

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082924\
 Data File : VY019373.D
 Acq On : 29 Aug 2024 15:40
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 30 02:10:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	130061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	198856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	171963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	67717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	62166	50.463	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.920%	
35) Dibromofluoromethane	7.628	113	64487	51.293	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.580%	
50) Toluene-d8	10.103	98	244019	52.725	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.460%	
62) 4-Bromofluorobenzene	12.402	95	68938	46.053	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 92.100%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	49392	46.606	ug/l	99
3) Chloromethane	2.068	50	79310	46.000	ug/l	99
4) Vinyl Chloride	2.196	62	94586	47.814	ug/l	99
5) Bromomethane	2.586	94	62438	49.102	ug/l	97
6) Chloroethane	2.726	64	52317	43.424	ug/l	97
7) Trichlorofluoromethane	3.043	101	129369	55.247	ug/l	98
8) Diethyl Ether	3.446	74	27213	49.206	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.806	101	65673	49.403	ug/l	97
10) Methyl Iodide	3.995	142	69889	53.936	ug/l	92
11) Tert butyl alcohol	4.836	59	16612	239.262	ug/l #	77
12) 1,1-Dichloroethene	3.781	96	60074	49.552	ug/l	99
13) Acrolein	3.635	56	19287	238.202	ug/l	100
14) Allyl chloride	4.373	41	84187	50.297	ug/l	91
15) Acrylonitrile	5.043	53	55179	244.226	ug/l	98
16) Acetone	3.854	43	62974	259.898	ug/l #	84
17) Carbon Disulfide	4.092	76	175905	50.259	ug/l	99
18) Methyl Acetate	4.373	43	24639	46.061	ug/l	95
19) Methyl tert-butyl Ether	5.098	73	135121	48.887	ug/l	94
20) Methylene Chloride	4.598	84	69388	51.818	ug/l	97
21) trans-1,2-Dichloroethene	5.098	96	67097	48.592	ug/l	96
22) Diisopropyl ether	6.006	45	184367	48.960	ug/l	95
23) Vinyl Acetate	5.945	43	513805	245.145	ug/l	95
24) 1,1-Dichloroethane	5.903	63	111115	48.827	ug/l	98
25) 2-Butanone	6.878	43	84114	259.528	ug/l	92
26) 2,2-Dichloropropane	6.872	77	99218	50.055	ug/l	96
27) cis-1,2-Dichloroethene	6.878	96	76867	48.618	ug/l	96
28) Bromochloromethane	7.232	49	40988	43.838	ug/l	94
29) Tetrahydrofuran	7.244	42	47231	242.538	ug/l	93
30) Chloroform	7.409	83	123749	48.576	ug/l	100
31) Cyclohexane	7.689	56	99511	47.501	ug/l	98
32) 1,1,1-Trichloroethane	7.604	97	117963	49.896	ug/l	96
36) 1,1-Dichloropropene	7.829	75	90560	50.971	ug/l	99
37) Ethyl Acetate	6.970	43	34689	49.325	ug/l	96
38) Carbon Tetrachloride	7.811	117	111019	51.268	ug/l	98
39) Methylcyclohexane	9.103	83	119688	52.533	ug/l	97
40) Benzene	8.073	78	266978	49.376	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.244	41	47838	107.773	ug/l #	27
42) 1,2-Dichloroethane	8.146	62	69118	48.168	ug/l	95
43) Isopropyl Acetate	8.189	43	67561	49.225	ug/l #	81
44) Trichloroethene	8.860	130	75300	50.705	ug/l	96
45) 1,2-Dichloropropane	9.134	63	57324	48.916	ug/l	100
46) Dibromomethane	9.225	93	33675	47.771	ug/l	99
47) Bromodichloromethane	9.420	83	91956	49.394	ug/l	95
48) Methyl methacrylate	9.213	41	33039	50.916	ug/l	84
49) 1,4-Dioxane	9.219	88	7607	984.975	ug/l #	94
51) 4-Methyl-2-Pentanone	9.993	43	180514	251.167	ug/l	92
52) Toluene	10.170	92	179799	50.723	ug/l	95
53) t-1,3-Dichloropropene	10.390	75	79216	51.517	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	89861	49.354	ug/l #	89
55) 1,1,2-Trichloroethane	10.567	97	45038	50.086	ug/l	95
56) Ethyl methacrylate	10.438	69	59098	50.591	ug/l #	82
57) 1,3-Dichloropropane	10.713	76	72240	49.178	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	128014	244.441	ug/l	95
59) 2-Hexanone	10.756	43	127793	268.137	ug/l	88
60) Dibromochloromethane	10.908	129	61602	50.248	ug/l	99
61) 1,2-Dibromoethane	11.012	107	40603	49.013	ug/l	100
64) Tetrachloroethene	10.646	164	81763	48.681	ug/l	98
65) Chlorobenzene	11.438	112	190260	49.453	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	65745	49.281	ug/l	98
67) Ethyl Benzene	11.518	91	348347	51.788	ug/l	96
68) m/p-Xylenes	11.627	106	279797	105.133	ug/l	99
69) o-Xylene	11.950	106	129210	52.124	ug/l	99
70) Styrene	11.969	104	220177	54.281	ug/l	98
71) Bromoform	12.127	173	34597	48.789	ug/l #	99
73) Isopropylbenzene	12.255	105	309639	57.345	ug/l	99
74) N-amyl acetate	12.066	43	65770	63.345	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.505	83	41089	51.202	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	51850	86.926	ug/l #	100
77) Bromobenzene	12.530	156	65707	51.648	ug/l	93
78) n-propylbenzene	12.597	91	351059	53.810	ug/l	99
79) 2-Chlorotoluene	12.676	91	186339	51.267	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	214301	50.373	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	12852	53.468	ug/l	91
82) 4-Chlorotoluene	12.773	91	179005	48.684	ug/l	98
83) tert-Butylbenzene	12.993	119	205212	52.740	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	214151	52.431	ug/l	100
85) sec-Butylbenzene	13.176	105	303306	53.188	ug/l	99
86) p-Isopropyltoluene	13.292	119	248180	53.428	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	121537	51.931	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	116168	49.748	ug/l	99
89) n-Butylbenzene	13.615	91	220481	51.659	ug/l	99
90) Hexachloroethane	13.877	117	48095	51.075	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	102070	49.413	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4870	43.623	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	65066	61.306	ug/l	99
94) Hexachlorobutadiene	15.023	225	41599	54.149	ug/l	98
95) Naphthalene	15.145	128	105161	60.513	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	54386	59.892	ug/l	99

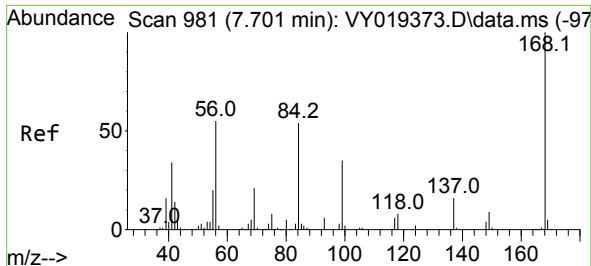
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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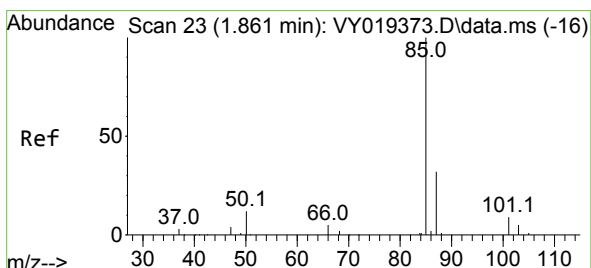
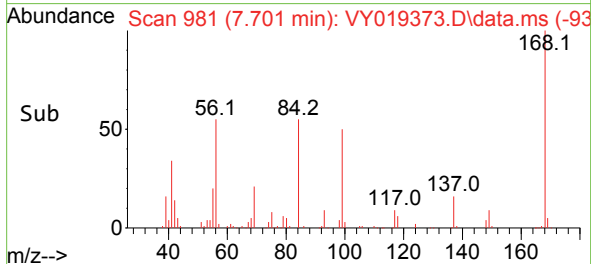
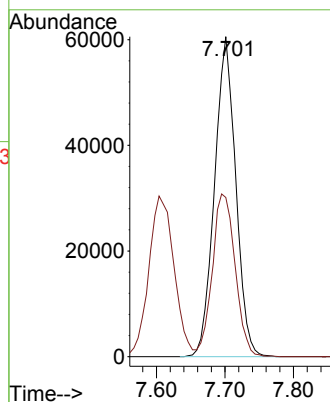
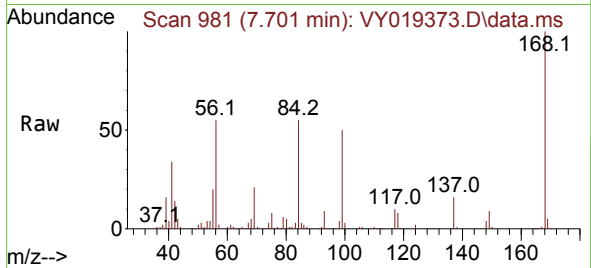
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

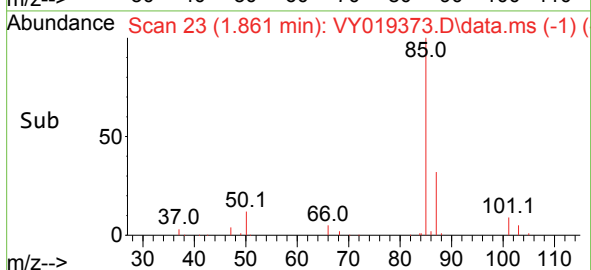
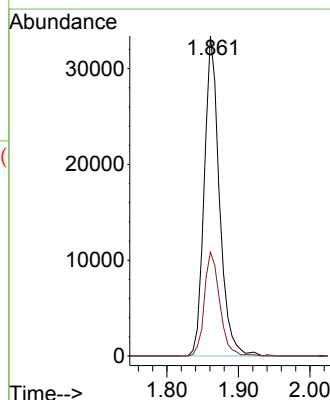
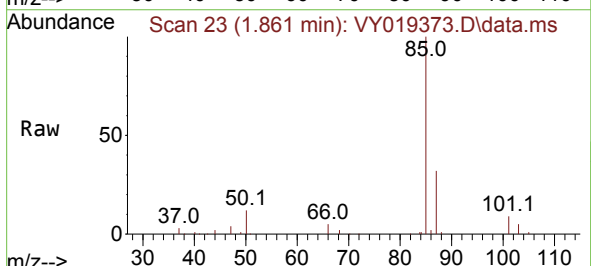
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MSVOA_Y
ClientSampleId :

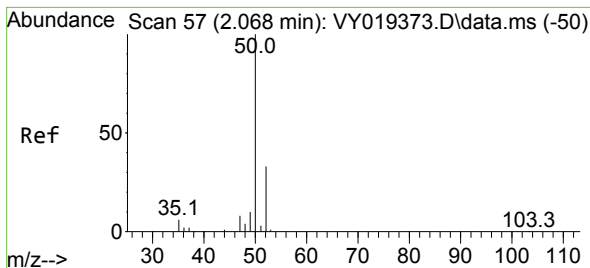
Tgt Ion:168 Resp: 130061
Ion Ratio Lower Upper
168 100
99 49.8 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 46.606 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

Tgt Ion: 85 Resp: 49392
Ion Ratio Lower Upper
85 100
87 32.4 16.0 48.0





#3

Chloromethane

Concen: 46.000 ug/l

RT: 2.068 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

Instrument :

MSVOA_Y

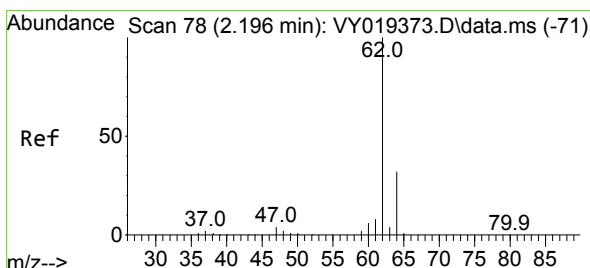
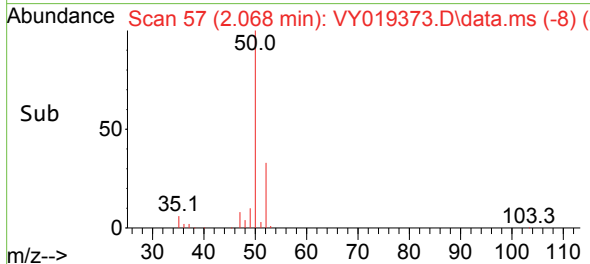
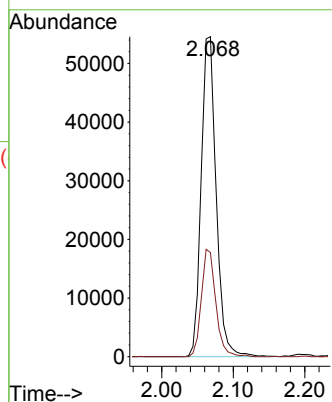
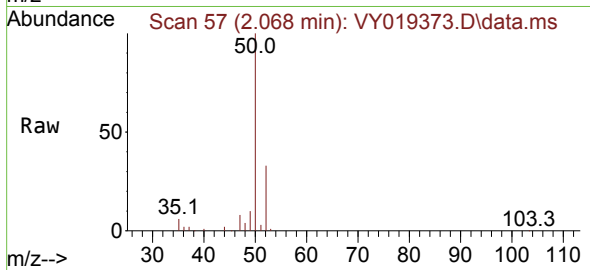
ClientSampleId :

Tgt Ion: 50 Resp: 79310

Ion Ratio Lower Upper

50 100

52 32.6 25.6 38.4



#4

Vinyl Chloride

Concen: 47.814 ug/l

RT: 2.196 min Scan# 78

Delta R.T. 0.000 min

Lab File: VY019373.D

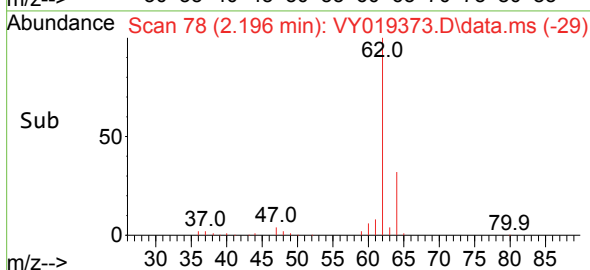
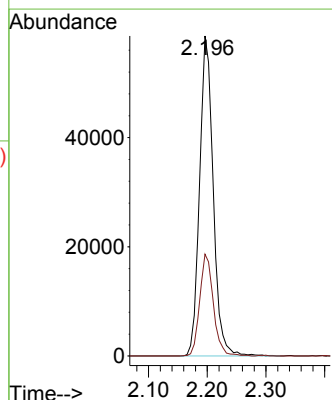
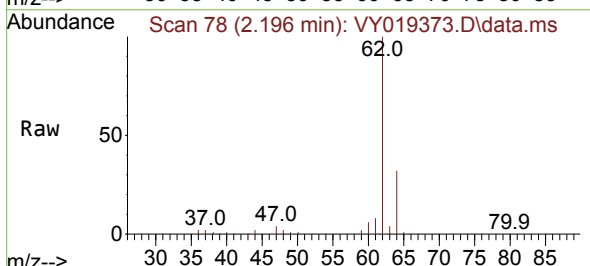
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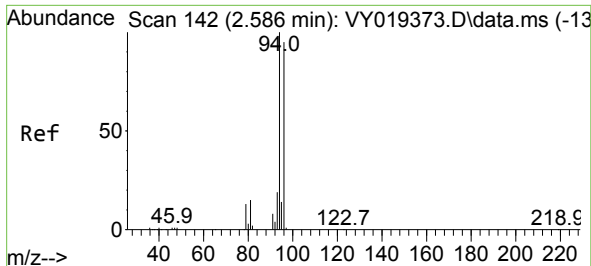
Tgt Ion: 62 Resp: 94586

Ion Ratio Lower Upper

62 100

64 31.8 26.1 39.1

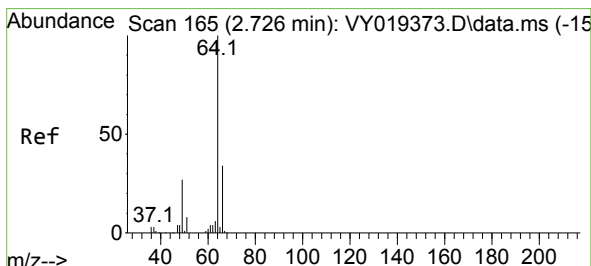
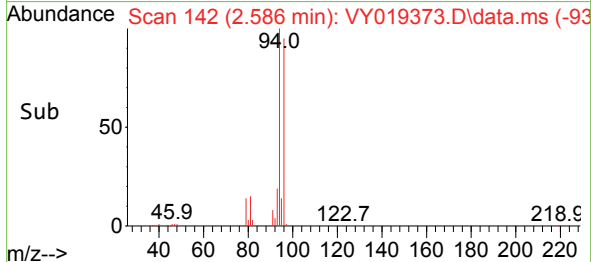
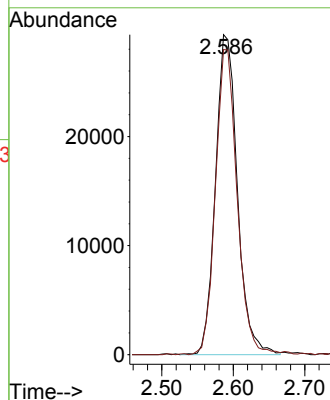
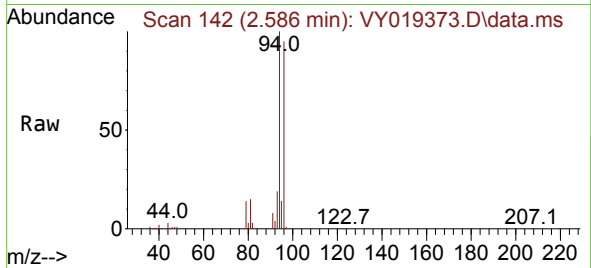




#5
Bromomethane
Concen: 49.102 ug/l
RT: 2.586 min Scan# 142
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

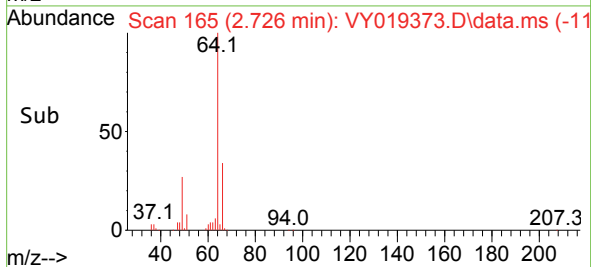
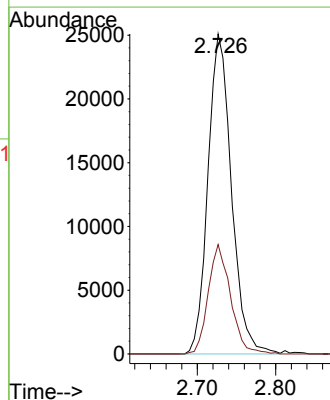
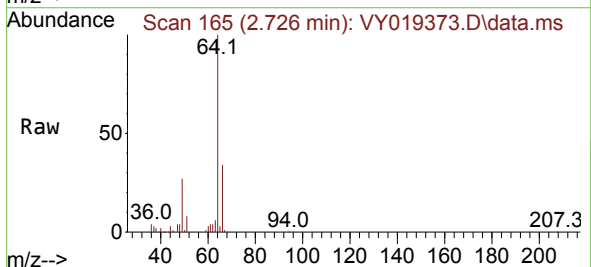
Instrument :
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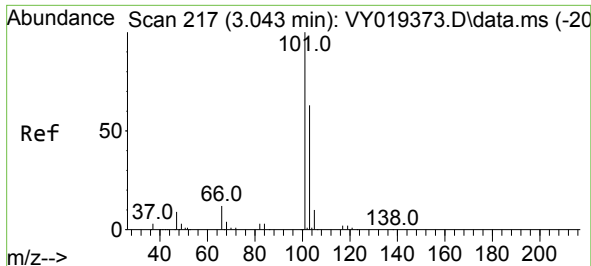
Tgt Ion: 94 Resp: 62438
Ion Ratio Lower Upper
94 100
96 95.2 74.1 111.1



#6
Chloroethane
Concen: 43.424 ug/l
RT: 2.726 min Scan# 165
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

Tgt Ion: 64 Resp: 52317
Ion Ratio Lower Upper
64 100
66 34.2 26.1 39.1

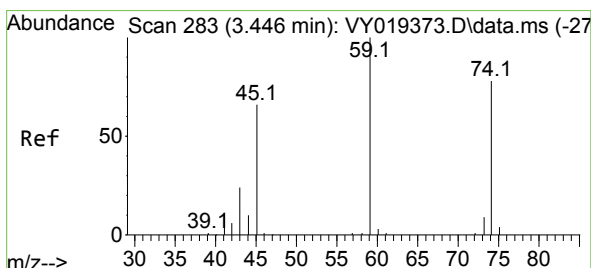
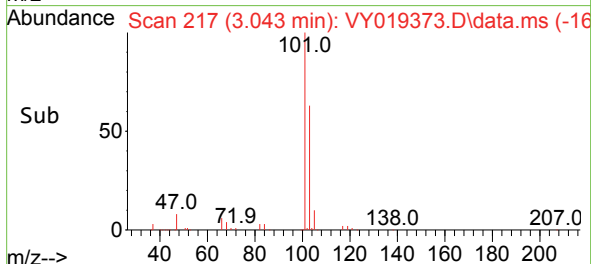
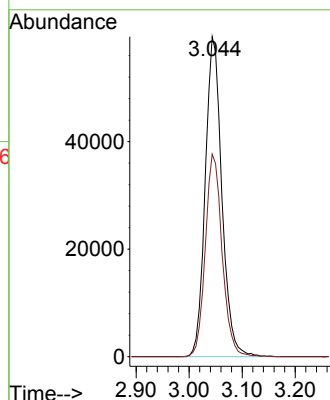
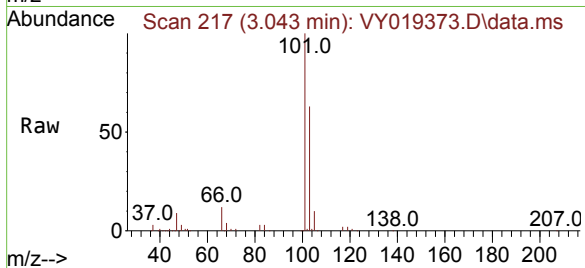




#7
 Trichlorofluoromethane
 Concen: 55.247 ug/l
 RT: 3.043 min Scan# 217
 Delta R.T. 0.000 min
 Lab File: VY019373.D
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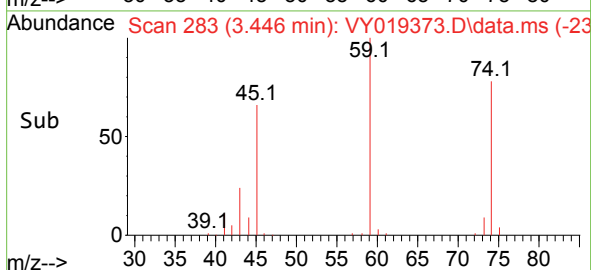
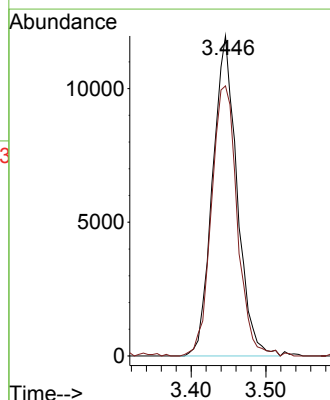
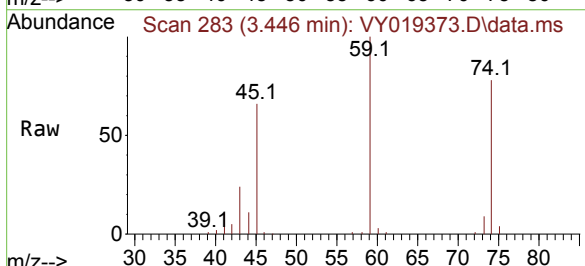
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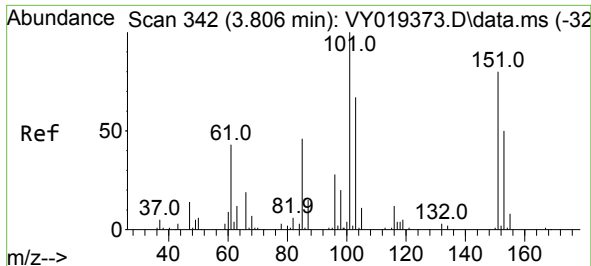
Tgt Ion:101 Resp: 129369
 Ion Ratio Lower Upper
 101 100
 103 63.3 49.3 73.9



#8
 Diethyl Ether
 Concen: 49.206 ug/l
 RT: 3.446 min Scan# 283
 Delta R.T. 0.000 min
 Lab File: VY019373.D
 Acq: 29 Aug 2024 15:40

Tgt Ion: 74 Resp: 27213
 Ion Ratio Lower Upper
 74 100
 45 89.2 41.3 124.1

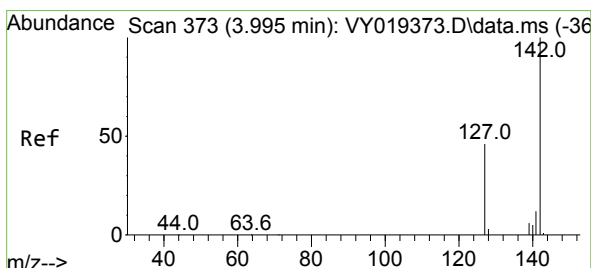
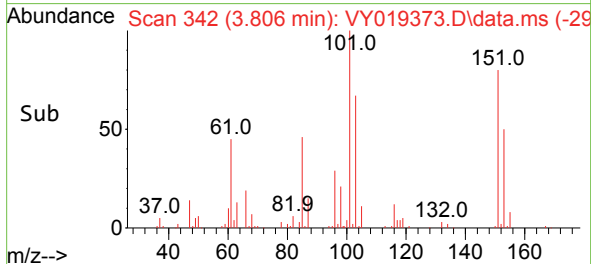
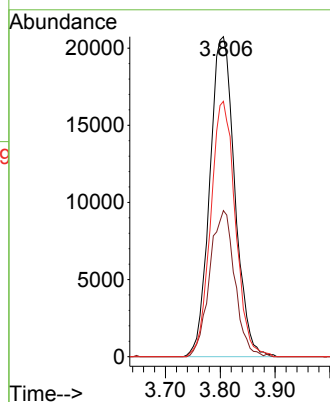
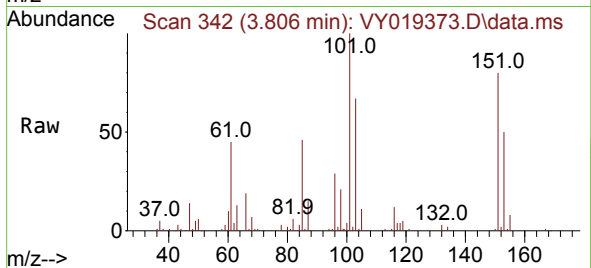




