

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040224\
 Data File : VY017814.D
 Acq On : 02 Apr 2024 09:56
 Operator : SY/MD
 Sample : VY0402SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0402SBS01

Quant Time: Apr 03 02:01:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	225875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	364023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	307414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	136729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	107454	54.976	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.960%	
35) Dibromofluoromethane	7.722	113	115155	54.745	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.480%	
50) Toluene-d8	10.185	98	423917	53.951	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.900%	
62) 4-Bromofluorobenzene	12.489	95	122668	51.312	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.620%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	28859	19.105	ug/l	96
3) Chloromethane	2.113	50	53154	18.029	ug/l	95
4) Vinyl Chloride	2.253	62	71295	18.504	ug/l	100
5) Bromomethane	2.649	94	61158	19.631	ug/l	99
6) Chloroethane	2.790	64	48929	19.463	ug/l	97
7) Trichlorofluoromethane	3.125	101	72331	19.250	ug/l	98
8) Diethyl Ether	3.527	74	21763	19.718	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.893	101	43843	19.457	ug/l	98
10) Methyl Iodide	4.094	142	45337	18.501	ug/l	99
11) Tert butyl alcohol	4.942	59	14930	85.206	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	39765	18.858	ug/l	99
13) Acrolein	3.729	56	16319	119.171	ug/l	98
14) Allyl chloride	4.478	41	51318	19.838	ug/l	98
15) Acrylonitrile	5.155	53	46006	98.746	ug/l	98
16) Acetone	3.942	43	38008	94.073	ug/l	88
17) Carbon Disulfide	4.192	76	98563	16.517	ug/l	99
18) Methyl Acetate	4.478	43	17854	19.951	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	95476	19.775	ug/l	99
20) Methylene Chloride	4.716	84	48540	17.901	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	44858	19.880	ug/l	99
22) Diisopropyl ether	6.124	45	124636	20.845	ug/l	98
23) Vinyl Acetate	6.063	43	357231	97.855	ug/l	98
24) 1,1-Dichloroethane	6.015	63	82444	20.775	ug/l	96
25) 2-Butanone	6.984	43	55135	95.793	ug/l	96
26) 2,2-Dichloropropane	6.984	77	68538	19.996	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	53866	20.199	ug/l	97
28) Bromochloromethane	7.338	49	31439	19.481	ug/l	95
29) Tetrahydrofuran	7.356	42	33223	96.199	ug/l	97
30) Chloroform	7.508	83	87142	21.164	ug/l	99
31) Cyclohexane	7.789	56	59829	17.376	ug/l	96
32) 1,1,1-Trichloroethane	7.703	97	69848	19.931	ug/l	96
36) 1,1-Dichloropropene	7.923	75	57759	18.819	ug/l	97
37) Ethyl Acetate	7.075	43	25424	19.196	ug/l	97
38) Carbon Tetrachloride	7.911	117	61790	19.393	ug/l	97
39) Methylcyclohexane	9.191	83	65387	17.056	ug/l	97
40) Benzene	8.167	78	185186	19.579	ug/l	99

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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	7.350	41	33285	44.832	ug/l #	27
42) 1,2-Dichloroethane	8.240	62	46752	20.082	ug/l	99
43) Isopropyl Acetate	8.277	43	45825	19.065	ug/l	99
44) Trichloroethene	8.947	130	47692	19.380	ug/l	97
45) 1,2-Dichloropropane	9.221	63	43649	19.860	ug/l	99
46) Dibromomethane	9.313	93	24303	19.463	ug/l	100
47) Bromodichloromethane	9.502	83	64593	20.472	ug/l	99
48) Methyl methacrylate	9.301	41	19057	20.625	ug/l	94
49) 1,4-Dioxane	9.307	88	5297	377.877	ug/l #	94
51) 4-Methyl-2-Pentanone	10.075	43	121258	110.069	ug/l	97
52) Toluene	10.252	92	110227	19.213	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	53456	19.081	ug/l	95
54) cis-1,3-Dichloropropene	9.935	75	66607	19.481	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	33028	19.851	ug/l	93
56) Ethyl methacrylate	10.514	69	38776	21.133	ug/l	96
57) 1,3-Dichloropropane	10.794	76	54719	19.445	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	95555	100.023	ug/l	98
59) 2-Hexanone	10.837	43	79896	104.632	ug/l	97
60) Dibromochloromethane	10.989	129	40880	19.480	ug/l	98
61) 1,2-Dibromoethane	11.093	107	28928	19.067	ug/l	98
64) Tetrachloroethene	10.727	164	52254	19.488	ug/l	97
65) Chlorobenzene	11.526	112	126716	20.094	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	41478	19.371	ug/l	99
67) Ethyl Benzene	11.599	91	206064	19.009	ug/l	99
68) m/p-Xylenes	11.709	106	154724	37.635	ug/l	96
69) o-Xylene	12.038	106	71395	22.387	ug/l	99
70) Styrene	12.050	104	123186	22.660	ug/l	100
71) Bromoform	12.215	173	22565	19.012	ug/l #	97
73) Isopropylbenzene	12.337	105	186110	19.423	ug/l	100
74) N-amyl acetate	12.148	43	35638	21.797	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.587	83	32710	19.734	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	42479	34.094	ug/l #	100
77) Bromobenzene	12.617	156	44492	19.496	ug/l	97
78) n-propylbenzene	12.678	91	227852	19.488	ug/l	99
79) 2-Chlorotoluene	12.764	91	127705	19.940	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	145913	19.512	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	10869	22.248	ug/l	94
82) 4-Chlorotoluene	12.861	91	131161	19.779	ug/l	99
83) tert-Butylbenzene	13.081	119	128500	18.901	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	146548	19.677	ug/l	99
85) sec-Butylbenzene	13.257	105	198414	19.444	ug/l	100
86) p-Isopropyltoluene	13.373	119	160126	18.773	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	85751	18.937	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	84900	19.588	ug/l	99
89) n-Butylbenzene	13.702	91	149098	19.000	ug/l	98
90) Hexachloroethane	13.964	117	33407	19.697	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	73386	19.551	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4109	18.345	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	37927	18.448	ug/l	97
94) Hexachlorobutadiene	15.117	225	23545	18.892	ug/l	99
95) Naphthalene	15.245	128	56846	19.658	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	31440	18.104	ug/l	99

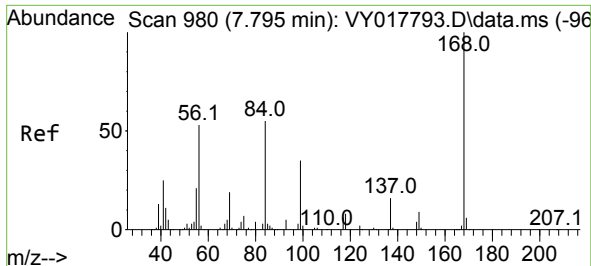
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Response via : Initial Calibration

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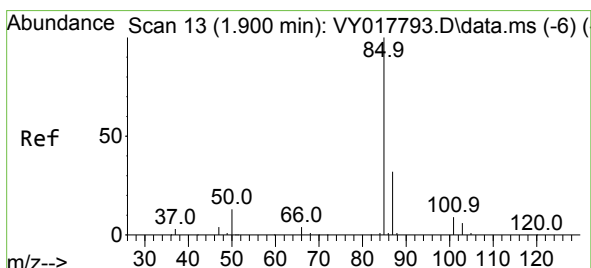
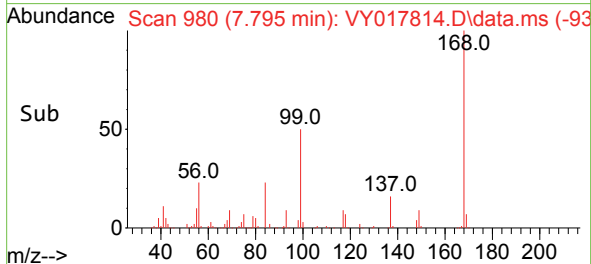
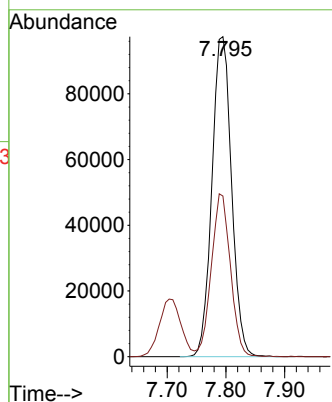
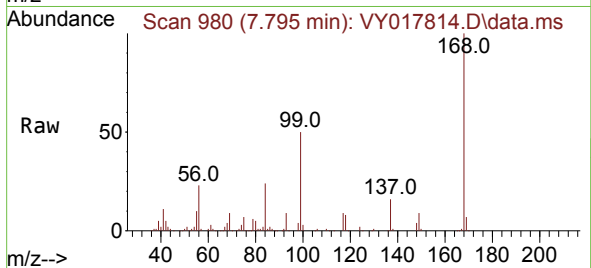
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

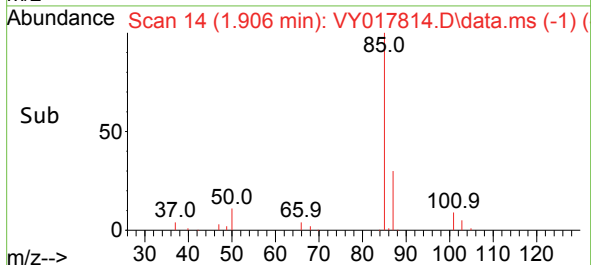
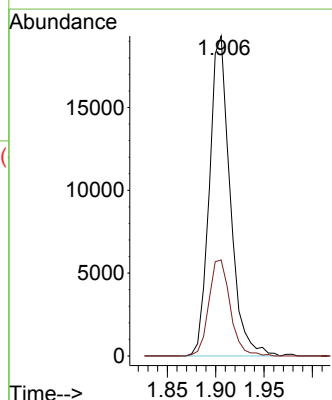
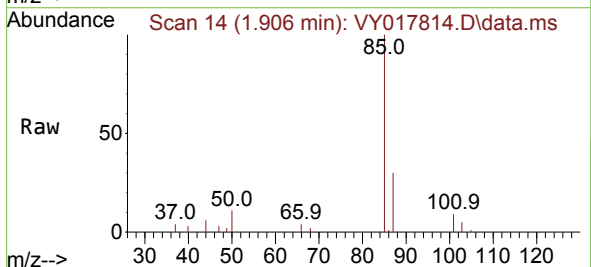
Instrument :
MSVOA_Y
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VY0402SBS01

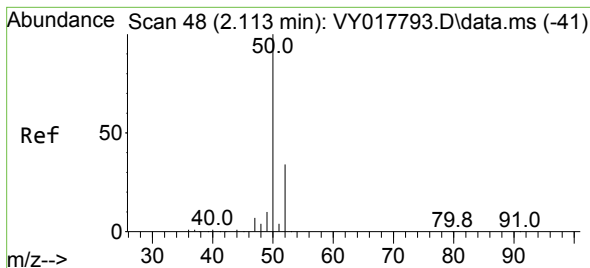
Tgt Ion:168 Resp: 225875
Ion Ratio Lower Upper
168 100
99 50.2 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 19.105 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

Tgt Ion: 85 Resp: 28859
Ion Ratio Lower Upper
85 100
87 30.0 16.0 48.0





#3

Chloromethane

Concen: 18.029 ug/l

RT: 2.113 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY017814.D

Acq: 02 Apr 2024 09:56

Instrument :

MSVOA_Y

ClientSampleId :

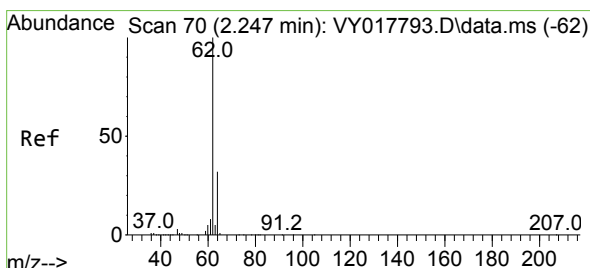
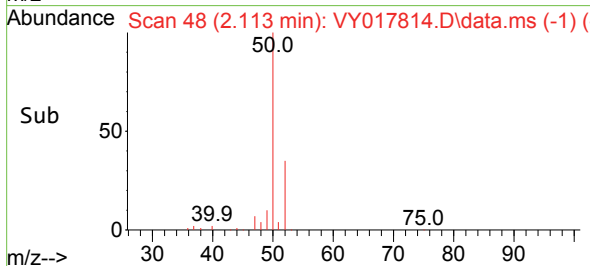
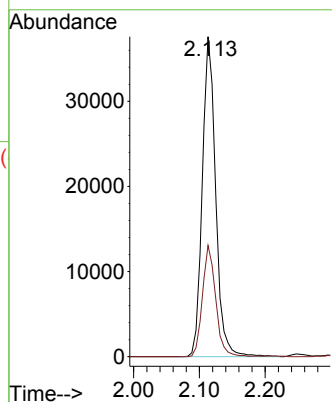
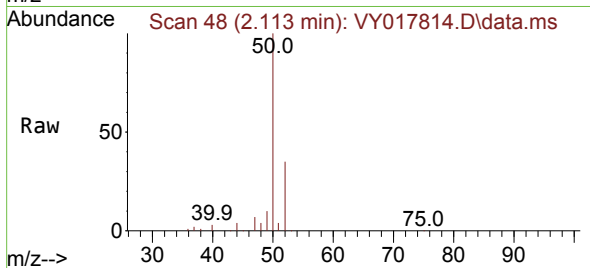
VY0402SBS01

Tgt Ion: 50 Resp: 53154

Ion Ratio Lower Upper

50 100

52 34.7 25.6 38.4



#4

Vinyl Chloride

Concen: 18.504 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.006 min

Lab File: VY017814.D

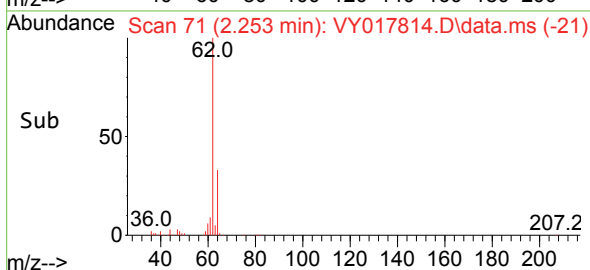
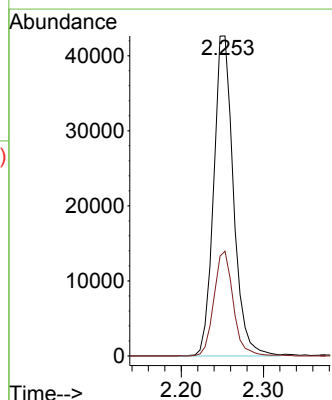
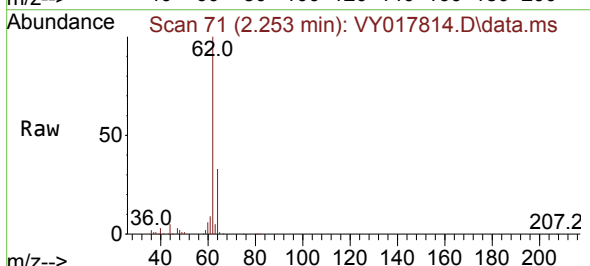
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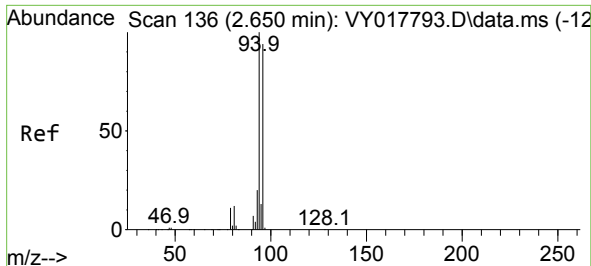
Tgt Ion: 62 Resp: 71295

Ion Ratio Lower Upper

62 100

64 32.6 26.1 39.1

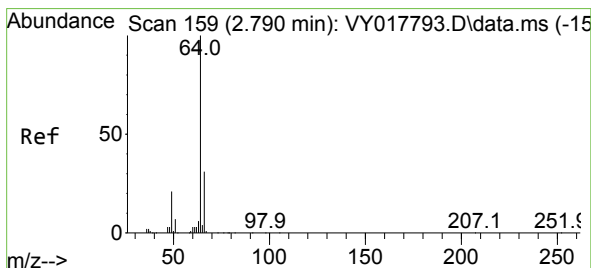
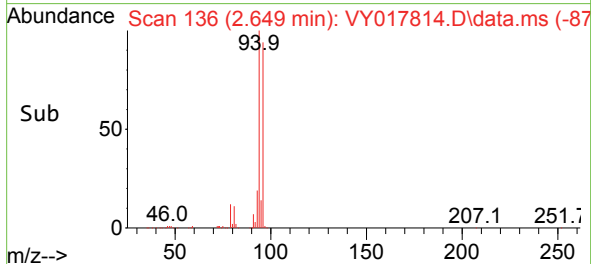
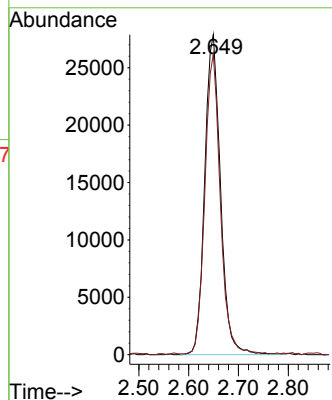
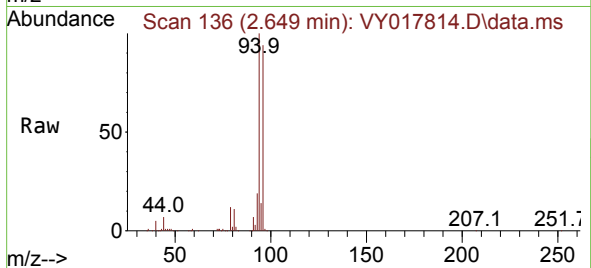




#5
Bromomethane
Concen: 19.631 ug/l
RT: 2.649 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

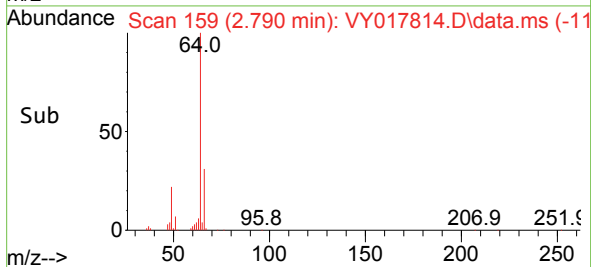
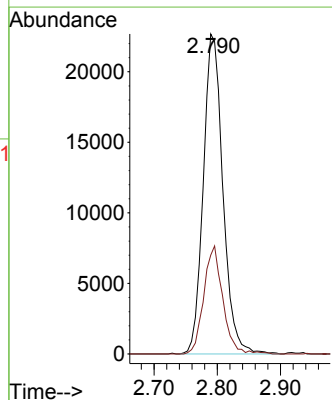
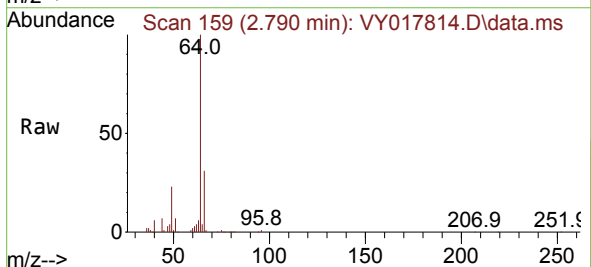
Instrument :
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ClientSampleId :
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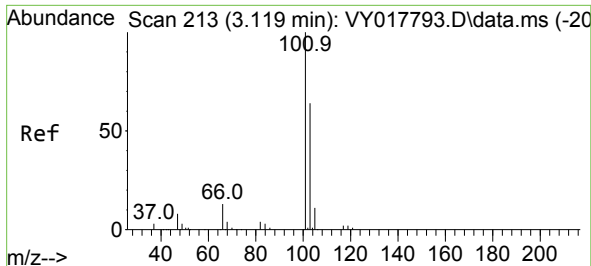
Tgt Ion: 94 Resp: 61158
Ion Ratio Lower Upper
94 100
96 93.7 74.1 111.1



#6
Chloroethane
Concen: 19.463 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

Tgt Ion: 64 Resp: 48929
Ion Ratio Lower Upper
64 100
66 30.9 26.1 39.1

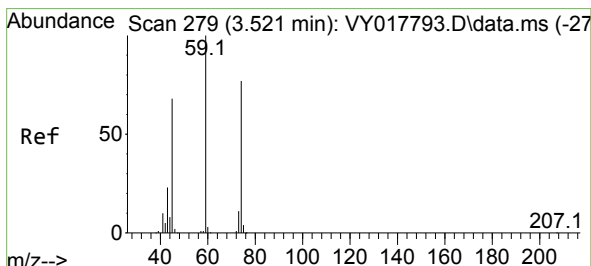
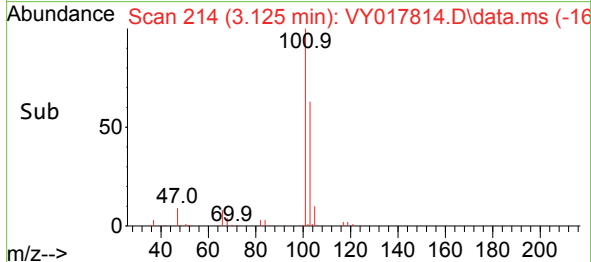
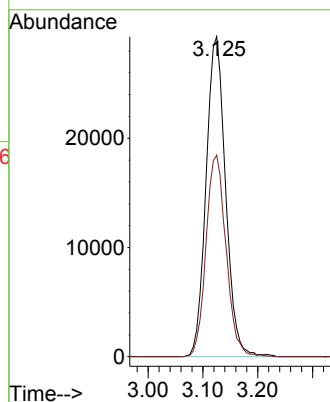
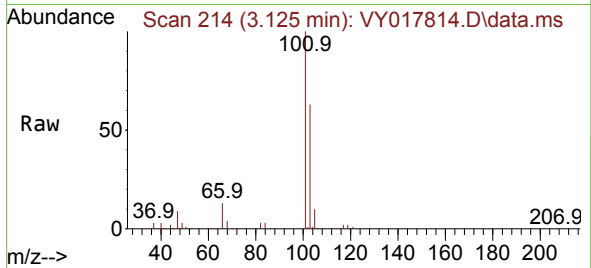




#7
Trichlorofluoromethane
Concen: 19.250 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

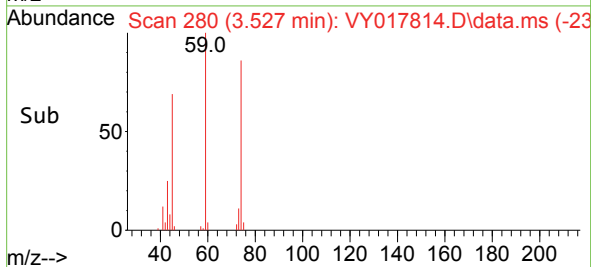
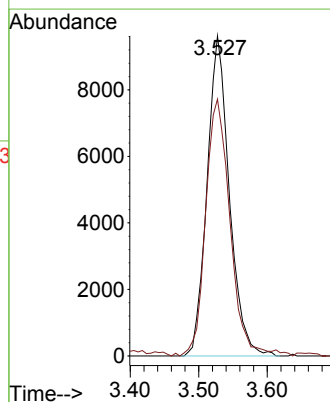
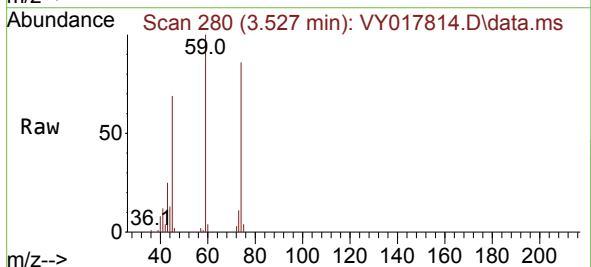
Instrument :
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VY0402SBS01

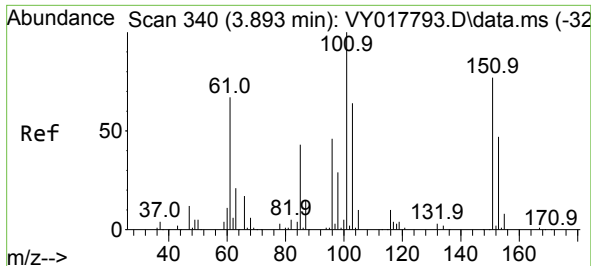
Tgt Ion:101 Resp: 72331
Ion Ratio Lower Upper
101 100
103 63.0 49.3 73.9



#8
Diethyl Ether
Concen: 19.718 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.006 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

Tgt Ion: 74 Resp: 21763
Ion Ratio Lower Upper
74 100
45 88.0 41.3 124.1

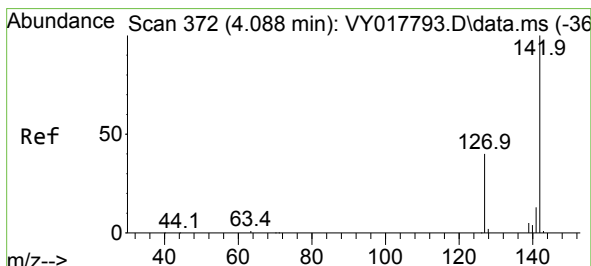
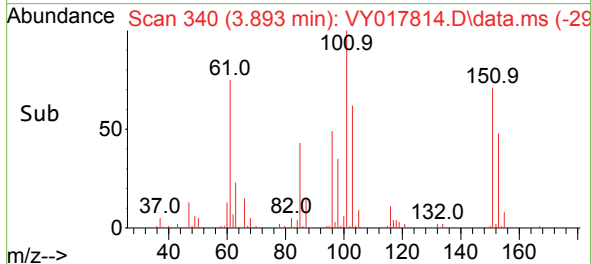
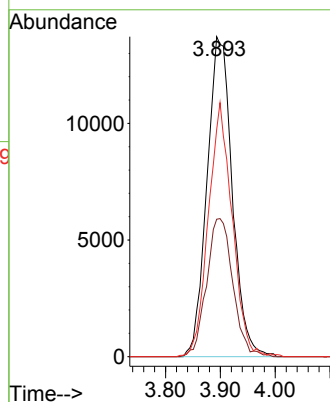
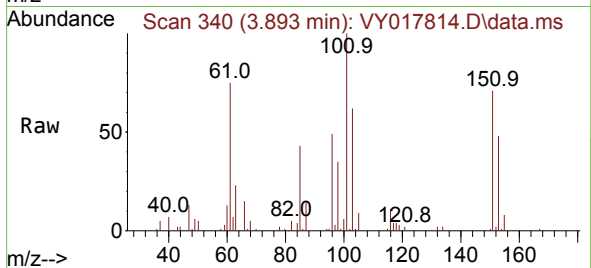




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.457 ug/l
RT: 3.893 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

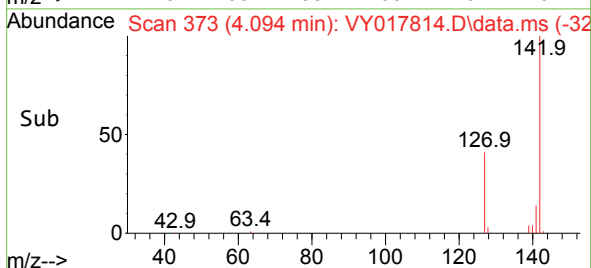
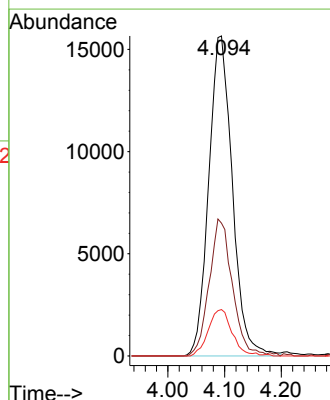
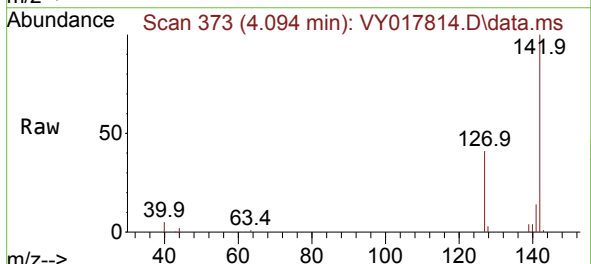
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

