

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032624\
 Data File : VY017762.D
 Acq On : 26 Mar 2024 11:31
 Operator : SY/MD
 Sample : VY0326SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0326SBS01

Quant Time: Mar 27 01:27:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	169023	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.703	114	267227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	233968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	112583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	81581	55.403	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.800%
35) Dibromofluoromethane	7.734	113	85118	53.286	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.580%
50) Toluene-d8	10.191	98	325117	53.180	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.360%
62) 4-Bromofluorobenzene	12.489	95	100039	54.494	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.980%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	28445	19.493	ug/l	96
3) Chloromethane	2.125	50	38030	20.118	ug/l	97
4) Vinyl Chloride	2.260	62	45340	19.837	ug/l	98
5) Bromomethane	2.656	94	37739	21.147	ug/l	96
6) Chloroethane	2.802	64	30938	20.254	ug/l	96
7) Trichlorofluoromethane	3.137	101	49070	20.369	ug/l	97
8) Diethyl Ether	3.540	74	17166	21.613	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.918	101	33582	19.582	ug/l	99
10) Methyl Iodide	4.113	142	36068	17.205	ug/l	98
11) Tert butyl alcohol	4.960	59	12843	131.129	ug/l #	87
12) 1,1-Dichloroethene	3.887	96	30978	19.204	ug/l	99
13) Acrolein	3.747	56	14497	122.793	ug/l	98
14) Allyl chloride	4.497	41	41485	18.976	ug/l	96
15) Acrylonitrile	5.180	53	35339	107.408	ug/l	97
16) Acetone	3.960	43	28764	111.682	ug/l	99
17) Carbon Disulfide	4.210	76	90316	16.733	ug/l	97
18) Methyl Acetate	4.497	43	14341	22.116	ug/l	94
19) Methyl tert-butyl Ether	5.241	73	72829	20.940	ug/l	98
20) Methylene Chloride	4.735	84	37960	20.266	ug/l	95
21) trans-1,2-Dichloroethene	5.235	96	34877	18.966	ug/l	97
22) Diisopropyl ether	6.137	45	95198	20.000	ug/l	93
23) Vinyl Acetate	6.082	43	285530	102.132	ug/l	99
24) 1,1-Dichloroethane	6.033	63	60905	19.467	ug/l	96
25) 2-Butanone	7.003	43	43019	103.163	ug/l	93
26) 2,2-Dichloropropane	6.996	77	50303	18.915	ug/l	99
27) cis-1,2-Dichloroethene	7.003	96	39365	18.924	ug/l	96
28) Bromochloromethane	7.350	49	27454	22.635	ug/l	94
29) Tetrahydrofuran	7.368	42	28185	105.017	ug/l	91
30) Chloroform	7.521	83	62709	19.335	ug/l	99
31) Cyclohexane	7.795	56	51379	17.642	ug/l	95
32) 1,1,1-Trichloroethane	7.716	97	55399	19.613	ug/l	98
36) 1,1-Dichloropropene	7.929	75	46051	18.661	ug/l	97
37) Ethyl Acetate	7.094	43	20592	21.715	ug/l	98
38) Carbon Tetrachloride	7.917	117	49218	19.048	ug/l	94
39) Methylcyclohexane	9.197	83	55800	17.614	ug/l	96
40) Benzene	8.173	78	141003	19.088	ug/l	100

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 ClientSampleId :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	10420	22.245	ug/l #	85
42) 1,2-Dichloroethane	8.246	62	36479	20.617	ug/l	97
43) Isopropyl Acetate	8.283	43	37213	20.267	ug/l	96
44) Trichloroethene	8.953	130	37753	19.539	ug/l	99
45) 1,2-Dichloropropane	9.228	63	32587	19.361	ug/l	97
46) Dibromomethane	9.313	93	19078	20.341	ug/l	97
47) Bromodichloromethane	9.508	83	48276	20.130	ug/l	100
48) Methyl methacrylate	9.307	41	16648	19.863	ug/l	94
49) 1,4-Dioxane	9.313	88	4021	440.612	ug/l #	97
51) 4-Methyl-2-Pentanone	10.081	43	100025	102.609	ug/l	96
52) Toluene	10.258	92	87863	19.249	ug/l	100
53) t-1,3-Dichloropropene	10.478	75	41849	19.953	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	50044	19.533	ug/l	94
55) 1,1,2-Trichloroethane	10.654	97	25201	21.004	ug/l	92
56) Ethyl methacrylate	10.520	69	31504	19.487	ug/l	95
57) 1,3-Dichloropropane	10.801	76	43868	21.227	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	84280	105.584	ug/l	99
59) 2-Hexanone	10.843	43	67651	101.253	ug/l	95
60) Dibromochloromethane	10.996	129	32654	20.347	ug/l	99
61) 1,2-Dibromoethane	11.099	107	22991	20.411	ug/l	98
64) Tetrachloroethene	10.734	164	42915	19.834	ug/l	97
65) Chlorobenzene	11.526	112	97025	19.265	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.599	131	32810	19.508	ug/l	99
67) Ethyl Benzene	11.605	91	163239	18.872	ug/l	99
68) m/p-Xylenes	11.709	106	126932	37.829	ug/l	99
69) o-Xylene	12.038	106	58429	19.073	ug/l	100
70) Styrene	12.057	104	99172	19.451	ug/l	99
71) Bromoform	12.215	173	18636	21.040	ug/l #	98
73) Isopropylbenzene	12.337	105	153040	18.002	ug/l	99
74) N-amyl acetate	12.154	43	30242	18.820	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	26079	19.924	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	35276	33.931	ug/l #	100
77) Bromobenzene	12.617	156	36556	18.887	ug/l	100
78) n-propylbenzene	12.678	91	189520	18.416	ug/l	100
79) 2-Chlorotoluene	12.764	91	103734	18.382	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	123658	18.582	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	9176	20.395	ug/l	96
82) 4-Chlorotoluene	12.861	91	109374	18.889	ug/l	98
83) tert-Butylbenzene	13.087	119	111362	18.492	ug/l	100
84) 1,2,4-Trimethylbenzene	13.130	105	123201	18.884	ug/l	99
85) sec-Butylbenzene	13.264	105	166881	18.489	ug/l	98
86) p-Isopropyltoluene	13.379	119	139165	18.569	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	73627	18.772	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	72657	19.297	ug/l	99
89) n-Butylbenzene	13.703	91	125258	18.474	ug/l	99
90) Hexachloroethane	13.971	117	28412	18.591	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	63869	19.658	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3653	21.092	ug/l	94
93) 1,2,4-Trichlorobenzene	15.019	180	32124	20.410	ug/l	97
94) Hexachlorobutadiene	15.123	225	20239	20.033	ug/l	97
95) Naphthalene	15.245	128	51782	19.472	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	28316	21.790	ug/l	97

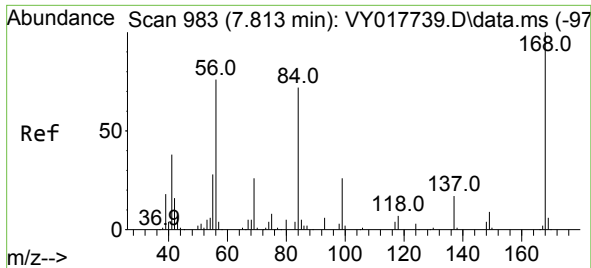
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032624\
Data File : VY017762.D
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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Quant Time: Mar 27 01:27:35 2024
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Quant Title : SW846 8260
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Response via : Initial Calibration

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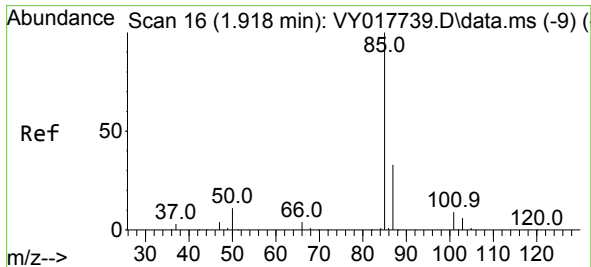
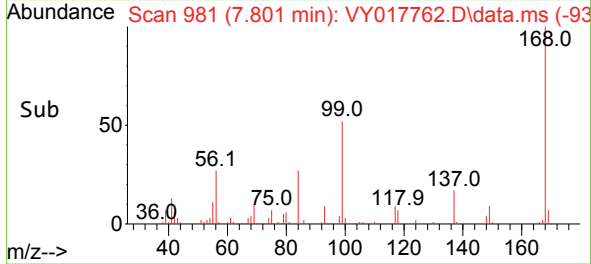
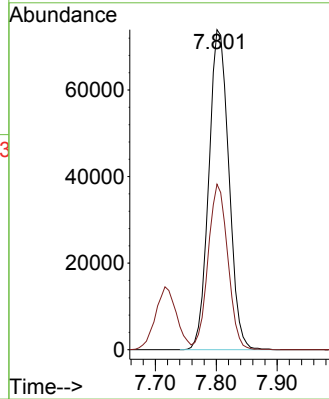
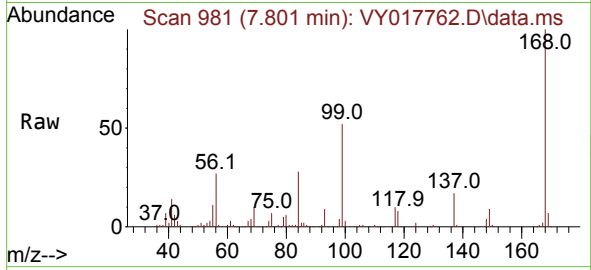
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

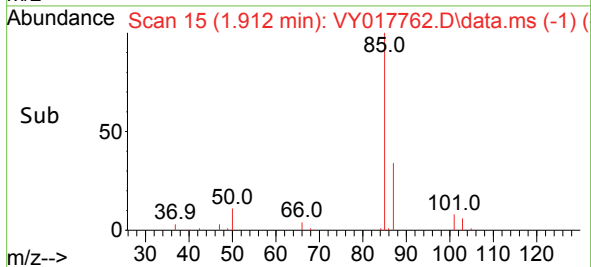
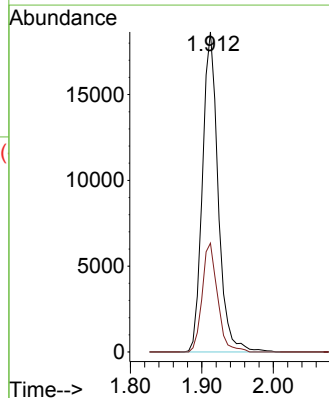
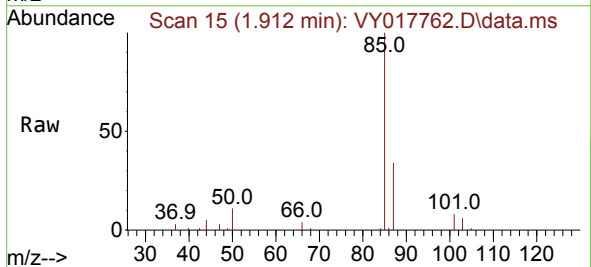
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBS01

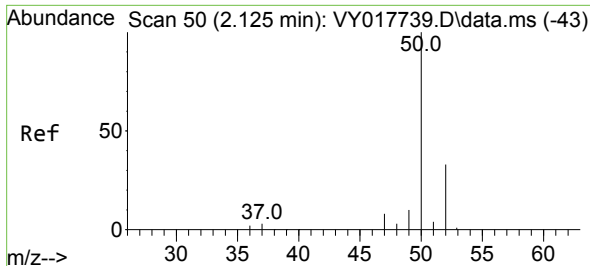
Tgt Ion:168 Resp: 169023
Ion Ratio Lower Upper
168 100
99 51.7 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 19.493 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.006 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

Tgt Ion: 85 Resp: 28445
Ion Ratio Lower Upper
85 100
87 34.0 16.0 48.0

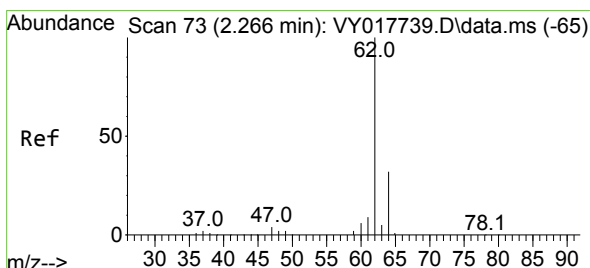
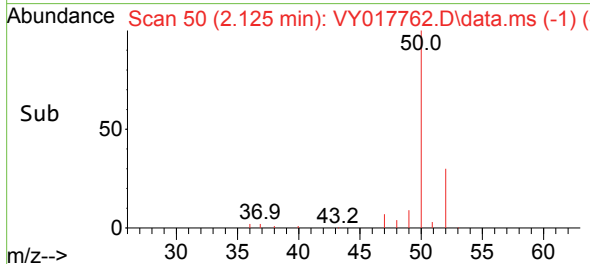
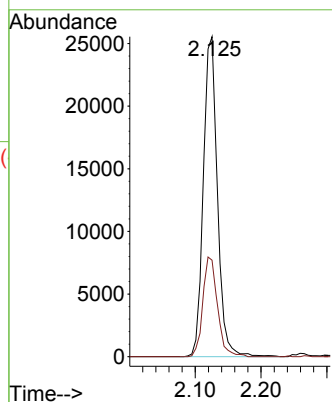
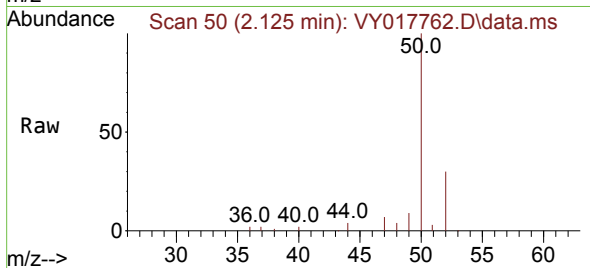




#3
Chloromethane
Concen: 20.118 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

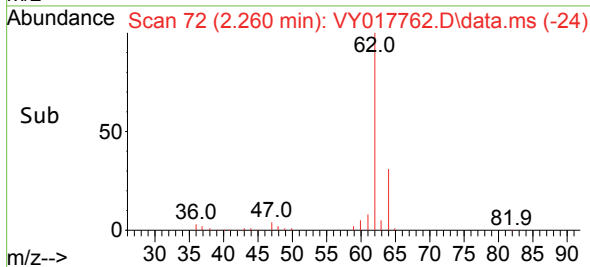
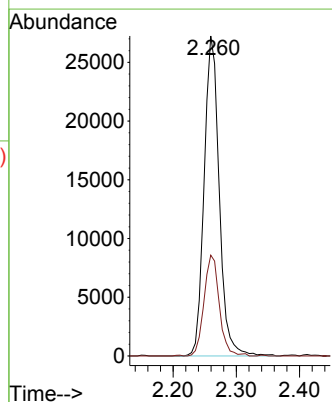
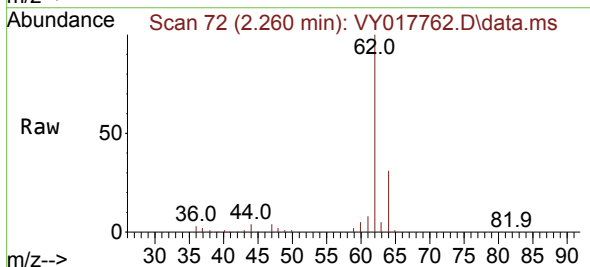
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBS01

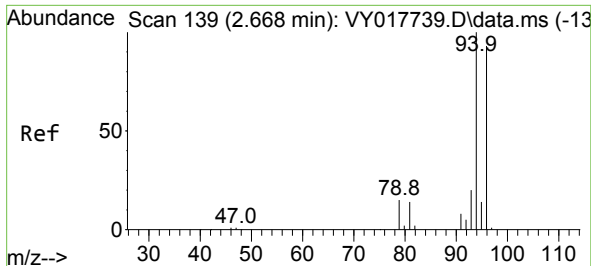
Tgt Ion: 50 Resp: 38030
Ion Ratio Lower Upper
50 100
52 30.2 25.6 38.4



#4
Vinyl Chloride
Concen: 19.837 ug/l
RT: 2.260 min Scan# 72
Delta R.T. -0.006 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

Tgt Ion: 62 Resp: 45340
Ion Ratio Lower Upper
62 100
64 31.5 26.1 39.1





#5

Bromomethane

Concen: 21.147 ug/l

RT: 2.656 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY017762.D

Acq: 26 Mar 2024 11:31

Instrument :

MSVOA_Y

ClientSampleId :

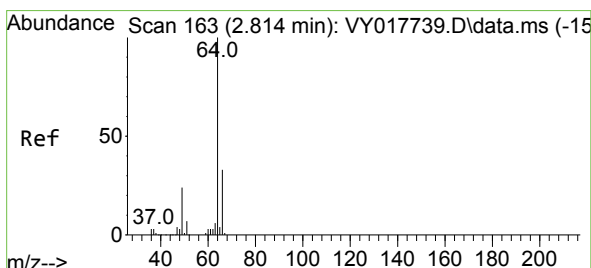
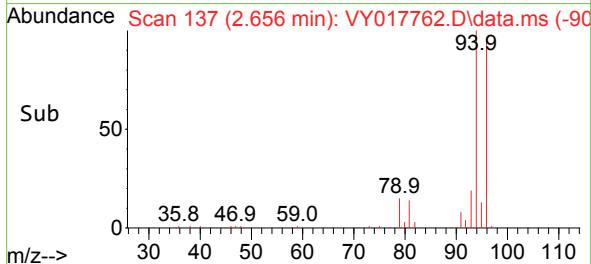
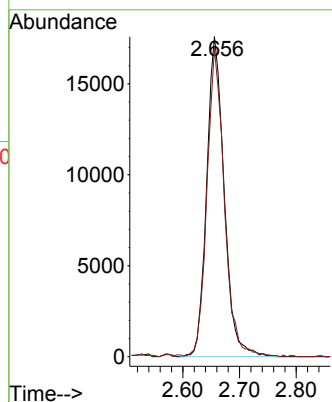
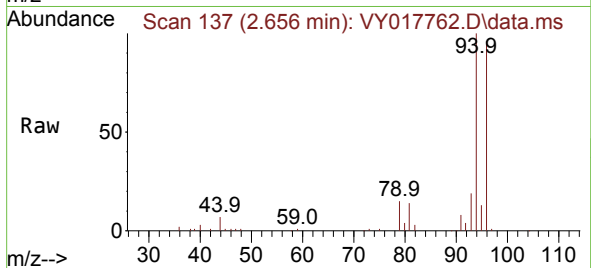
VY0326SBS01

Tgt Ion: 94 Resp: 37739

Ion Ratio Lower Upper

94 100

96 96.3 74.1 111.1



#6

Chloroethane

Concen: 20.254 ug/l

RT: 2.802 min Scan# 161

Delta R.T. -0.012 min

Lab File: VY017762.D

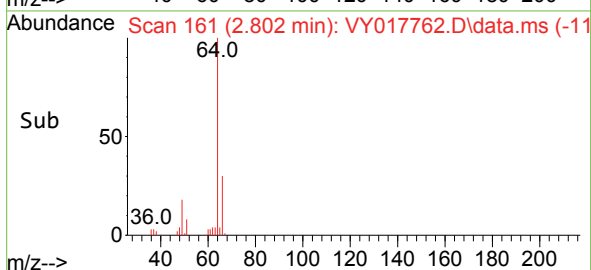
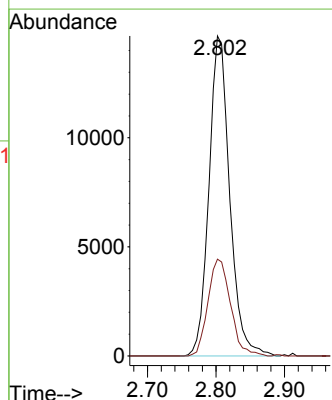
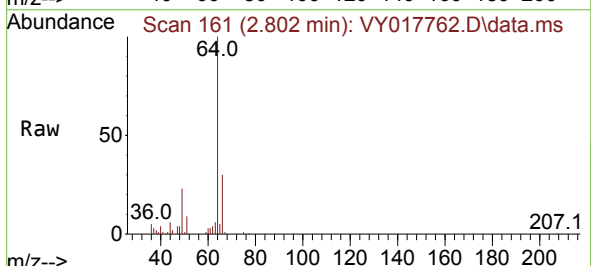
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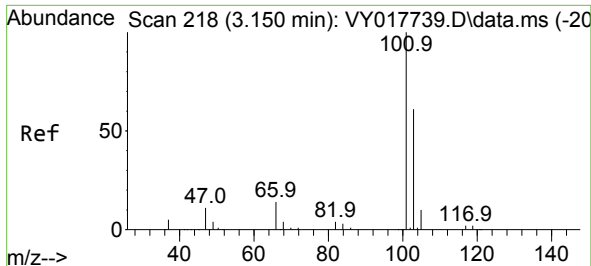
Tgt Ion: 64 Resp: 30938

Ion Ratio Lower Upper

64 100

66 30.2 26.1 39.1

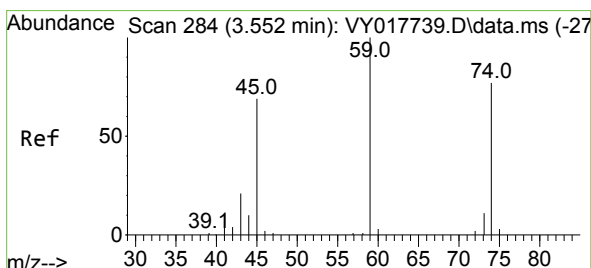
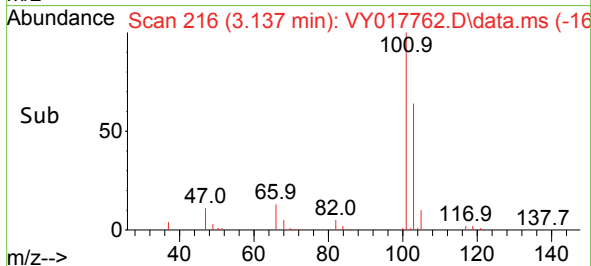
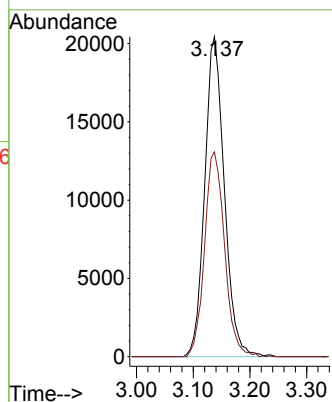
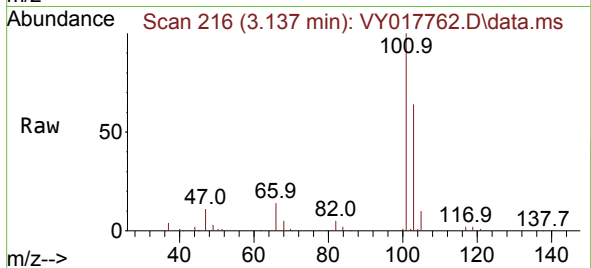




#7
Trichlorofluoromethane
Concen: 20.369 ug/l
RT: 3.137 min Scan# 218
Delta R.T. -0.012 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

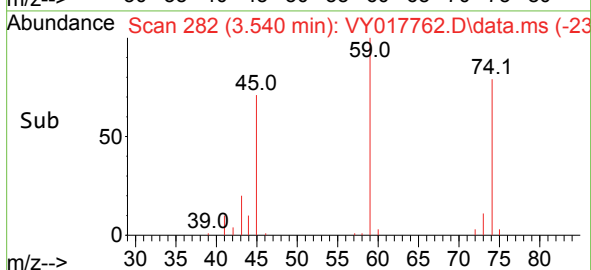
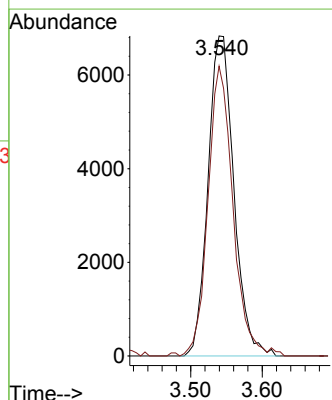
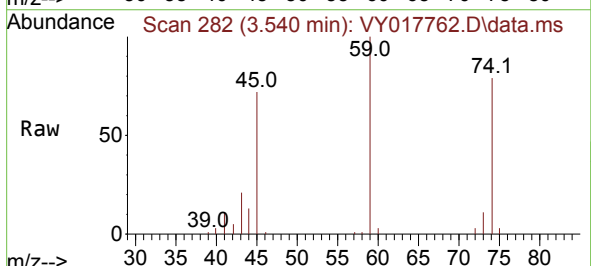
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBS01

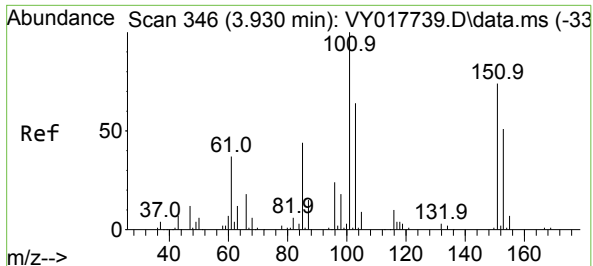
Tgt Ion:101 Resp: 49070
Ion Ratio Lower Upper
101 100
103 64.0 49.3 73.9



#8
Diethyl Ether
Concen: 21.613 ug/l
RT: 3.540 min Scan# 282
Delta R.T. -0.012 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

Tgt Ion: 74 Resp: 17166
Ion Ratio Lower Upper
74 100
45 86.8 41.3 124.1

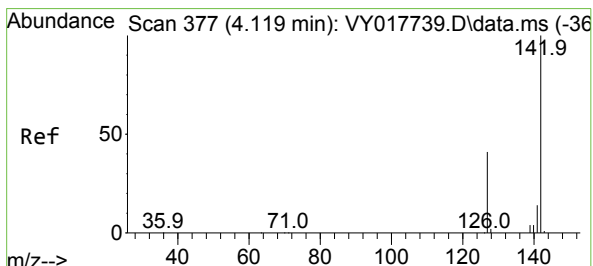
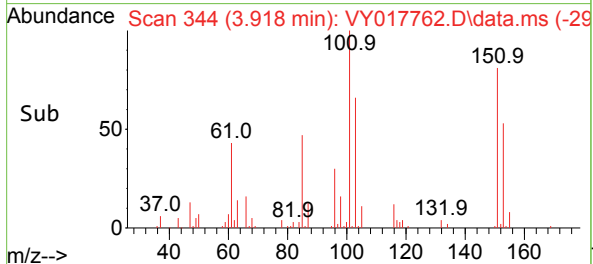
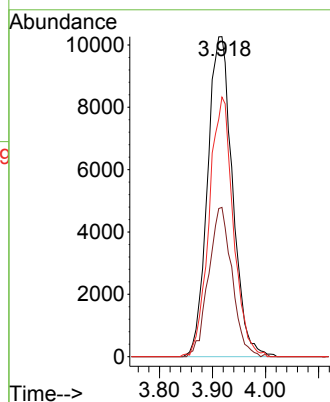
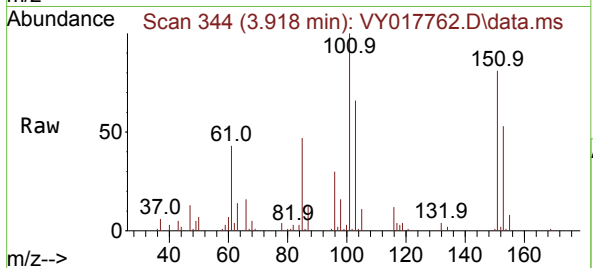




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.582 ug/l
RT: 3.918 min Scan# 346
Delta R.T. -0.012 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