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.403 ug/l
 RT: 3.806 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VY019373.D
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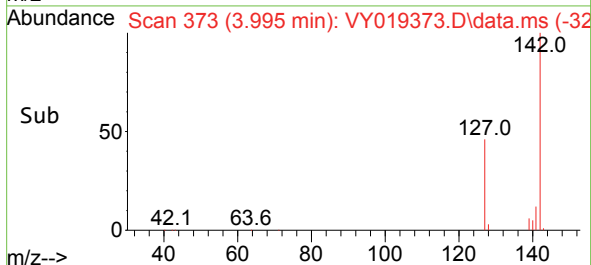
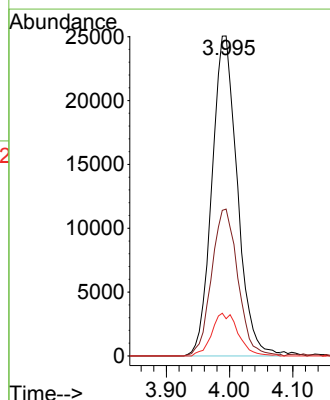
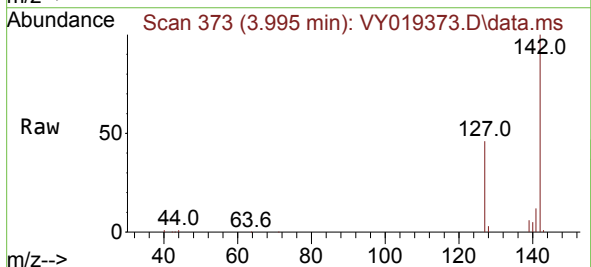
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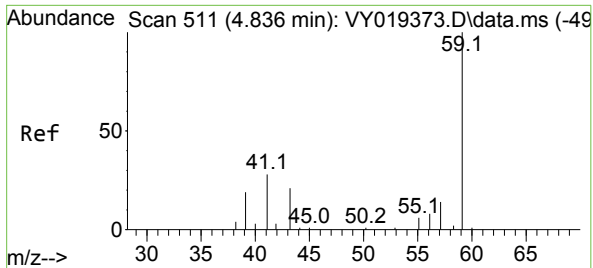
Tgt Ion:101 Resp: 65673
 Ion Ratio Lower Upper
 101 100
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 151 78.8 61.7 92.5



#10
 Methyl Iodide
 Concen: 53.936 ug/l
 RT: 3.995 min Scan# 373
 Delta R.T. 0.000 min
 Lab File: VY019373.D
 Acq: 29 Aug 2024 15:40

Tgt Ion:142 Resp: 69889
 Ion Ratio Lower Upper
 142 100
 127 47.6 32.8 49.2
 141 14.0 11.4 17.2

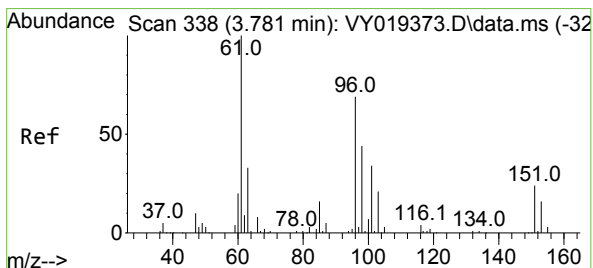
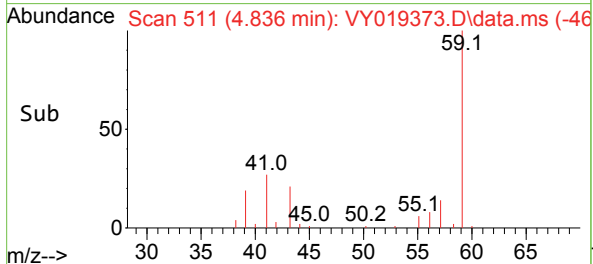
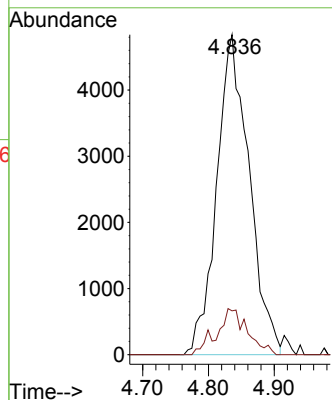
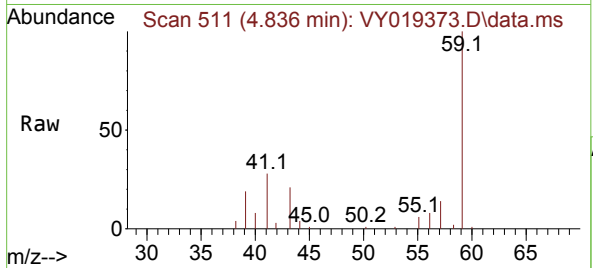




#11
Tert butyl alcohol
Concen: 239.262 ug/l
RT: 4.836 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

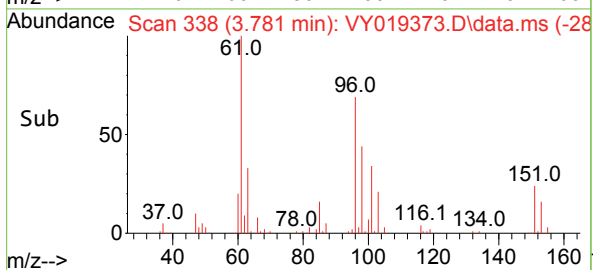
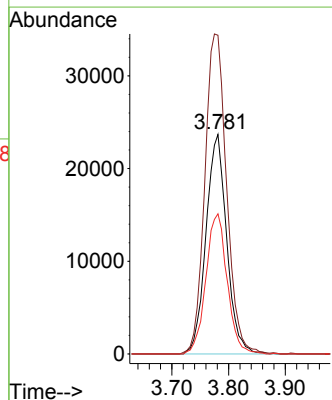
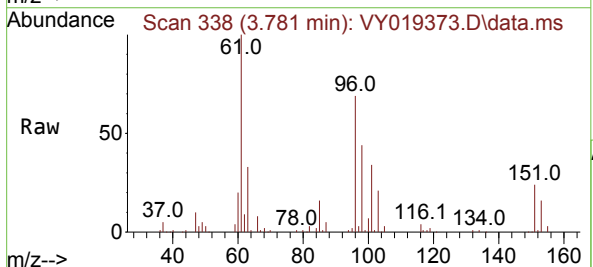
Instrument :
MSVOA_Y
ClientSampleId :

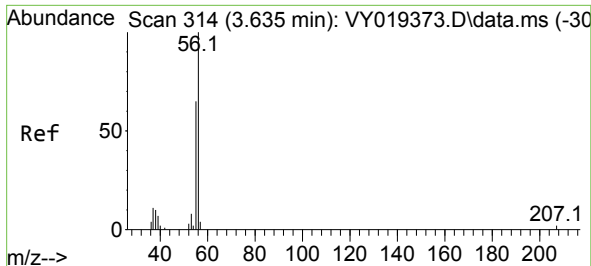
Tgt Ion: 59 Resp: 16612
Ion Ratio Lower Upper
59 100
57 11.5 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 49.552 ug/l
RT: 3.781 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

Tgt Ion: 96 Resp: 60074
Ion Ratio Lower Upper
96 100
61 145.1 114.6 171.8
98 63.8 50.8 76.2

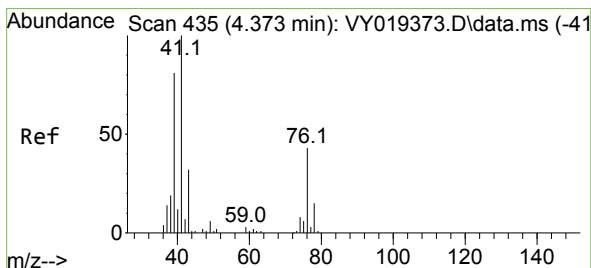
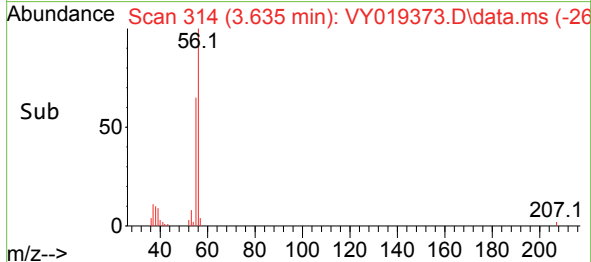
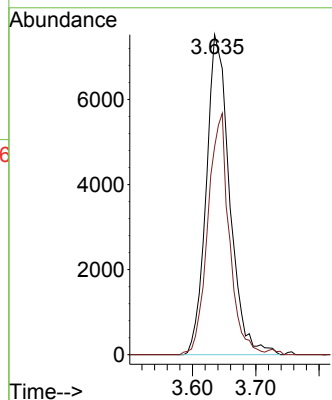
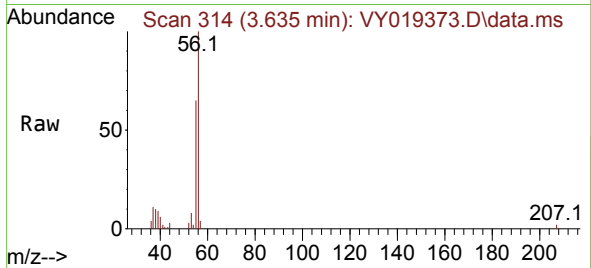




#13
Acrolein
Concen: 238.202 ug/l
RT: 3.635 min Scan# 314
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

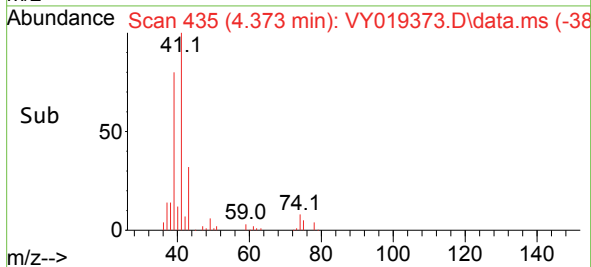
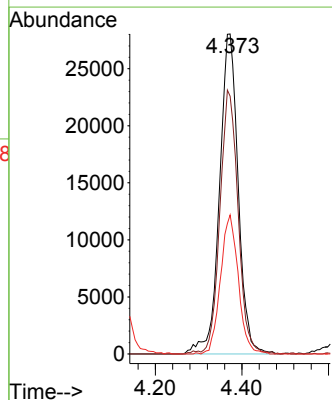
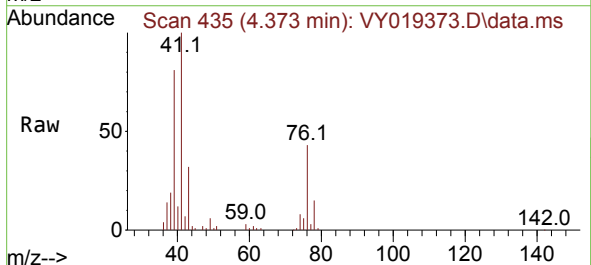
Instrument :
MSVOA_Y
ClientSampleId :

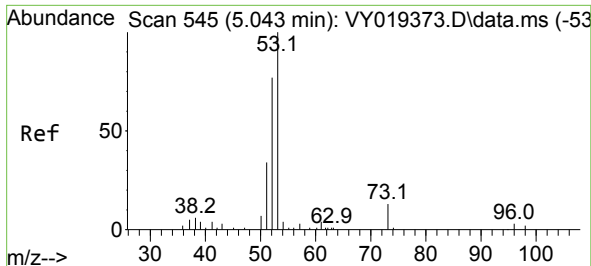
Tgt Ion: 56 Resp: 19287
Ion Ratio Lower Upper
56 100
55 69.2 55.7 83.5



#14
Allyl chloride
Concen: 50.297 ug/l
RT: 4.373 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

Tgt Ion: 41 Resp: 84187
Ion Ratio Lower Upper
41 100
39 80.1 58.3 87.5
76 41.4 39.0 58.6





#15

Acrylonitrile

Concen: 244.226 ug/l

RT: 5.043 min Scan# 54

Delta R.T. 0.000 min

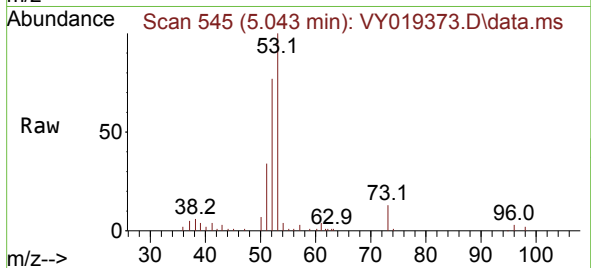
Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

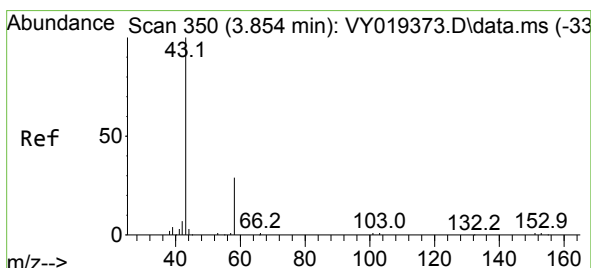
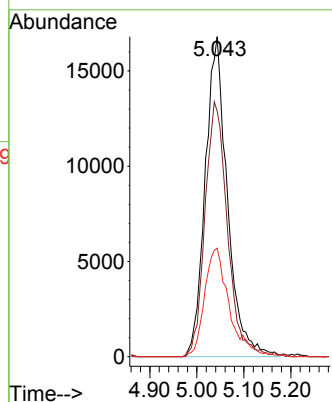
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	53	Resp:	55179
Ion	Ratio	Lower	Upper
53	100		
52	80.2	64.7	97.1
51	37.5	28.4	42.6



#16

Acetone

Concen: 259.898 ug/l

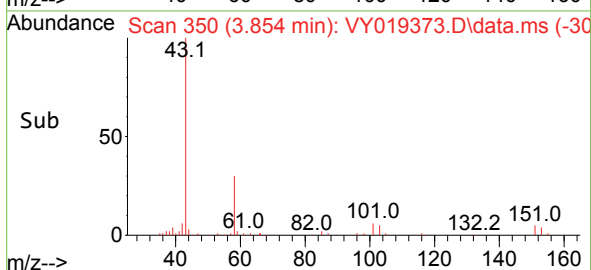
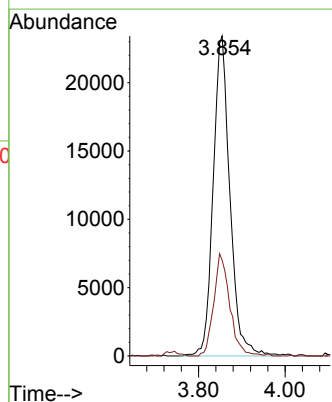
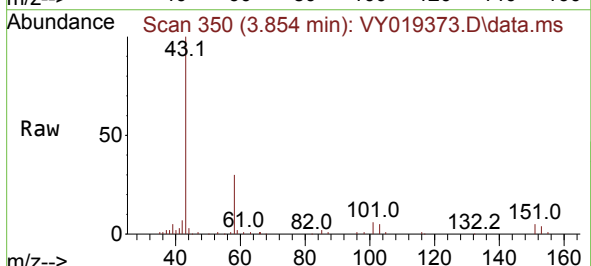
RT: 3.854 min Scan# 350

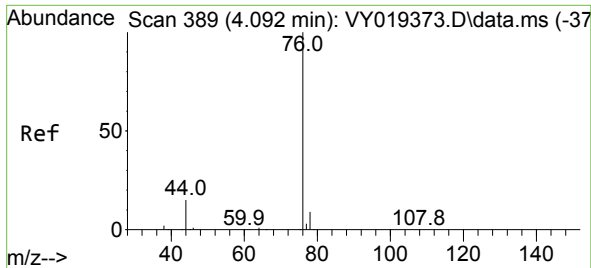
Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

Tgt Ion:	43	Resp:	62974
Ion	Ratio	Lower	Upper
43	100		
58	29.9	31.7	47.5#

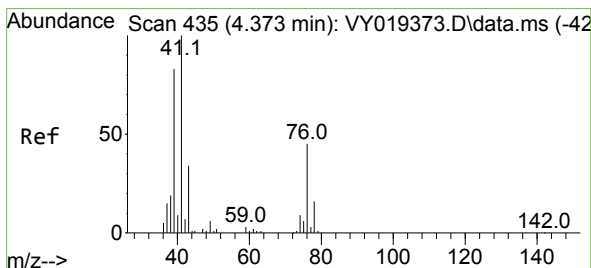
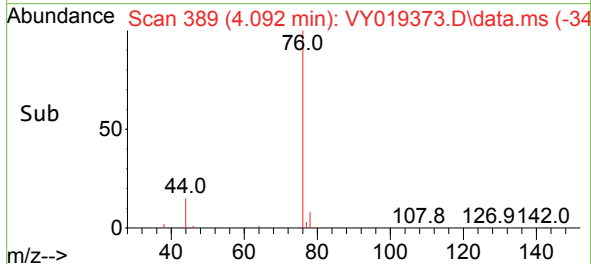
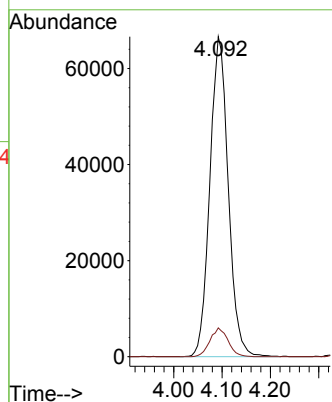
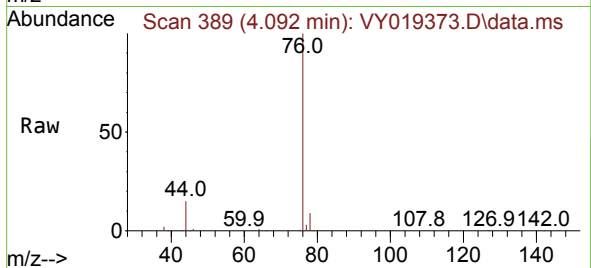




#17
Carbon Disulfide
Concen: 50.259 ug/l
RT: 4.092 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

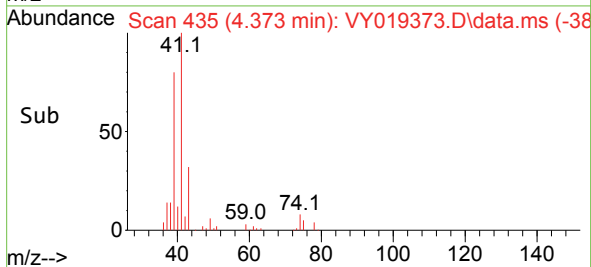
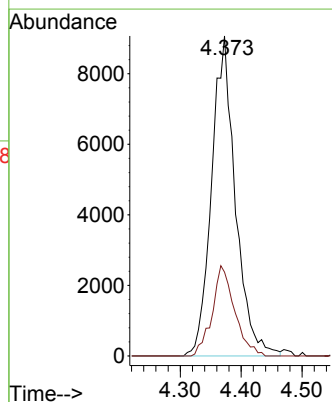
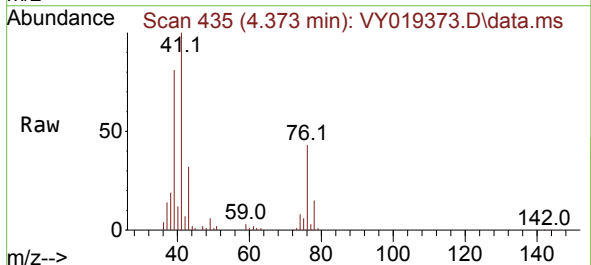
Instrument :
MSVOA_Y
ClientSampleId :

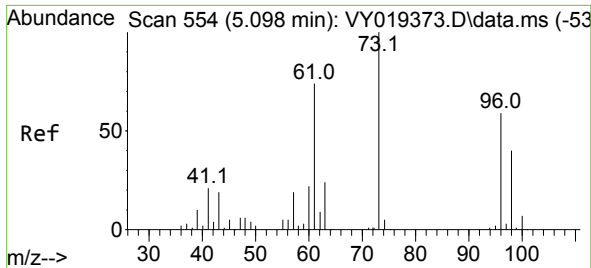
Tgt Ion: 76 Resp: 175905
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 46.061 ug/l
RT: 4.373 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

Tgt Ion: 43 Resp: 24639
Ion Ratio Lower Upper
43 100
74 26.5 23.3 34.9

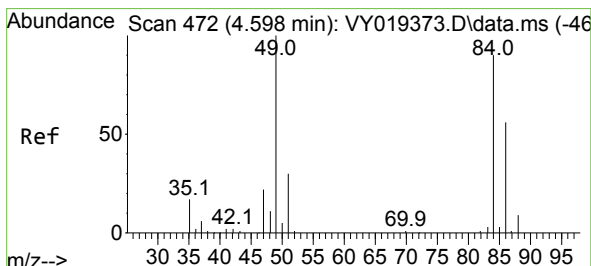
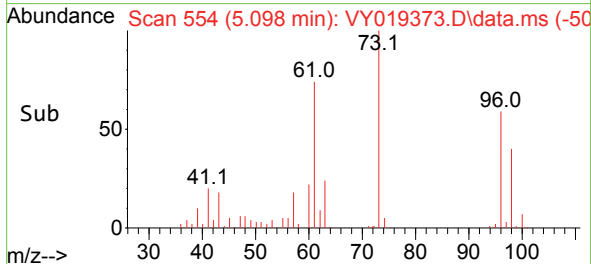
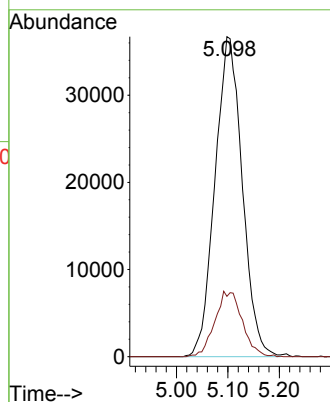
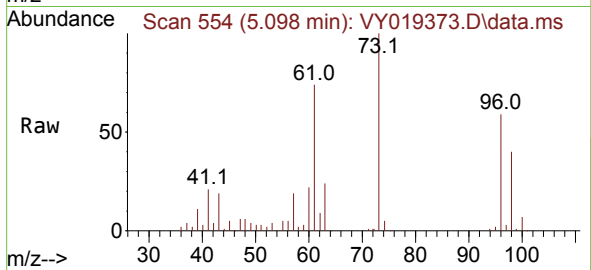




#19
Methyl tert-butyl Ether
Concen: 48.887 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

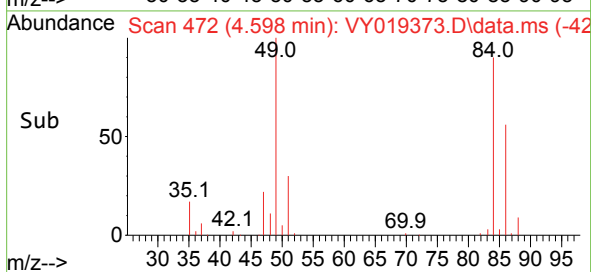
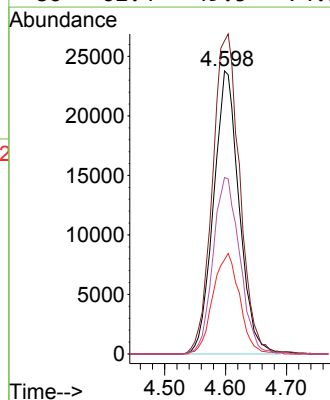
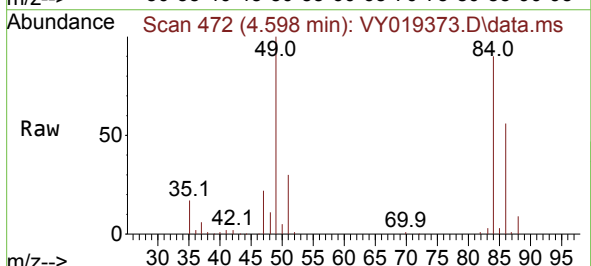
Instrument :
MSVOA_Y
ClientSampleId :

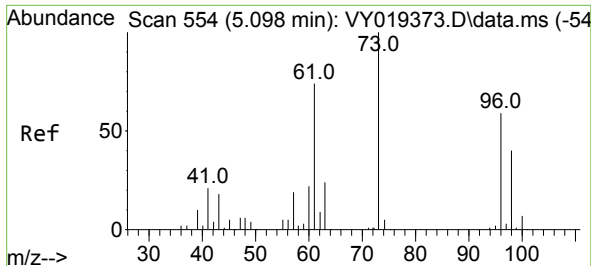
Tgt Ion: 73 Resp: 135121
Ion Ratio Lower Upper
73 100
57 18.8 17.3 25.9



#20
Methylene Chloride
Concen: 51.818 ug/l
RT: 4.598 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

Tgt Ion: 84 Resp: 69388
Ion Ratio Lower Upper
84 100
49 110.6 84.4 126.6
51 33.3 26.0 39.0
86 62.4 49.5 74.3

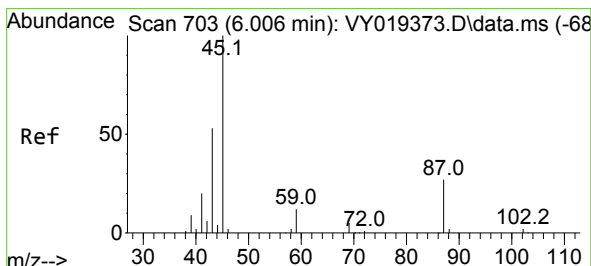
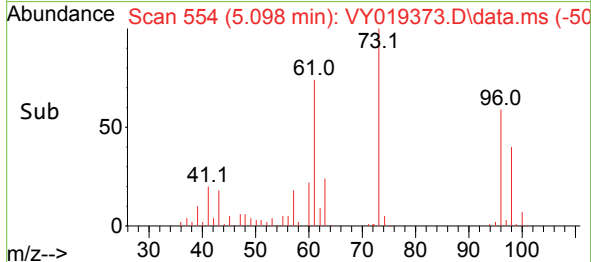
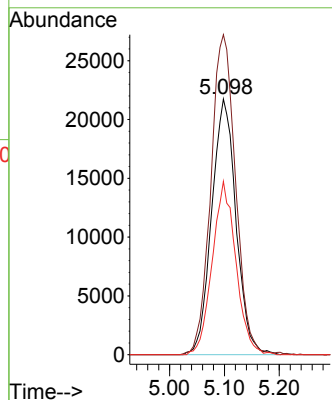
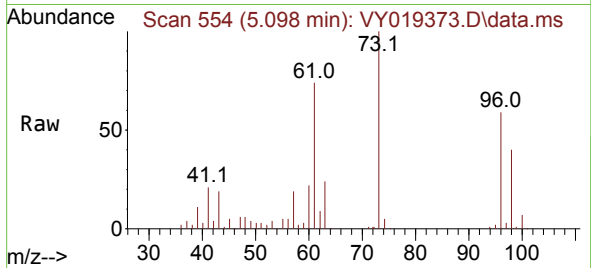




