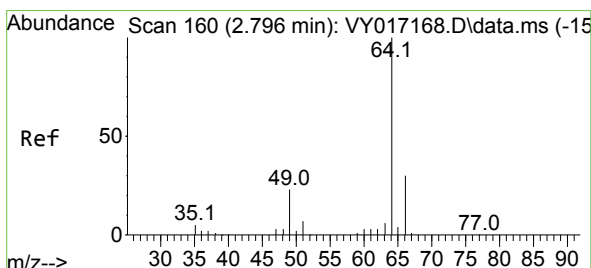
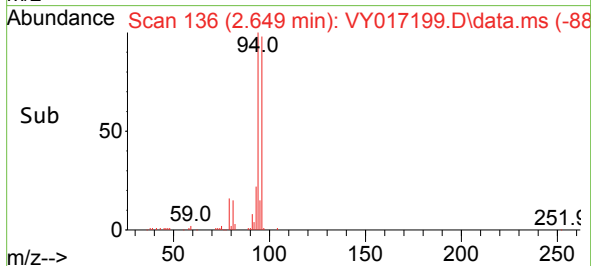
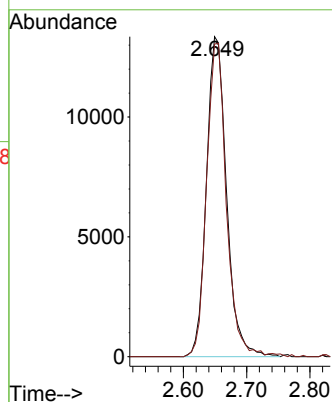
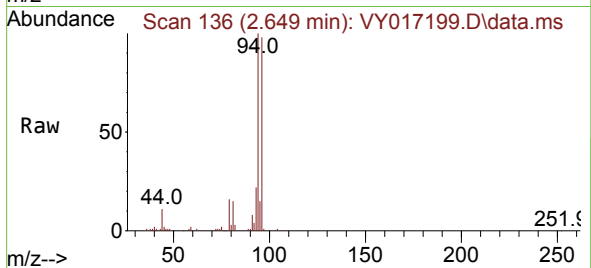
VY0202SBS02

Tgt Ion: 94 Resp: 29525

Ion Ratio Lower Upper

94 100

96 97.7 77.3 115.9



#6

Chloroethane

Concen: 21.038 ug/l

RT: 2.796 min Scan# 160

Delta R.T. -0.000 min

Lab File: VY017199.D

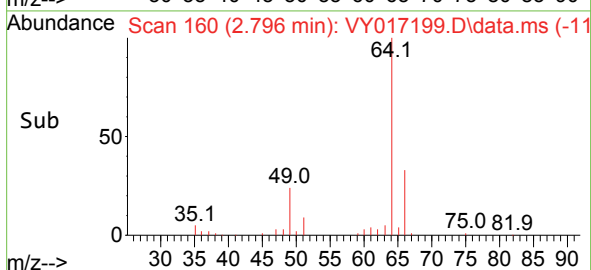
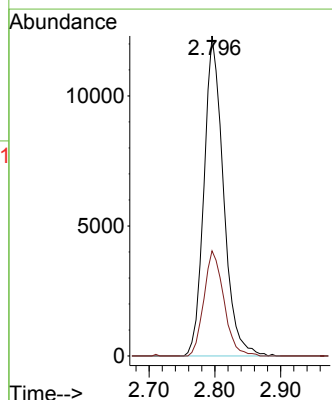
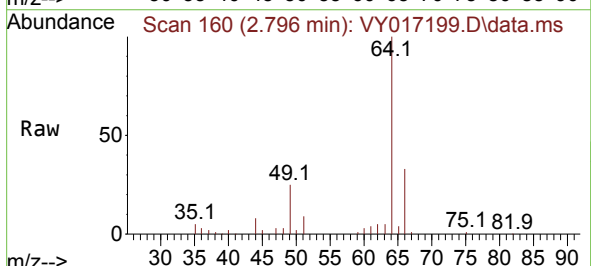
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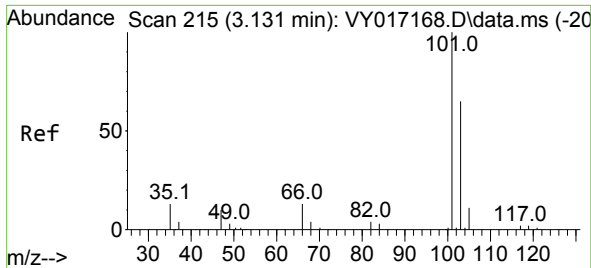
Tgt Ion: 64 Resp: 25341

Ion Ratio Lower Upper

64 100

66 32.9 25.1 37.7

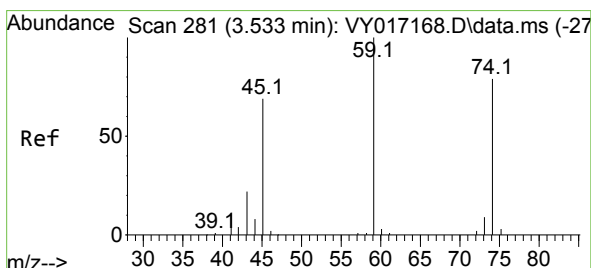
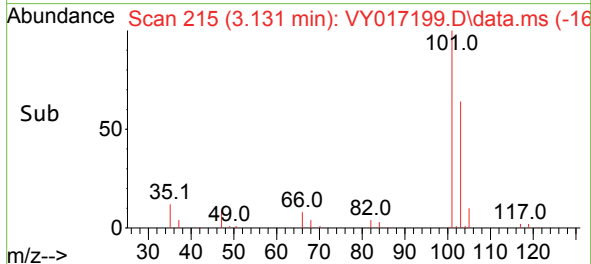
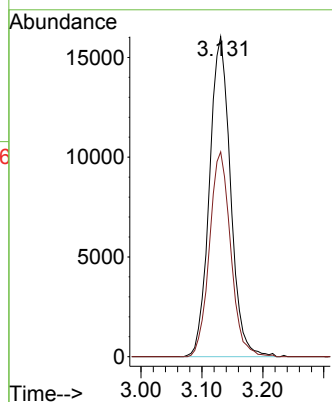
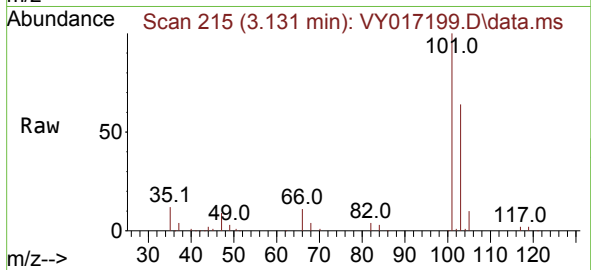




#7
 Trichlorofluoromethane
 Concen: 20.091 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. -0.000 min
 Lab File: VY017199.D
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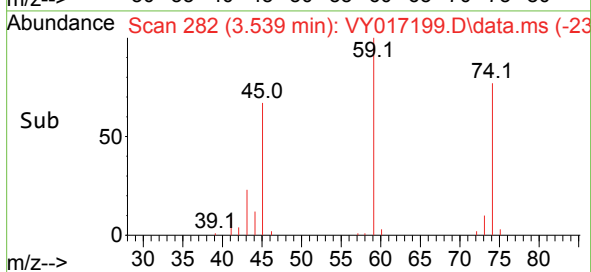
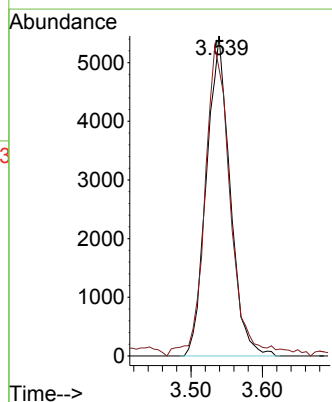
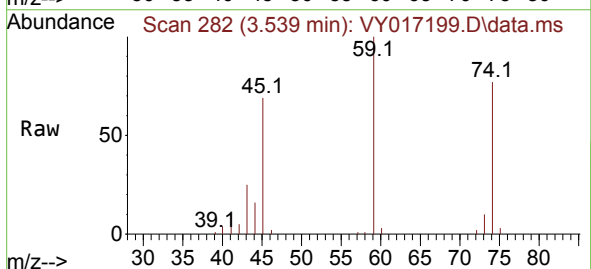
Instrument :
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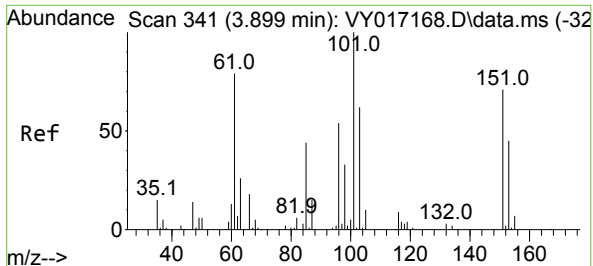
Tgt Ion:101 Resp: 38541
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.9 77.9



#8
 Diethyl Ether
 Concen: 20.738 ug/l
 RT: 3.539 min Scan# 282
 Delta R.T. 0.006 min
 Lab File: VY017199.D
 Acq: 02 Feb 2024 22:13

Tgt Ion: 74 Resp: 12513
 Ion Ratio Lower Upper
 74 100
 45 105.3 47.9 143.7

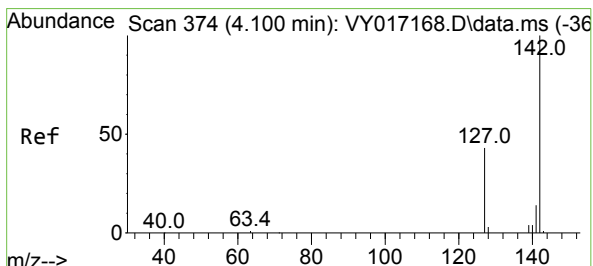
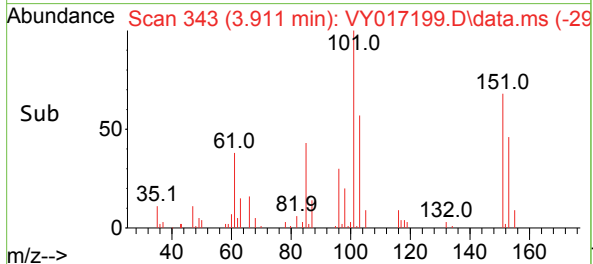
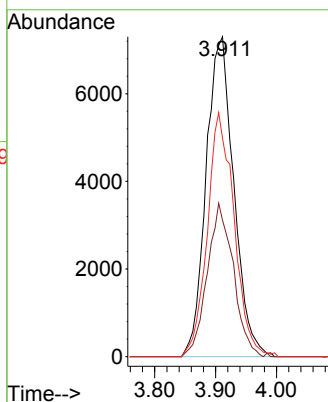
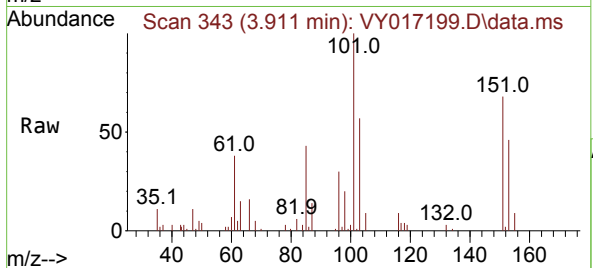




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.810 ug/l
RT: 3.911 min Scan# 341
Delta R.T. 0.012 min
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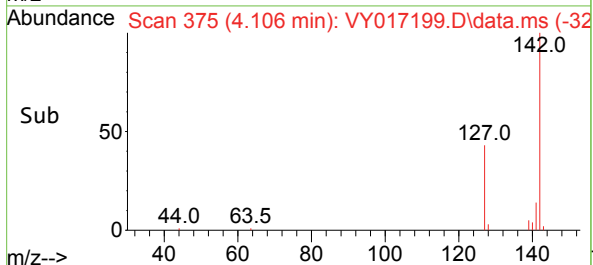
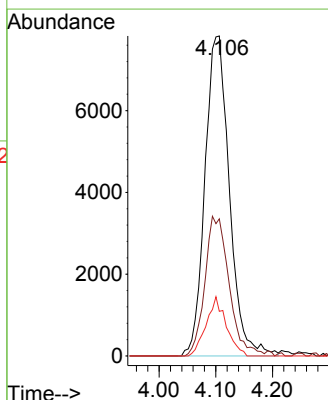
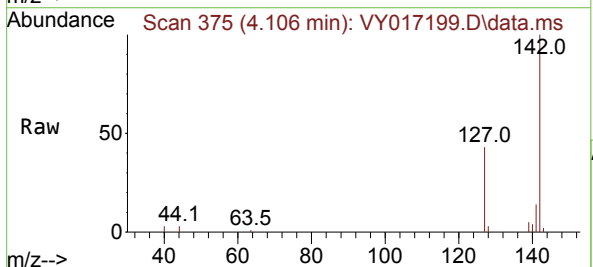
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBS02

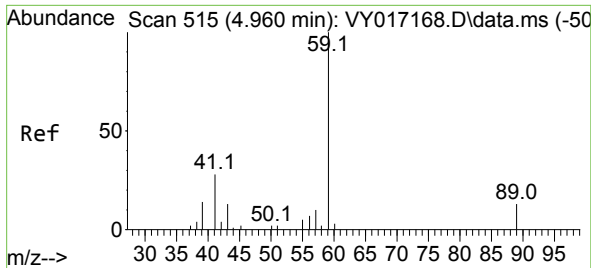
Tgt Ion:	101	Resp:	23036
Ion	Ratio	Lower	Upper
101	100		
85	45.1	35.8	53.6
151	74.0	58.6	88.0



#10
Methyl Iodide
Concen: 19.183 ug/l
RT: 4.106 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

Tgt Ion:	142	Resp:	23451
Ion	Ratio	Lower	Upper
142	100		
127	43.1	35.1	52.7
141	15.2	11.8	17.6

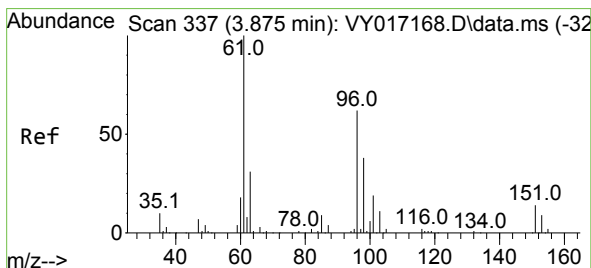
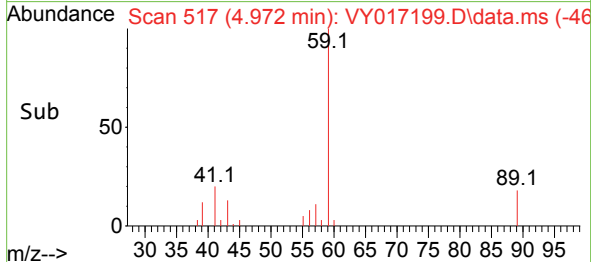
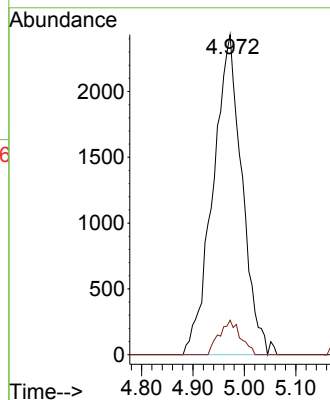
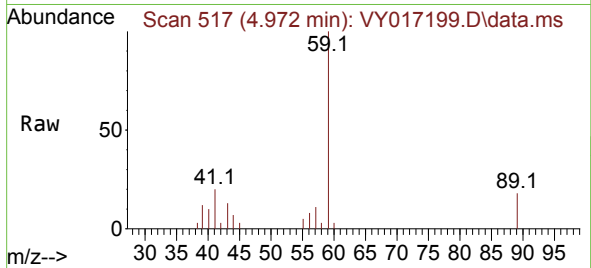




#11
Tert butyl alcohol
Concen: 103.351 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

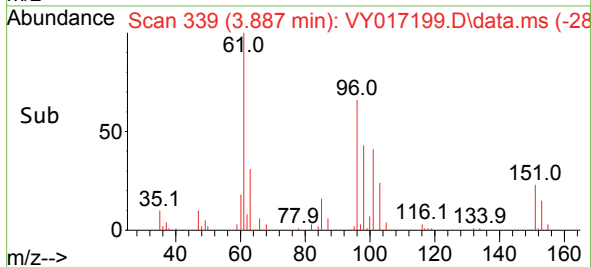
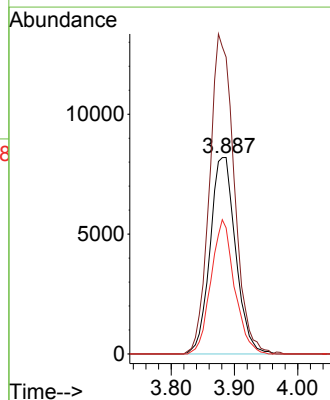
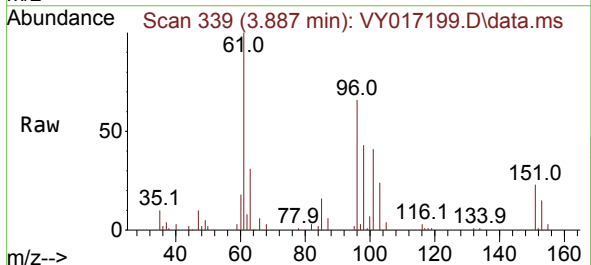
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBS02

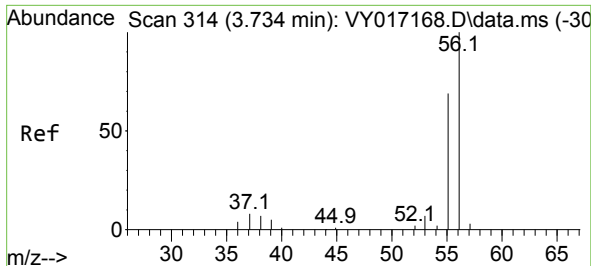
Tgt Ion: 59 Resp: 9553
Ion Ratio Lower Upper
59 100
57 7.8 7.4 11.0



#12
1,1-Dichloroethene
Concen: 21.111 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.012 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

Tgt Ion: 96 Resp: 23002
Ion Ratio Lower Upper
96 100
61 151.0 124.2 186.2
98 64.2 52.6 79.0





#13

Acrolein

Concen: 104.849 ug/l

RT: 3.741 min Scan# 314

Delta R.T. 0.007 min

Lab File: VY017199.D

Acq: 02 Feb 2024 22:13

Instrument :

MSVOA_Y

ClientSampleId :

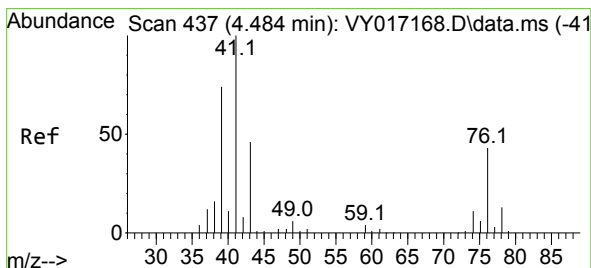
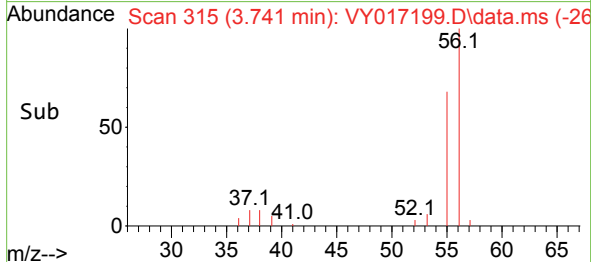
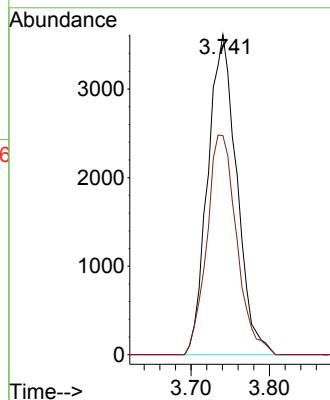
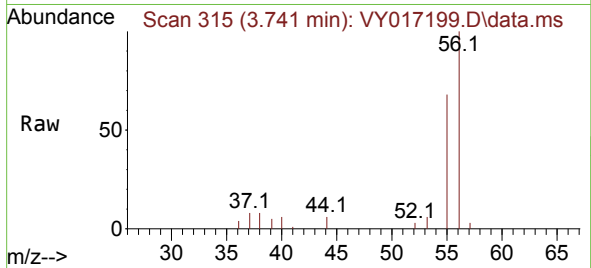
VY0202SBS02

Tgt Ion: 56 Resp: 9290

Ion Ratio Lower Upper

56 100

55 70.7 55.4 83.0



#14

Allyl chloride

Concen: 21.576 ug/l

RT: 4.490 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY017199.D

Acq: 02 Feb 2024 22:13

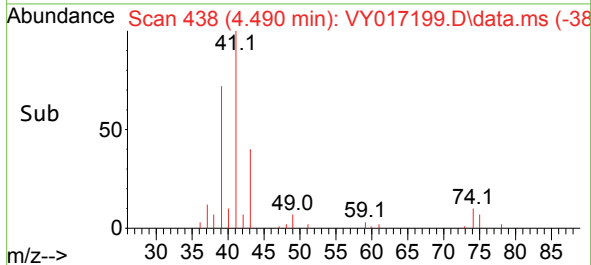
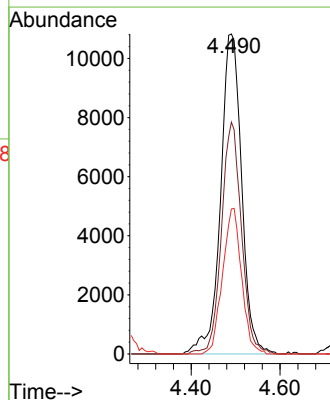
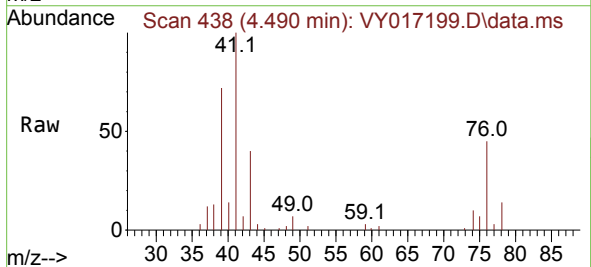
Tgt Ion: 41 Resp: 35541

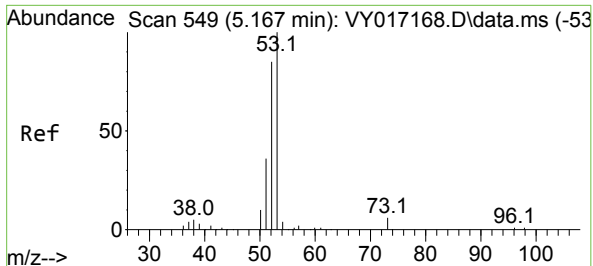
Ion Ratio Lower Upper

41 100

39 68.7 54.7 82.1

76 41.0 31.8 47.6

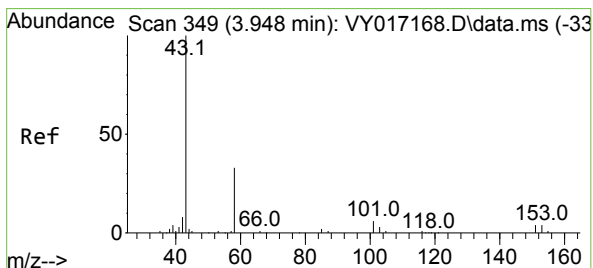
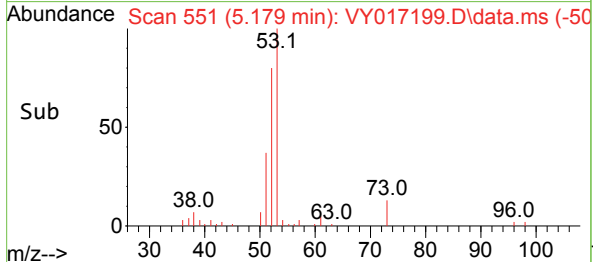
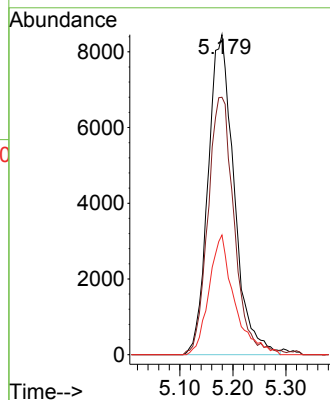
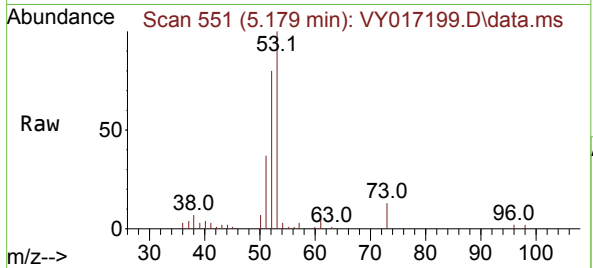




#15
Acrylonitrile
Concen: 105.991 ug/l
RT: 5.179 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