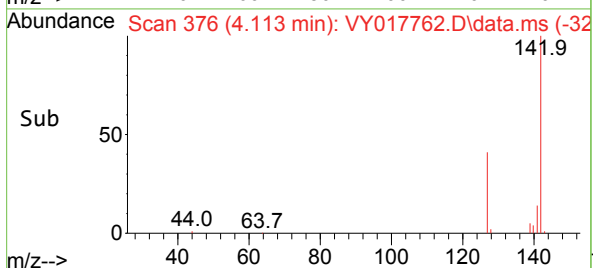
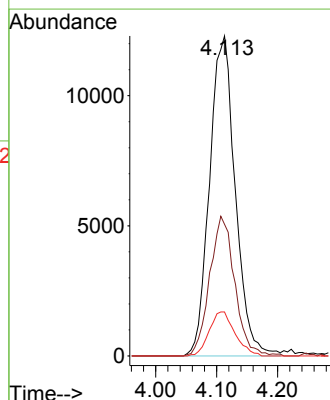
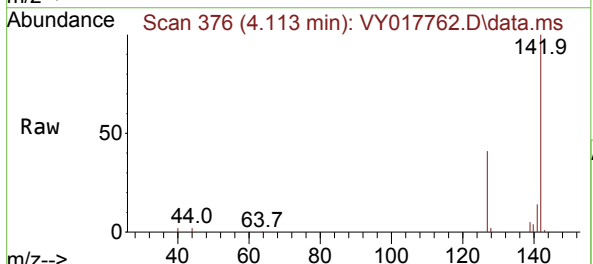
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBS01

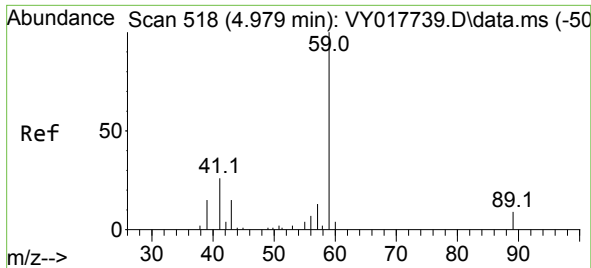
Tgt Ion:101 Resp: 33582
Ion Ratio Lower Upper
101 100
85 43.8 34.5 51.7
151 78.2 61.7 92.5



#10
Methyl Iodide
Concen: 17.205 ug/l
RT: 4.113 min Scan# 376
Delta R.T. -0.006 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

Tgt Ion:142 Resp: 36068
Ion Ratio Lower Upper
142 100
127 42.6 32.8 49.2
141 13.8 11.4 17.2

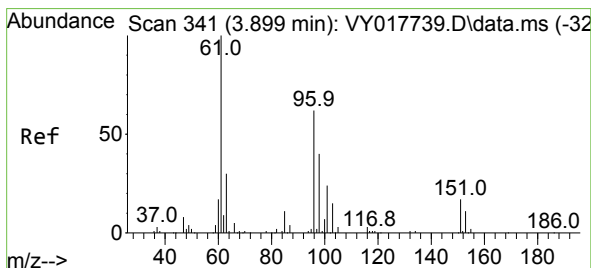
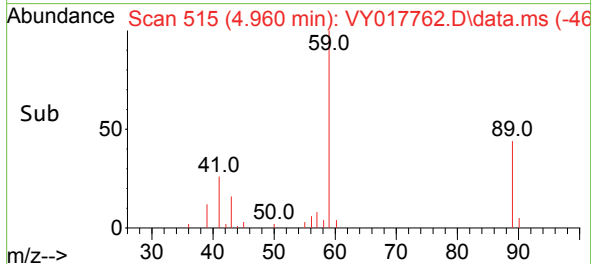
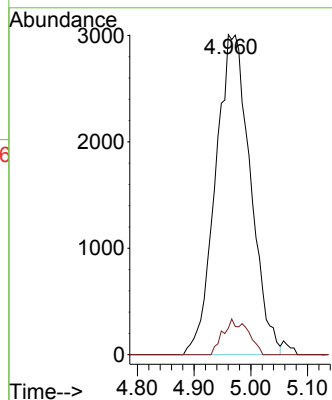
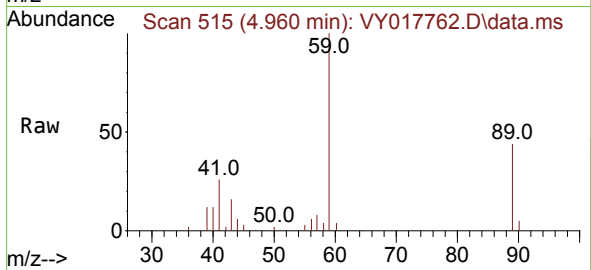




#11
Tert butyl alcohol
Concen: 131.129 ug/l
RT: 4.960 min Scan# 518
Delta R.T. -0.018 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

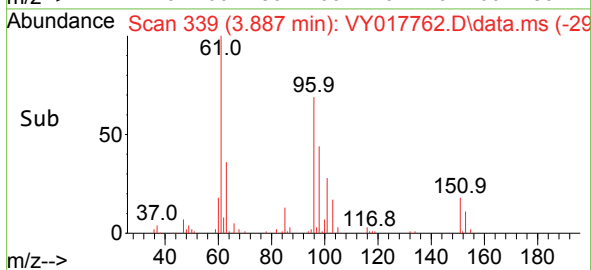
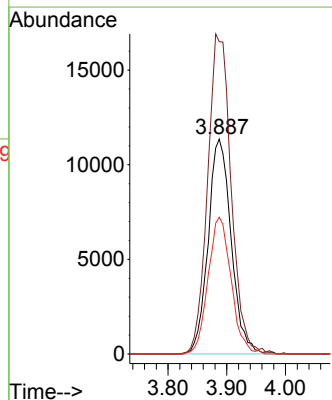
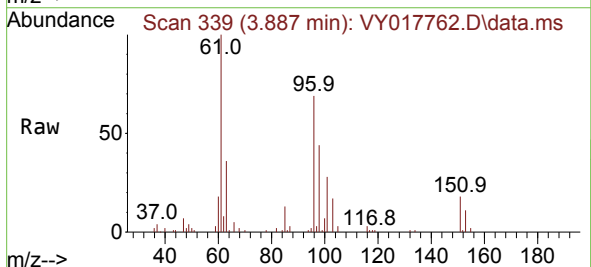
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBS01

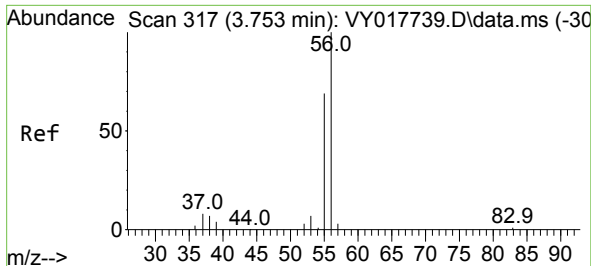
Tgt Ion: 59 Resp: 12843
Ion Ratio Lower Upper
59 100
57 7.9 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 19.204 ug/l
RT: 3.887 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

Tgt Ion: 96 Resp: 30978
Ion Ratio Lower Upper
96 100
61 145.3 114.6 171.8
98 63.7 50.8 76.2





#13

Acrolein

Concen: 122.793 ug/l

RT: 3.747 min Scan# 317

Delta R.T. -0.006 min

Lab File: VY017762.D

Acq: 26 Mar 2024 11:31

Instrument :

MSVOA_Y

ClientSampleId :

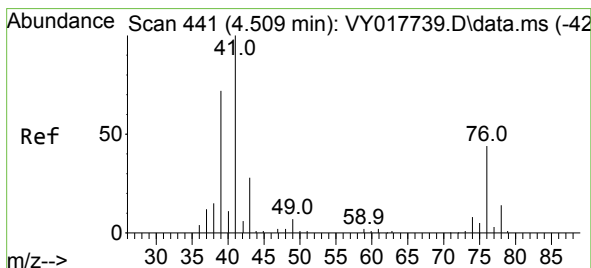
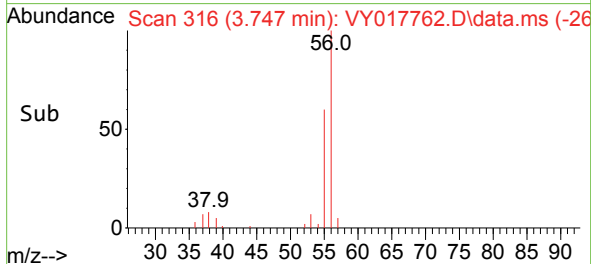
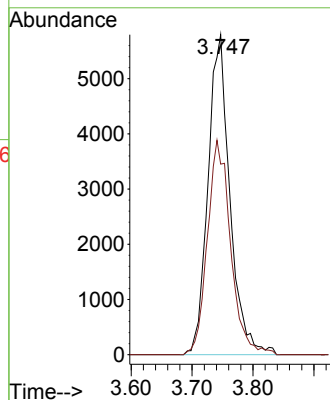
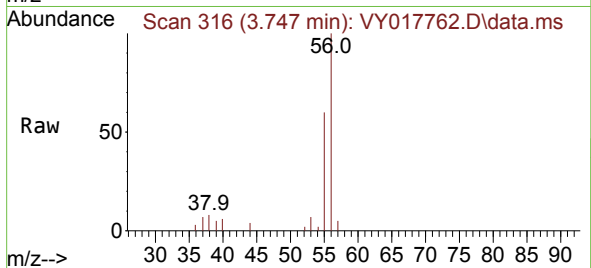
VY0326SBS01

Tgt Ion: 56 Resp: 14497

Ion Ratio Lower Upper

56 100

55 70.9 55.7 83.5



#14

Allyl chloride

Concen: 18.976 ug/l

RT: 4.497 min Scan# 439

Delta R.T. -0.012 min

Lab File: VY017762.D

Acq: 26 Mar 2024 11:31

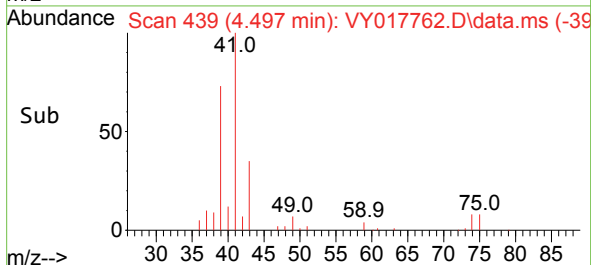
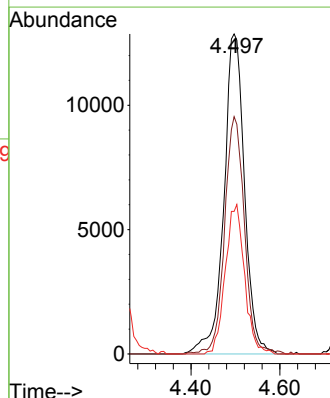
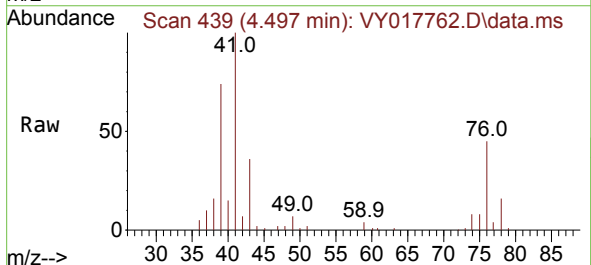
Tgt Ion: 41 Resp: 41485

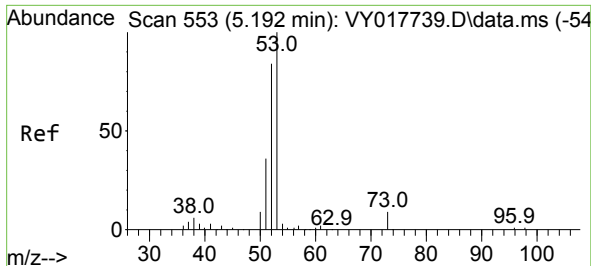
Ion Ratio Lower Upper

41 100

39 71.1 58.3 87.5

76 43.6 39.0 58.6

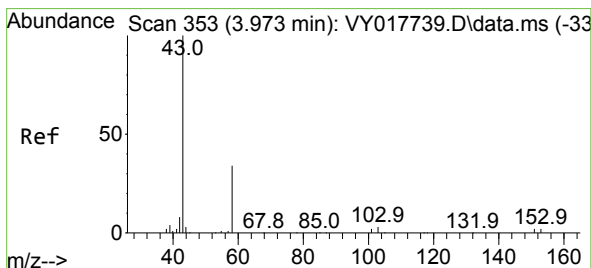
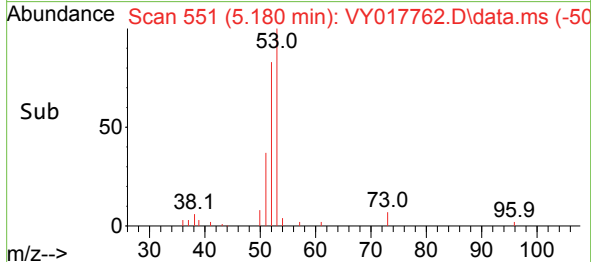
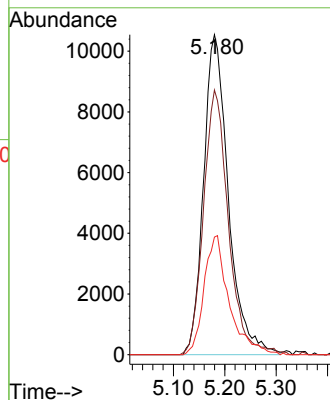
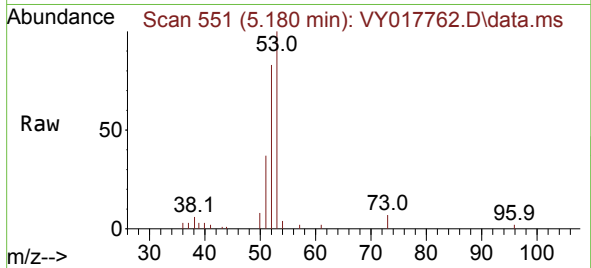




#15
Acrylonitrile
Concen: 107.408 ug/l
RT: 5.180 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

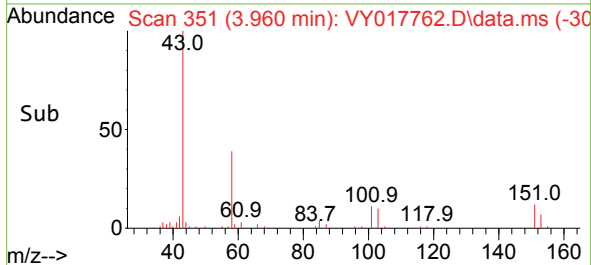
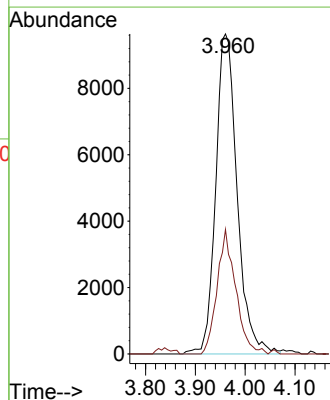
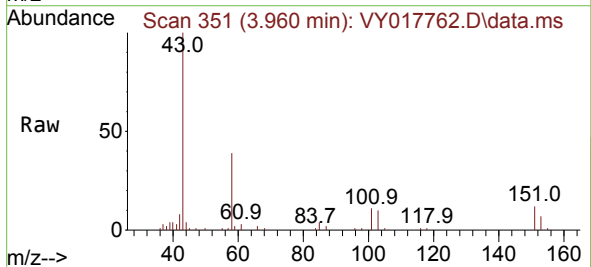
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBS01

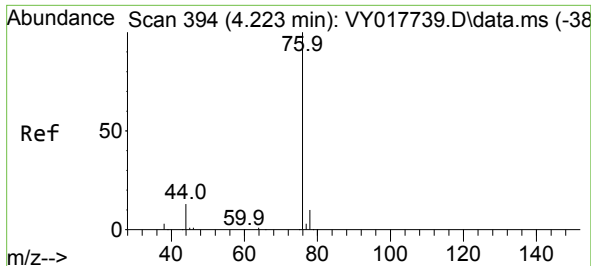
Tgt Ion: 53	Resp: 35339
Ion Ratio	Lower Upper
53 100	
52 83.3	64.7 97.1
51 37.7	28.4 42.6



#16
Acetone
Concen: 111.682 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

Tgt Ion: 43	Resp: 28764
Ion Ratio	Lower Upper
43 100	
58 38.9	31.7 47.5





#17

Carbon Disulfide

Concen: 16.733 ug/l

RT: 4.210 min Scan# 392

Delta R.T. -0.012 min

Lab File: VY017762.D

Acq: 26 Mar 2024 11:31

Instrument :

MSVOA_Y

ClientSampleId :

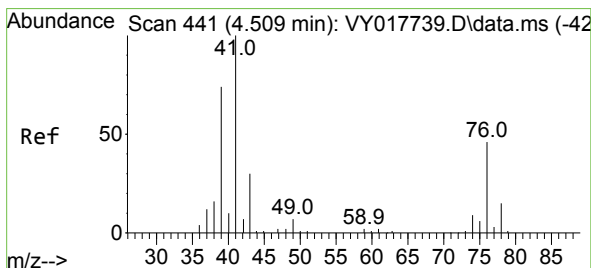
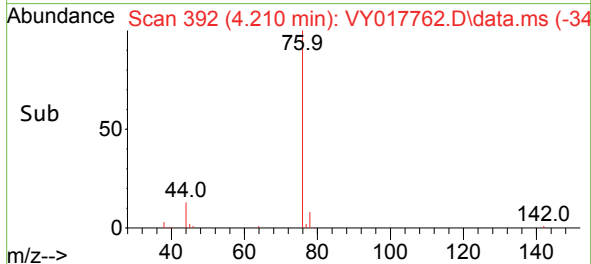
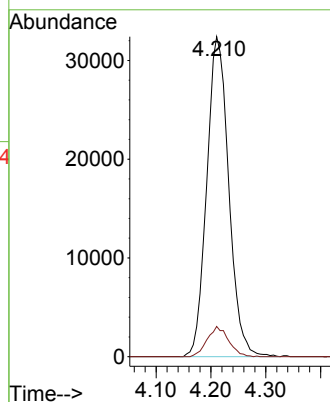
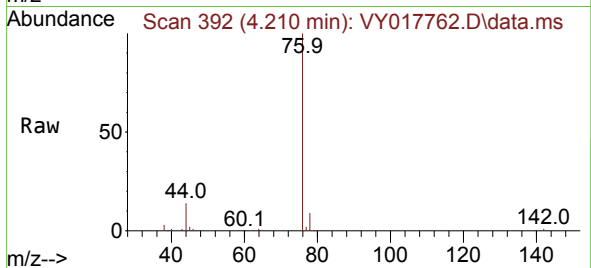
VY0326SBS01

Tgt Ion: 76 Resp: 90316

Ion Ratio Lower Upper

76 100

78 9.4 6.8 10.2



#18

Methyl Acetate

Concen: 22.116 ug/l

RT: 4.497 min Scan# 439

Delta R.T. -0.012 min

Lab File: VY017762.D

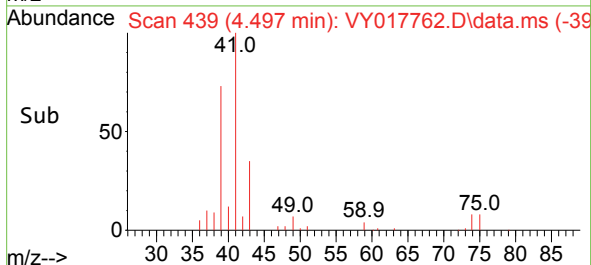
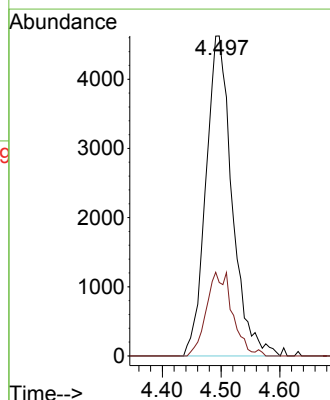
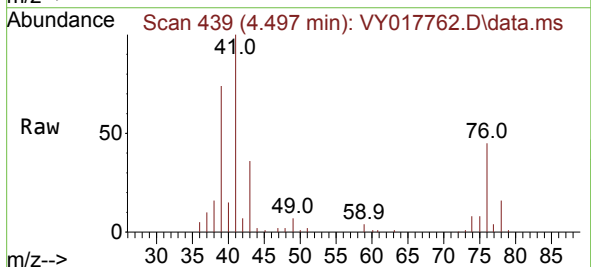
Acq: 26 Mar 2024 11:31

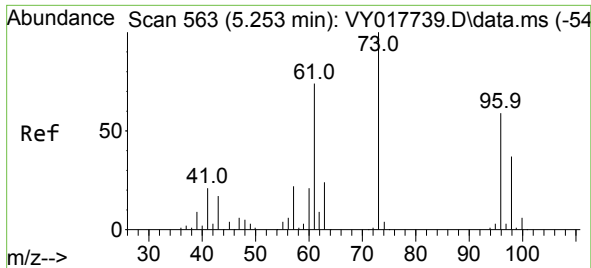
Tgt Ion: 43 Resp: 14341

Ion Ratio Lower Upper

43 100

74 26.1 23.3 34.9

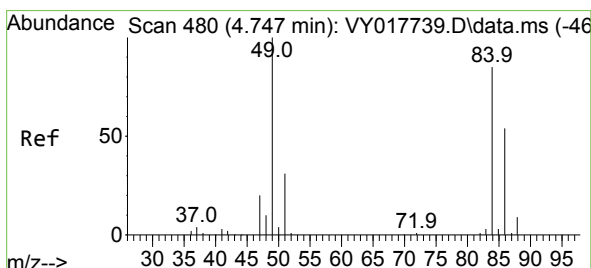
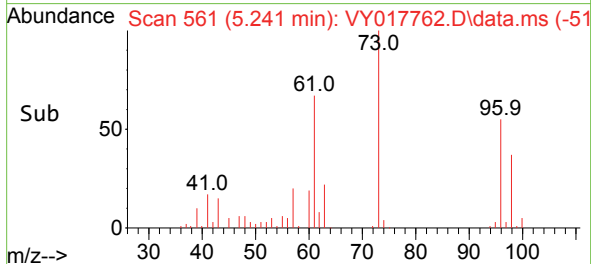
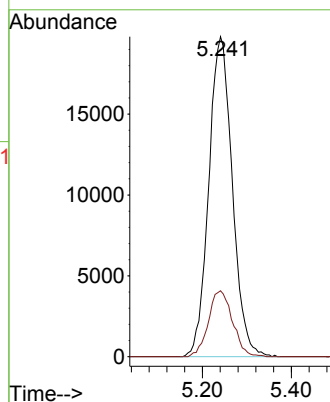
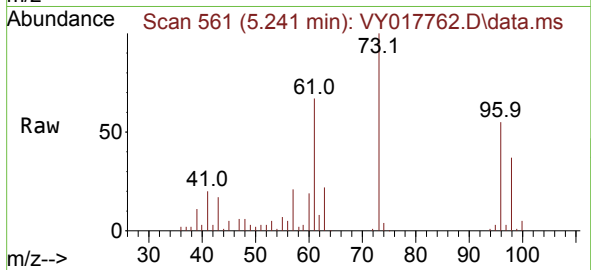




#19
Methyl tert-butyl Ether
Concen: 20.940 ug/l
RT: 5.241 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

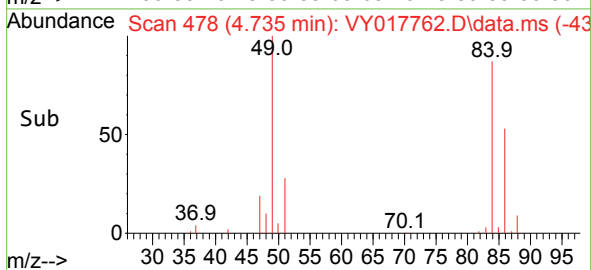
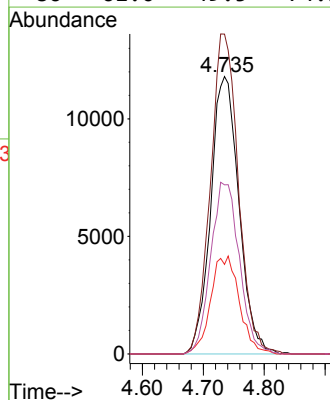
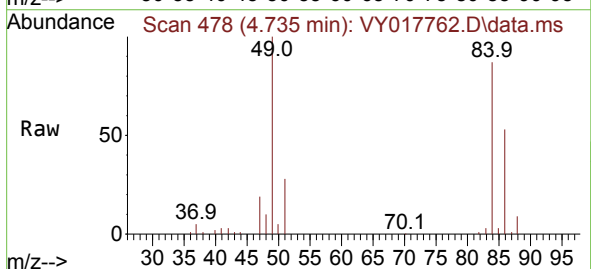
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBS01

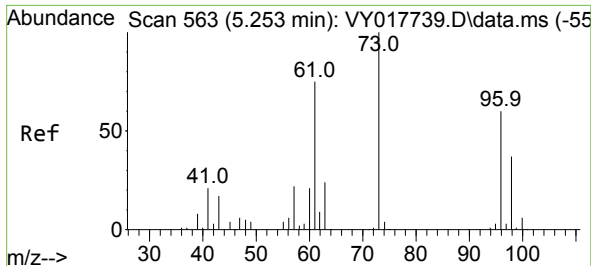
Tgt Ion: 73 Resp: 72829
Ion Ratio Lower Upper
73 100
57 20.6 17.3 25.9



#20
Methylene Chloride
Concen: 20.266 ug/l
RT: 4.735 min Scan# 478
Delta R.T. -0.012 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

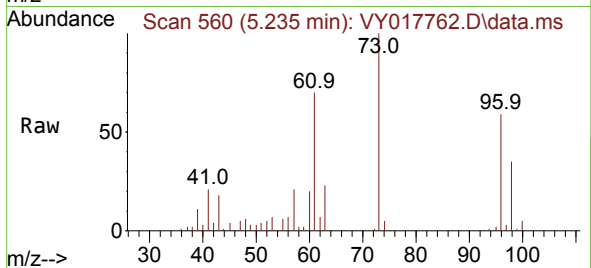
Tgt Ion: 84 Resp: 37960
Ion Ratio Lower Upper
84 100
49 115.3 84.4 126.6
51 32.3 26.0 39.0
86 61.0 49.5 74.3



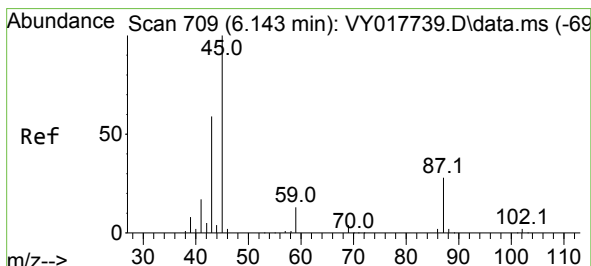
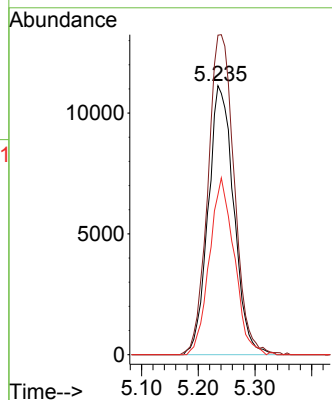
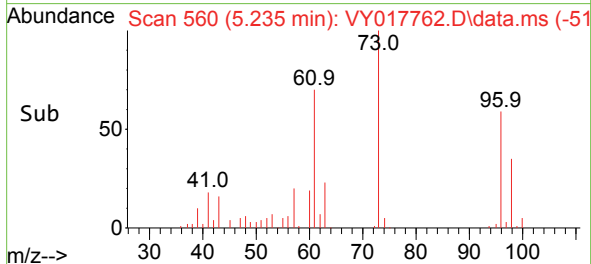


#21
trans-1,2-Dichloroethene
Concen: 18.966 ug/l
RT: 5.235 min Scan# 501
Delta R.T. -0.018 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