#21
trans-1,2-Dichloroethene
Concen: 48.592 ug/l
RT: 5.098 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

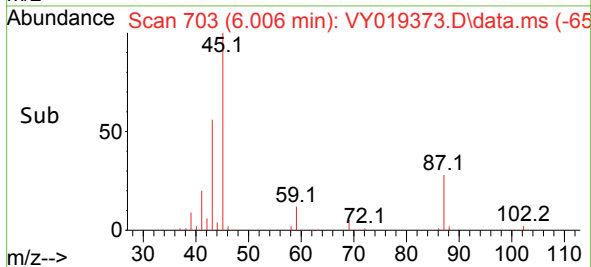
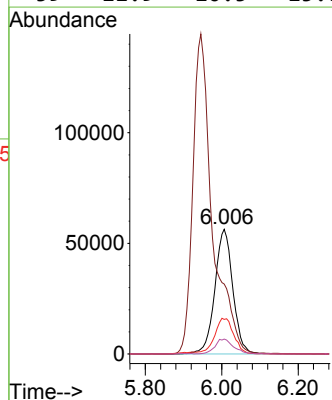
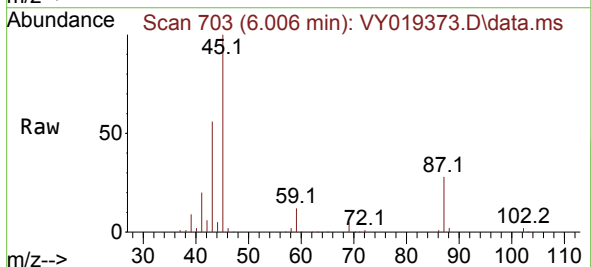
Instrument :
MSVOA_Y
ClientSampleId :

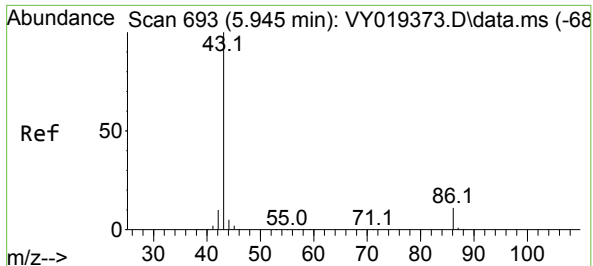
Tgt Ion: 96 Resp: 67097
Ion Ratio Lower Upper
96 100
61 125.2 97.5 146.3
98 67.8 50.5 75.7



#22
Diisopropyl ether
Concen: 48.960 ug/l
RT: 6.006 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

Tgt Ion: 45 Resp: 184367
Ion Ratio Lower Upper
45 100
43 55.8 42.2 63.2
87 27.7 25.0 37.6
59 11.9 10.5 15.7





#23

Vinyl Acetate

Concen: 245.145 ug/l

RT: 5.945 min Scan# 693

Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

Instrument :

MSVOA_Y

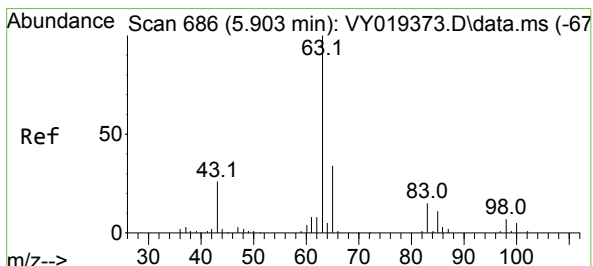
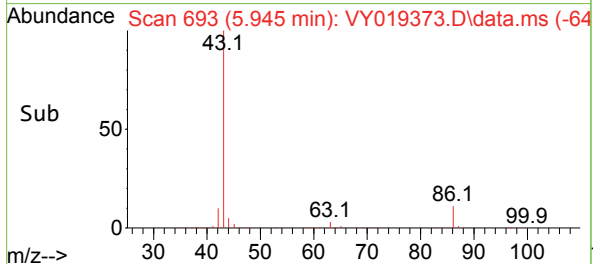
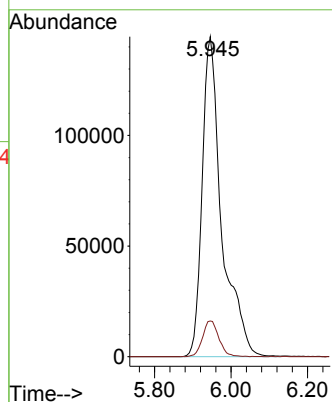
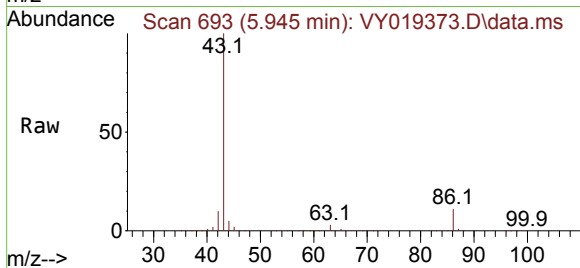
ClientSampleId :

Tgt Ion: 43 Resp: 513805

Ion Ratio Lower Upper

43 100

86 11.2 10.6 16.0



#24

1,1-Dichloroethane

Concen: 48.827 ug/l

RT: 5.903 min Scan# 686

Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

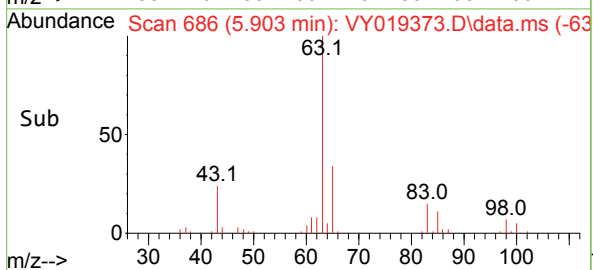
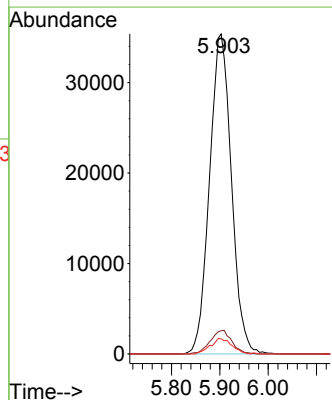
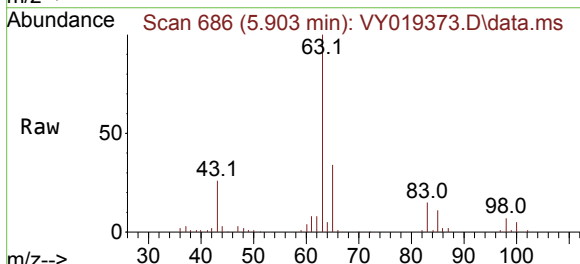
Tgt Ion: 63 Resp: 111115

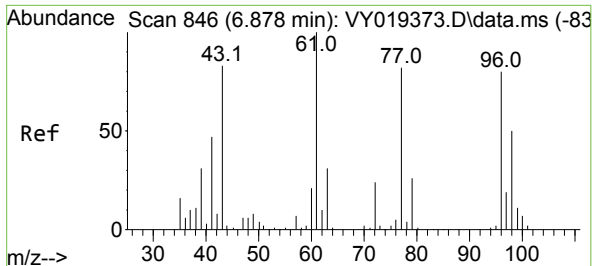
Ion Ratio Lower Upper

63 100

98 7.2 4.0 12.2

100 4.7 2.6 8.0

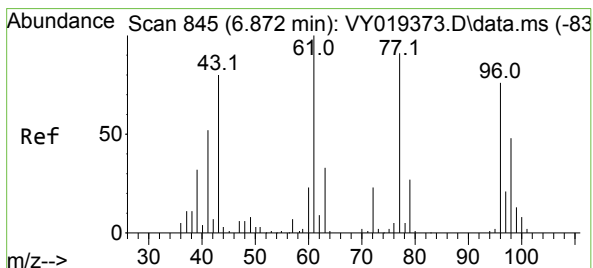
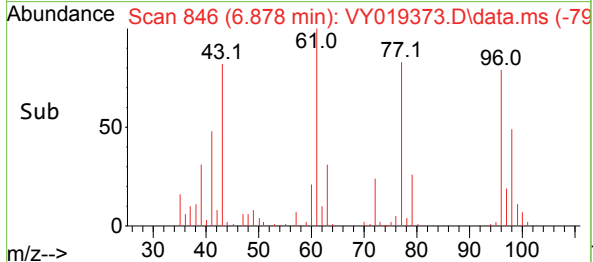
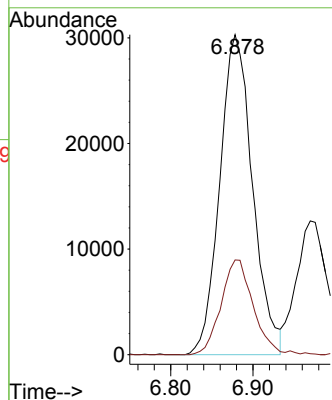
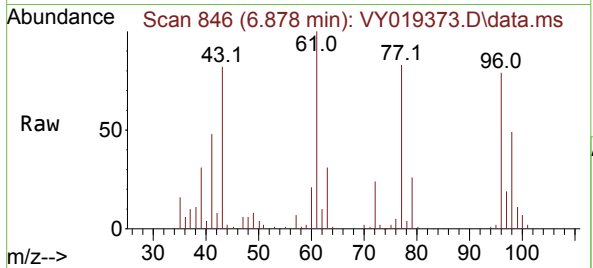




#25
2-Butanone
Concen: 259.528 ug/l
RT: 6.878 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

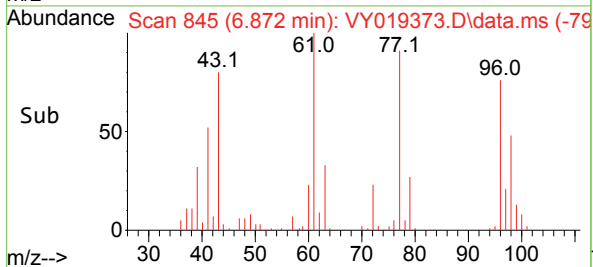
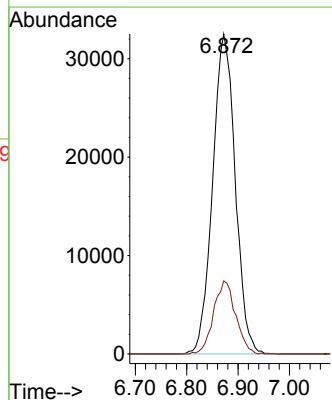
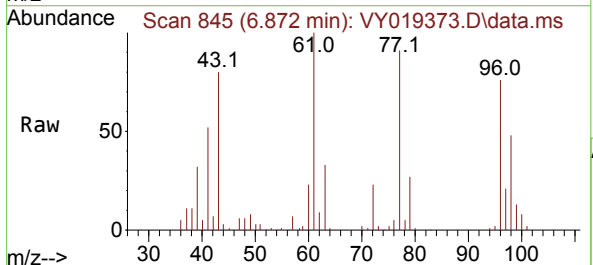
Instrument :
MSVOA_Y
ClientSampleId :

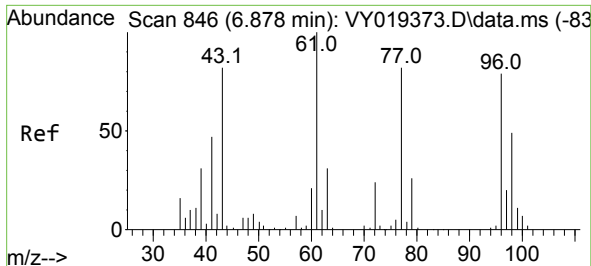
Tgt Ion: 43 Resp: 84114
Ion Ratio Lower Upper
43 100
72 29.6 27.3 40.9



#26
2,2-Dichloropropane
Concen: 50.055 ug/l
RT: 6.872 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

Tgt Ion: 77 Resp: 99218
Ion Ratio Lower Upper
77 100
97 22.2 12.0 36.1

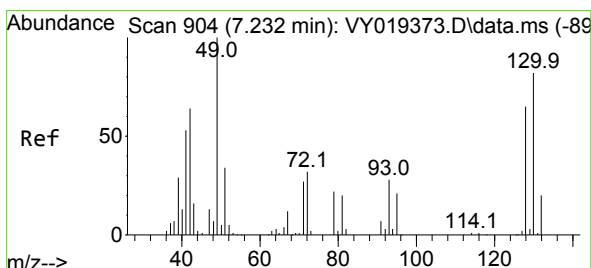
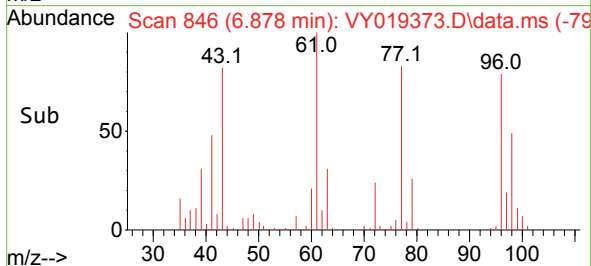
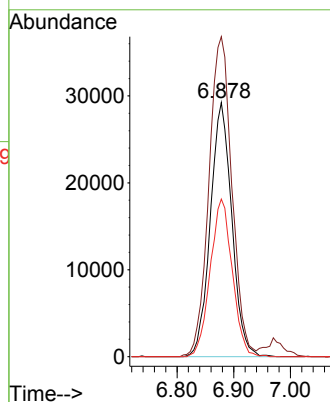
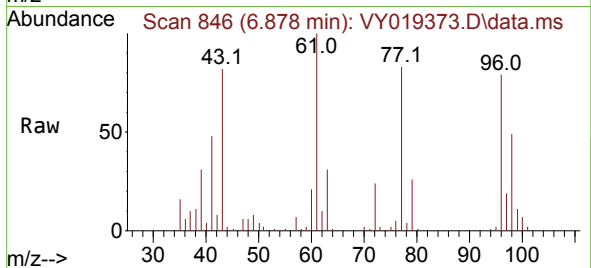




#27
 cis-1,2-Dichloroethene
 Concen: 48.618 ug/l
 RT: 6.878 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY019373.D
 Acq: 29 Aug 2024 15:40

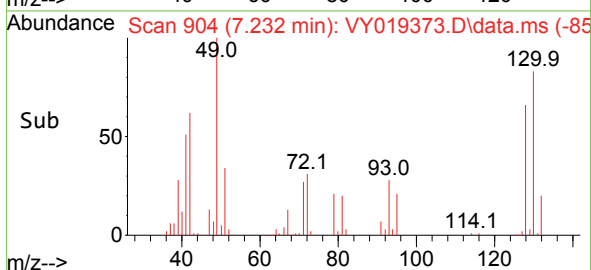
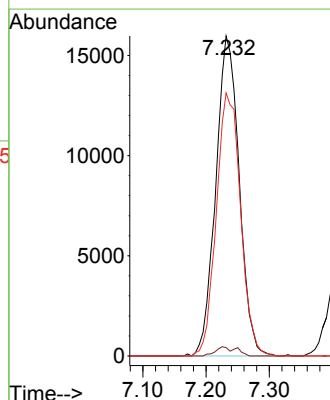
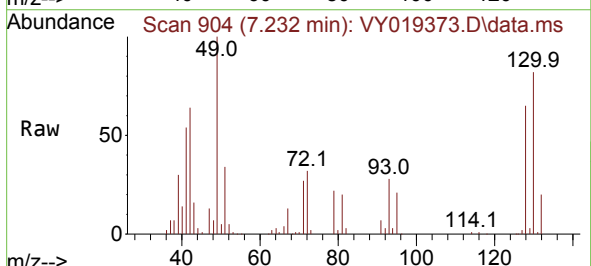
Instrument :
 MSVOA_Y
 ClientSampleId :

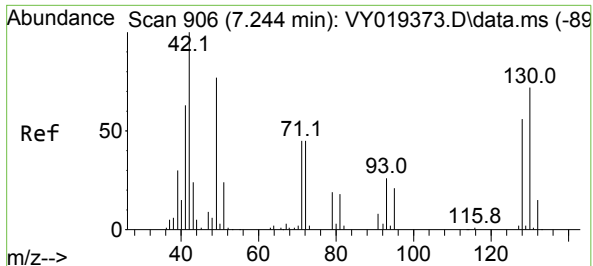
Tgt Ion: 96 Resp: 76867
 Ion Ratio Lower Upper
 96 100
 61 134.7 0.0 256.2
 98 63.5 0.0 130.0



#28
 Bromochloromethane
 Concen: 43.838 ug/l
 RT: 7.232 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY019373.D
 Acq: 29 Aug 2024 15:40

Tgt Ion: 49 Resp: 40988
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 84.9 72.7 109.1





#29

Tetrahydrofuran

Concen: 242.538 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

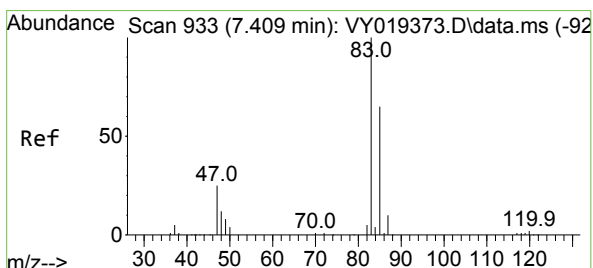
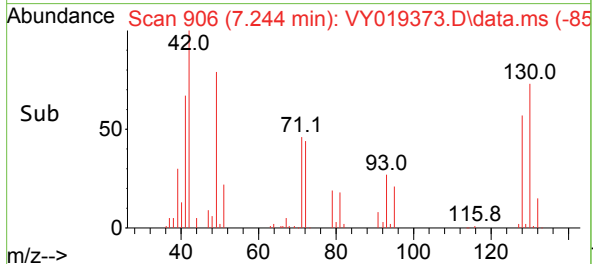
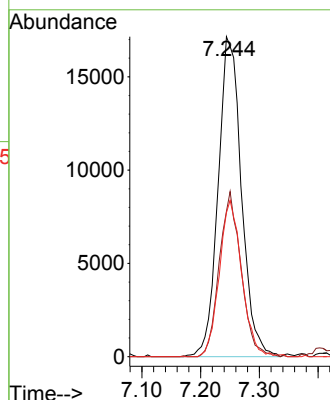
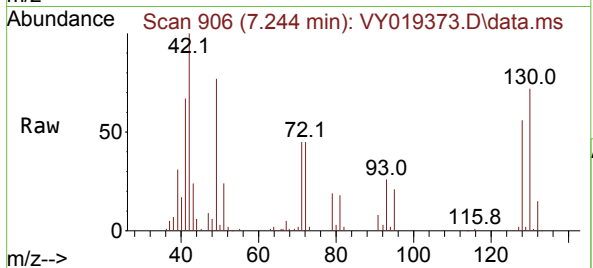
Tgt Ion: 42 Resp: 47231

Ion Ratio Lower Upper

42 100

72 48.2 43.0 64.4

71 47.0 40.8 61.2



#30

Chloroform

Concen: 48.576 ug/l

RT: 7.409 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY019373.D

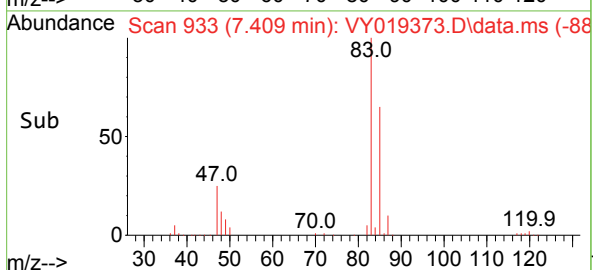
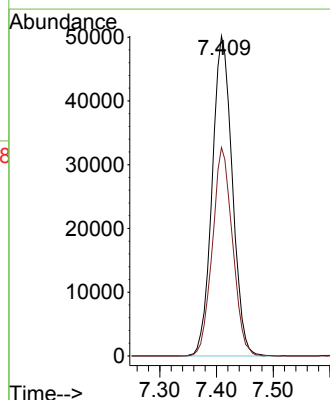
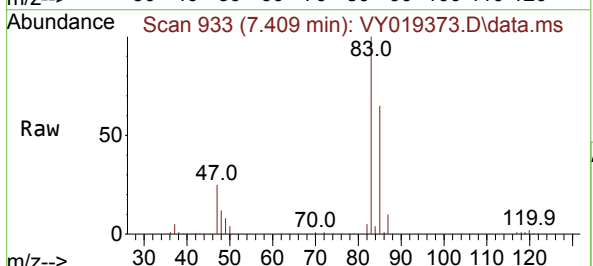
Acq: 29 Aug 2024 15:40

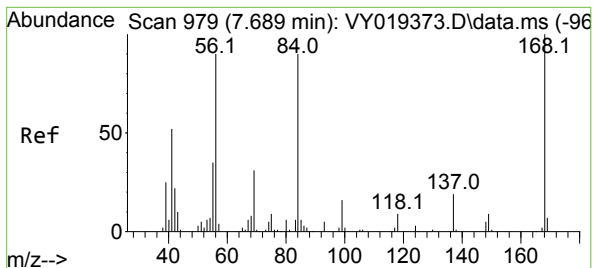
Tgt Ion: 83 Resp: 123749

Ion Ratio Lower Upper

83 100

85 65.2 52.2 78.4





#31

Cyclohexane

Concen: 47.501 ug/l

RT: 7.689 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

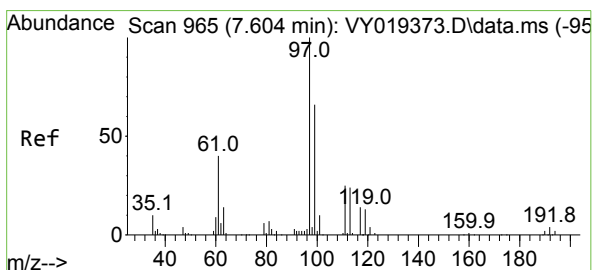
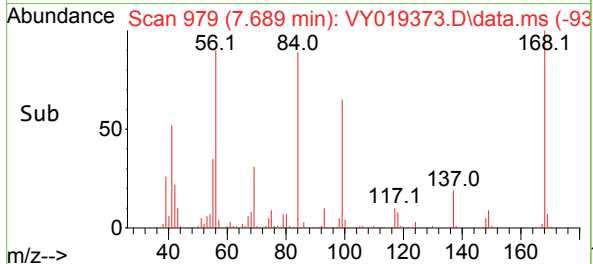
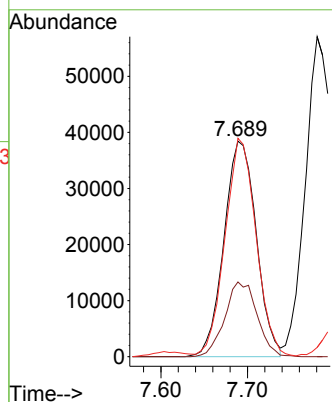
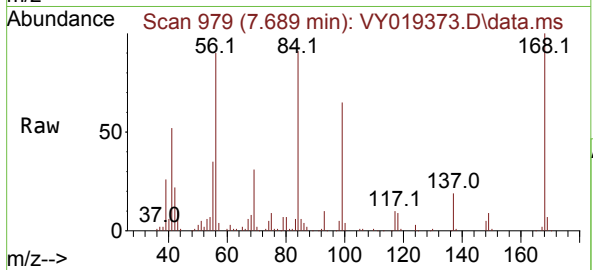
Tgt Ion: 56 Resp: 99511

Ion Ratio Lower Upper

56 100

69 34.7 28.7 43.1

84 99.6 77.7 116.5



#32

1,1,1-Trichloroethane

Concen: 49.896 ug/l

RT: 7.604 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

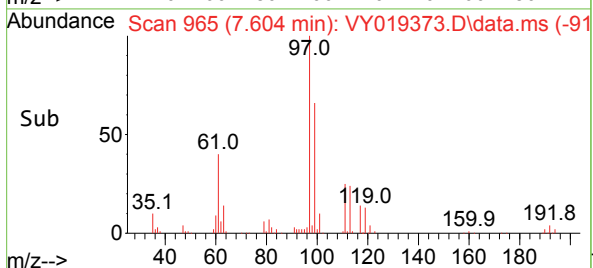
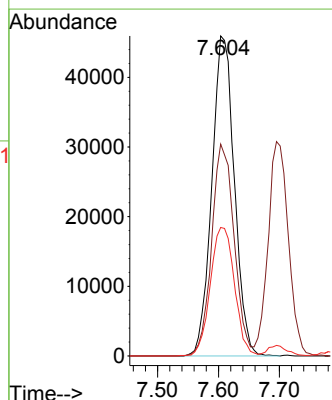
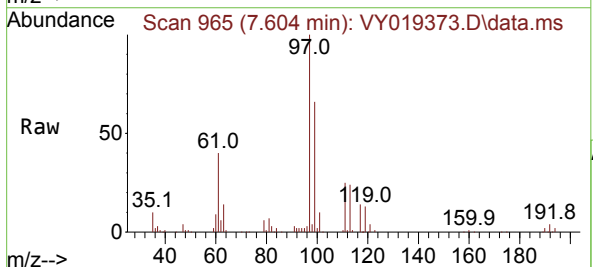
Tgt Ion: 97 Resp: 117963

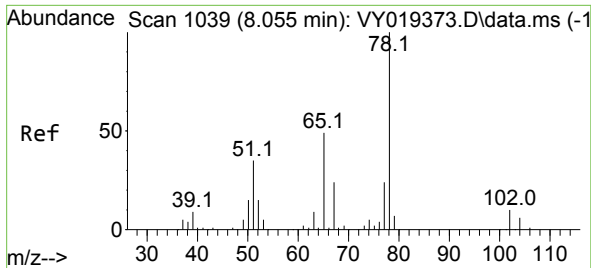
Ion Ratio Lower Upper

97 100

99 65.8 50.3 75.5

61 43.1 32.6 48.8

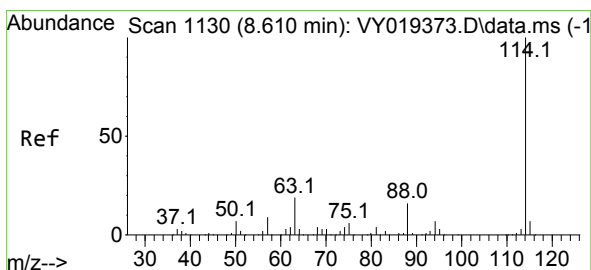
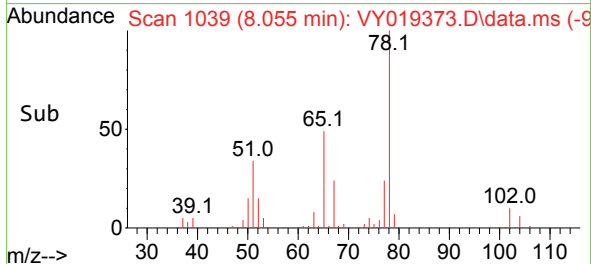
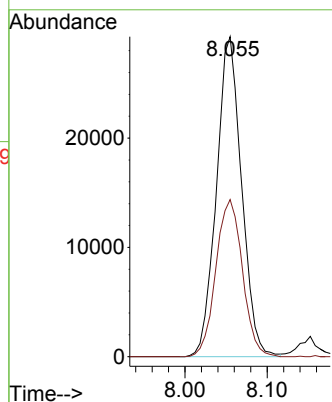
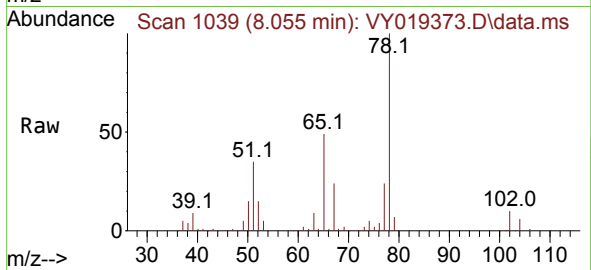