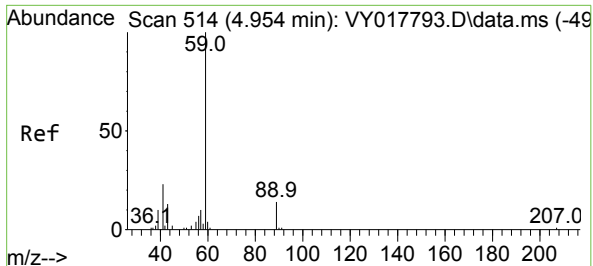
Tgt Ion:101 Resp: 43843
Ion Ratio Lower Upper
101 100
85 44.9 34.5 51.7
151 75.1 61.7 92.5



#10
Methyl Iodide
Concen: 18.501 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

Tgt Ion:142 Resp: 45337
Ion Ratio Lower Upper
142 100
127 41.7 32.8 49.2
141 14.7 11.4 17.2





#11

Tert butyl alcohol

Concen: 85.206 ug/l

RT: 4.942 min Scan# 514

Delta R.T. -0.012 min

Lab File: VY017814.D

Acq: 02 Apr 2024 09:56

Instrument :

MSVOA_Y

ClientSampleId :

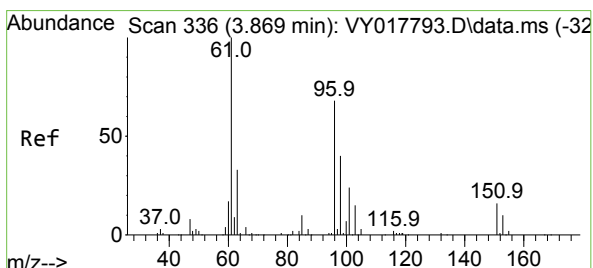
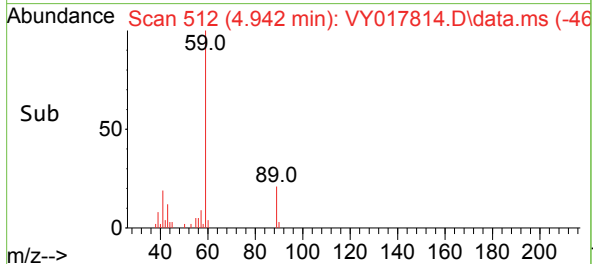
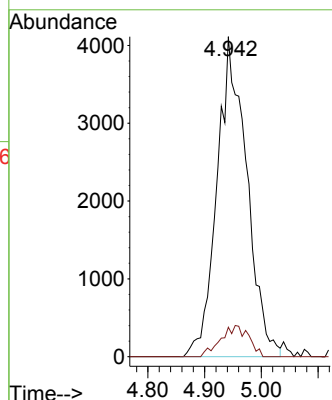
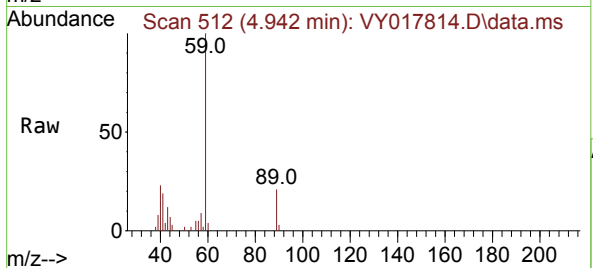
VY0402SBS01

Tgt Ion: 59 Resp: 14930

Ion Ratio Lower Upper

59 100

57 9.2 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 18.858 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.000 min

Lab File: VY017814.D

Acq: 02 Apr 2024 09:56

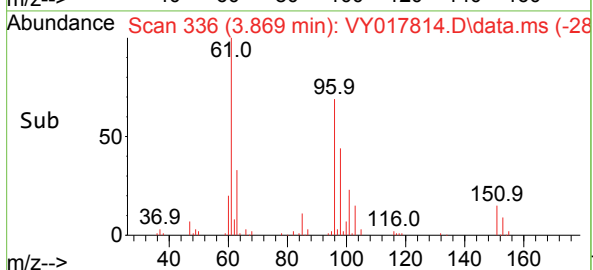
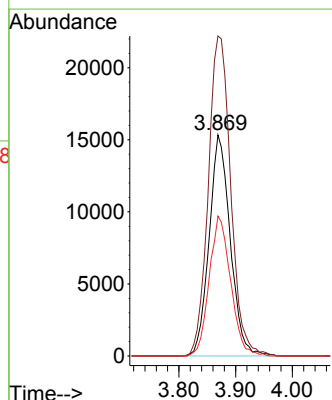
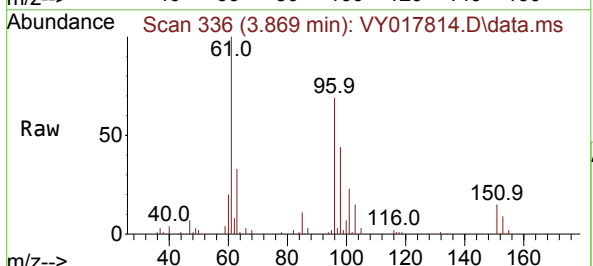
Tgt Ion: 96 Resp: 39765

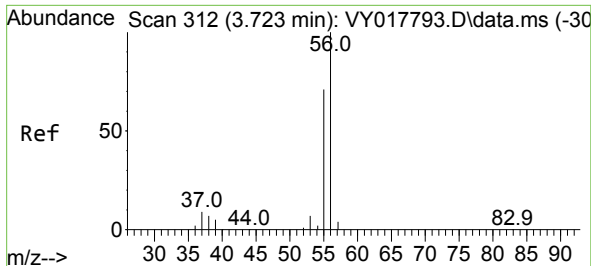
Ion Ratio Lower Upper

96 100

61 144.8 114.6 171.8

98 63.3 50.8 76.2





#13

Acrolein

Concen: 119.171 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY017814.D

Acq: 02 Apr 2024 09:56

Instrument :

MSVOA_Y

ClientSampleId :

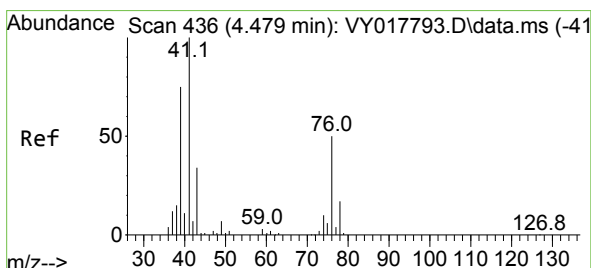
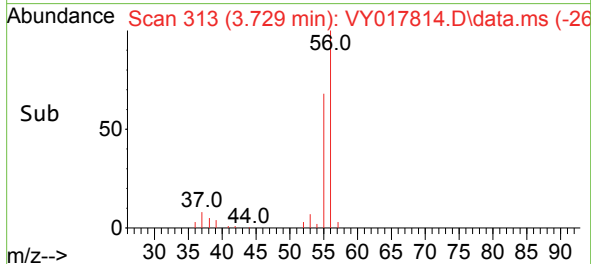
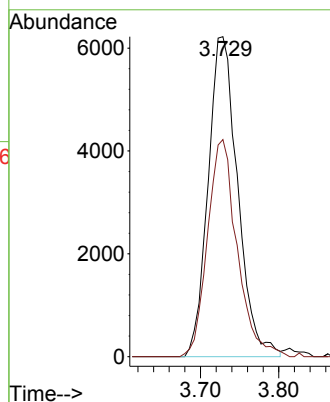
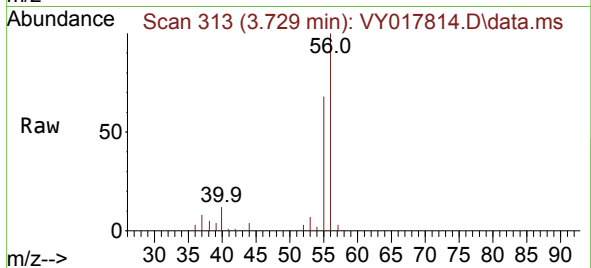
VY0402SBS01

Tgt Ion: 56 Resp: 16319

Ion Ratio Lower Upper

56 100

55 67.9 55.7 83.5



#14

Allyl chloride

Concen: 19.838 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY017814.D

Acq: 02 Apr 2024 09:56

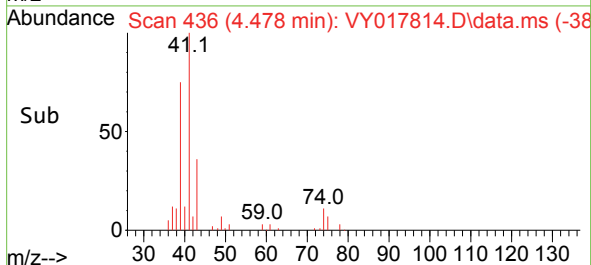
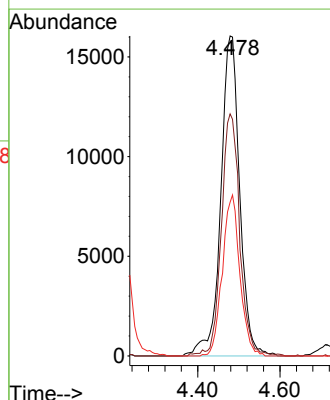
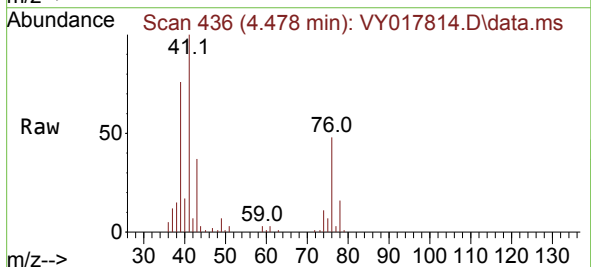
Tgt Ion: 41 Resp: 51318

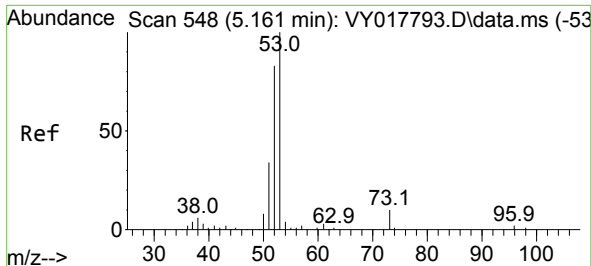
Ion Ratio Lower Upper

41 100

39 73.6 58.3 87.5

76 46.6 39.0 58.6

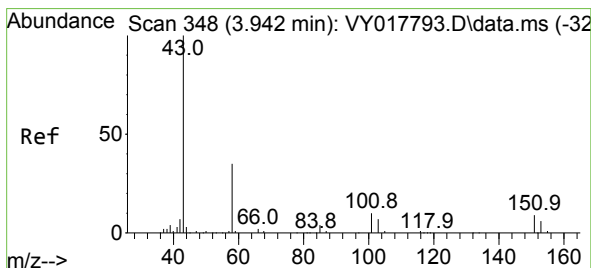
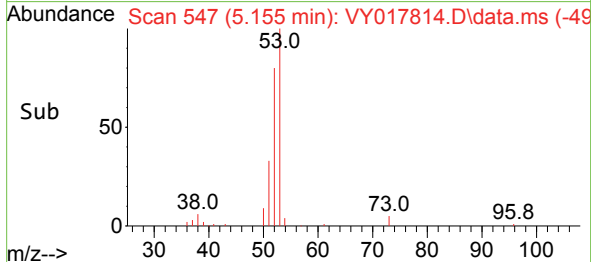
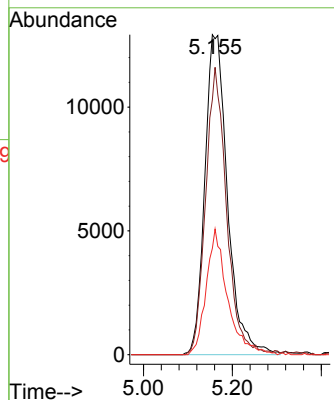
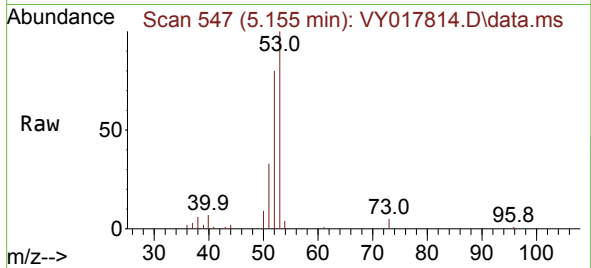




#15
Acrylonitrile
Concen: 98.746 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

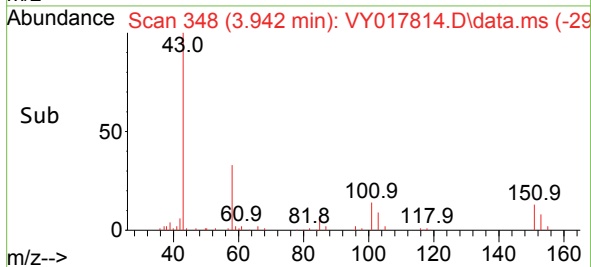
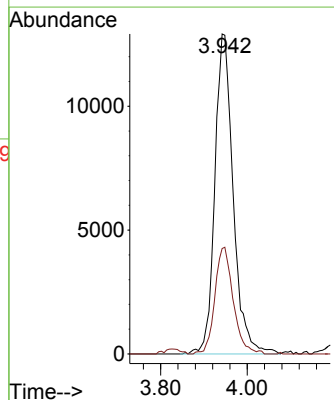
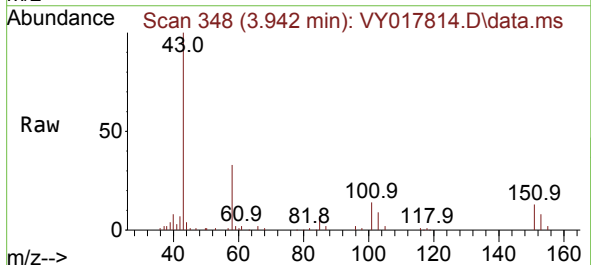
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

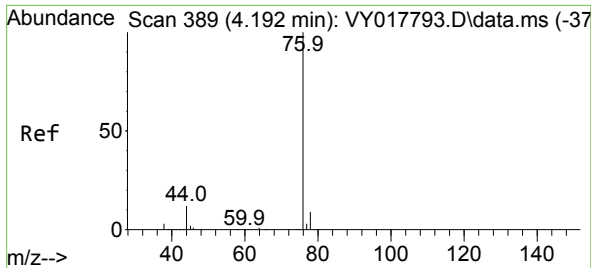
Tgt Ion: 53 Resp: 46006
Ion Ratio Lower Upper
53 100
52 82.6 64.7 97.1
51 36.6 28.4 42.6



#16
Acetone
Concen: 94.073 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

Tgt Ion: 43 Resp: 38008
Ion Ratio Lower Upper
43 100
58 32.5 31.7 47.5

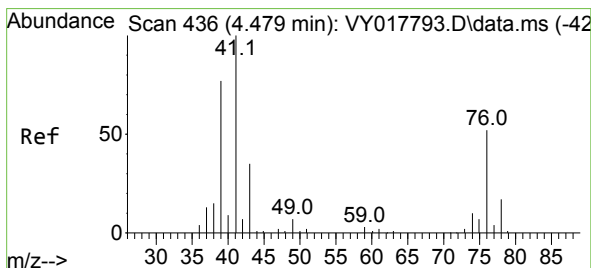
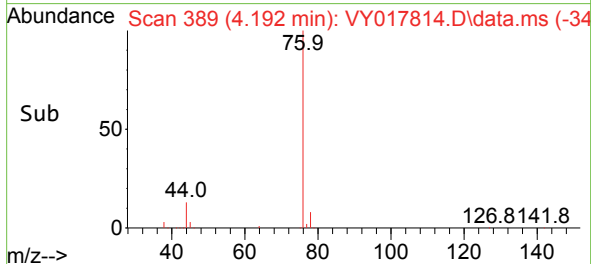
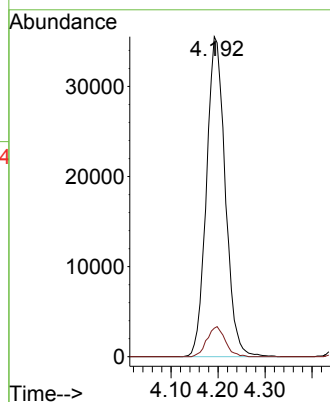
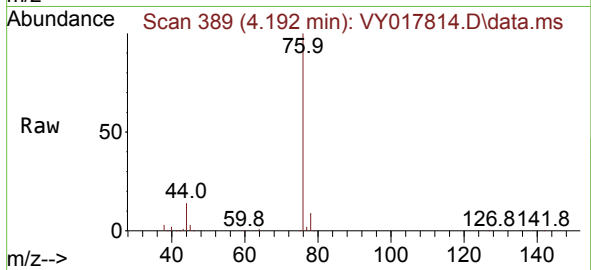




#17
Carbon Disulfide
Concen: 16.517 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

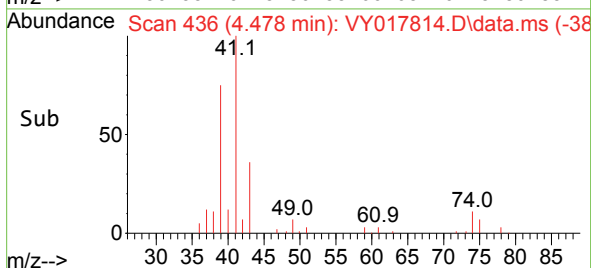
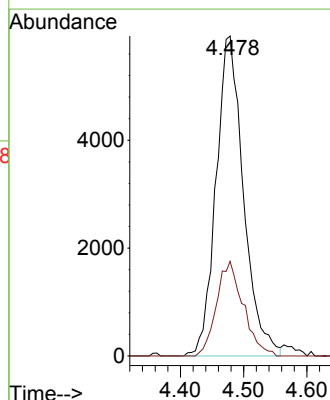
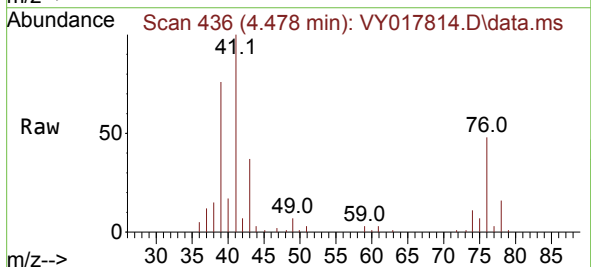
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

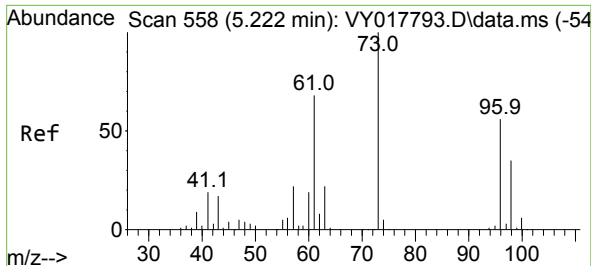
Tgt Ion: 76 Resp: 98563
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 19.951 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

Tgt Ion: 43 Resp: 17854
Ion Ratio Lower Upper
43 100
74 28.8 23.3 34.9

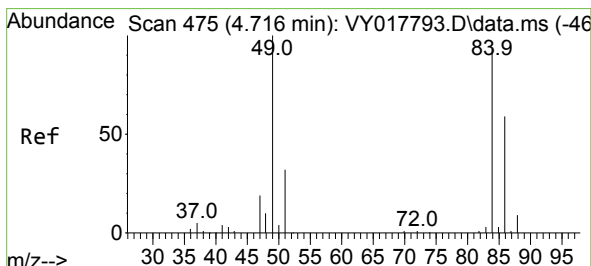
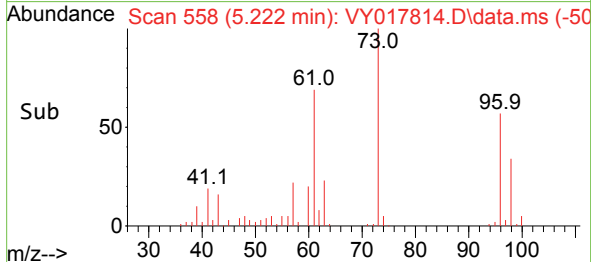
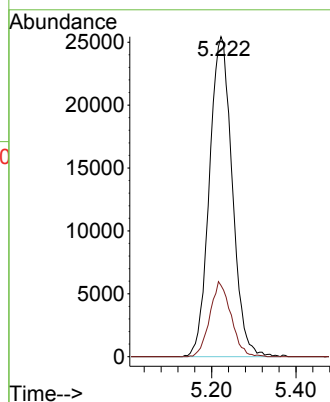
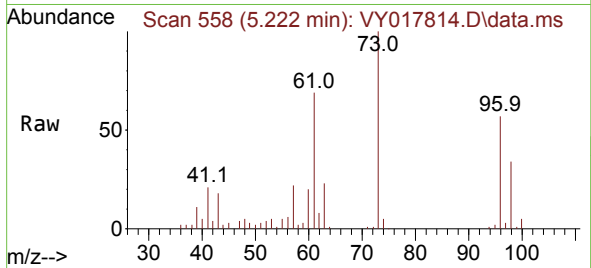




#19
Methyl tert-butyl Ether
Concen: 19.775 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

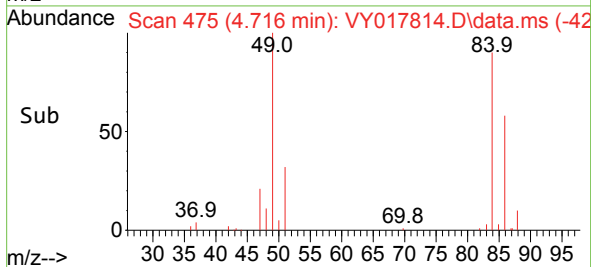
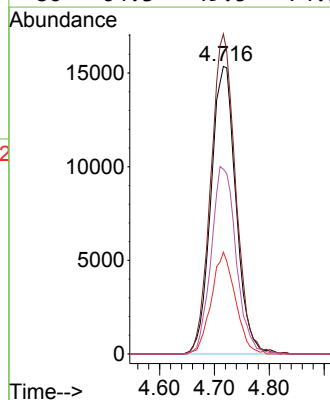
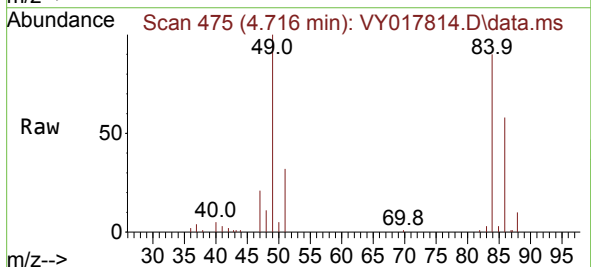
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

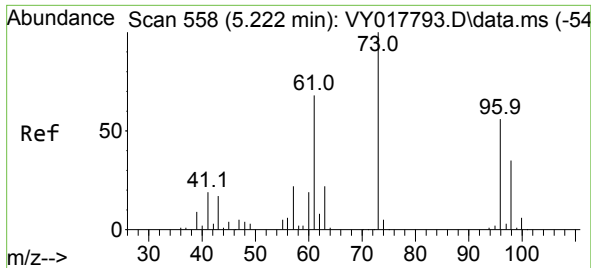
Tgt Ion: 73 Resp: 95476
Ion Ratio Lower Upper
73 100
57 22.3 17.3 25.9



#20
Methylene Chloride
Concen: 17.901 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

Tgt Ion: 84 Resp: 48540
Ion Ratio Lower Upper
84 100
49 111.3 84.4 126.6
51 35.4 26.0 39.0
86 64.3 49.5 74.3

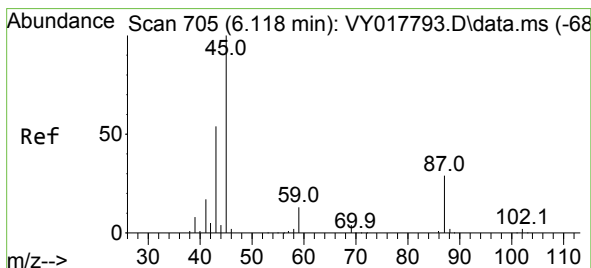
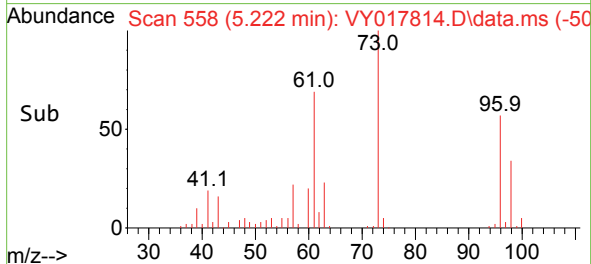
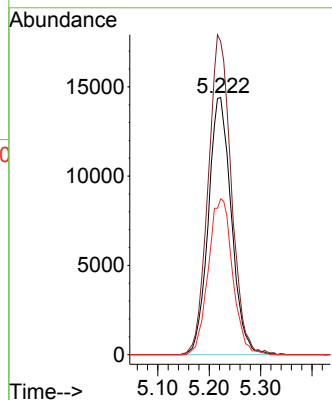
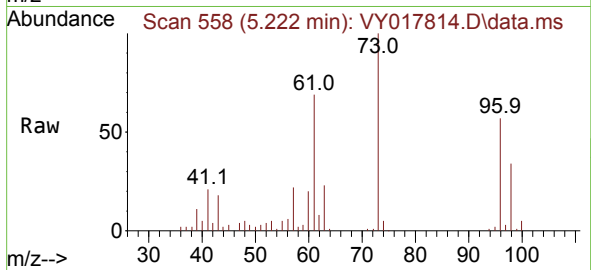




#21
trans-1,2-Dichloroethene
Concen: 19.880 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

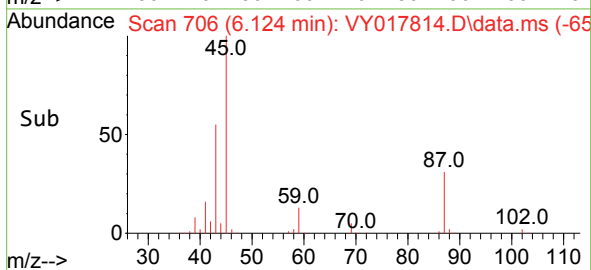
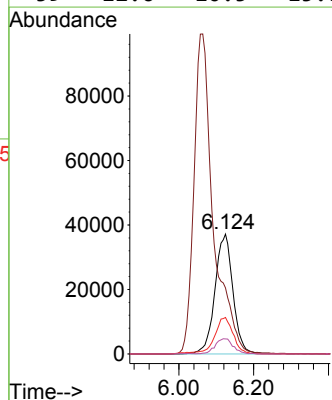
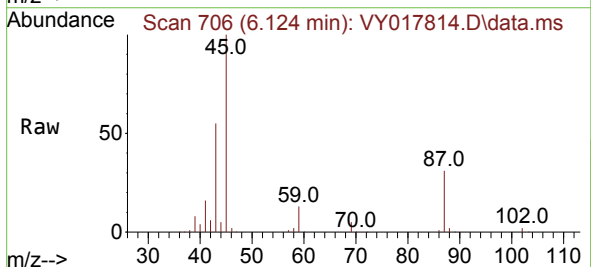
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