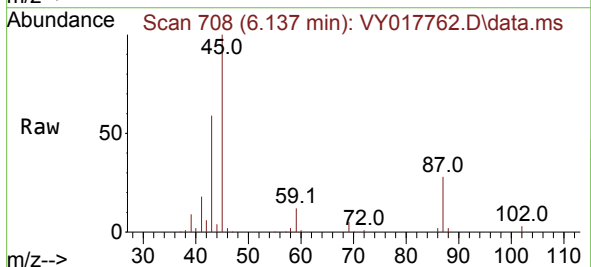
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBS01



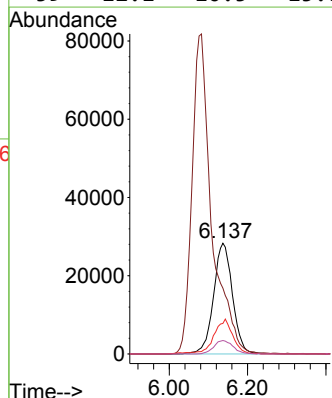
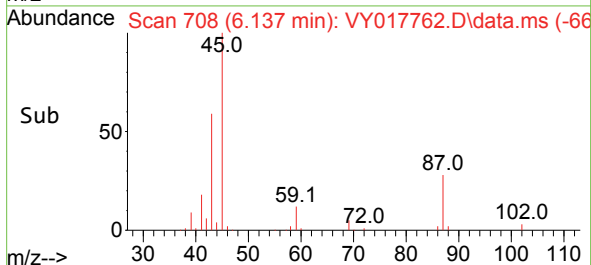
Tgt Ion:	96	Resp:	34877
Ion	Ratio	Lower	Upper
96	100		
61	118.8	97.5	146.3
98	59.5	50.5	75.7

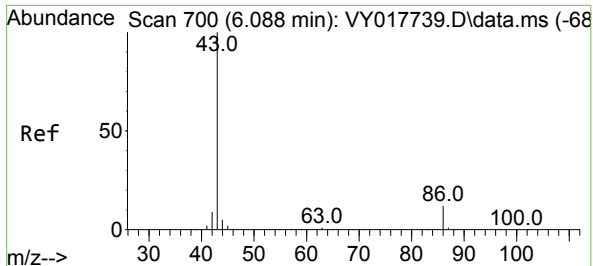


#22
Diisopropyl ether
Concen: 20.000 ug/l
RT: 6.137 min Scan# 708
Delta R.T. -0.006 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31



Tgt Ion:	45	Resp:	95198
Ion	Ratio	Lower	Upper
45	100		
43	59.1	42.2	63.2
87	27.6	25.0	37.6
59	12.1	10.5	15.7

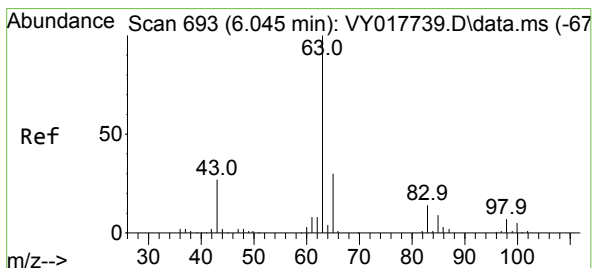
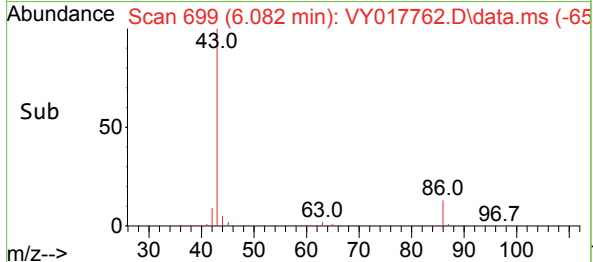
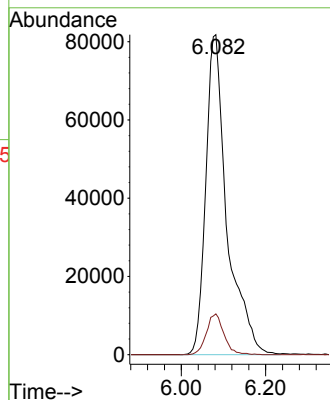
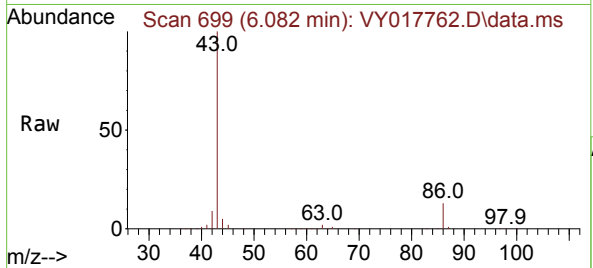




#23
 Vinyl Acetate
 Concen: 102.132 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. -0.006 min
 Lab File: VY017762.D
 Acq: 26 Mar 2024 11:31

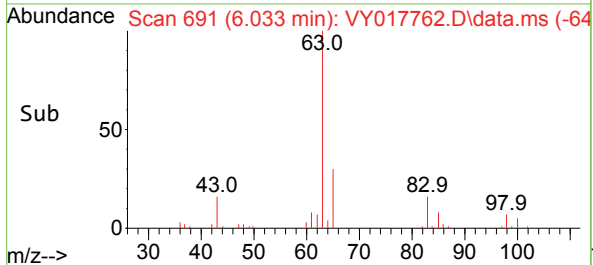
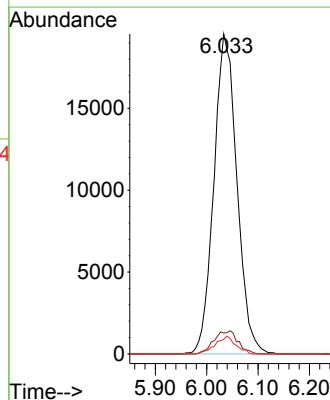
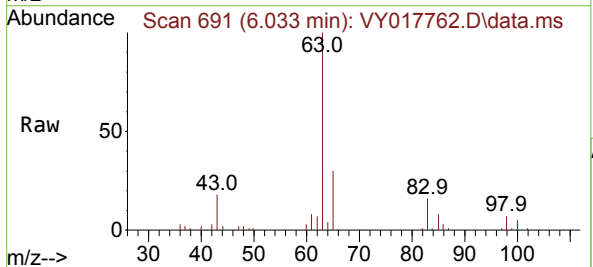
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0326SBS01

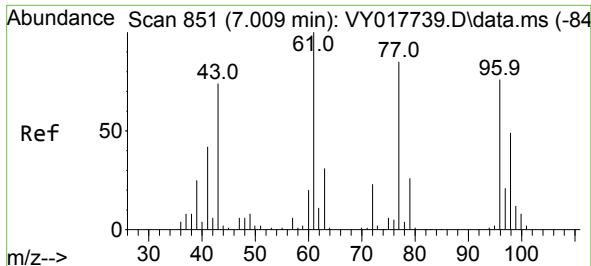
Tgt Ion: 43 Resp: 285530
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 19.467 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.012 min
 Lab File: VY017762.D
 Acq: 26 Mar 2024 11:31

Tgt Ion: 63 Resp: 60905
 Ion Ratio Lower Upper
 63 100
 98 6.5 4.0 12.2
 100 4.6 2.6 8.0





#25

2-Butanone

Concen: 103.163 ug/l

RT: 7.003 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY017762.D

Acq: 26 Mar 2024 11:31

Instrument :

MSVOA_Y

ClientSampleId :

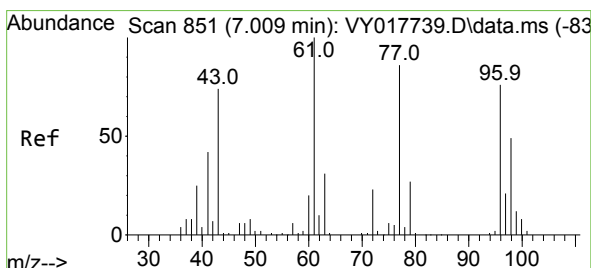
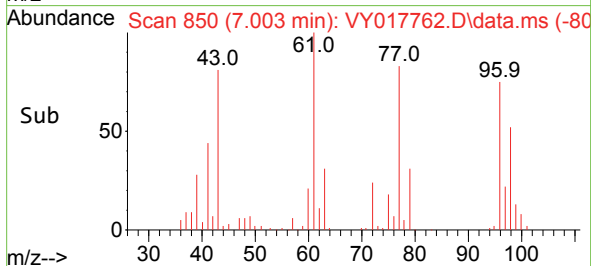
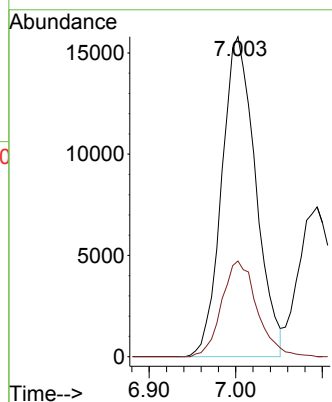
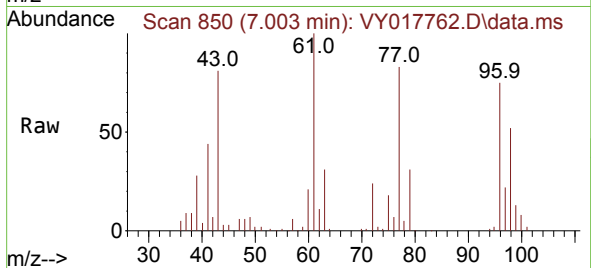
VY0326SBS01

Tgt Ion: 43 Resp: 43019

Ion Ratio Lower Upper

43 100

72 29.9 27.3 40.9



#26

2,2-Dichloropropane

Concen: 18.915 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.012 min

Lab File: VY017762.D

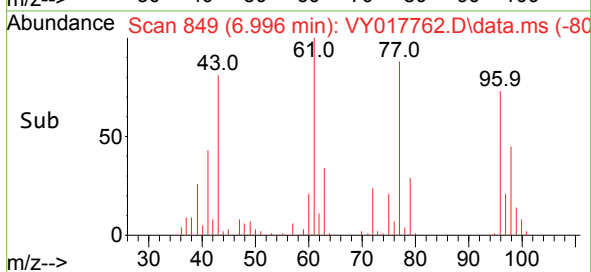
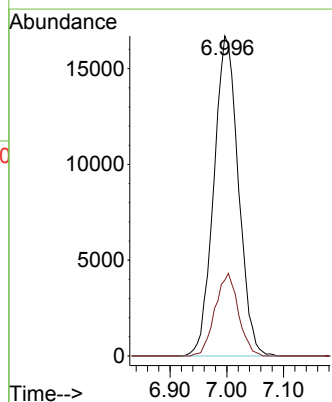
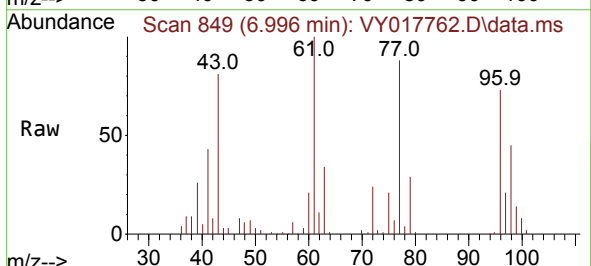
Acq: 26 Mar 2024 11:31

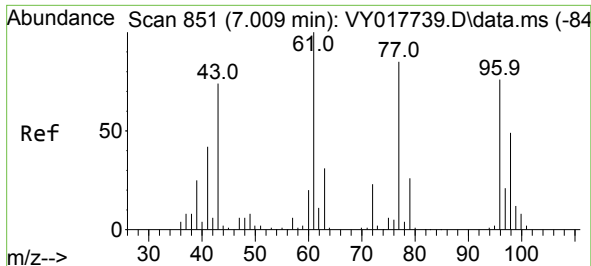
Tgt Ion: 77 Resp: 50303

Ion Ratio Lower Upper

77 100

97 24.4 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 18.924 ug/l

RT: 7.003 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY017762.D

Acq: 26 Mar 2024 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0326SBS01

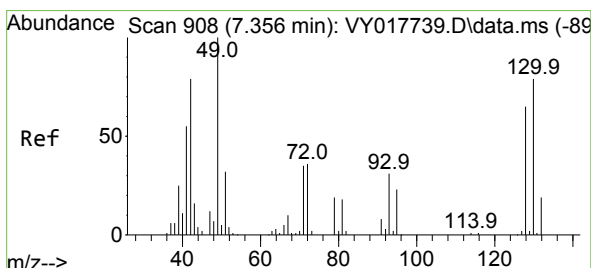
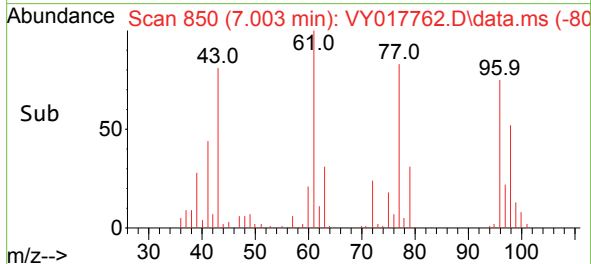
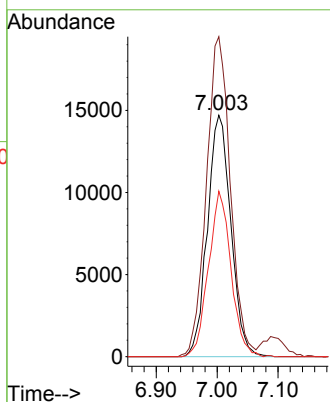
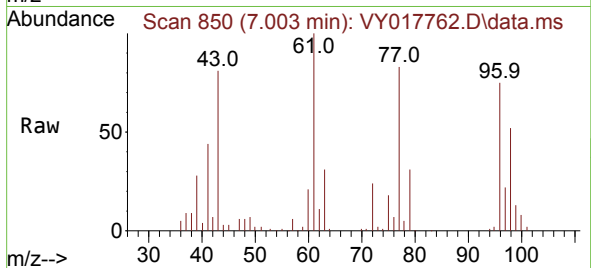
Tgt Ion: 96 Resp: 39365

Ion Ratio Lower Upper

96 100

61 135.2 0.0 256.2

98 65.7 0.0 130.0



#28

Bromochloromethane

Concen: 22.635 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY017762.D

Acq: 26 Mar 2024 11:31

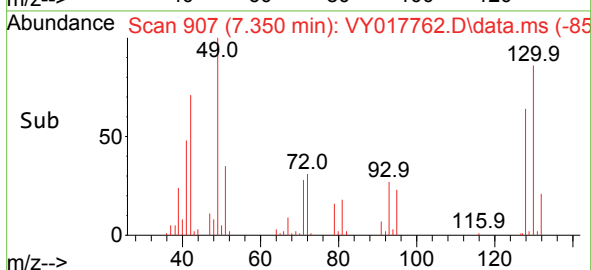
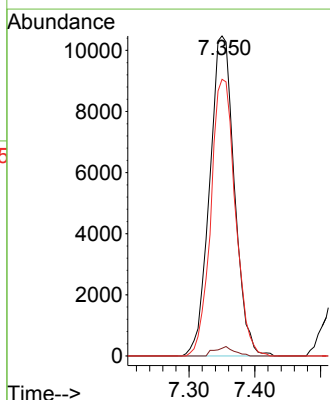
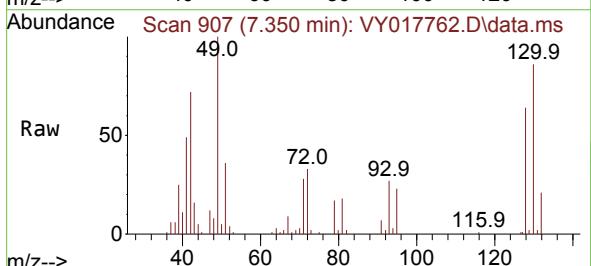
Tgt Ion: 49 Resp: 27454

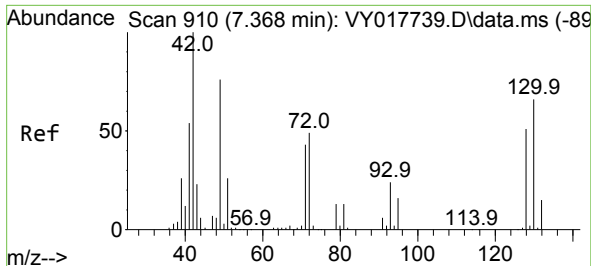
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 85.2 72.7 109.1





#29

Tetrahydrofuran

Concen: 105.017 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY017762.D

Acq: 26 Mar 2024 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0326SBS01

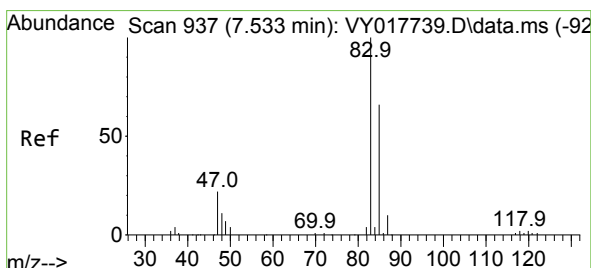
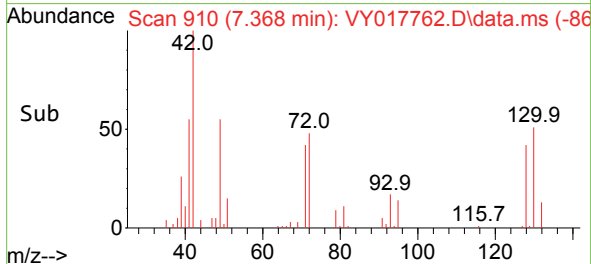
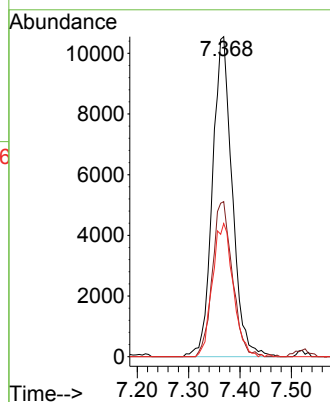
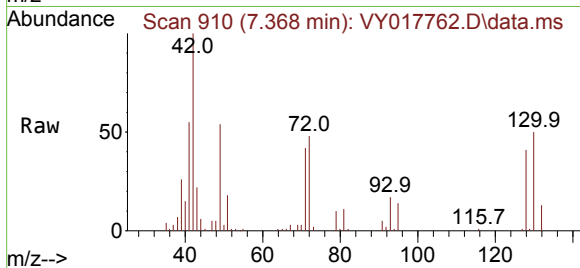
Tgt Ion: 42 Resp: 28185

Ion Ratio Lower Upper

42 100

72 49.0 43.0 64.4

71 43.5 40.8 61.2



#30

Chloroform

Concen: 19.335 ug/l

RT: 7.521 min Scan# 935

Delta R.T. -0.012 min

Lab File: VY017762.D

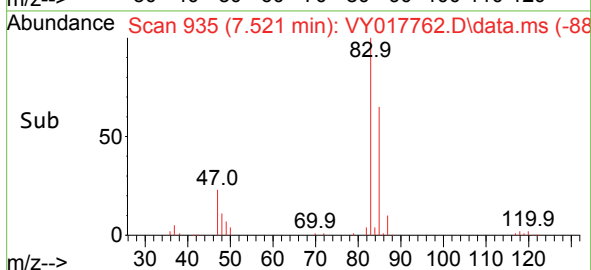
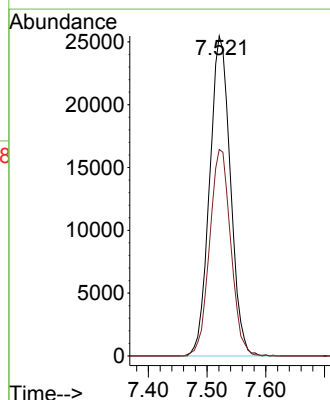
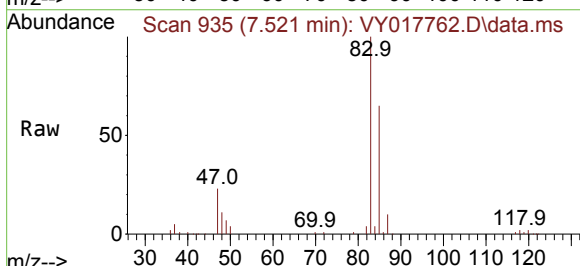
Acq: 26 Mar 2024 11:31

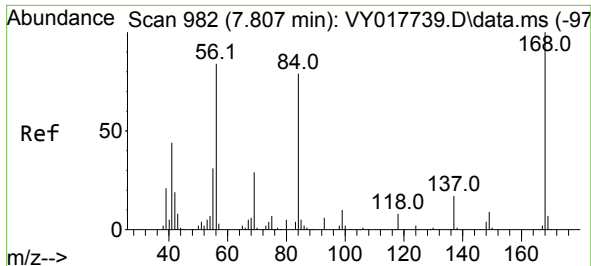
Tgt Ion: 83 Resp: 62709

Ion Ratio Lower Upper

83 100

85 64.5 52.2 78.4

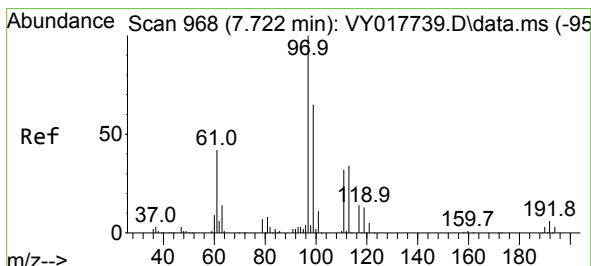
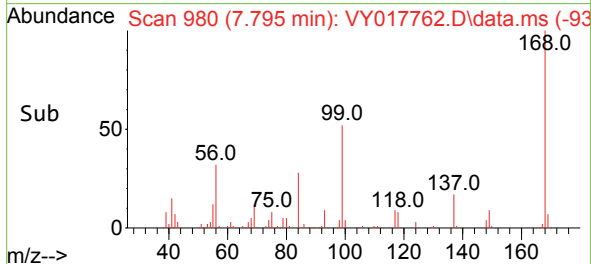
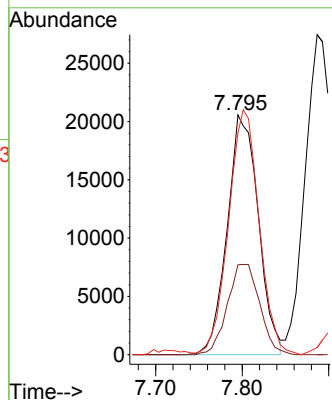
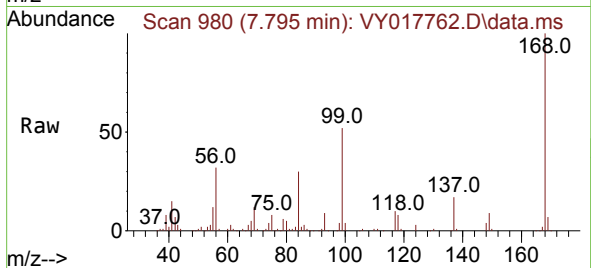




#31
Cyclohexane
Concen: 17.642 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

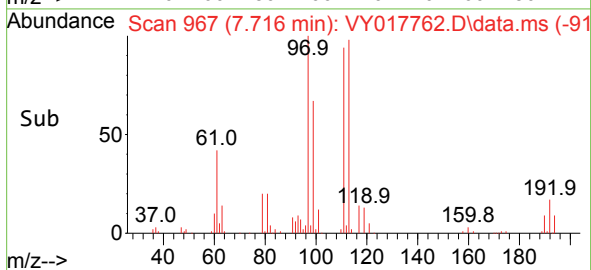
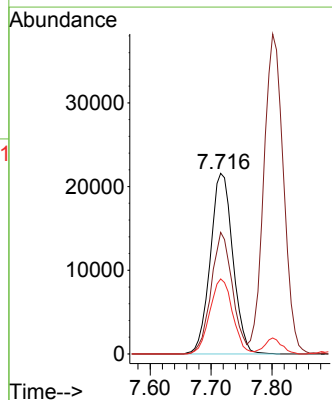
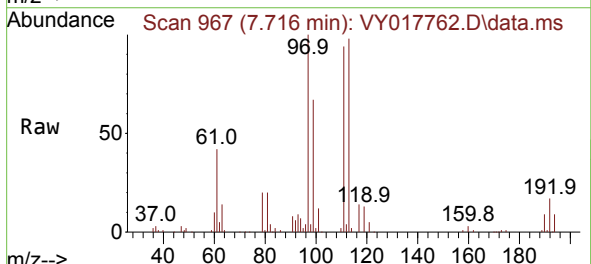
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBS01

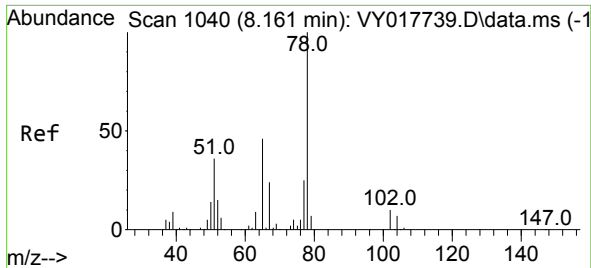
Tgt Ion: 56 Resp: 51379
Ion Ratio Lower Upper
56 100
69 37.5 28.7 43.1
84 91.4 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 19.613 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

Tgt Ion: 97 Resp: 55399
Ion Ratio Lower Upper
97 100
99 63.7 50.3 75.5
61 42.1 32.6 48.8

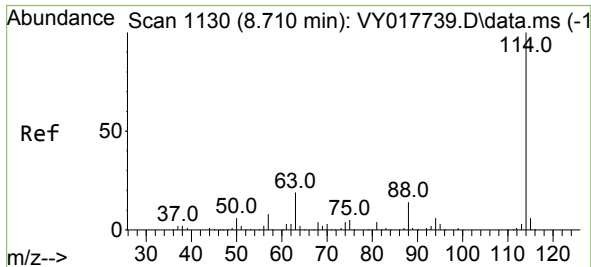
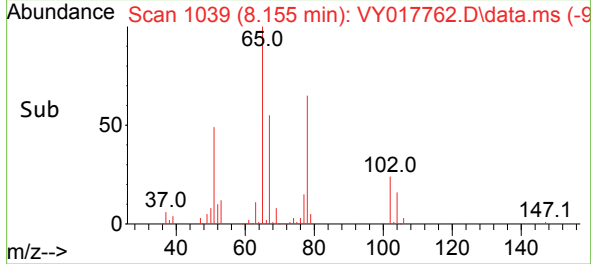
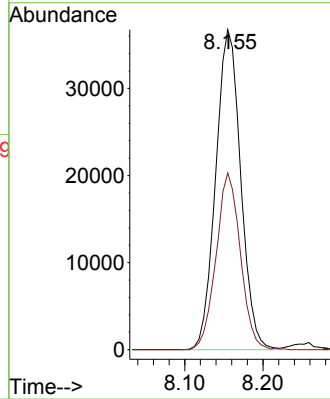
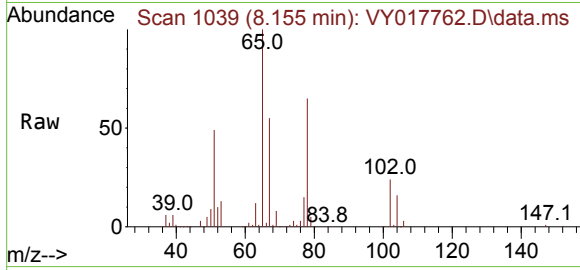




#33
1,2-Dichloroethane-d4
Concen: 55.403 ug/l
RT: 8.155 min Scan# 110
Delta R.T. -0.006 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