#33
 1,2-Dichloroethane-d4
 Concen: 50.463 ug/l
 RT: 8.055 min Scan# 1039
 Delta R.T. 0.000 min
 Lab File: VY019373.D
 Acq: 29 Aug 2024 15:40

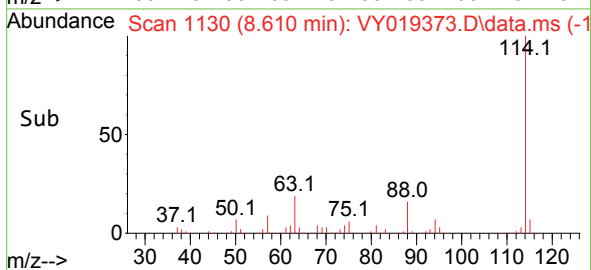
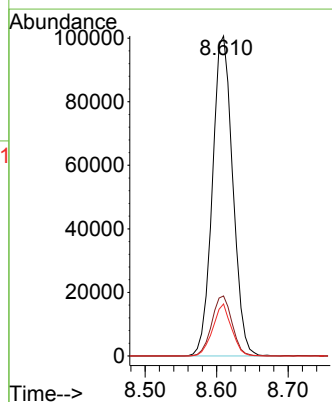
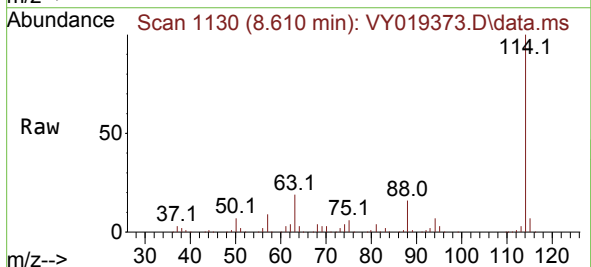
Instrument :
 MSVOA_Y
 ClientSampleId :

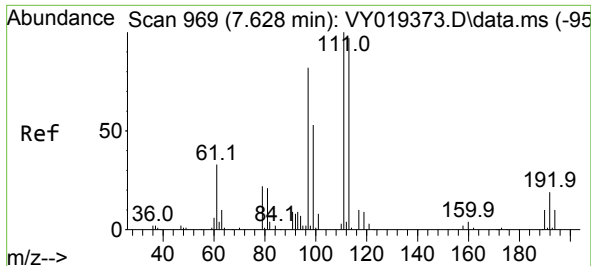
Tgt Ion: 65 Resp: 62166
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.610 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VY019373.D
 Acq: 29 Aug 2024 15:40

Tgt Ion: 114 Resp: 198856
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 35.0
 88 16.3 0.0 27.2

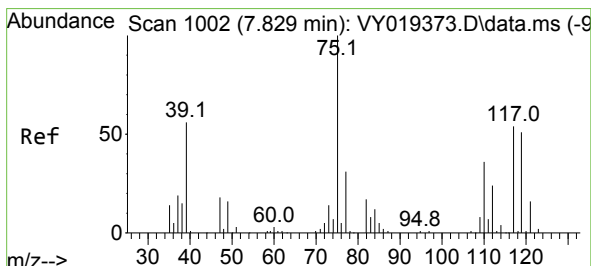
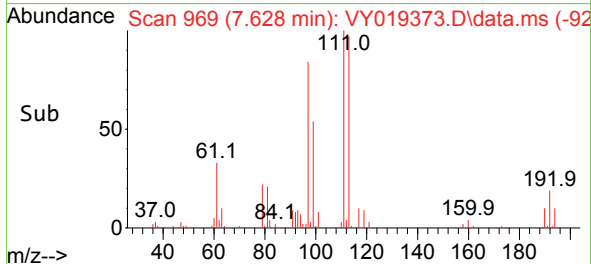
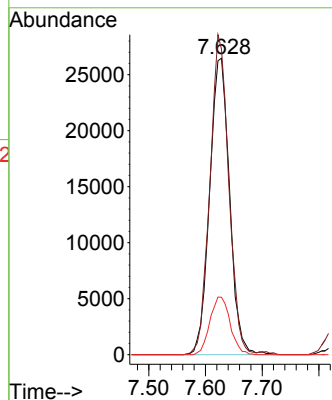
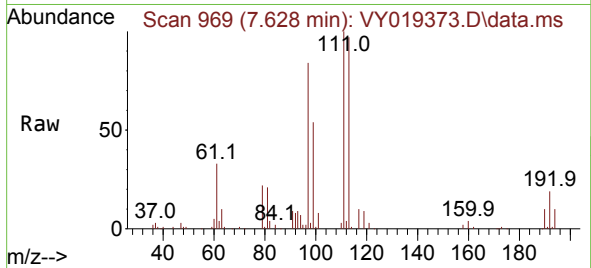




#35
Dibromofluoromethane
Concen: 51.293 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

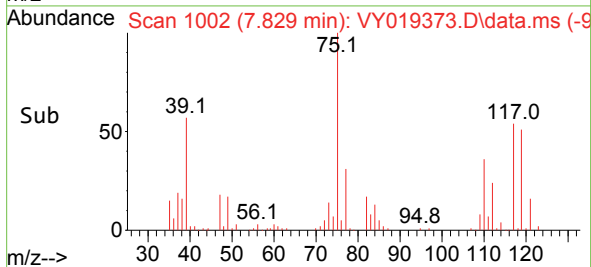
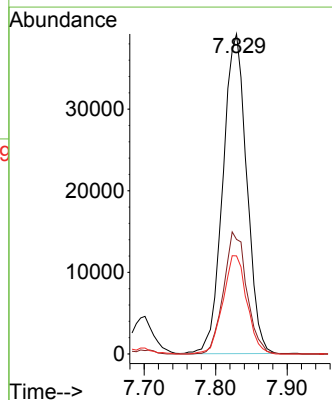
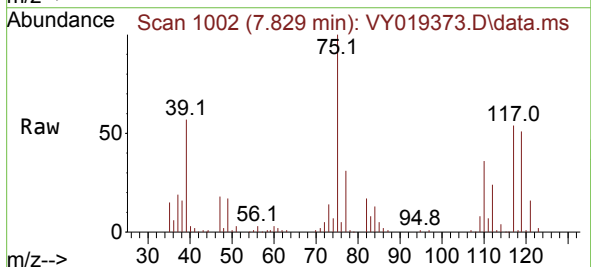
Instrument :
MSVOA_Y
ClientSampleId :

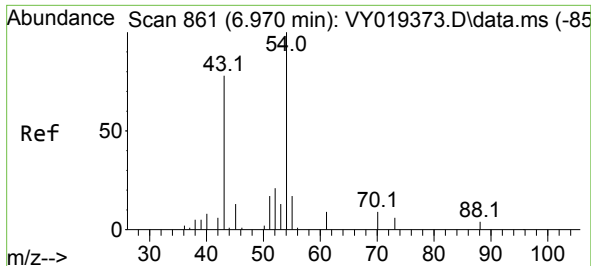
Tgt Ion:113 Resp: 64487
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 19.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 50.971 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

Tgt Ion: 75 Resp: 90560
Ion Ratio Lower Upper
75 100
110 37.2 19.0 57.0
77 30.9 25.3 37.9





#37

Ethyl Acetate

Concen: 49.325 ug/l

RT: 6.970 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

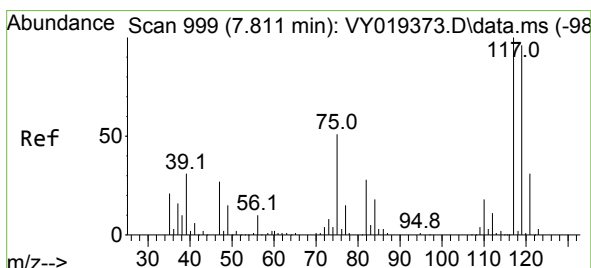
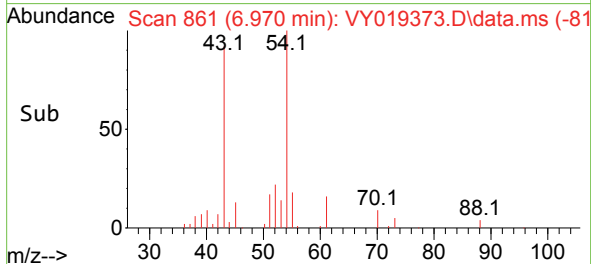
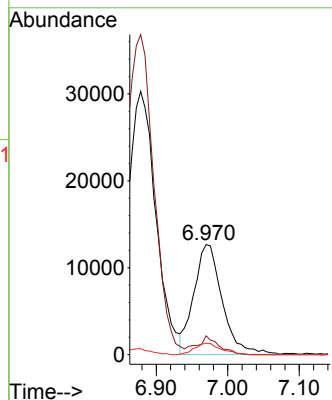
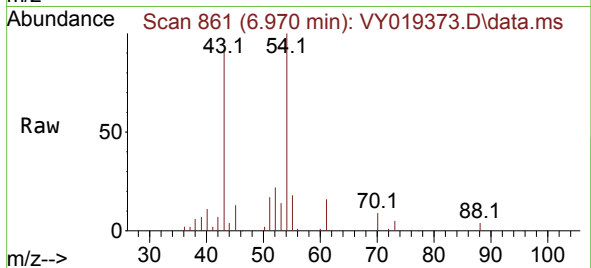
Tgt Ion: 43 Resp: 34689

Ion Ratio Lower Upper

43 100

61 13.4 12.6 19.0

70 9.8 7.8 11.8



#38

Carbon Tetrachloride

Concen: 51.268 ug/l

RT: 7.811 min Scan# 999

Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

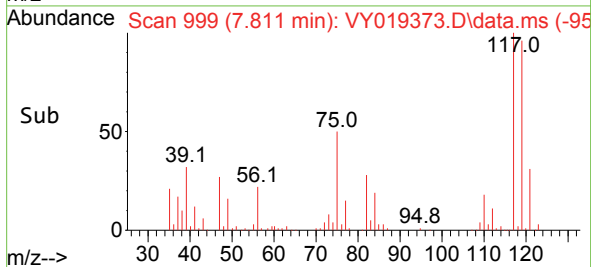
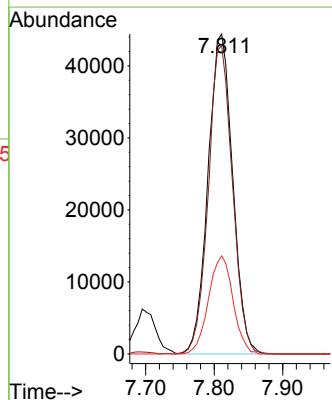
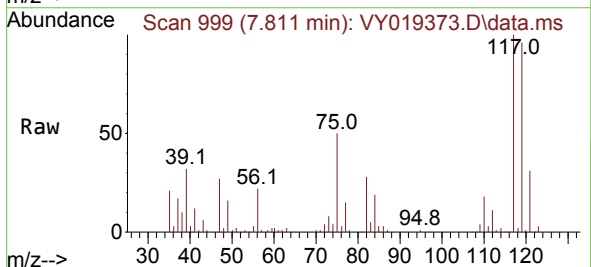
Tgt Ion: 117 Resp: 111019

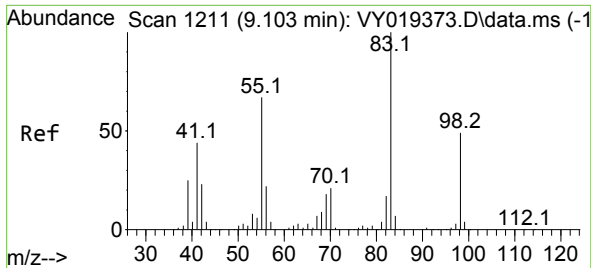
Ion Ratio Lower Upper

117 100

119 96.4 75.8 113.6

121 30.7 24.0 36.0





#39

Methylcyclohexane

Concen: 52.533 ug/l

RT: 9.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

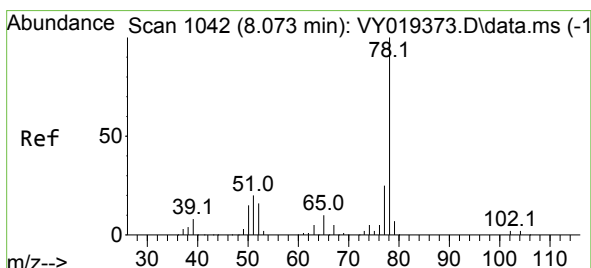
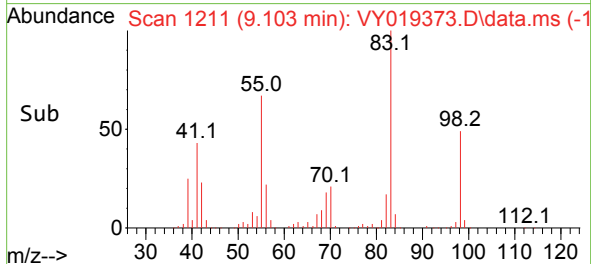
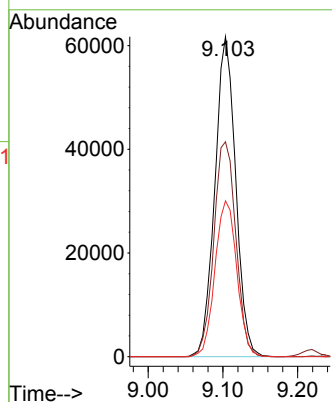
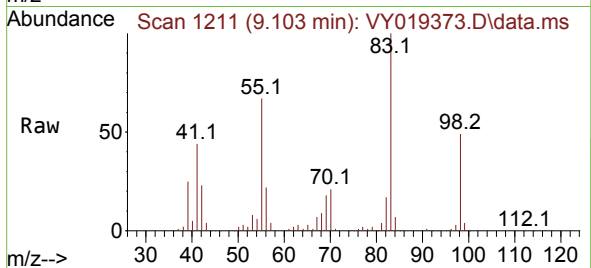
Tgt Ion: 83 Resp: 119688

Ion Ratio Lower Upper

83 100

55 67.2 51.5 77.3

98 48.7 40.5 60.7



#40

Benzene

Concen: 49.376 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY019373.D

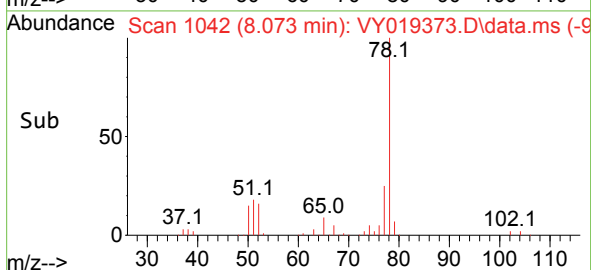
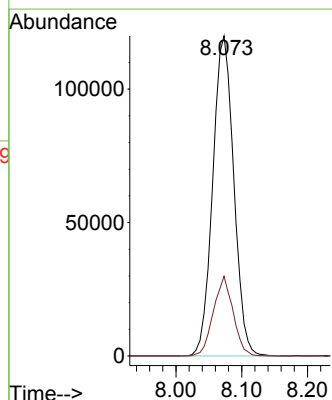
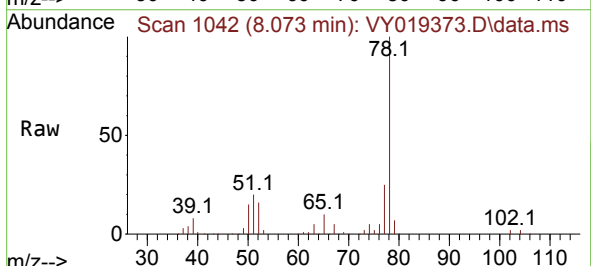
Acq: 29 Aug 2024 15:40

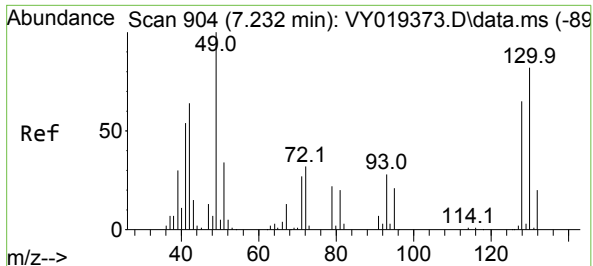
Tgt Ion: 78 Resp: 266978

Ion Ratio Lower Upper

78 100

77 24.9 19.5 29.3

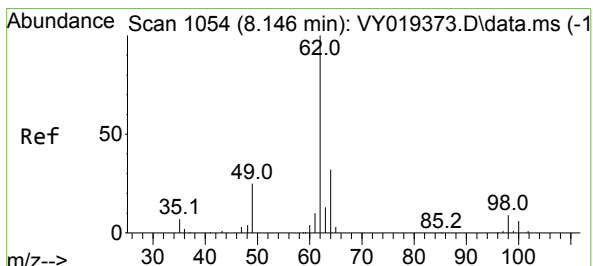
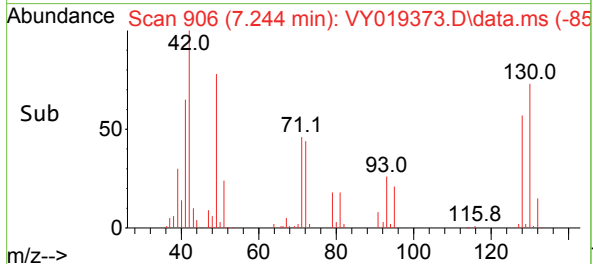
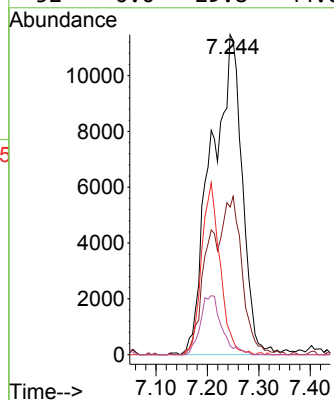
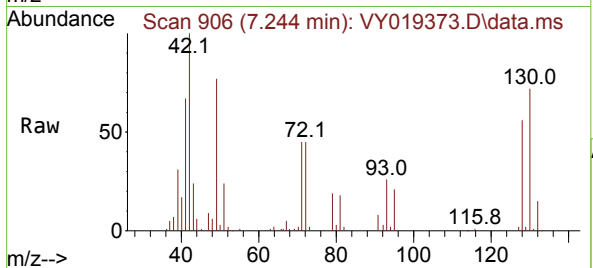




#41
Methacrylonitrile
Concen: 107.773 ug/l
RT: 7.244 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

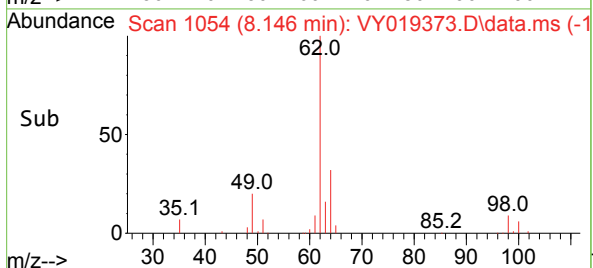
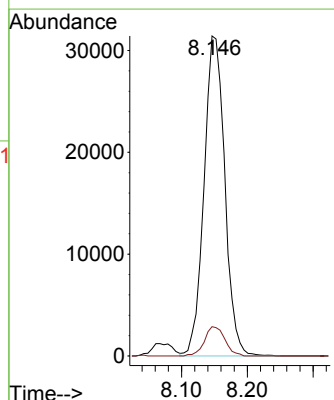
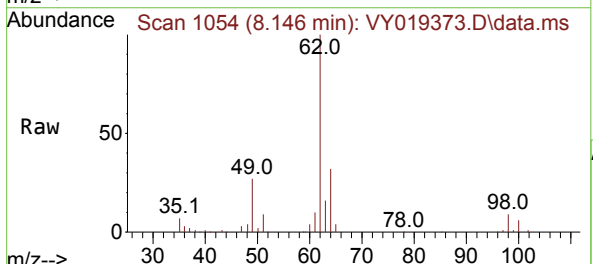
Instrument :
MSVOA_Y
ClientSampleId :

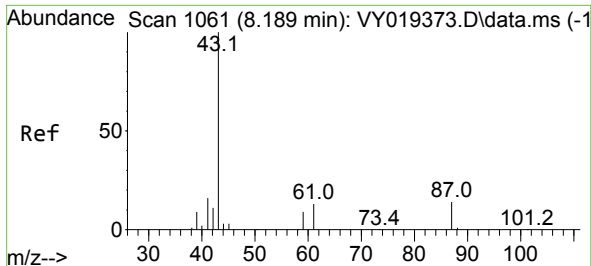
Tgt Ion: 41 Resp: 47838
Ion Ratio Lower Upper
41 100
39 28.6 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 48.168 ug/l
RT: 8.146 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

Tgt Ion: 62 Resp: 69118
Ion Ratio Lower Upper
62 100
98 9.0 0.0 22.0

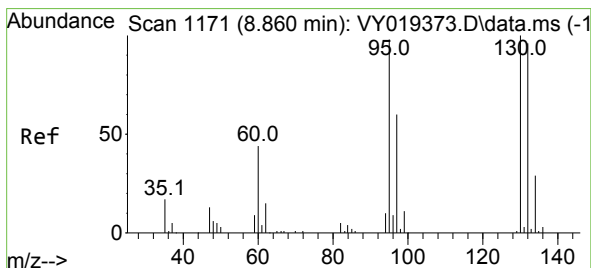
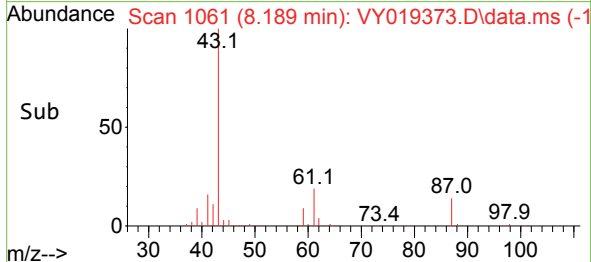
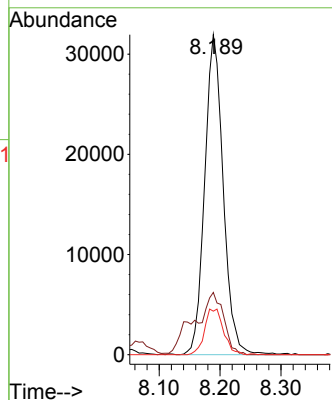
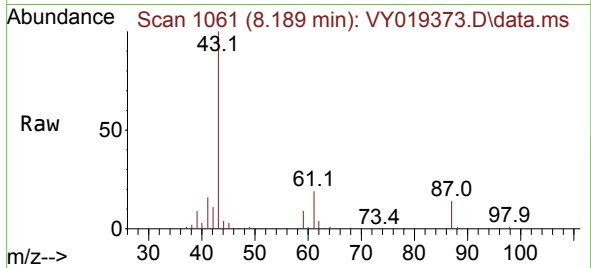




#43
Isopropyl Acetate
Concen: 49.225 ug/l
RT: 8.189 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

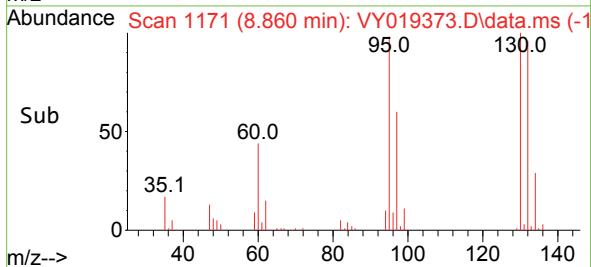
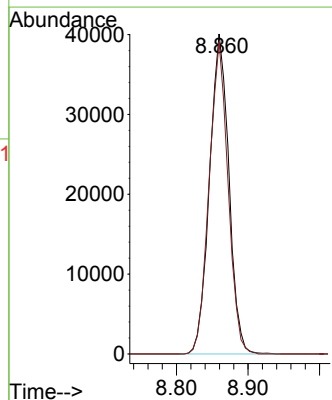
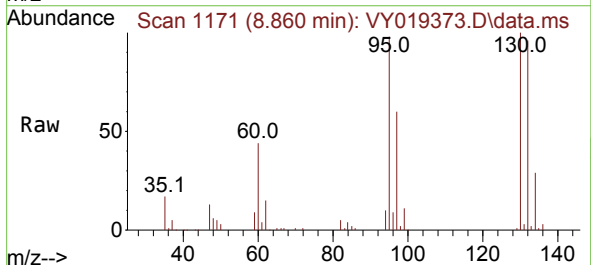
Instrument :
MSVOA_Y
ClientSampleId :

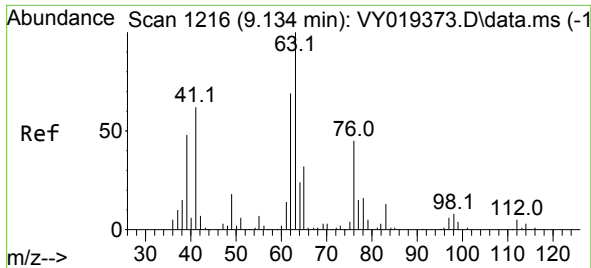
Tgt Ion: 43 Resp: 67561
Ion Ratio Lower Upper
43 100
61 20.0 27.9 41.9#
87 14.6 13.1 19.7



#44
Trichloroethene
Concen: 50.705 ug/l
RT: 8.860 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

Tgt Ion:130 Resp: 75300
Ion Ratio Lower Upper
130 100
95 97.5 0.0 188.0

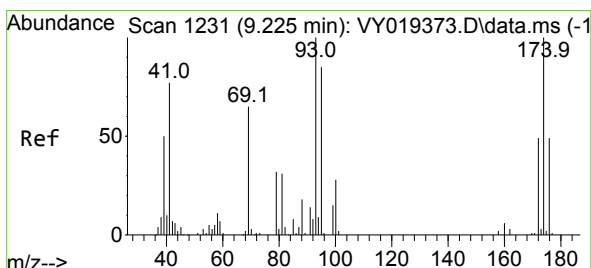
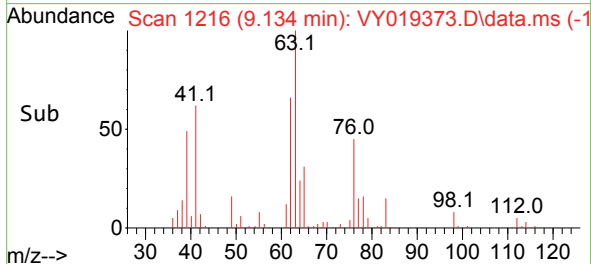
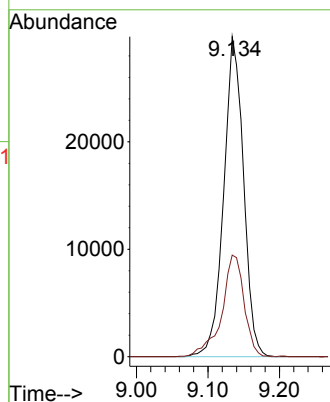
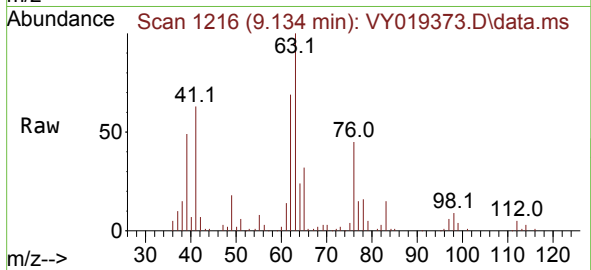