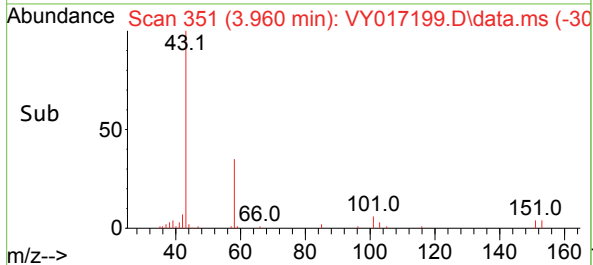
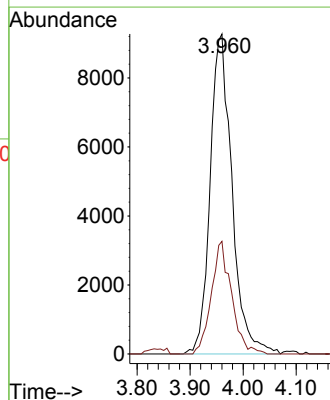
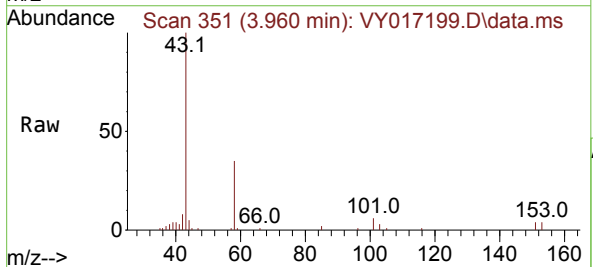
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBS02

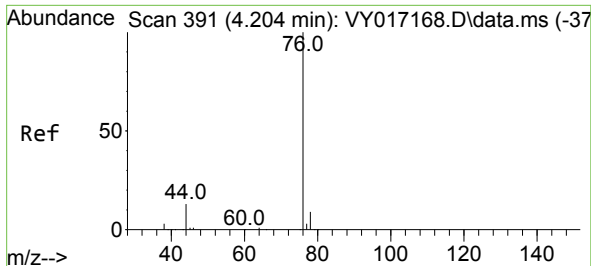
Tgt Ion:	53	Resp:	28795
Ion	Ratio	Lower	Upper
53	100		
52	81.1	65.1	97.7
51	36.6	29.0	43.4



#16
Acetone
Concen: 89.874 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

Tgt Ion:	43	Resp:	26526
Ion	Ratio	Lower	Upper
43	100		
58	35.2	26.6	39.8





#17

Carbon Disulfide

Concen: 21.246 ug/l

RT: 4.204 min Scan# 391

Delta R.T. -0.000 min

Lab File: VY017199.D

Acq: 02 Feb 2024 22:13

Instrument :

MSVOA_Y

ClientSampleId :

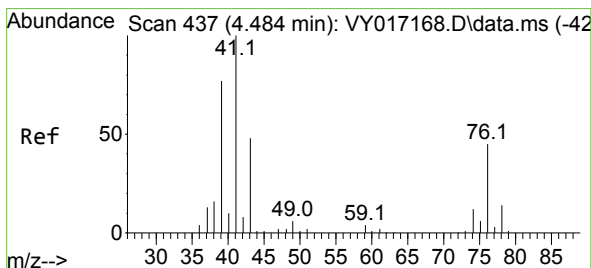
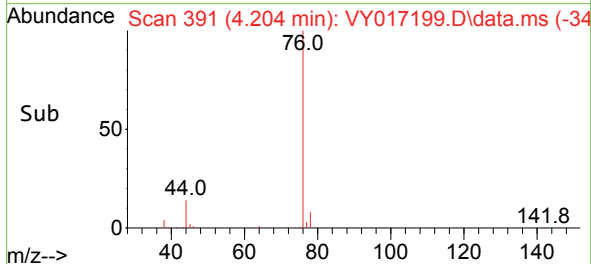
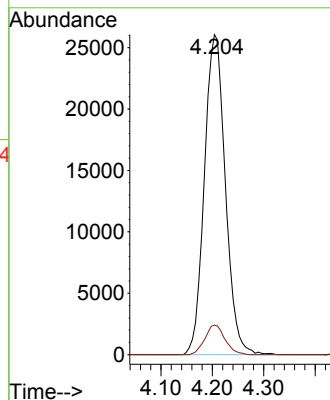
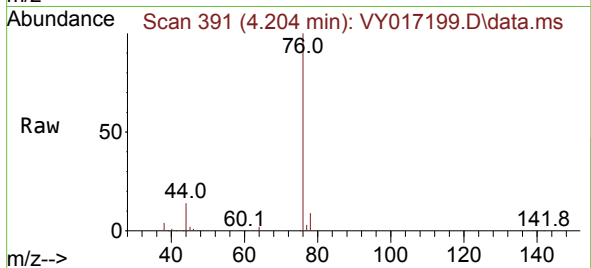
VY0202SBS02

Tgt Ion: 76 Resp: 73896

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



#18

Methyl Acetate

Concen: 20.308 ug/l

RT: 4.484 min Scan# 437

Delta R.T. -0.000 min

Lab File: VY017199.D

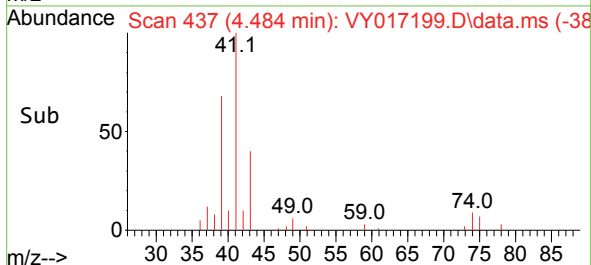
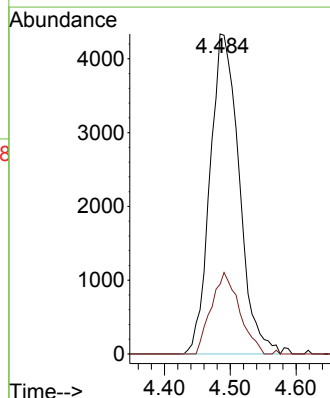
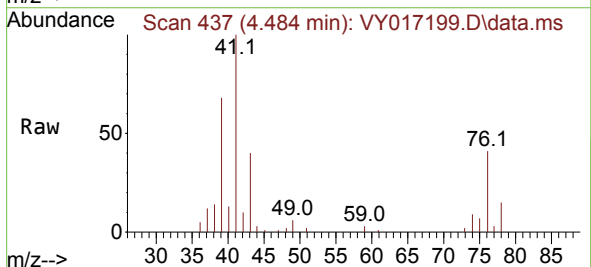
Acq: 02 Feb 2024 22:13

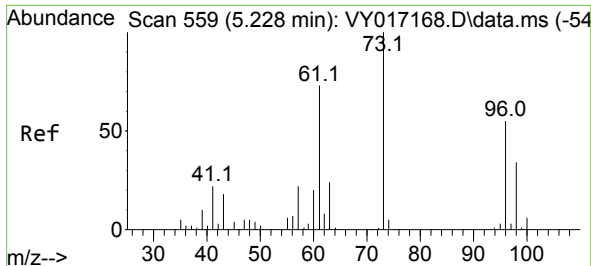
Tgt Ion: 43 Resp: 13371

Ion Ratio Lower Upper

43 100

74 24.6 19.8 29.6

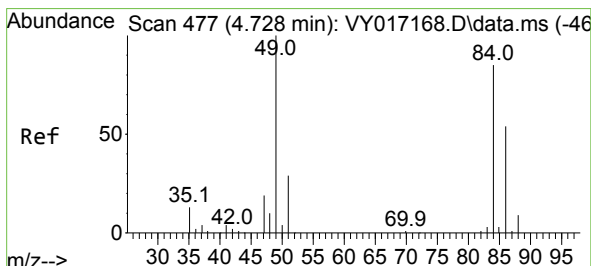
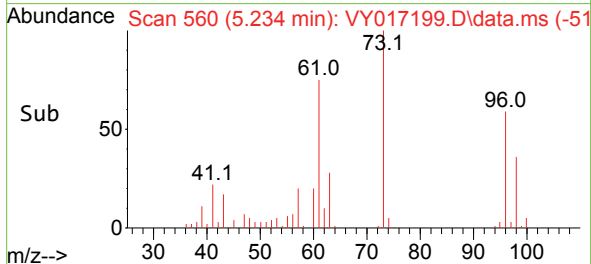
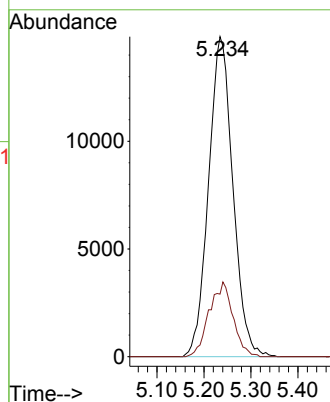
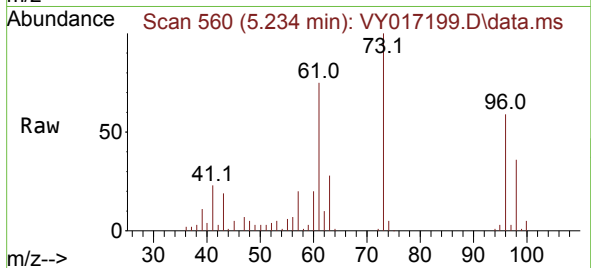




#19
Methyl tert-butyl Ether
Concen: 20.356 ug/l
RT: 5.234 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

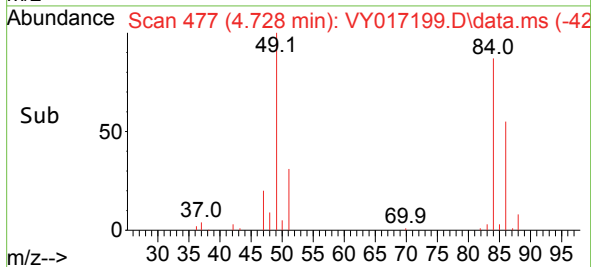
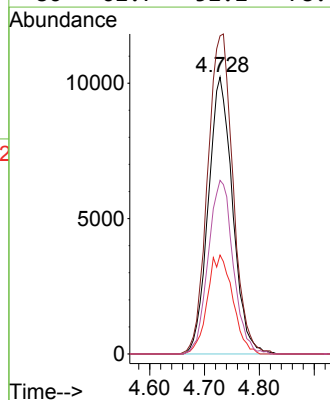
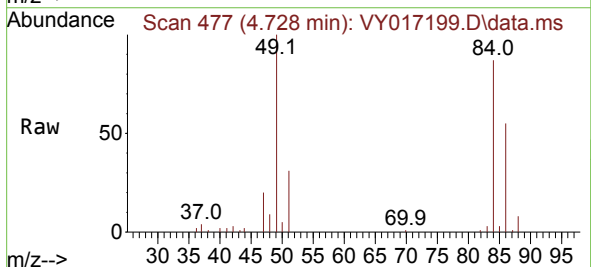
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBS02

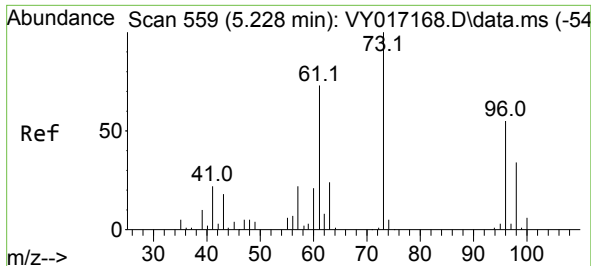
Tgt Ion: 73 Resp: 53417
Ion Ratio Lower Upper
73 100
57 19.5 17.7 26.5



#20
Methylene Chloride
Concen: 24.216 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

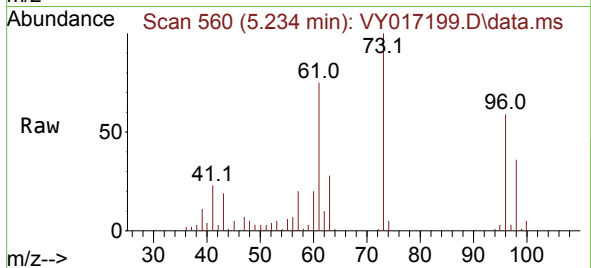
Tgt Ion: 84 Resp: 31457
Ion Ratio Lower Upper
84 100
49 114.9 95.2 142.8
51 35.7 29.9 44.9
86 62.7 52.2 78.4



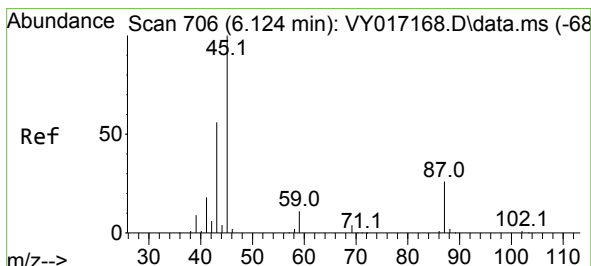
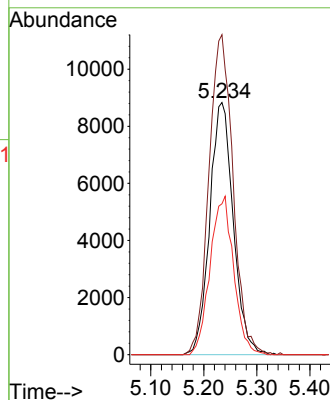
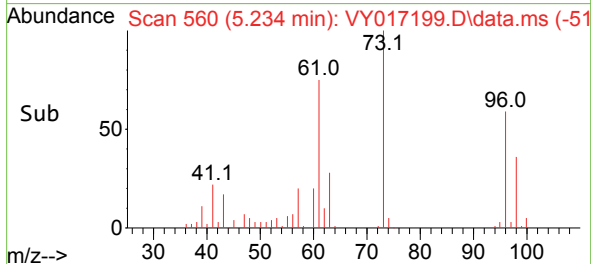


#21
trans-1,2-Dichloroethene
Concen: 21.949 ug/l
RT: 5.234 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBS02

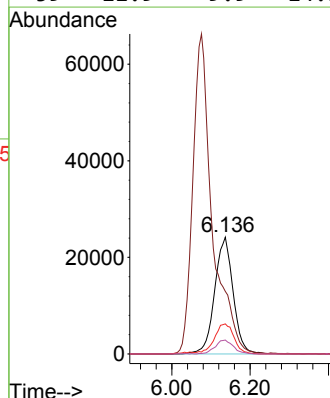
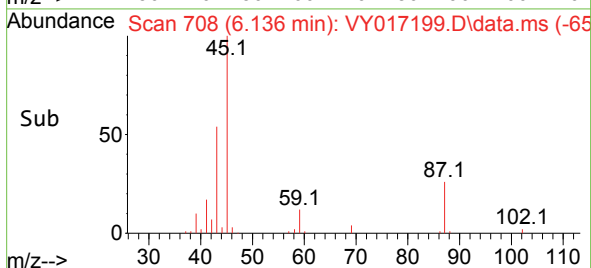
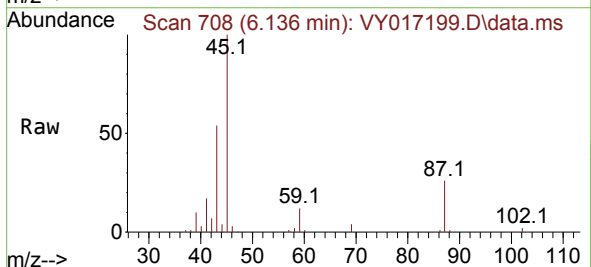


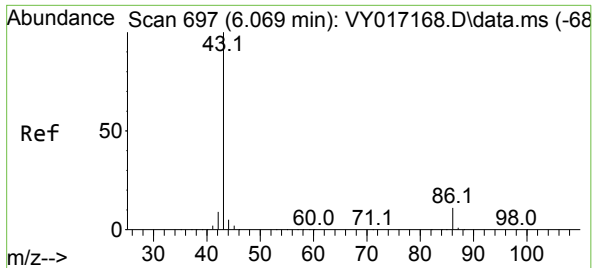
Tgt Ion: 96 Resp: 27206
Ion Ratio Lower Upper
96 100
61 126.9 104.6 156.8
98 59.8 50.9 76.3



#22
Diisopropyl ether
Concen: 21.949 ug/l
RT: 6.136 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

Tgt Ion: 45 Resp: 79396
Ion Ratio Lower Upper
45 100
43 53.2 46.8 70.2
87 25.8 22.2 33.2
59 11.9 9.9 14.9

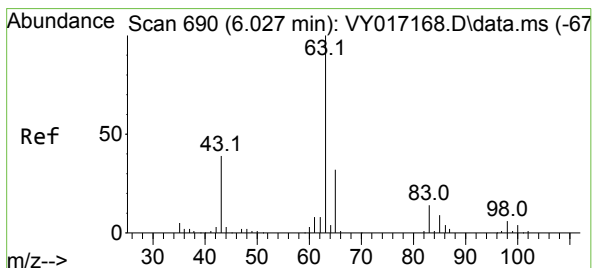
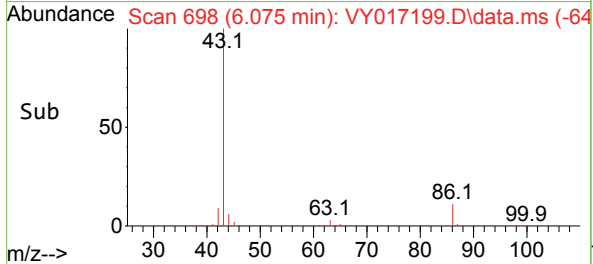
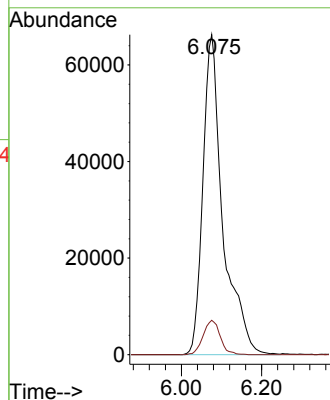
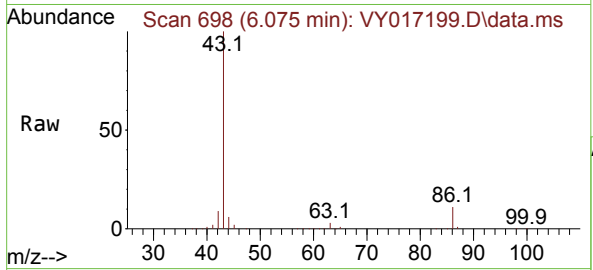




#23
 Vinyl Acetate
 Concen: 104.546 ug/l
 RT: 6.075 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY017199.D
 Acq: 02 Feb 2024 22:13

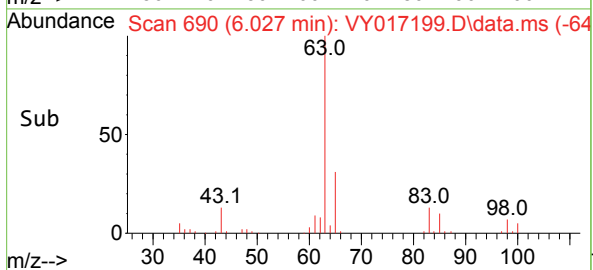
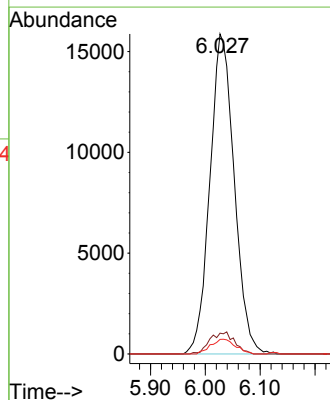
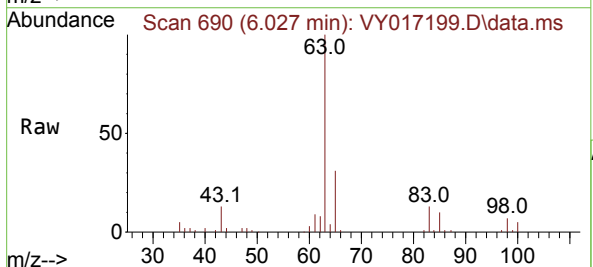
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0202SBS02

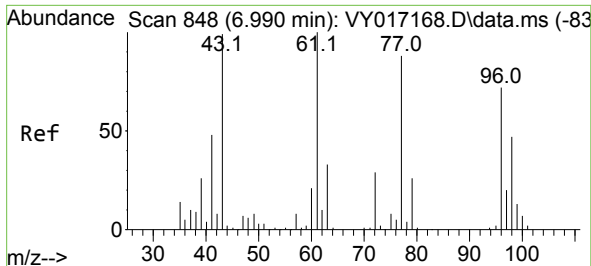
Tgt Ion: 43 Resp: 229148
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 22.090 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY017199.D
 Acq: 02 Feb 2024 22:13

Tgt Ion: 63 Resp: 48951
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.8 11.4
 100 4.6 2.1 6.2





#25

2-Butanone

Concen: 97.966 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY017199.D

Acq: 02 Feb 2024 22:13

Instrument :

MSVOA_Y

ClientSampleId :

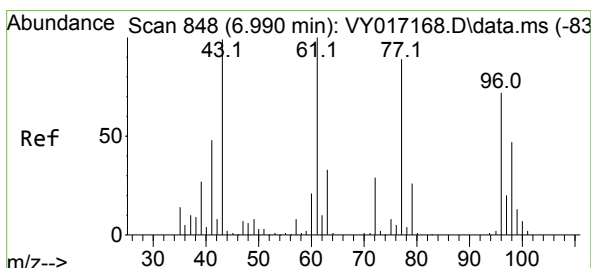
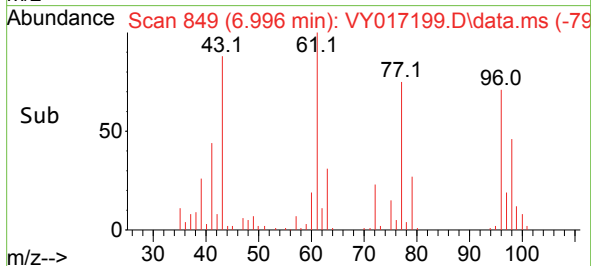
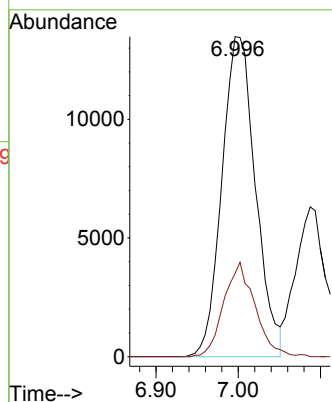
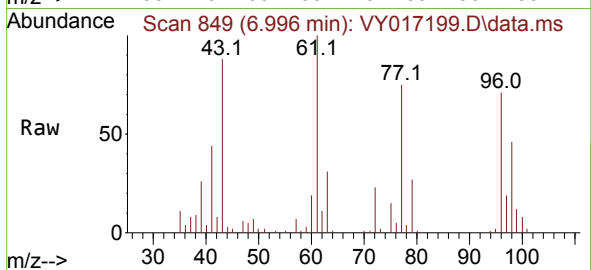
VY0202SBS02

Tgt Ion: 43 Resp: 38438

Ion Ratio Lower Upper

43 100

72 26.0 21.4 32.2



#26

2,2-Dichloropropane

Concen: 19.250 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY017199.D

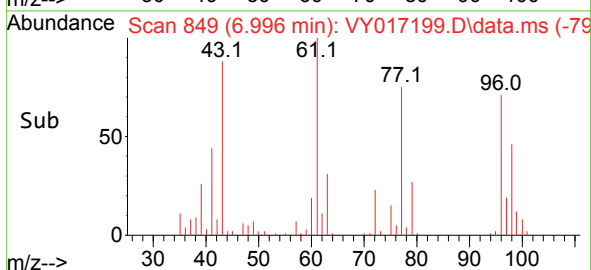
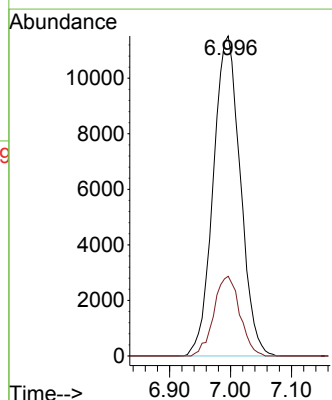
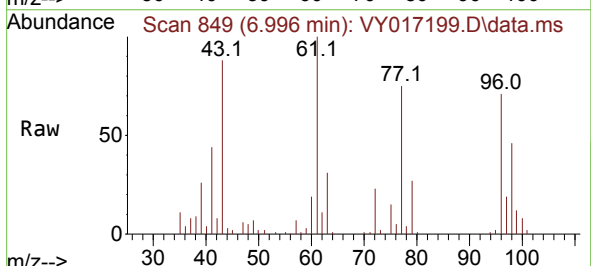
Acq: 02 Feb 2024 22:13

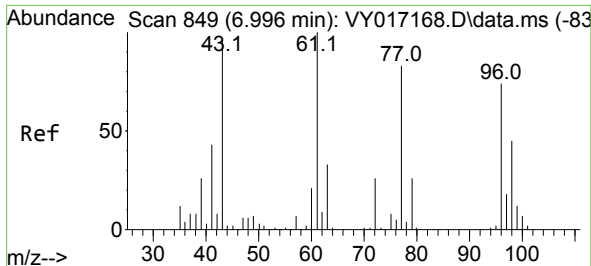
Tgt Ion: 77 Resp: 35481

Ion Ratio Lower Upper

77 100

97 23.9 11.7 35.0

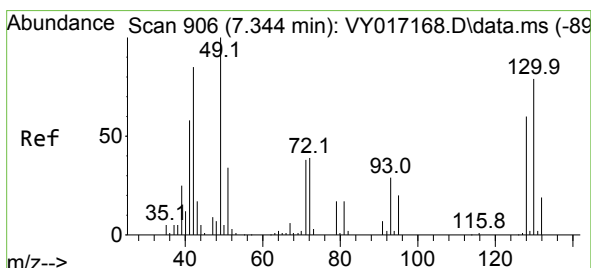
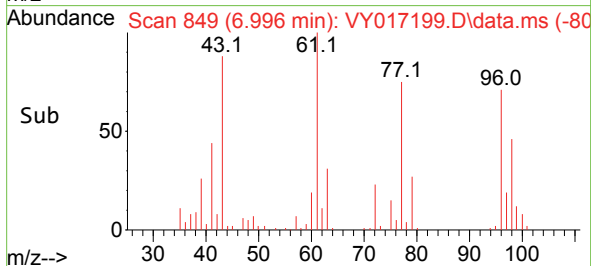
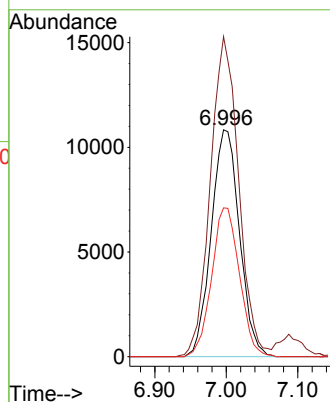
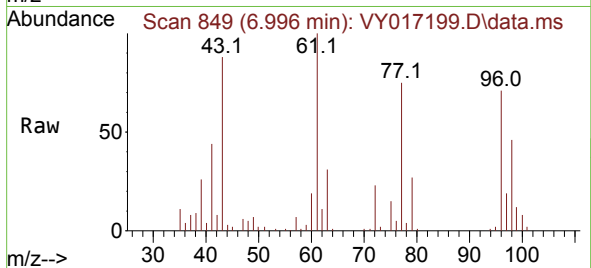