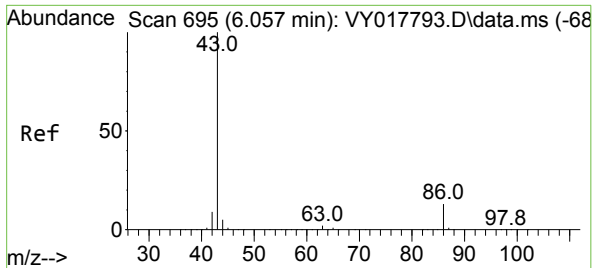
Tgt Ion: 96 Resp: 44858
Ion Ratio Lower Upper
96 100
61 121.7 97.5 146.3
98 60.6 50.5 75.7



#22
Diisopropyl ether
Concen: 20.845 ug/l
RT: 6.124 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

Tgt Ion: 45 Resp: 124636
Ion Ratio Lower Upper
45 100
43 54.6 42.2 63.2
87 30.5 25.0 37.6
59 12.6 10.5 15.7

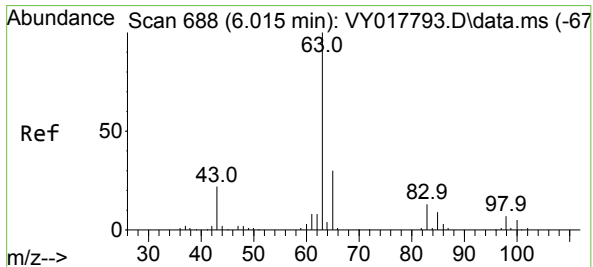
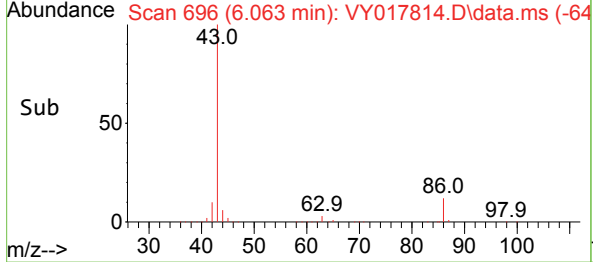
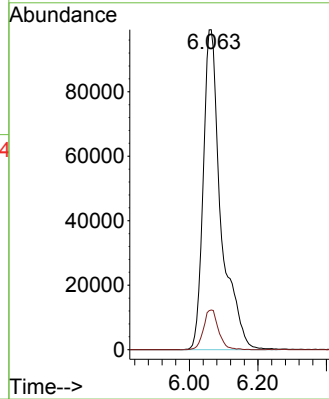
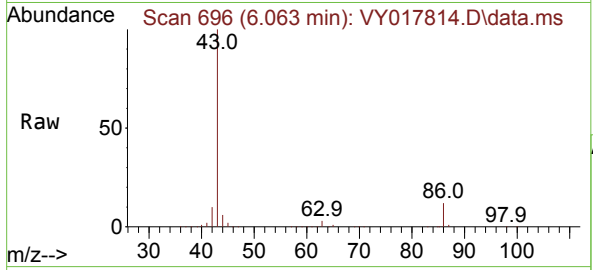




#23
 Vinyl Acetate
 Concen: 97.855 ug/l
 RT: 6.063 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY017814.D
 Acq: 02 Apr 2024 09:56

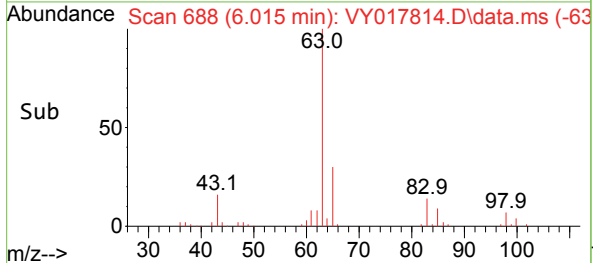
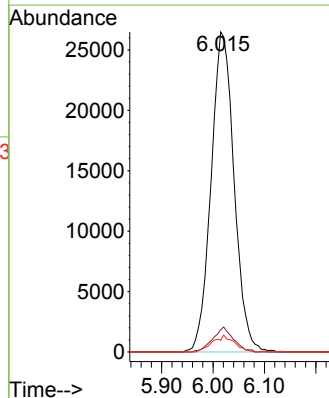
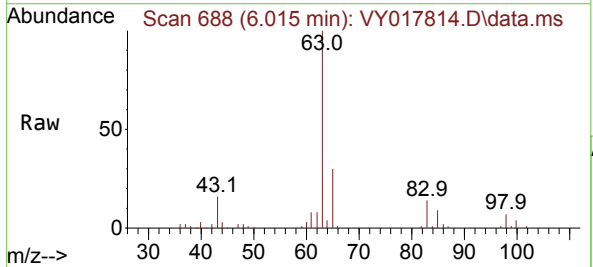
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0402SBS01

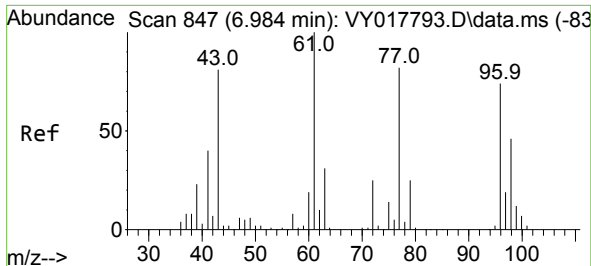
Tgt Ion: 43 Resp: 357231
 Ion Ratio Lower Upper
 43 100
 86 12.4 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 20.775 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY017814.D
 Acq: 02 Apr 2024 09:56

Tgt Ion: 63 Resp: 82444
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.0 12.2
 100 3.7 2.6 8.0





#25

2-Butanone

Concen: 95.793 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY017814.D

Acq: 02 Apr 2024 09:56

Instrument :

MSVOA_Y

ClientSampleId :

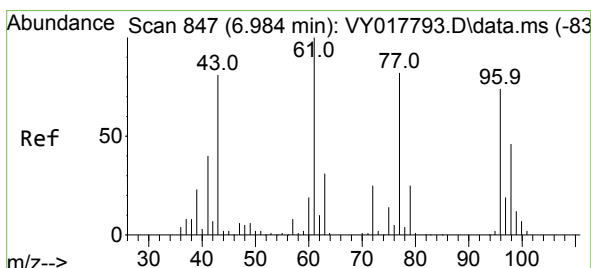
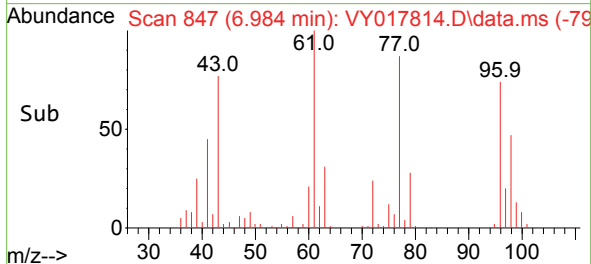
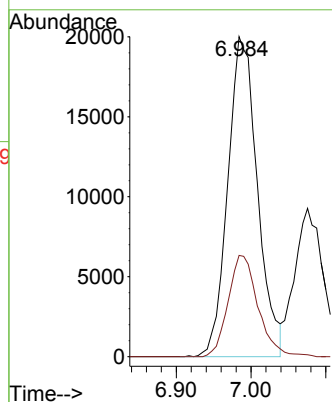
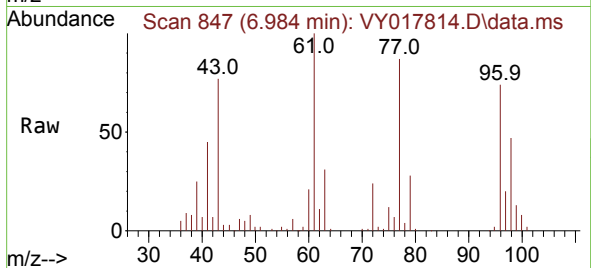
VY0402SBS01

Tgt Ion: 43 Resp: 55135

Ion Ratio Lower Upper

43 100

72 31.7 27.3 40.9



#26

2,2-Dichloropropane

Concen: 19.996 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY017814.D

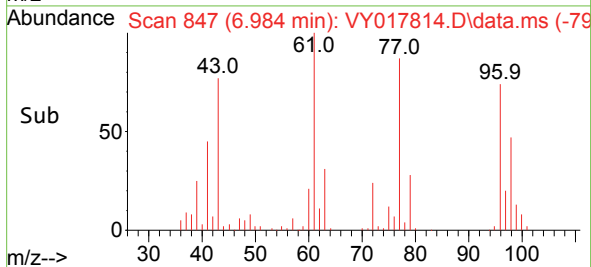
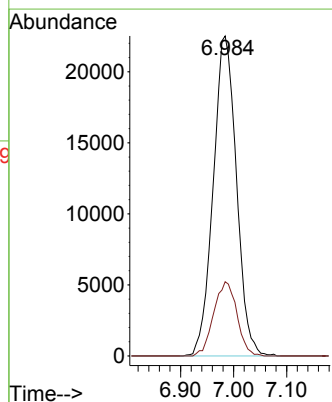
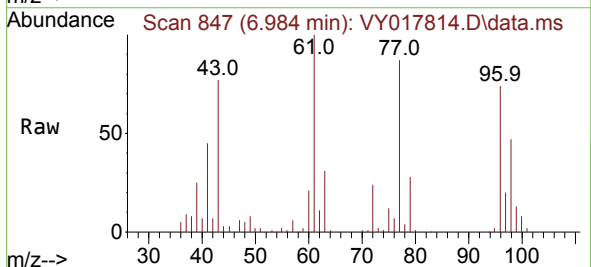
Acq: 02 Apr 2024 09:56

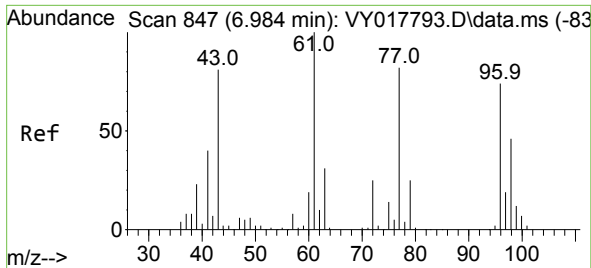
Tgt Ion: 77 Resp: 68538

Ion Ratio Lower Upper

77 100

97 23.2 12.0 36.1

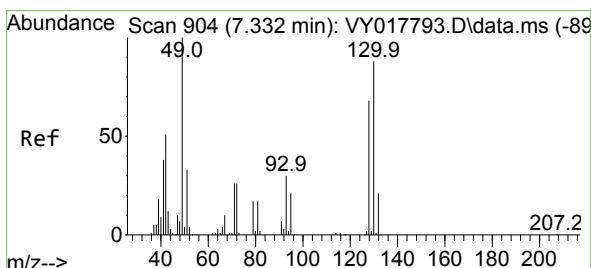
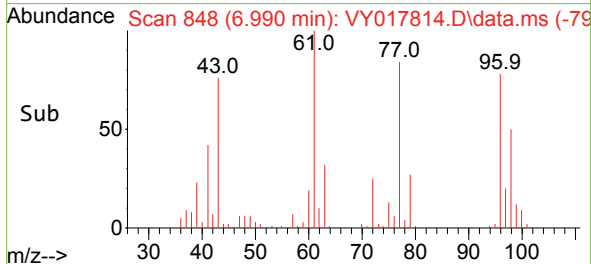
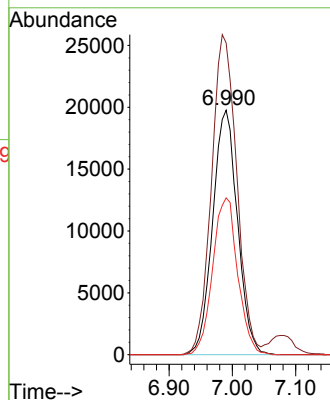
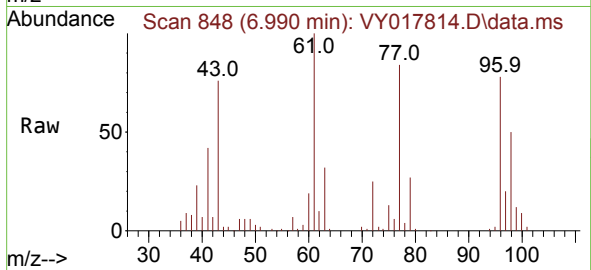




#27
 cis-1,2-Dichloroethene
 Concen: 20.199 ug/l
 RT: 6.990 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY017814.D
 Acq: 02 Apr 2024 09:56

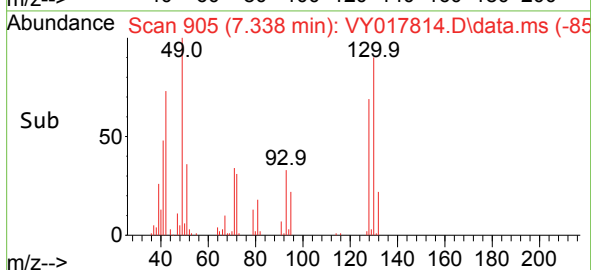
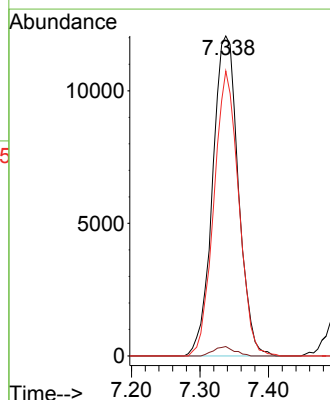
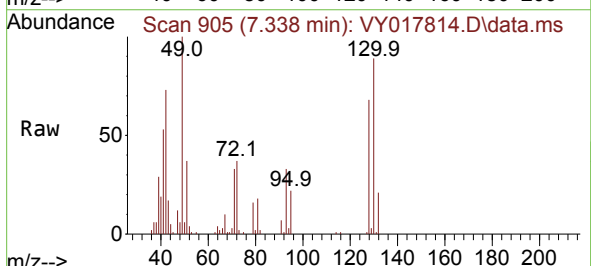
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0402SBS01

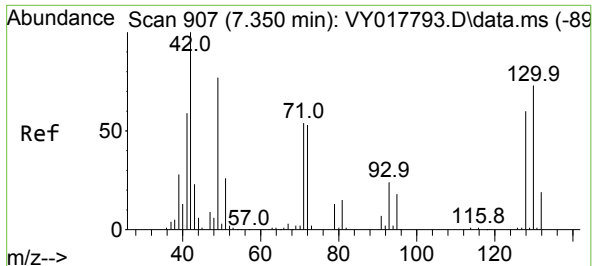
Tgt Ion: 96 Resp: 53866
 Ion Ratio Lower Upper
 96 100
 61 133.4 0.0 256.2
 98 64.6 0.0 130.0



#28
 Bromochloromethane
 Concen: 19.481 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.006 min
 Lab File: VY017814.D
 Acq: 02 Apr 2024 09:56

Tgt Ion: 49 Resp: 31439
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.6
 130 85.9 72.7 109.1





#29

Tetrahydrofuran

Concen: 96.199 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY017814.D

Acq: 02 Apr 2024 09:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

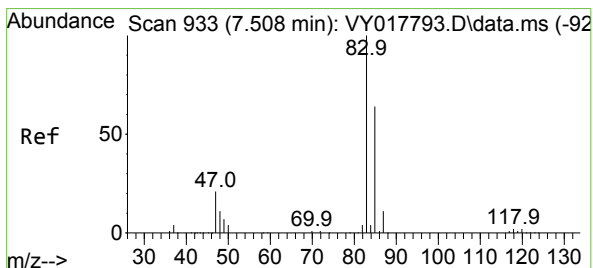
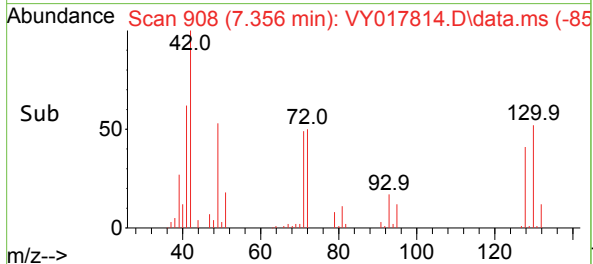
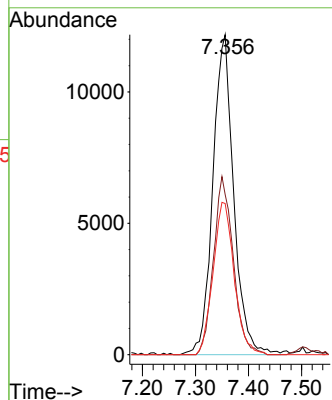
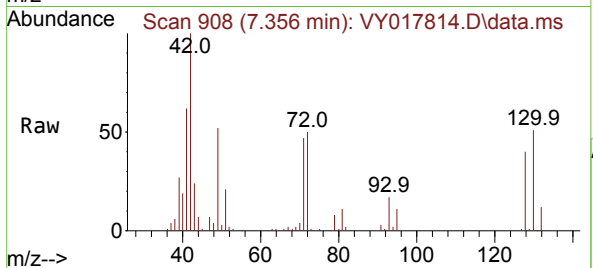
Tgt Ion: 42 Resp: 33223

Ion Ratio Lower Upper

42 100

72 52.8 43.0 64.4

71 48.3 40.8 61.2



#30

Chloroform

Concen: 21.164 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.000 min

Lab File: VY017814.D

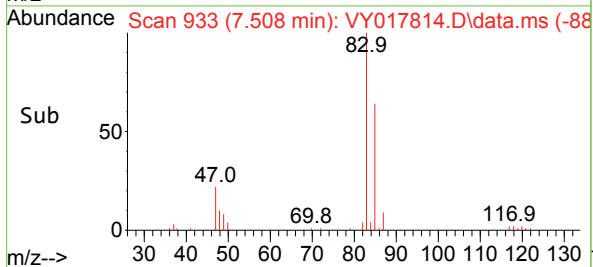
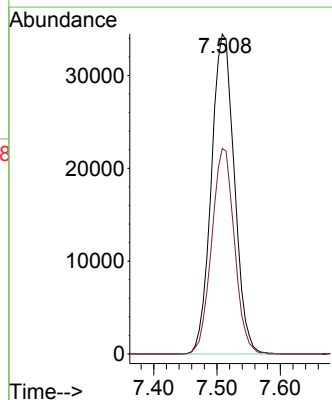
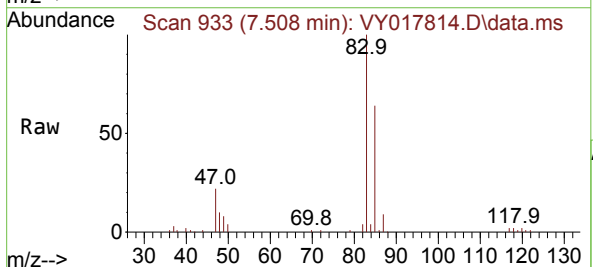
Acq: 02 Apr 2024 09:56

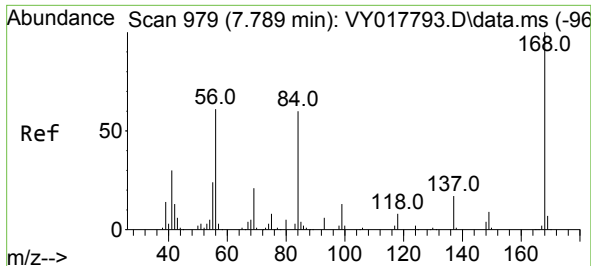
Tgt Ion: 83 Resp: 87142

Ion Ratio Lower Upper

83 100

85 64.2 52.2 78.4

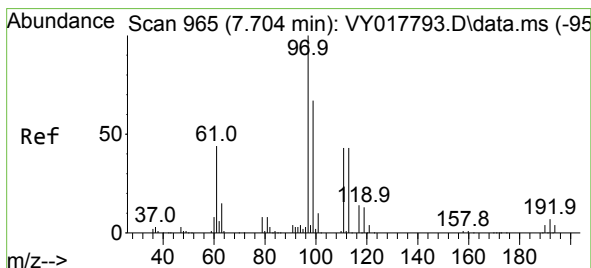
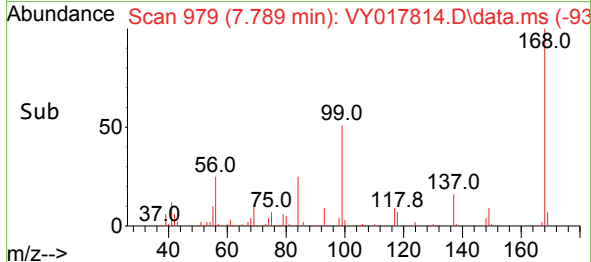
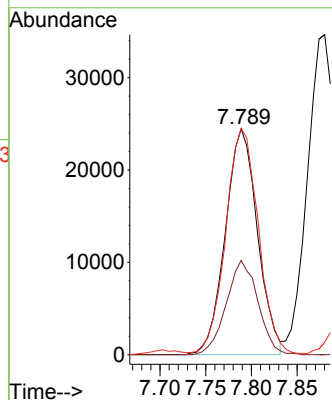
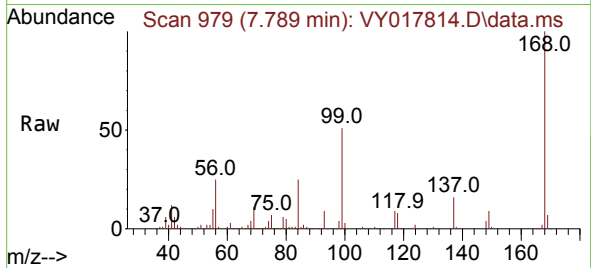




#31
Cyclohexane
Concen: 17.376 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

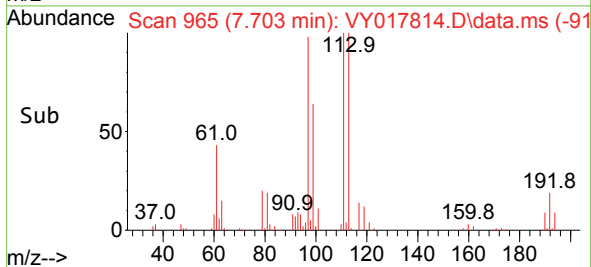
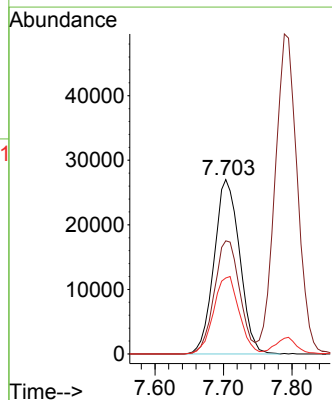
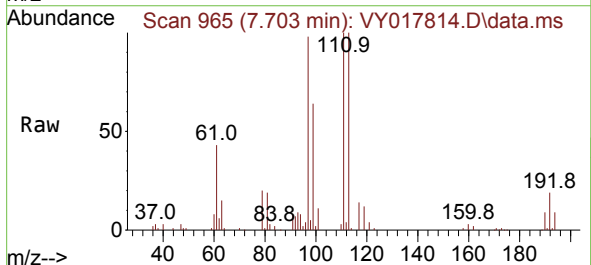
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

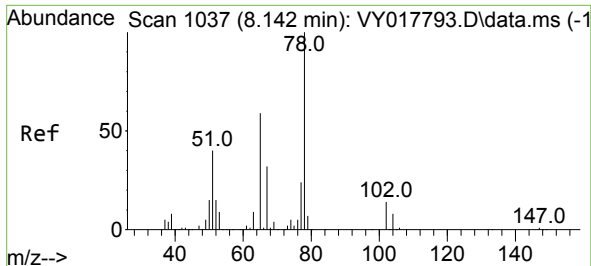
Tgt Ion: 56 Resp: 59829
Ion Ratio Lower Upper
56 100
69 41.8 28.7 43.1
84 98.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 19.931 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

Tgt Ion: 97 Resp: 69848
Ion Ratio Lower Upper
97 100
99 64.8 50.3 75.5
61 44.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 54.976 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY017814.D

Acq: 02 Apr 2024 09:56

Instrument :

MSVOA_Y

ClientSampleId :

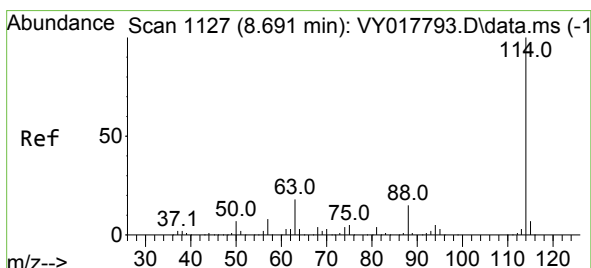
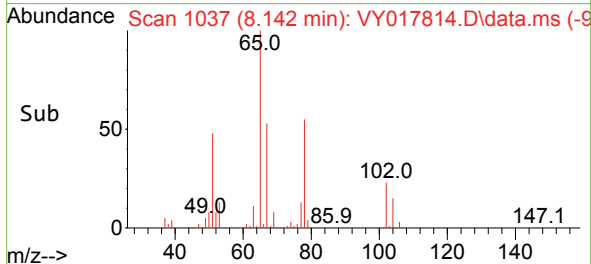
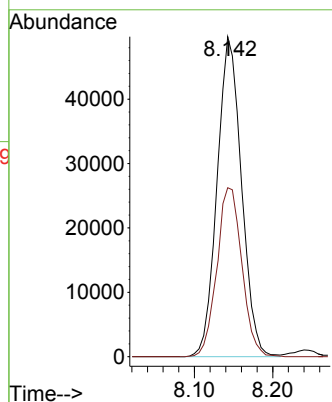
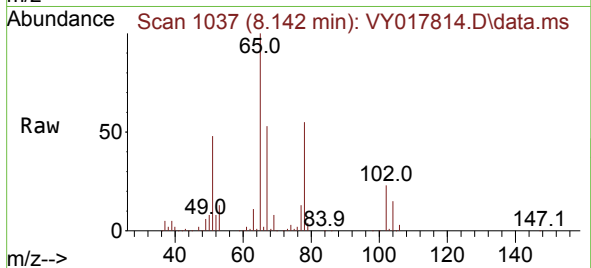
VY0402SBS01

Tgt Ion: 65 Resp: 107454

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017814.D

Acq: 02 Apr 2024 09:56

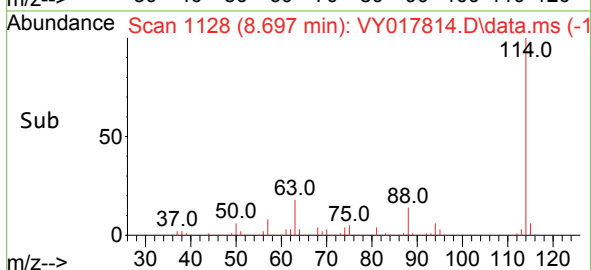
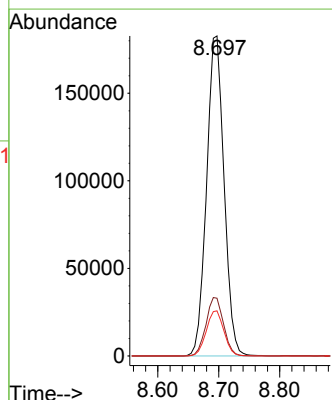
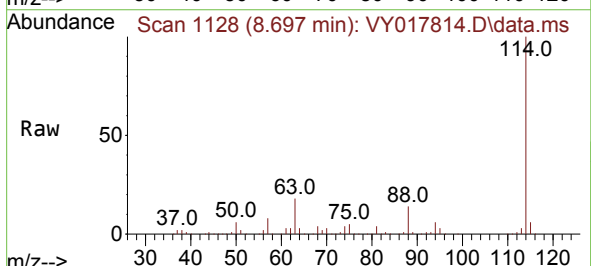
Tgt Ion: 114 Resp: 364023