#45
1,2-Dichloropropane
Concen: 48.916 ug/l
RT: 9.134 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

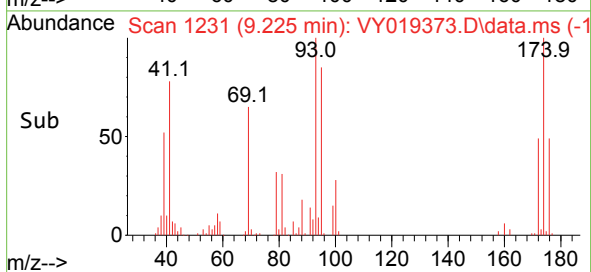
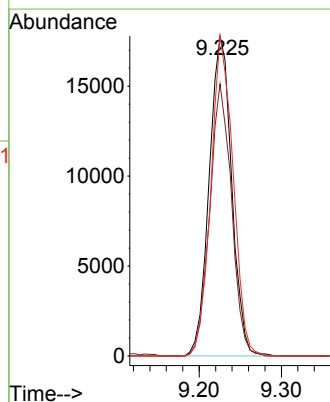
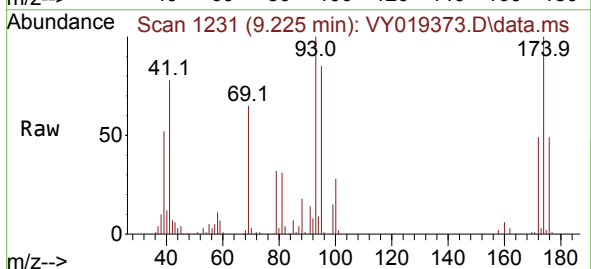
Instrument :
MSVOA_Y
ClientSampleId :

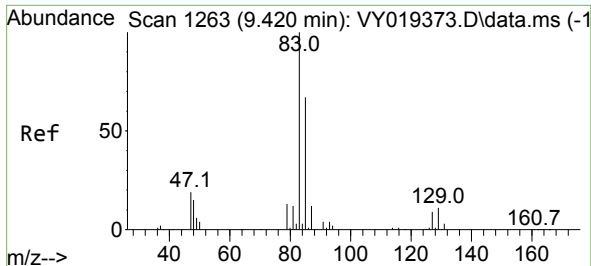
Tgt Ion: 63 Resp: 57324
Ion Ratio Lower Upper
63 100
65 31.6 25.4 38.2



#46
Dibromomethane
Concen: 47.771 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

Tgt Ion: 93 Resp: 33675
Ion Ratio Lower Upper
93 100
95 82.5 66.2 99.4
174 99.1 80.9 121.3

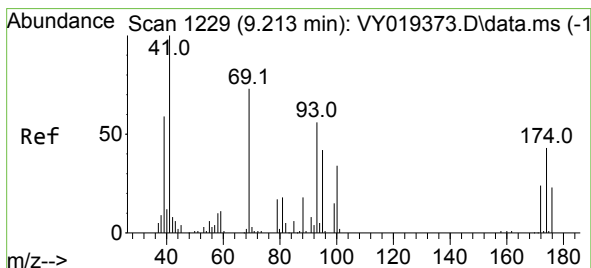
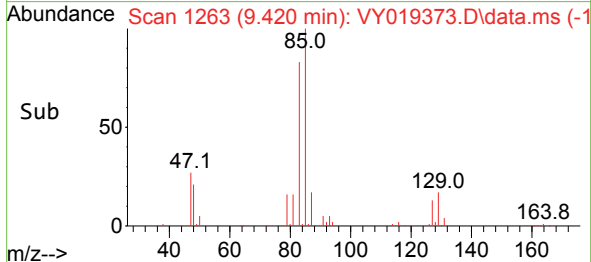
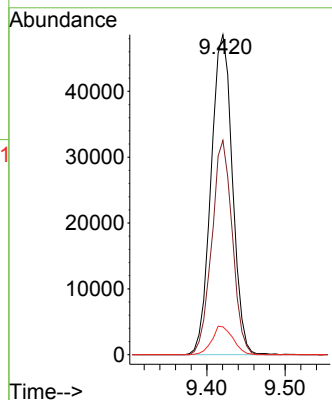
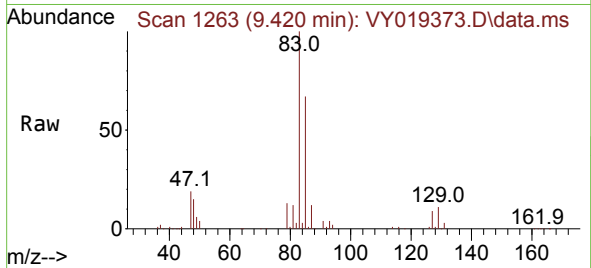




#47
Bromodichloromethane
Concen: 49.394 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

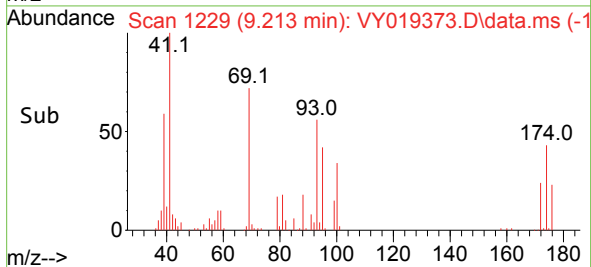
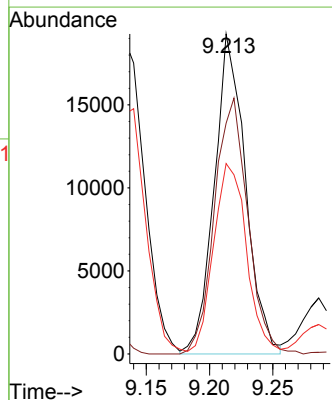
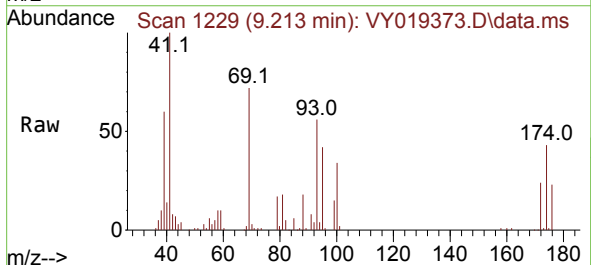
Instrument :
MSVOA_Y
ClientSampleId :

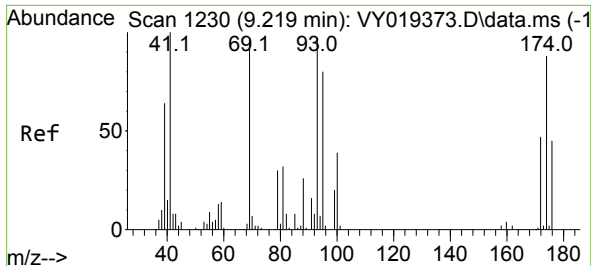
Tgt Ion: 83 Resp: 91956
Ion Ratio Lower Upper
83 100
85 67.0 50.1 75.1
127 8.7 7.4 11.0



#48
Methyl methacrylate
Concen: 50.916 ug/l
RT: 9.213 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

Tgt Ion: 41 Resp: 33039
Ion Ratio Lower Upper
41 100
69 85.5 84.1 126.1
39 61.5 43.6 65.4





#49

1,4-Dioxane

Concen: 984.975 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

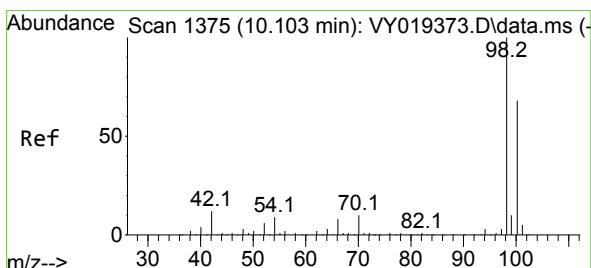
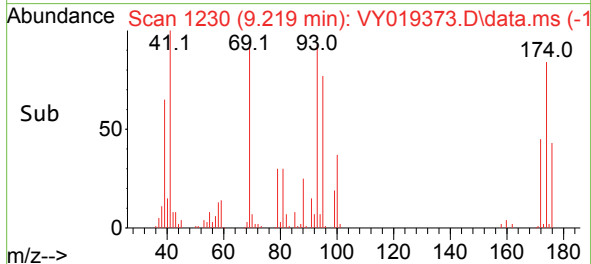
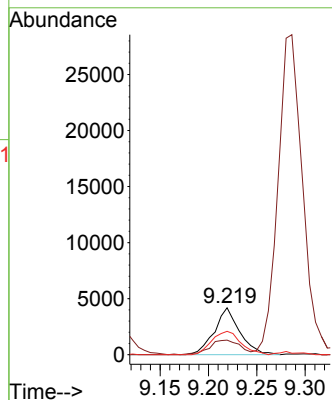
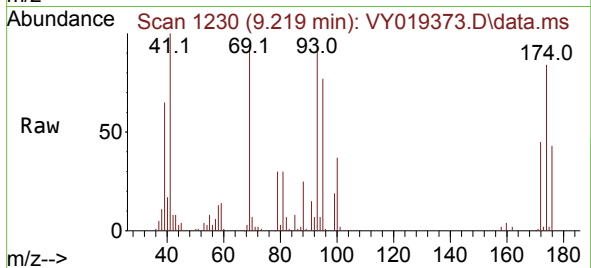
Tgt Ion: 88 Resp: 7607

Ion Ratio Lower Upper

88 100

43 37.2 0.0 0.0#

58 57.0 49.3 73.9



#50

Toluene-d8

Concen: 52.725 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019373.D

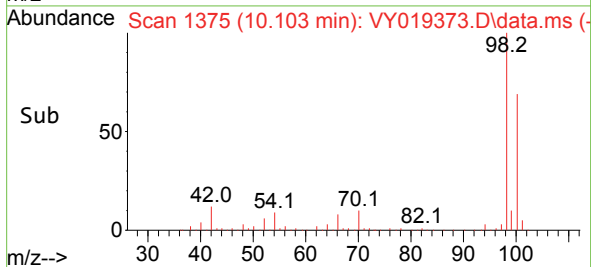
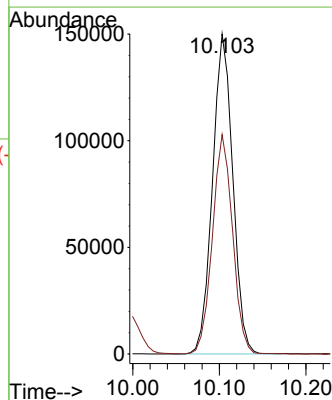
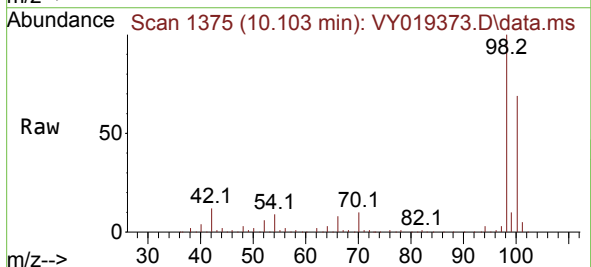
Acq: 29 Aug 2024 15:40

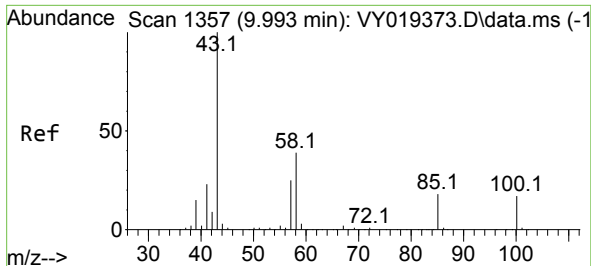
Tgt Ion: 98 Resp: 244019

Ion Ratio Lower Upper

98 100

100 68.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 251.167 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

Instrument :

MSVOA_Y

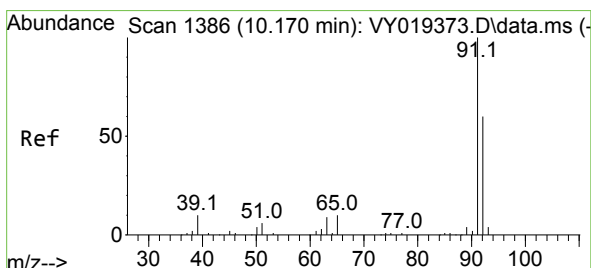
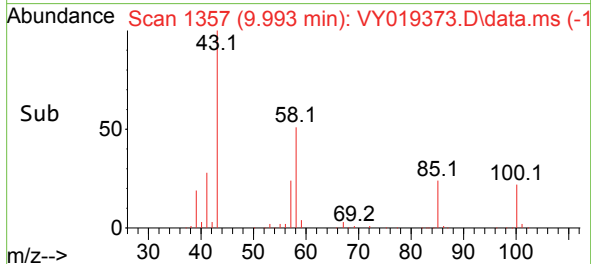
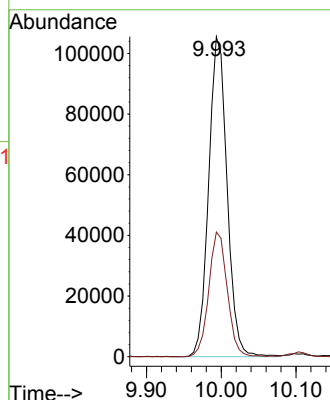
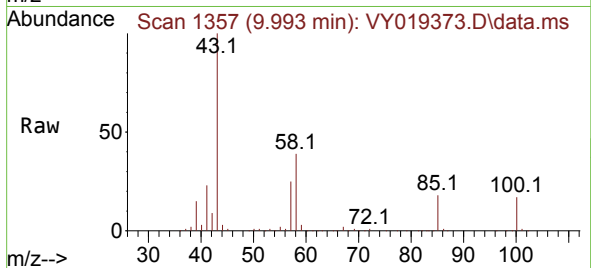
ClientSampleId :

Tgt Ion: 43 Resp: 180514

Ion Ratio Lower Upper

43 100

58 39.1 35.7 53.5



#52

Toluene

Concen: 50.723 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019373.D

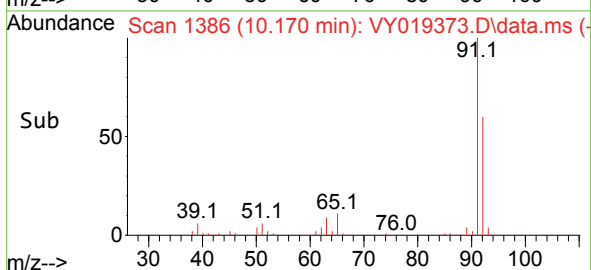
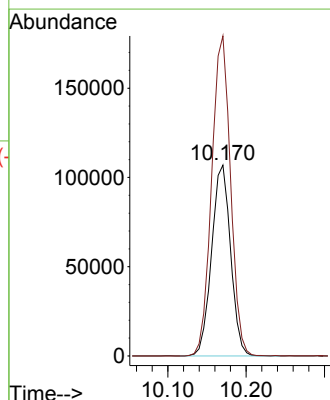
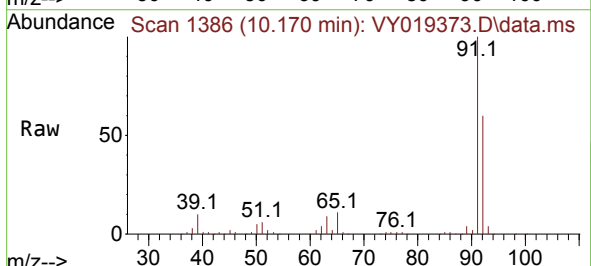
Acq: 29 Aug 2024 15:40

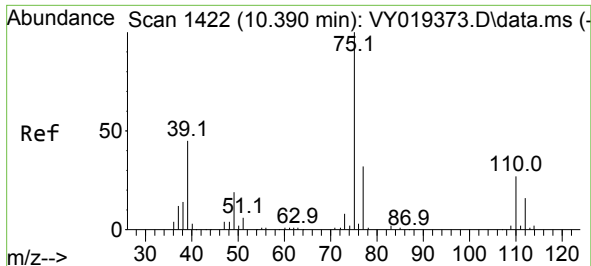
Tgt Ion: 92 Resp: 179799

Ion Ratio Lower Upper

92 100

91 167.0 139.0 208.6

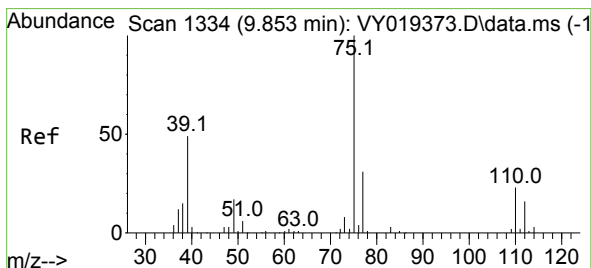
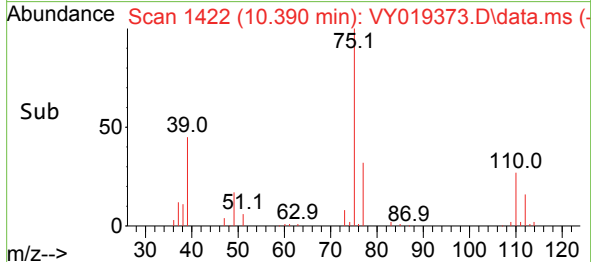
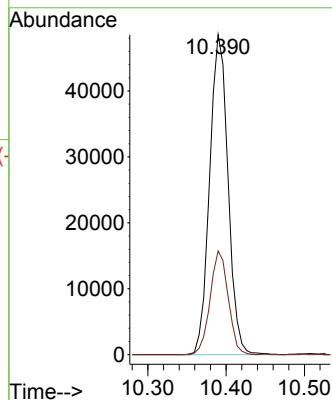
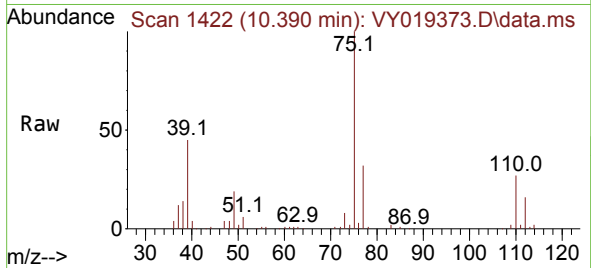




#53
 t-1,3-Dichloropropene
 Concen: 51.517 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY019373.D
 Acq: 29 Aug 2024 15:40

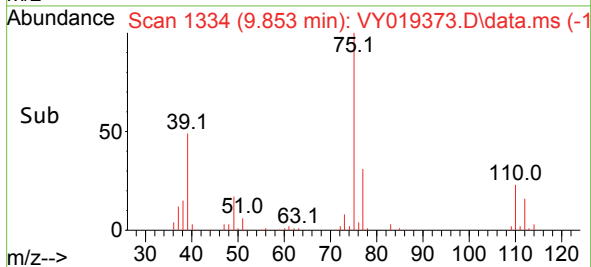
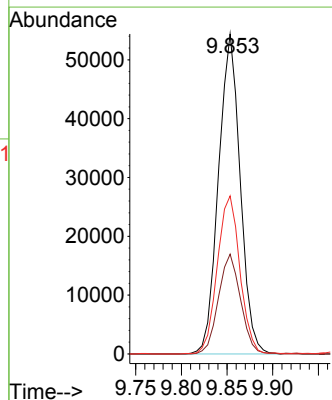
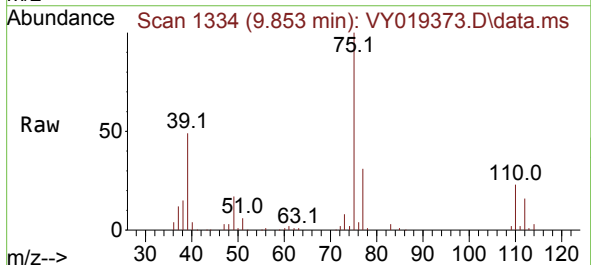
Instrument :
 MSVOA_Y
 ClientSampleId :

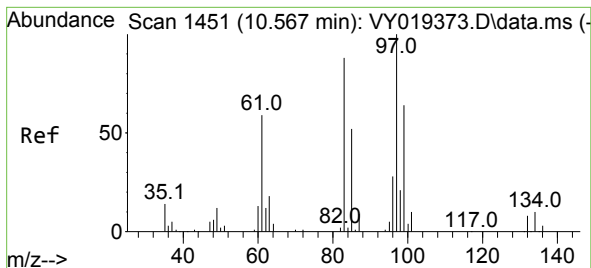
Tgt Ion: 75 Resp: 79216
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 49.354 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY019373.D
 Acq: 29 Aug 2024 15:40

Tgt Ion: 75 Resp: 89861
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.0
 39 49.4 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 50.086 ug/l

RT: 10.567 min Scan# 1451

Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 45038

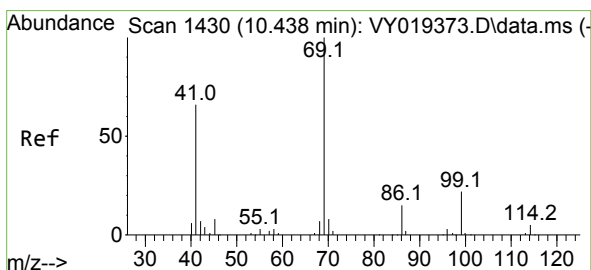
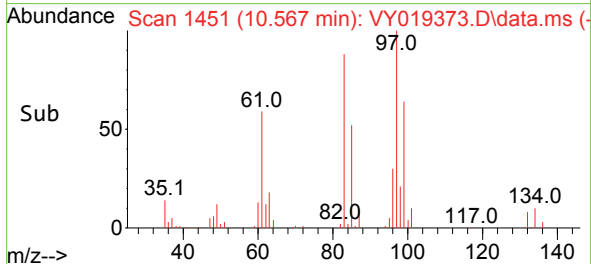
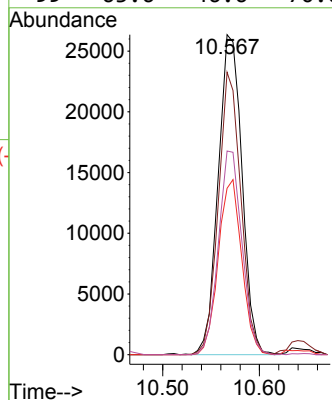
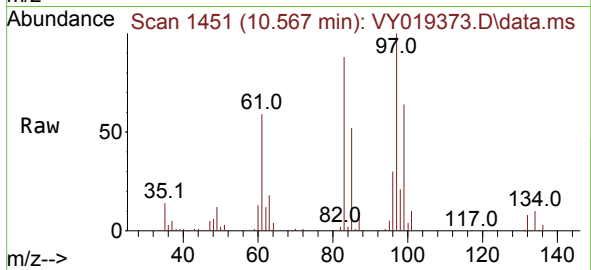
Ion Ratio Lower Upper

97 100

83 88.3 67.5 101.3

85 52.0 42.9 64.3

99 63.6 46.6 70.0



#56

Ethyl methacrylate

Concen: 50.591 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

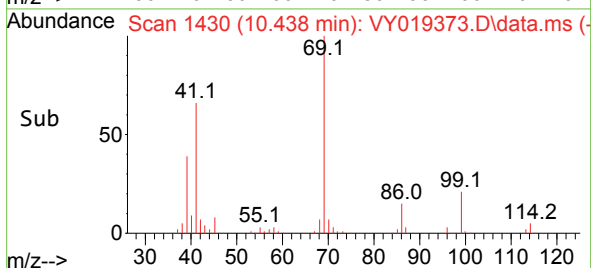
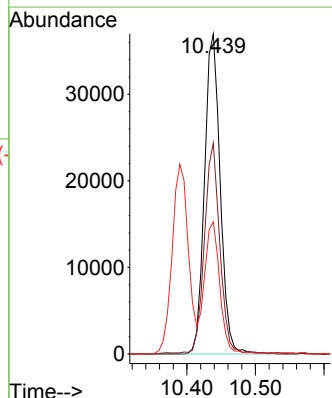
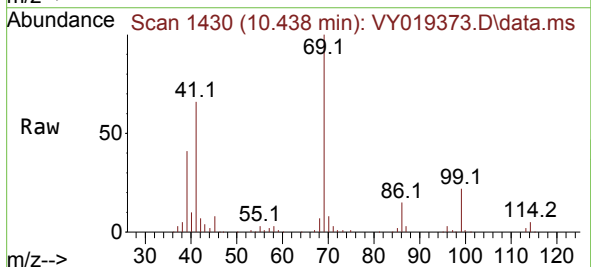
Tgt Ion: 69 Resp: 59098

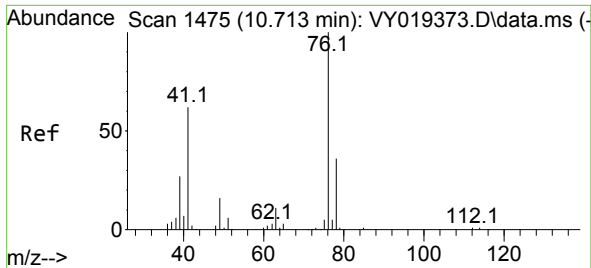
Ion Ratio Lower Upper

69 100

41 64.0 42.3 63.5#

39 39.8 22.9 34.3#

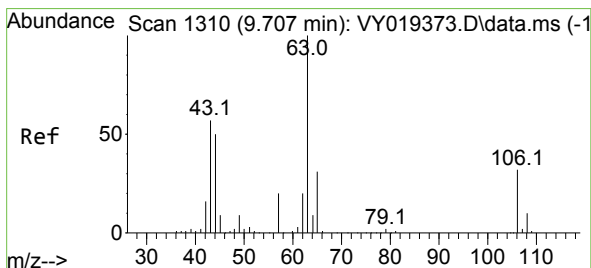
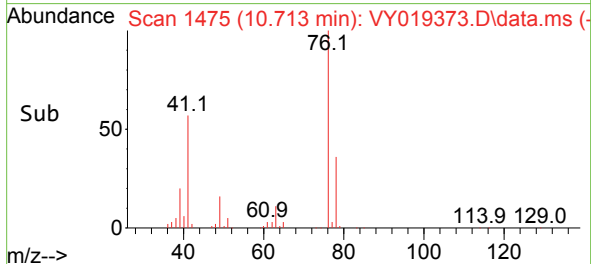
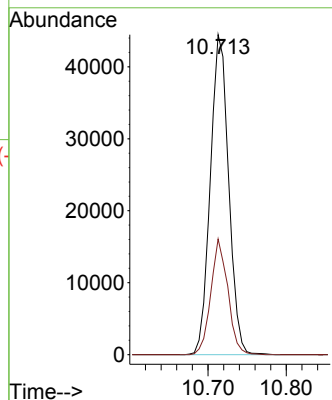
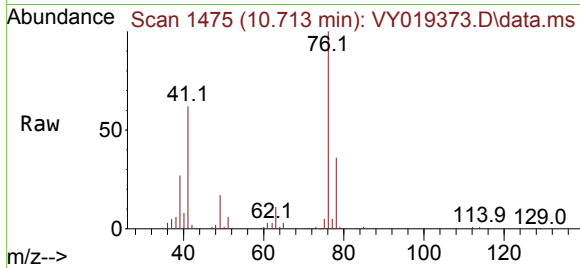