#27
 cis-1,2-Dichloroethene
 Concen: 21.448 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY017199.D
 Acq: 02 Feb 2024 22:13

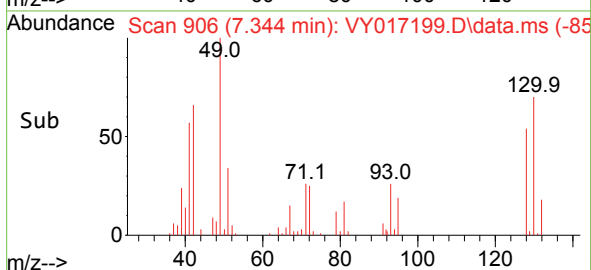
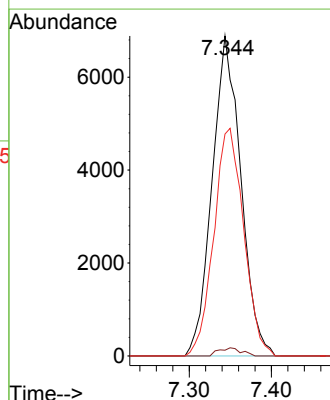
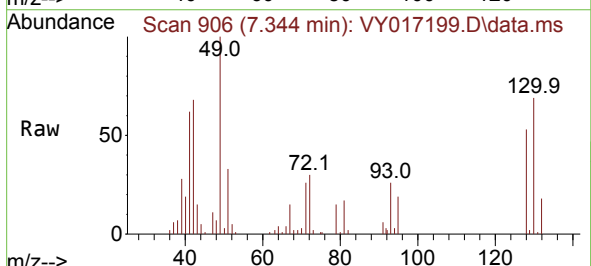
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0202SBS02

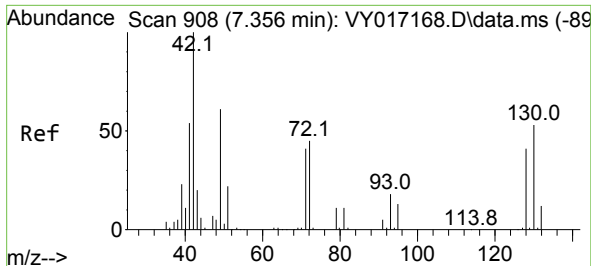
Tgt Ion: 96 Resp: 29734
 Ion Ratio Lower Upper
 96 100
 61 141.4 0.0 278.8
 98 64.6 0.0 127.0



#28
 Bromochloromethane
 Concen: 19.673 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY017199.D
 Acq: 02 Feb 2024 22:13

Tgt Ion: 49 Resp: 16692
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 74.1 59.8 89.8





#29

Tetrahydrofuran

Concen: 103.680 ug/l

RT: 7.362 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY017199.D

Acq: 02 Feb 2024 22:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0202SBS02

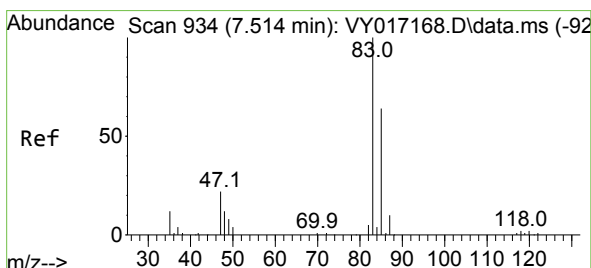
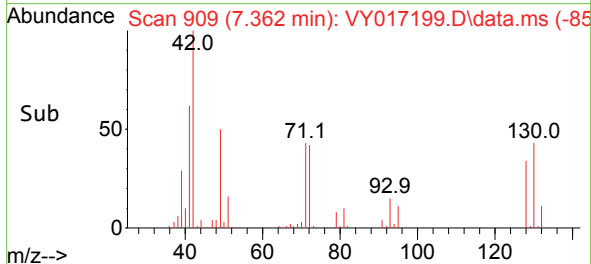
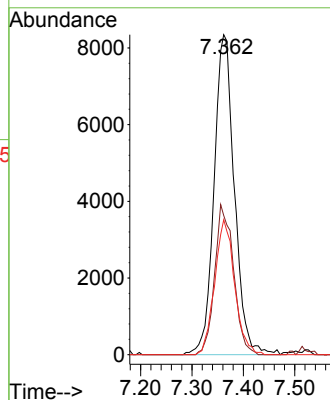
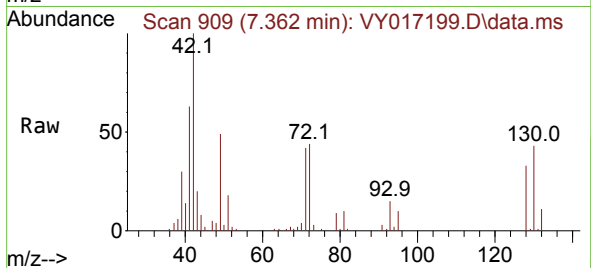
Tgt Ion: 42 Resp: 22980

Ion Ratio Lower Upper

42 100

72 43.5 36.6 54.8

71 41.2 33.8 50.6



#30

Chloroform

Concen: 22.338 ug/l

RT: 7.514 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY017199.D

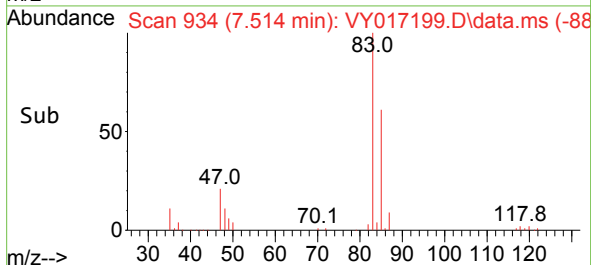
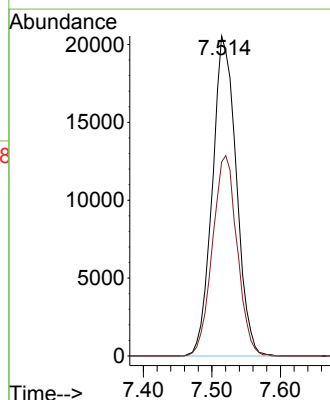
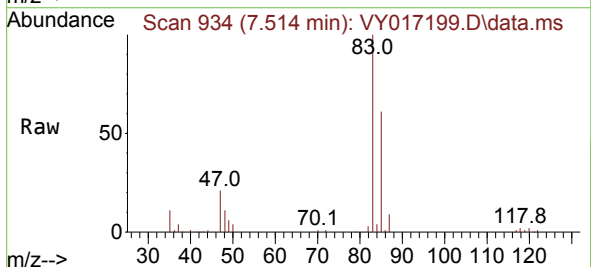
Acq: 02 Feb 2024 22:13

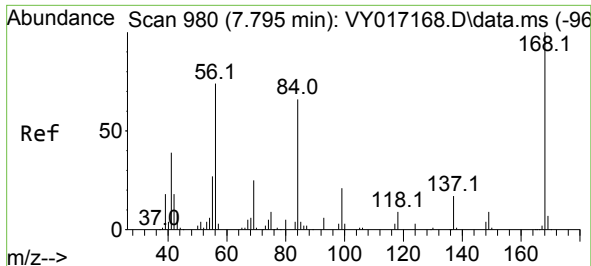
Tgt Ion: 83 Resp: 49796

Ion Ratio Lower Upper

83 100

85 60.6 51.2 76.8

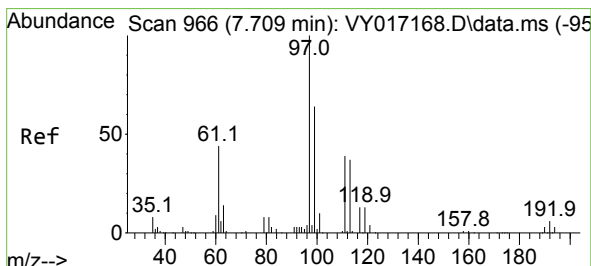
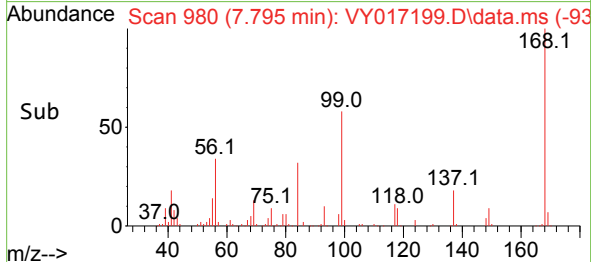
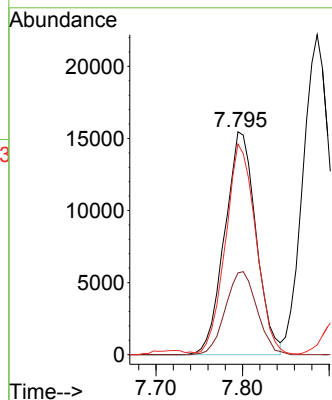
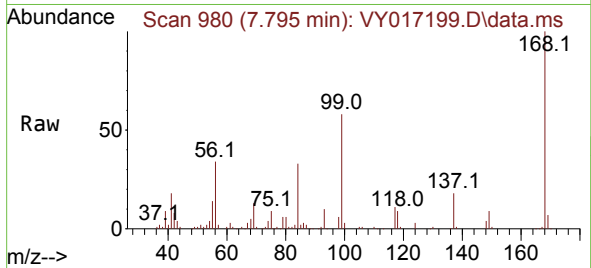




#31
Cyclohexane
Concen: 19.191 ug/l
RT: 7.795 min Scan# 918
Delta R.T. -0.000 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

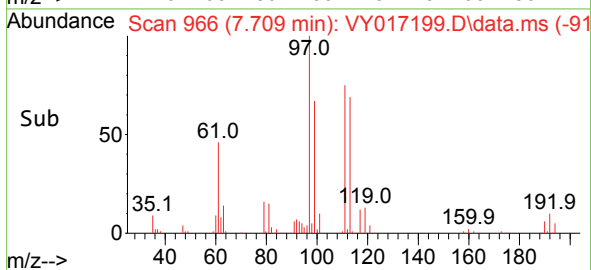
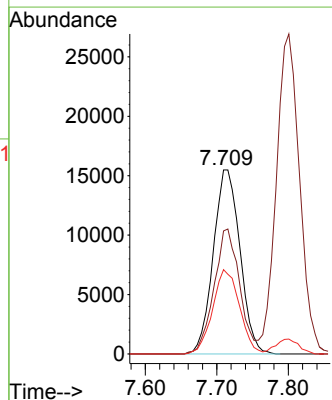
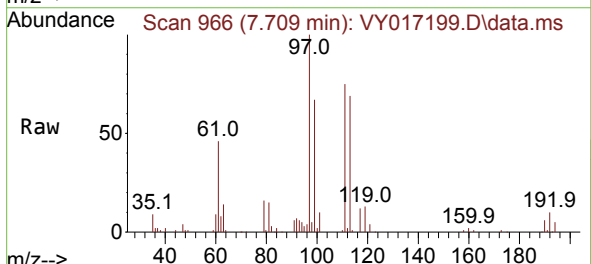
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBS02

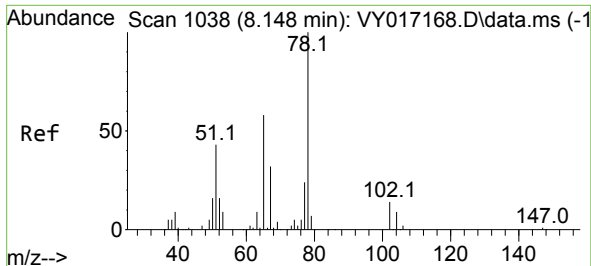
Tgt Ion: 56 Resp: 38844
Ion Ratio Lower Upper
56 100
69 36.7 27.0 40.6
84 92.8 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 20.958 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

Tgt Ion: 97 Resp: 40186
Ion Ratio Lower Upper
97 100
99 64.7 51.2 76.8
61 46.0 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 55.693 ug/l

RT: 8.154 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY017199.D

Acq: 02 Feb 2024 22:13

Instrument :

MSVOA_Y

ClientSampleId :

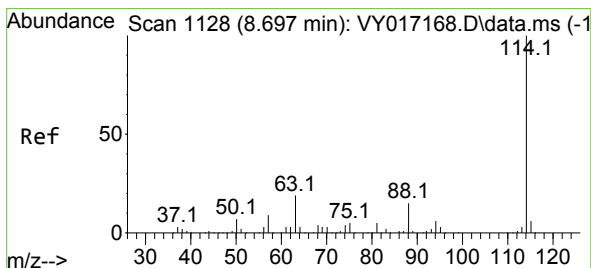
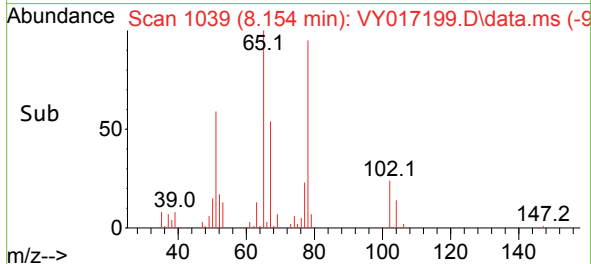
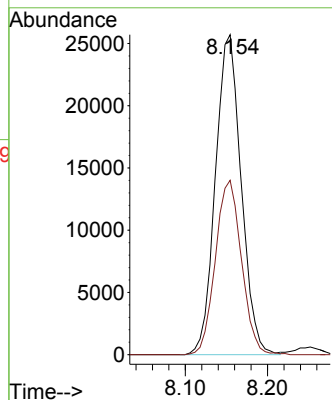
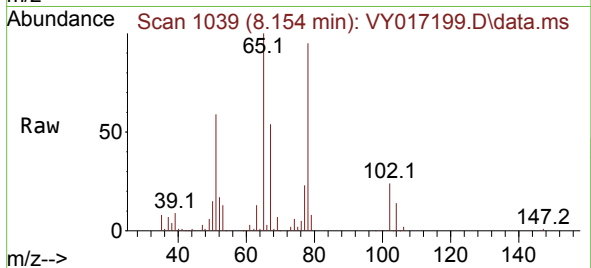
VY0202SBS02

Tgt Ion: 65 Resp: 55927

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY017199.D

Acq: 02 Feb 2024 22:13

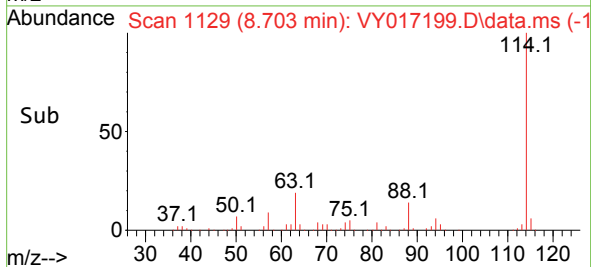
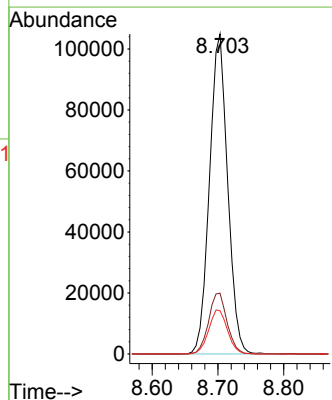
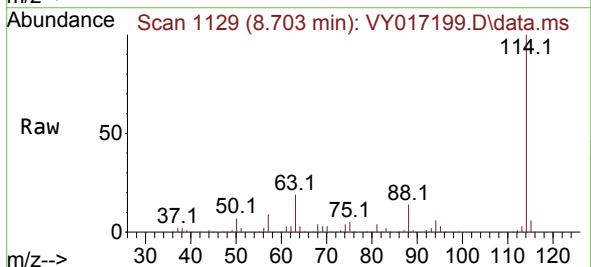
Tgt Ion: 114 Resp: 201157

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.4

88 13.5 0.0 29.0

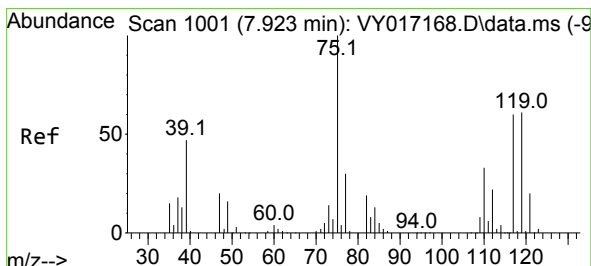
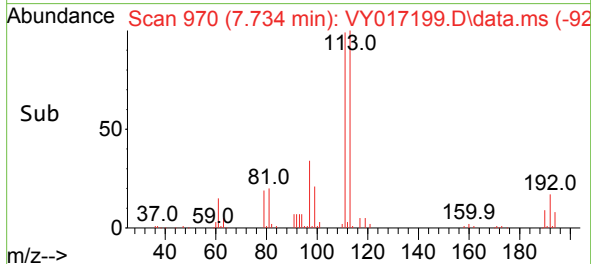
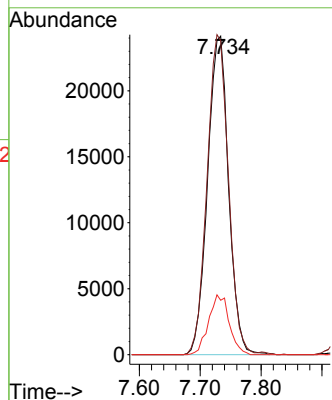
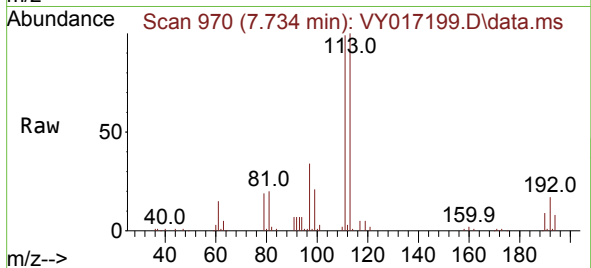




#35
Dibromofluoromethane
Concen: 53.188 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

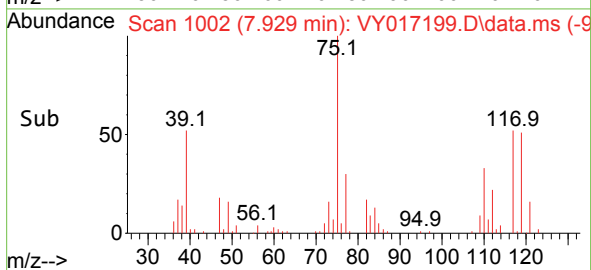
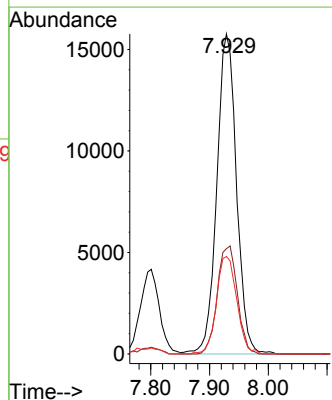
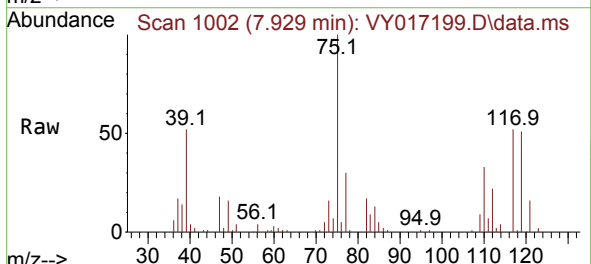
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBS02

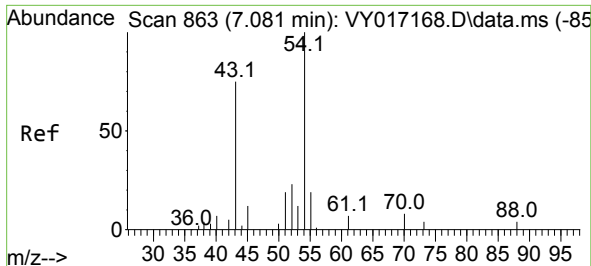
Tgt Ion:113 Resp: 57769
Ion Ratio Lower Upper
113 100
111 102.1 83.8 125.6
192 18.5 14.5 21.7



#36
1,1-Dichloropropene
Concen: 19.572 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

Tgt Ion: 75 Resp: 36668
Ion Ratio Lower Upper
75 100
110 34.4 17.4 52.3
77 31.5 24.7 37.1

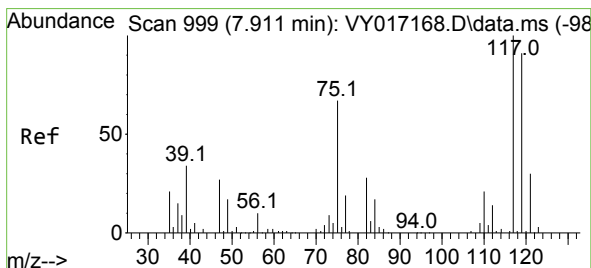
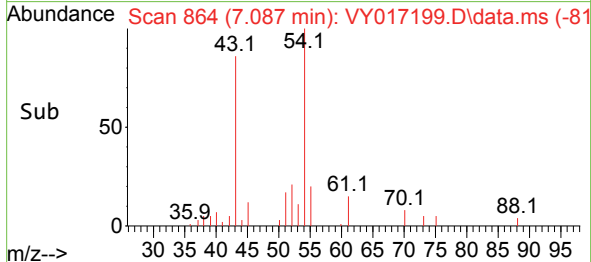
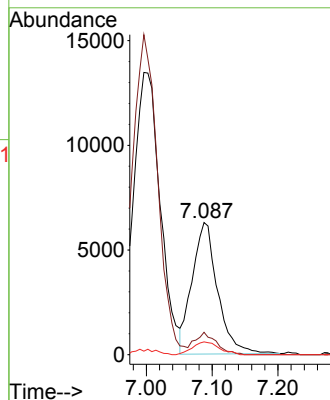
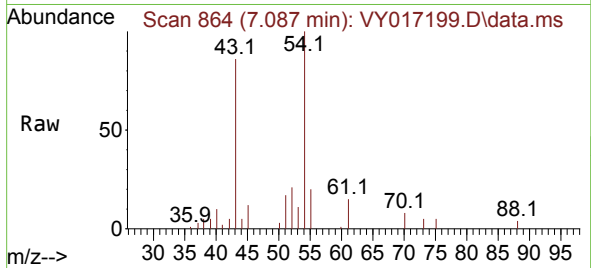




#37
Ethyl Acetate
Concen: 19.386 ug/l
RT: 7.087 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

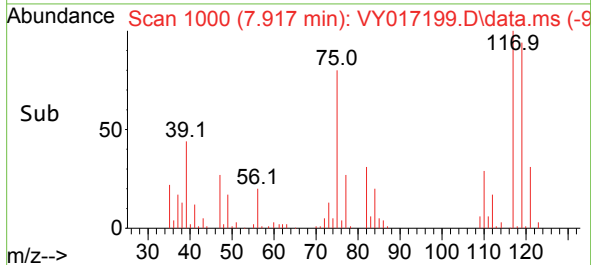
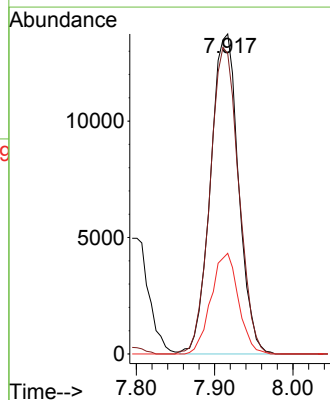
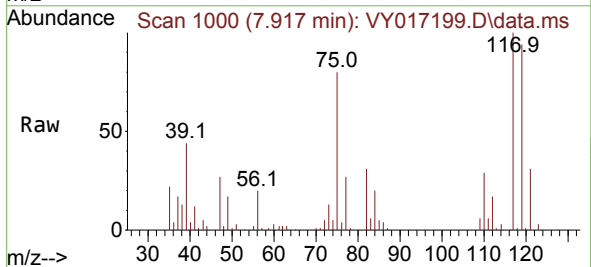
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBS02

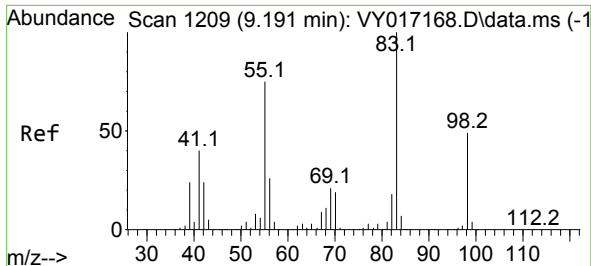
Tgt Ion: 43	Resp: 16845
Ion Ratio	Lower Upper
43	100
61	14.2 11.0 16.6
70	10.2 8.1 12.1