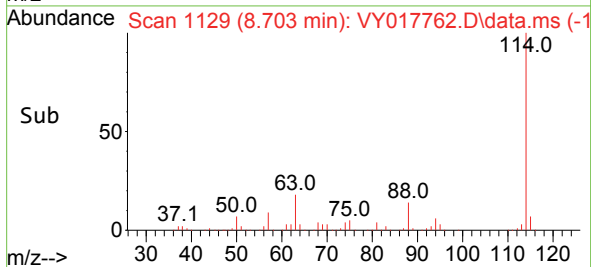
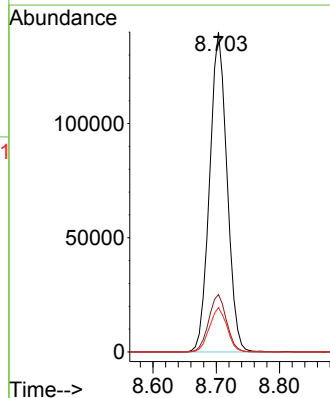
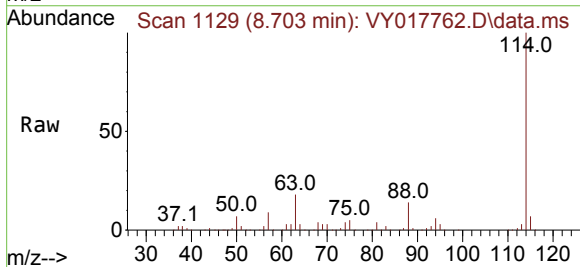
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBS01

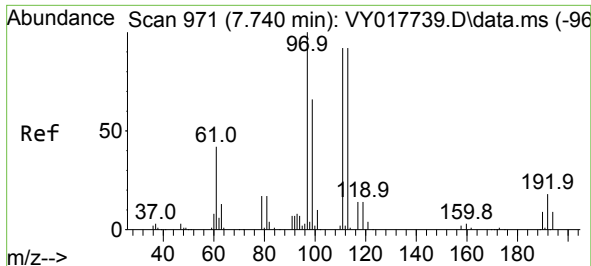
Tgt Ion: 65 Resp: 81581
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

Tgt Ion:114 Resp: 267227
Ion Ratio Lower Upper
114 100
63 18.0 0.0 35.0
88 13.9 0.0 27.2

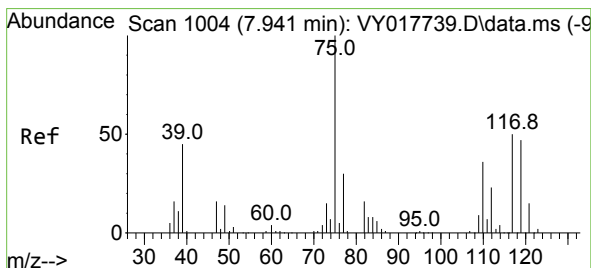
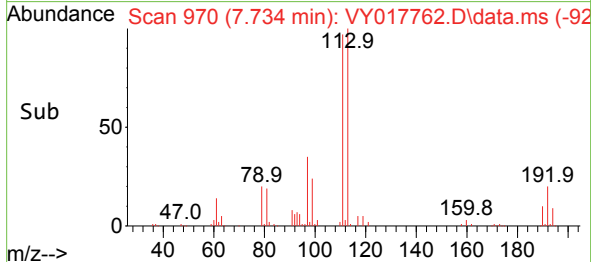
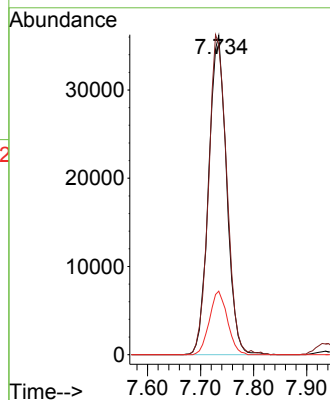
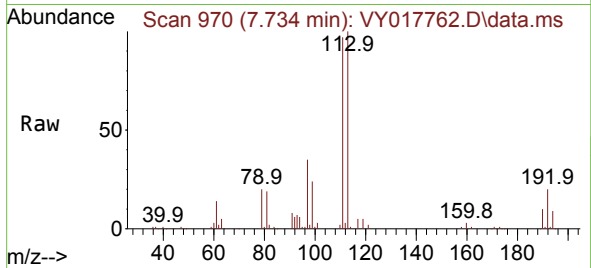




#35
Dibromofluoromethane
Concen: 53.286 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

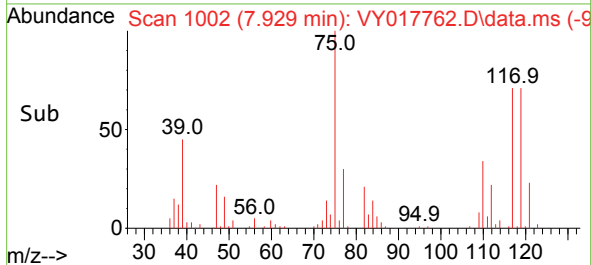
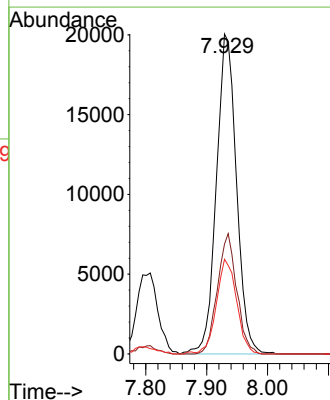
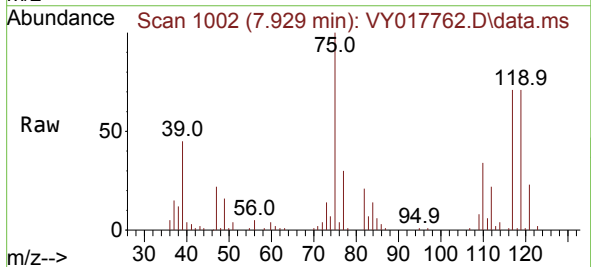
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBS01

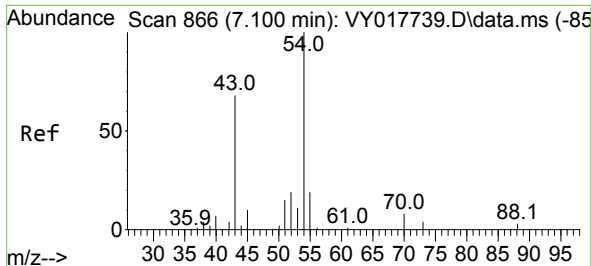
Tgt Ion:113 Resp: 85118
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 19.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 18.661 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.012 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

Tgt Ion: 75 Resp: 46051
Ion Ratio Lower Upper
75 100
110 36.1 19.0 57.0
77 29.8 25.3 37.9





#37

Ethyl Acetate

Concen: 21.715 ug/l

RT: 7.094 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY017762.D

Acq: 26 Mar 2024 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0326SBS01

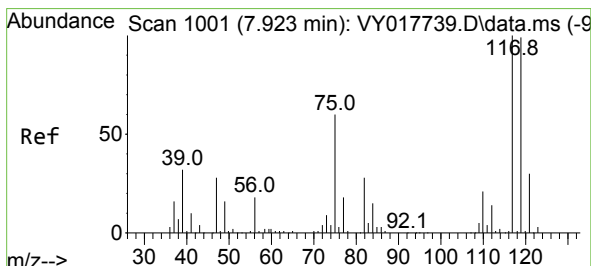
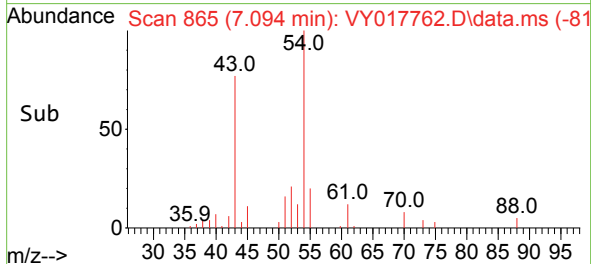
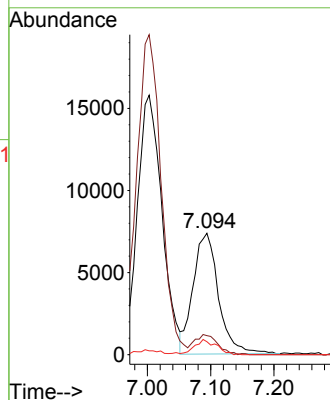
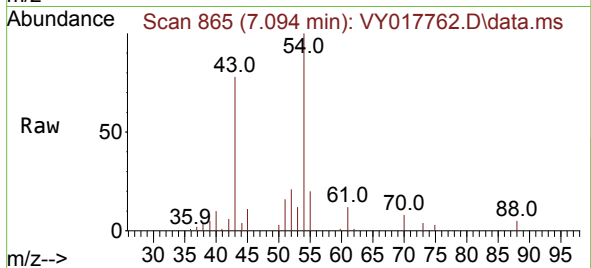
Tgt Ion: 43 Resp: 20592

Ion Ratio Lower Upper

43 100

61 15.3 12.6 19.0

70 11.2 7.8 11.8



#38

Carbon Tetrachloride

Concen: 19.048 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY017762.D

Acq: 26 Mar 2024 11:31

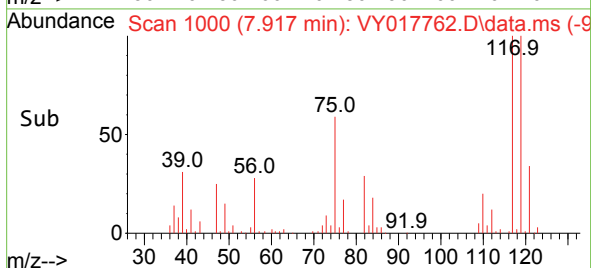
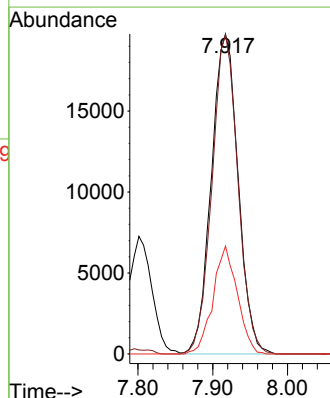
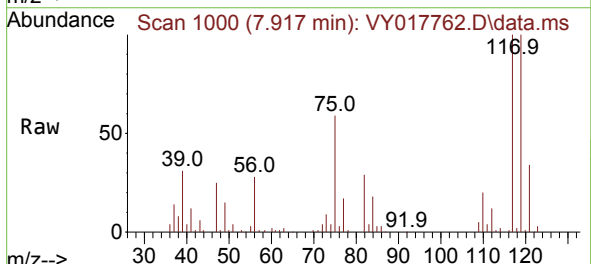
Tgt Ion: 117 Resp: 49218

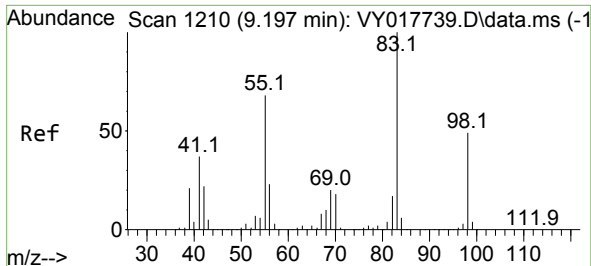
Ion Ratio Lower Upper

117 100

119 99.8 75.8 113.6

121 33.7 24.0 36.0





#39

Methylcyclohexane

Concen: 17.614 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017762.D

Acq: 26 Mar 2024 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0326SBS01

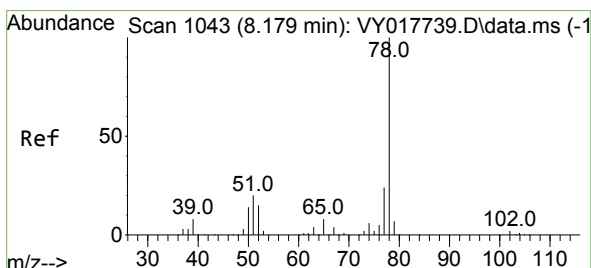
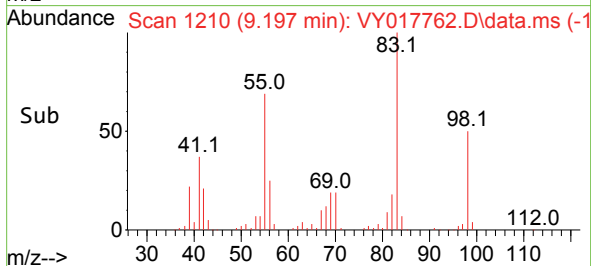
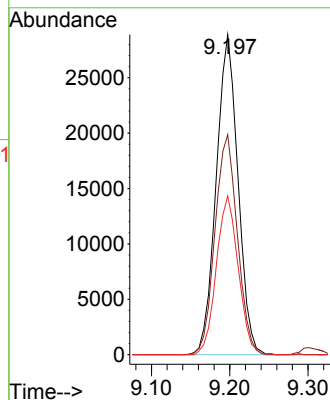
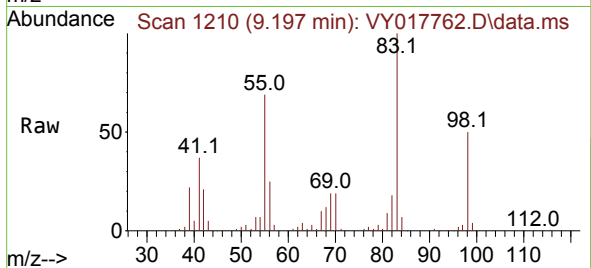
Tgt Ion: 83 Resp: 55800

Ion Ratio Lower Upper

83 100

55 68.8 51.5 77.3

98 49.6 40.5 60.7



#40

Benzene

Concen: 19.088 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VY017762.D

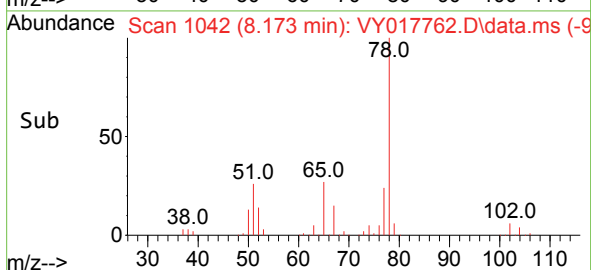
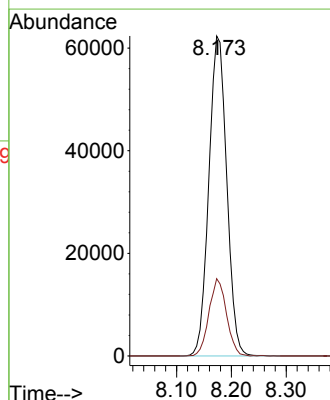
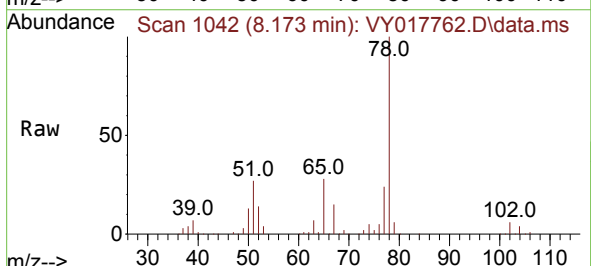
Acq: 26 Mar 2024 11:31

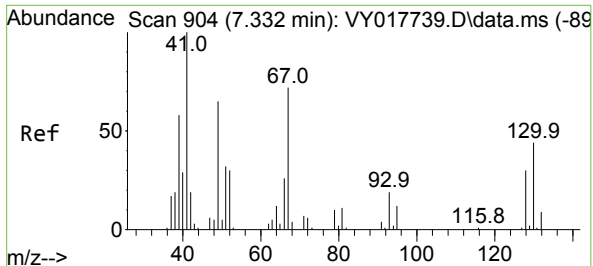
Tgt Ion: 78 Resp: 141003

Ion Ratio Lower Upper

78 100

77 24.2 19.5 29.3

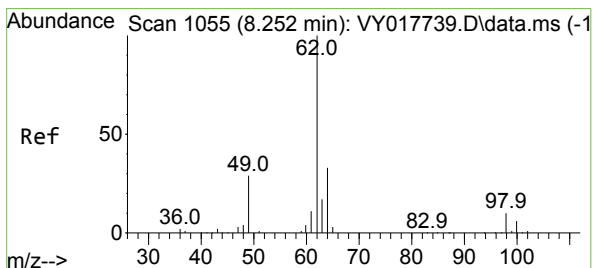
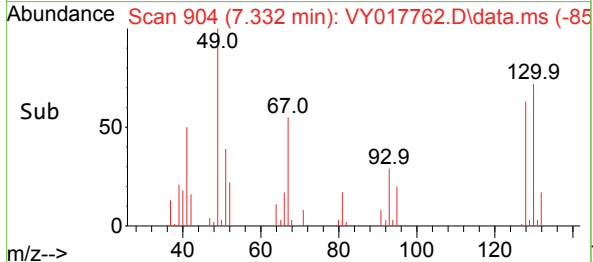
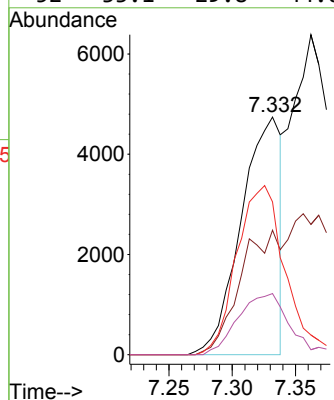
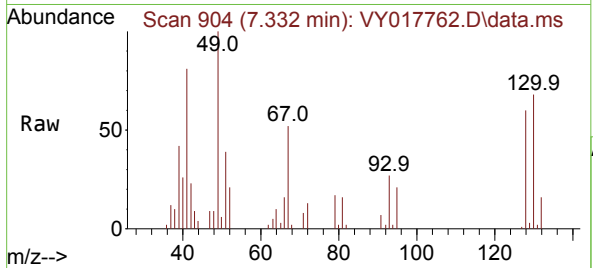




#41
Methacrylonitrile
Concen: 22.245 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

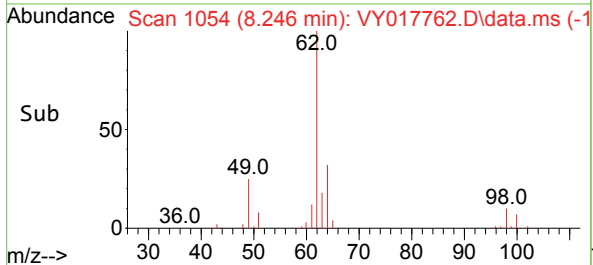
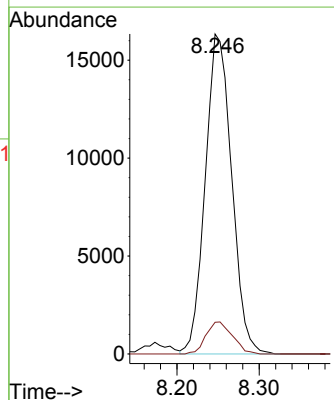
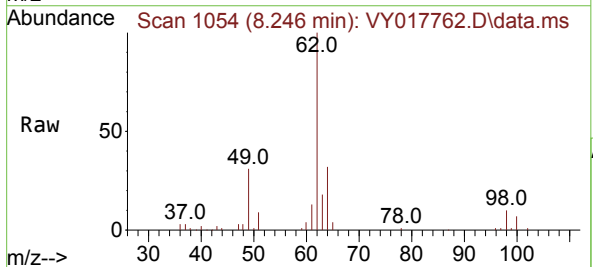
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBS01

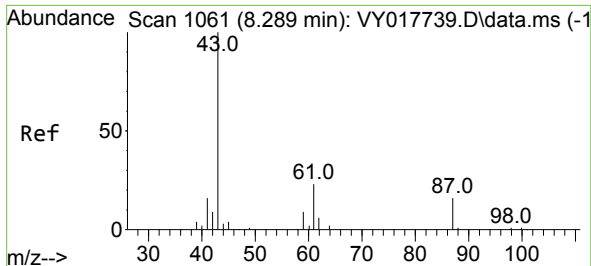
Tgt Ion: 41 Resp: 10420
Ion Ratio Lower Upper
41 100
39 36.7 48.0 72.0#
67 86.5 75.1 112.7
52 33.1 29.8 44.6



#42
1,2-Dichloroethane
Concen: 20.617 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

Tgt Ion: 62 Resp: 36479
Ion Ratio Lower Upper
62 100
98 10.0 0.0 22.0

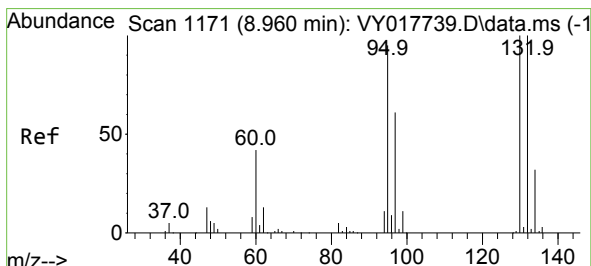
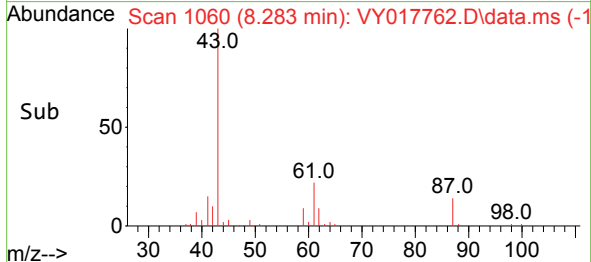
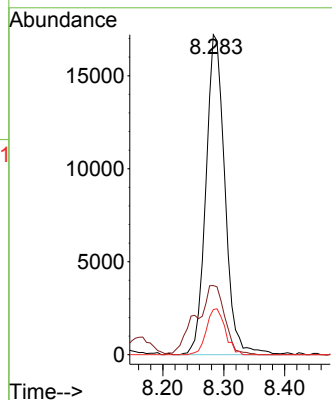
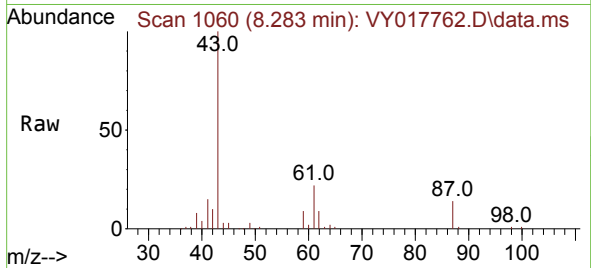




#43
Isopropyl Acetate
Concen: 20.267 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

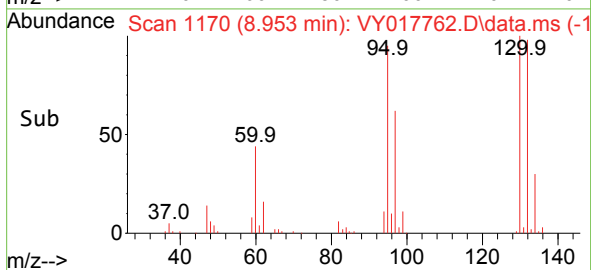
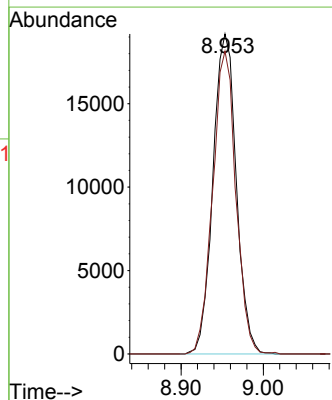
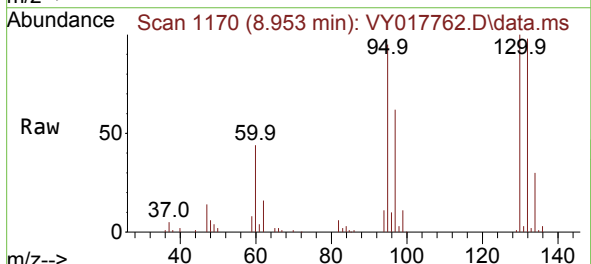
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBS01

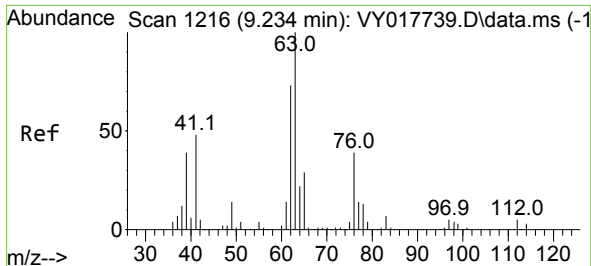
Tgt Ion: 43 Resp: 37213
Ion Ratio Lower Upper
43 100
61 32.8 27.9 41.9
87 14.2 13.1 19.7



#44
Trichloroethene
Concen: 19.539 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

Tgt Ion: 130 Resp: 37753
Ion Ratio Lower Upper
130 100
95 94.6 0.0 188.0

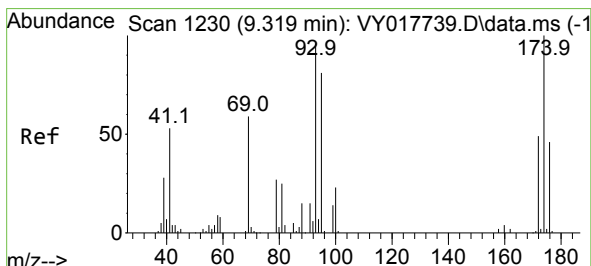
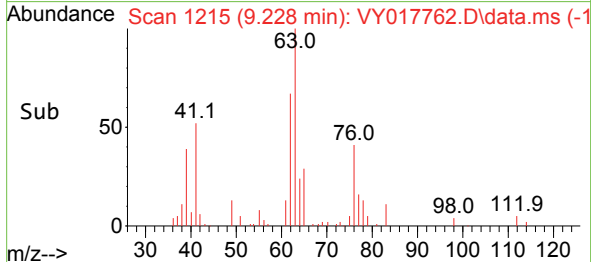
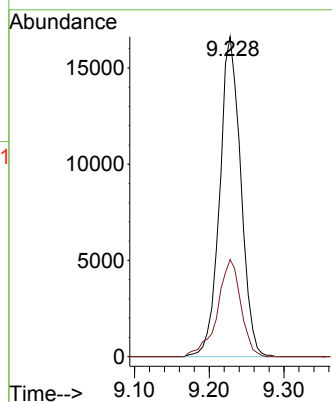
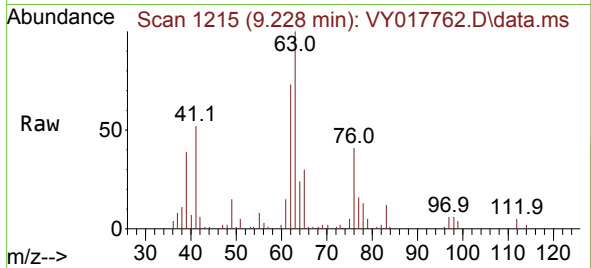




#45
1,2-Dichloropropane
Concen: 19.361 ug/l
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

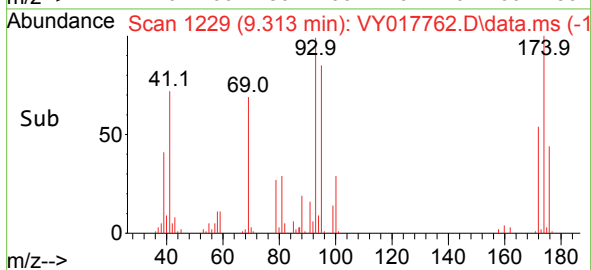
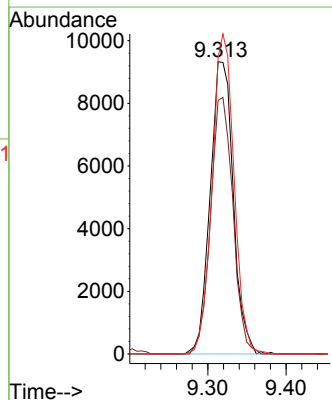
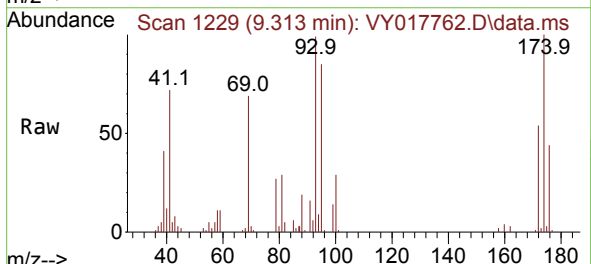
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBS01