#57
1,3-Dichloropropane
Concen: 49.178 ug/l
RT: 10.713 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

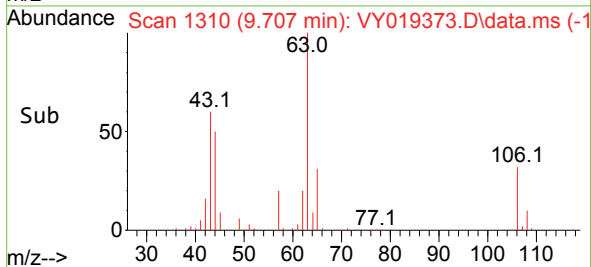
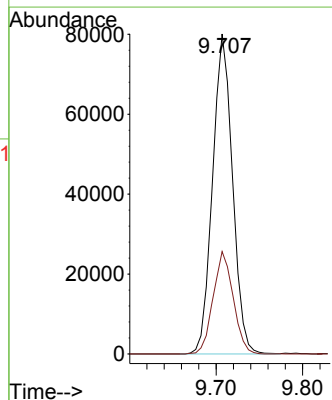
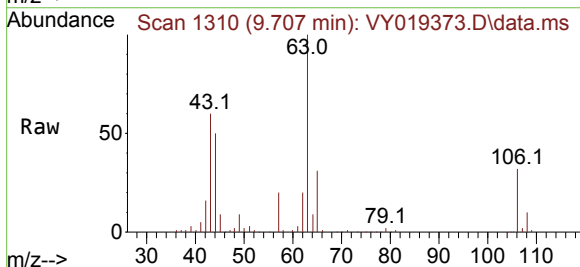
Instrument :
MSVOA_Y
ClientSampleId :

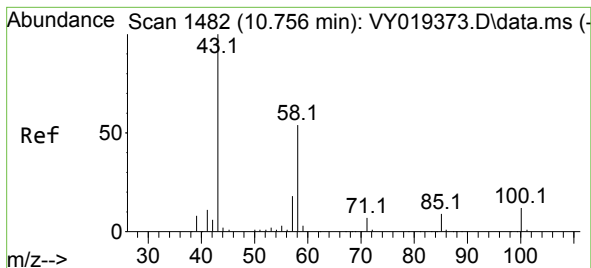
Tgt Ion:	76	Resp:	72240
Ion Ratio	Lower	Upper	
76	100		
78	33.6	26.2	39.4



#58
2-Chloroethyl Vinyl ether
Concen: 244.441 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

Tgt Ion:	63	Resp:	128014
Ion Ratio	Lower	Upper	
63	100		
106	32.2	23.7	35.5





#59

2-Hexanone

Concen: 268.137 ug/l

RT: 10.756 min Scan# 1482

Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

Instrument :

MSVOA_Y

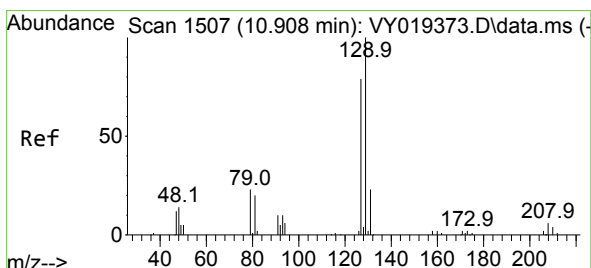
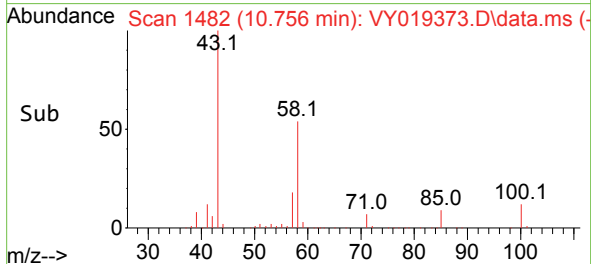
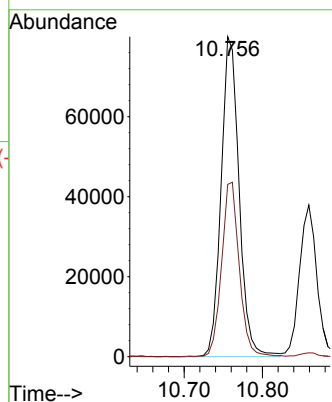
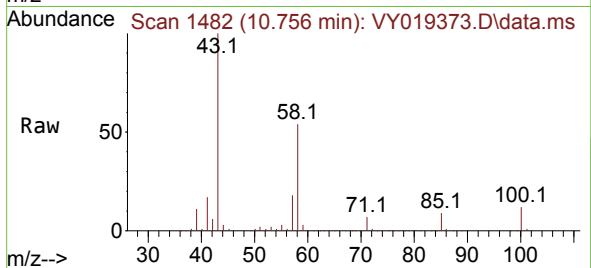
ClientSampleId :

Tgt Ion: 43 Resp: 127793

Ion Ratio Lower Upper

43 100

58 53.8 31.4 94.0



#60

Dibromochloromethane

Concen: 50.248 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY019373.D

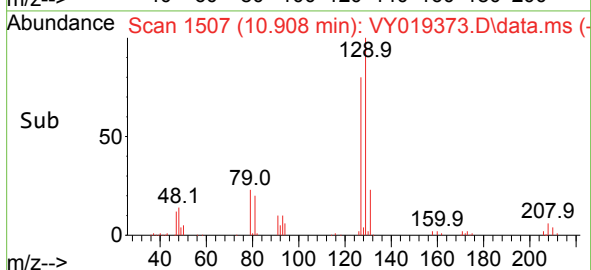
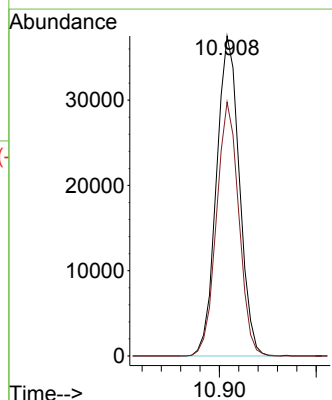
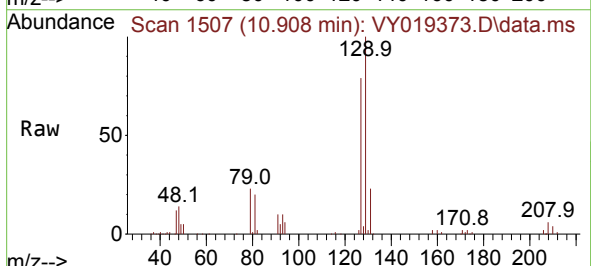
Acq: 29 Aug 2024 15:40

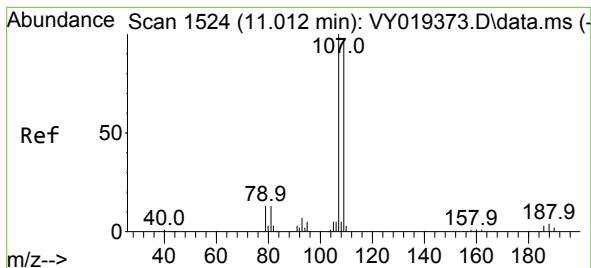
Tgt Ion:129 Resp: 61602

Ion Ratio Lower Upper

129 100

127 77.2 39.0 117.0

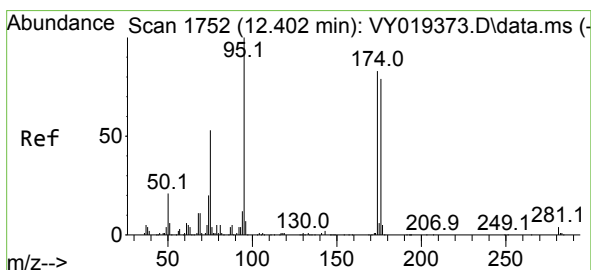
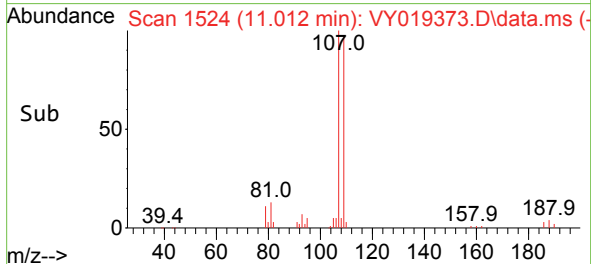
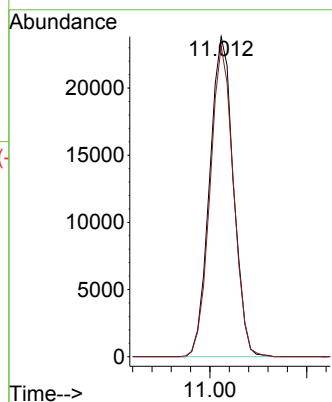
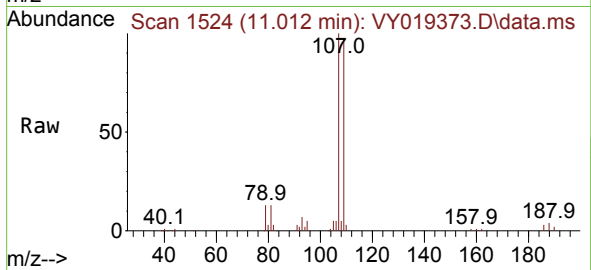




#61
1,2-Dibromoethane
Concen: 49.013 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

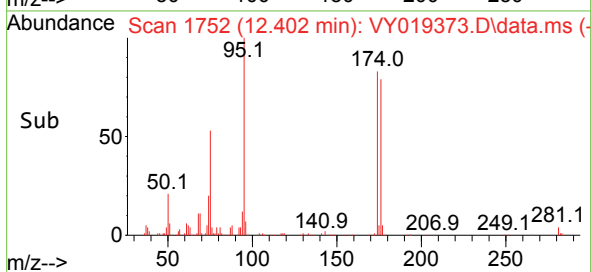
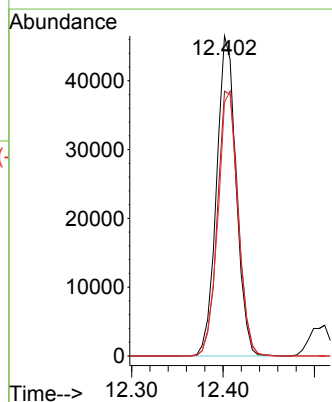
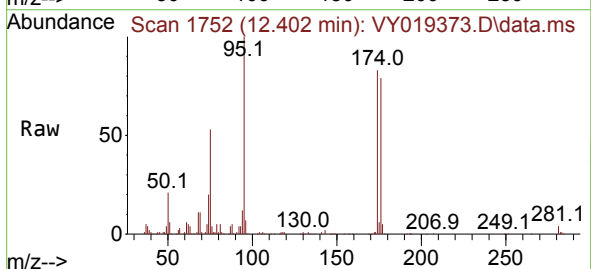
Instrument :
MSVOA_Y
ClientSampleId :

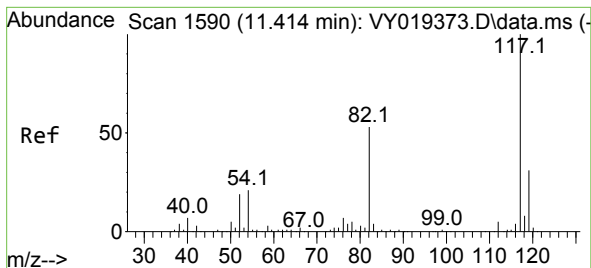
Tgt Ion:107 Resp: 40603
Ion Ratio Lower Upper
107 100
109 95.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 46.053 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

Tgt Ion: 95 Resp: 68938
Ion Ratio Lower Upper
95 100
174 88.3 0.0 175.6
176 85.1 0.0 171.4

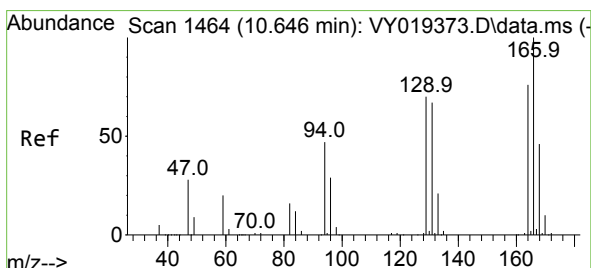
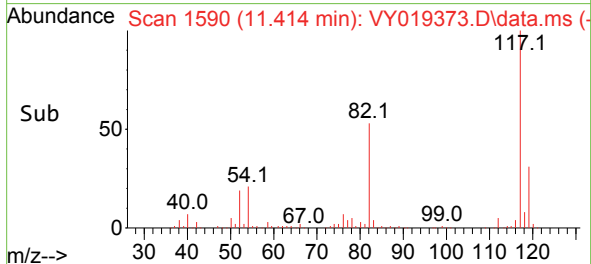
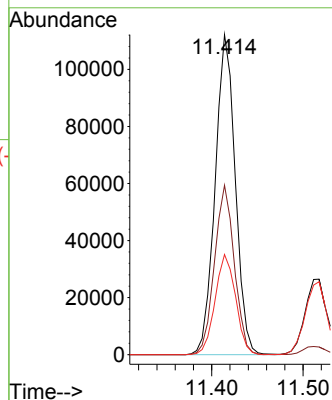
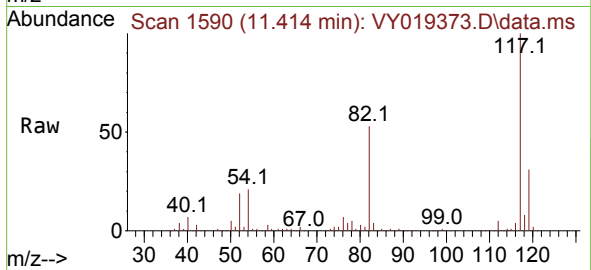




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

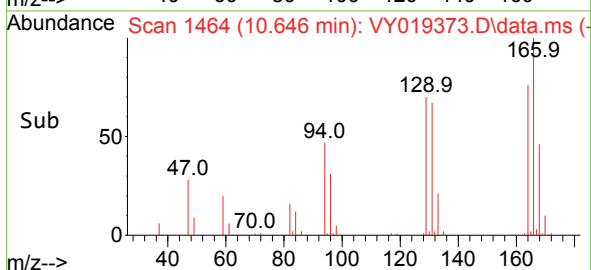
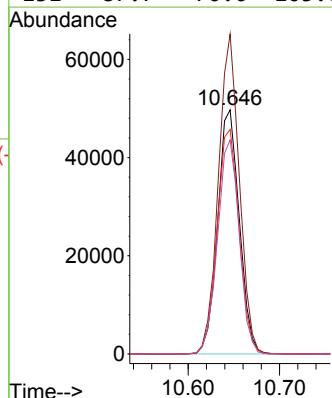
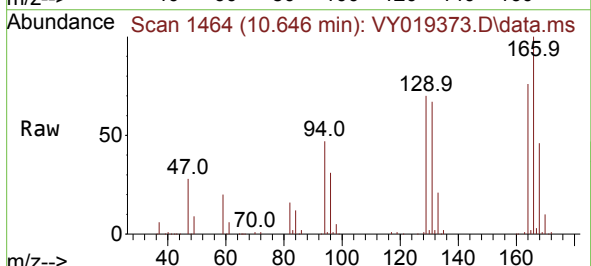
Instrument :
MSVOA_Y
ClientSampleId :

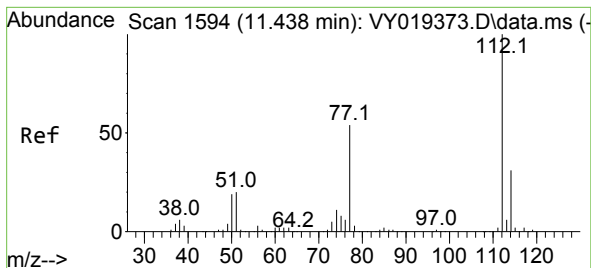
Tgt Ion:117 Resp: 171963
Ion Ratio Lower Upper
117 100
82 53.0 42.4 63.6
119 31.3 25.9 38.9



#64
Tetrachloroethene
Concen: 48.681 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

Tgt Ion:164 Resp: 81763
Ion Ratio Lower Upper
164 100
166 131.0 102.6 154.0
129 91.9 72.0 108.0
131 87.7 70.0 105.0

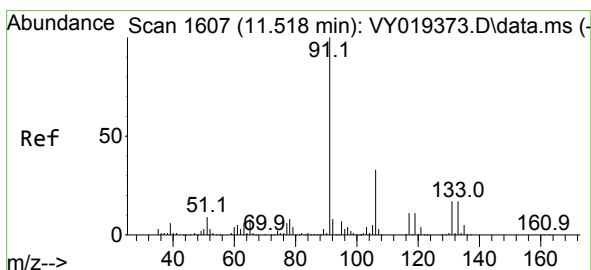
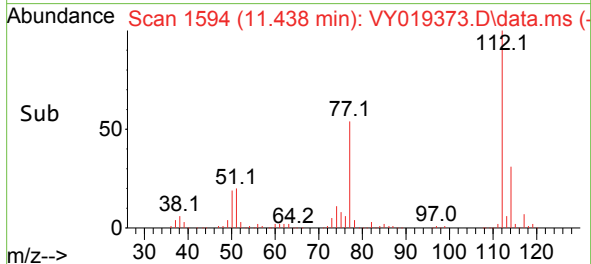
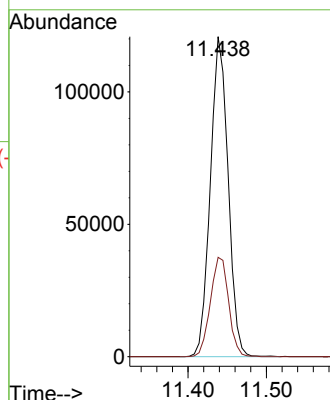
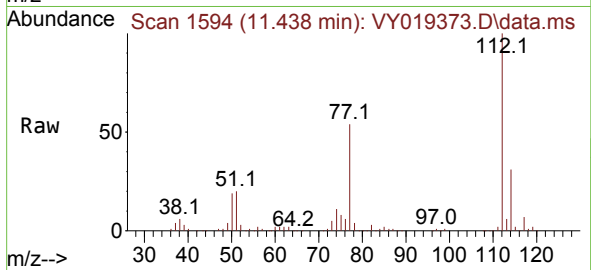




#65
Chlorobenzene
Concen: 49.453 ug/l
RT: 11.438 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

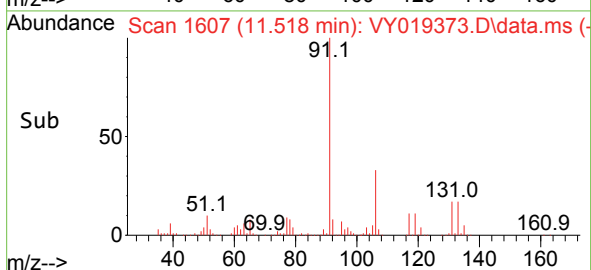
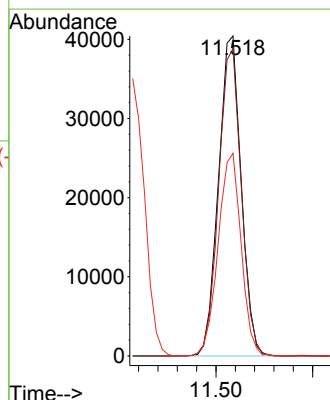
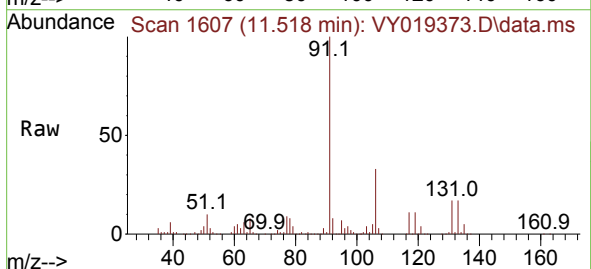
Instrument :
MSVOA_Y
ClientSampleId :

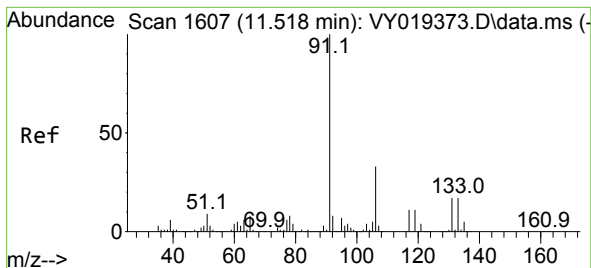
Tgt Ion:112 Resp: 190260
Ion Ratio Lower Upper
112 100
114 31.0 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.281 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

Tgt Ion:131 Resp: 65745
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.3
119 64.2 34.1 102.2





#67

Ethyl Benzene

Concen: 51.788 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

Instrument :

MSVOA_Y

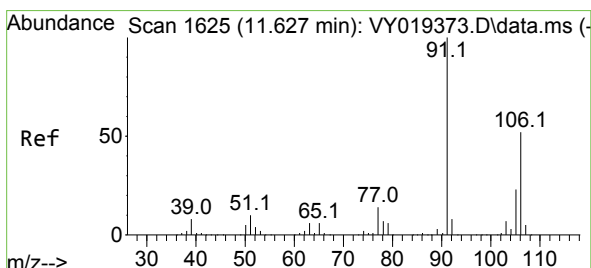
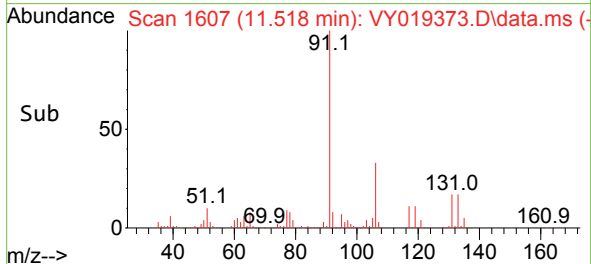
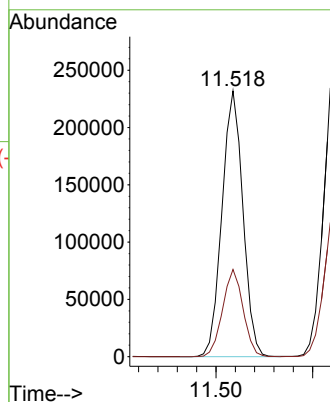
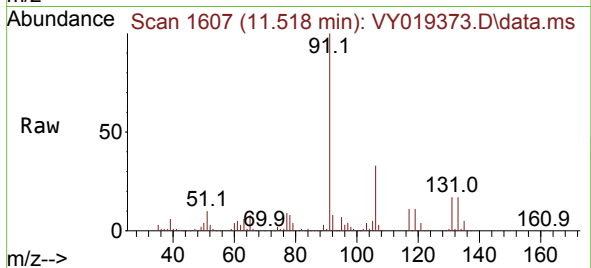
ClientSampleId :

Tgt Ion: 91 Resp: 348347

Ion Ratio Lower Upper

91 100

106 32.8 24.5 36.7



#68

m/p-Xylenes

Concen: 105.133 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY019373.D

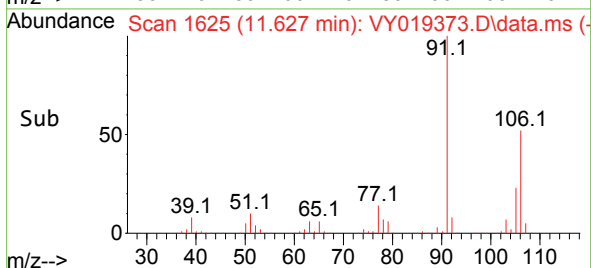
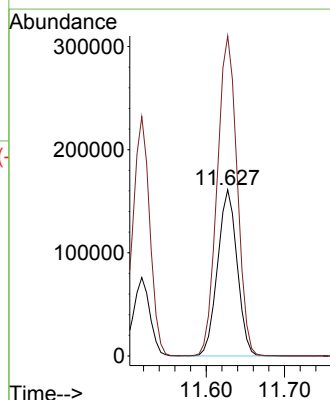
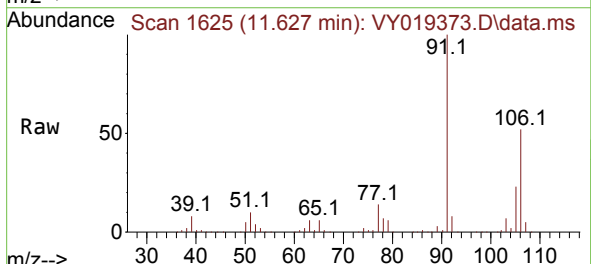
Acq: 29 Aug 2024 15:40

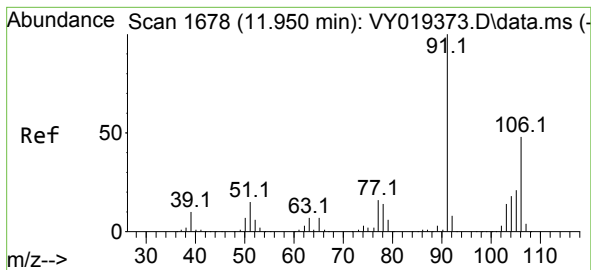
Tgt Ion:106 Resp: 279797

Ion Ratio Lower Upper

106 100

91 196.2 156.0 234.0





#69

o-Xylene

Concen: 52.124 ug/l

RT: 11.950 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

Instrument :