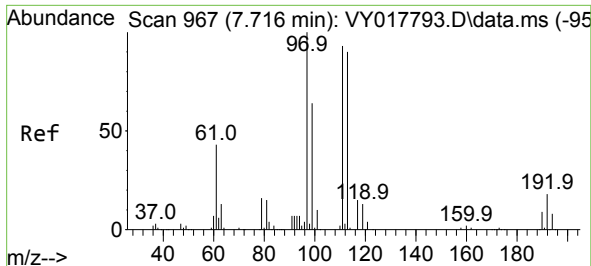
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 14.1 0.0 27.2

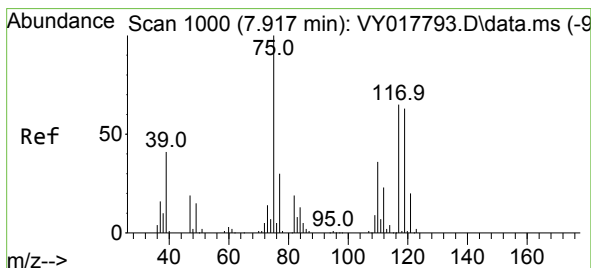
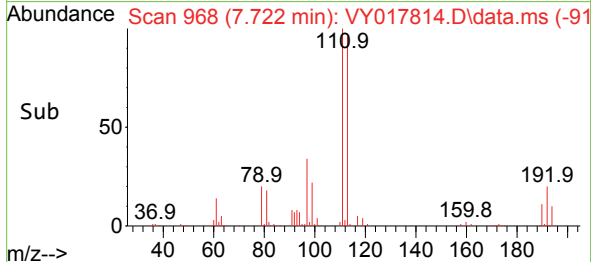
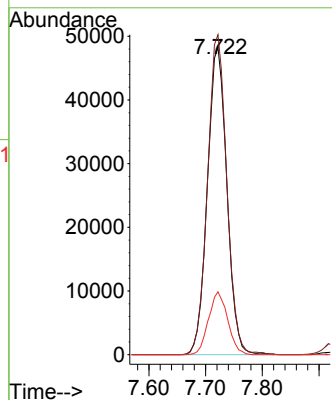
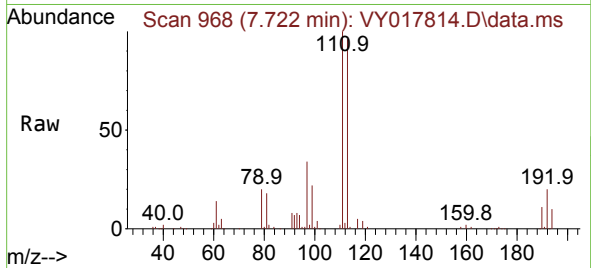




#35
Dibromofluoromethane
Concen: 54.745 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

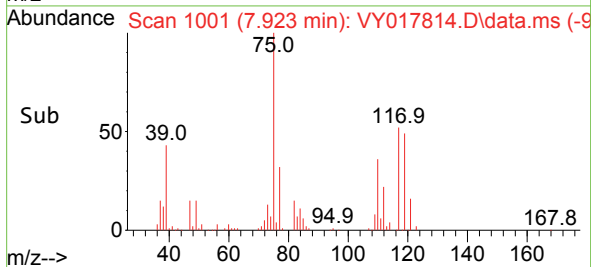
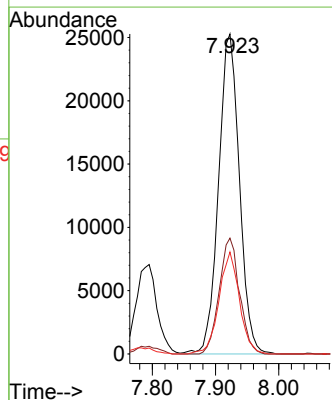
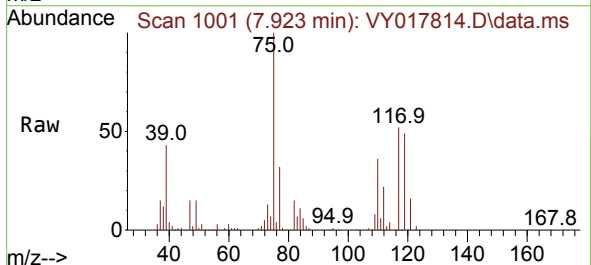
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

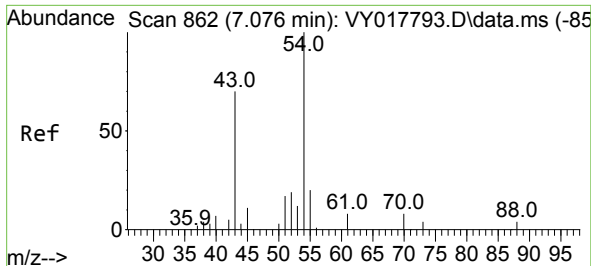
Tgt Ion:113 Resp: 115155
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 20.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 18.819 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

Tgt Ion: 75 Resp: 57759
Ion Ratio Lower Upper
75 100
110 35.2 19.0 57.0
77 31.3 25.3 37.9





#37

Ethyl Acetate

Concen: 19.196 ug/l

RT: 7.075 min Scan# 8

Delta R.T. -0.000 min

Lab File: VY017814.D

Acq: 02 Apr 2024 09:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

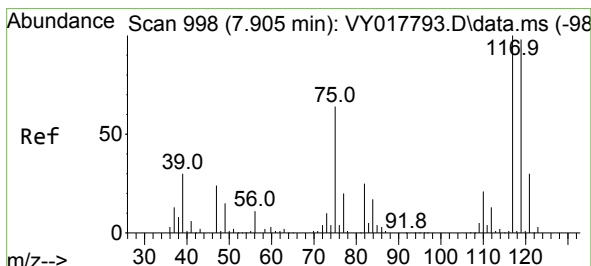
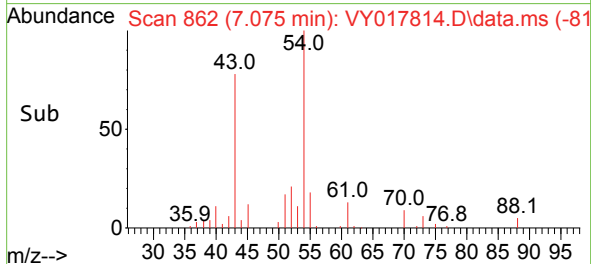
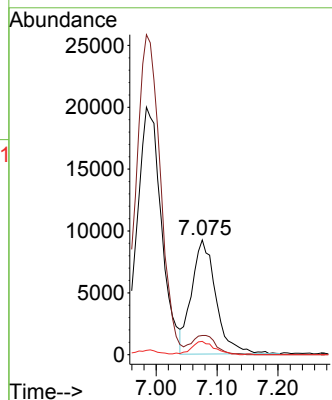
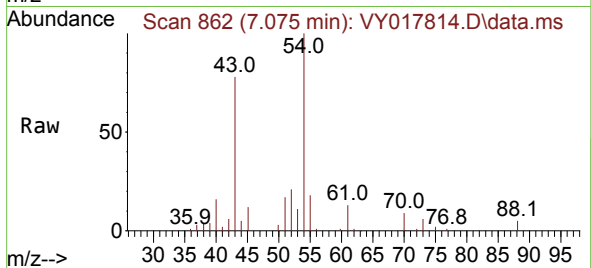
Tgt Ion: 43 Resp: 25424

Ion Ratio Lower Upper

43 100

61 17.2 12.6 19.0

70 11.0 7.8 11.8



#38

Carbon Tetrachloride

Concen: 19.393 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY017814.D

Acq: 02 Apr 2024 09:56

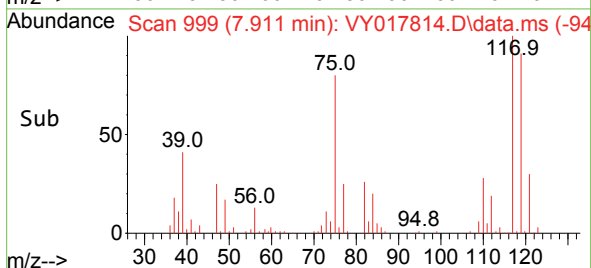
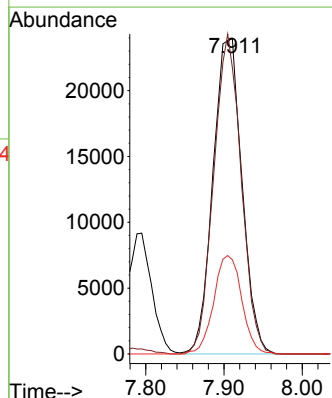
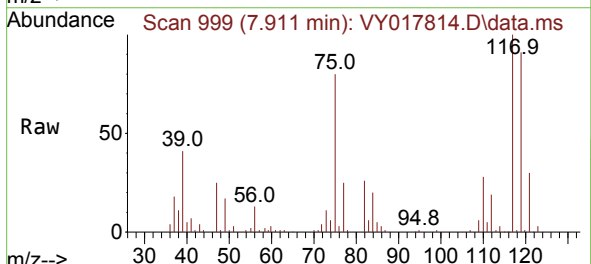
Tgt Ion: 117 Resp: 61790

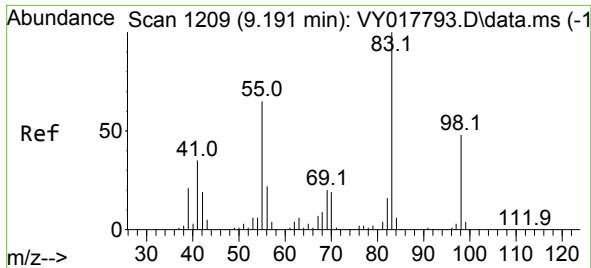
Ion Ratio Lower Upper

117 100

119 90.8 75.8 113.6

121 29.9 24.0 36.0

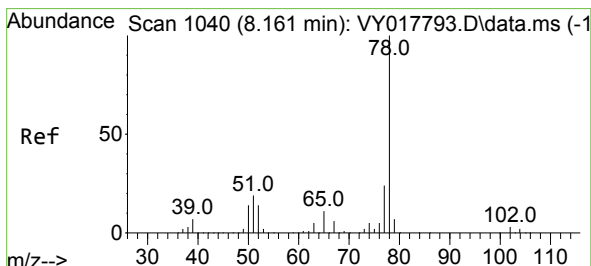
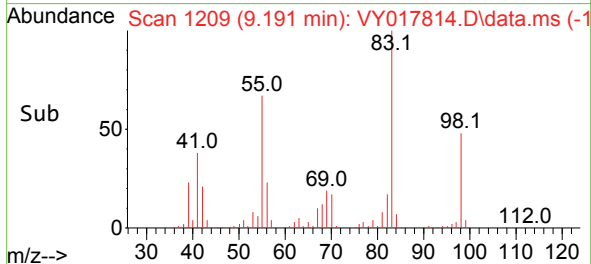
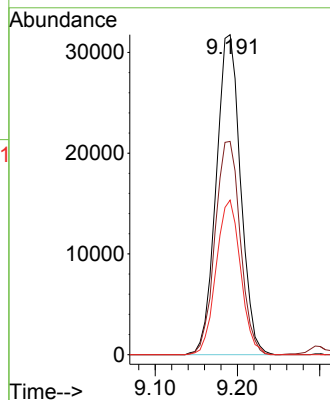
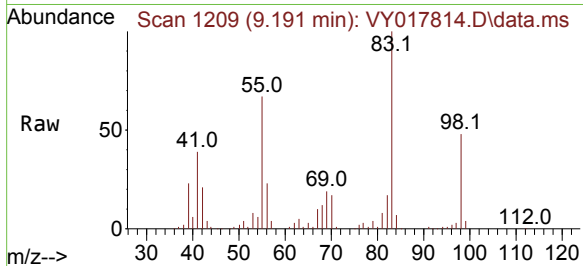




#39
Methylcyclohexane
Concen: 17.056 ug/l
RT: 9.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

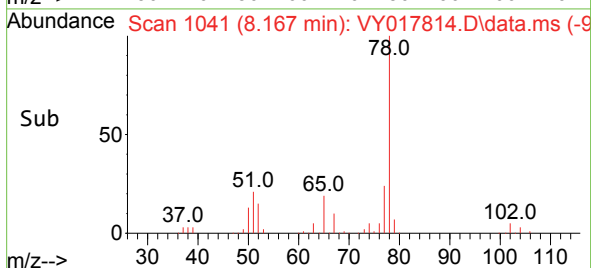
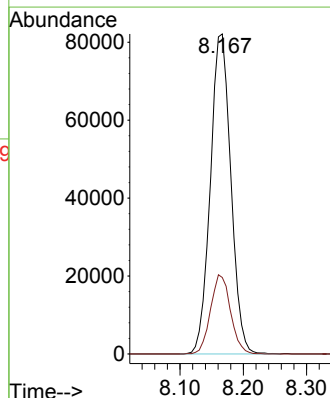
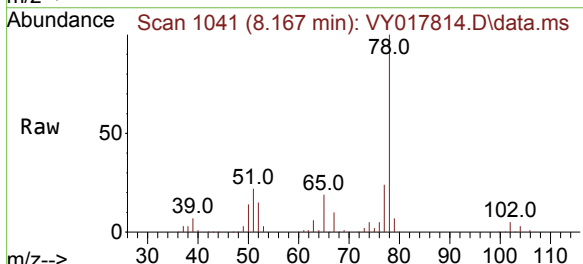
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

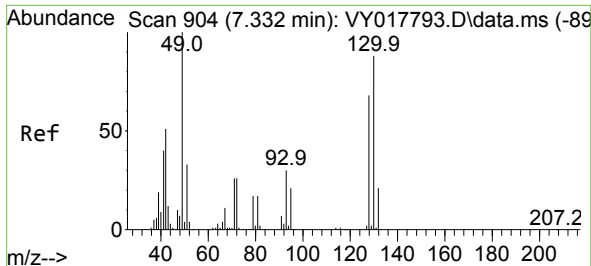
Tgt Ion: 83 Resp: 65387
Ion Ratio Lower Upper
83 100
55 66.7 51.5 77.3
98 48.3 40.5 60.7



#40
Benzene
Concen: 19.579 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

Tgt Ion: 78 Resp: 185186
Ion Ratio Lower Upper
78 100
77 23.9 19.5 29.3

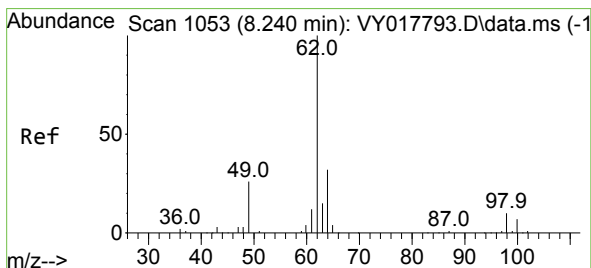
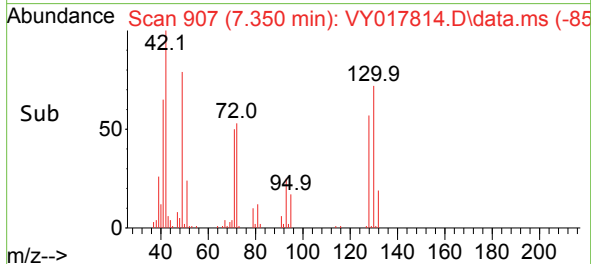
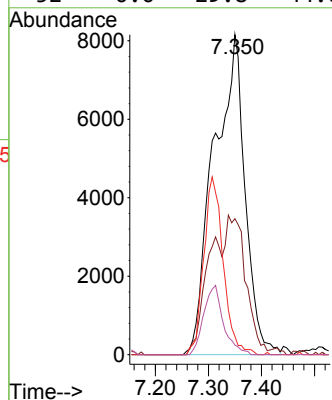
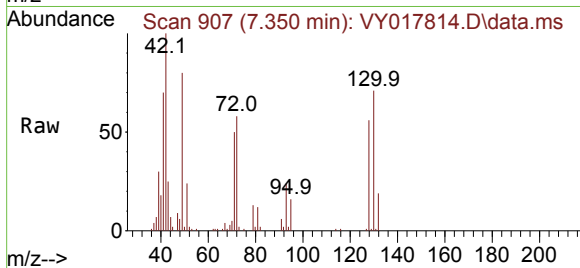




#41
Methacrylonitrile
Concen: 44.832 ug/l
RT: 7.350 min Scan# 904
Delta R.T. 0.018 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

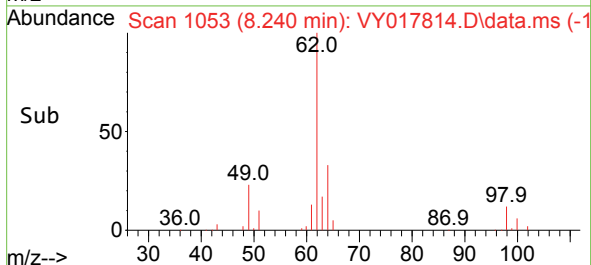
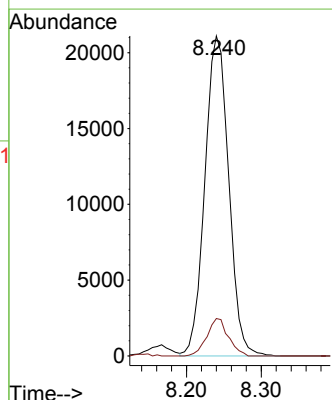
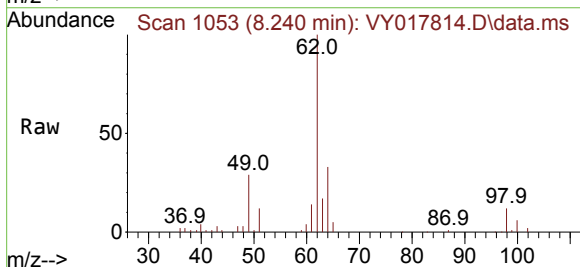
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

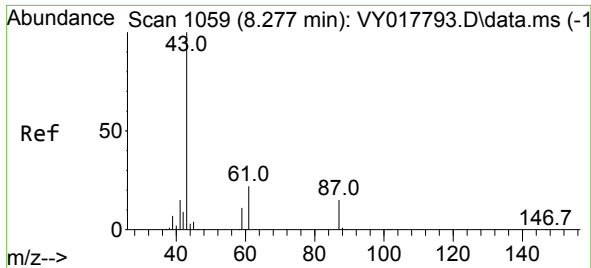
Tgt Ion: 41 Resp: 33285
Ion Ratio Lower Upper
41 100
39 29.0 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 20.082 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

Tgt Ion: 62 Resp: 46752
Ion Ratio Lower Upper
62 100
98 10.5 0.0 22.0

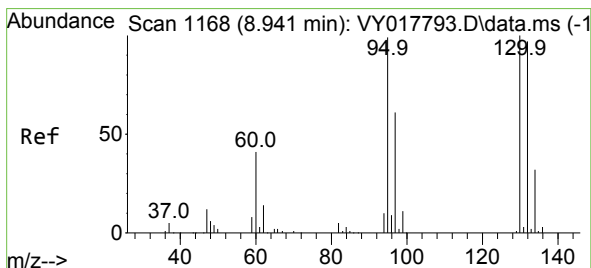
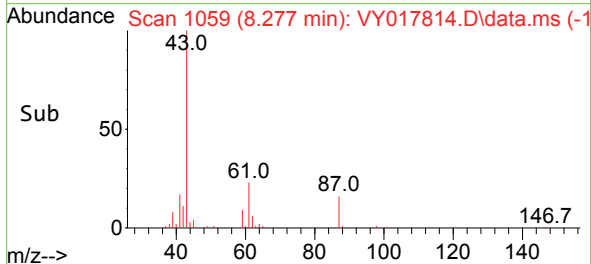
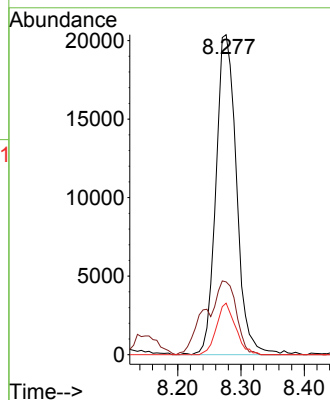
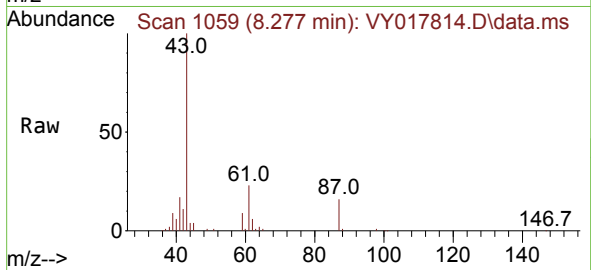




#43
Isopropyl Acetate
Concen: 19.065 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

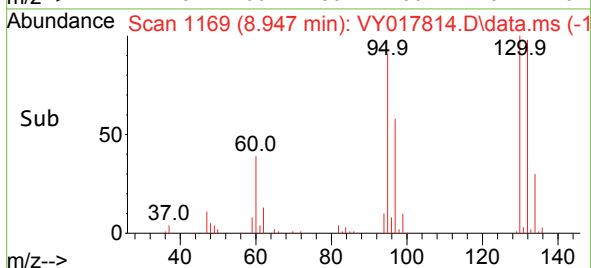
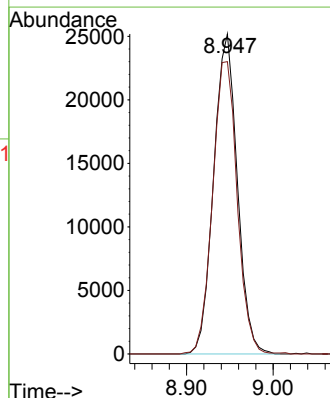
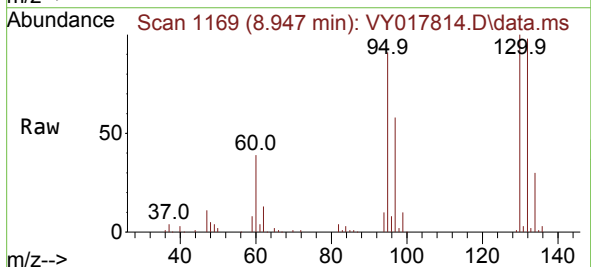
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

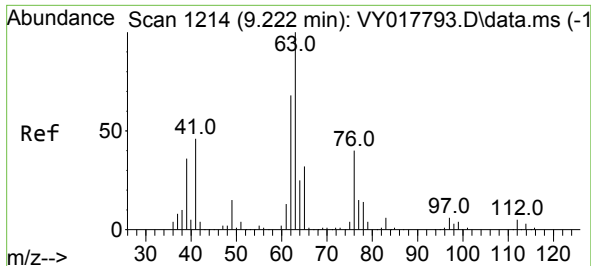
Tgt Ion:	43	Resp:	45825
Ion	Ratio	Lower	Upper
43	100		
61	34.5	27.9	41.9
87	15.0	13.1	19.7



#44
Trichloroethene
Concen: 19.380 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

Tgt Ion:	130	Resp:	47692
Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	188.0





#45

1,2-Dichloropropane

Concen: 19.860 ug/l

RT: 9.221 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VY017814.D

Acq: 02 Apr 2024 09:56

Instrument :

MSVOA_Y

ClientSampleId :

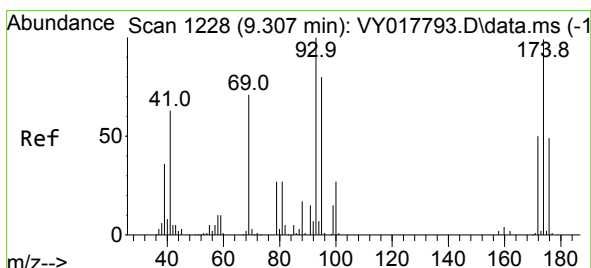
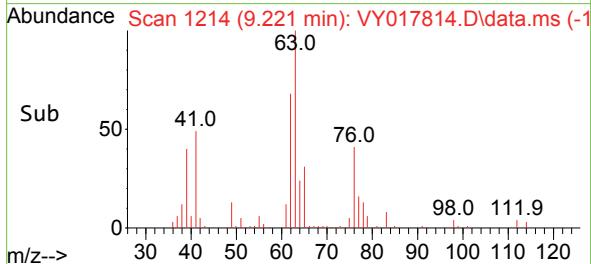
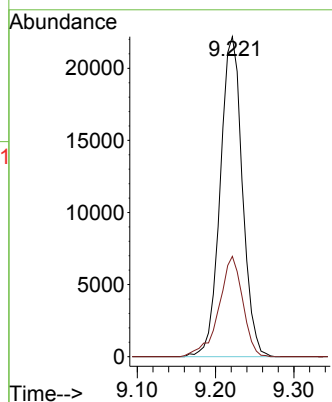
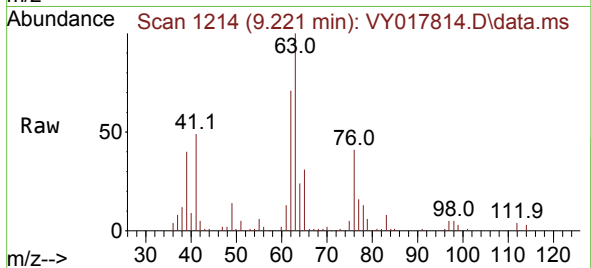
VY0402SBS01

Tgt Ion: 63 Resp: 43649

Ion Ratio Lower Upper

63 100

65 31.4 25.4 38.2



#46

Dibromomethane

Concen: 19.463 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY017814.D

Acq: 02 Apr 2024 09:56

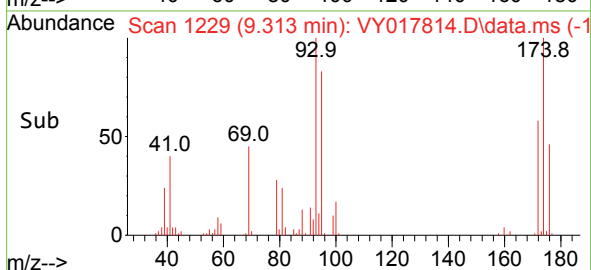
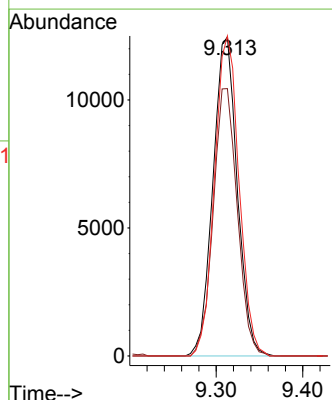
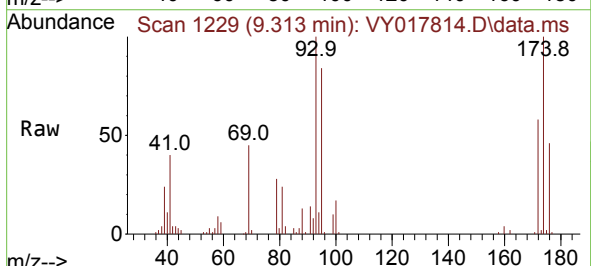
Tgt Ion: 93 Resp: 24303