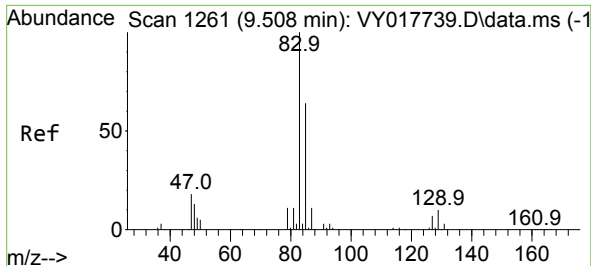
Tgt Ion: 63 Resp: 32587
Ion Ratio Lower Upper
63 100
65 30.3 25.4 38.2



#46
Dibromomethane
Concen: 20.341 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.006 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

Tgt Ion: 93 Resp: 19078
Ion Ratio Lower Upper
93 100
95 84.8 66.2 99.4
174 104.0 80.9 121.3

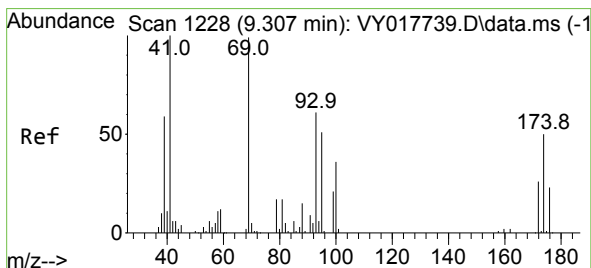
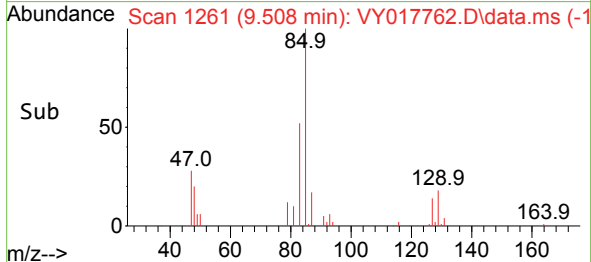
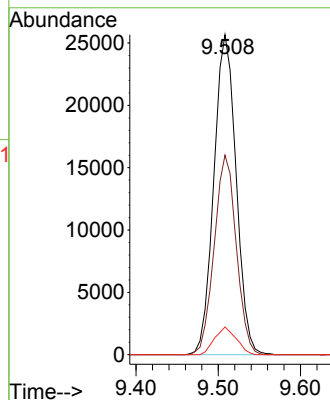
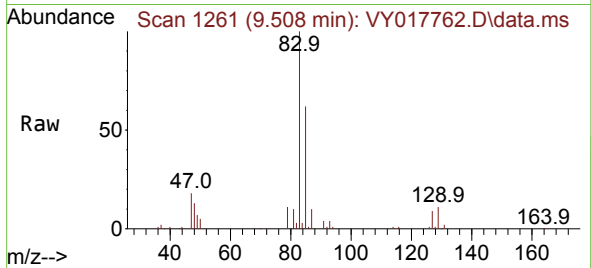




#47
Bromodichloromethane
Concen: 20.130 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

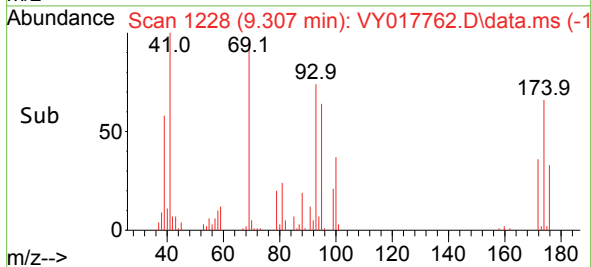
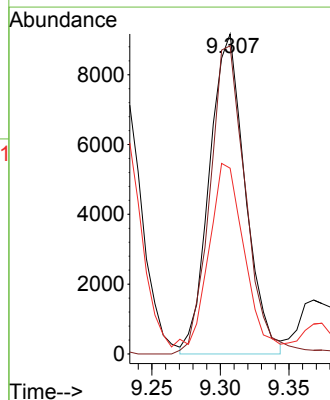
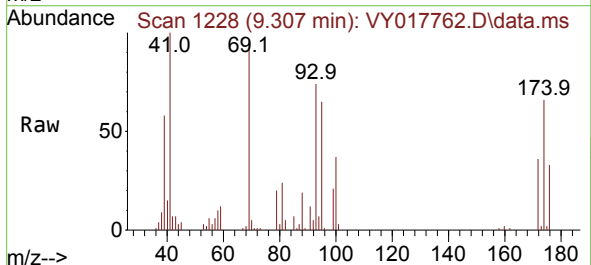
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBS01

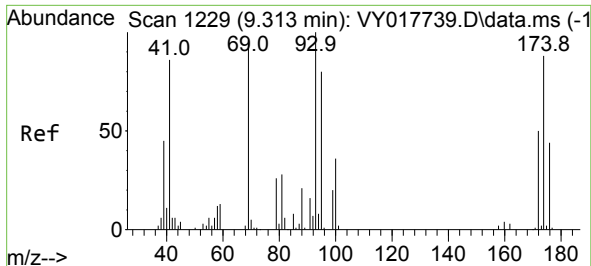
Tgt Ion: 83 Resp: 48276
Ion Ratio Lower Upper
83 100
85 62.4 50.1 75.1
127 8.7 7.4 11.0



#48
Methyl methacrylate
Concen: 19.863 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

Tgt Ion: 41 Resp: 16648
Ion Ratio Lower Upper
41 100
69 96.7 84.1 126.1
39 55.7 43.6 65.4





#49

1,4-Dioxane

Concen: 440.612 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY017762.D

Acq: 26 Mar 2024 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0326SBS01

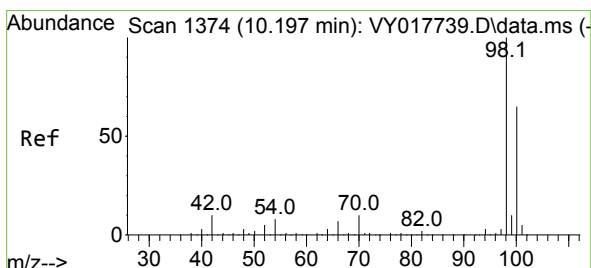
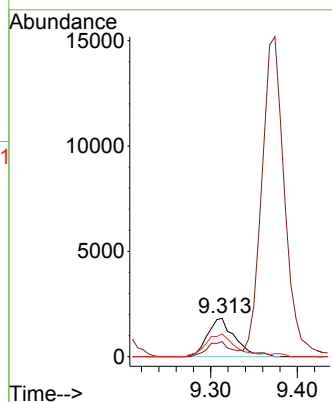
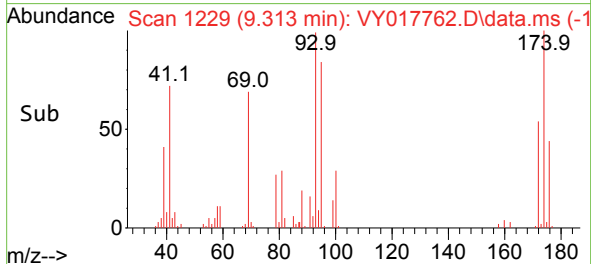
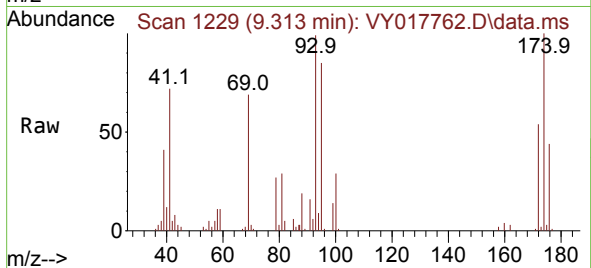
Tgt Ion: 88 Resp: 4021

Ion Ratio Lower Upper

88 100

43 32.8 0.0 0.0#

58 64.2 49.3 73.9



#50

Toluene-d8

Concen: 53.180 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.006 min

Lab File: VY017762.D

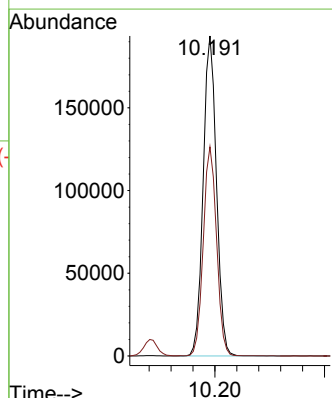
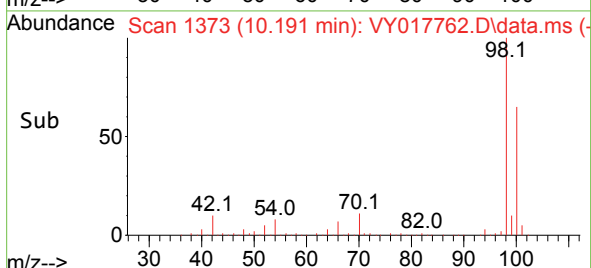
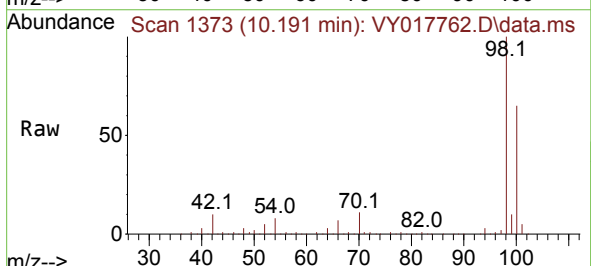
Acq: 26 Mar 2024 11:31

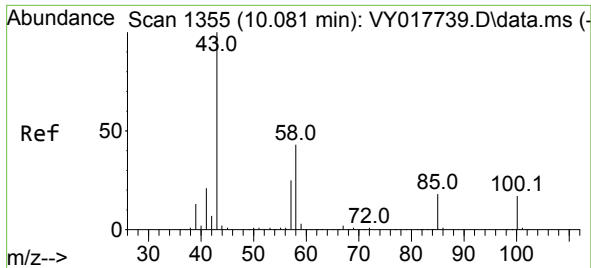
Tgt Ion: 98 Resp: 325117

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0

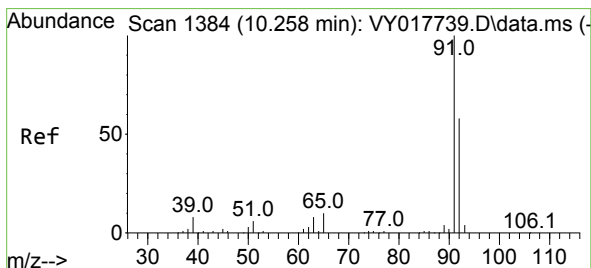
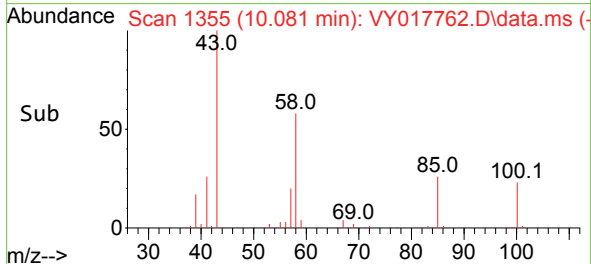
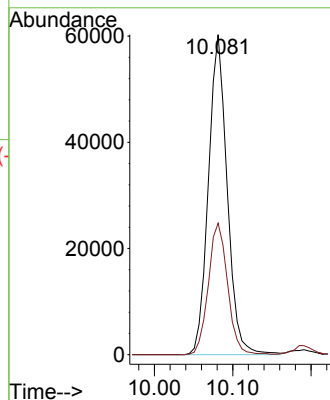
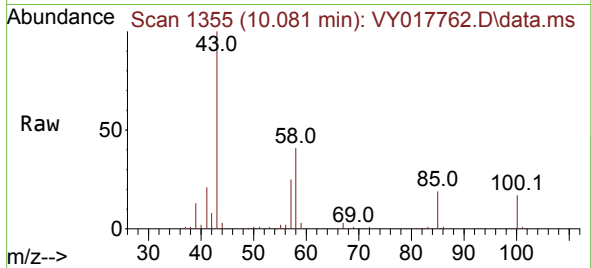




#51
4-Methyl-2-Pentanone
Concen: 102.609 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

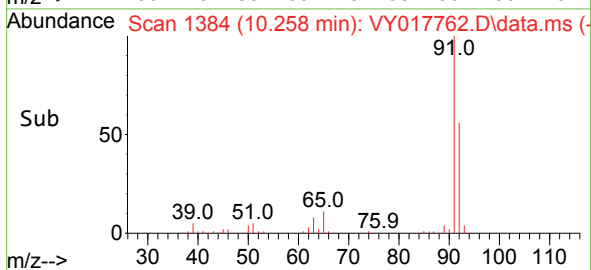
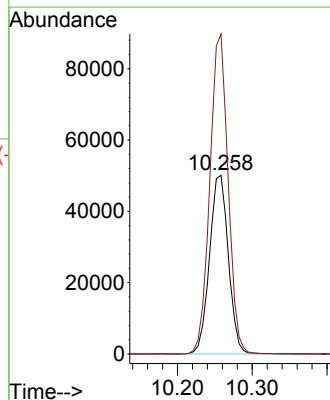
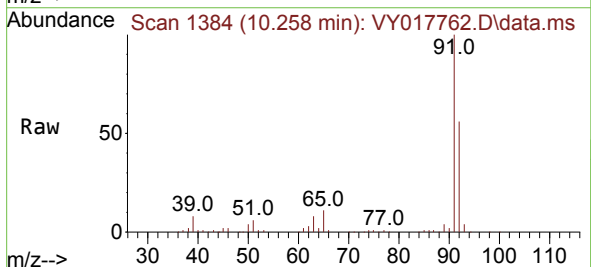
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBS01

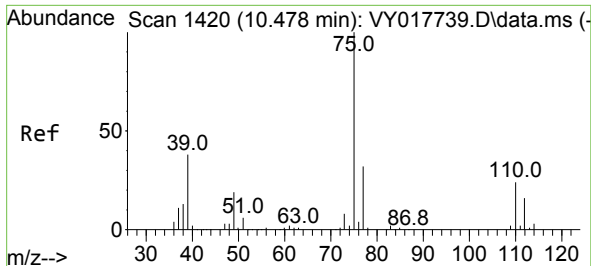
Tgt Ion: 43 Resp: 100025
Ion Ratio Lower Upper
43 100
58 42.3 35.7 53.5



#52
Toluene
Concen: 19.249 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

Tgt Ion: 92 Resp: 87863
Ion Ratio Lower Upper
92 100
91 173.4 139.0 208.6

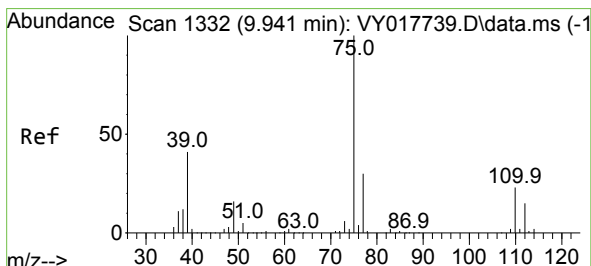
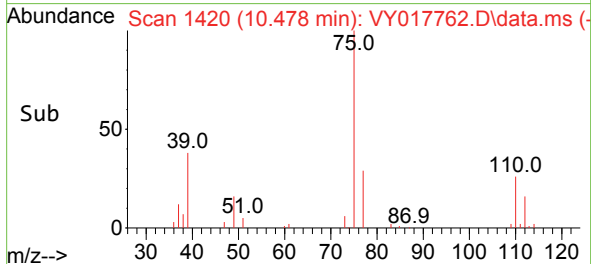
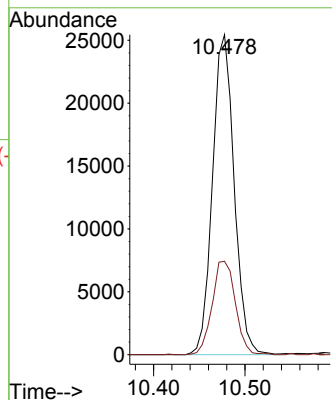
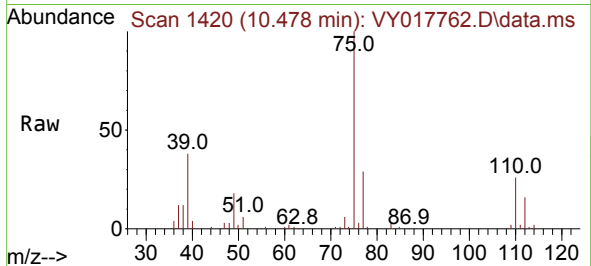




#53
 t-1,3-Dichloropropene
 Concen: 19.953 ug/l
 RT: 10.478 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: VY017762.D
 Acq: 26 Mar 2024 11:31

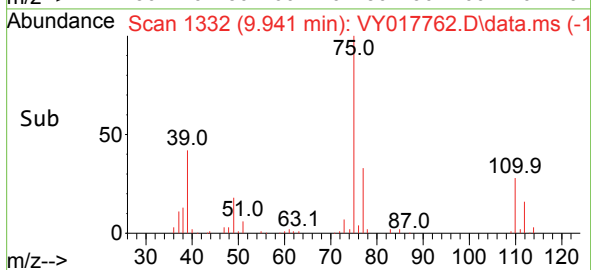
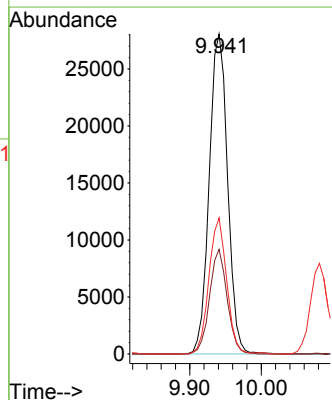
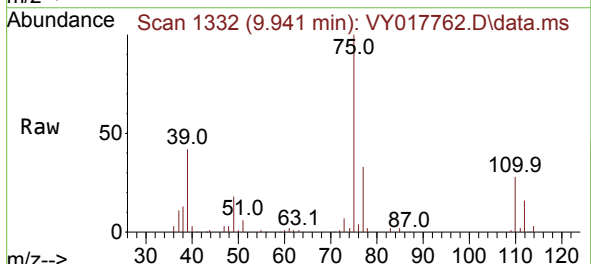
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0326SBS01

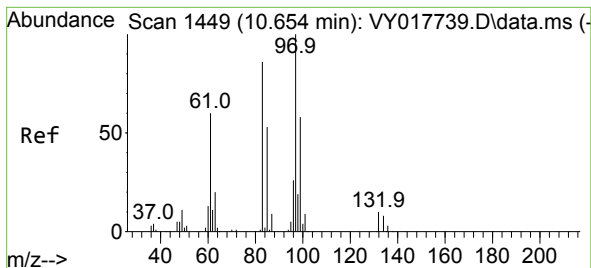
Tgt Ion: 75 Resp: 41849
 Ion Ratio Lower Upper
 75 100
 77 29.2 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 19.533 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.000 min
 Lab File: VY017762.D
 Acq: 26 Mar 2024 11:31

Tgt Ion: 75 Resp: 50044
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.4 38.0
 39 42.5 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 21.004 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.000 min

Lab File: VY017762.D

Acq: 26 Mar 2024 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0326SBS01

Tgt Ion: 97 Resp: 25201

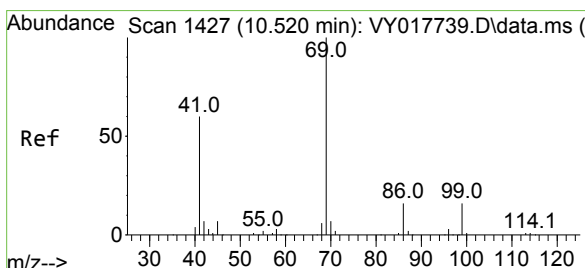
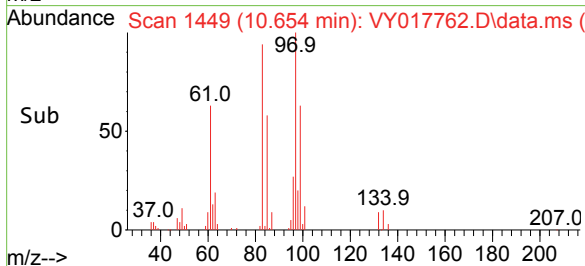
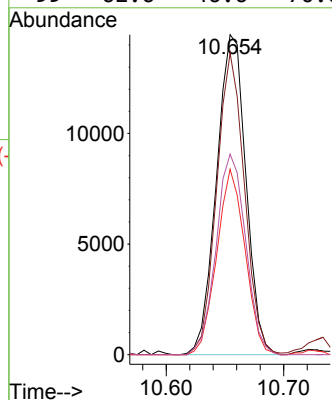
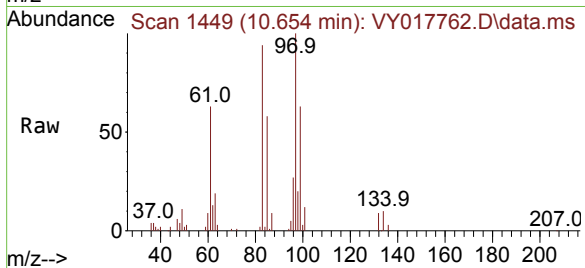
Ion Ratio Lower Upper

97 100

83 94.3 67.5 101.3

85 58.0 42.9 64.3

99 62.6 46.6 70.0



#56

Ethyl methacrylate

Concen: 19.487 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY017762.D

Acq: 26 Mar 2024 11:31

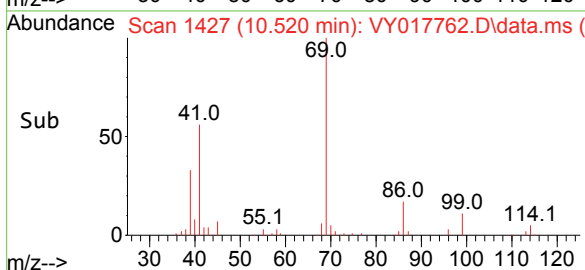
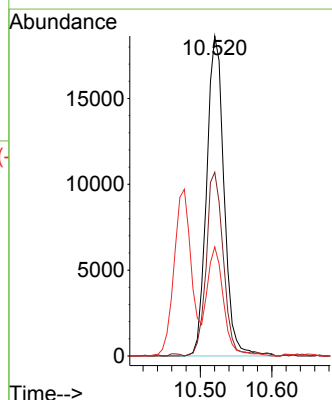
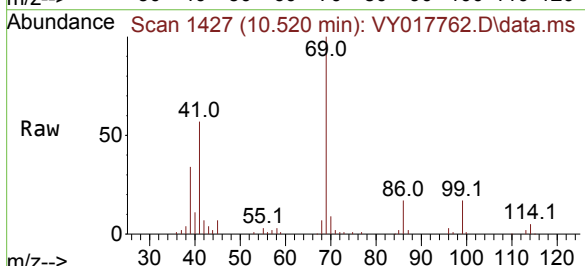
Tgt Ion: 69 Resp: 31504

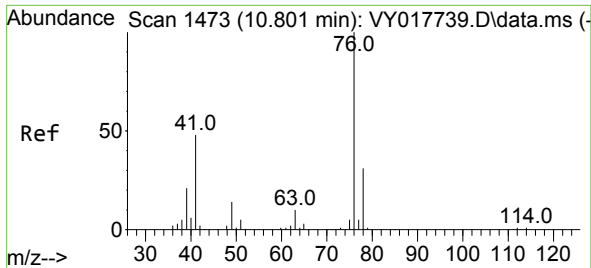
Ion Ratio Lower Upper

69 100

41 55.9 42.3 63.5

39 31.7 22.9 34.3

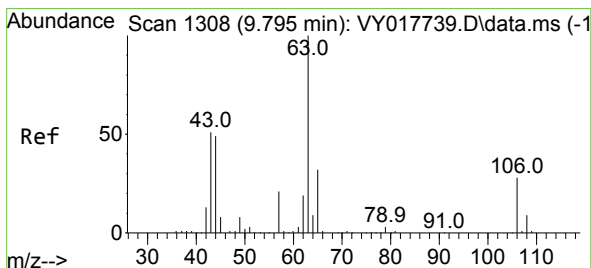
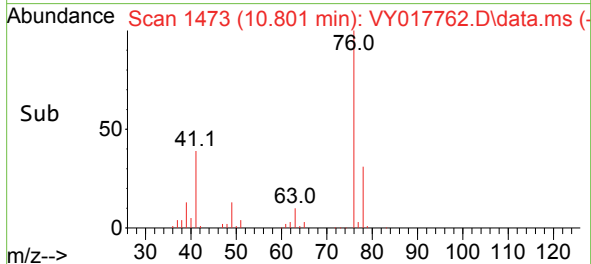
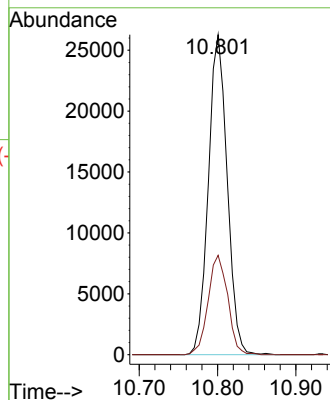
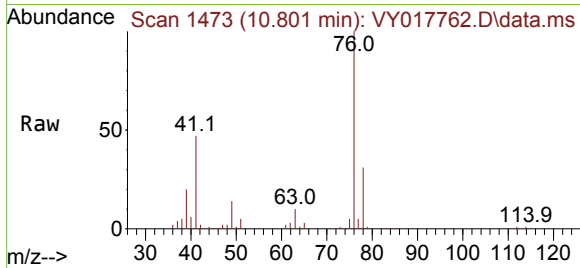




#57
1,3-Dichloropropane
Concen: 21.227 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

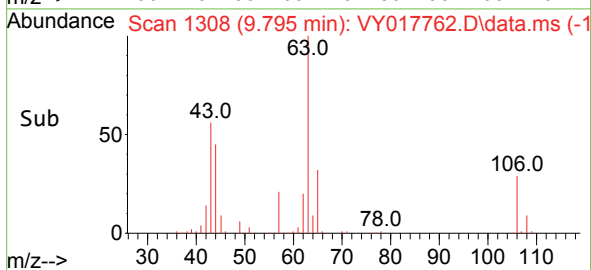
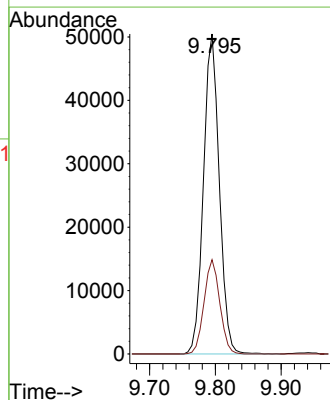
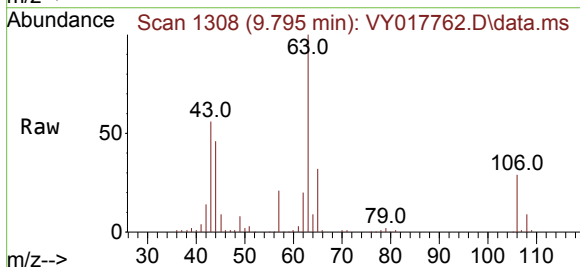
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBSD01

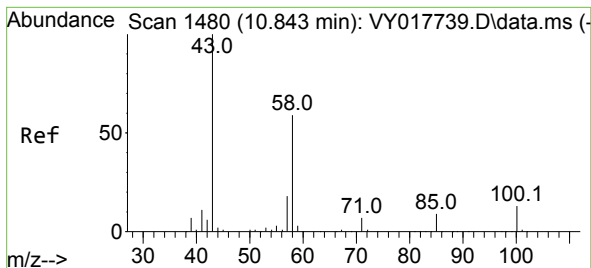
Tgt Ion: 76 Resp: 43868
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 105.584 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. -0.000 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