#38
Carbon Tetrachloride
Concen: 19.059 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

Tgt Ion: 117	Resp: 34187
Ion Ratio	Lower Upper
117	100
119	93.9 76.0 114.0
121	31.4 24.2 36.2





#39

Methylcyclohexane

Concen: 17.590 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017199.D

Acq: 02 Feb 2024 22:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0202SBS02

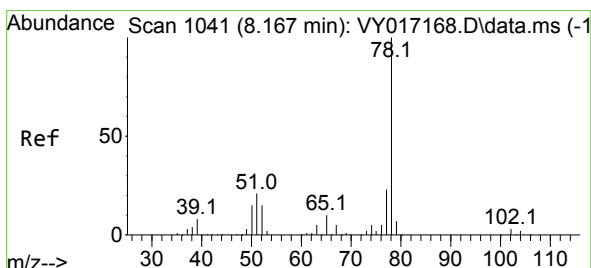
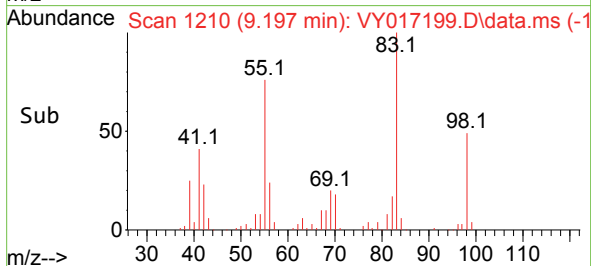
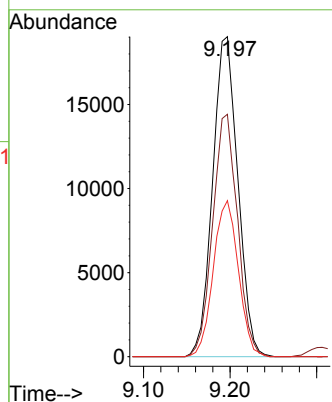
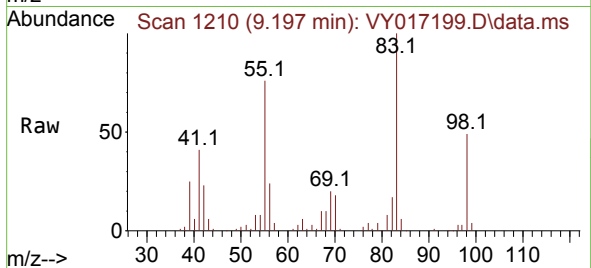
Tgt Ion: 83 Resp: 38500

Ion Ratio Lower Upper

83 100

55 75.8 59.7 89.5

98 48.8 38.0 57.0



#40

Benzene

Concen: 21.069 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY017199.D

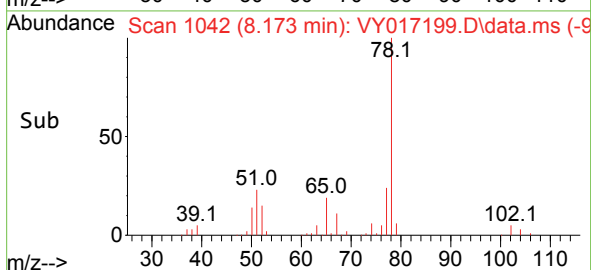
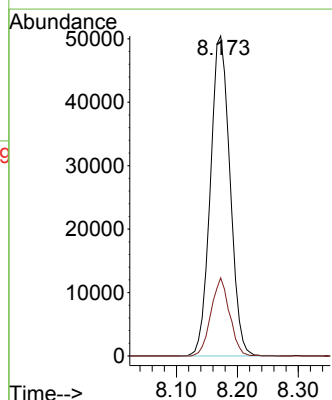
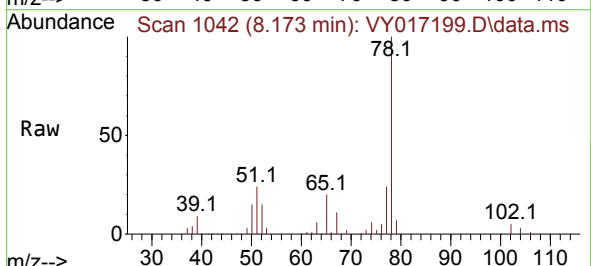
Acq: 02 Feb 2024 22:13

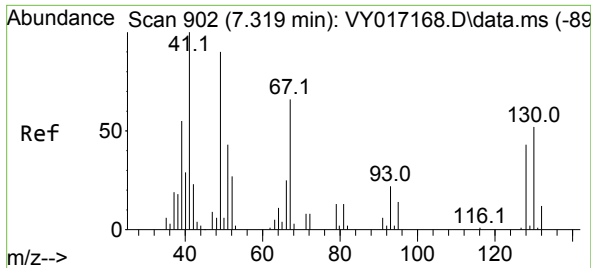
Tgt Ion: 78 Resp: 112721

Ion Ratio Lower Upper

78 100

77 24.4 18.8 28.2

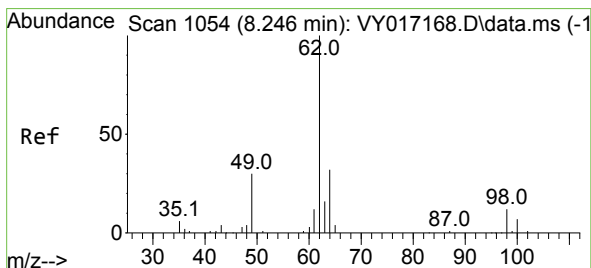
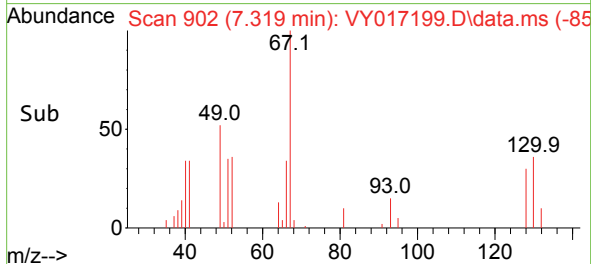
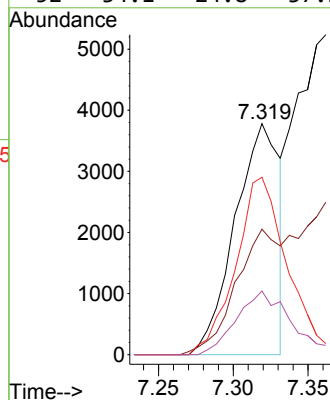
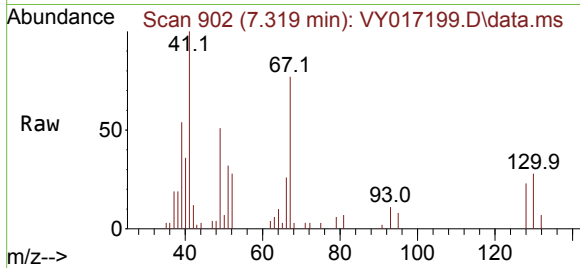




#41
Methacrylonitrile
Concen: 19.011 ug/l
RT: 7.319 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

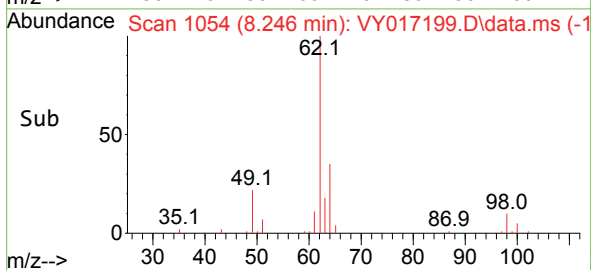
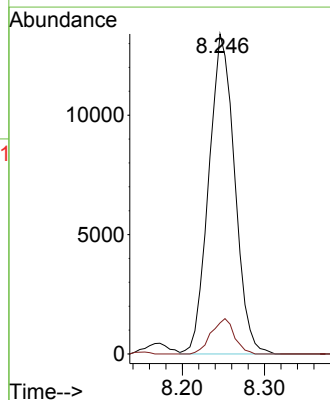
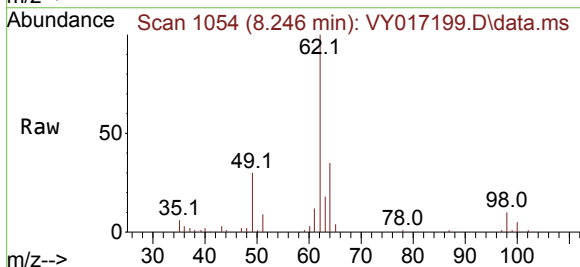
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBS02

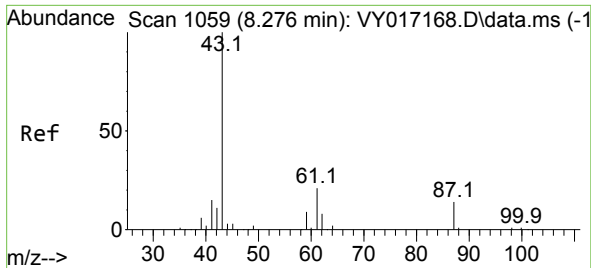
Tgt Ion: 41	Resp: 7827
Ion Ratio	Lower Upper
41 100	
39 53.7	41.9 62.9
67 89.2	59.8 89.6
52 34.1	24.8 37.2



#42
1,2-Dichloroethane
Concen: 20.724 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

Tgt Ion: 62	Resp: 29356
Ion Ratio	Lower Upper
62 100	
98 9.8	0.0 20.2

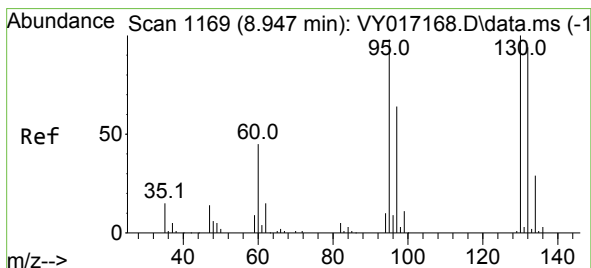
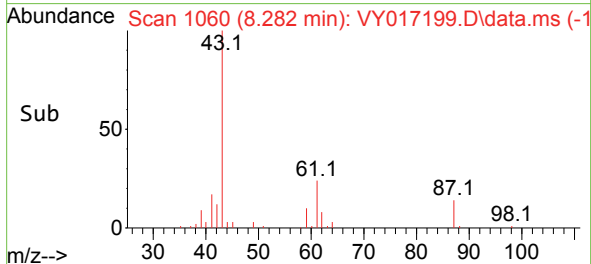
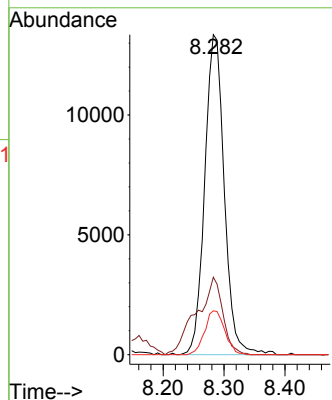
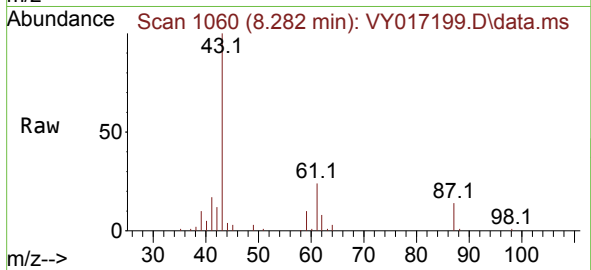




#43
Isopropyl Acetate
Concen: 19.369 ug/l
RT: 8.282 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

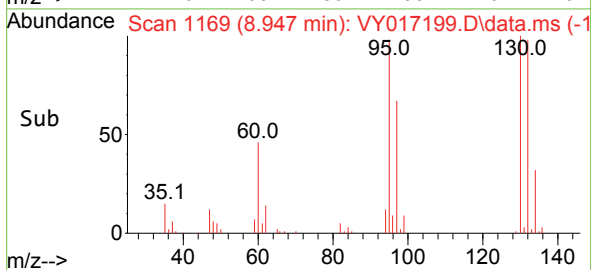
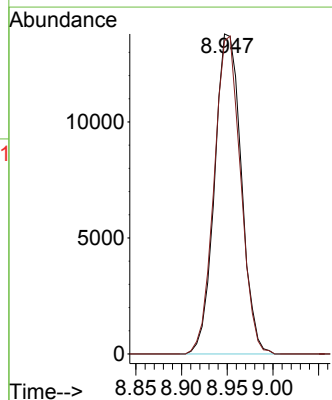
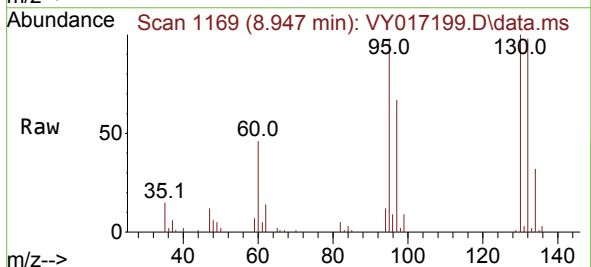
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBS02

Tgt Ion: 43 Resp: 29794
Ion Ratio Lower Upper
43 100
61 32.5 24.8 37.2
87 14.1 10.7 16.1



#44
Trichloroethene
Concen: 20.613 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

Tgt Ion: 130 Resp: 27995
Ion Ratio Lower Upper
130 100
95 97.9 0.0 203.8

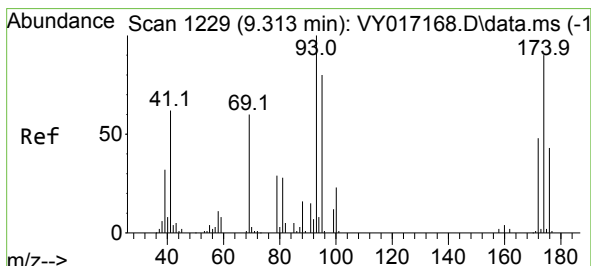
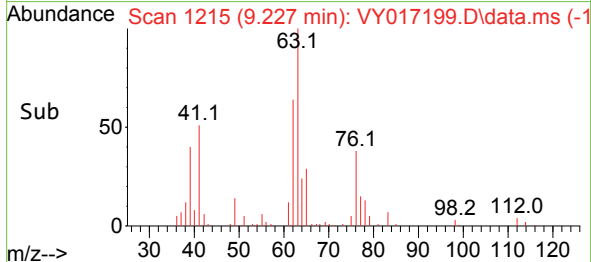
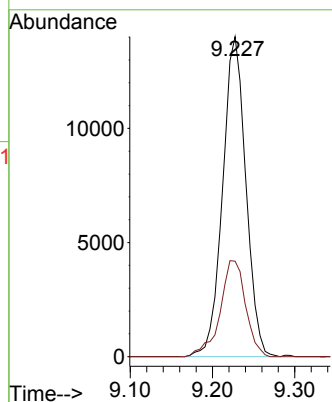
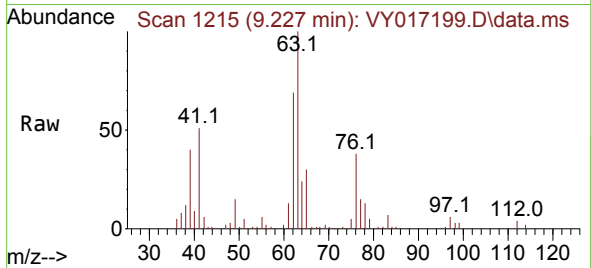




#45
1,2-Dichloropropane
Concen: 20.911 ug/l
RT: 9.227 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

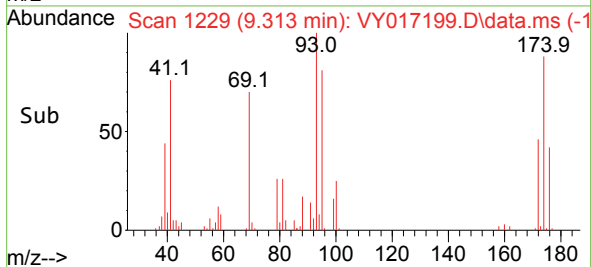
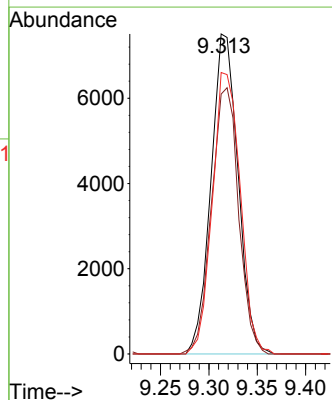
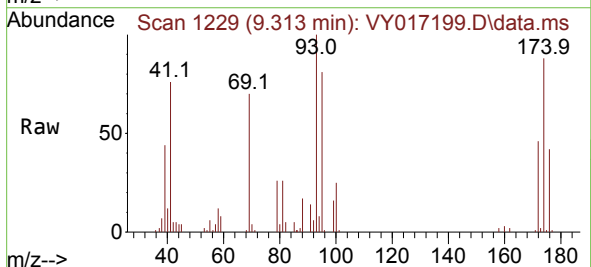
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBS02

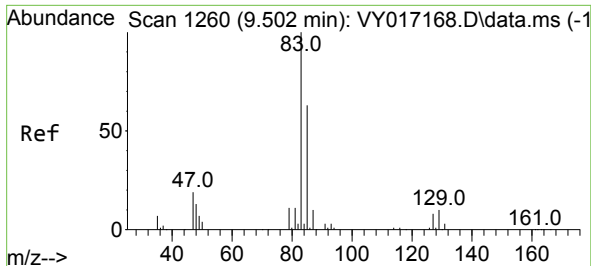
Tgt Ion: 63 Resp: 27480
Ion Ratio Lower Upper
63 100
65 29.8 24.6 36.8



#46
Dibromomethane
Concen: 20.601 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

Tgt Ion: 93 Resp: 14624
Ion Ratio Lower Upper
93 100
95 83.5 66.6 99.8
174 90.3 73.8 110.6

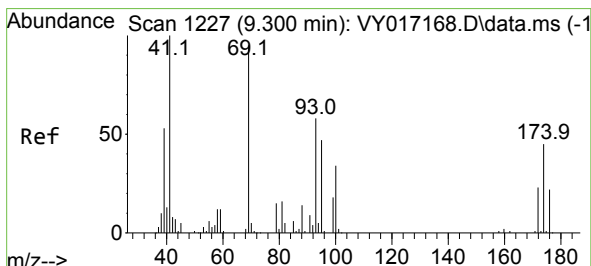
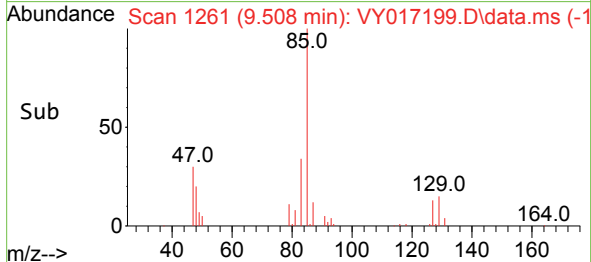
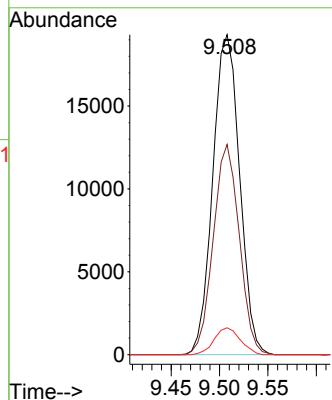
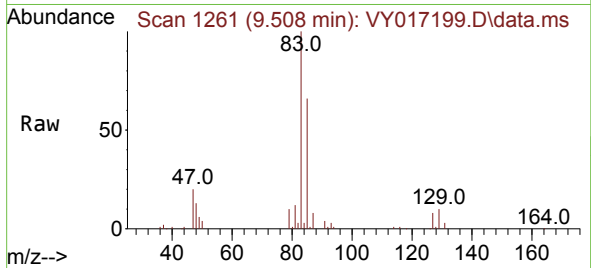




#47
Bromodichloromethane
Concen: 20.922 ug/l
RT: 9.508 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

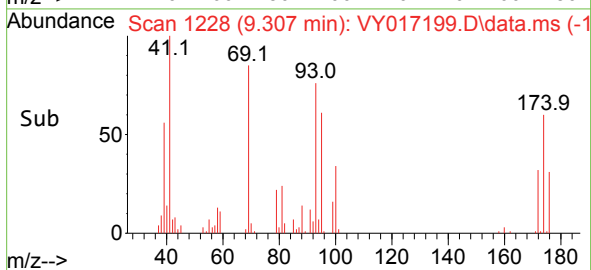
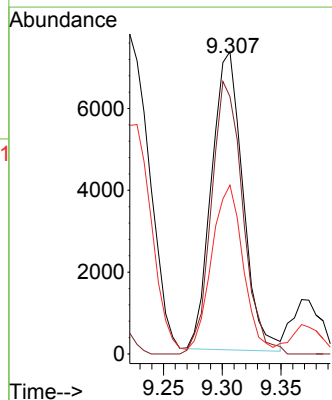
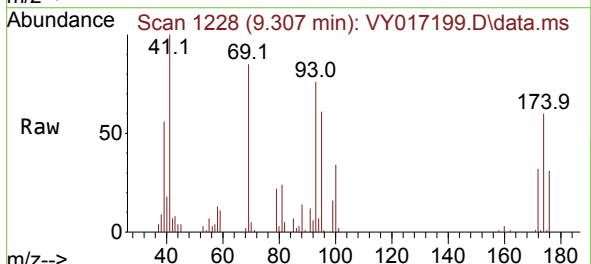
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBS02

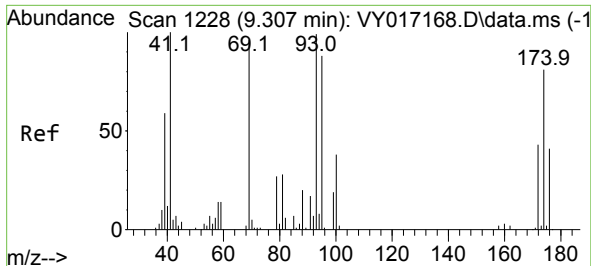
Tgt Ion: 83 Resp: 37169
Ion Ratio Lower Upper
83 100
85 65.7 53.2 79.8
127 8.4 6.4 9.6



#48
Methyl methacrylate
Concen: 18.766 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

Tgt Ion: 41 Resp: 13540
Ion Ratio Lower Upper
41 100
69 91.3 72.1 108.1
39 57.5 42.8 64.2





#49

1,4-Dioxane

Concen: 389.308 ug/l

RT: 9.300 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017199.D

Acq: 02 Feb 2024 22:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0202SBS02

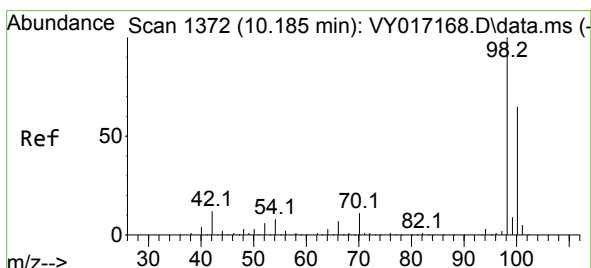
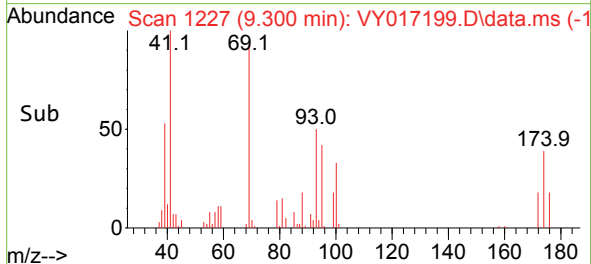
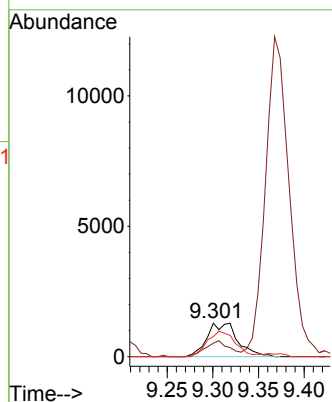
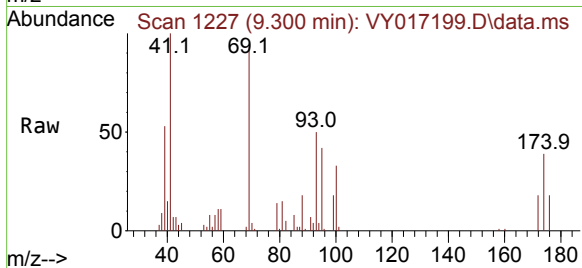
Tgt Ion: 88 Resp: 3008

Ion Ratio Lower Upper

88 100

43 38.0 28.2 42.4

58 70.8 52.2 78.2



#50

Toluene-d8

Concen: 54.773 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017199.D

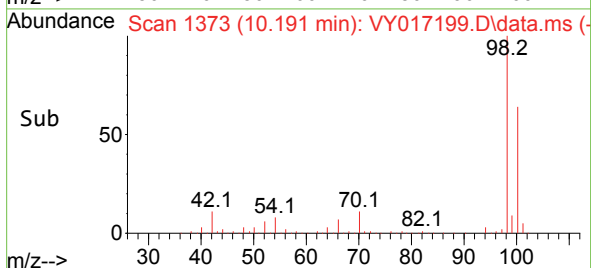
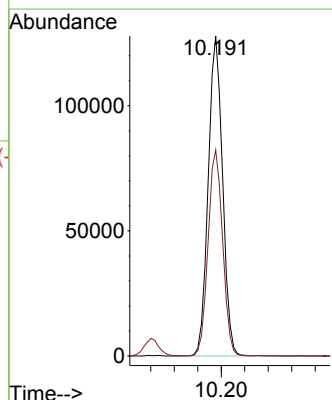
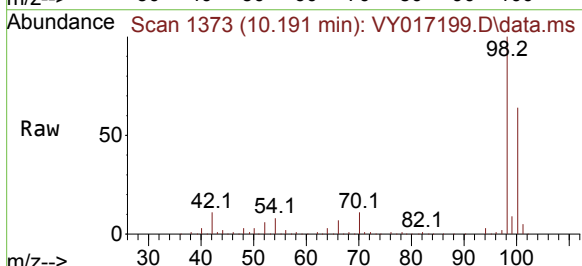
Acq: 02 Feb 2024 22:13