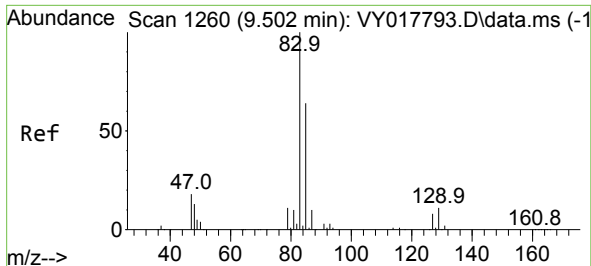
Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.4

174 100.9 80.9 121.3

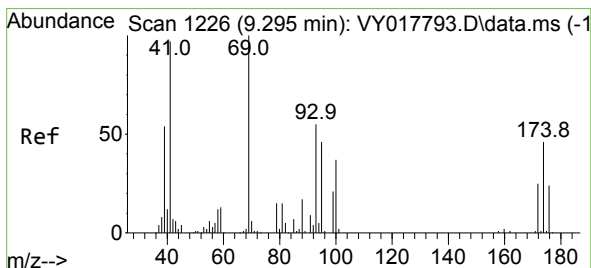
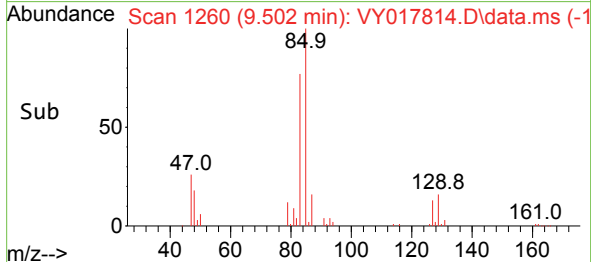
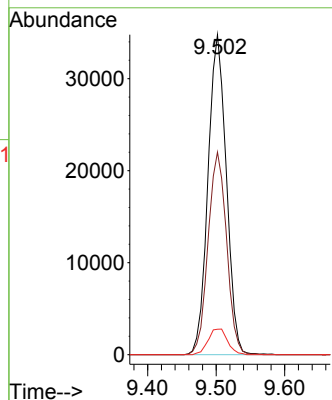
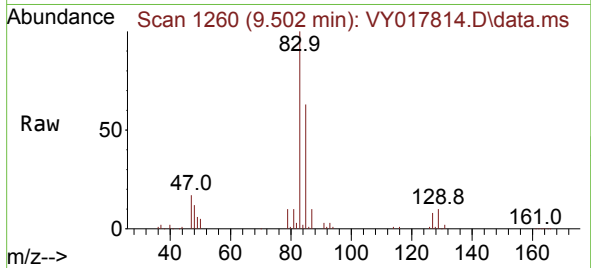




#47
Bromodichloromethane
Concen: 20.472 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

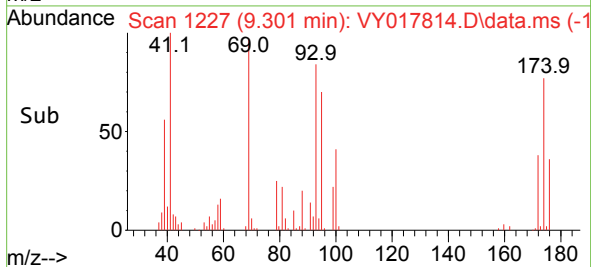
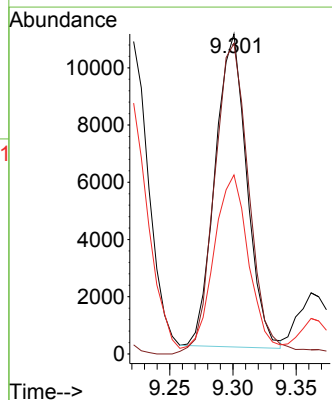
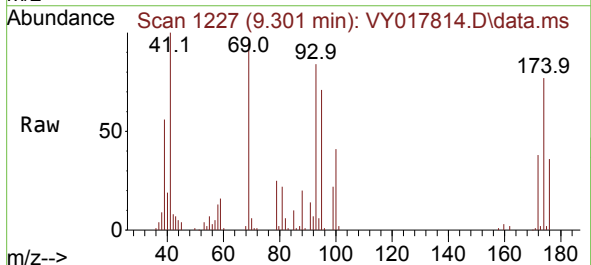
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

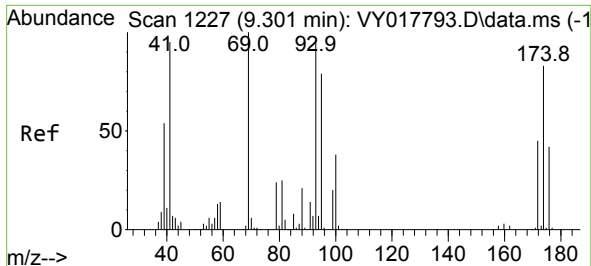
Tgt Ion: 83 Resp: 64593
Ion Ratio Lower Upper
83 100
85 63.3 50.1 75.1
127 8.0 7.4 11.0



#48
Methyl methacrylate
Concen: 20.625 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

Tgt Ion: 41 Resp: 19057
Ion Ratio Lower Upper
41 100
69 109.0 84.1 126.1
39 62.9 43.6 65.4





#49

1,4-Dioxane

Concen: 377.877 ug/l

RT: 9.307 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY017814.D

Acq: 02 Apr 2024 09:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

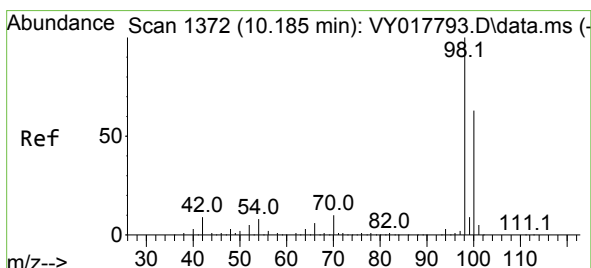
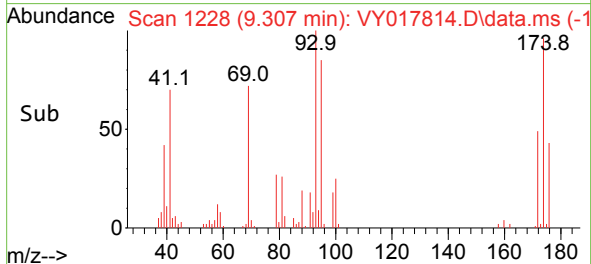
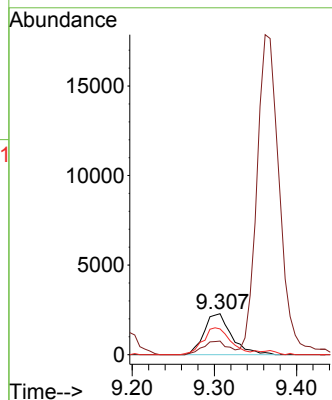
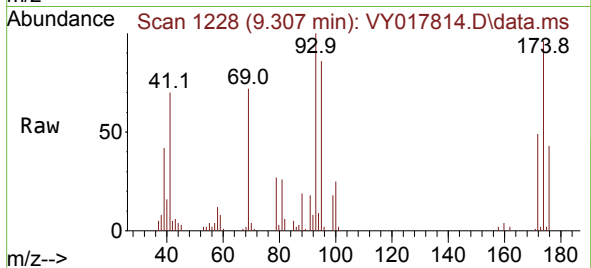
Tgt Ion: 88 Resp: 5297

Ion Ratio Lower Upper

88 100

43 30.4 0.0 0.0#

58 65.9 49.3 73.9



#50

Toluene-d8

Concen: 53.951 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.000 min

Lab File: VY017814.D

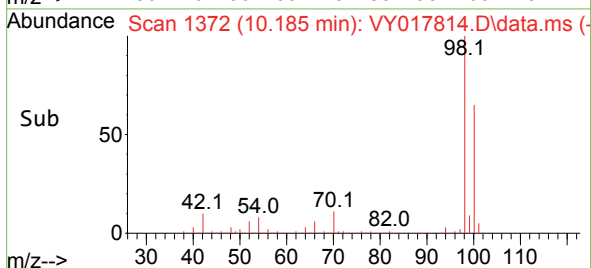
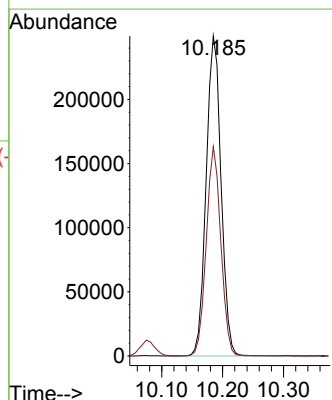
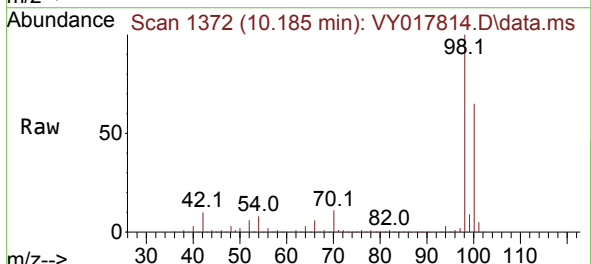
Acq: 02 Apr 2024 09:56

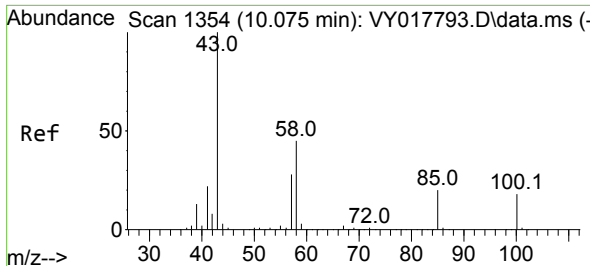
Tgt Ion: 98 Resp: 423917

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0

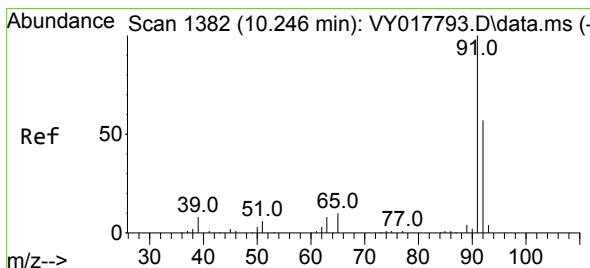
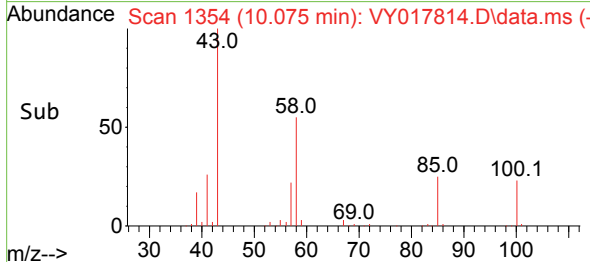
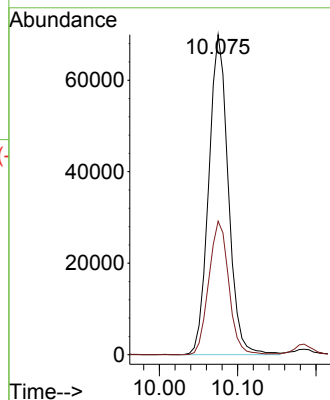
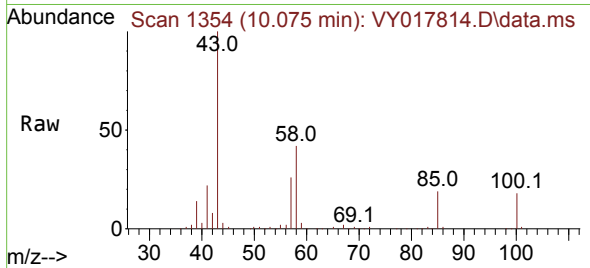




#51
4-Methyl-2-Pentanone
Concen: 110.069 ug/l
RT: 10.075 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

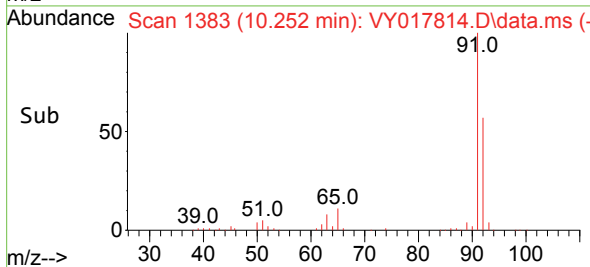
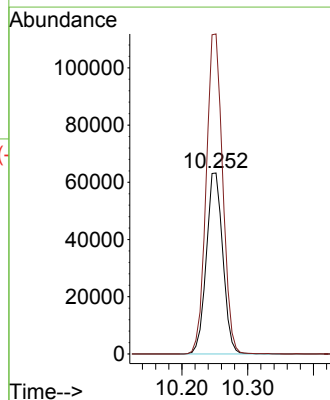
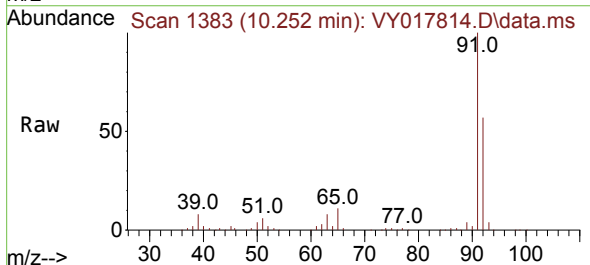
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

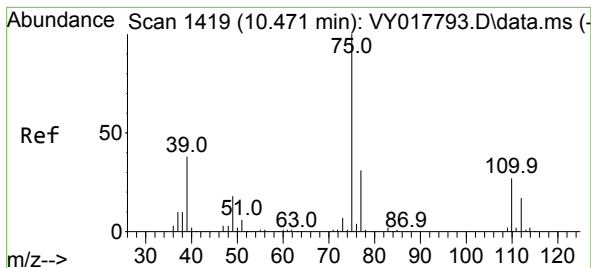
Tgt Ion: 43 Resp: 121258
Ion Ratio Lower Upper
43 100
58 42.6 35.7 53.5



#52
Toluene
Concen: 19.213 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

Tgt Ion: 92 Resp: 110227
Ion Ratio Lower Upper
92 100
91 176.8 139.0 208.6

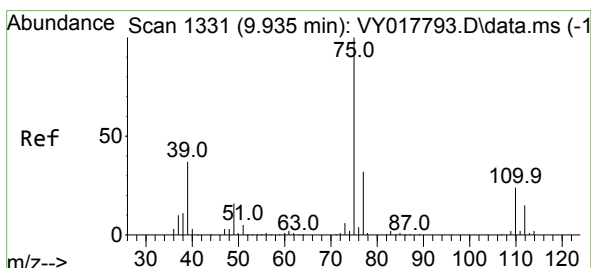
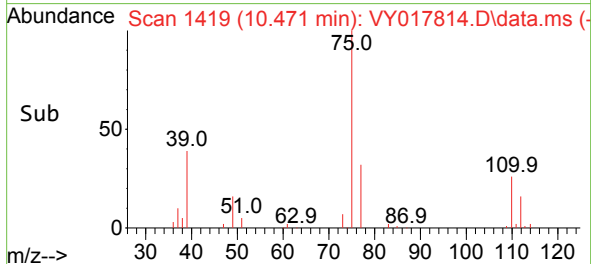
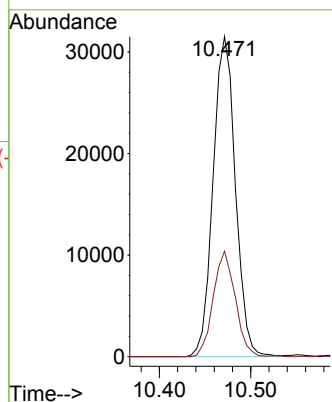
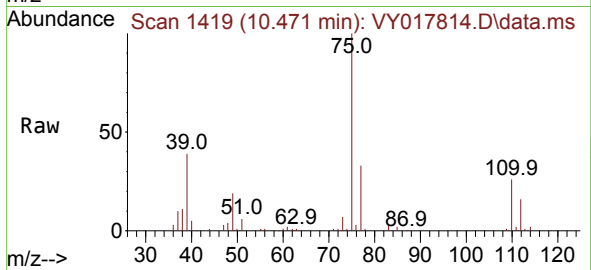




#53
t-1,3-Dichloropropene
Concen: 19.081 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. -0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

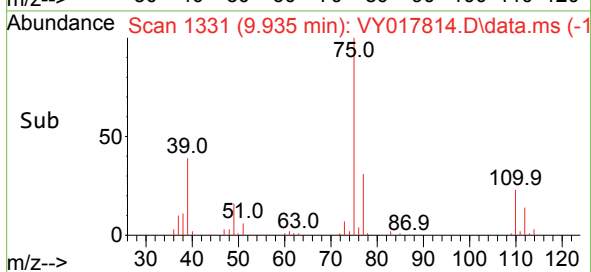
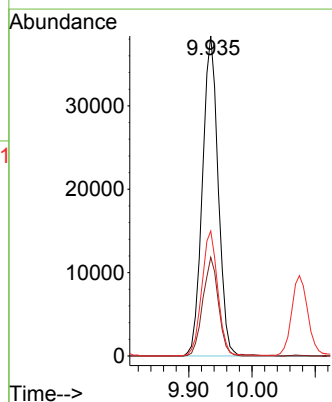
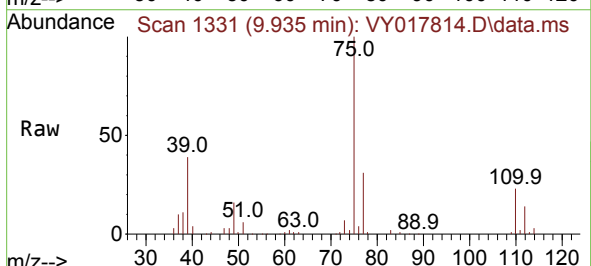
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

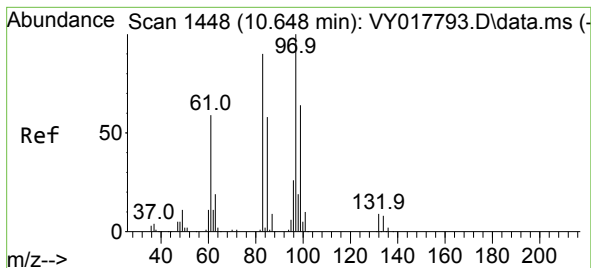
Tgt Ion: 75 Resp: 53456
Ion Ratio Lower Upper
75 100
77 33.0 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 19.481 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

Tgt Ion: 75 Resp: 66607
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.0
39 39.0 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 19.851 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VY017814.D

Acq: 02 Apr 2024 09:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

Tgt Ion: 97 Resp: 33028

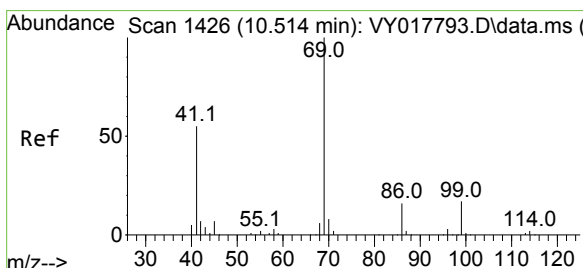
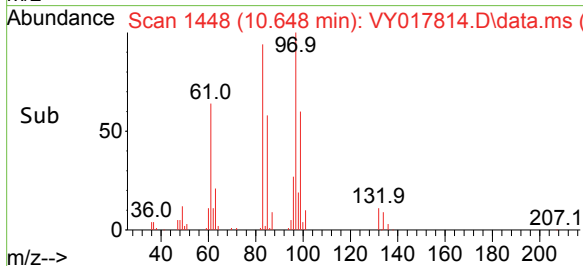
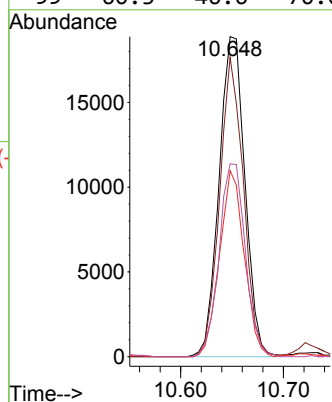
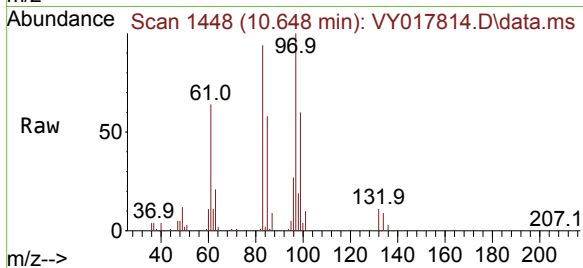
Ion Ratio Lower Upper

97 100

83 93.6 67.5 101.3

85 58.2 42.9 64.3

99 60.3 46.6 70.0



#56

Ethyl methacrylate

Concen: 21.133 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.000 min

Lab File: VY017814.D

Acq: 02 Apr 2024 09:56

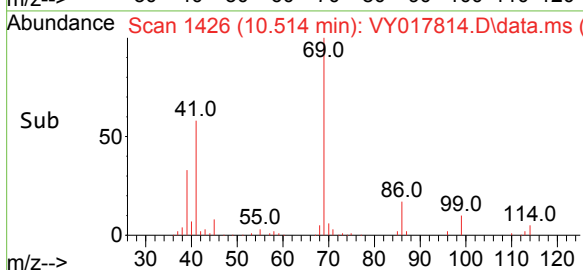
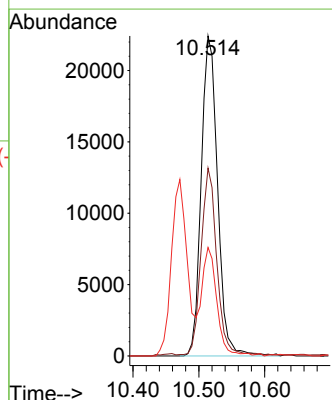
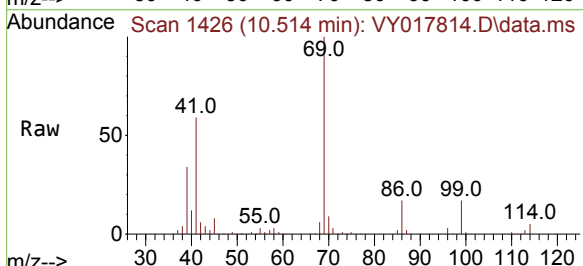
Tgt Ion: 69 Resp: 38776

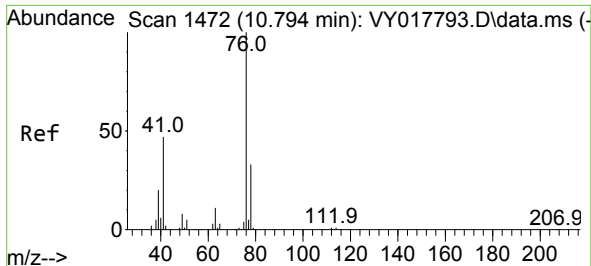
Ion Ratio Lower Upper

69 100

41 55.7 42.3 63.5

39 31.2 22.9 34.3





#57

1,3-Dichloropropane

Concen: 19.445 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VY017814.D

Acq: 02 Apr 2024 09:56

Instrument :

MSVOA_Y

ClientSampleId :

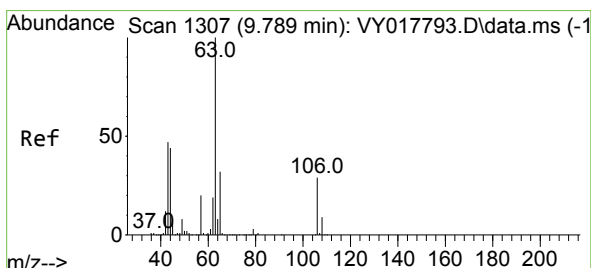
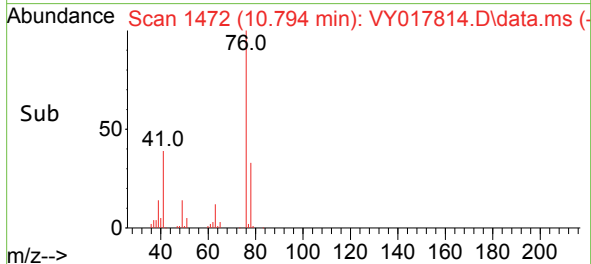
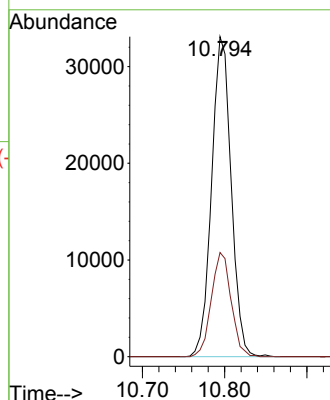
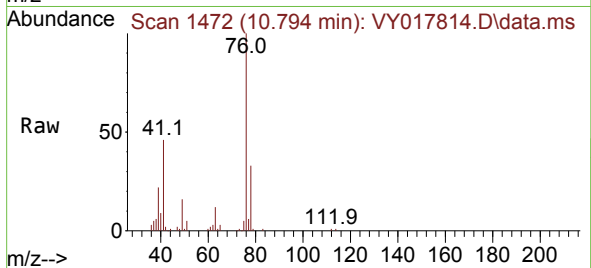
VY0402SBS01

Tgt Ion: 76 Resp: 54719

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 100.023 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. -0.001 min

Lab File: VY017814.D

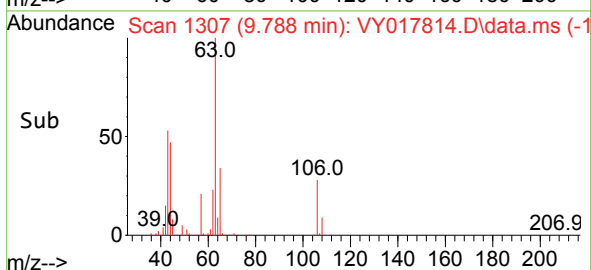
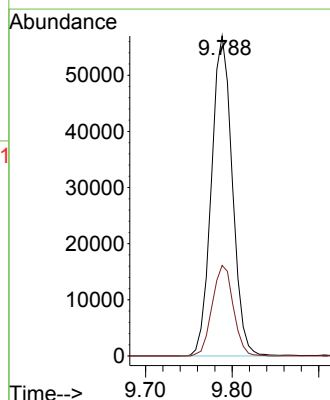
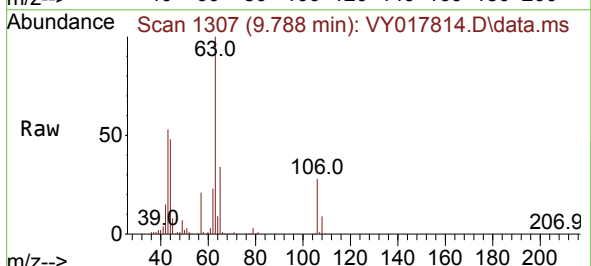
Acq: 02 Apr 2024 09:56