Tgt Ion: 63 Resp: 84280
Ion Ratio Lower Upper
63 100
106 29.3 23.7 35.5

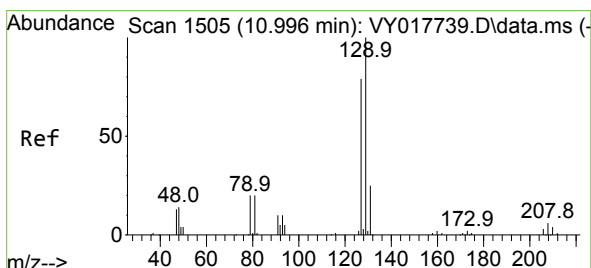
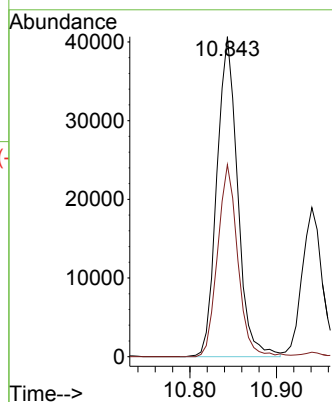
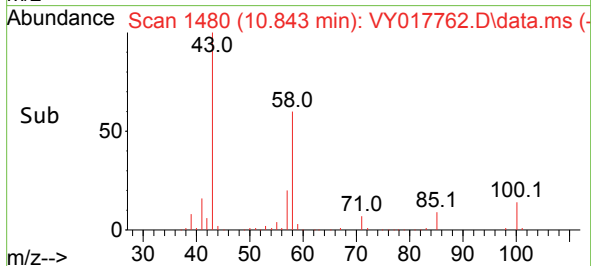
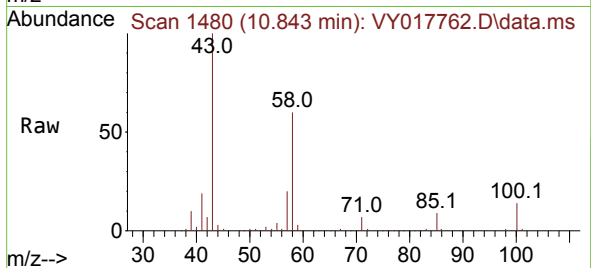




#59
2-Hexanone
Concen: 101.253 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

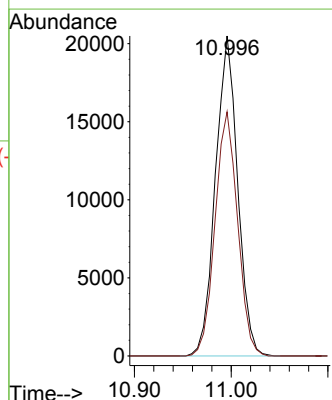
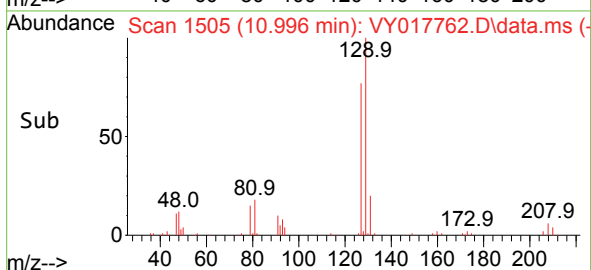
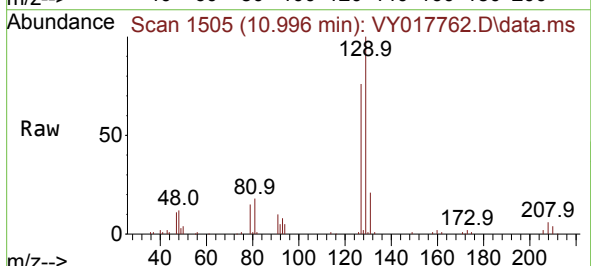
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBS01

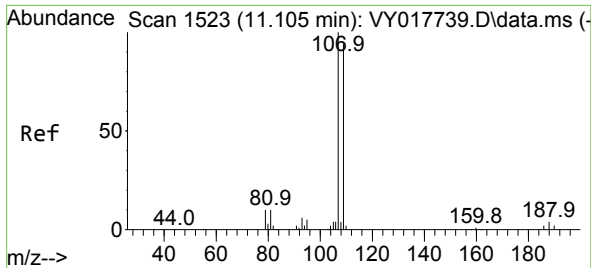
Tgt Ion: 43 Resp: 67651
Ion Ratio Lower Upper
43 100
58 58.5 31.4 94.0



#60
Dibromochloromethane
Concen: 20.347 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.000 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

Tgt Ion: 129 Resp: 32654
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0

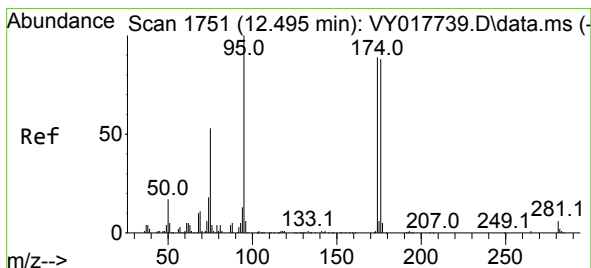
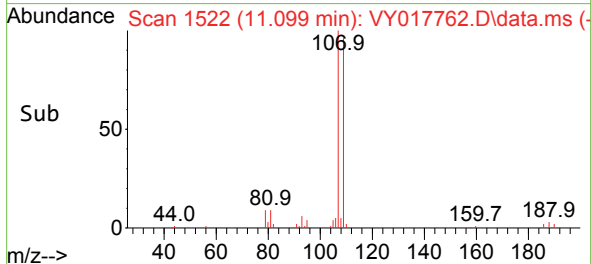
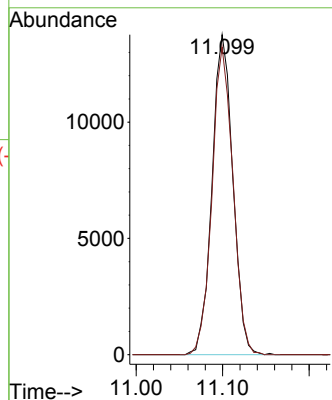
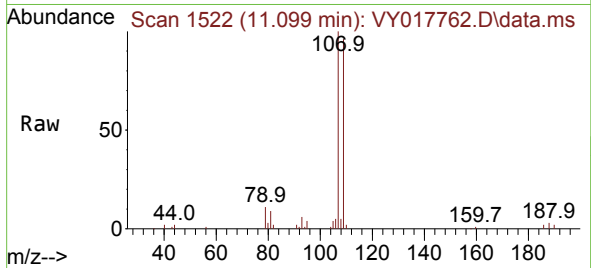




#61
1,2-Dibromoethane
Concen: 20.411 ug/l
RT: 11.099 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

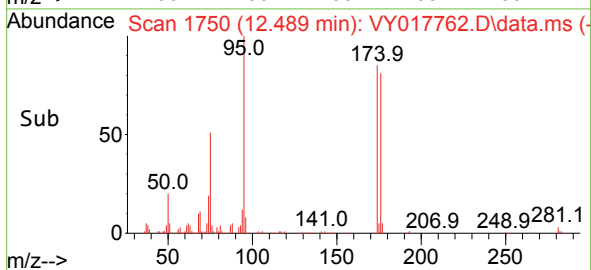
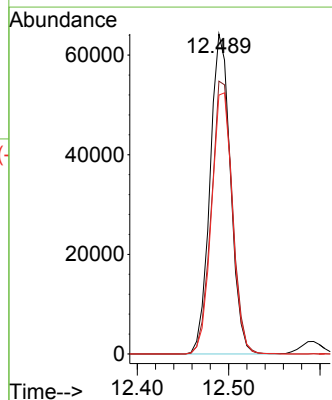
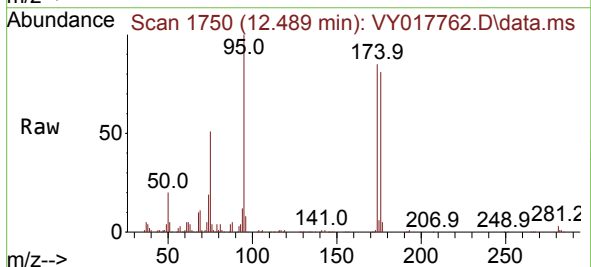
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBSD01

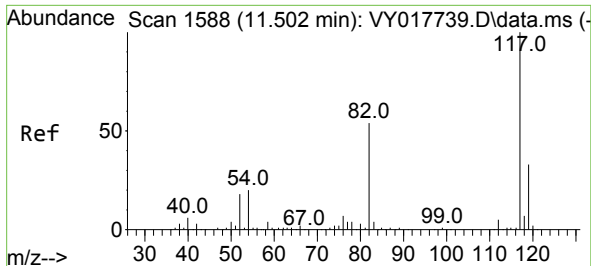
Tgt Ion:107 Resp: 22991
Ion Ratio Lower Upper
107 100
109 96.7 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 54.494 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

Tgt Ion: 95 Resp: 100039
Ion Ratio Lower Upper
95 100
174 87.6 0.0 175.6
176 83.4 0.0 171.4

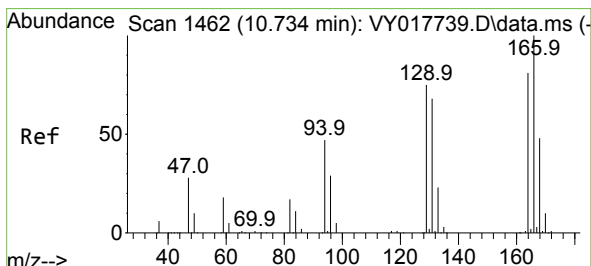
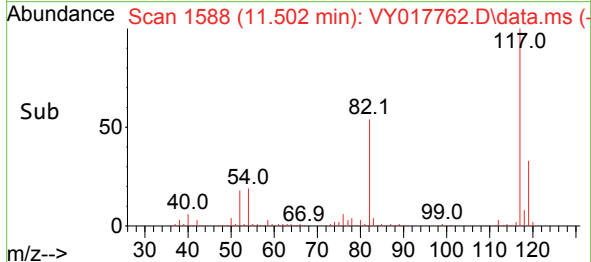
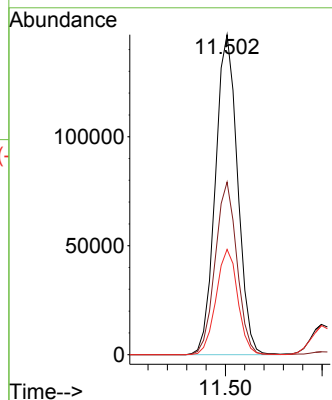
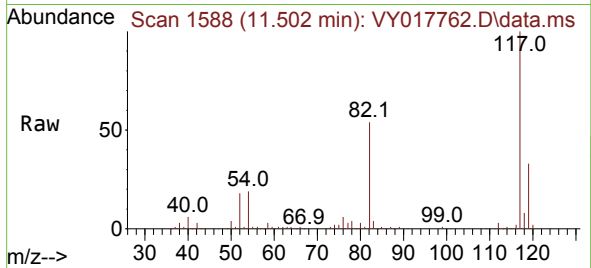




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

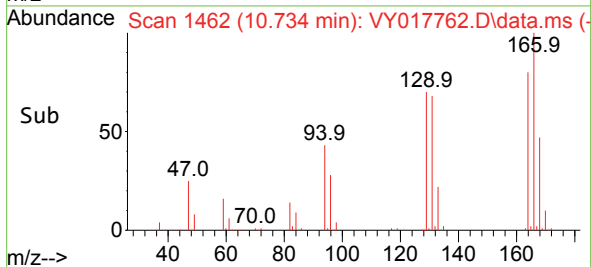
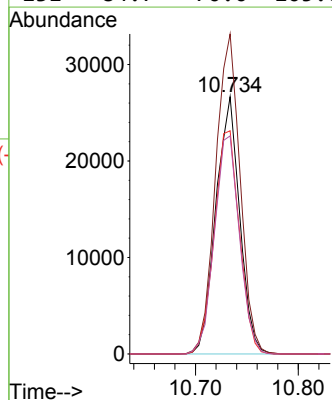
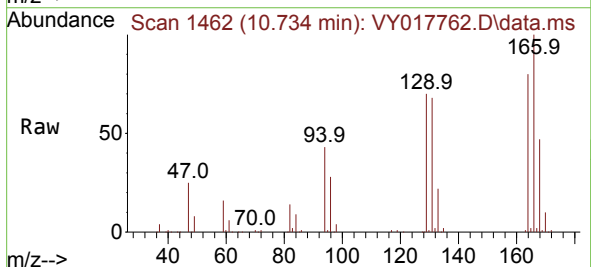
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBS01

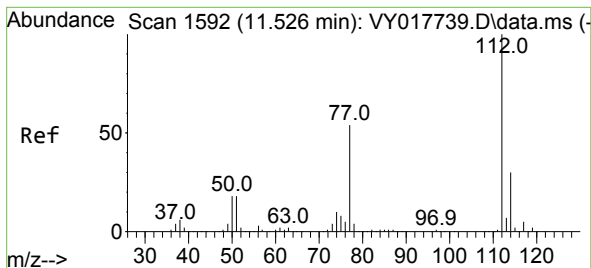
Tgt Ion:117 Resp: 233968
Ion Ratio Lower Upper
117 100
82 54.0 42.4 63.6
119 32.9 25.9 38.9



#64
Tetrachloroethene
Concen: 19.834 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. 0.000 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

Tgt Ion:164 Resp: 42915
Ion Ratio Lower Upper
164 100
166 124.4 102.6 154.0
129 86.7 72.0 108.0
131 84.7 70.0 105.0

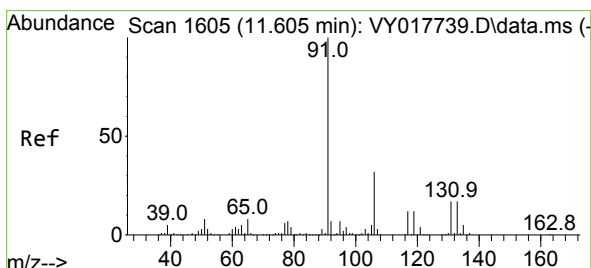
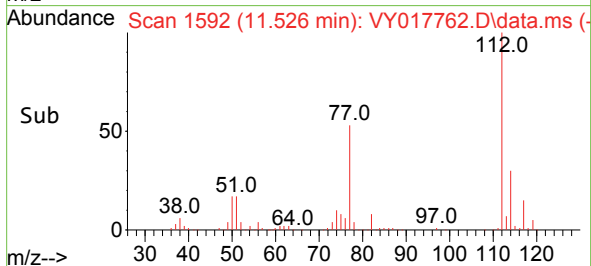
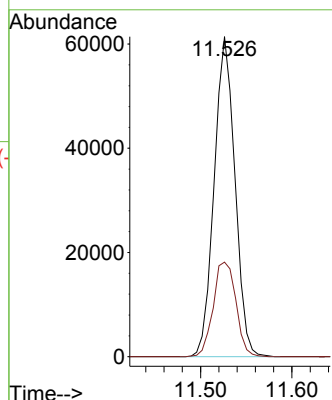
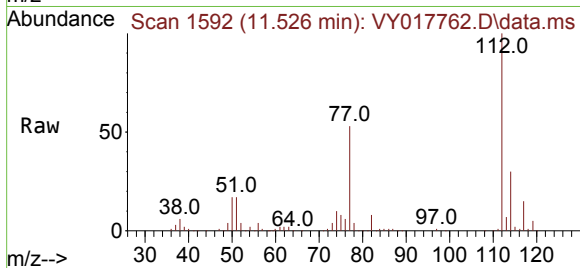




#65
Chlorobenzene
Concen: 19.265 ug/l
RT: 11.526 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

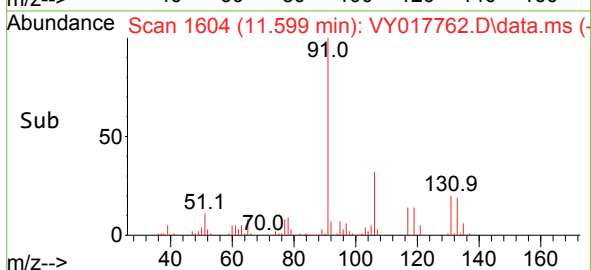
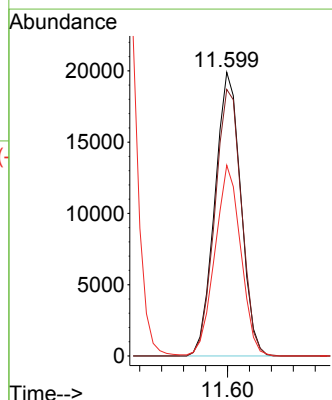
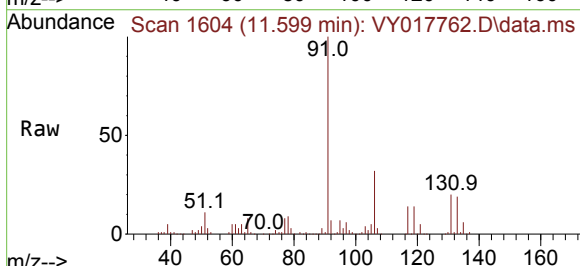
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBSD01

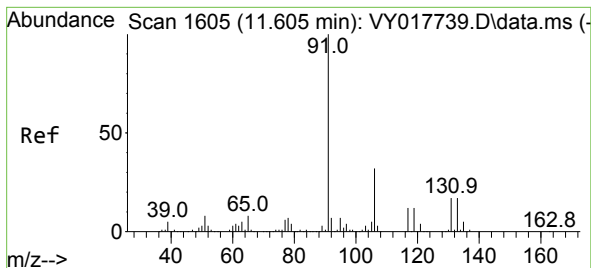
Tgt Ion:112 Resp: 97025
Ion Ratio Lower Upper
112 100
114 29.6 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.508 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.006 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

Tgt Ion:131 Resp: 32810
Ion Ratio Lower Upper
131 100
133 96.0 47.8 143.3
119 66.8 34.1 102.2





#67

Ethyl Benzene

Concen: 18.872 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017762.D

Acq: 26 Mar 2024 11:31

Instrument :

MSVOA_Y

ClientSampleId :

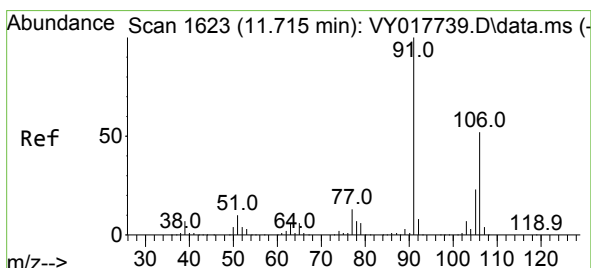
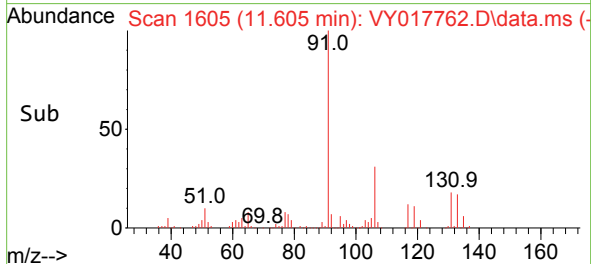
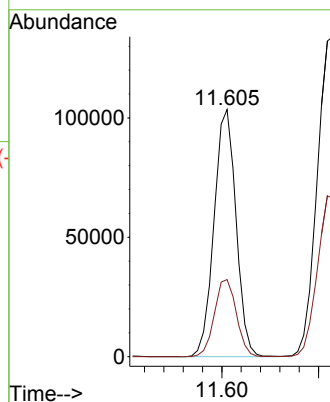
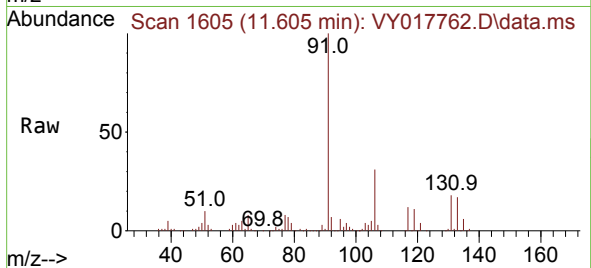
VY0326SBS01

Tgt Ion: 91 Resp: 163239

Ion Ratio Lower Upper

91 100

106 31.2 24.5 36.7



#68

m/p-Xylenes

Concen: 37.829 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.006 min

Lab File: VY017762.D

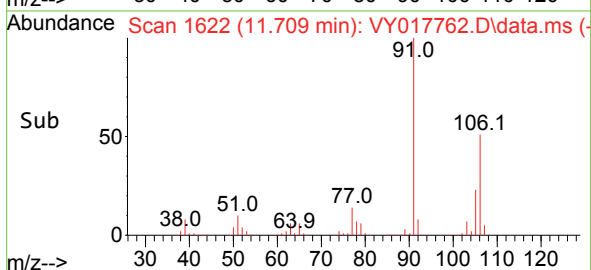
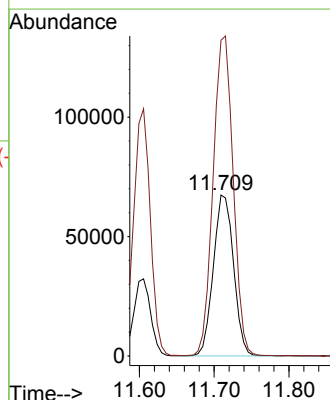
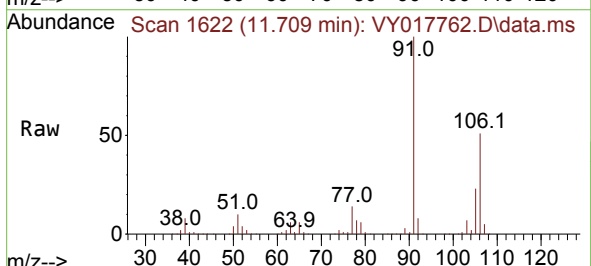
Acq: 26 Mar 2024 11:31

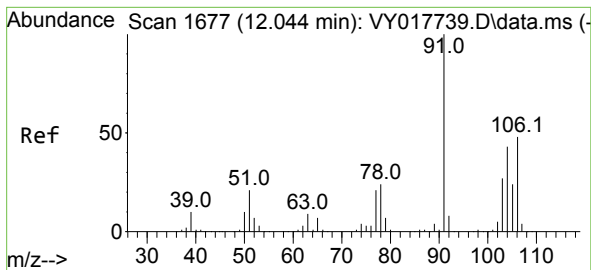
Tgt Ion:106 Resp: 126932

Ion Ratio Lower Upper

106 100

91 196.6 156.0 234.0





#69

o-Xylene

Concen: 19.073 ug/l

RT: 12.038 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017762.D

Acq: 26 Mar 2024 11:31

Instrument :

MSVOA_Y

ClientSampleId :

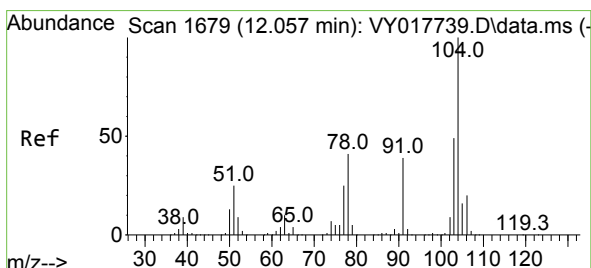
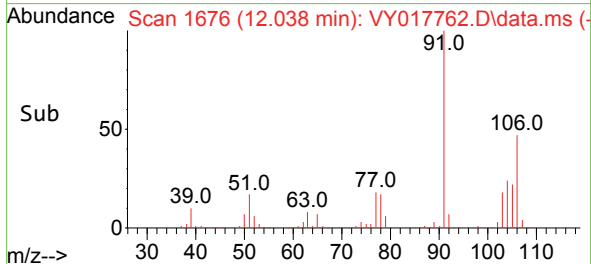
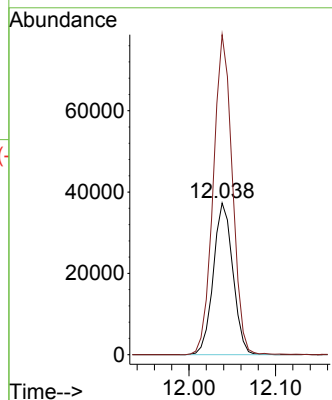
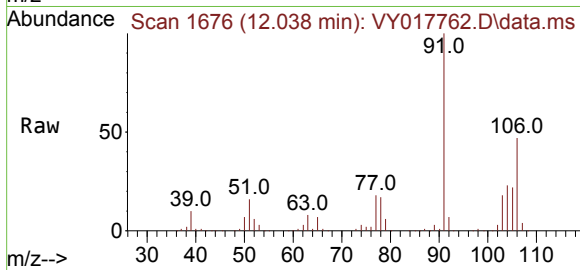
VY0326SBS01

Tgt Ion:106 Resp: 58429

Ion Ratio Lower Upper

106 100

91 206.5 103.6 310.8



#70

Styrene

Concen: 19.451 ug/l

RT: 12.057 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY017762.D

Acq: 26 Mar 2024 11:31

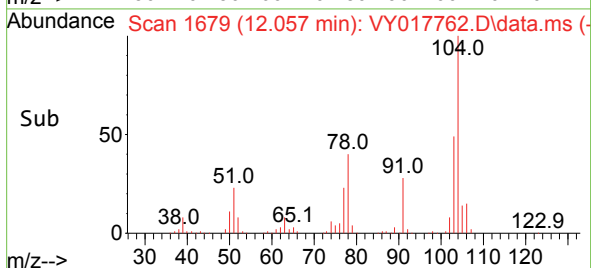
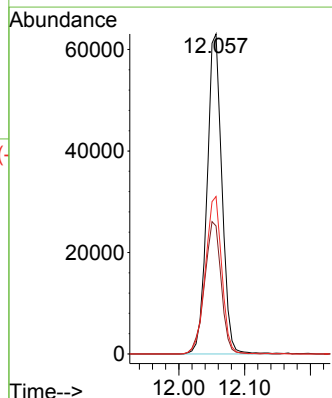
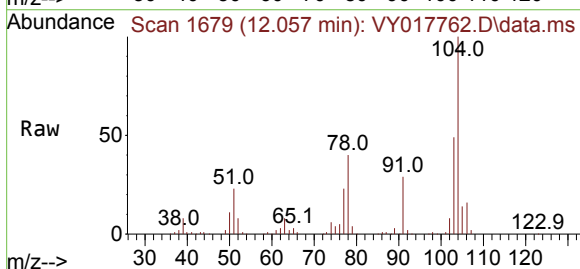
Tgt Ion:104 Resp: 99172