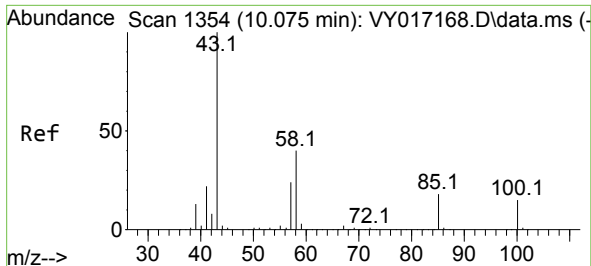
Tgt Ion: 98 Resp: 216600

Ion Ratio Lower Upper

98 100

100 65.3 52.3 78.5

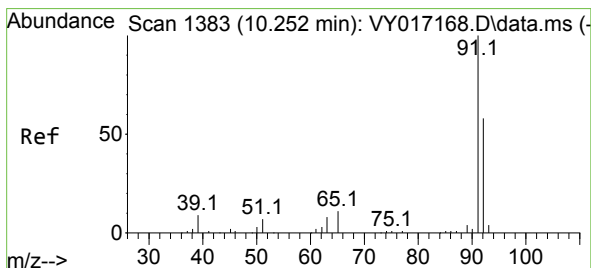
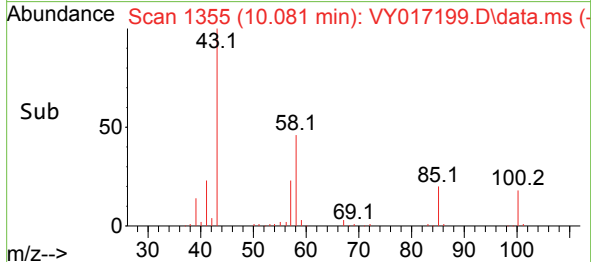
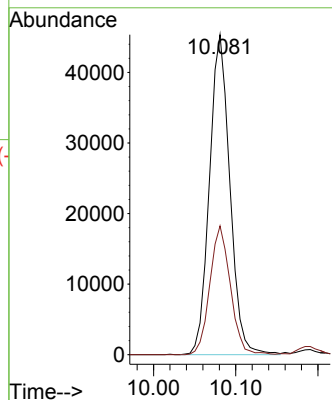
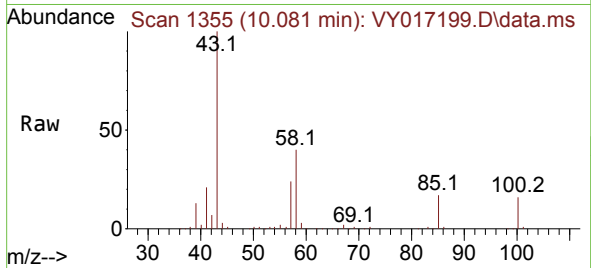




#51
4-Methyl-2-Pentanone
Concen: 95.036 ug/l
RT: 10.081 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

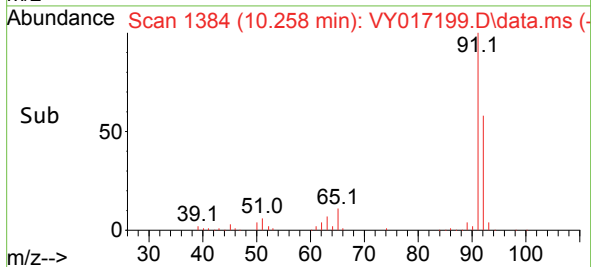
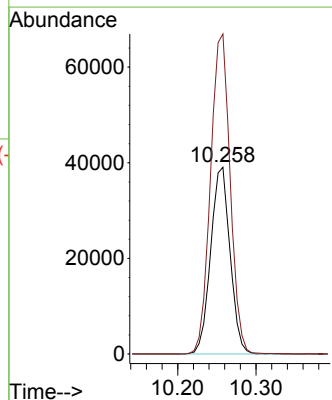
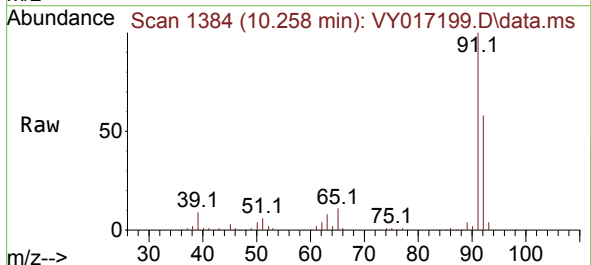
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBS02

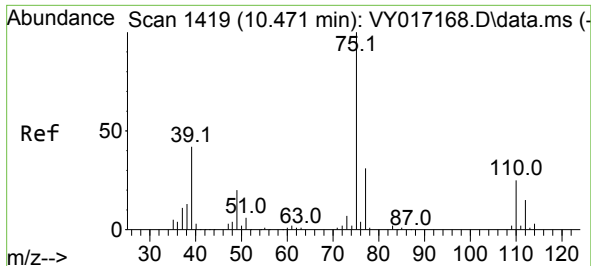
Tgt Ion: 43 Resp: 78362
Ion Ratio Lower Upper
43 100
58 40.3 32.2 48.2



#52
Toluene
Concen: 20.757 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

Tgt Ion: 92 Resp: 67032
Ion Ratio Lower Upper
92 100
91 173.8 137.6 206.4

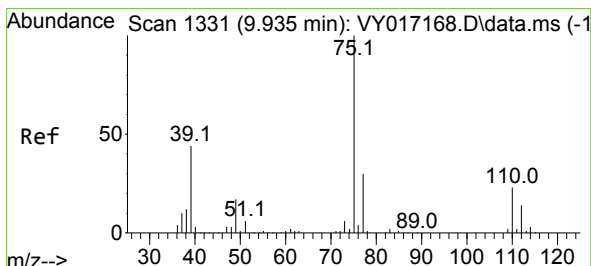
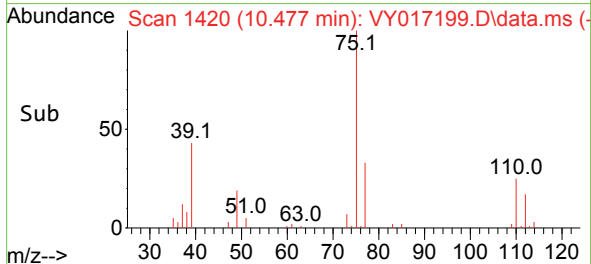
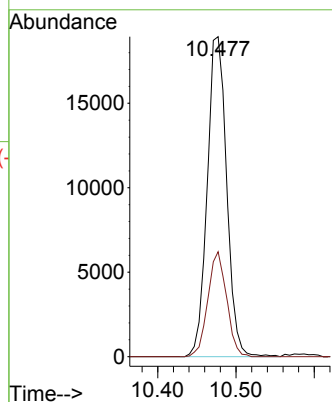
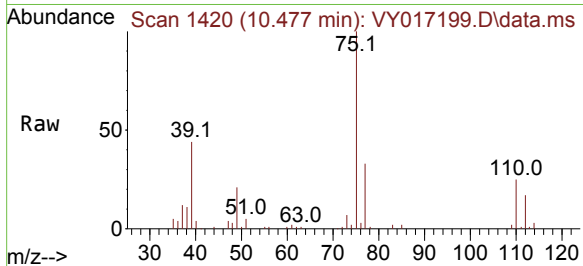




#53
 t-1,3-Dichloropropene
 Concen: 19.578 ug/l
 RT: 10.477 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY017199.D
 Acq: 02 Feb 2024 22:13

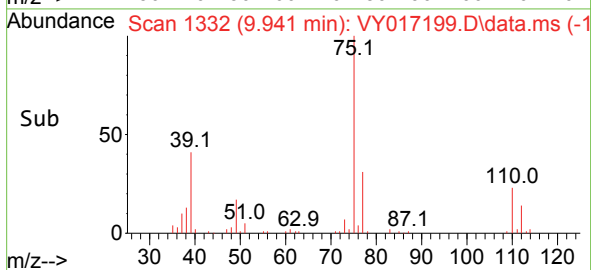
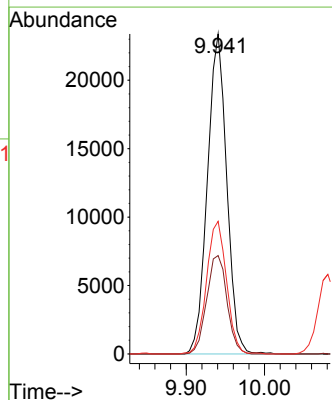
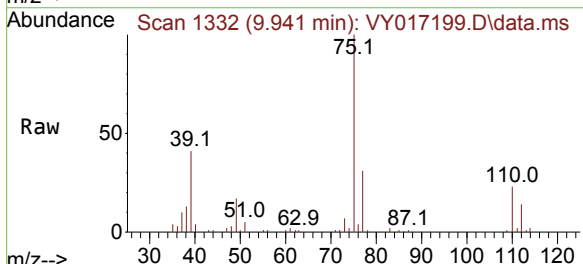
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0202SBS02

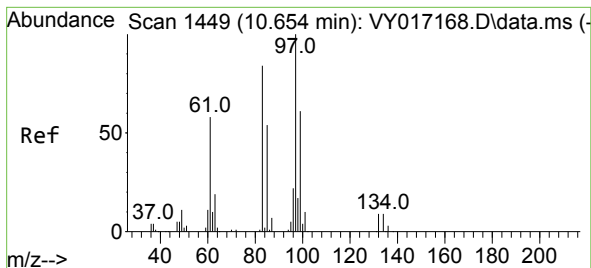
Tgt Ion: 75 Resp: 32670
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.012 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.006 min
 Lab File: VY017199.D
 Acq: 02 Feb 2024 22:13

Tgt Ion: 75 Resp: 39998
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.6 36.8
 39 41.5 33.6 50.4

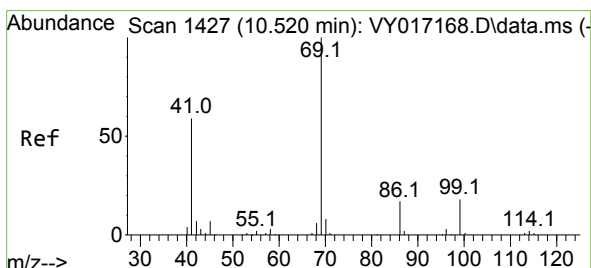
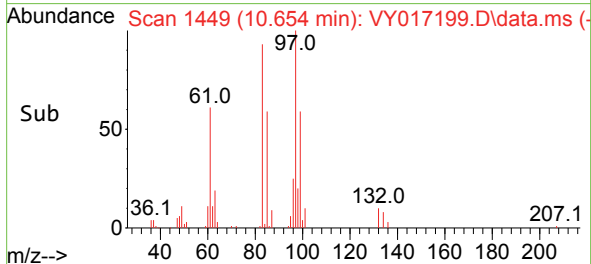
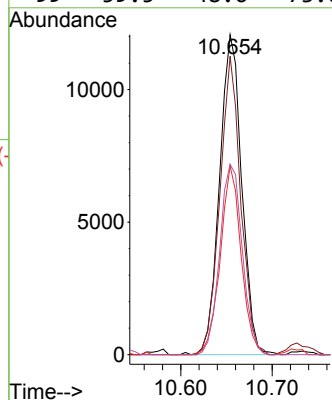
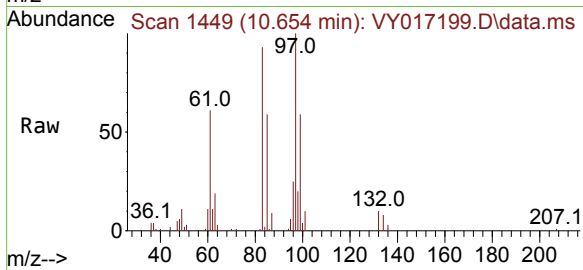




#55
1,1,2-Trichloroethane
Concen: 21.093 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

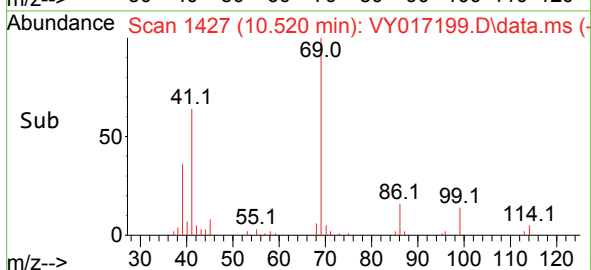
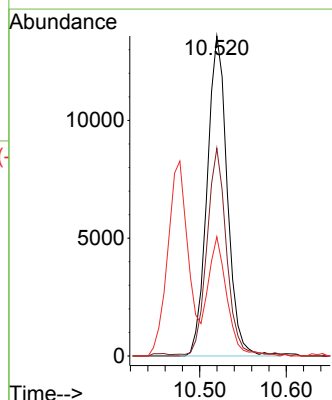
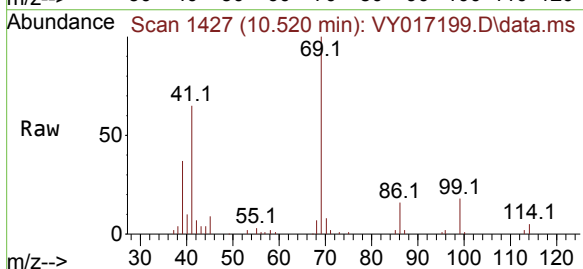
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBS02

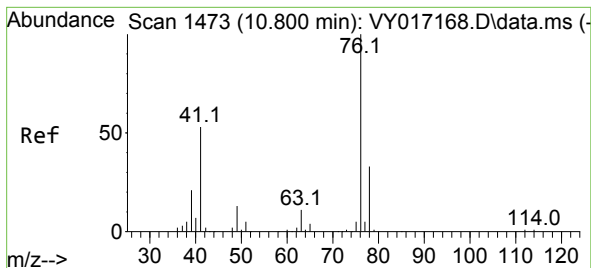
Tgt Ion: 97	Resp: 20372
Ion Ratio	Lower Upper
97 100	
83 93.2	69.4 104.2
85 59.0	43.9 65.9
99 59.5	48.6 73.0



#56
Ethyl methacrylate
Concen: 18.906 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

Tgt Ion: 69	Resp: 21985
Ion Ratio	Lower Upper
69 100	
41 61.6	49.2 73.8
39 34.3	26.8 40.2

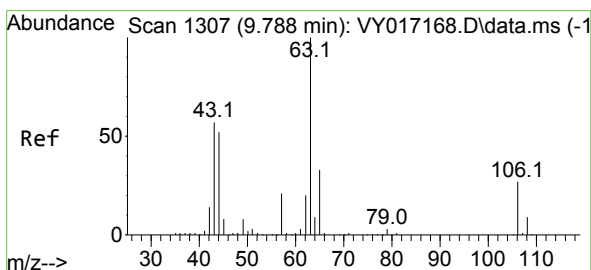
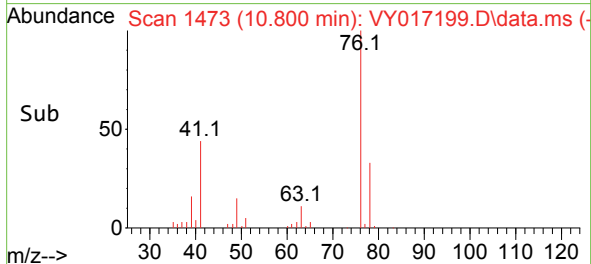
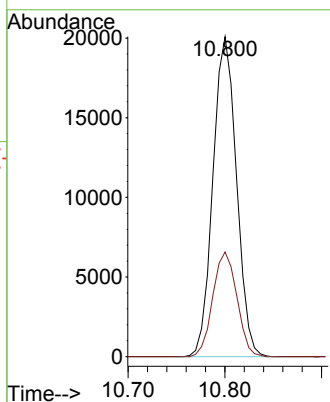
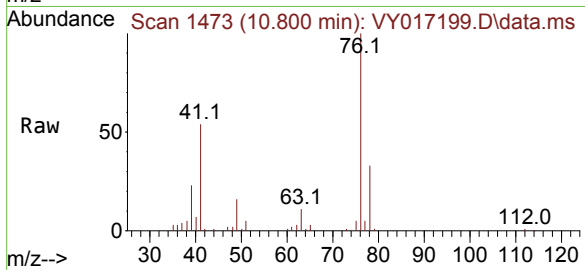




#57
1,3-Dichloropropane
Concen: 20.420 ug/l
RT: 10.800 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

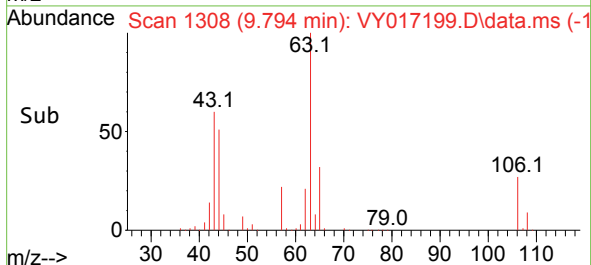
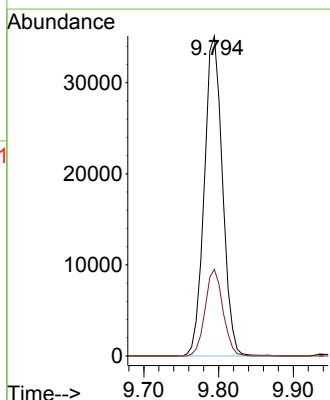
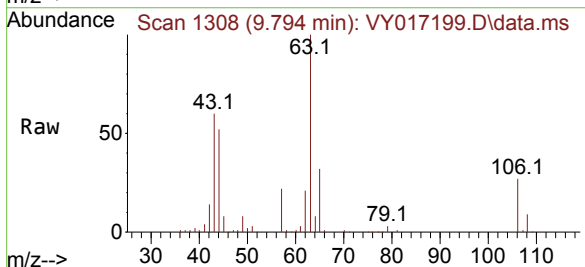
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBS02

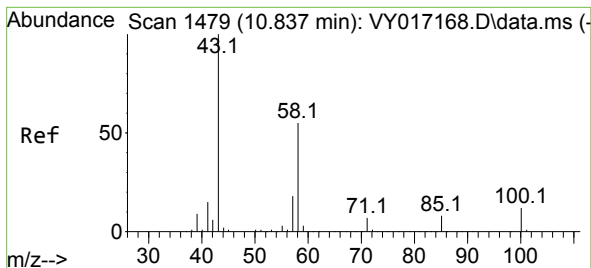
Tgt Ion: 76 Resp: 33922
Ion Ratio Lower Upper
76 100
78 33.5 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 98.594 ug/l
RT: 9.794 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

Tgt Ion: 63 Resp: 59323
Ion Ratio Lower Upper
63 100
106 26.6 22.4 33.6





#59

2-Hexanone

Concen: 90.729 ug/l

RT: 10.843 min Scan# 1479

Delta R.T. 0.006 min

Lab File: VY017199.D

Acq: 02 Feb 2024 22:13

Instrument :

MSVOA_Y

ClientSampleId :

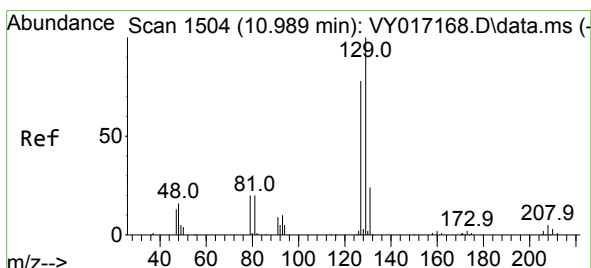
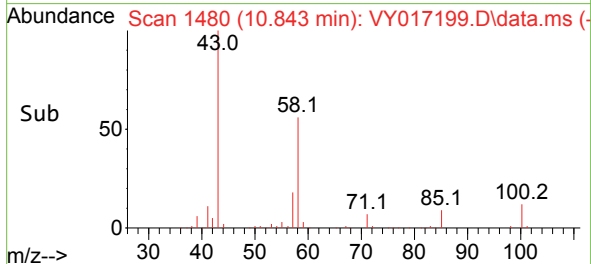
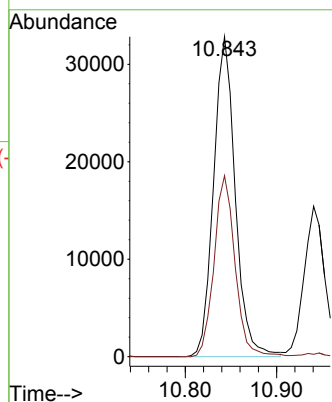
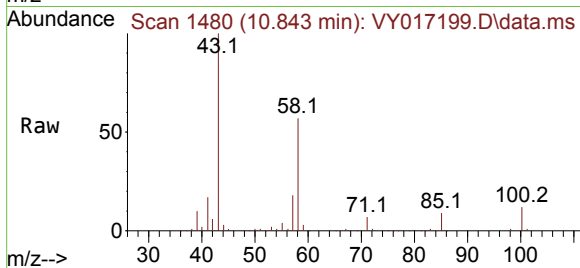
VY0202SBS02

Tgt Ion: 43 Resp: 54096

Ion Ratio Lower Upper

43 100

58 54.8 28.1 84.3



#60

Dibromochloromethane

Concen: 20.524 ug/l

RT: 10.995 min Scan# 1505

Delta R.T. 0.006 min

Lab File: VY017199.D

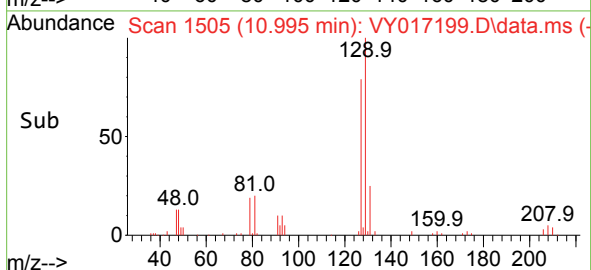
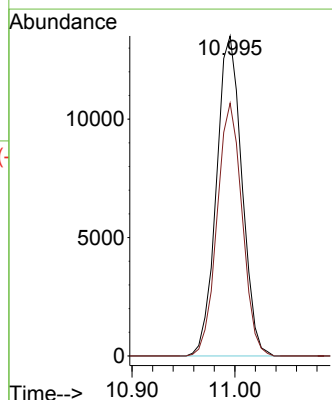
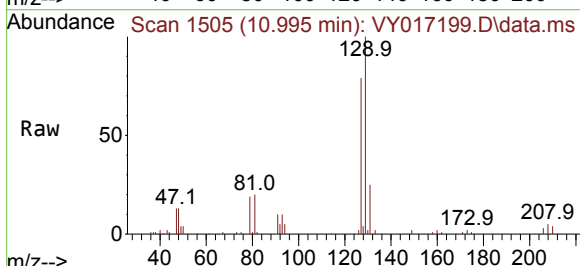
Acq: 02 Feb 2024 22:13

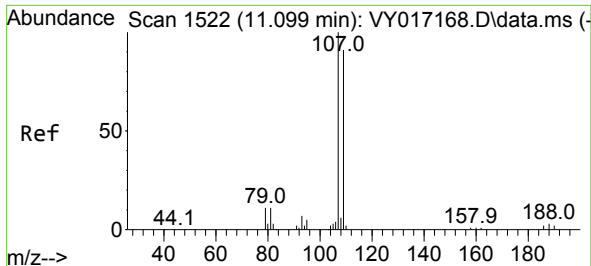
Tgt Ion:129 Resp: 23254

Ion Ratio Lower Upper

129 100

127 77.6 39.2 117.6

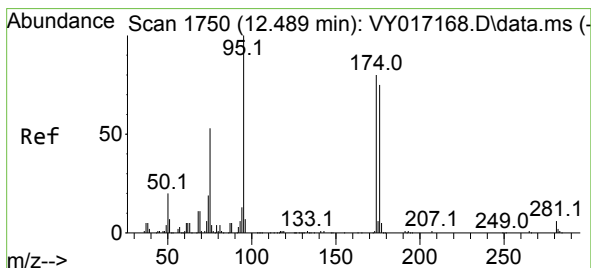
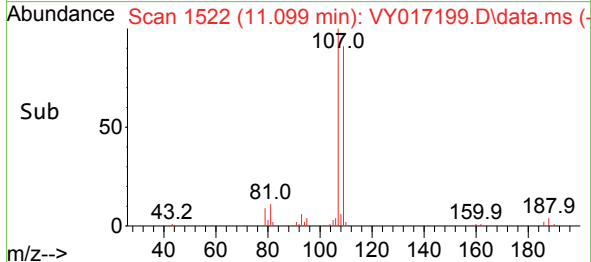
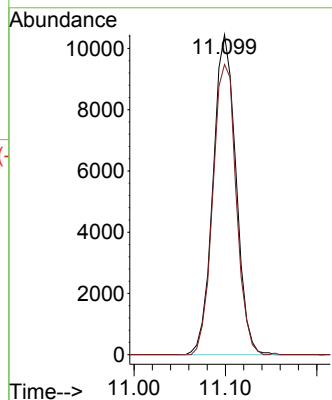
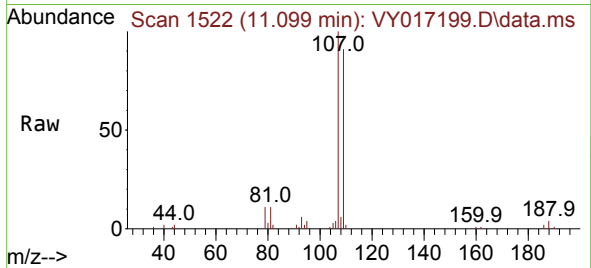