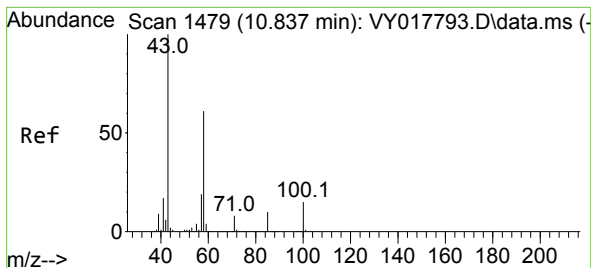
Tgt Ion: 63 Resp: 95555

Ion Ratio Lower Upper

63 100

106 28.5 23.7 35.5

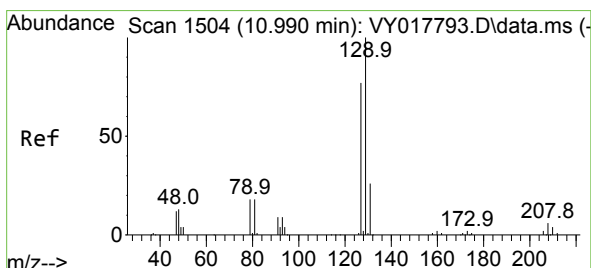
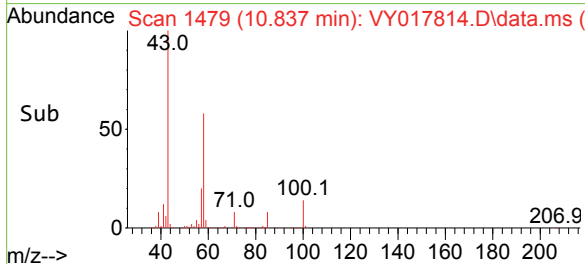
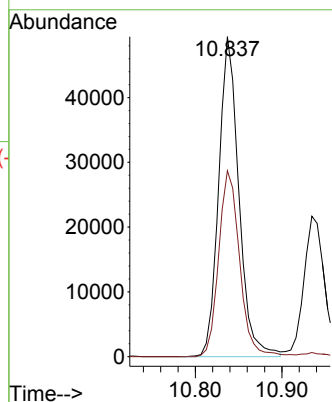
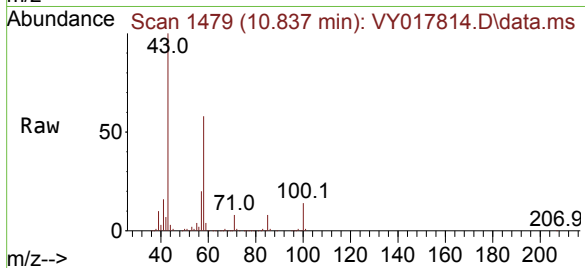




#59
2-Hexanone
Concen: 104.632 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

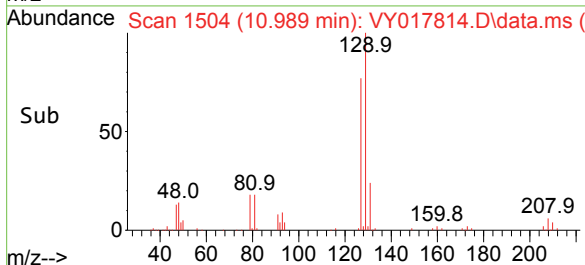
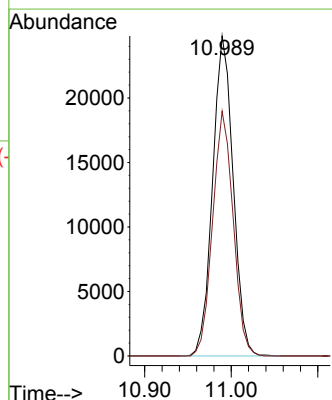
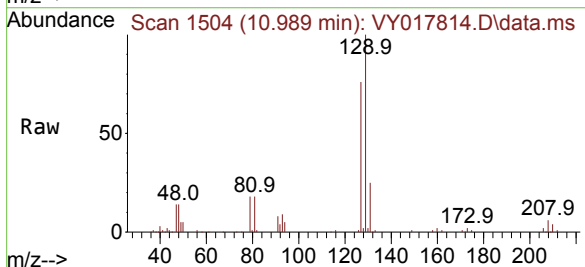
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

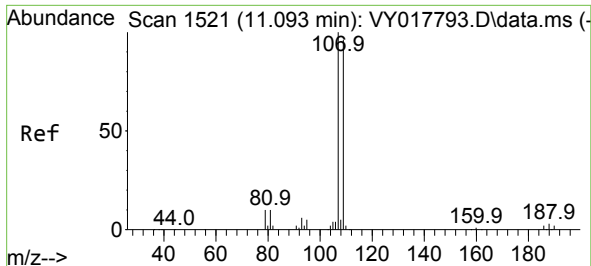
Tgt Ion: 43 Resp: 79896
Ion Ratio Lower Upper
43 100
58 60.2 31.4 94.0



#60
Dibromochloromethane
Concen: 19.480 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

Tgt Ion: 129 Resp: 40880
Ion Ratio Lower Upper
129 100
127 76.4 39.0 117.0

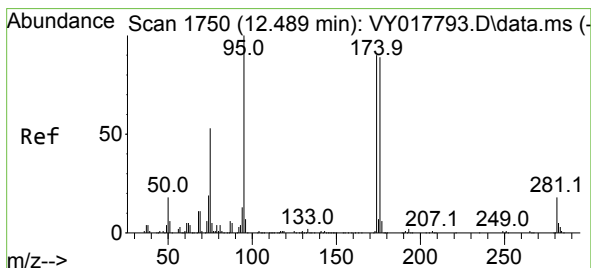
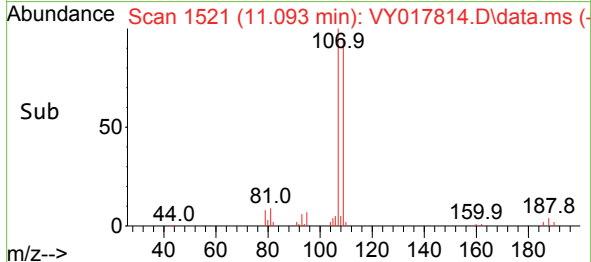
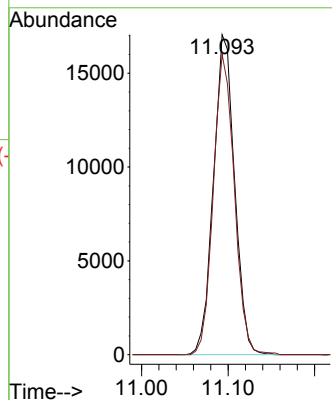
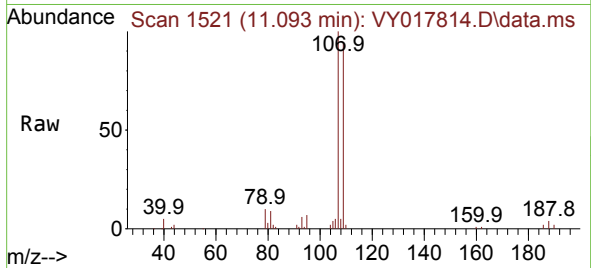




#61
1,2-Dibromoethane
Concen: 19.067 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

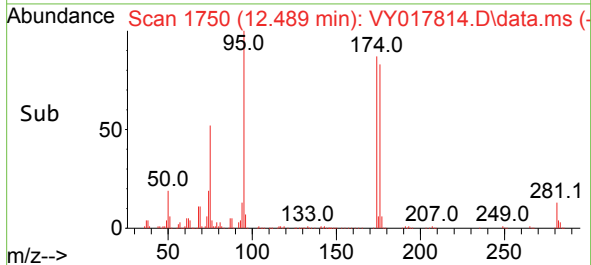
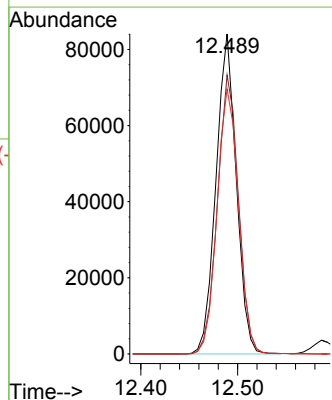
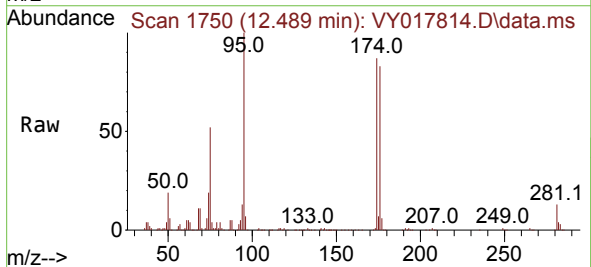
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

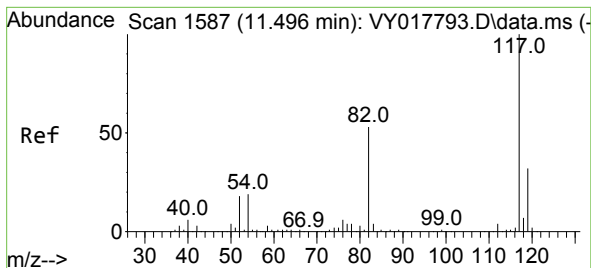
Tgt Ion:107 Resp: 28928
Ion Ratio Lower Upper
107 100
109 93.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 51.312 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

Tgt Ion: 95 Resp: 122668
Ion Ratio Lower Upper
95 100
174 90.2 0.0 175.6
176 87.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017814.D

Acq: 02 Apr 2024 09:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

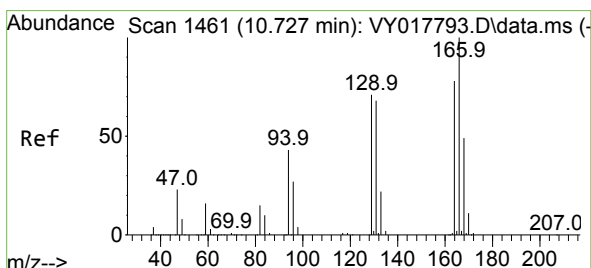
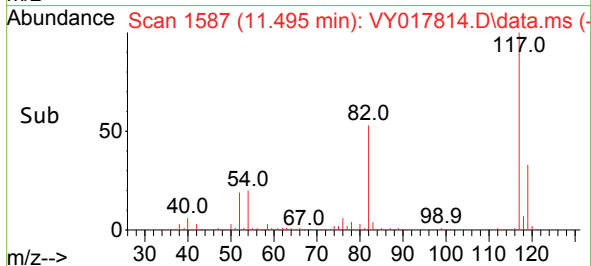
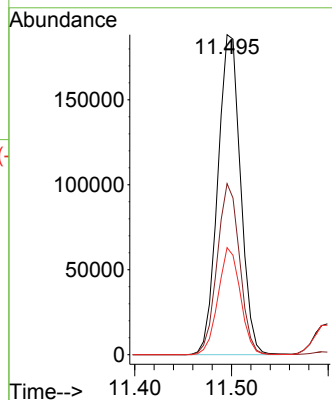
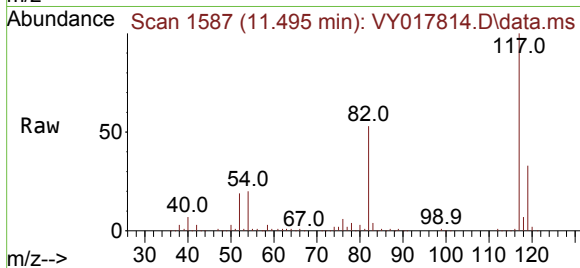
Tgt Ion:117 Resp: 307414

Ion Ratio Lower Upper

117 100

82 53.4 42.4 63.6

119 33.4 25.9 38.9



#64

Tetrachloroethene

Concen: 19.488 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VY017814.D

Acq: 02 Apr 2024 09:56

Tgt Ion:164 Resp: 52254

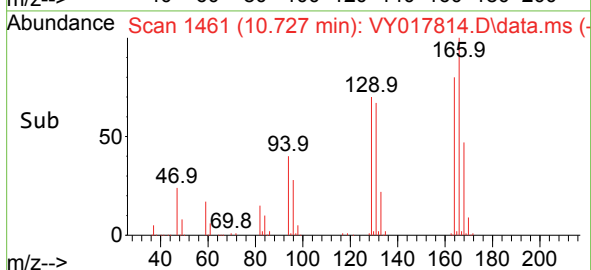
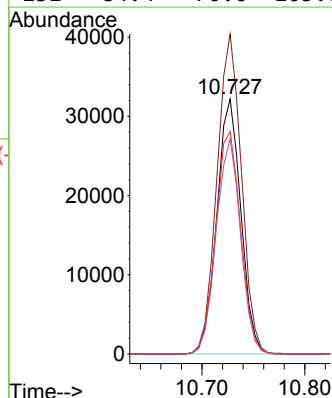
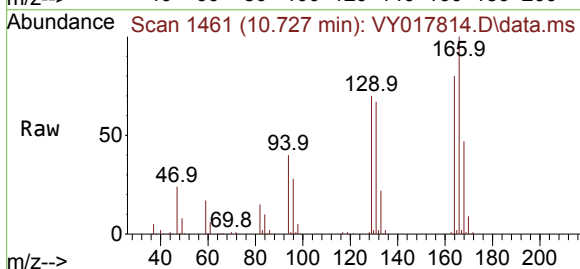
Ion Ratio Lower Upper

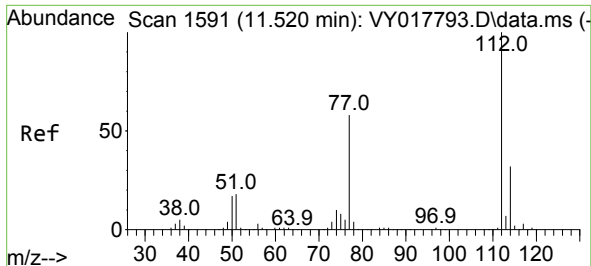
164 100

166 125.5 102.6 154.0

129 87.3 72.0 108.0

131 84.4 70.0 105.0

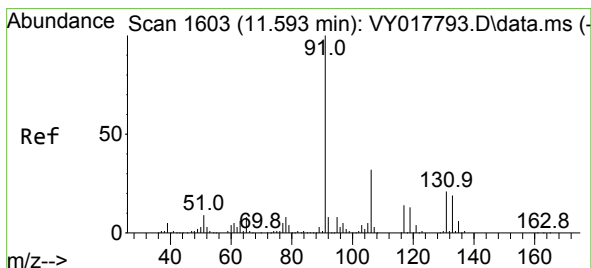
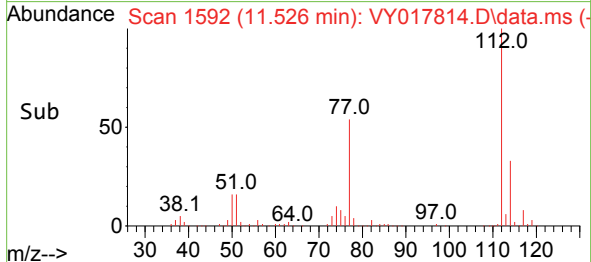
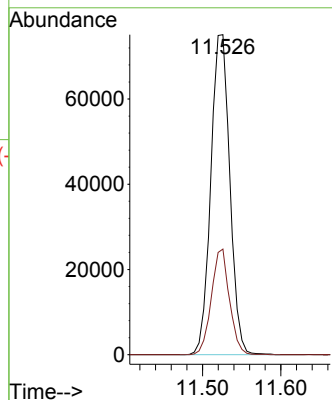
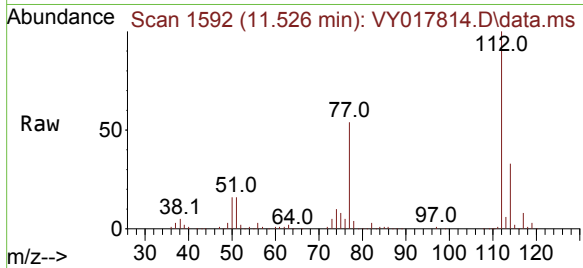




#65
Chlorobenzene
Concen: 20.094 ug/l
RT: 11.526 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

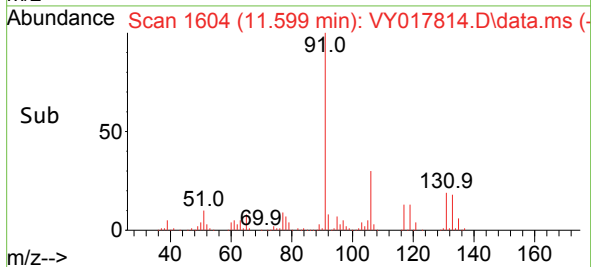
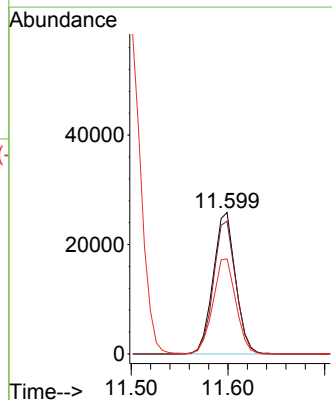
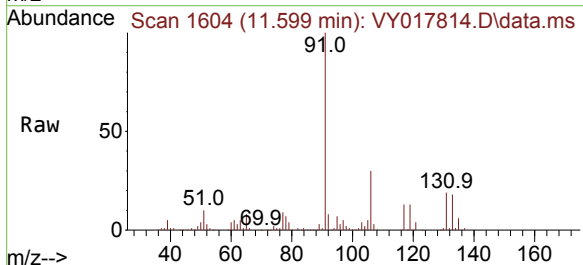
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

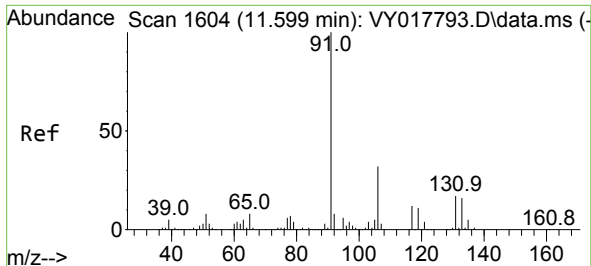
Tgt Ion:112 Resp: 126716
Ion Ratio Lower Upper
112 100
114 33.0 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.371 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

Tgt Ion:131 Resp: 41478
Ion Ratio Lower Upper
131 100
133 94.0 47.8 143.3
119 69.0 34.1 102.2

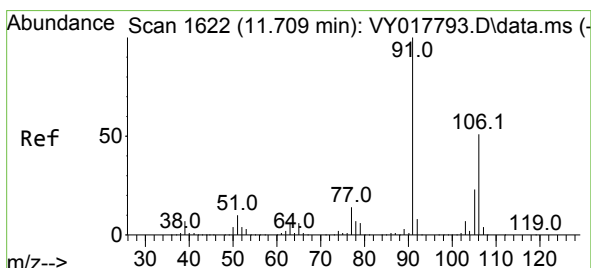
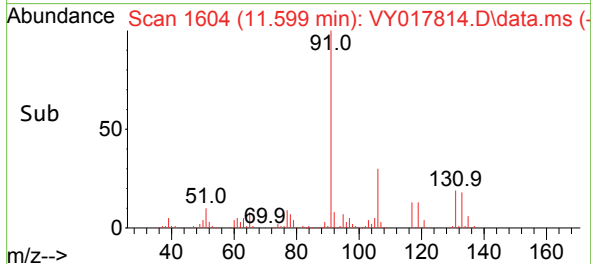
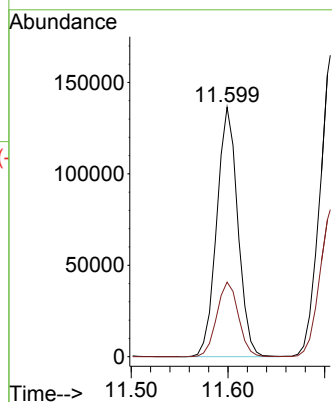
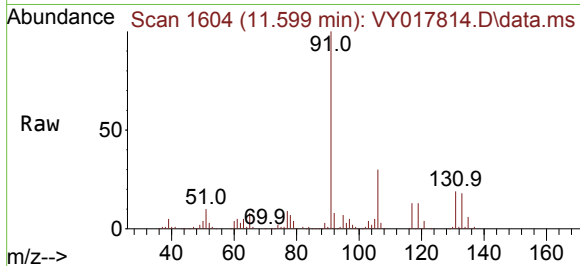




#67
Ethyl Benzene
Concen: 19.009 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

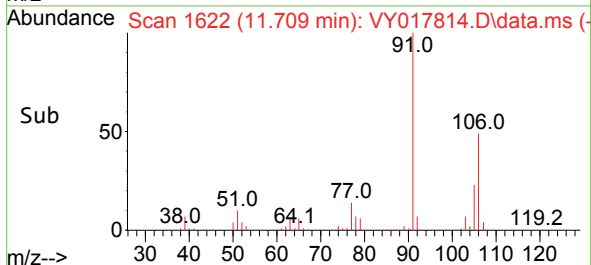
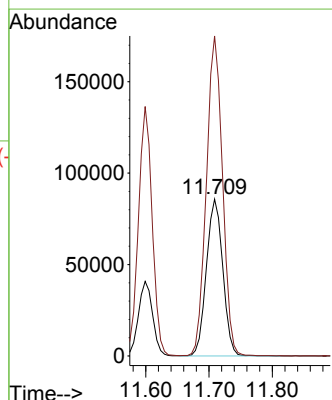
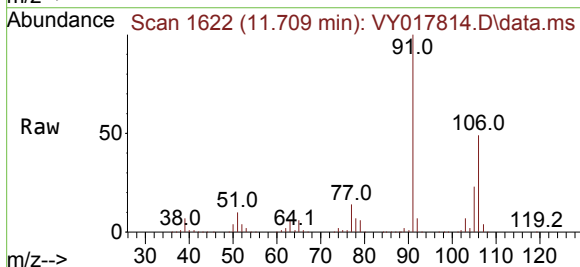
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

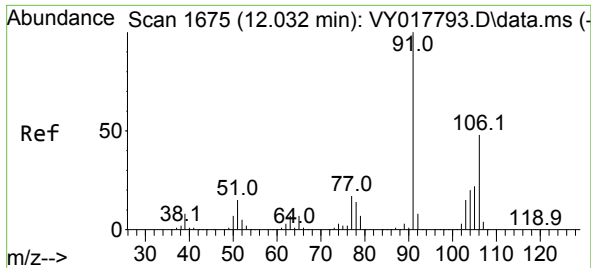
Tgt Ion: 91 Resp: 206064
Ion Ratio Lower Upper
91 100
106 29.9 24.5 36.7



#68
m/p-Xylenes
Concen: 37.635 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

Tgt Ion: 106 Resp: 154724
Ion Ratio Lower Upper
106 100
91 200.7 156.0 234.0

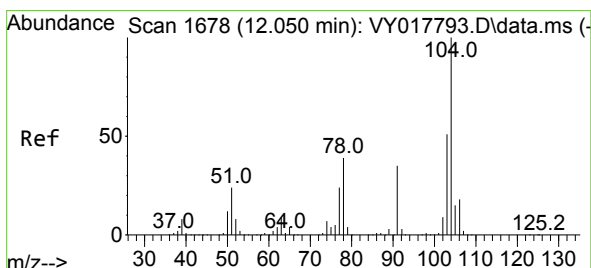
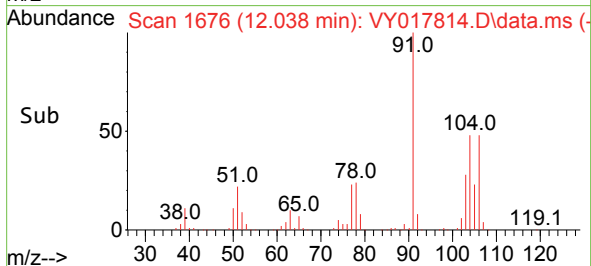
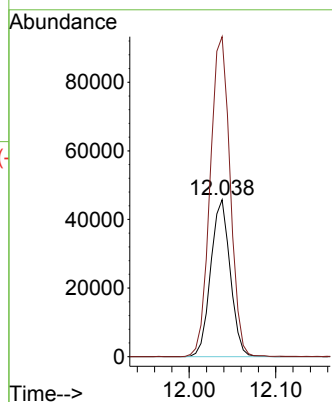
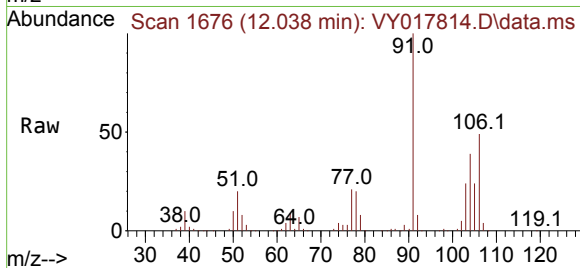




#69
o-Xylene
Concen: 22.387 ug/l
RT: 12.038 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

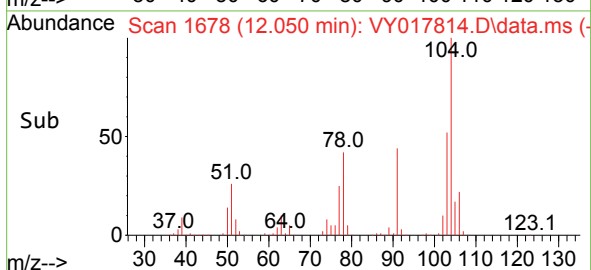
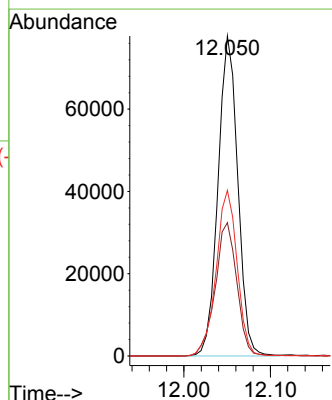
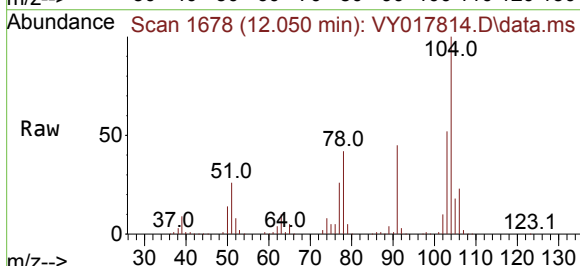
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

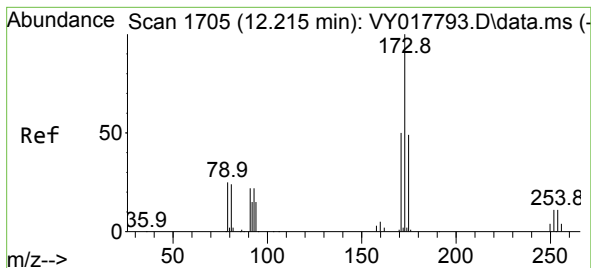
Tgt Ion:106 Resp: 71395
Ion Ratio Lower Upper
106 100
91 209.5 103.6 310.8



#70
Styrene
Concen: 22.660 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

Tgt Ion:104 Resp: 123186
Ion Ratio Lower Upper
104 100
78 45.7 37.0 55.4
103 55.2 44.2 66.2