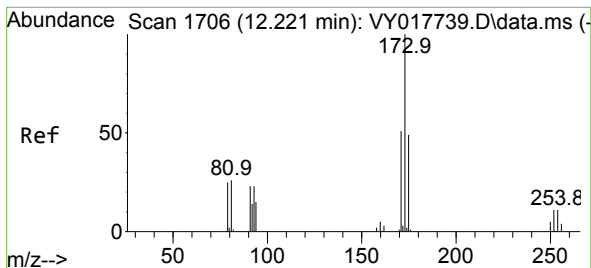
Ion Ratio Lower Upper

104 100

78 46.2 37.0 55.4

103 54.2 44.2 66.2





#71

Bromoform

Concen: 21.040 ug/l

RT: 12.215 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017762.D

Acq: 26 Mar 2024 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0326SBS01

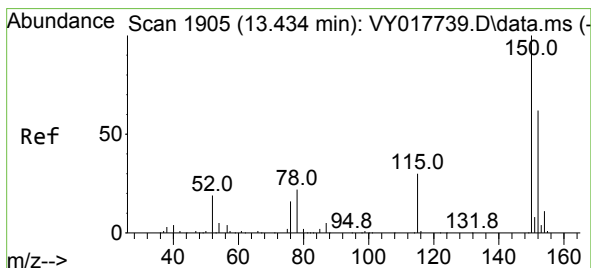
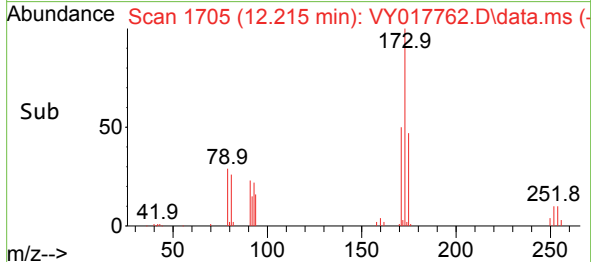
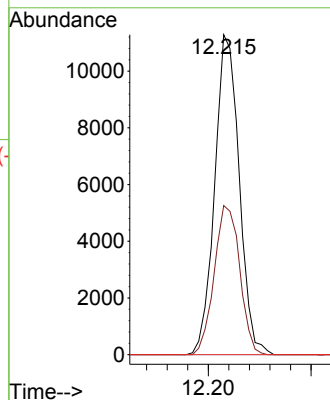
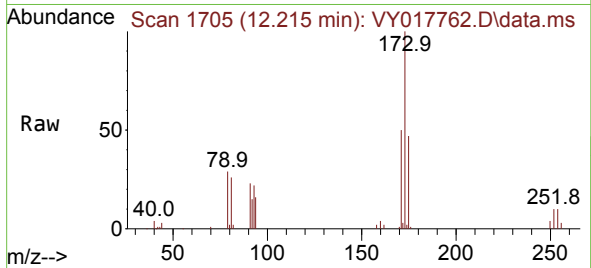
Tgt Ion:173 Resp: 18636

Ion Ratio Lower Upper

173 100

175 48.6 25.1 75.3

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: VY017762.D

Acq: 26 Mar 2024 11:31

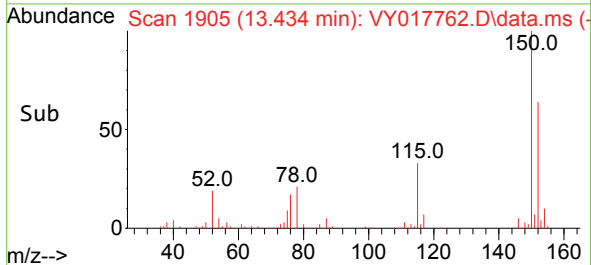
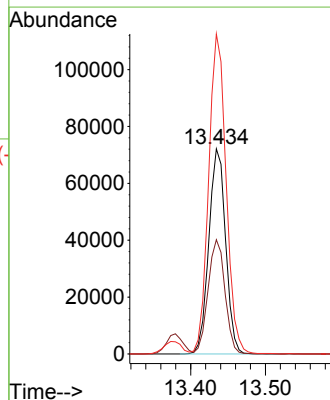
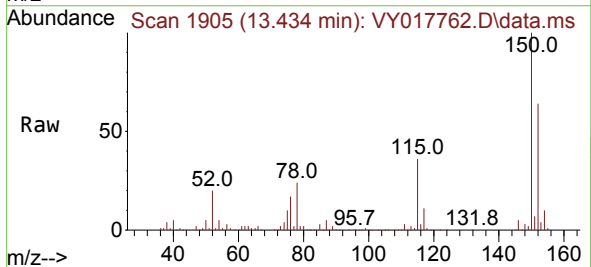
Tgt Ion:152 Resp: 112583

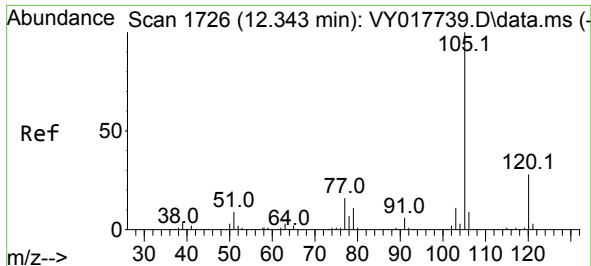
Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

150 162.2 0.0 345.6

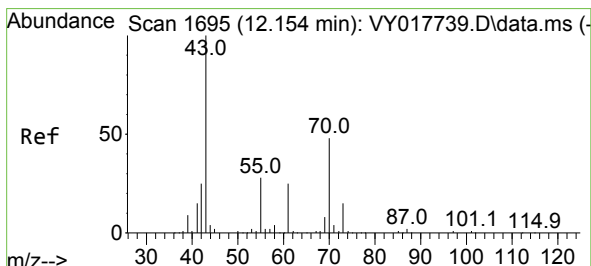
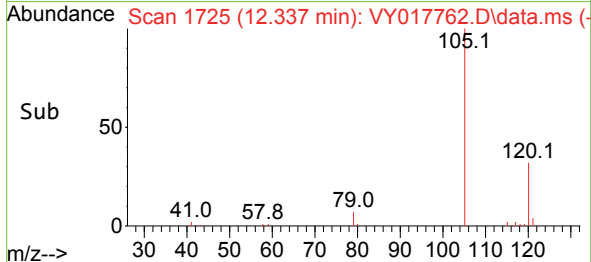
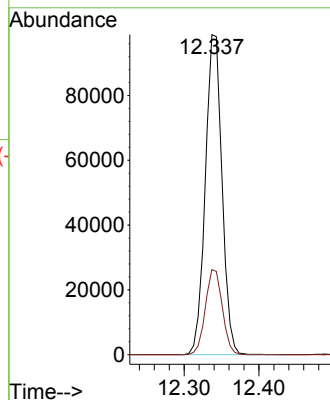
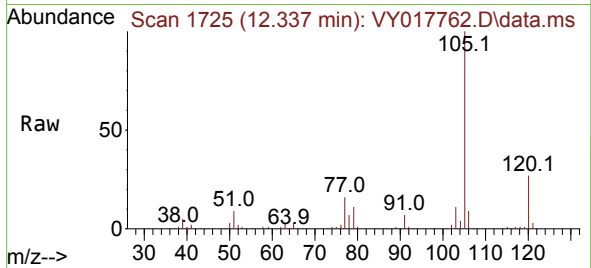




#73
Isopropylbenzene
Concen: 18.002 ug/l
RT: 12.337 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

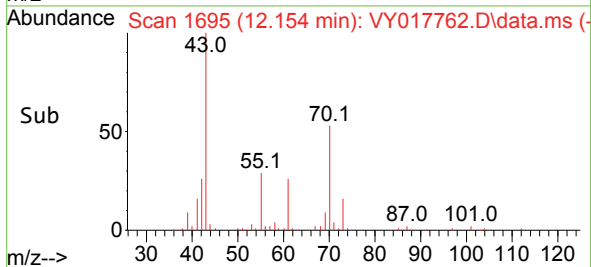
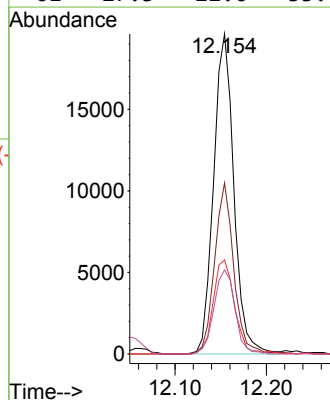
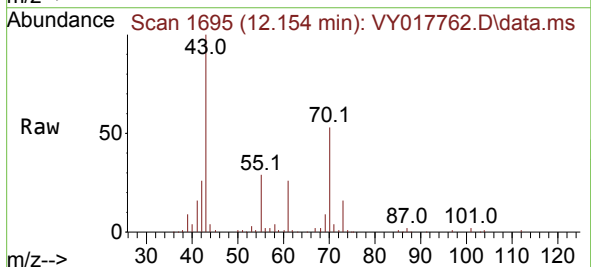
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBS01

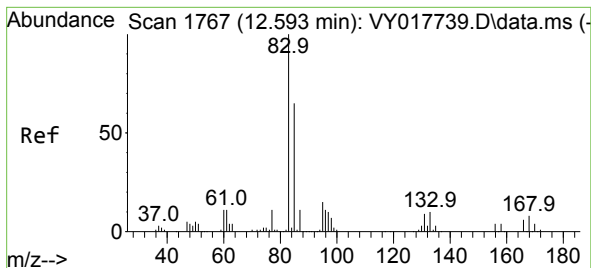
Tgt Ion:105 Resp: 153040
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.1



#74
N-ethyl acetate
Concen: 18.820 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

Tgt Ion: 43 Resp: 30242
Ion Ratio Lower Upper
43 100
70 50.6 41.4 62.2
55 30.6 23.3 34.9
61 27.3 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.924 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.000 min

Lab File: VY017762.D

Acq: 26 Mar 2024 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0326SBS01

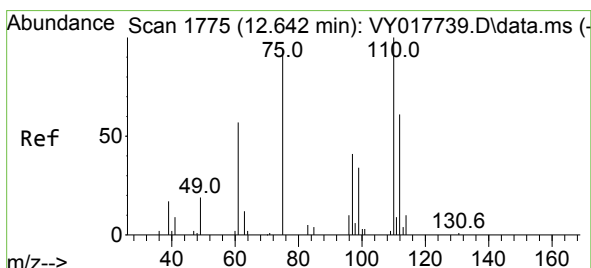
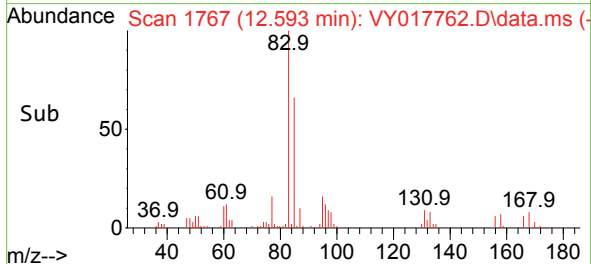
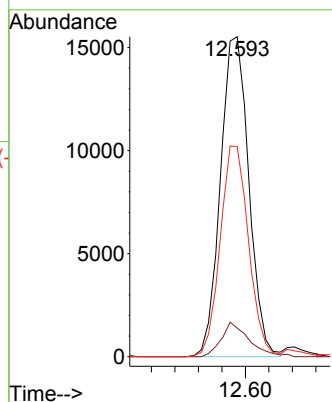
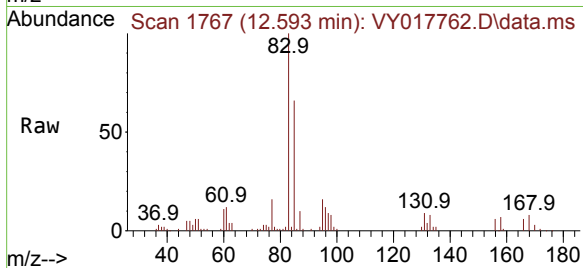
Tgt Ion: 83 Resp: 26079

Ion Ratio Lower Upper

83 100

131 10.5 5.0 14.9

85 65.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 33.931 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY017762.D

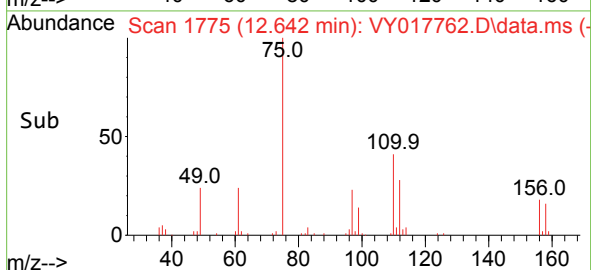
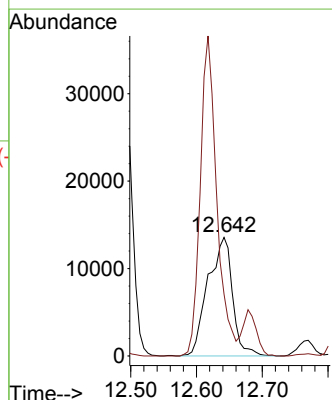
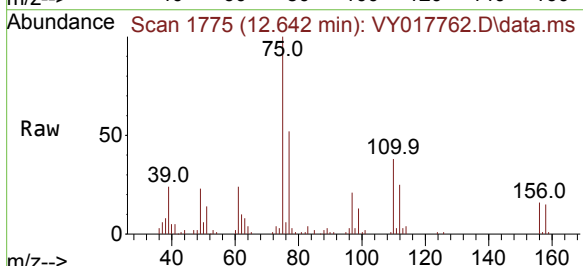
Acq: 26 Mar 2024 11:31

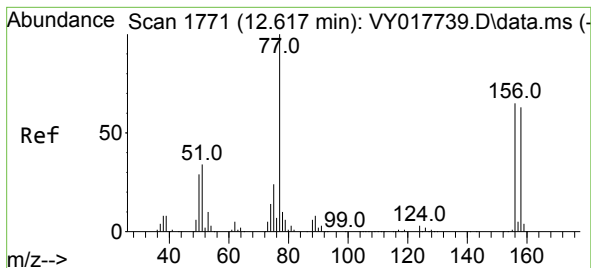
Tgt Ion: 75 Resp: 35276

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.887 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017762.D

Acq: 26 Mar 2024 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0326SBSD01

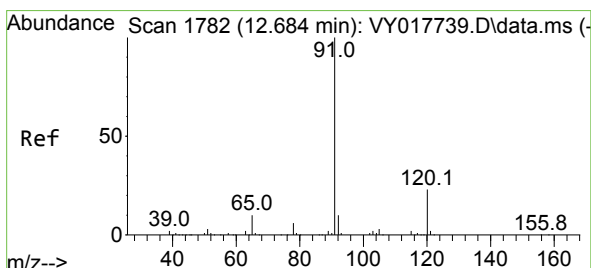
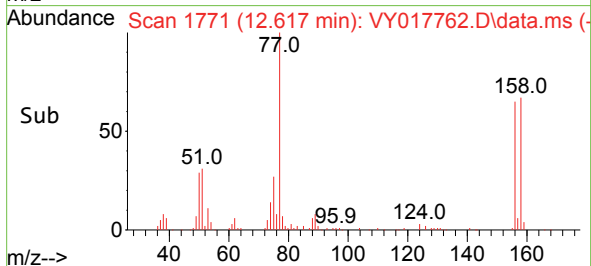
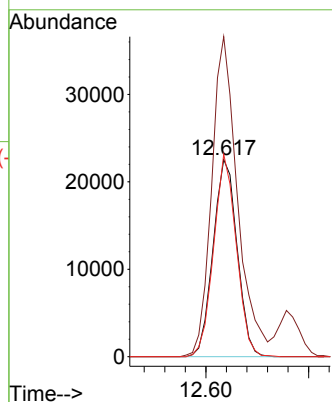
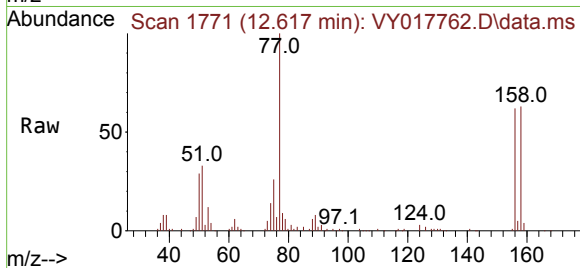
Tgt Ion:156 Resp: 36556

Ion Ratio Lower Upper

156 100

77 174.9 87.1 261.3

158 97.0 48.6 145.9



#78

n-propylbenzene

Concen: 18.416 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.006 min

Lab File: VY017762.D

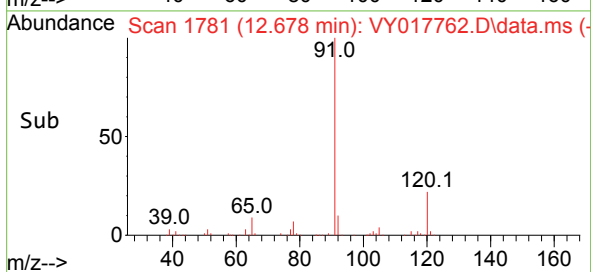
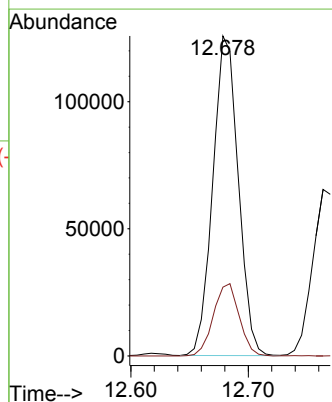
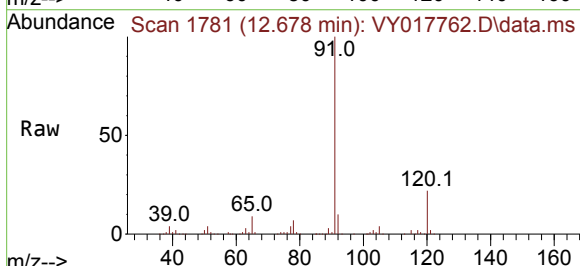
Acq: 26 Mar 2024 11:31

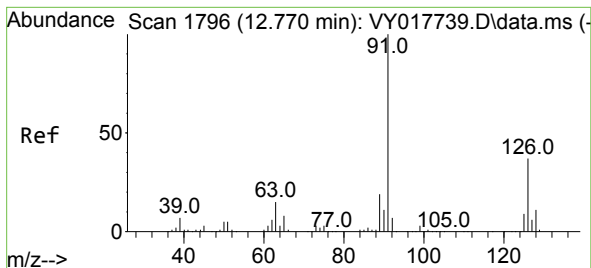
Tgt Ion: 91 Resp: 189520

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 18.382 ug/l

RT: 12.764 min Scan# 1795

Delta R.T. -0.006 min

Lab File: VY017762.D

Acq: 26 Mar 2024 11:31

Instrument :

MSVOA_Y

ClientSampleId :

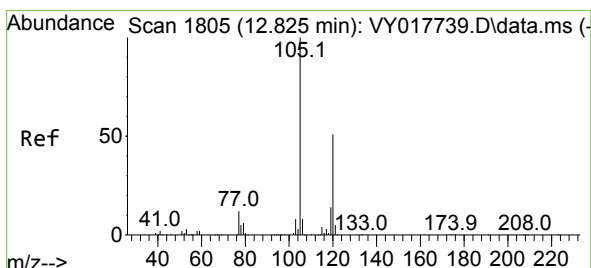
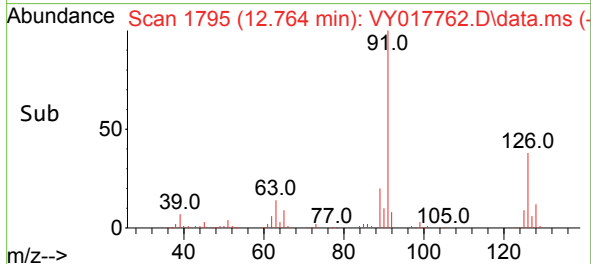
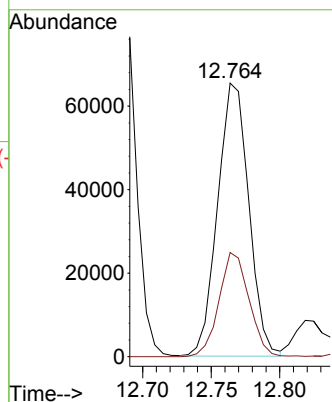
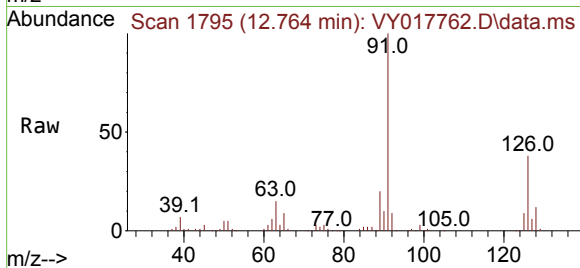
VY0326SBS01

Tgt Ion: 91 Resp: 103734

Ion Ratio Lower Upper

91 100

126 36.7 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 18.582 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VY017762.D

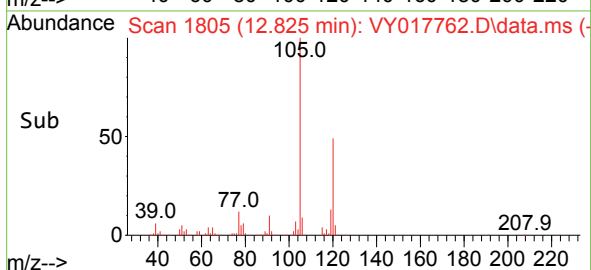
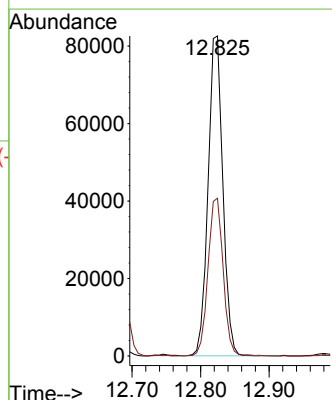
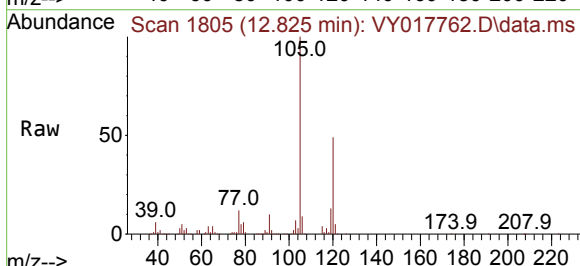
Acq: 26 Mar 2024 11:31

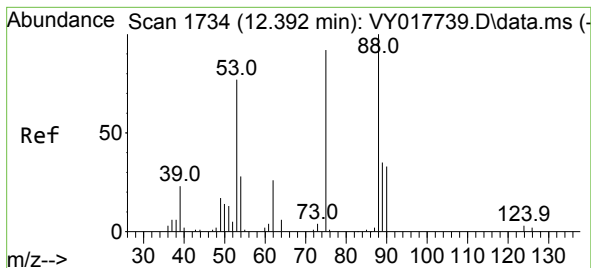
Tgt Ion:105 Resp: 123658

Ion Ratio Lower Upper

105 100

120 50.7 25.1 75.2

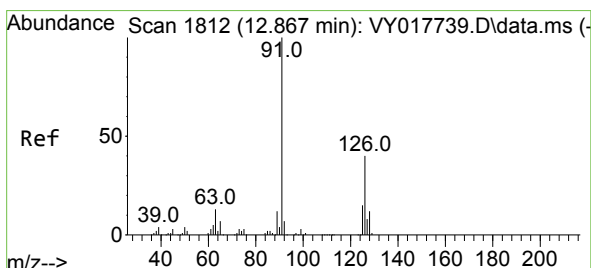
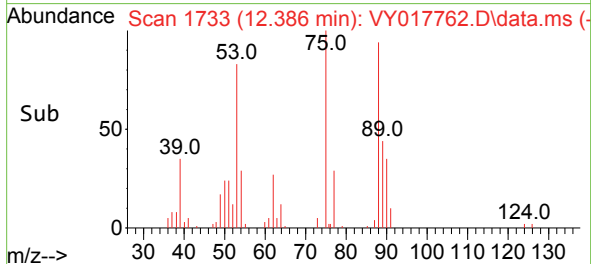
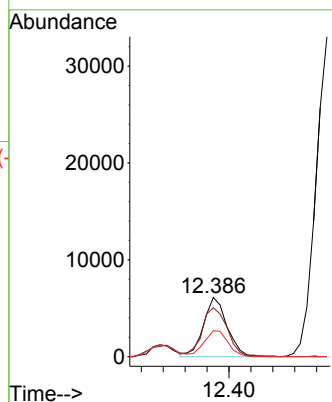
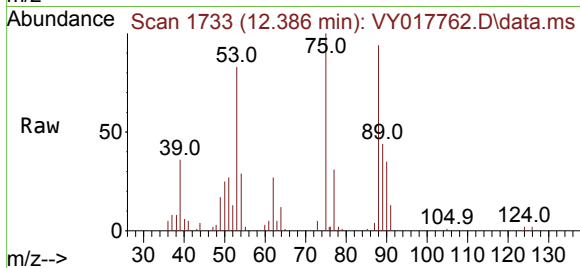




#81
trans-1,4-Dichloro-2-butene
Concen: 20.395 ug/l
RT: 12.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

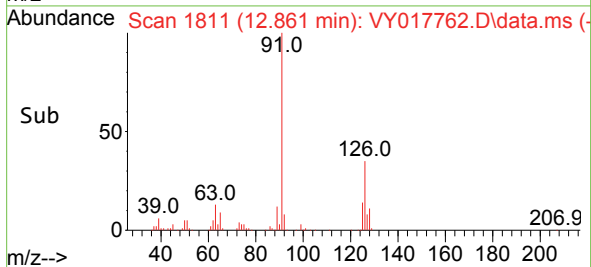
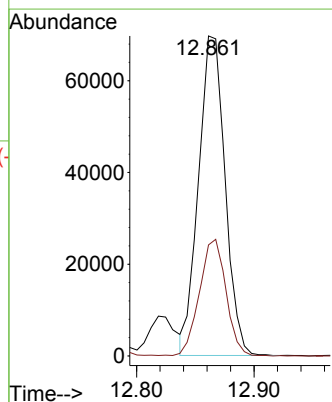
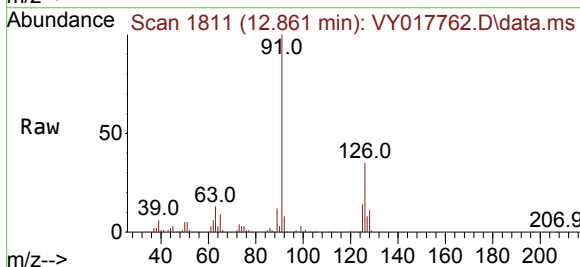
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBS01

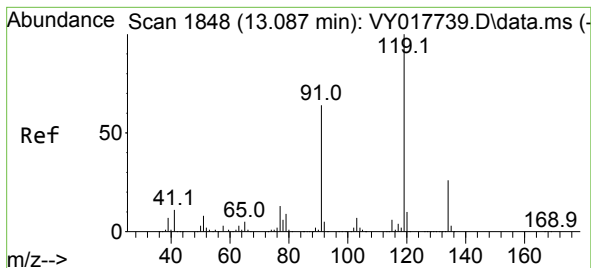
Tgt Ion: 75 Resp: 9176
Ion Ratio Lower Upper
75 100
53 88.3 66.8 100.2
89 44.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 18.889 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.006 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

Tgt Ion: 91 Resp: 109374
Ion Ratio Lower Upper
91 100
126 36.7 17.6 52.9





#83

tert-Butylbenzene

Concen: 18.492 ug/l

RT: 13.087 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY017762.D

Acq: 26 Mar 2024 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0326SBSD01

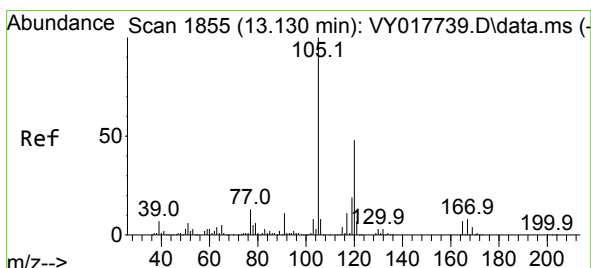
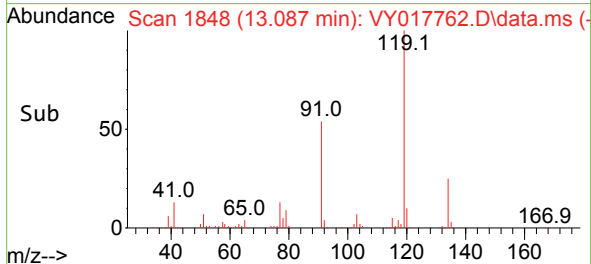
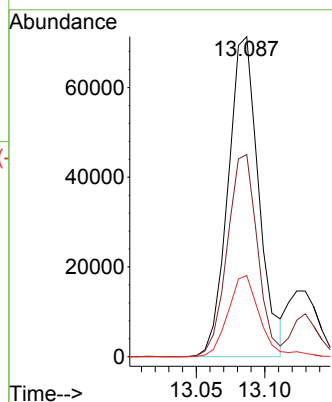
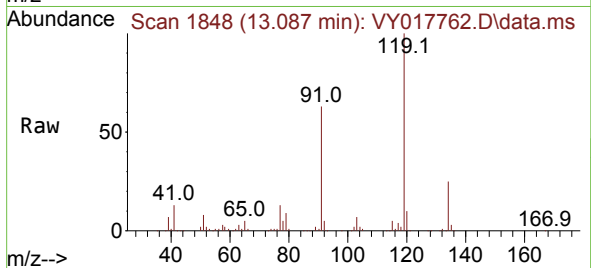
Tgt Ion:119 Resp: 111362