MSVOA_Y

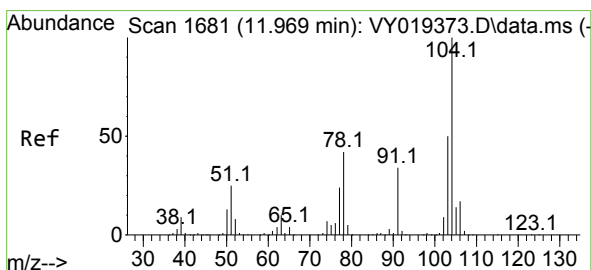
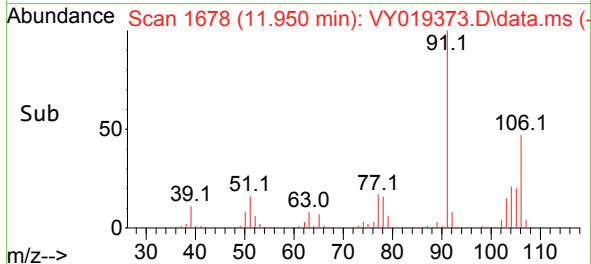
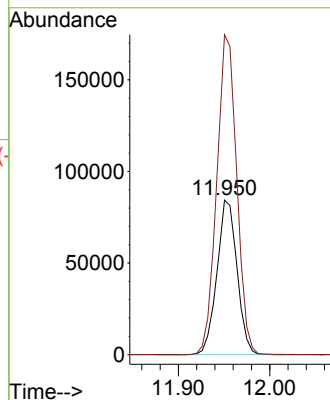
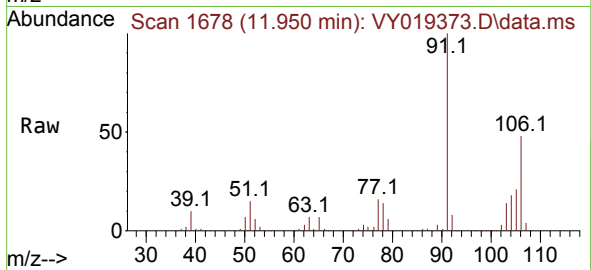
ClientSampleId :

Tgt Ion:106 Resp: 129210

Ion Ratio Lower Upper

106 100

91 206.3 103.6 310.8



#70

Styrene

Concen: 54.281 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

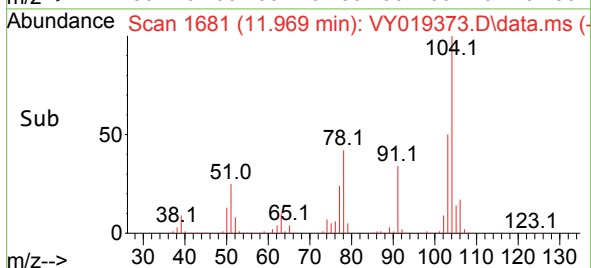
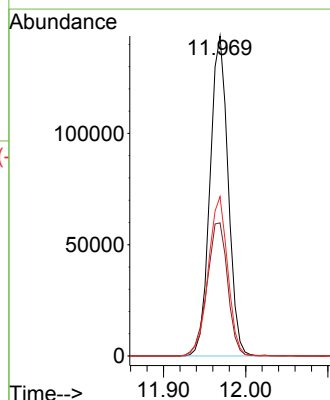
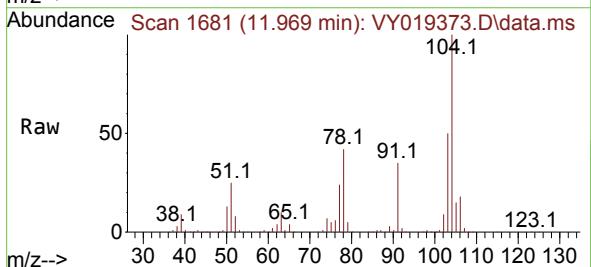
Tgt Ion:104 Resp: 220177

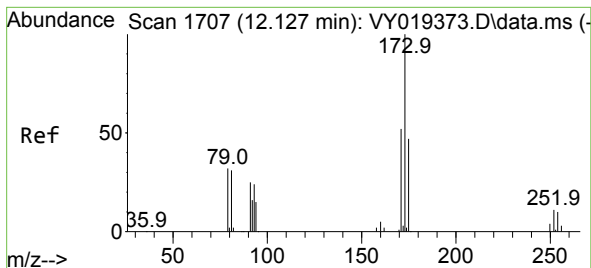
Ion Ratio Lower Upper

104 100

78 47.6 37.0 55.4

103 53.3 44.2 66.2





#71

Bromoform

Concen: 48.789 ug/l

RT: 12.127 min Scan# 1707

Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

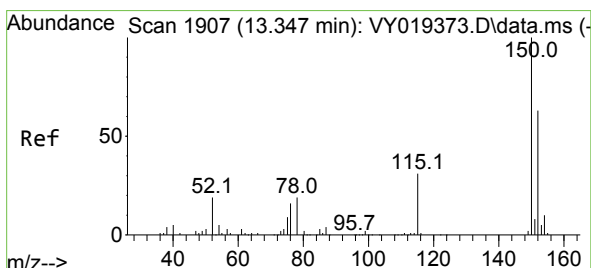
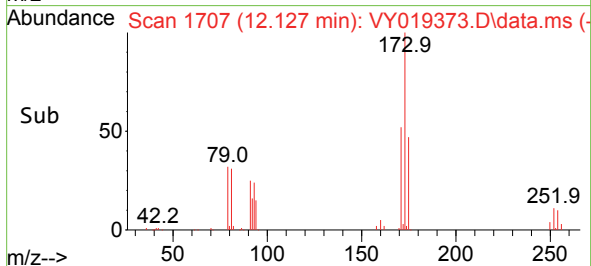
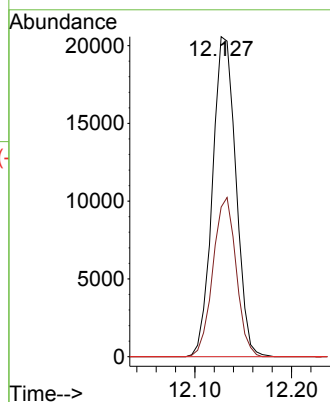
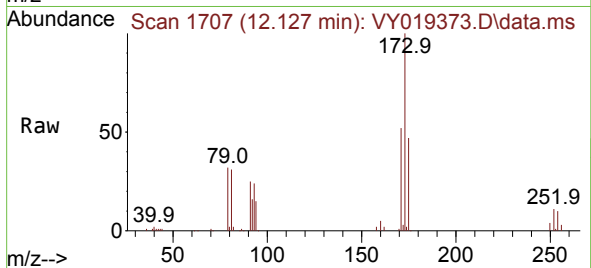
Tgt Ion:173 Resp: 34597

Ion Ratio Lower Upper

173 100

175 49.3 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

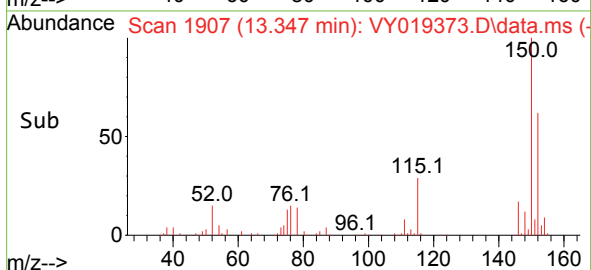
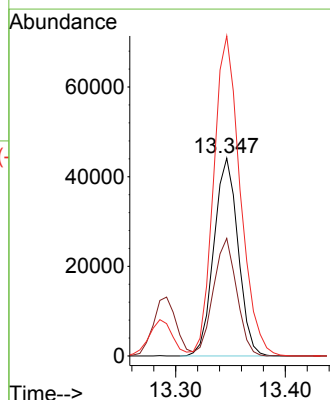
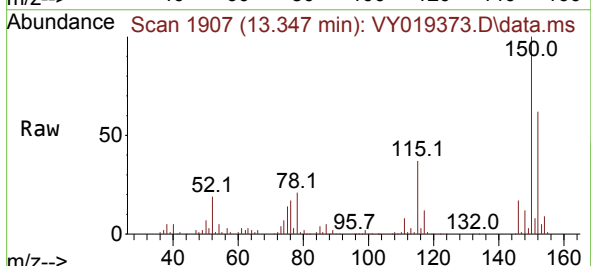
Tgt Ion:152 Resp: 67717

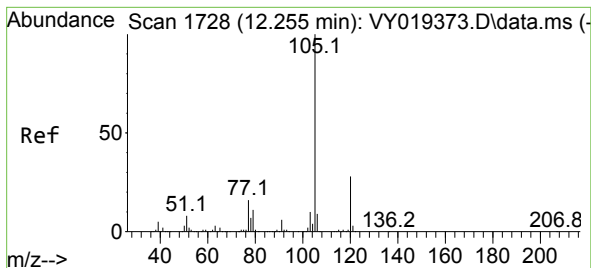
Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.7

150 177.7 0.0 345.6





#73

Isopropylbenzene

Concen: 57.345 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

Instrument :

MSVOA_Y

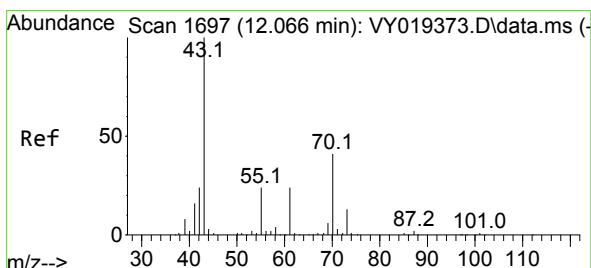
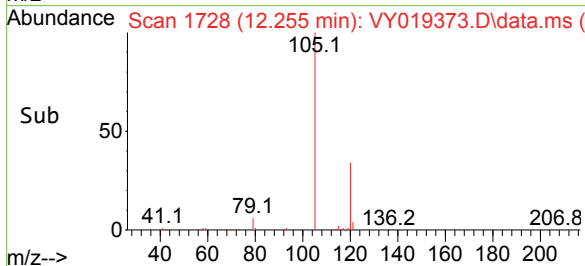
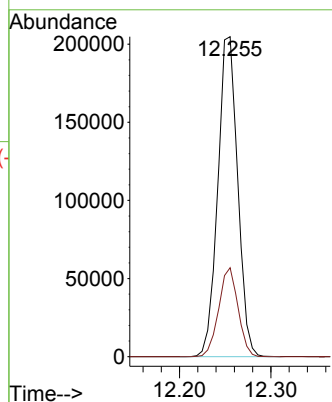
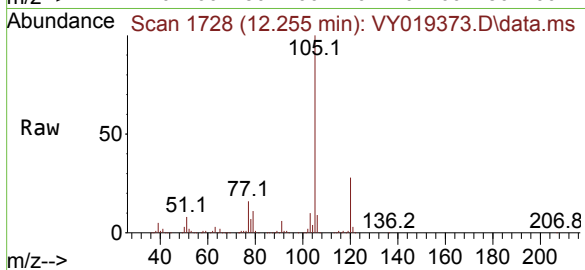
ClientSampleId :

Tgt Ion:105 Resp: 309639

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.1



#74

N-ethyl acetate

Concen: 63.345 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

Tgt Ion: 43 Resp: 65770

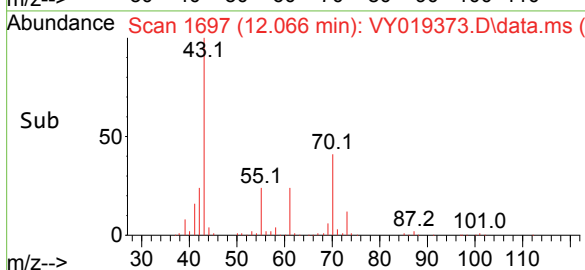
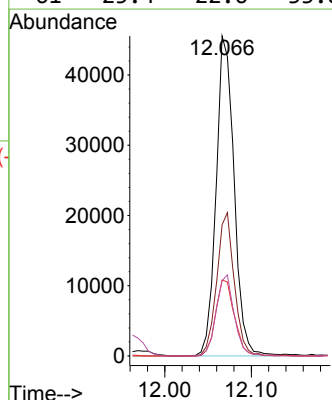
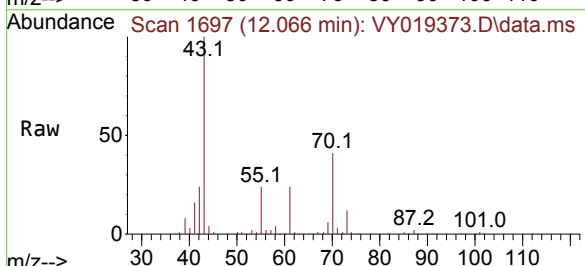
Ion Ratio Lower Upper

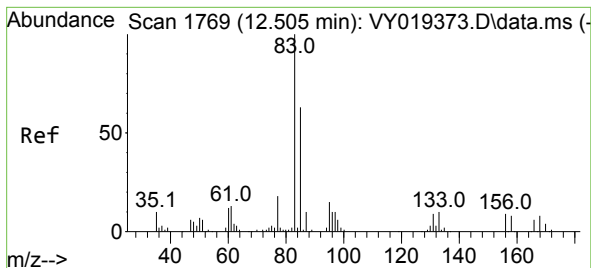
43 100

70 43.7 41.4 62.2

55 24.8 23.3 34.9

61 25.4 22.6 33.8

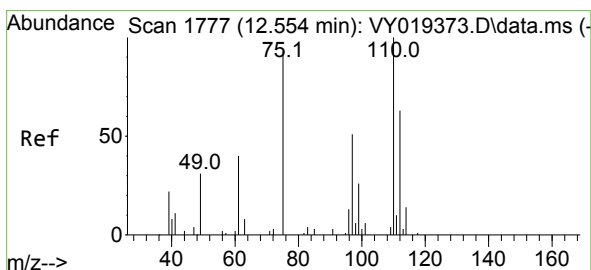
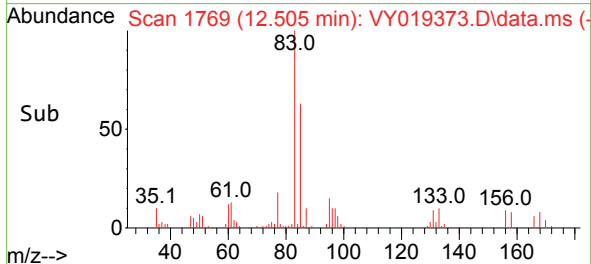
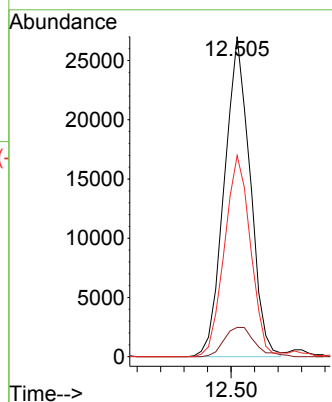
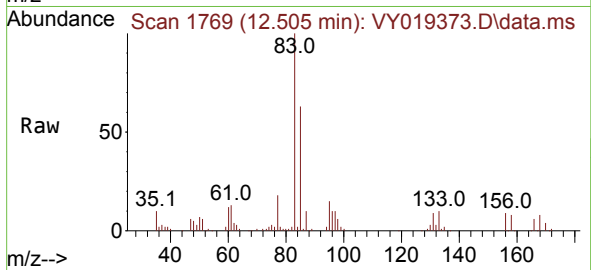




#75
1,1,2,2-Tetrachloroethane
Concen: 51.202 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

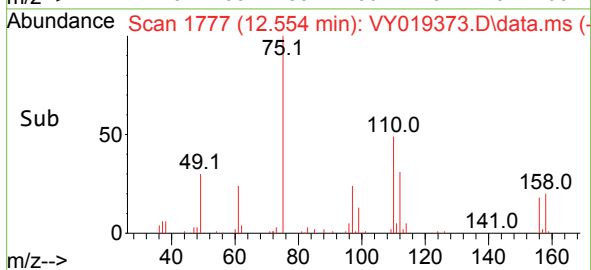
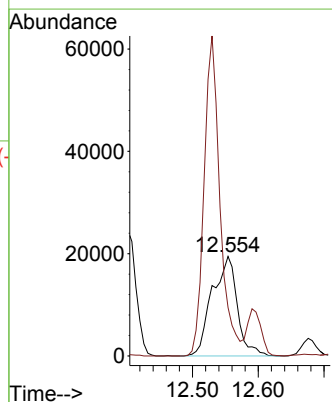
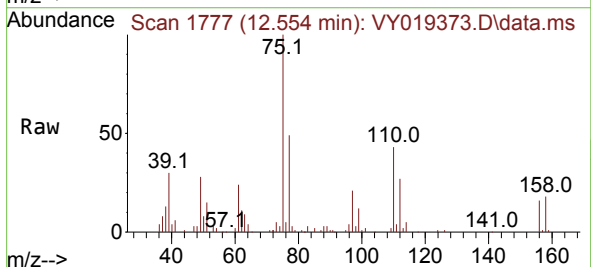
Instrument :
MSVOA_Y
ClientSampleId :

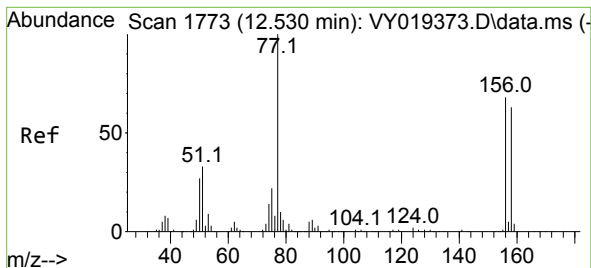
Tgt Ion:	83	Resp:	41089
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.0	14.9
85	64.0	32.0	96.0



#76
1,2,3-Trichloropropane
Concen: 86.926 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

Tgt Ion:	75	Resp:	51850
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.648 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

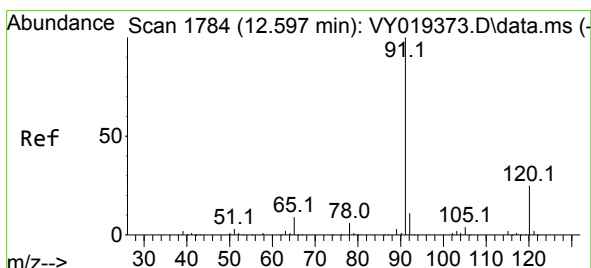
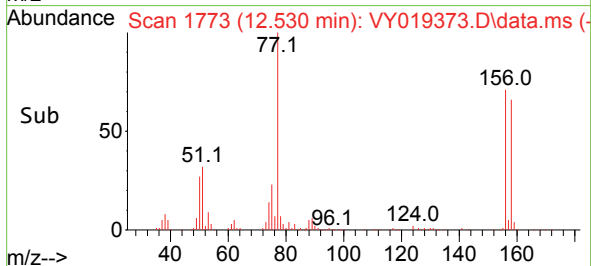
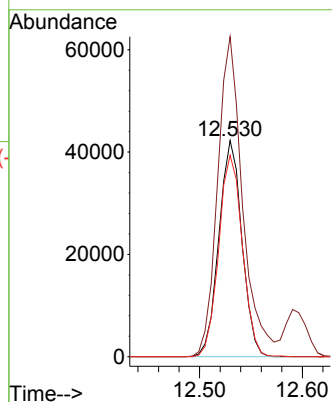
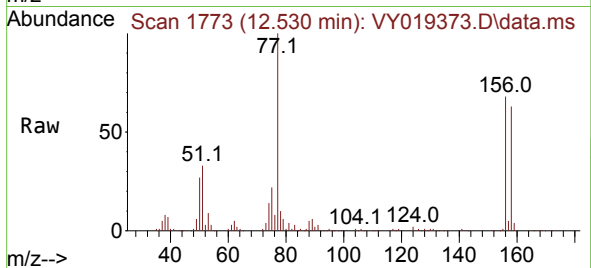
Tgt Ion:156 Resp: 65707

Ion Ratio Lower Upper

156 100

77 160.2 87.1 261.3

158 95.6 48.6 145.9



#78

n-propylbenzene

Concen: 53.810 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019373.D

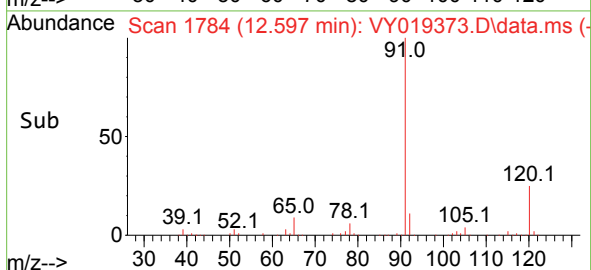
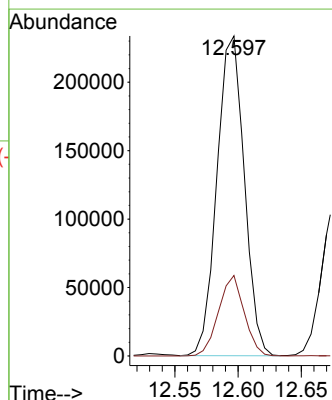
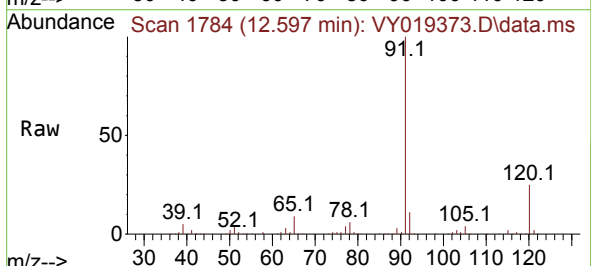
Acq: 29 Aug 2024 15:40

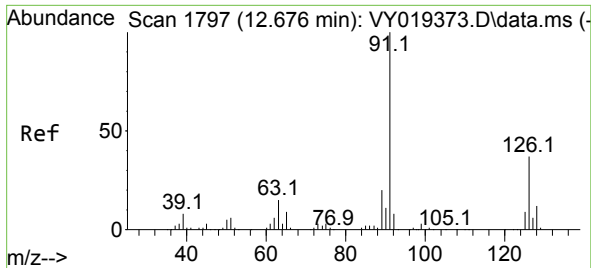
Tgt Ion: 91 Resp: 351059

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4

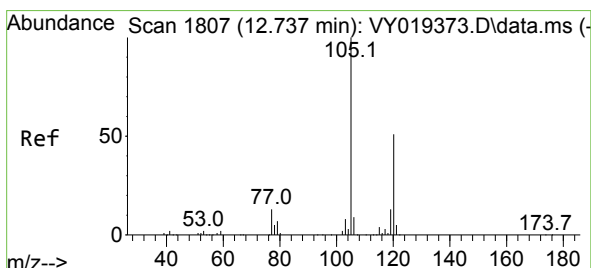
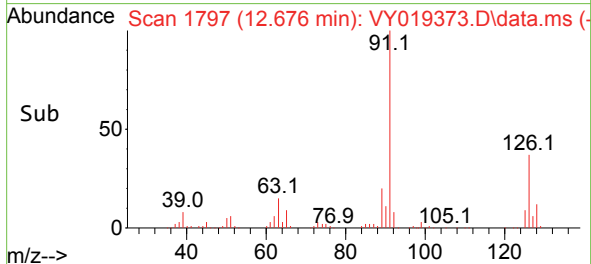
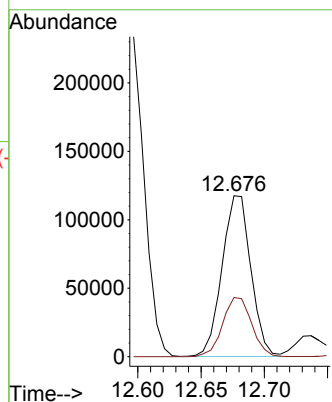
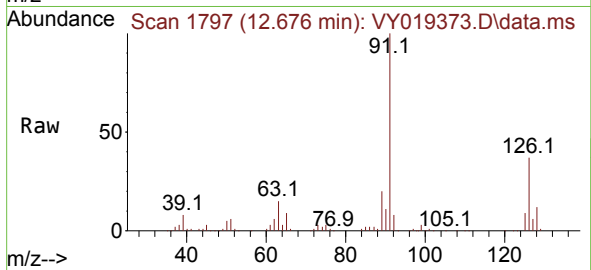




#79
2-Chlorotoluene
Concen: 51.267 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

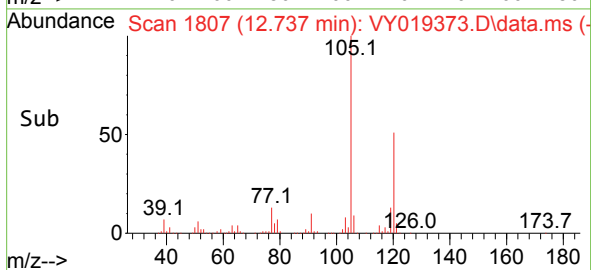
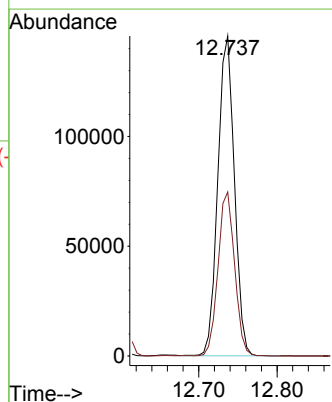
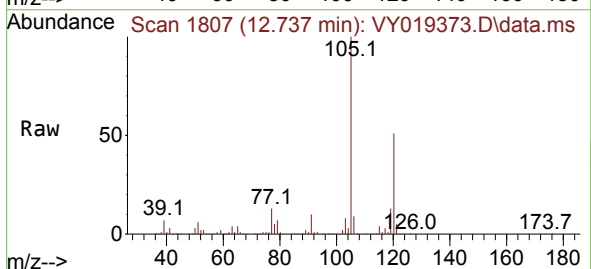
Instrument :
MSVOA_Y
ClientSampleId :

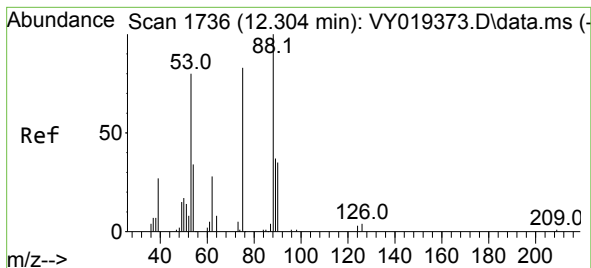
Tgt Ion: 91 Resp: 186339
Ion Ratio Lower Upper
91 100
126 37.0 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 50.373 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

Tgt Ion: 105 Resp: 214301
Ion Ratio Lower Upper
105 100
120 51.5 25.1 75.2

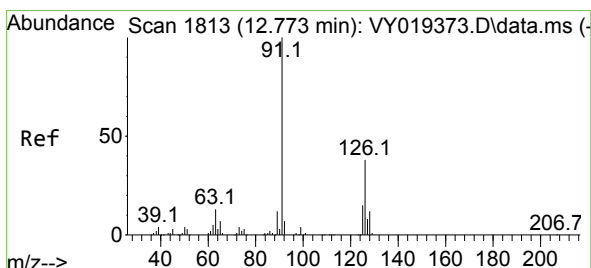
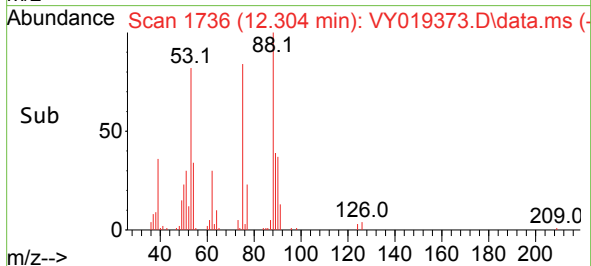
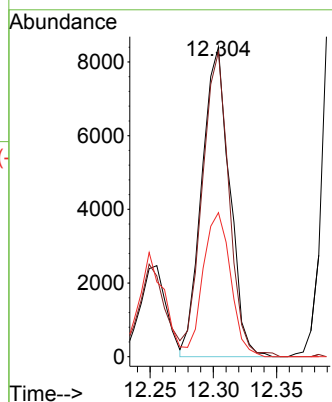
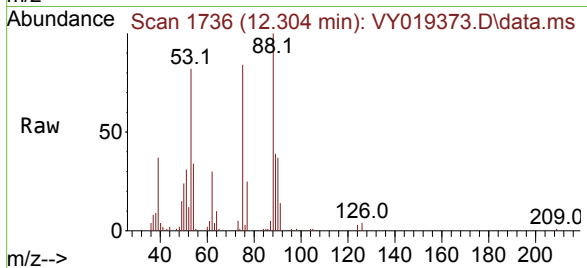