#71

Bromoform

Concen: 19.012 ug/l

RT: 12.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017814.D

Acq: 02 Apr 2024 09:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

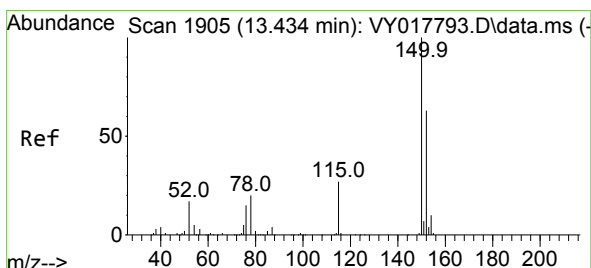
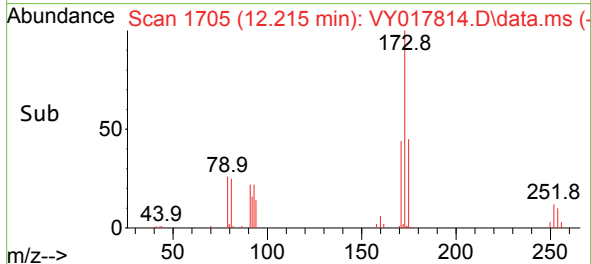
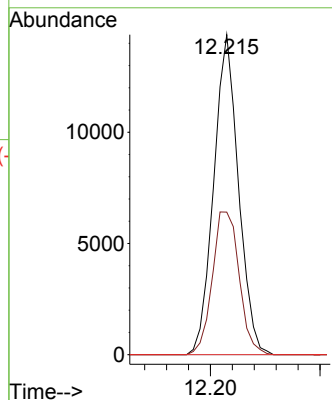
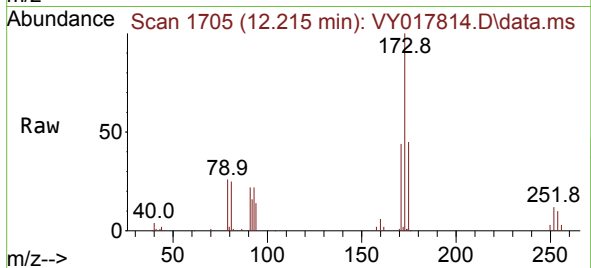
Tgt Ion:173 Resp: 22565

Ion Ratio Lower Upper

173 100

175 48.4 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: VY017814.D

Acq: 02 Apr 2024 09:56

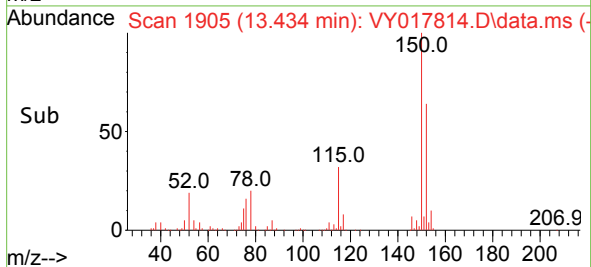
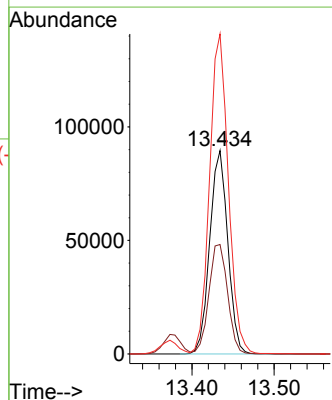
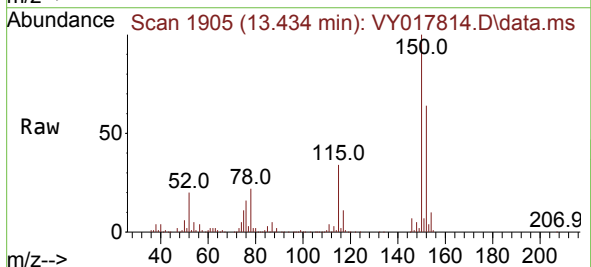
Tgt Ion:152 Resp: 136729

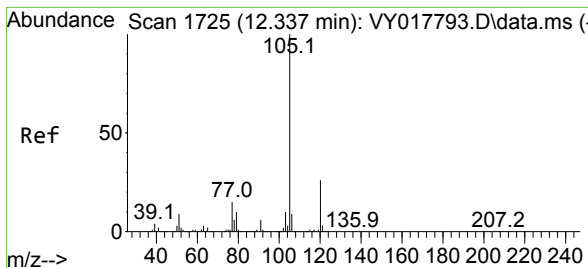
Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.7

150 163.5 0.0 345.6

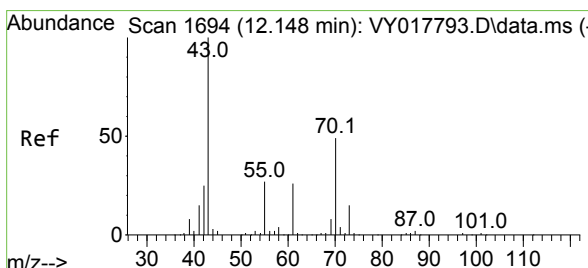
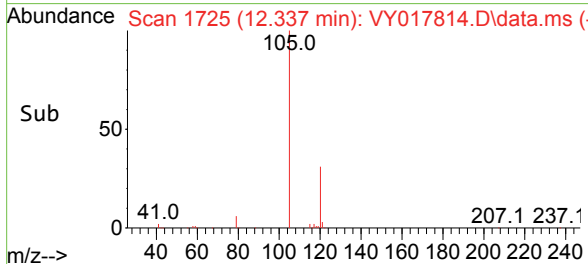
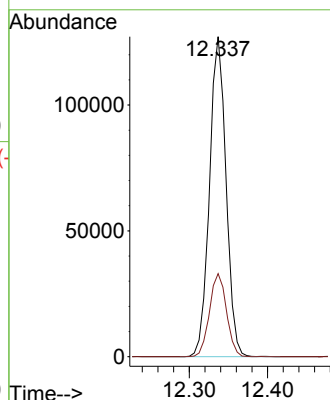
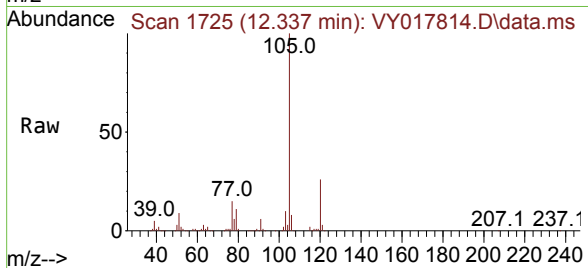




#73
Isopropylbenzene
Concen: 19.423 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. -0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

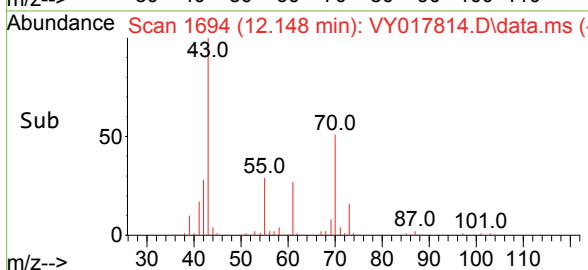
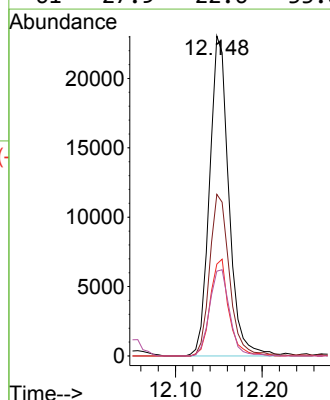
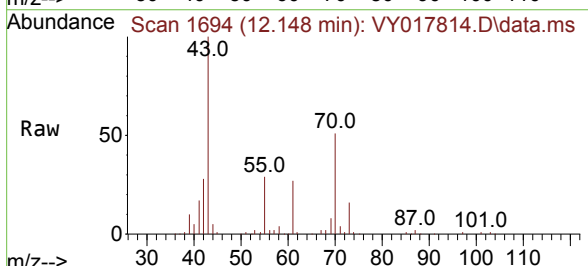
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

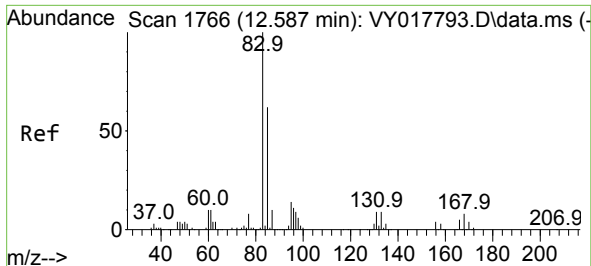
Tgt Ion:105 Resp: 186110
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1



#74
N-ethyl acetate
Concen: 21.797 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

Tgt Ion: 43 Resp: 35638
Ion Ratio Lower Upper
43 100
70 51.8 41.4 62.2
55 29.3 23.3 34.9
61 27.9 22.6 33.8

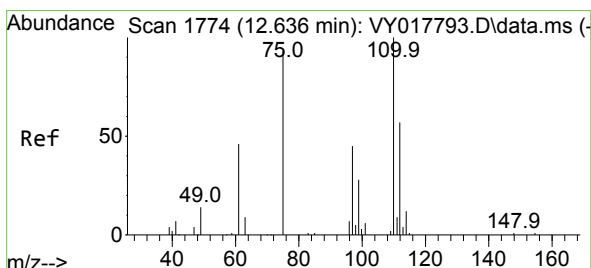
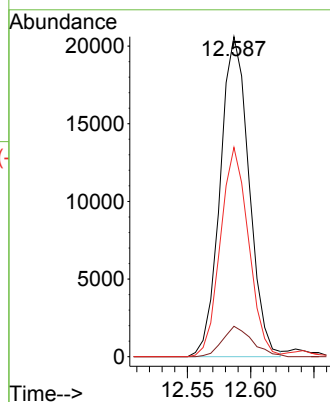
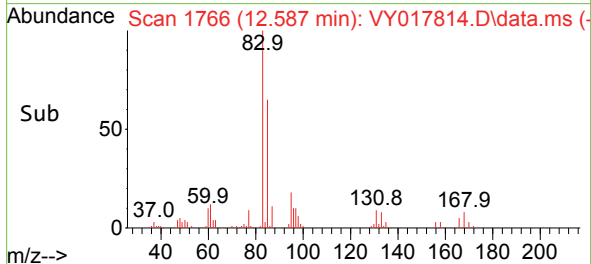
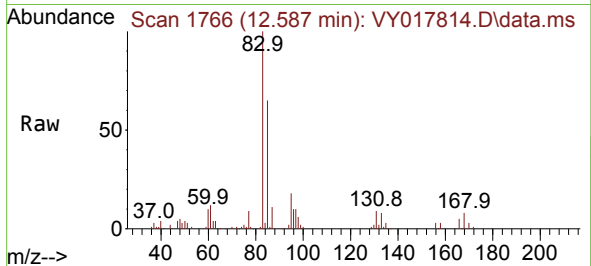




#75
1,1,2,2-Tetrachloroethane
Concen: 19.734 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

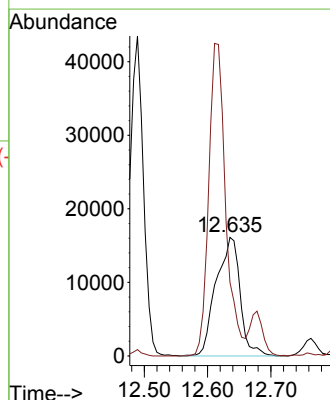
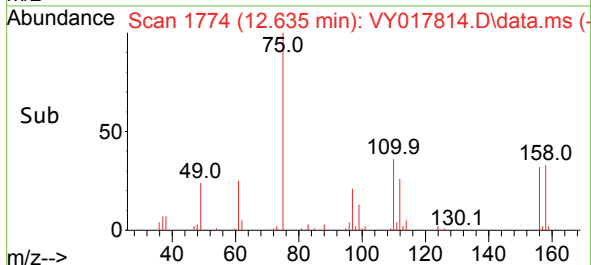
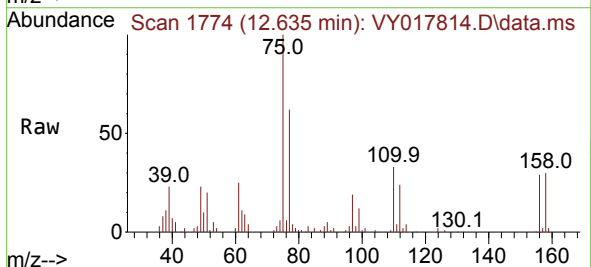
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

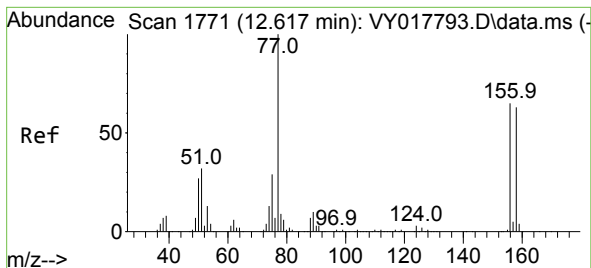
Tgt Ion: 83 Resp: 32710
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 63.6 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 34.094 ug/l
RT: 12.635 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

Tgt Ion: 75 Resp: 42479
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.496 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY017814.D

Acq: 02 Apr 2024 09:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

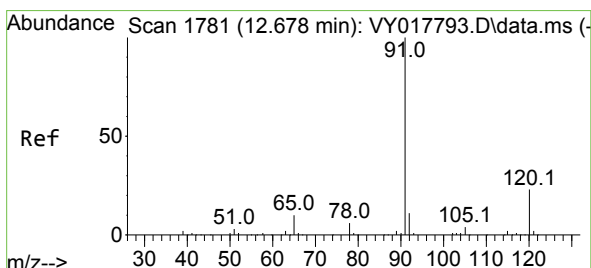
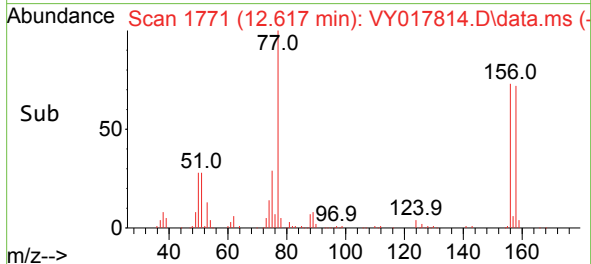
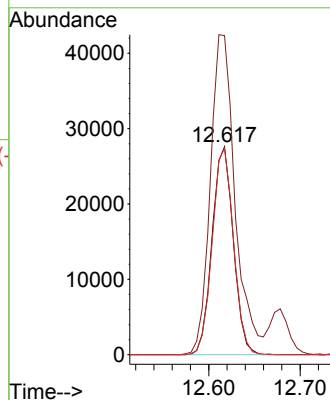
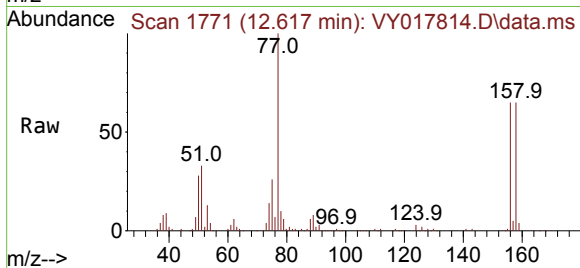
Tgt Ion:156 Resp: 44492

Ion Ratio Lower Upper

156 100

77 179.8 87.1 261.3

158 99.5 48.6 145.9



#78

n-propylbenzene

Concen: 19.488 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VY017814.D

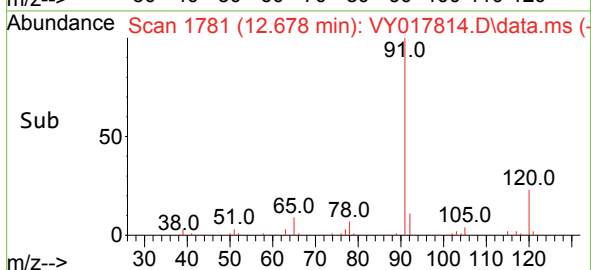
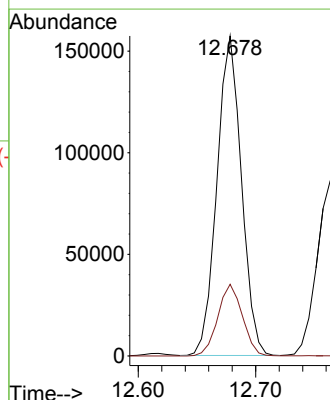
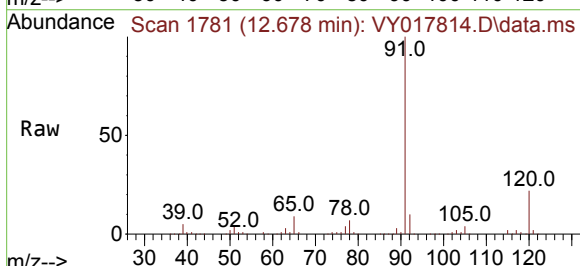
Acq: 02 Apr 2024 09:56

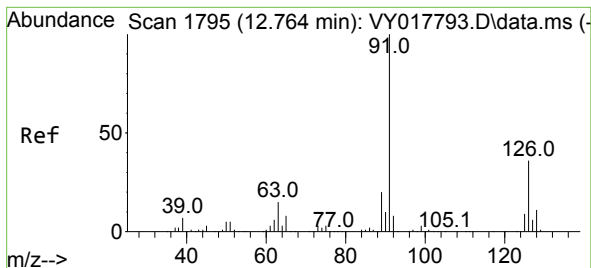
Tgt Ion: 91 Resp: 227852

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.940 ug/l

RT: 12.764 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VY017814.D

Acq: 02 Apr 2024 09:56

Instrument :

MSVOA_Y

ClientSampleId :

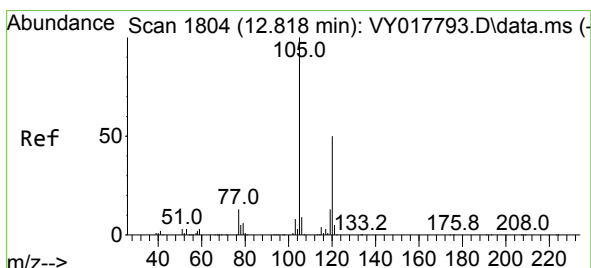
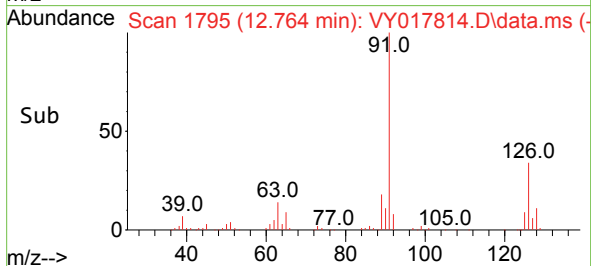
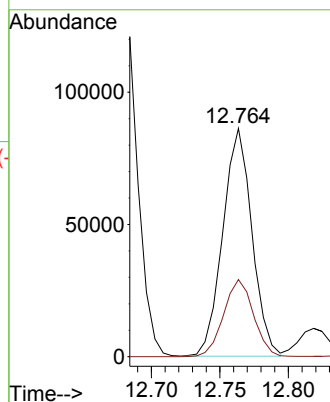
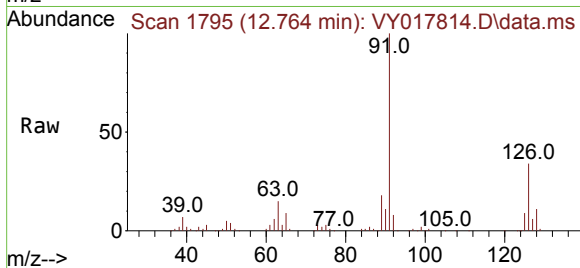
VY0402SBS01

Tgt Ion: 91 Resp: 127705

Ion Ratio Lower Upper

91 100

126 34.7 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 19.512 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. -0.000 min

Lab File: VY017814.D

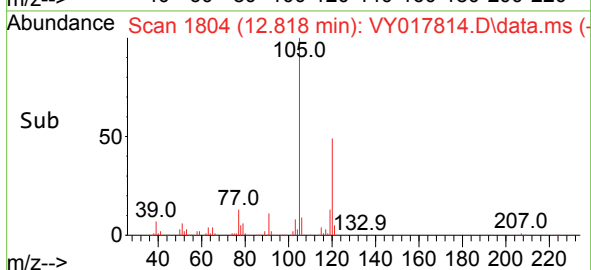
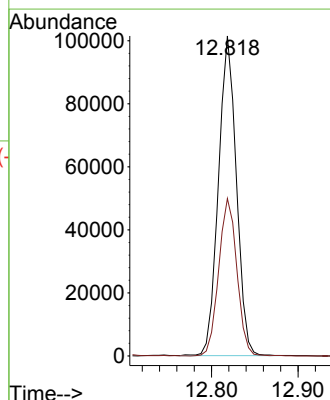
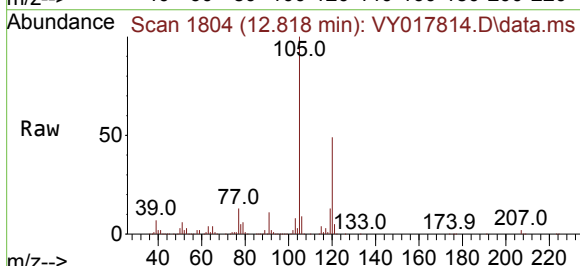
Acq: 02 Apr 2024 09:56

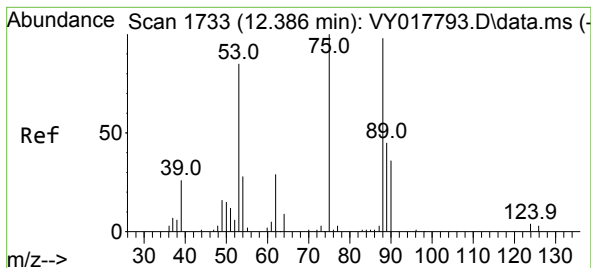
Tgt Ion: 105 Resp: 145913

Ion Ratio Lower Upper

105 100

120 50.0 25.1 75.2

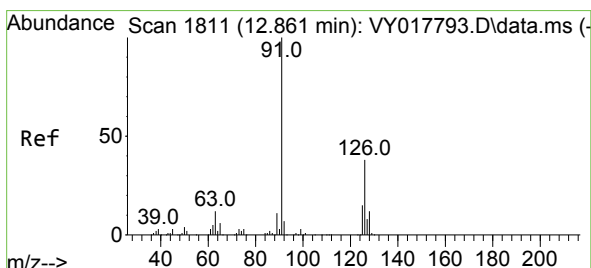
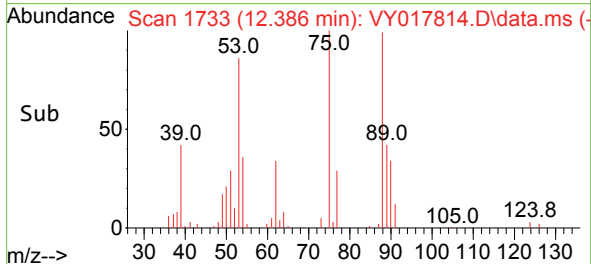
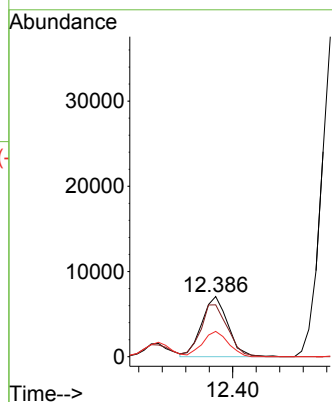
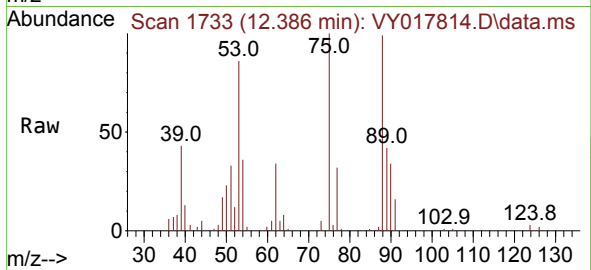




#81
trans-1,4-Dichloro-2-butene
Concen: 22.248 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

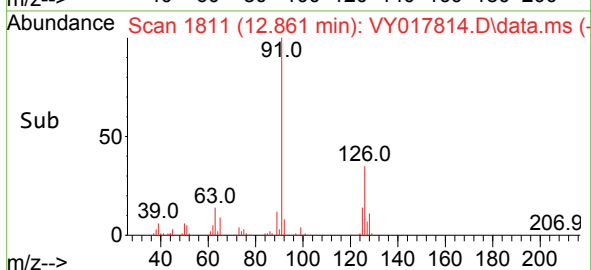
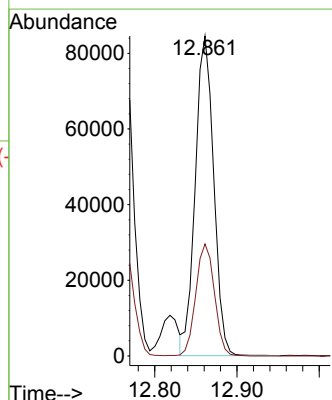
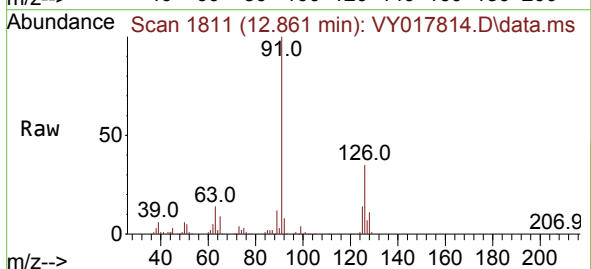
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

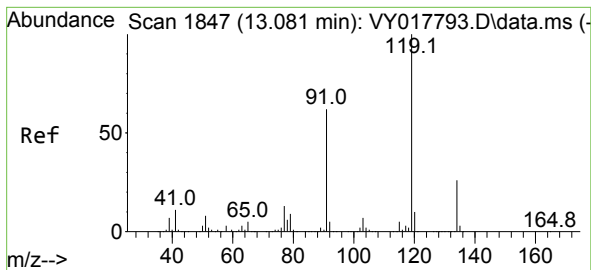
Tgt Ion: 75 Resp: 10869
Ion Ratio Lower Upper
75 100
53 89.6 66.8 100.2
89 41.1 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.779 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

Tgt Ion: 91 Resp: 131161
Ion Ratio Lower Upper
91 100
126 35.6 17.6 52.9





#83

tert-Butylbenzene

Concen: 18.901 ug/l

RT: 13.081 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY017814.D

Acq: 02 Apr 2024 09:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

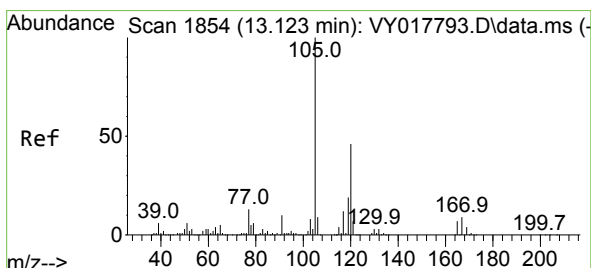
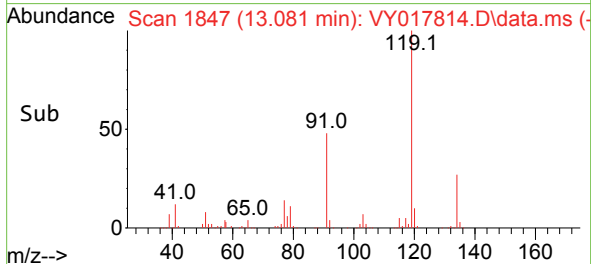
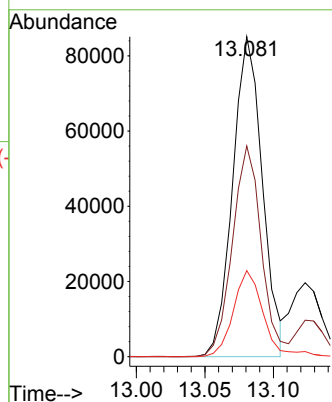
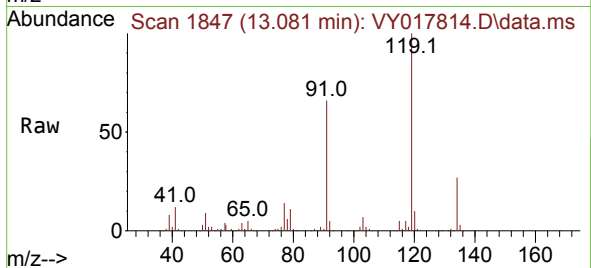
Tgt Ion:119 Resp: 128500