Ion Ratio Lower Upper

119 100

91 62.2 31.3 93.8

134 26.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 18.884 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY017762.D

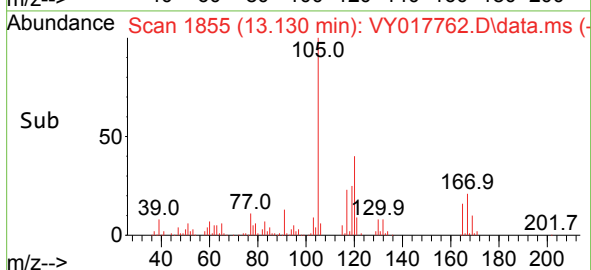
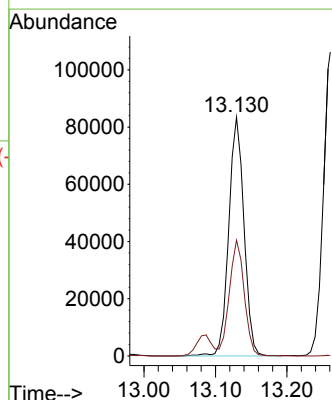
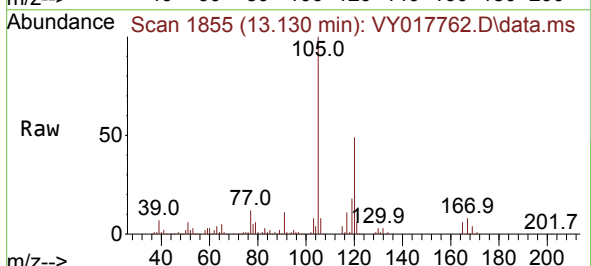
Acq: 26 Mar 2024 11:31

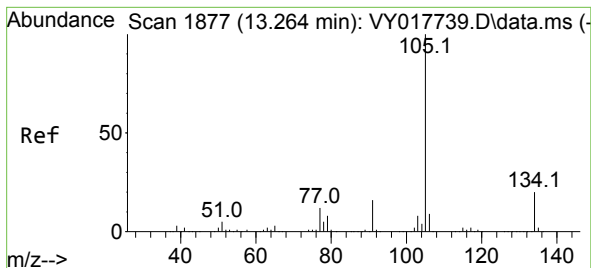
Tgt Ion:105 Resp: 123201

Ion Ratio Lower Upper

105 100

120 46.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 18.489 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY017762.D

Acq: 26 Mar 2024 11:31

Instrument :

MSVOA_Y

ClientSampleId :

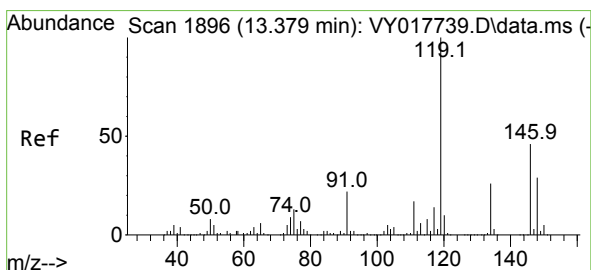
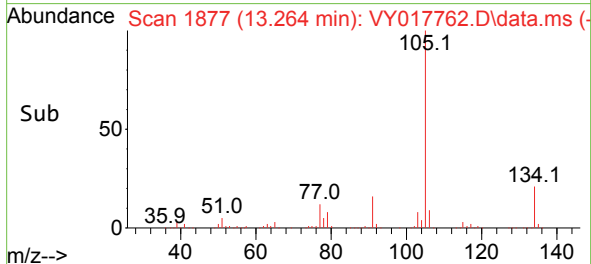
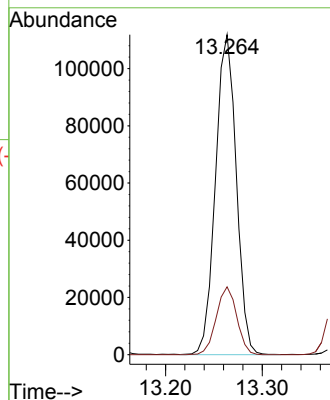
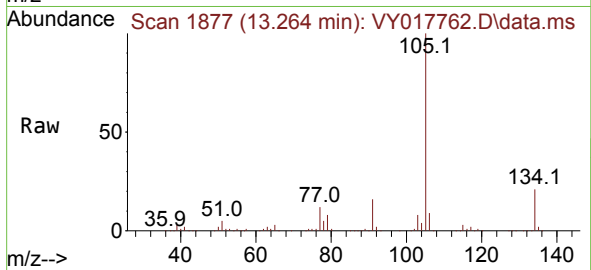
VY0326SBS01

Tgt Ion:105 Resp: 166881

Ion Ratio Lower Upper

105 100

134 20.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 18.569 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY017762.D

Acq: 26 Mar 2024 11:31

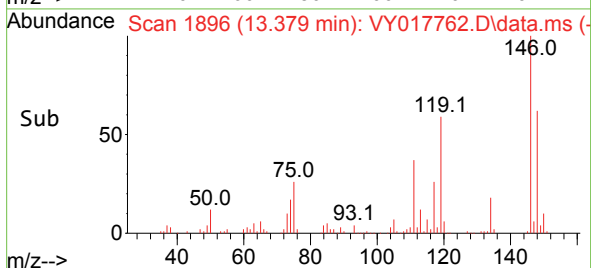
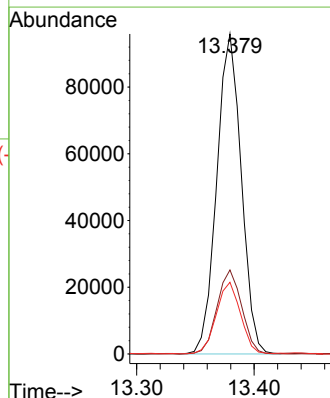
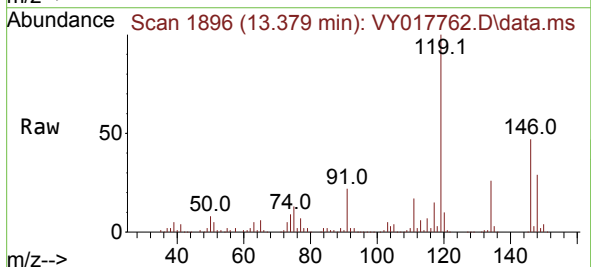
Tgt Ion:119 Resp: 139165

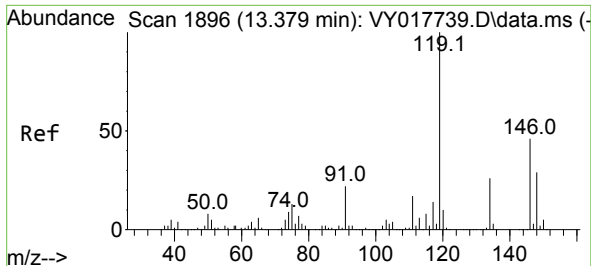
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 22.1 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 18.772 ug/l

RT: 13.373 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017762.D

Acq: 26 Mar 2024 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0326SBS01

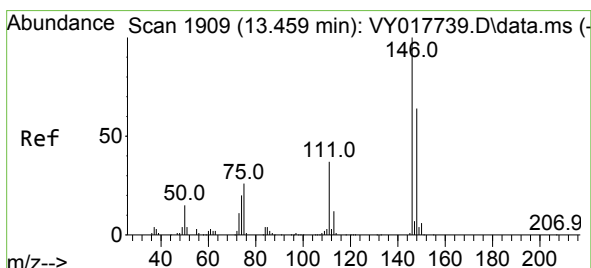
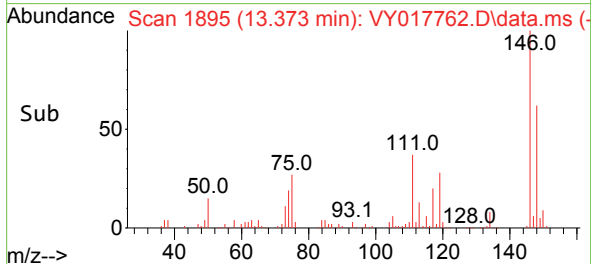
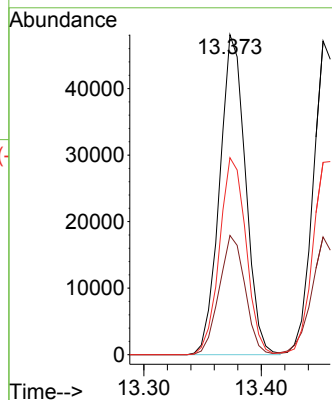
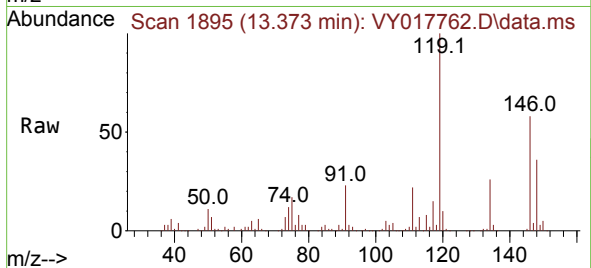
Tgt Ion:146 Resp: 73627

Ion Ratio Lower Upper

146 100

111 37.2 19.0 57.0

148 63.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.297 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VY017762.D

Acq: 26 Mar 2024 11:31

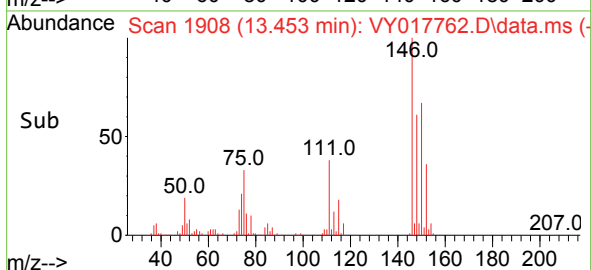
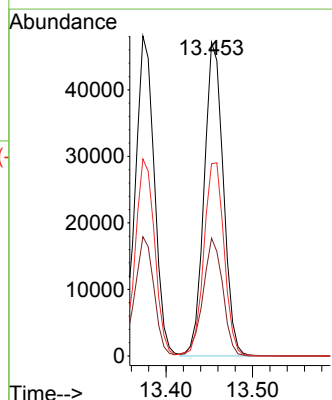
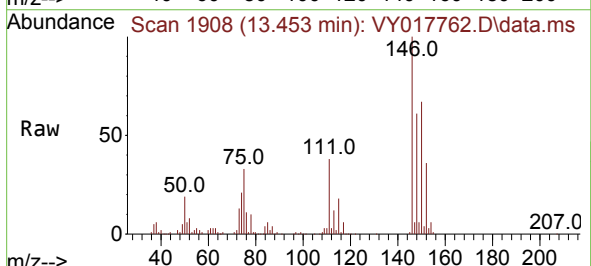
Tgt Ion:146 Resp: 72657

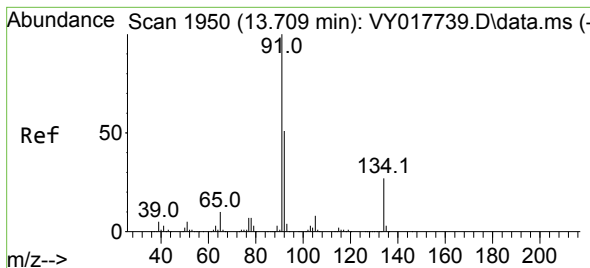
Ion Ratio Lower Upper

146 100

111 38.9 18.4 55.4

148 64.9 32.4 97.2





#89

n-Butylbenzene

Concen: 18.474 ug/l

RT: 13.703 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY017762.D

Acq: 26 Mar 2024 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0326SBS01

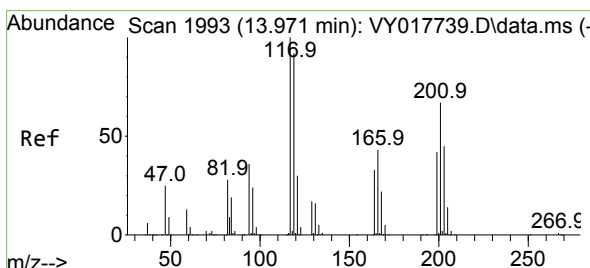
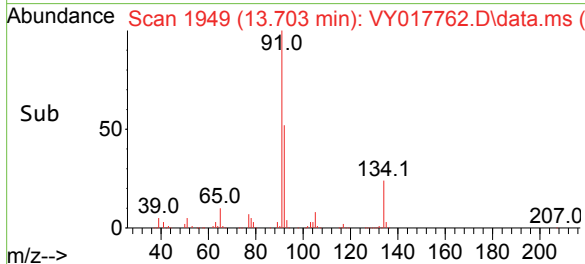
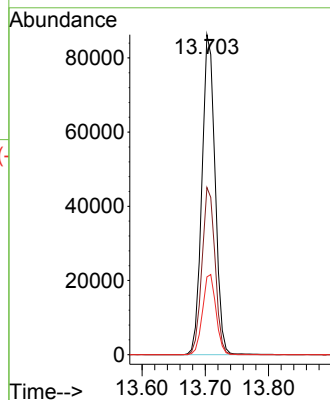
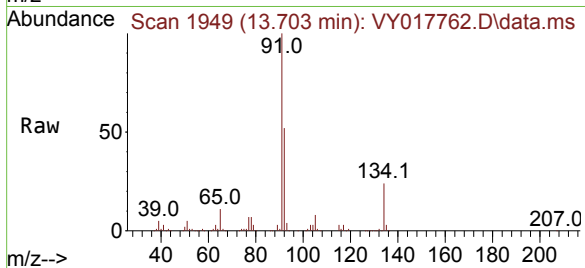
Tgt Ion: 91 Resp: 125258

Ion Ratio Lower Upper

91 100

92 52.1 26.6 79.7

134 25.6 12.9 38.7



#90

Hexachloroethane

Concen: 18.591 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY017762.D

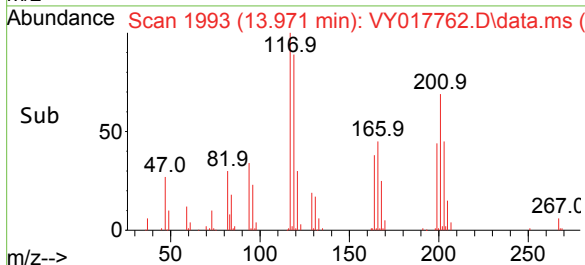
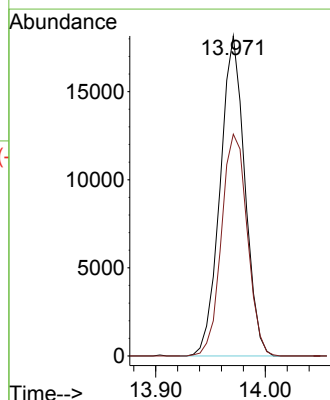
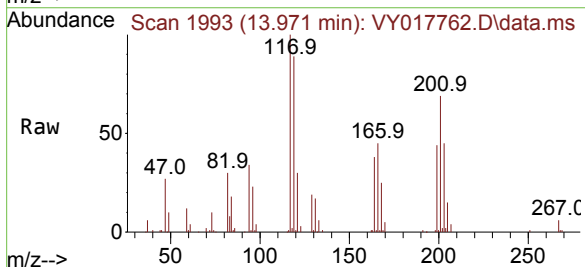
Acq: 26 Mar 2024 11:31

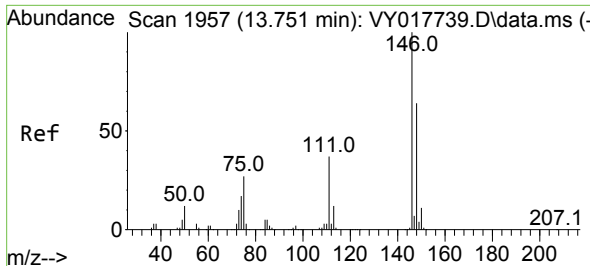
Tgt Ion: 117 Resp: 28412

Ion Ratio Lower Upper

117 100

201 72.4 37.4 112.2

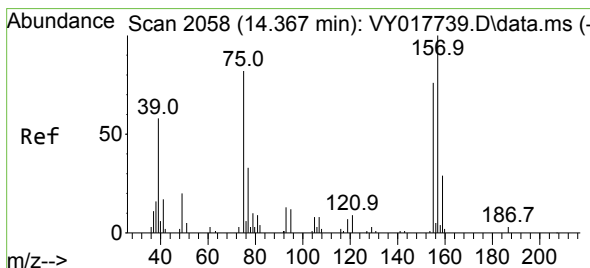
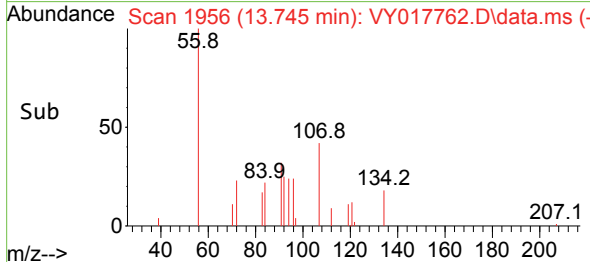
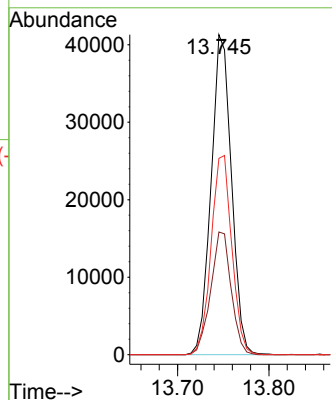
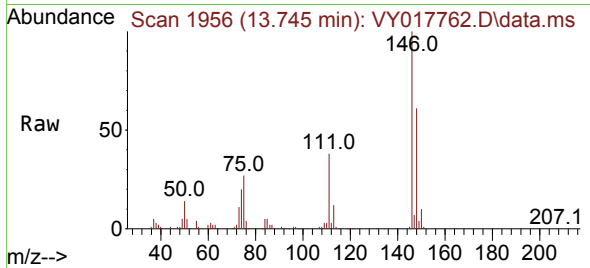




#91
1,2-Dichlorobenzene
Concen: 19.658 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

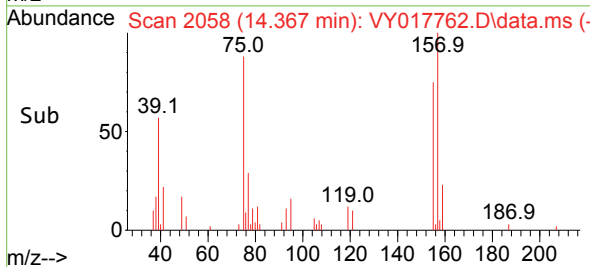
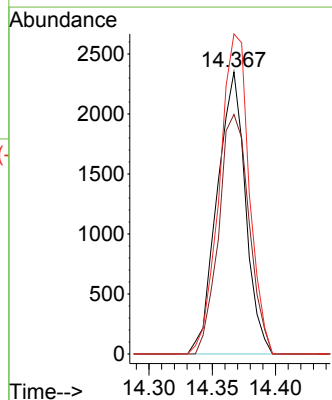
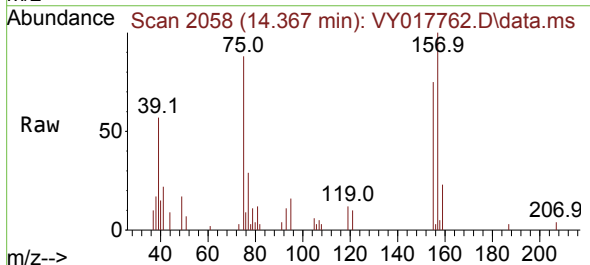
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBSD01

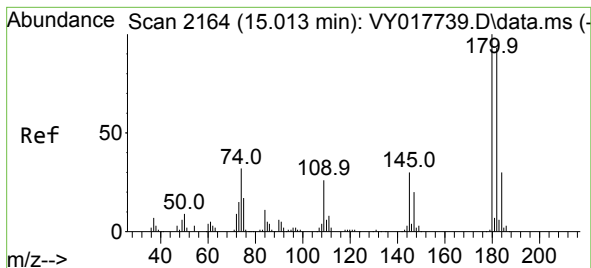
Tgt Ion:146 Resp: 63869
Ion Ratio Lower Upper
146 100
111 38.5 19.9 59.7
148 63.3 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.092 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VY017762.D
Acq: 26 Mar 2024 11:31

Tgt Ion: 75 Resp: 3653
Ion Ratio Lower Upper
75 100
155 90.8 48.6 145.8
157 119.3 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 20.410 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017762.D

Acq: 26 Mar 2024 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0326SBS01

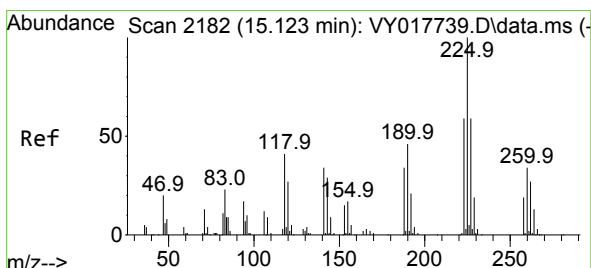
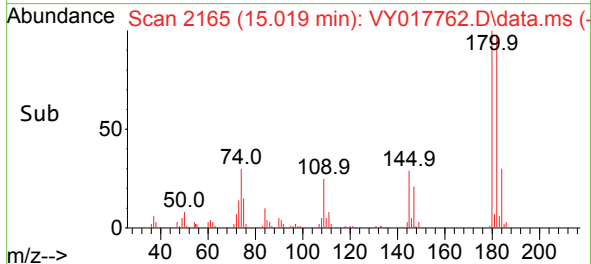
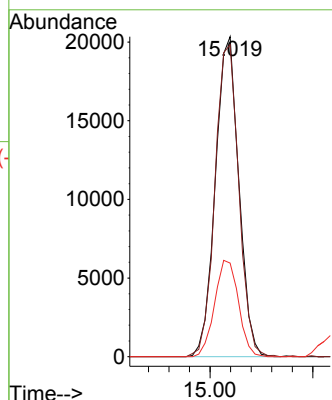
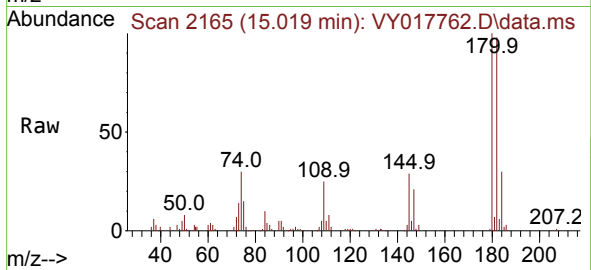
Tgt Ion:180 Resp: 32124

Ion Ratio Lower Upper

180 100

182 98.7 47.9 143.8

145 30.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.033 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY017762.D

Acq: 26 Mar 2024 11:31

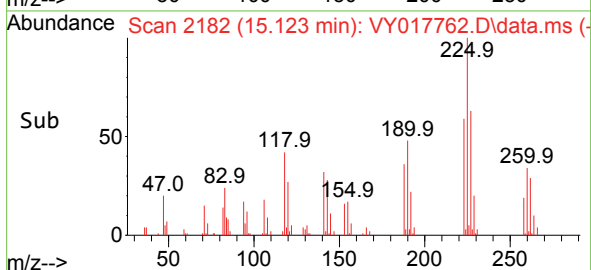
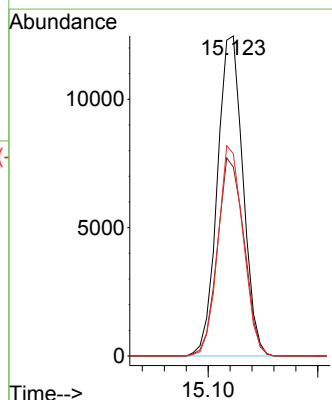
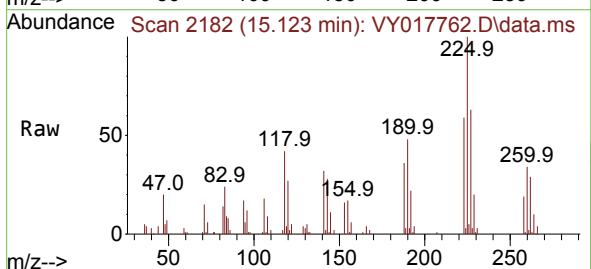
Tgt Ion:225 Resp: 20239

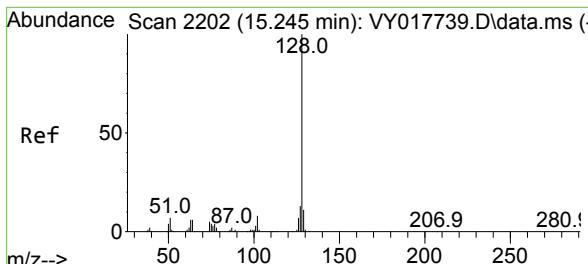
Ion Ratio Lower Upper

225 100

223 64.4 30.4 91.2

227 64.7 31.9 95.9

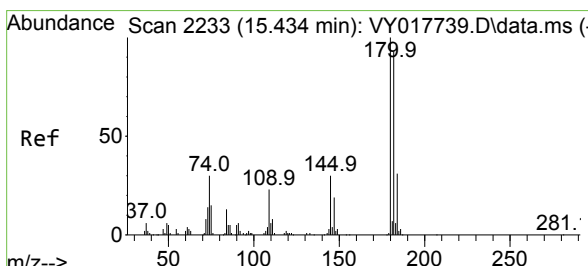
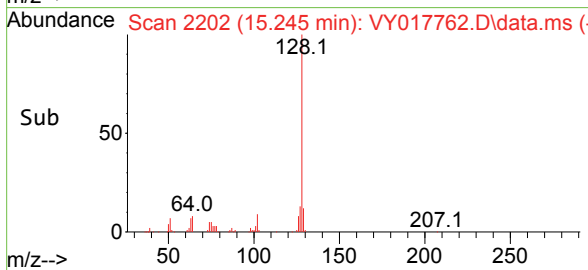
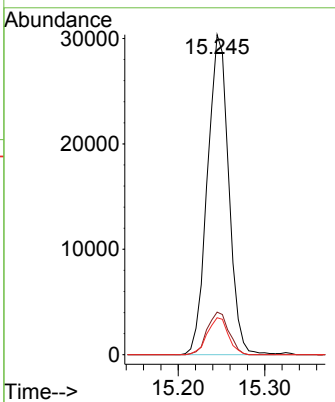
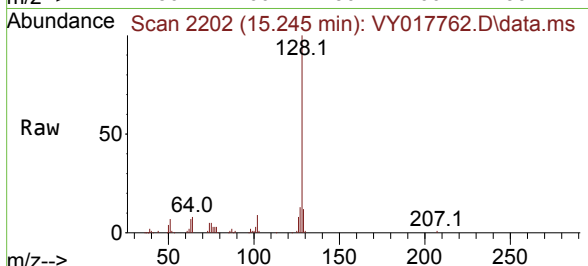




#95
 Naphthalene
 Concen: 19.472 ug/l
 RT: 15.245 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY017762.D
 Acq: 26 Mar 2024 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0326SBSD01

Tgt Ion:	128	Resp:	51782
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.6	16.0
129	11.4	8.6	13.0



#96
 1,2,3-Trichlorobenzene
 Concen: 21.790 ug/l
 RT: 15.434 min Scan# 2233
 Delta R.T. 0.000 min
 Lab File: VY017762.D
 Acq: 26 Mar 2024 11:31

Tgt Ion:	180	Resp:	28316
Ion Ratio	Lower	Upper	
180	100		
182	92.8	47.6	142.9
145	31.9	15.4	46.1