#61
1,2-Dibromoethane
Concen: 20.243 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

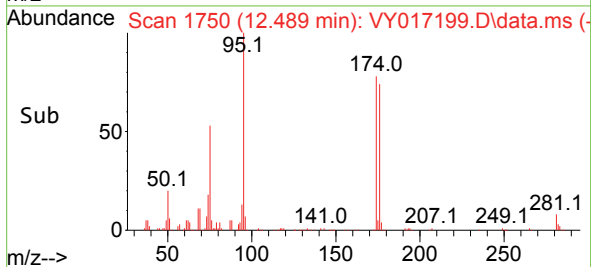
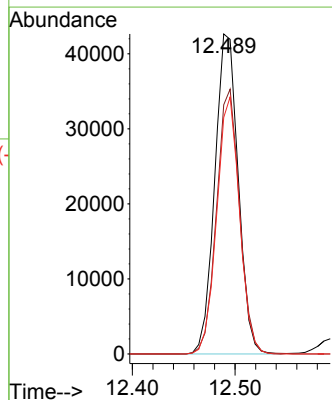
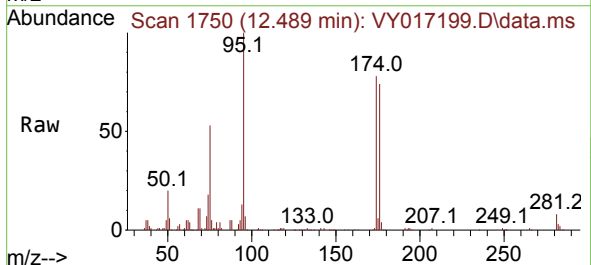
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBS02

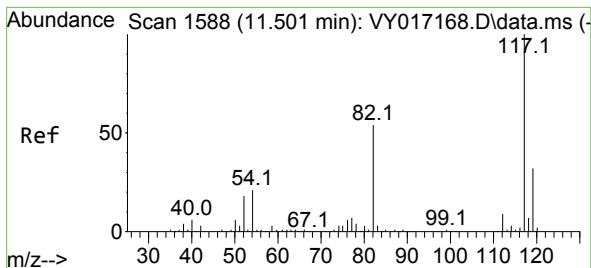
Tgt Ion:107 Resp: 18183
Ion Ratio Lower Upper
107 100
109 92.4 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 52.028 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

Tgt Ion: 95 Resp: 67398
Ion Ratio Lower Upper
95 100
174 81.2 0.0 160.0
176 78.0 0.0 151.8

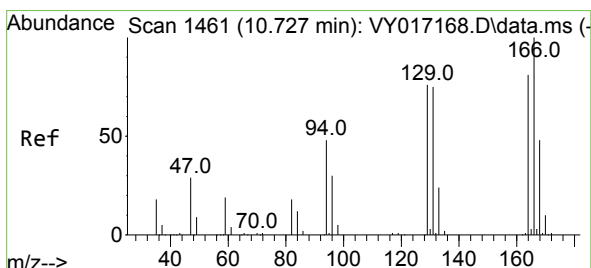
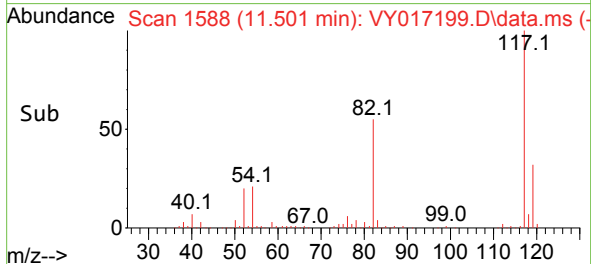
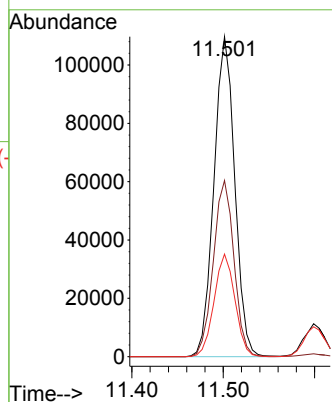
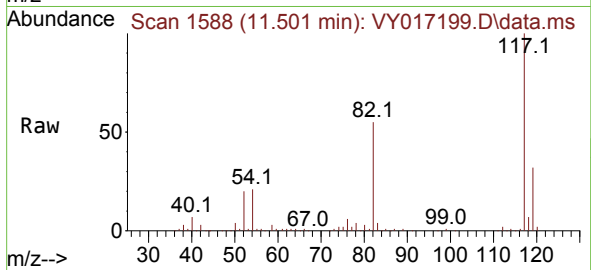




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

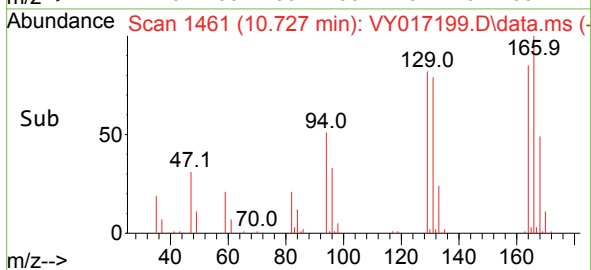
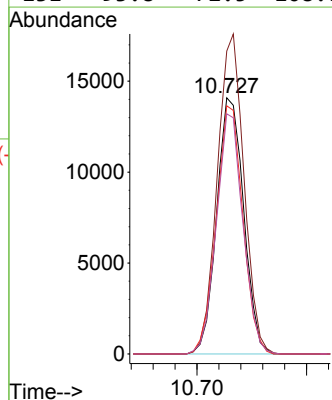
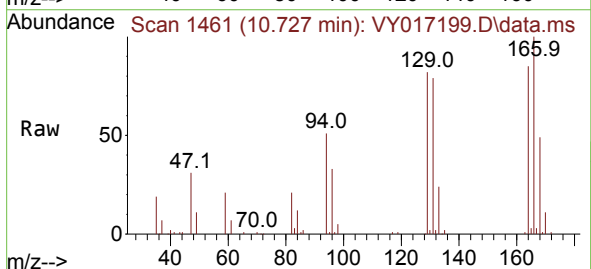
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBS02

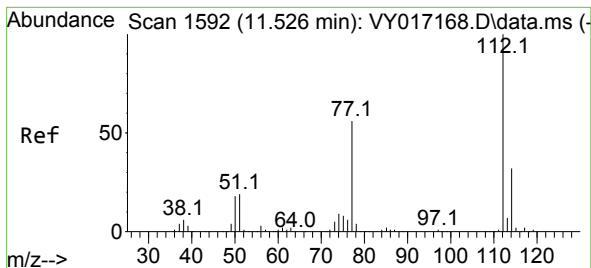
Tgt Ion:117 Resp: 173672
Ion Ratio Lower Upper
117 100
82 55.0 43.8 65.8
119 32.0 26.5 39.7



#64
Tetrachloroethene
Concen: 21.308 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

Tgt Ion:164 Resp: 24033
Ion Ratio Lower Upper
164 100
166 118.3 98.8 148.2
129 96.9 78.9 118.3
131 93.8 72.5 108.7





#65

Chlorobenzene

Concen: 20.641 ug/l

RT: 11.526 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017199.D

Acq: 02 Feb 2024 22:13

Instrument :

MSVOA_Y

ClientSampleId :

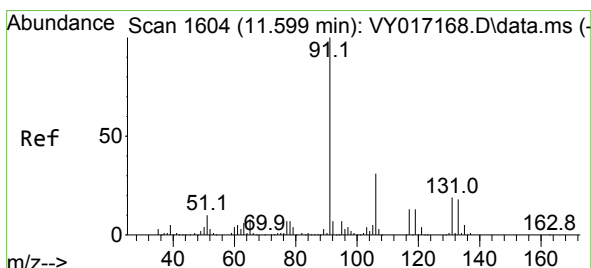
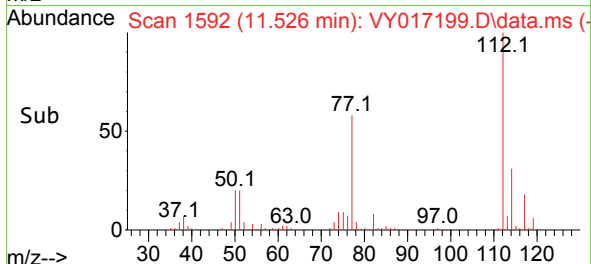
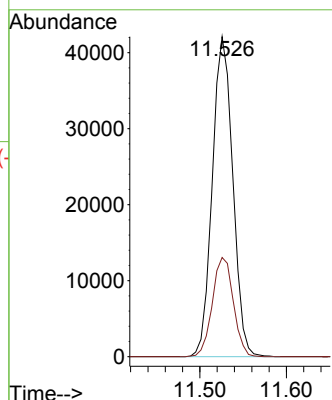
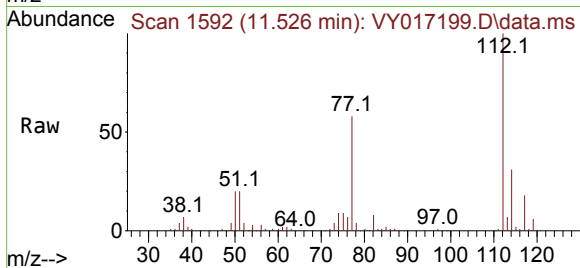
VY0202SBS02

Tgt Ion:112 Resp: 69151

Ion Ratio Lower Upper

112 100

114 31.0 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 20.595 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017199.D

Acq: 02 Feb 2024 22:13

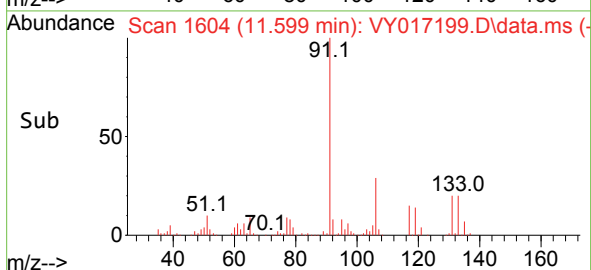
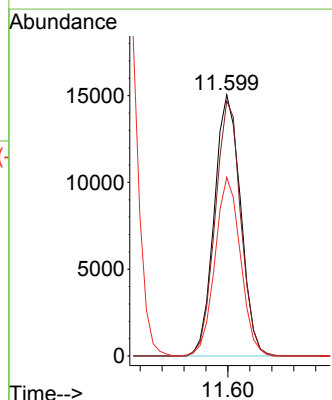
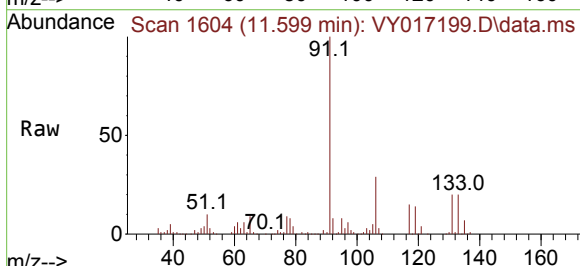
Tgt Ion:131 Resp: 25075

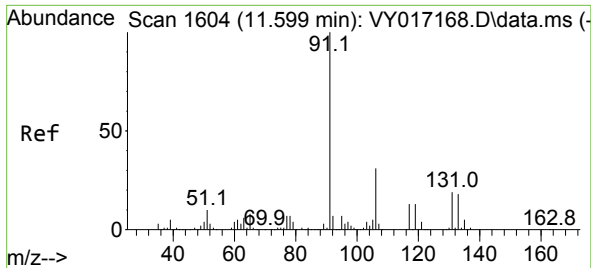
Ion Ratio Lower Upper

131 100

133 95.2 47.0 141.0

119 66.5 33.3 99.9

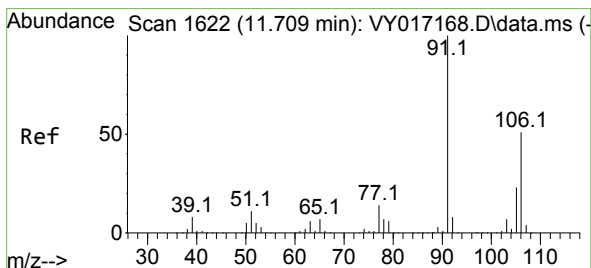
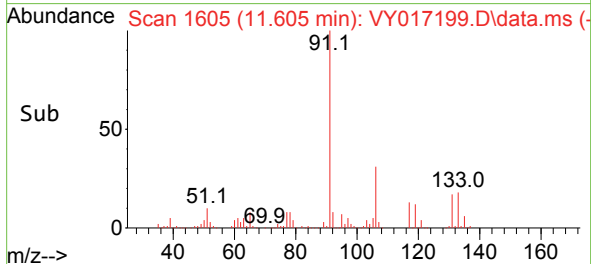
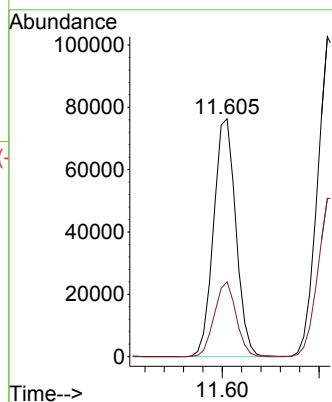
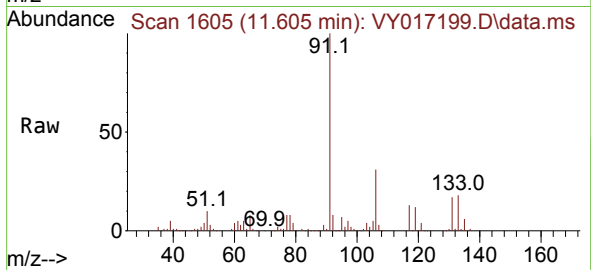




#67
Ethyl Benzene
Concen: 20.144 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

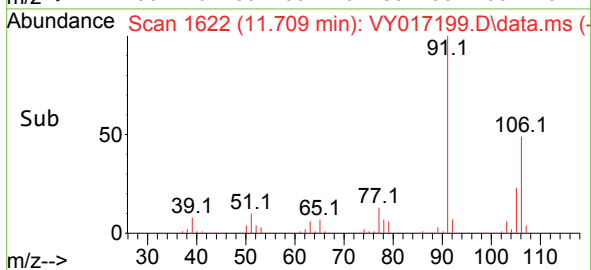
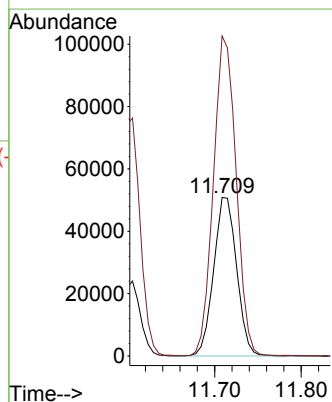
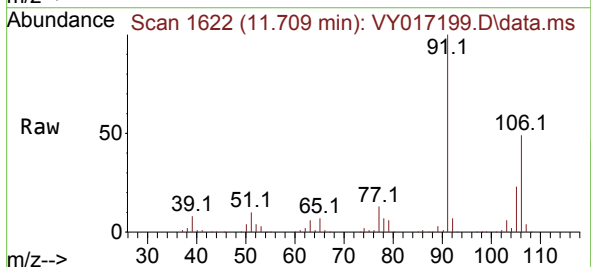
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBS02

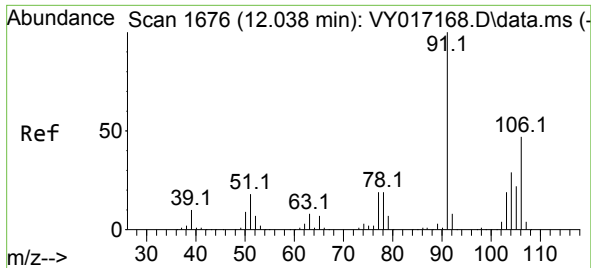
Tgt Ion: 91 Resp: 121969
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.4



#68
m/p-Xylenes
Concen: 40.718 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.000 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

Tgt Ion:106 Resp: 93562
Ion Ratio Lower Upper
106 100
91 200.7 160.7 241.1

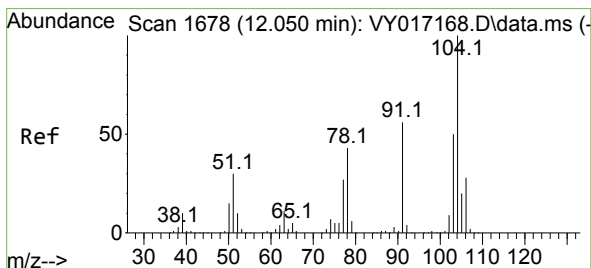
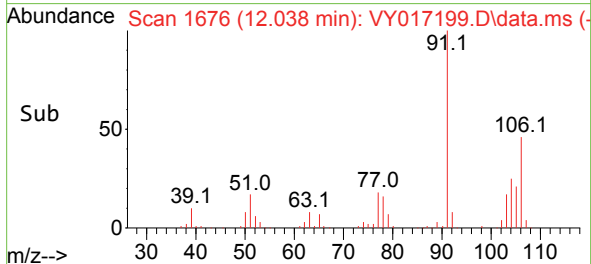
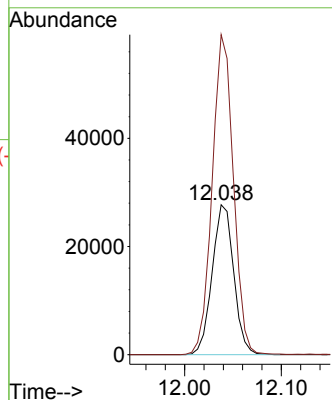
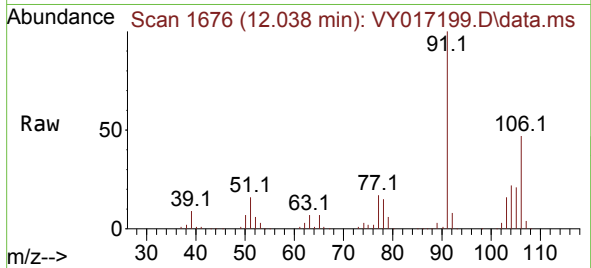




#69
o-Xylene
Concen: 20.285 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

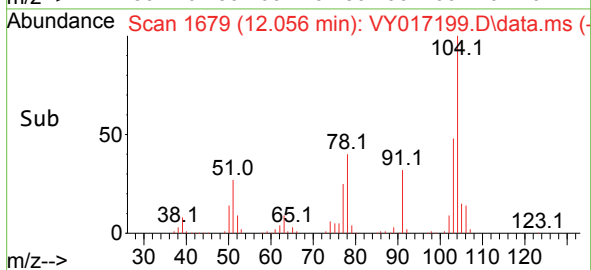
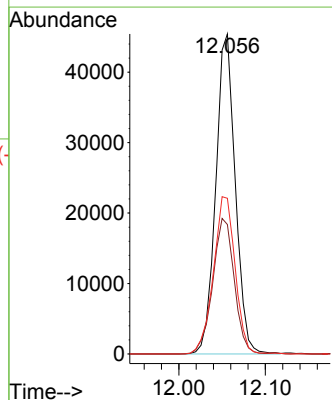
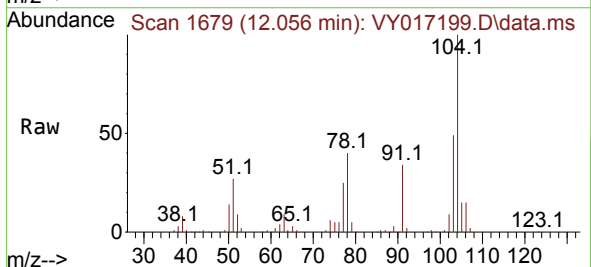
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBS02

Tgt Ion:106 Resp: 42924
Ion Ratio Lower Upper
106 100
91 210.0 106.5 319.5



#70
Styrene
Concen: 20.378 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

Tgt Ion:104 Resp: 71049
Ion Ratio Lower Upper
104 100
78 46.7 39.2 58.8
103 54.9 43.8 65.6





#71

Bromoform

Concen: 19.900 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. 0.006 min

Lab File: VY017199.D

Acq: 02 Feb 2024 22:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0202SBS02

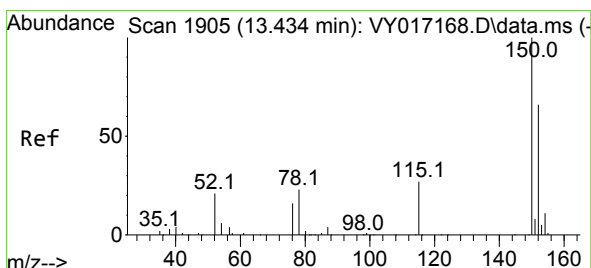
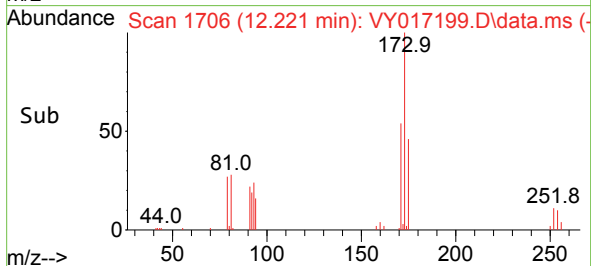
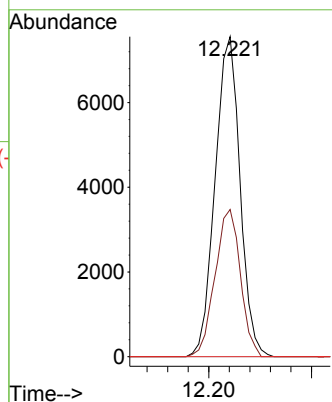
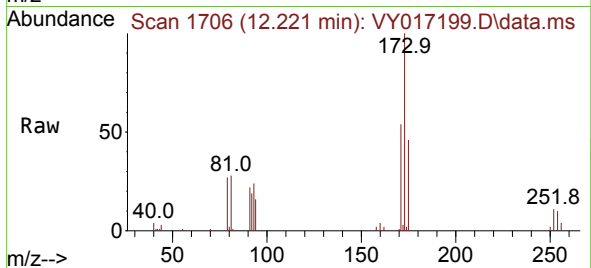
Tgt Ion:173 Resp: 12689

Ion Ratio Lower Upper

173 100

175 46.8 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017199.D

Acq: 02 Feb 2024 22:13

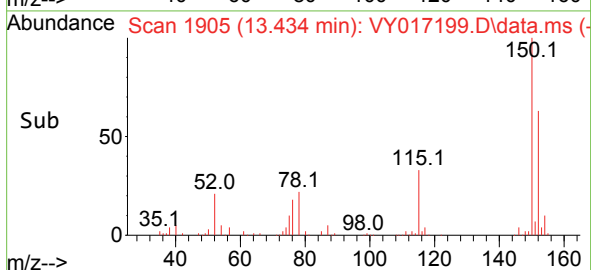
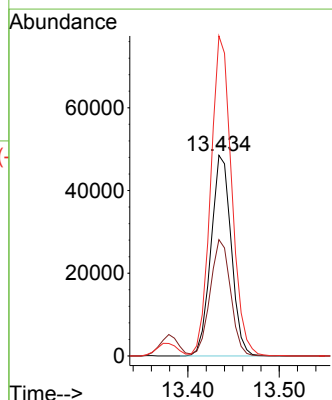
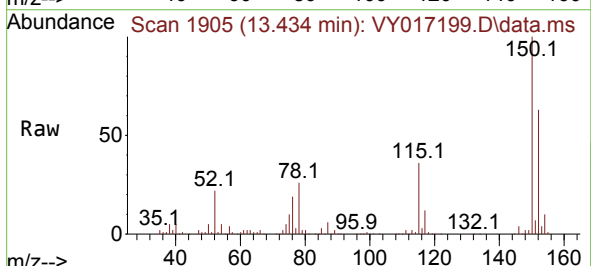
Tgt Ion:152 Resp: 74840

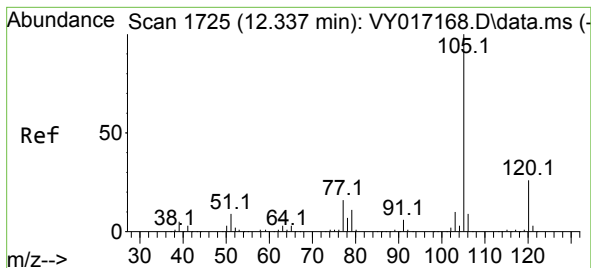
Ion Ratio Lower Upper

152 100

115 58.3 30.0 90.0

150 164.8 0.0 344.6





#73

Isopropylbenzene

Concen: 20.103 ug/l

RT: 12.343 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017199.D

Acq: 02 Feb 2024 22:13

Instrument :

MSVOA_Y

ClientSampleId :