Ion Ratio Lower Upper

119 100

91 64.5 31.3 93.8

134 27.2 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.677 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.006 min

Lab File: VY017814.D

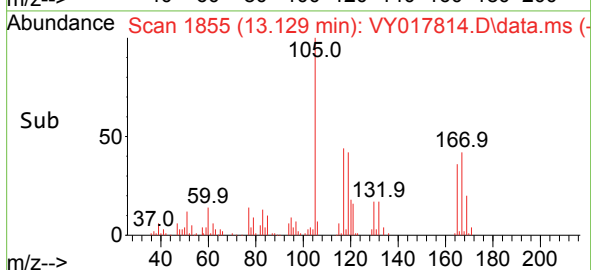
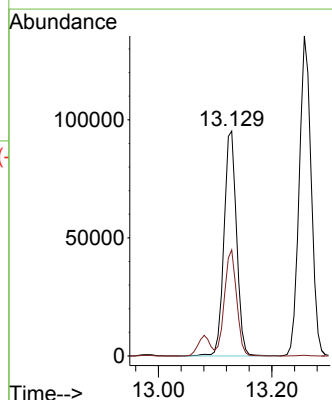
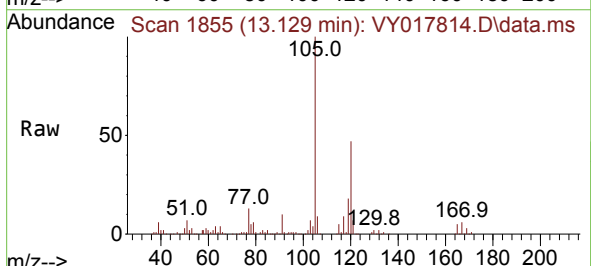
Acq: 02 Apr 2024 09:56

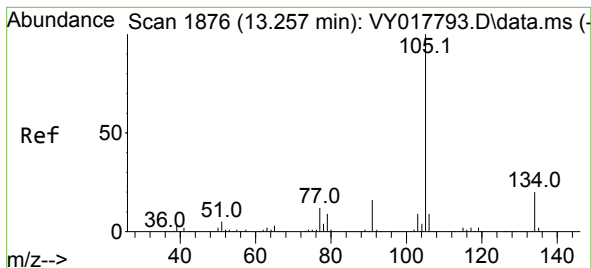
Tgt Ion:105 Resp: 146548

Ion Ratio Lower Upper

105 100

120 45.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.444 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VY017814.D

Acq: 02 Apr 2024 09:56

Instrument :

MSVOA_Y

ClientSampleId :

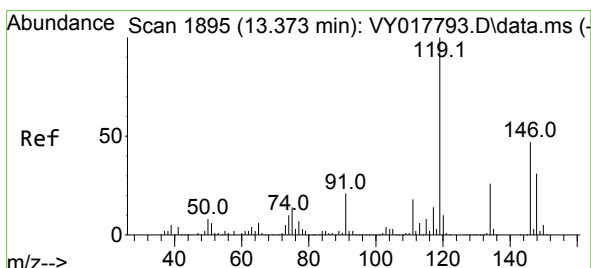
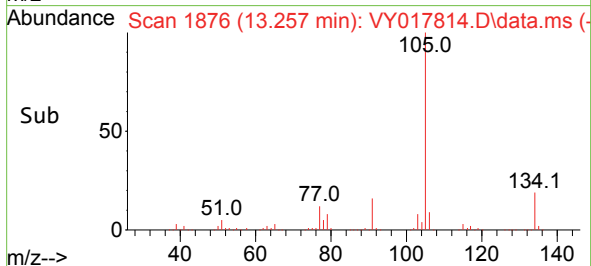
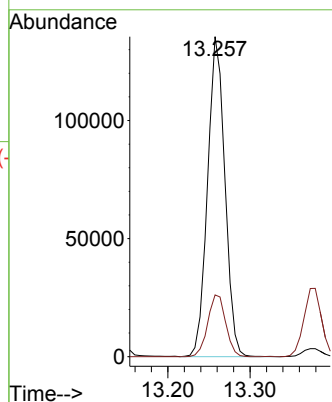
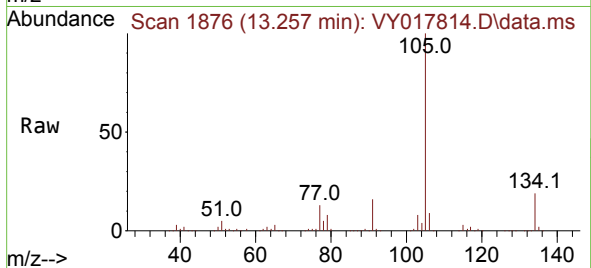
VY0402SBS01

Tgt Ion:105 Resp: 198414

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 18.773 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY017814.D

Acq: 02 Apr 2024 09:56

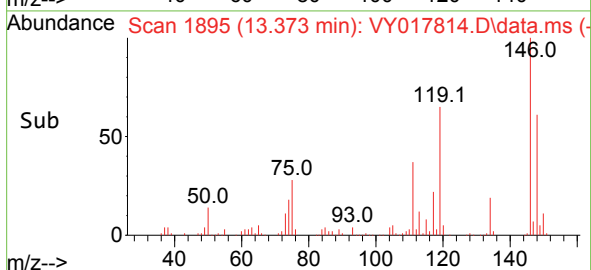
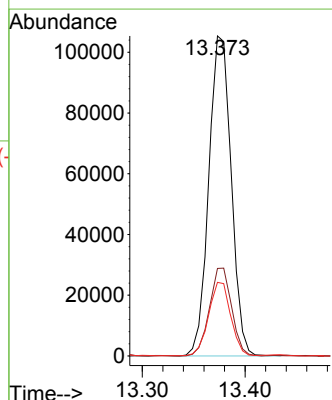
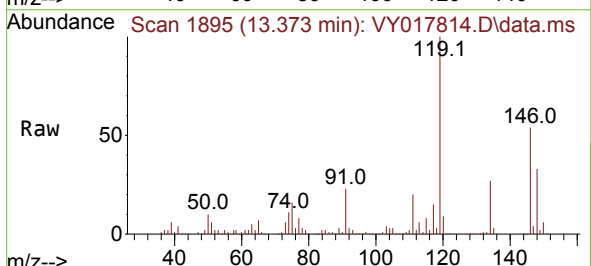
Tgt Ion:119 Resp: 160126

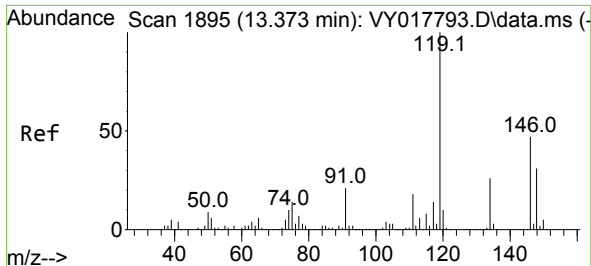
Ion Ratio Lower Upper

119 100

134 27.1 13.1 39.3

91 22.5 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 18.937 ug/l

RT: 13.373 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017814.D

Acq: 02 Apr 2024 09:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

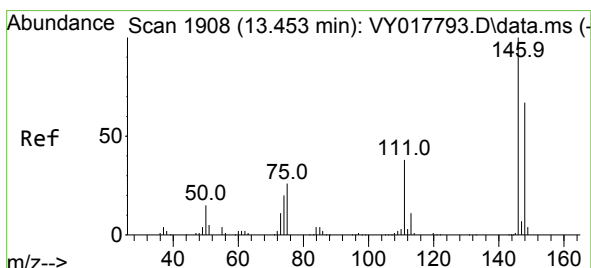
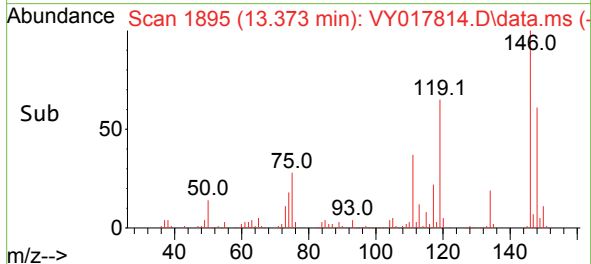
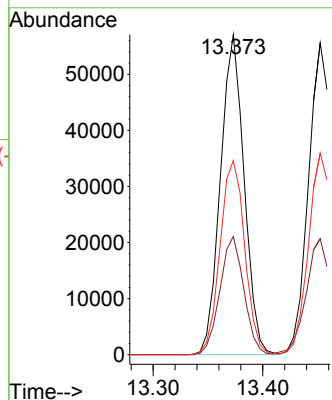
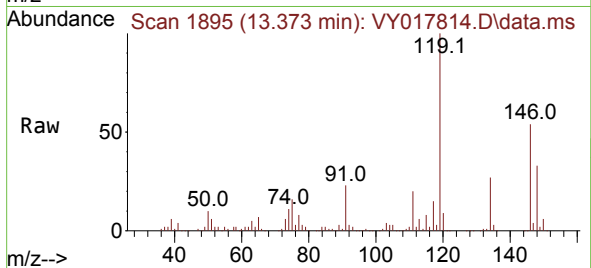
Tgt Ion:146 Resp: 85751

Ion Ratio Lower Upper

146 100

111 37.3 19.0 57.0

148 63.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.588 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY017814.D

Acq: 02 Apr 2024 09:56

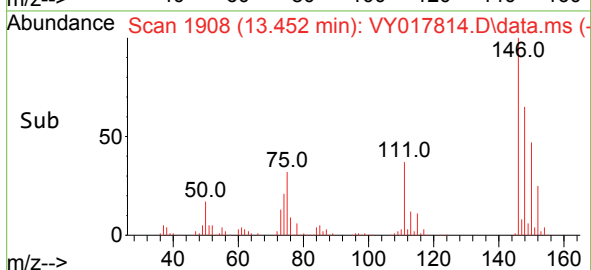
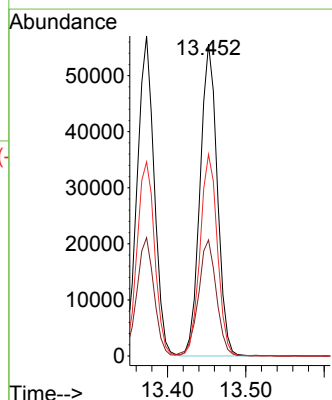
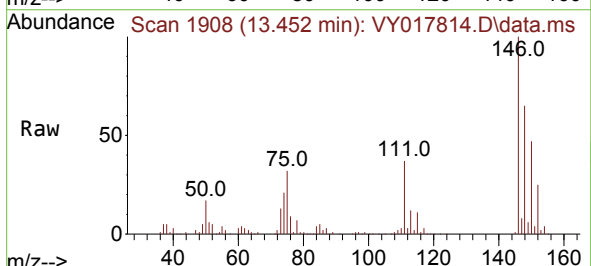
Tgt Ion:146 Resp: 84900

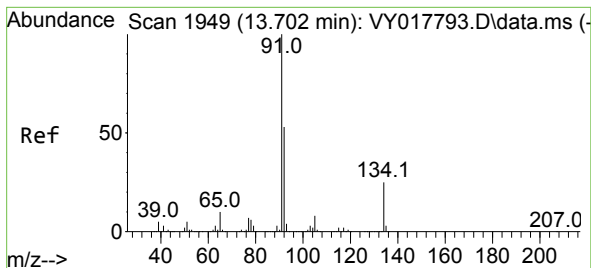
Ion Ratio Lower Upper

146 100

111 38.9 18.4 55.4

148 65.1 32.4 97.2





#89

n-Butylbenzene

Concen: 19.000 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VY017814.D

Acq: 02 Apr 2024 09:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

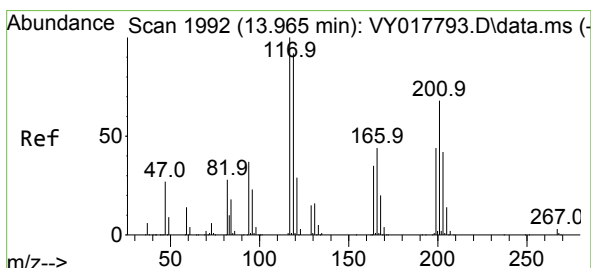
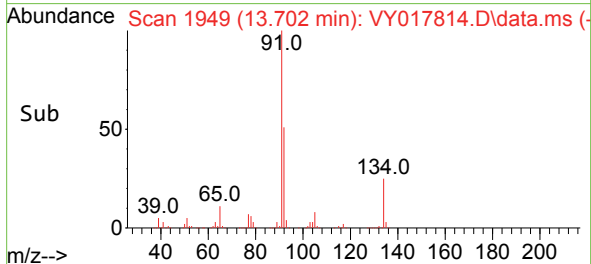
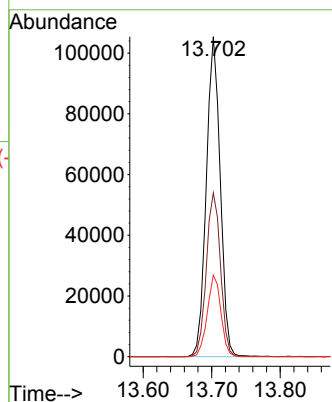
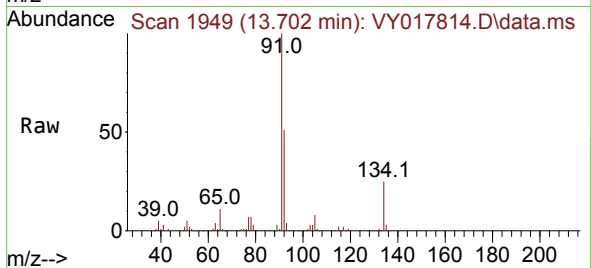
Tgt Ion: 91 Resp: 149098

Ion Ratio Lower Upper

91 100

92 52.1 26.6 79.7

134 25.0 12.9 38.7



#90

Hexachloroethane

Concen: 19.697 ug/l

RT: 13.964 min Scan# 1992

Delta R.T. -0.000 min

Lab File: VY017814.D

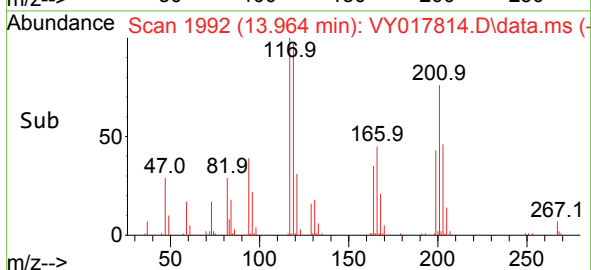
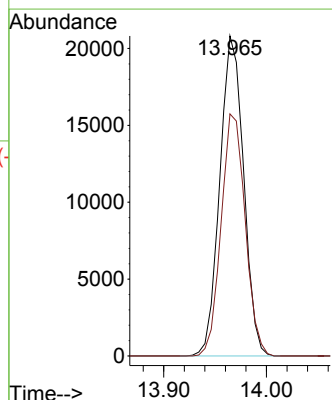
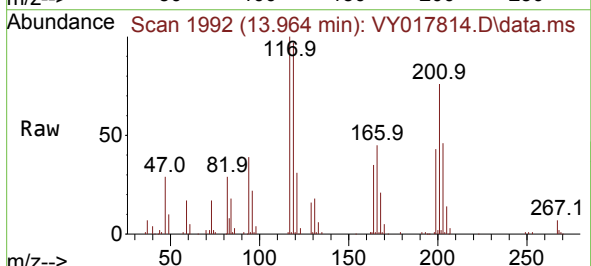
Acq: 02 Apr 2024 09:56

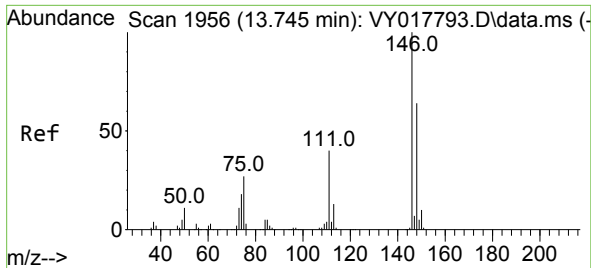
Tgt Ion: 117 Resp: 33407

Ion Ratio Lower Upper

117 100

201 76.5 37.4 112.2

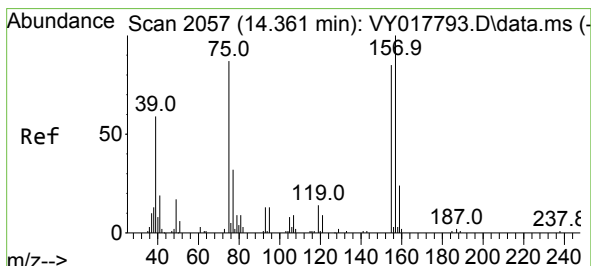
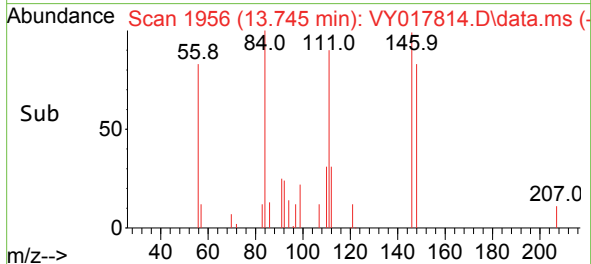
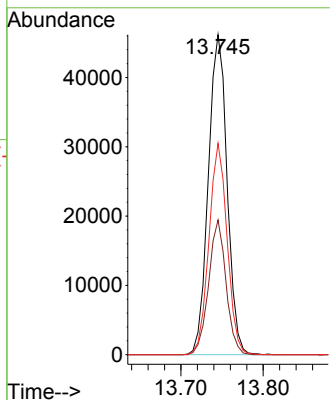
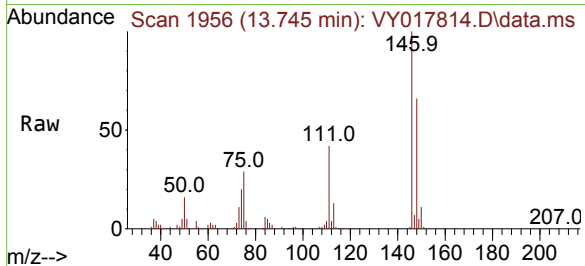




#91
1,2-Dichlorobenzene
Concen: 19.551 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

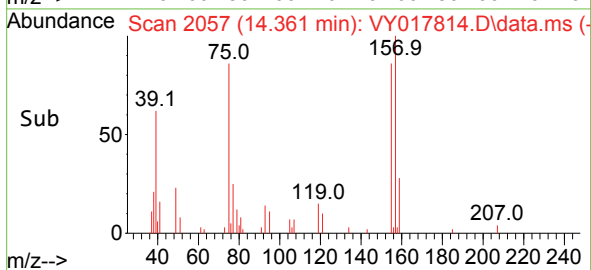
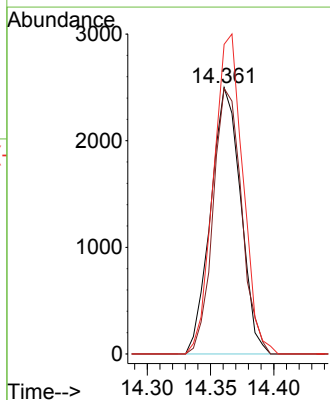
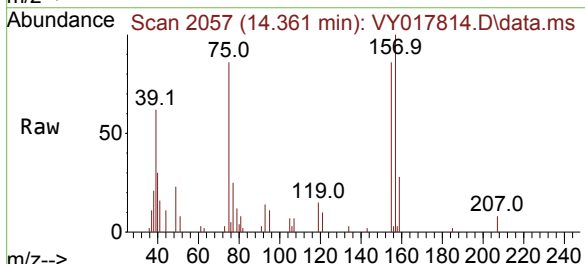
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

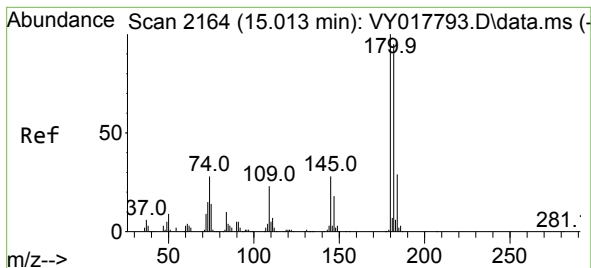
Tgt Ion:	146	Resp:	73386
Ion Ratio	Lower	Upper	
146	100		
111	39.1	19.9	59.7
148	63.9	31.8	95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.345 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY017814.D
Acq: 02 Apr 2024 09:56

Tgt Ion:	75	Resp:	4109
Ion Ratio	Lower	Upper	
75	100		
155	94.8	48.6	145.8
157	117.9	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.448 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY017814.D

Acq: 02 Apr 2024 09:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

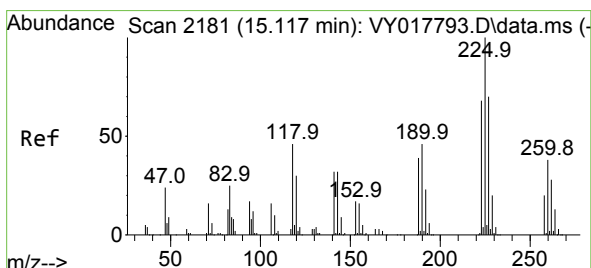
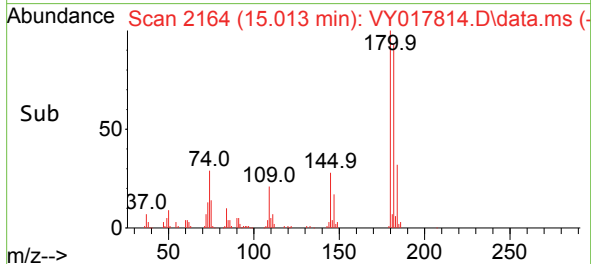
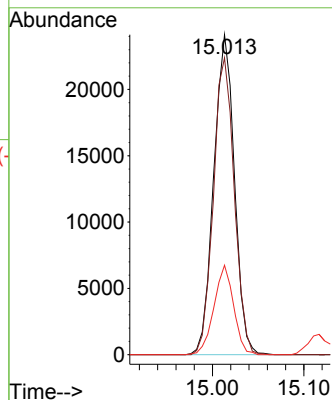
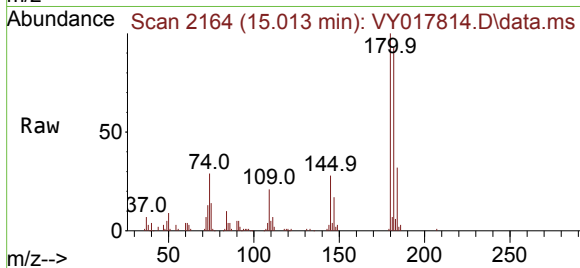
Tgt Ion:180 Resp: 37927

Ion Ratio Lower Upper

180 100

182 93.5 47.9 143.8

145 26.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.892 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.000 min

Lab File: VY017814.D

Acq: 02 Apr 2024 09:56

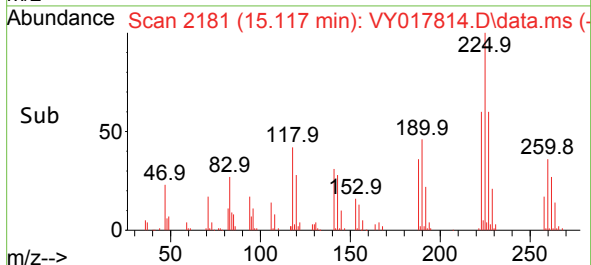
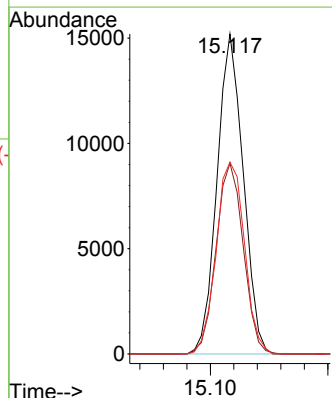
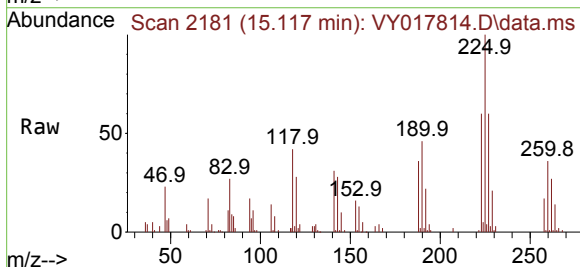
Tgt Ion:225 Resp: 23545

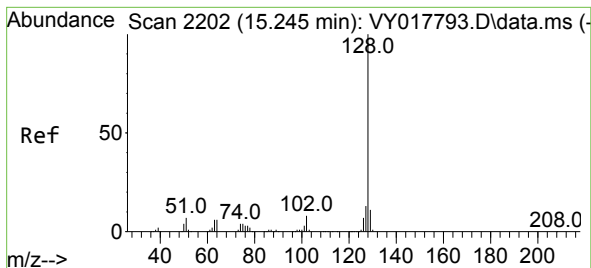
Ion Ratio Lower Upper

225 100

223 61.7 30.4 91.2

227 64.7 31.9 95.9





#95

Naphthalene

Concen: 19.658 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017814.D

Acq: 02 Apr 2024 09:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

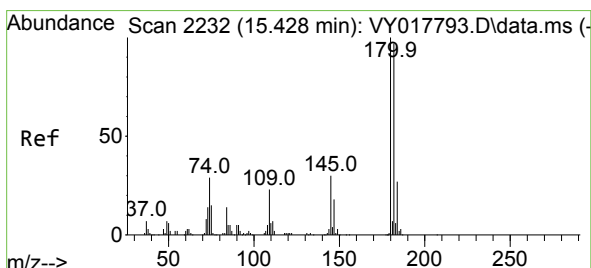
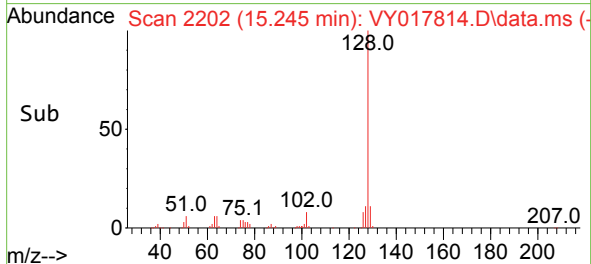
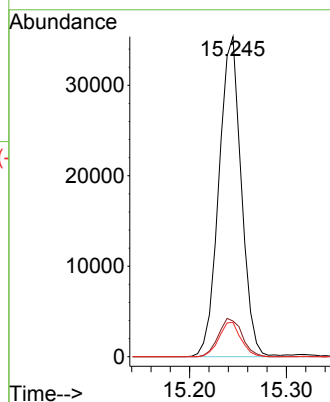
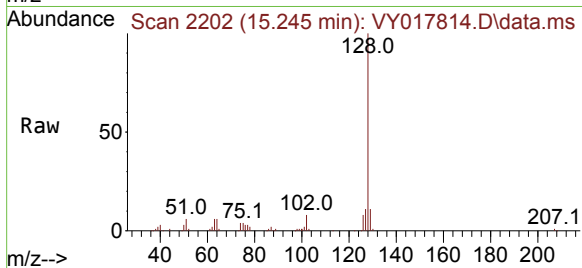
Tgt Ion:128 Resp: 56846

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.104 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY017814.D

Acq: 02 Apr 2024 09:56

Tgt Ion:180 Resp: 31440

Ion Ratio Lower Upper

180 100

182 94.6 47.6 142.9

145 29.8 15.4 46.1