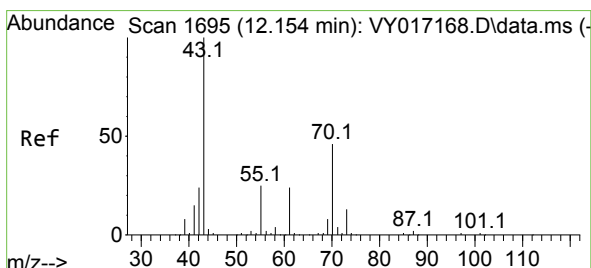
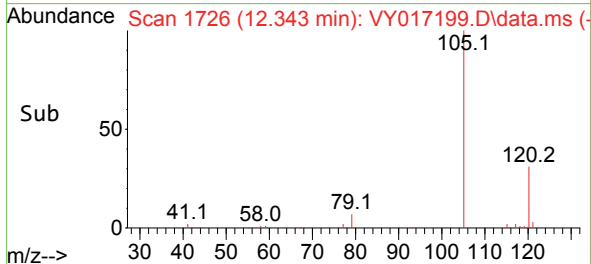
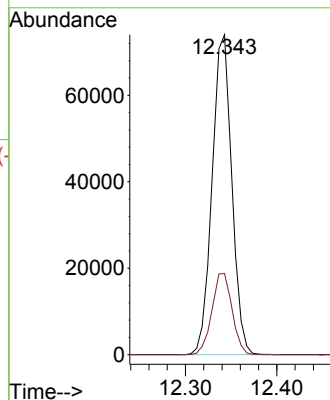
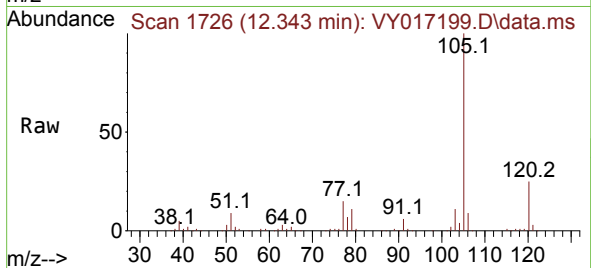
VY0202SBS02

Tgt Ion:105 Resp: 110529

Ion Ratio Lower Upper

105 100

120 26.1 13.0 39.0



#74

N-ethyl acetate

Concen: 19.408 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY017199.D

Acq: 02 Feb 2024 22:13

Tgt Ion: 43 Resp: 23976

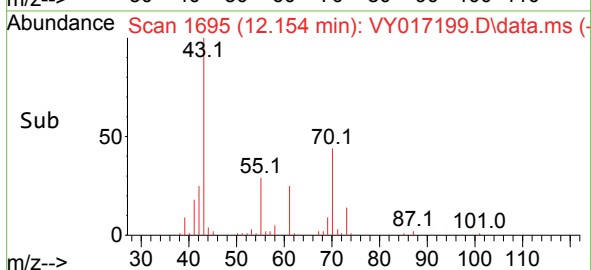
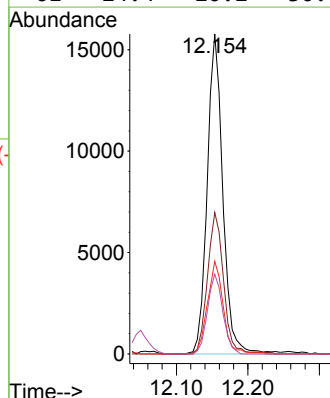
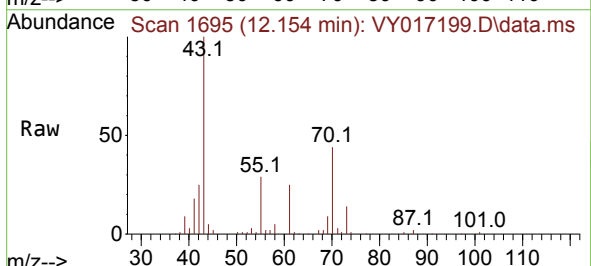
Ion Ratio Lower Upper

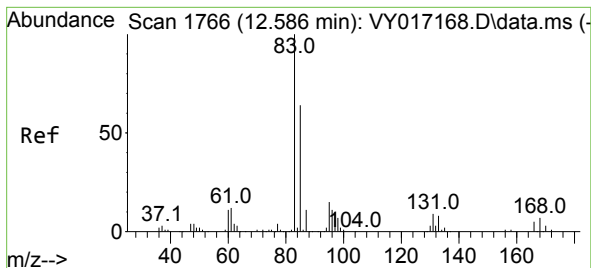
43 100

70 45.5 36.6 55.0

55 28.8 22.2 33.4

61 24.4 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.305 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.006 min

Lab File: VY017199.D

Acq: 02 Feb 2024 22:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0202SBS02

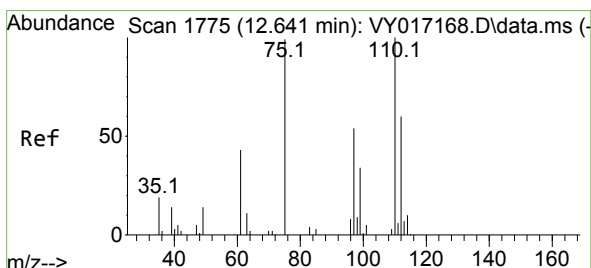
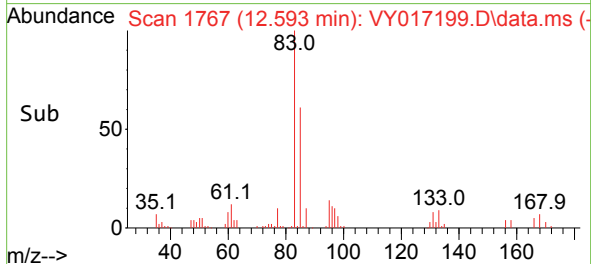
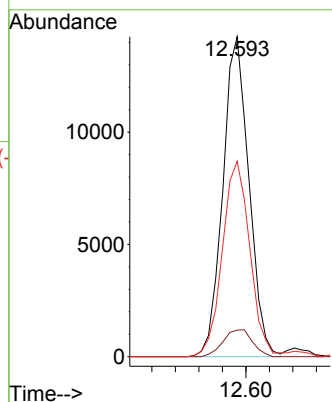
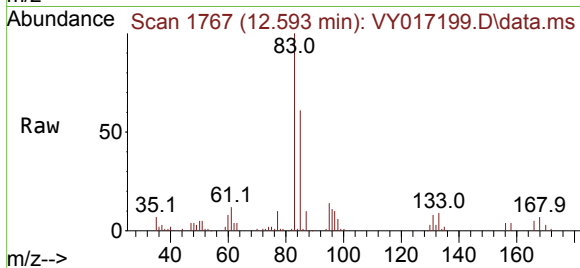
Tgt Ion: 83 Resp: 21957

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.6

85 64.5 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 37.784 ug/l

RT: 12.641 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY017199.D

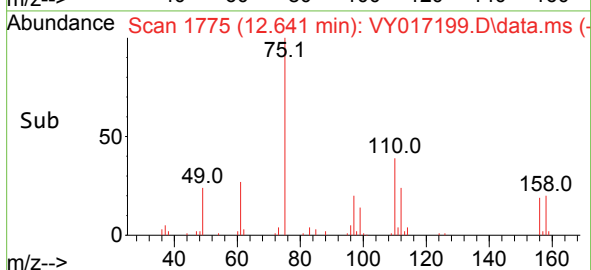
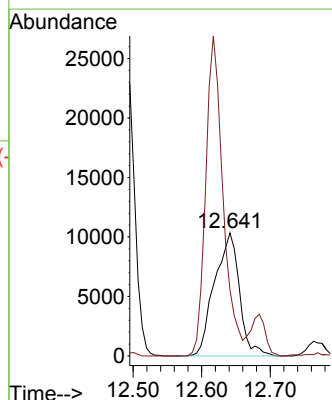
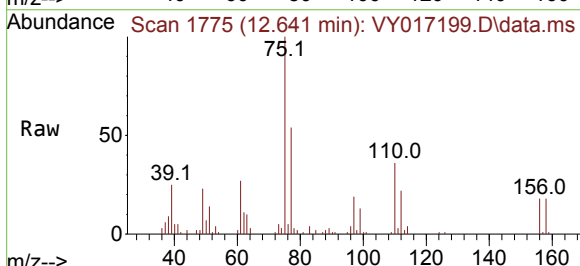
Acq: 02 Feb 2024 22:13

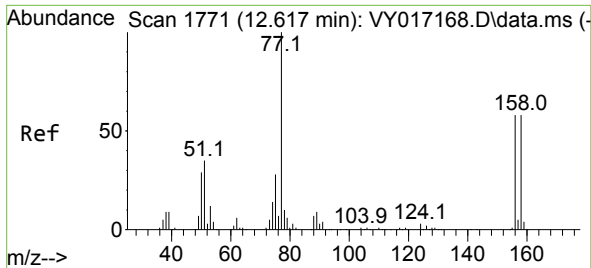
Tgt Ion: 75 Resp: 26100

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

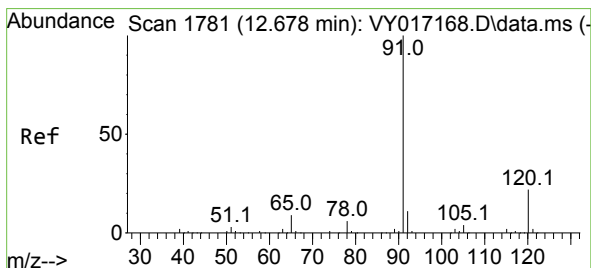
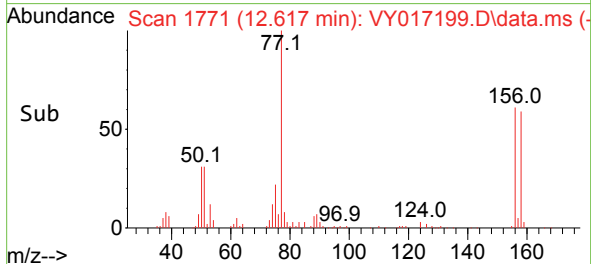
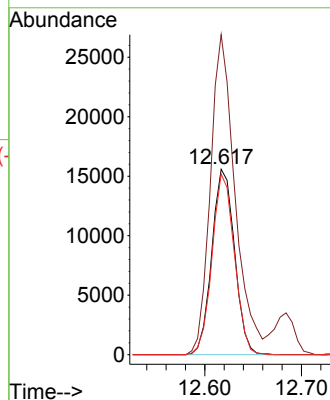
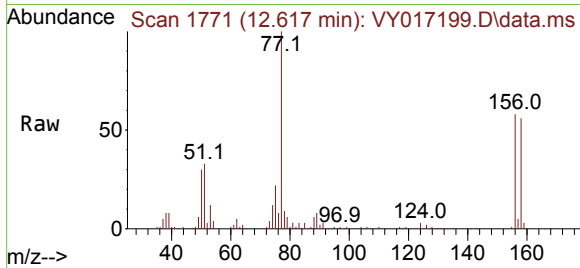




#77
Bromobenzene
Concen: 20.849 ug/l
RT: 12.617 min Scan# 1771
Delta R.T. -0.000 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

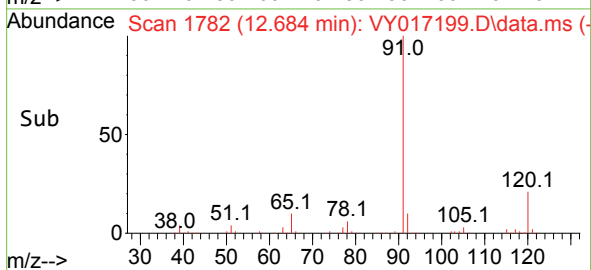
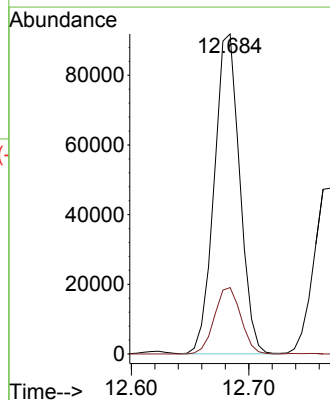
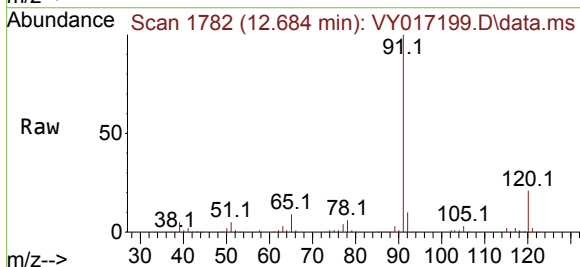
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBS02

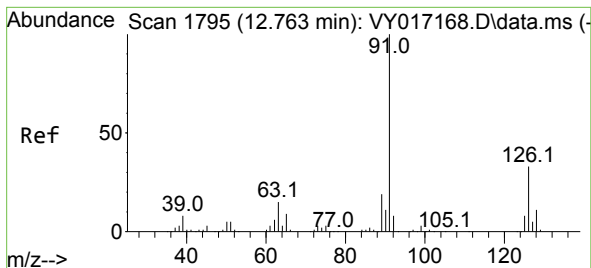
Tgt Ion	Ratio	Lower	Upper
156	100		
77	186.8	97.3	291.8
158	95.7	48.4	145.0



#78
n-propylbenzene
Concen: 20.519 ug/l
RT: 12.684 min Scan# 1782
Delta R.T. 0.006 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.4	11.0	33.0





#79

2-Chlorotoluene

Concen: 20.841 ug/l

RT: 12.769 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017199.D

Acq: 02 Feb 2024 22:13

Instrument :

MSVOA_Y

ClientSampleId :

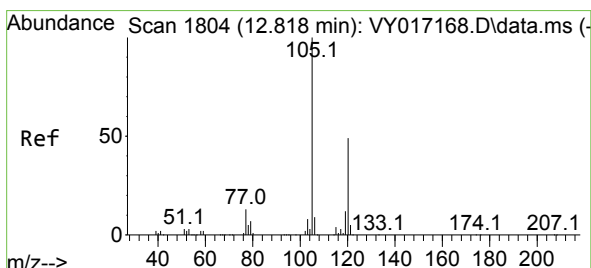
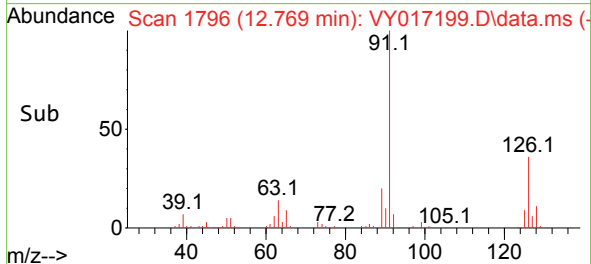
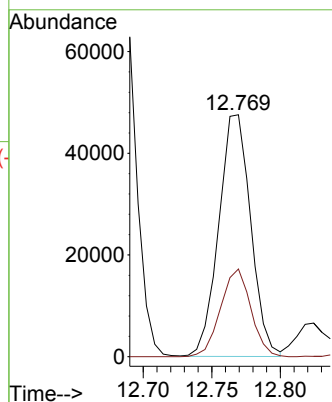
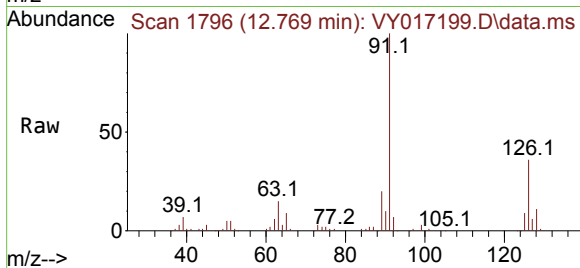
VY0202SBS02

Tgt Ion: 91 Resp: 77371

Ion Ratio Lower Upper

91 100

126 34.2 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 20.269 ug/l

RT: 12.824 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY017199.D

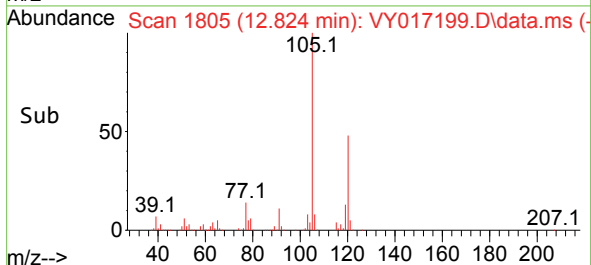
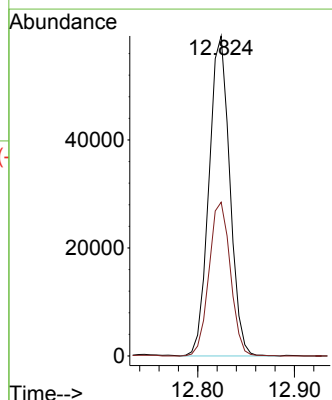
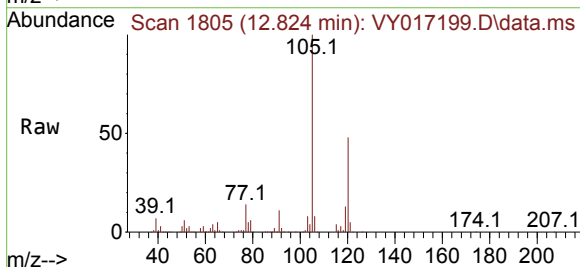
Acq: 02 Feb 2024 22:13

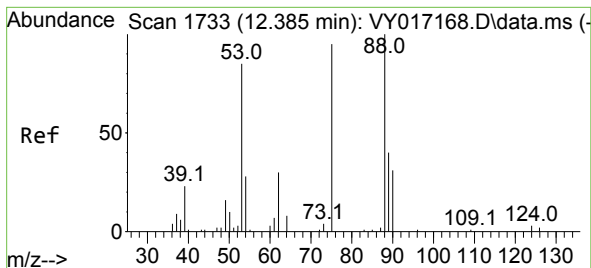
Tgt Ion:105 Resp: 88629

Ion Ratio Lower Upper

105 100

120 49.4 24.3 72.8

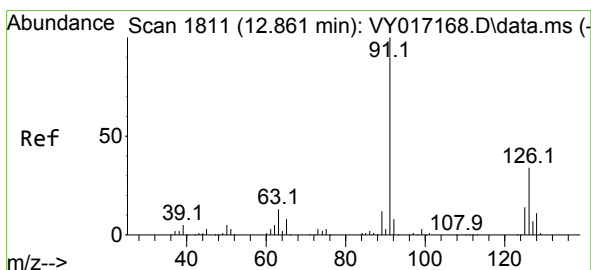
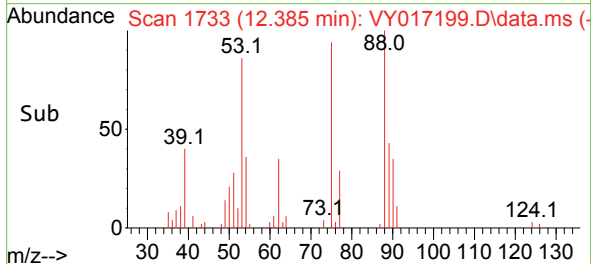
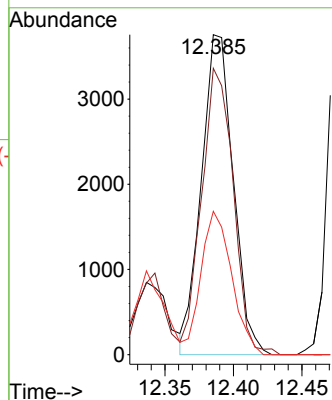
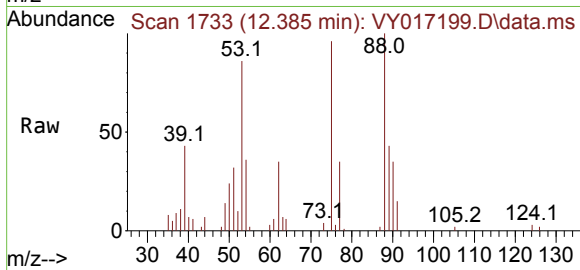




#81
trans-1,4-Dichloro-2-butene
Concen: 18.277 ug/l
RT: 12.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

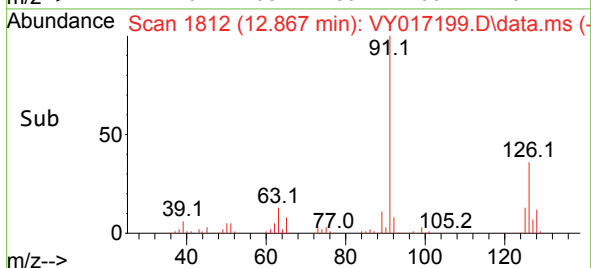
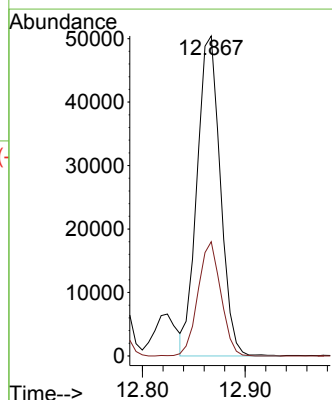
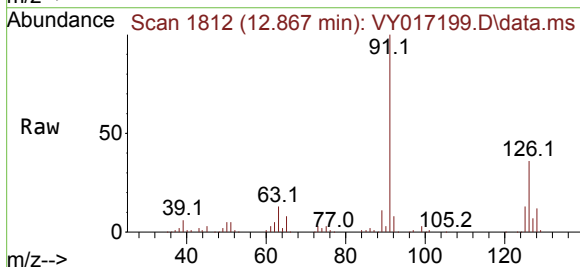
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBS02

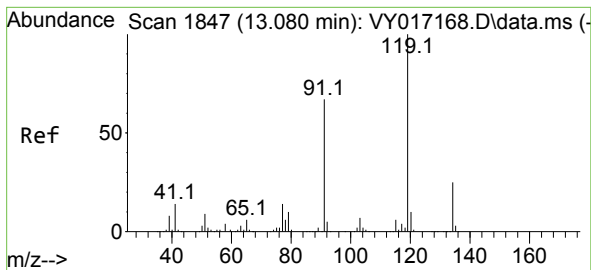
Tgt Ion: 75 Resp: 6076
Ion Ratio Lower Upper
75 100
53 88.8 74.0 111.0
89 43.4 36.5 54.7



#82
4-Chlorotoluene
Concen: 20.793 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

Tgt Ion: 91 Resp: 79444
Ion Ratio Lower Upper
91 100
126 35.0 17.1 51.2





#83

tert-Butylbenzene

Concen: 20.330 ug/l

RT: 13.086 min Scan# 119

Delta R.T. 0.006 min

Lab File: VY017199.D

Acq: 02 Feb 2024 22:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0202SBS02

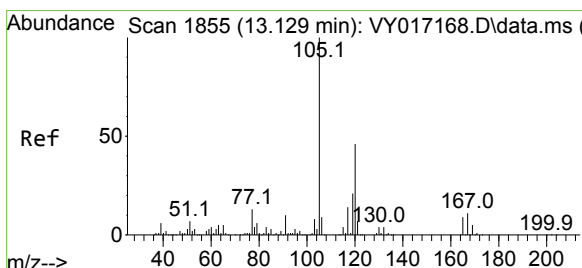
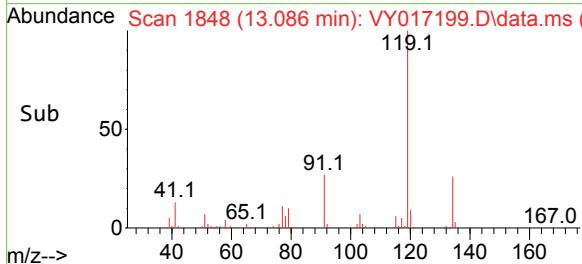
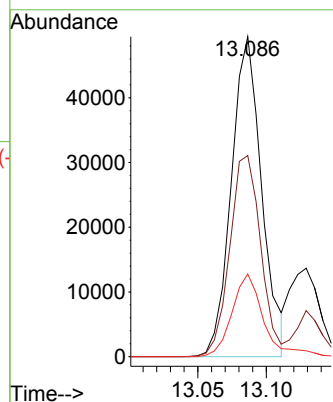
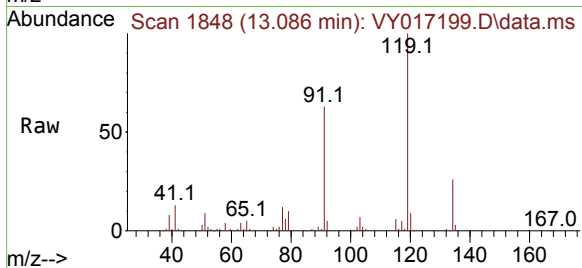
Tgt Ion:119 Resp: 76201

Ion Ratio Lower Upper

119 100

91 64.0 31.5 94.5

134 26.9 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 20.370 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY017199.D

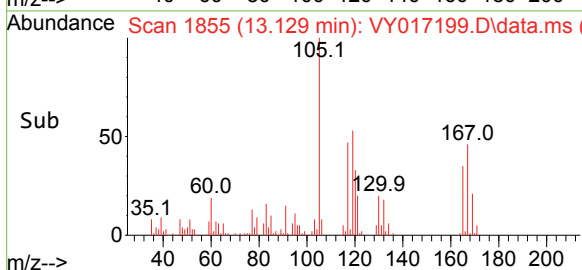
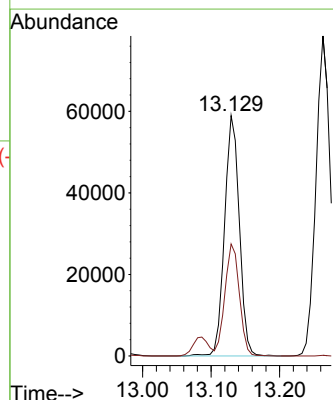
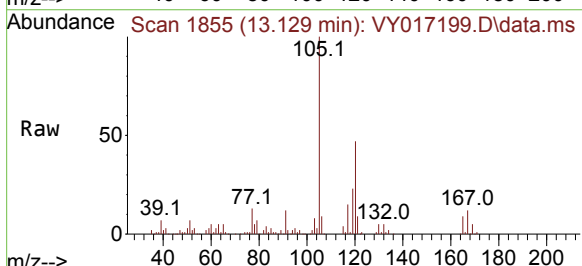
Acq: 02 Feb 2024 22:13

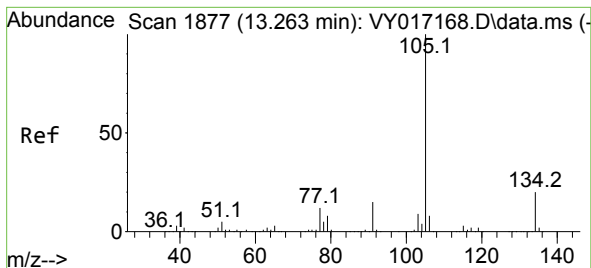
Tgt Ion:105 Resp: 87916

Ion Ratio Lower Upper

105 100

120 45.6 22.1 66.3





#85

sec-Butylbenzene

Concen: 19.598 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY017199.D

Acq: 02 Feb 2024 22:13

Instrument :

MSVOA_Y

ClientSampleId :

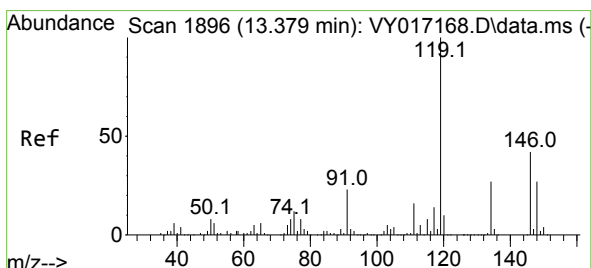
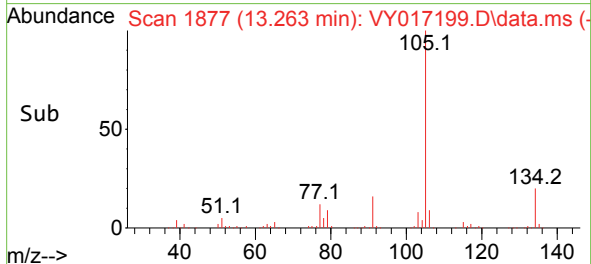
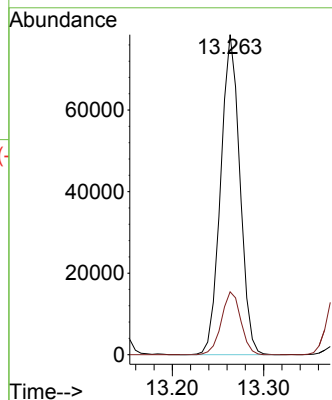
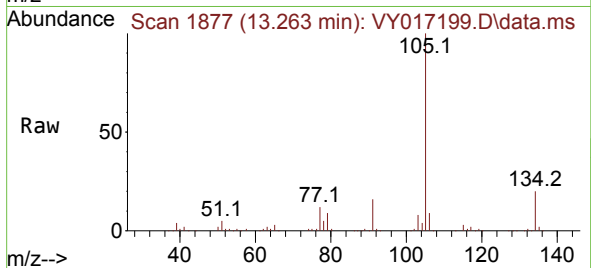
VY0202SBS02

Tgt Ion:105 Resp: 114806

Ion Ratio Lower Upper

105 100

134 19.8 9.7 28.9



#86

p-Isopropyltoluene

Concen: 19.828 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY017199.D

Acq: 02 Feb 2024 22:13

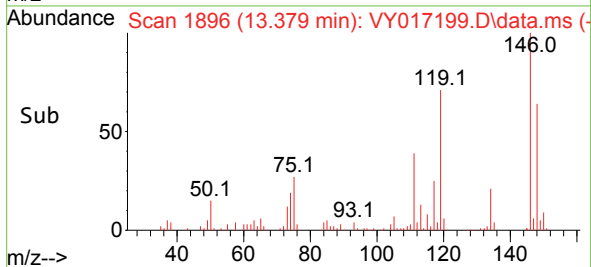
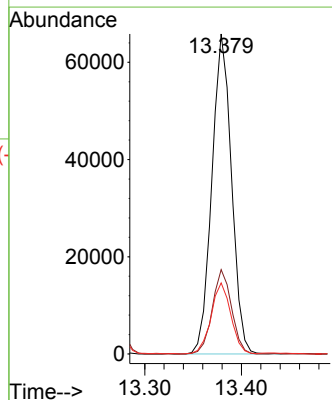
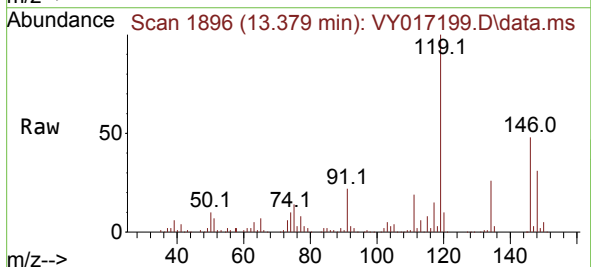
Tgt Ion:119 Resp: 92820

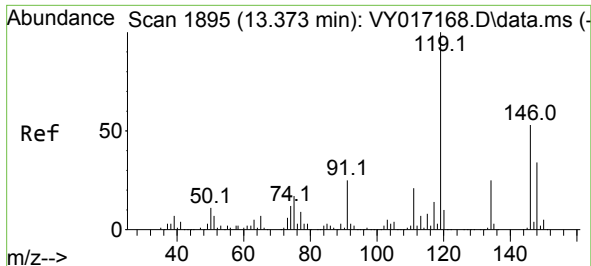
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.1

91 22.5 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 19.893 ug/l

RT: 13.379 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY017199.D

Acq: 02 Feb 2024 22:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0202SBS02

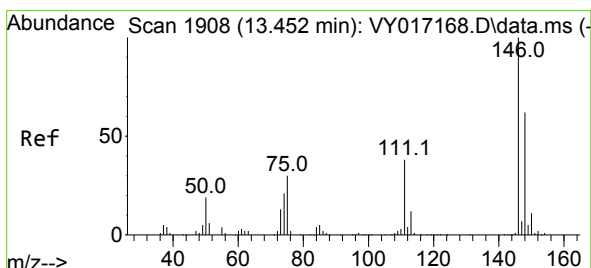
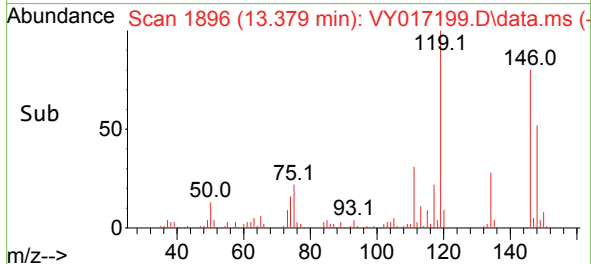
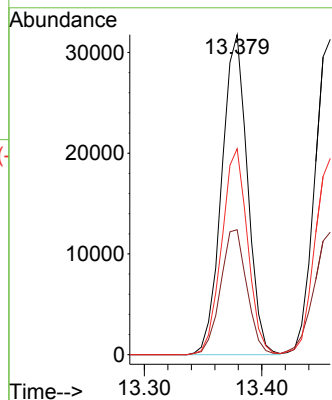
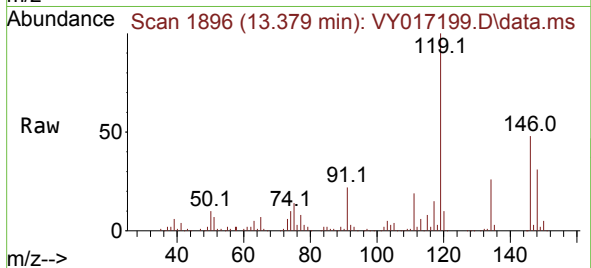
Tgt Ion:146 Resp: 48397

Ion Ratio Lower Upper

146 100

111 40.2 20.2 60.5

148 64.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 20.756 ug/l

RT: 13.458 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY017199.D

Acq: 02 Feb 2024 22:13

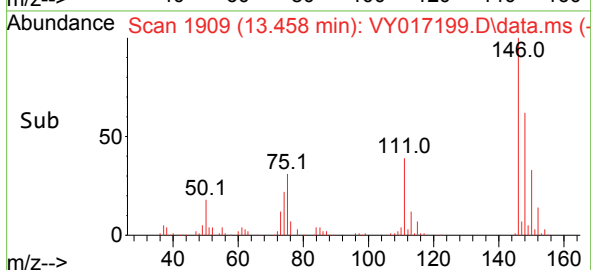
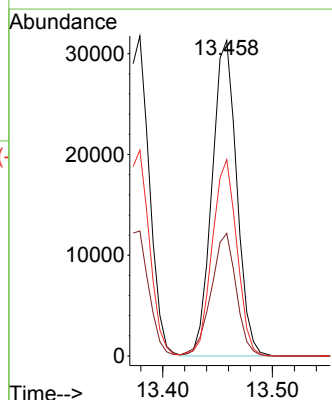
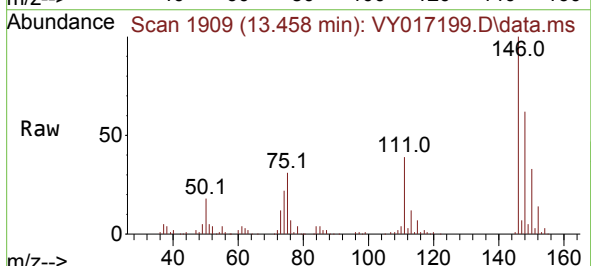
Tgt Ion:146 Resp: 49058

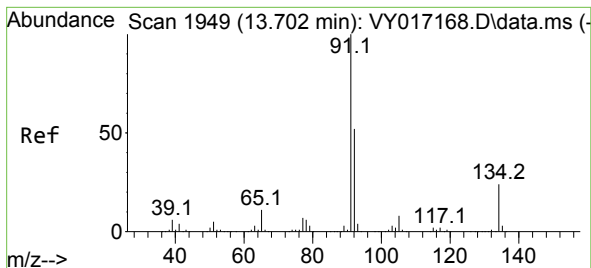
Ion Ratio Lower Upper

146 100

111 39.6 19.3 57.9

148 62.4 31.6 94.7

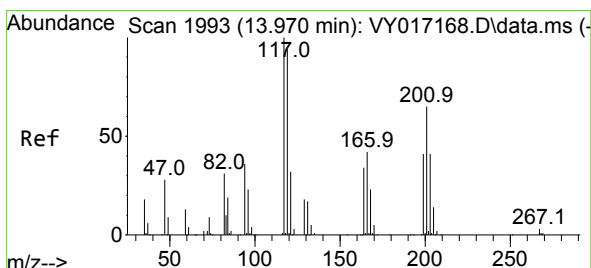
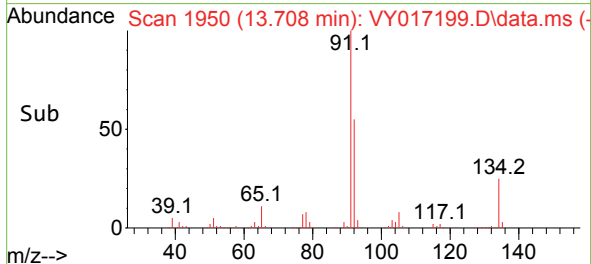
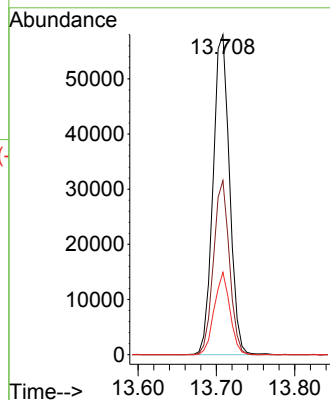
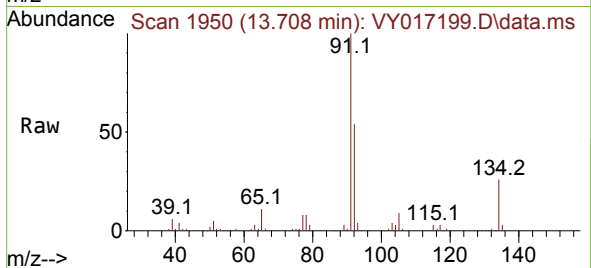




#89
n-Butylbenzene
Concen: 19.069 ug/l
RT: 13.708 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

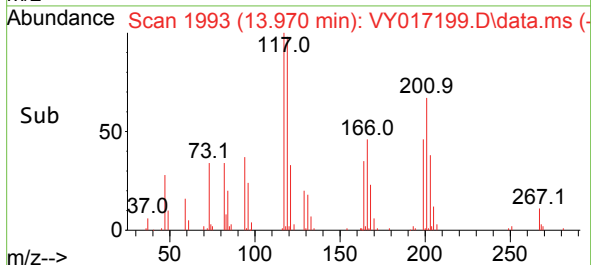
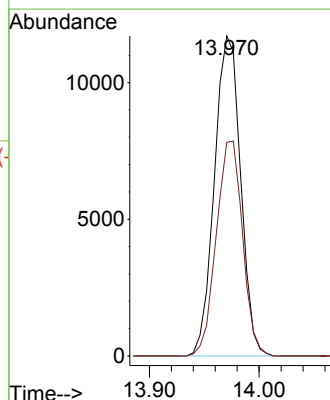
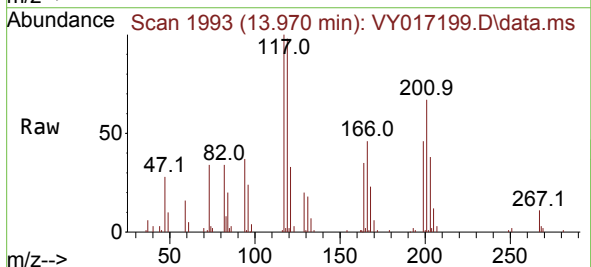
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBS02

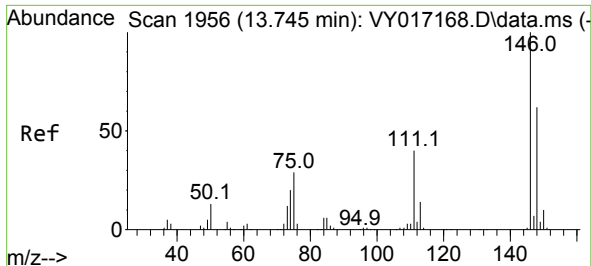
Tgt Ion: 91 Resp: 84874
Ion Ratio Lower Upper
91 100
92 52.4 26.4 79.2
134 24.5 12.3 36.8



#90
Hexachloroethane
Concen: 20.212 ug/l
RT: 13.970 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VY017199.D
Acq: 02 Feb 2024 22:13

Tgt Ion: 117 Resp: 19424
Ion Ratio Lower Upper
117 100
201 67.6 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 20.664 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY017199.D

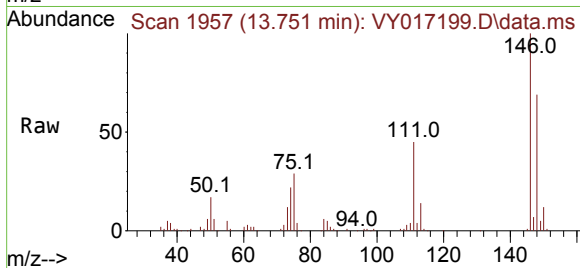
Acq: 02 Feb 2024 22:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0202SBS02



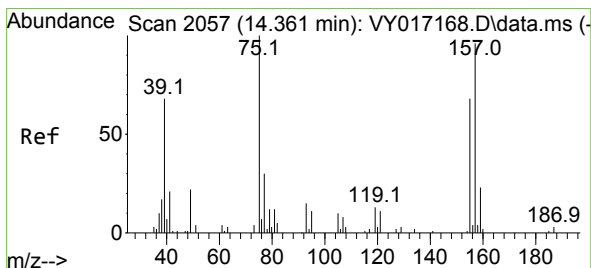
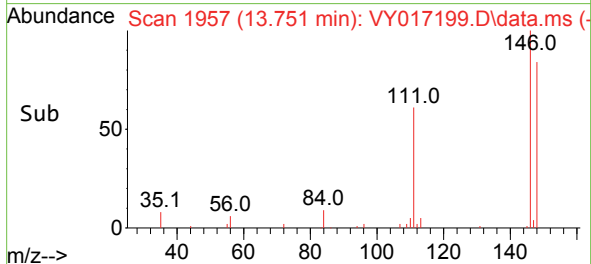
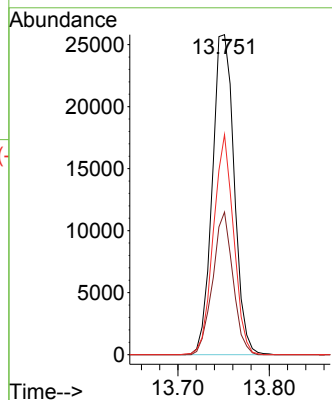
Tgt Ion:146 Resp: 42797

Ion Ratio Lower Upper

146 100

111 41.1 20.5 61.6

148 63.7 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.573 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VY017199.D

Acq: 02 Feb 2024 22:13

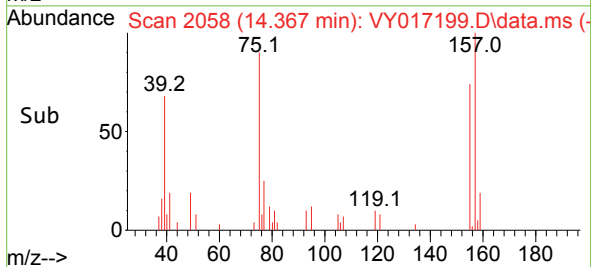
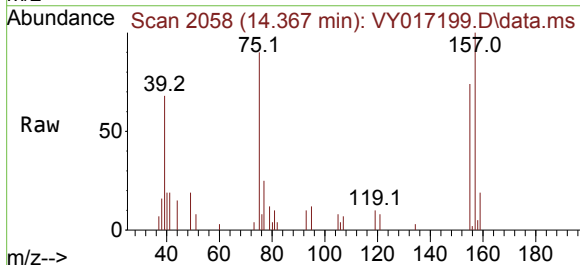
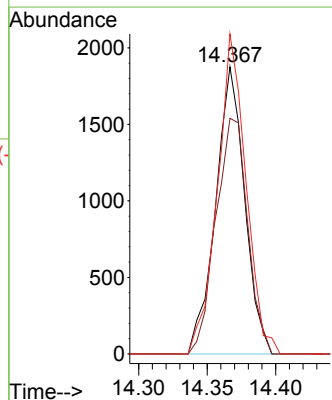
Tgt Ion: 75 Resp: 2757

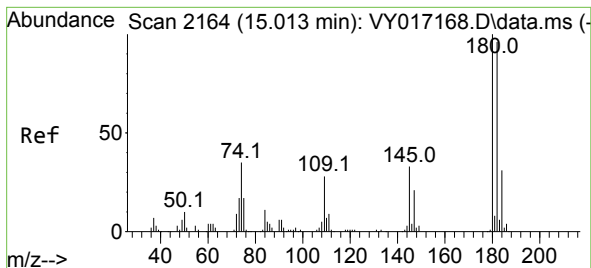
Ion Ratio Lower Upper

75 100

155 90.0 42.1 126.3

157 109.8 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 19.793 ug/l

RT: 15.019 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY017199.D

Acq: 02 Feb 2024 22:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0202SBS02

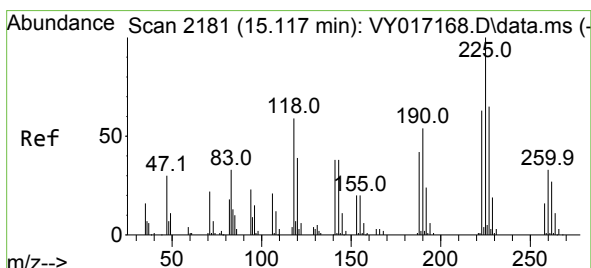
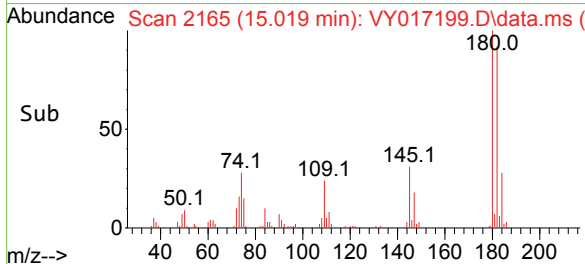
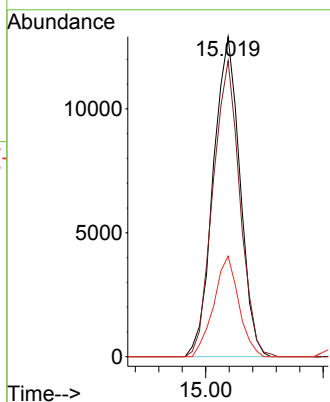
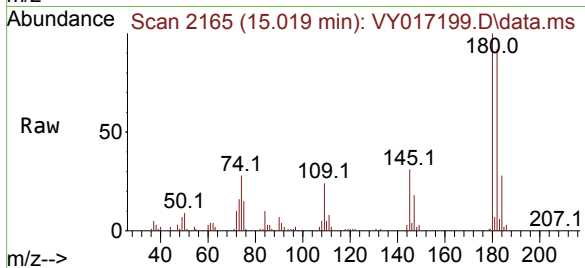
Tgt Ion:180 Resp: 20362

Ion Ratio Lower Upper

180 100

182 93.0 47.9 143.7

145 29.5 15.9 47.7



#94

Hexachlorobutadiene

Concen: 19.208 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY017199.D

Acq: 02 Feb 2024 22:13

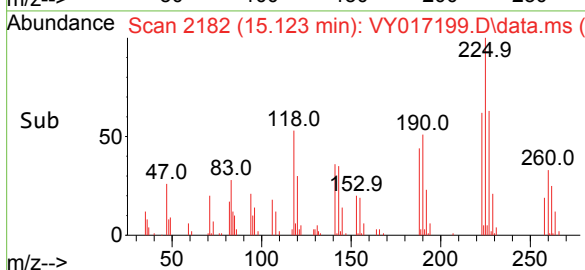
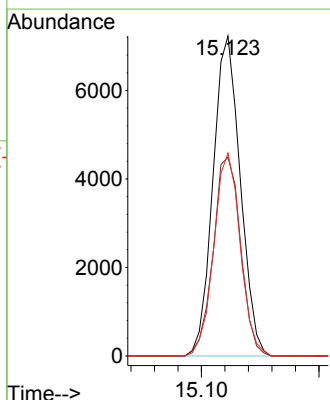
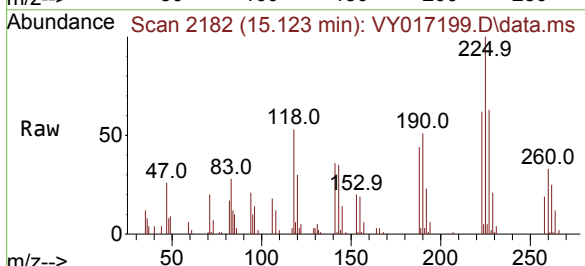
Tgt Ion:225 Resp: 11638

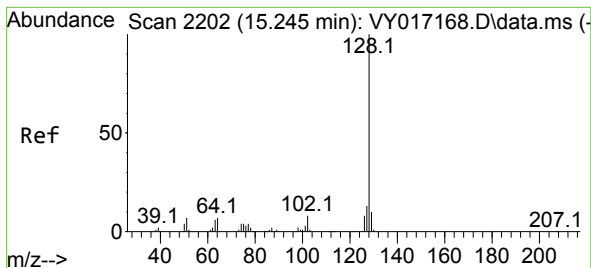
Ion Ratio Lower Upper

225 100

223 62.7 31.4 94.3

227 61.4 32.3 96.8





#95

Naphthalene

Concen: 19.255 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY017199.D

Acq: 02 Feb 2024 22:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0202SBS02

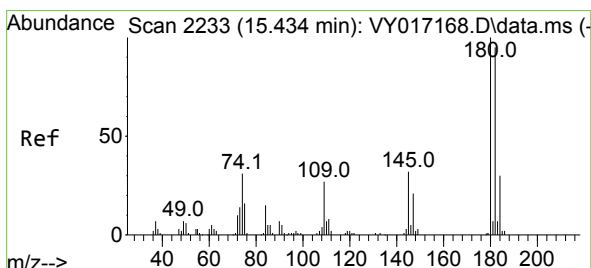
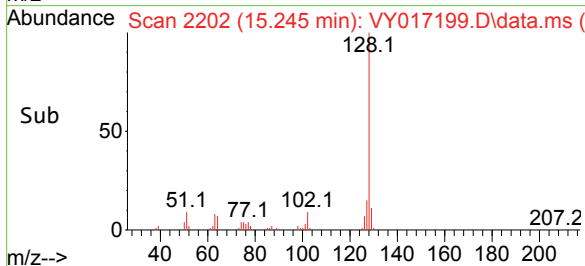
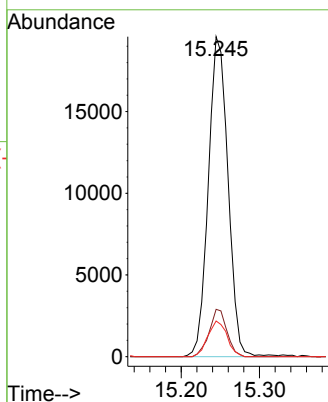
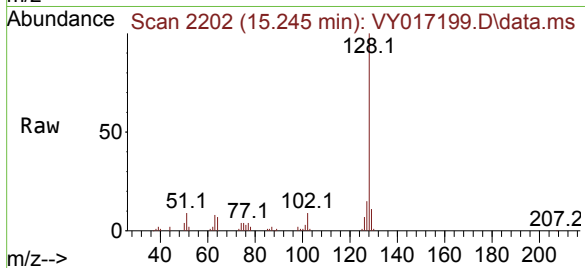
Tgt Ion:128 Resp: 34119

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.4

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.024 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY017199.D

Acq: 02 Feb 2024 22:13

Tgt Ion:180 Resp: 16645

Ion Ratio Lower Upper

180 100

182 95.7 46.3 138.8

145 32.4 16.1 48.2