#81
trans-1,4-Dichloro-2-butene
Concen: 53.468 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

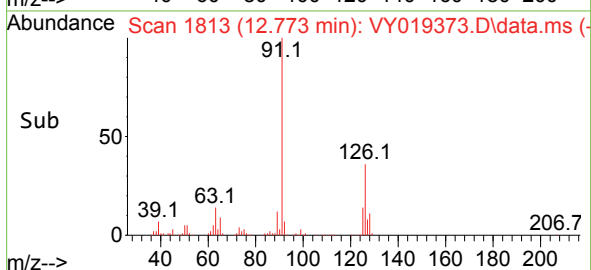
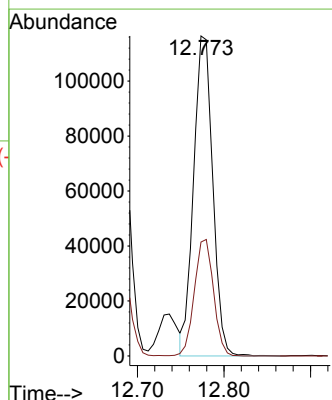
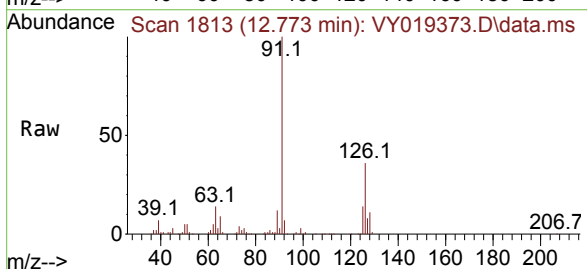
Instrument :
MSVOA_Y
ClientSampleId :

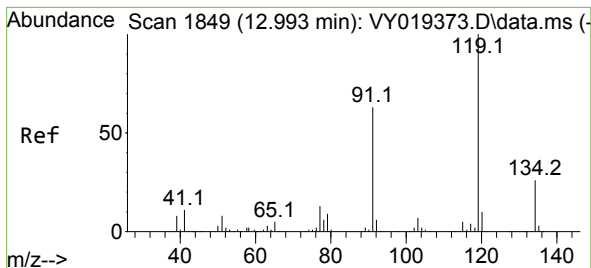
Tgt Ion: 75 Resp: 12852
Ion Ratio Lower Upper
75 100
53 94.7 66.8 100.2
89 45.6 35.8 53.6



#82
4-Chlorotoluene
Concen: 48.684 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY019373.D
Acq: 29 Aug 2024 15:40

Tgt Ion: 91 Resp: 179005
Ion Ratio Lower Upper
91 100
126 36.4 17.6 52.9





#83

tert-Butylbenzene

Concen: 52.740 ug/l

RT: 12.993 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

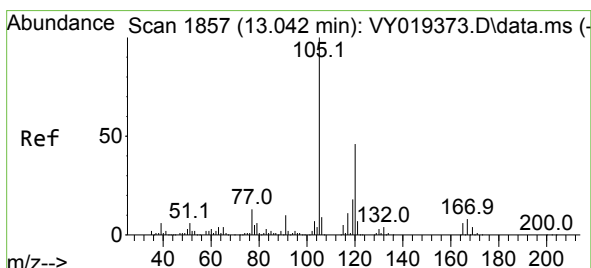
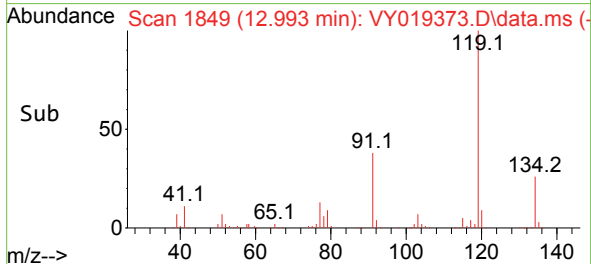
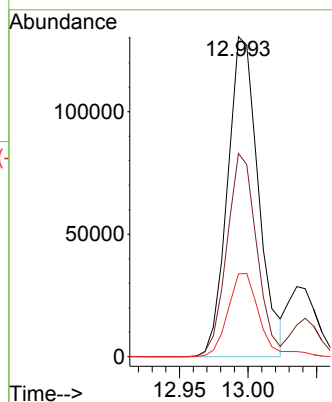
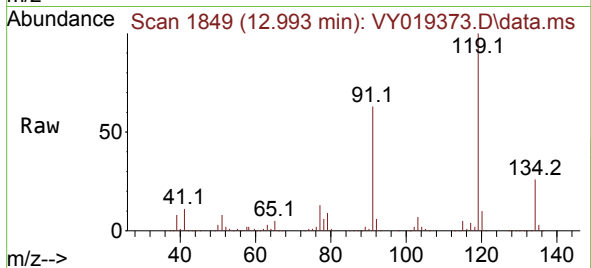
Tgt Ion:119 Resp: 205212

Ion Ratio Lower Upper

119 100

91 61.5 31.3 93.8

134 26.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 52.431 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY019373.D

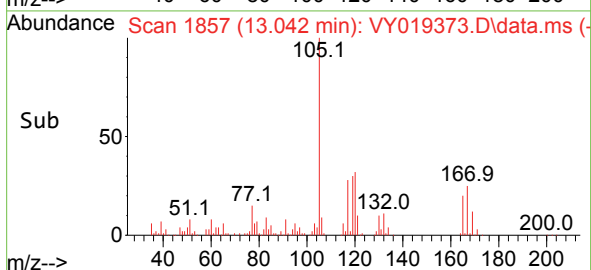
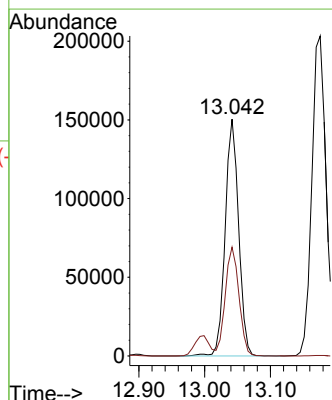
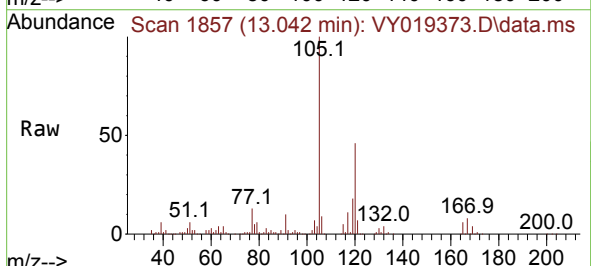
Acq: 29 Aug 2024 15:40

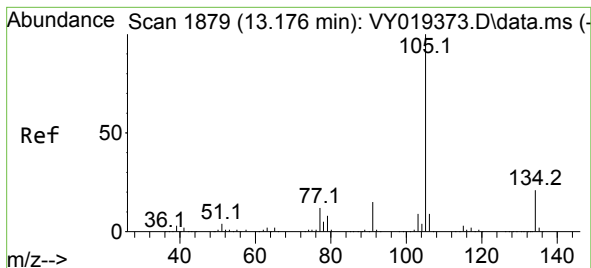
Tgt Ion:105 Resp: 214151

Ion Ratio Lower Upper

105 100

120 46.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 53.188 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

Instrument :

MSVOA_Y

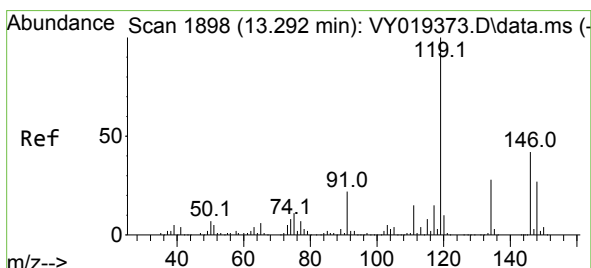
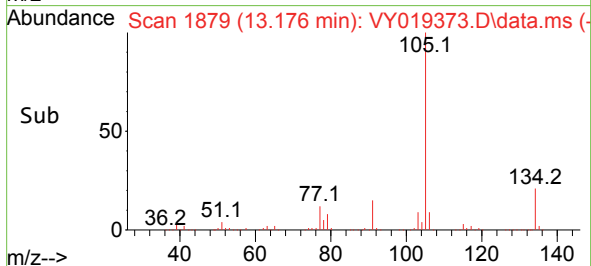
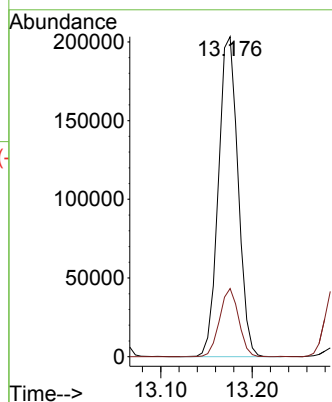
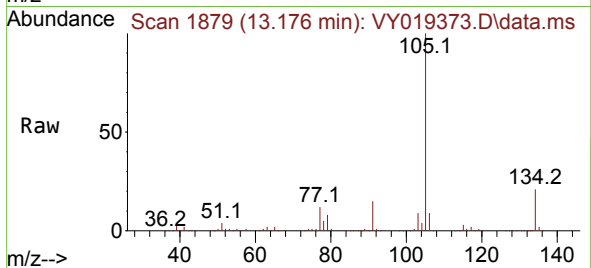
ClientSampleId :

Tgt Ion:105 Resp: 303306

Ion Ratio Lower Upper

105 100

134 20.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 53.428 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

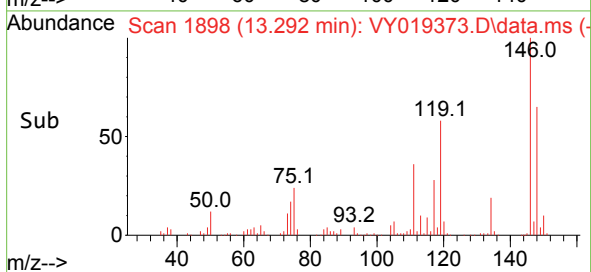
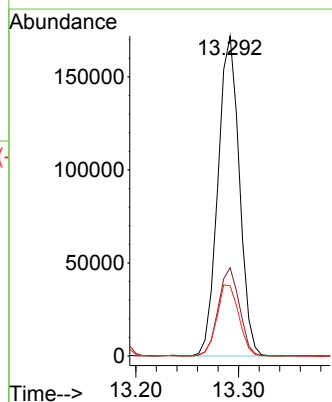
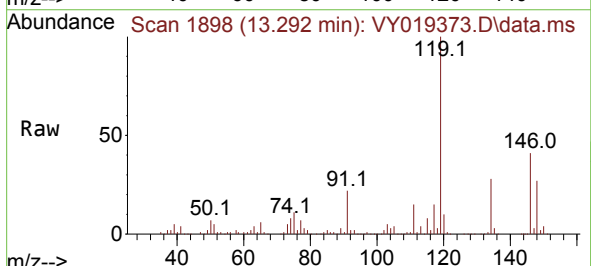
Tgt Ion:119 Resp: 248180

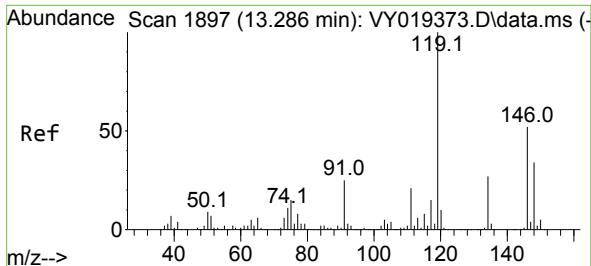
Ion Ratio Lower Upper

119 100

134 27.3 13.1 39.3

91 22.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 51.931 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

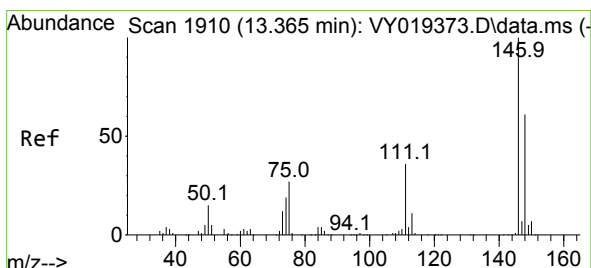
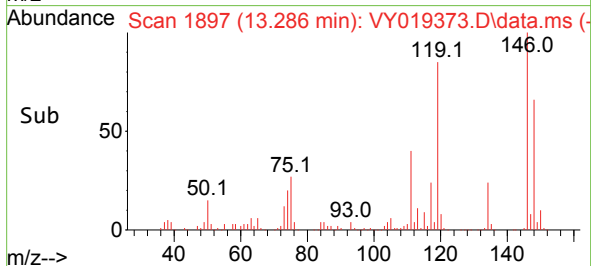
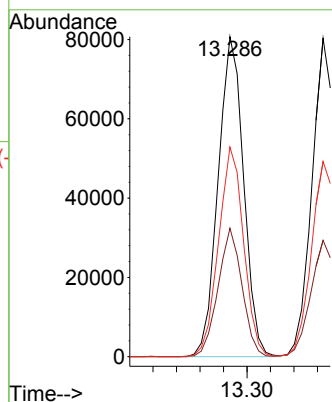
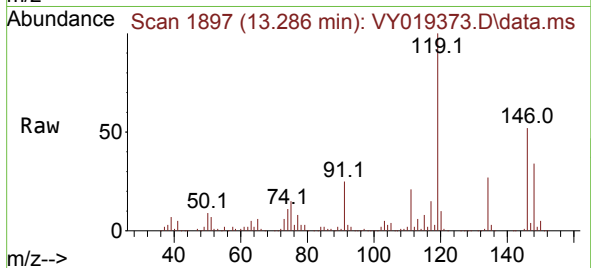
Tgt Ion:146 Resp: 121537

Ion Ratio Lower Upper

146 100

111 37.9 19.0 57.0

148 64.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 49.748 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

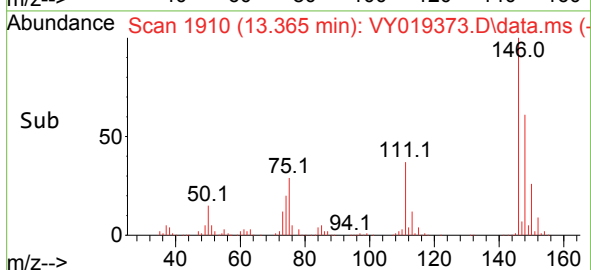
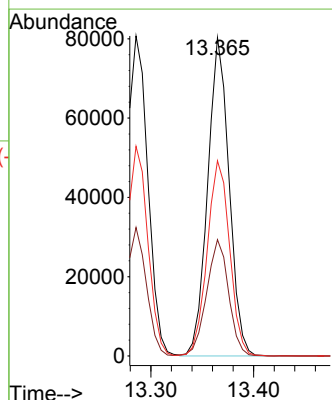
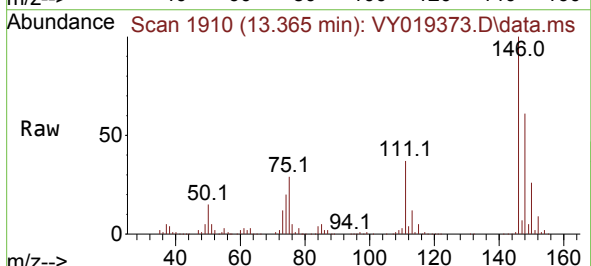
Tgt Ion:146 Resp: 116168

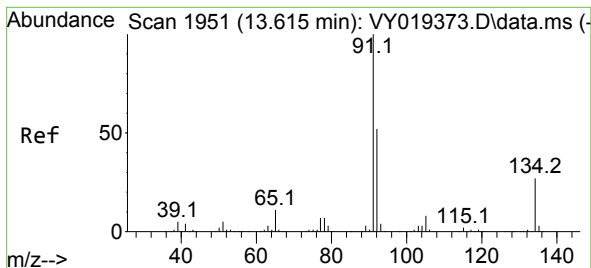
Ion Ratio Lower Upper

146 100

111 37.7 18.4 55.4

148 64.2 32.4 97.2





#89

n-Butylbenzene

Concen: 51.659 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

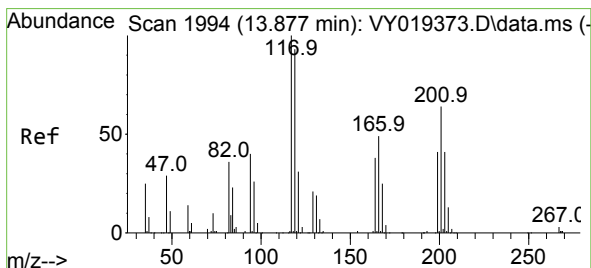
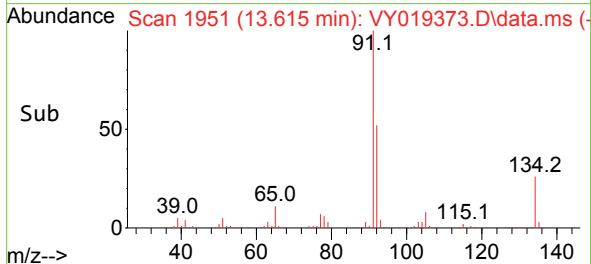
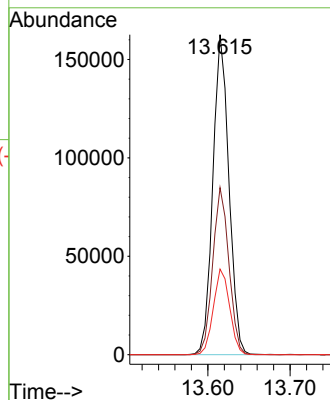
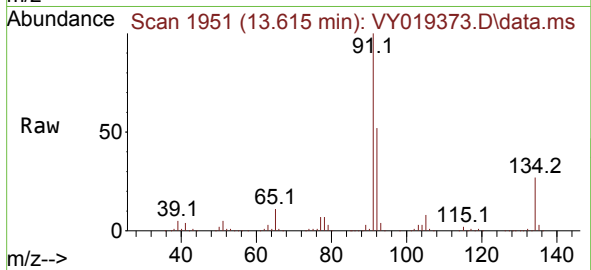
Tgt Ion: 91 Resp: 220481

Ion Ratio Lower Upper

91 100

92 52.7 26.6 79.7

134 27.2 12.9 38.7



#90

Hexachloroethane

Concen: 51.075 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY019373.D

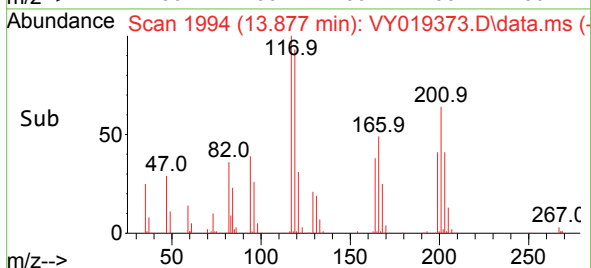
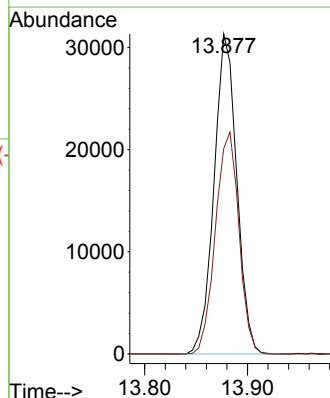
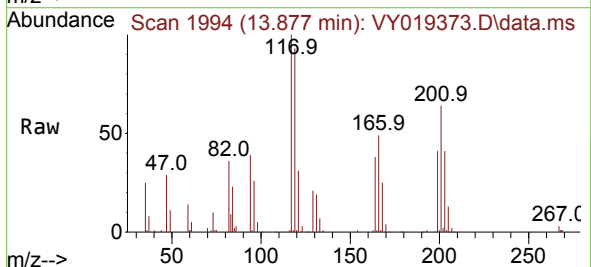
Acq: 29 Aug 2024 15:40

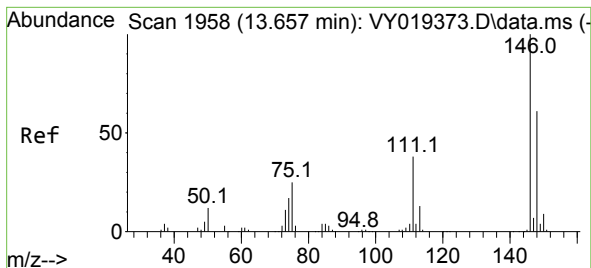
Tgt Ion: 117 Resp: 48095

Ion Ratio Lower Upper

117 100

201 71.6 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 49.413 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

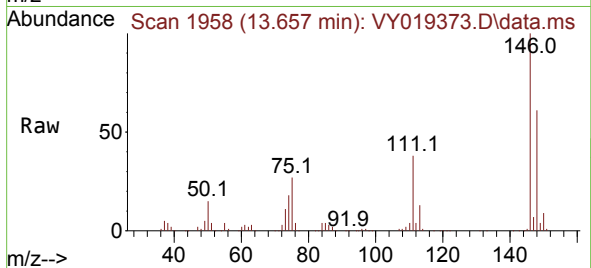
Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :



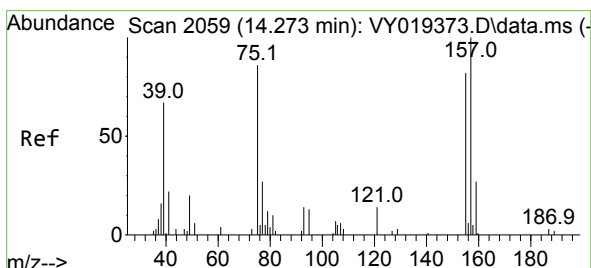
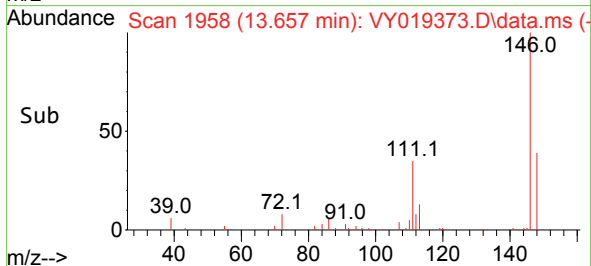
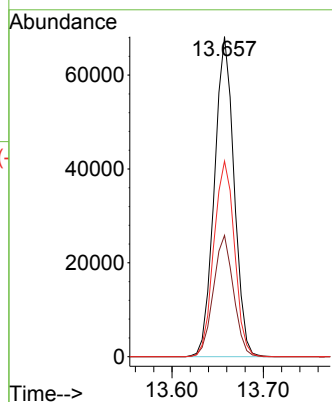
Tgt Ion:146 Resp: 102070

Ion Ratio Lower Upper

146 100

111 38.7 19.9 59.7

148 64.1 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.623 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

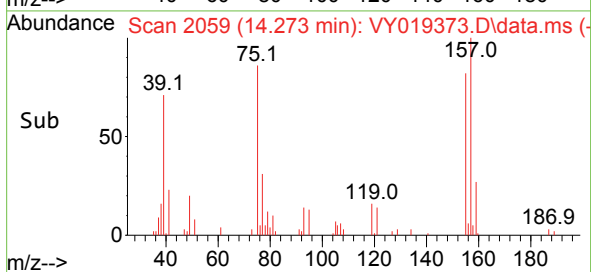
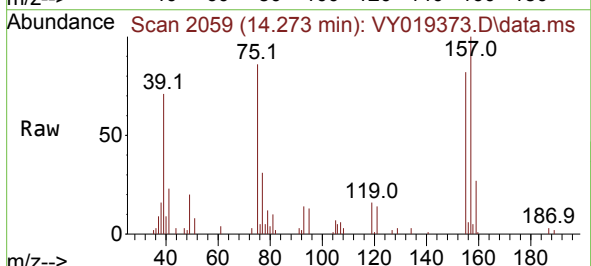
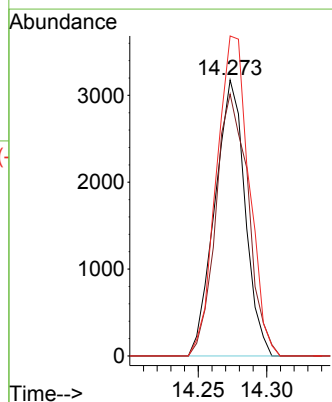
Tgt Ion: 75 Resp: 4870

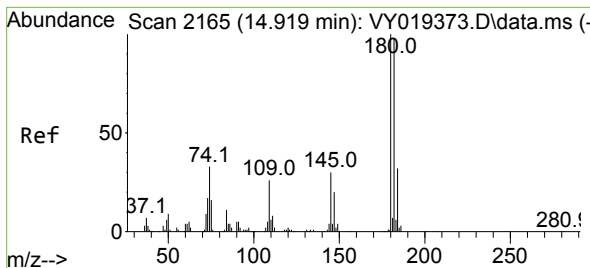
Ion Ratio Lower Upper

75 100

155 101.7 48.6 145.8

157 125.4 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 61.306 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

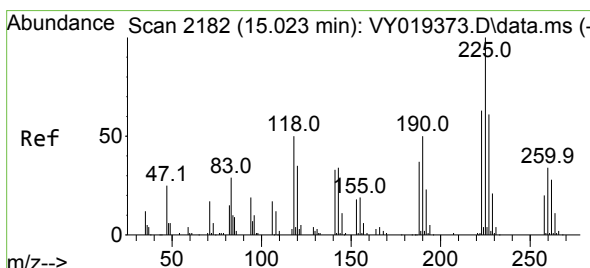
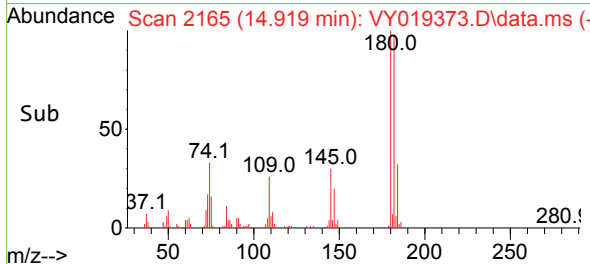
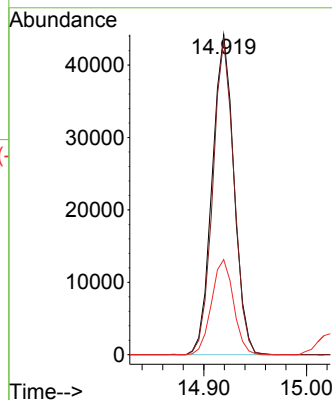
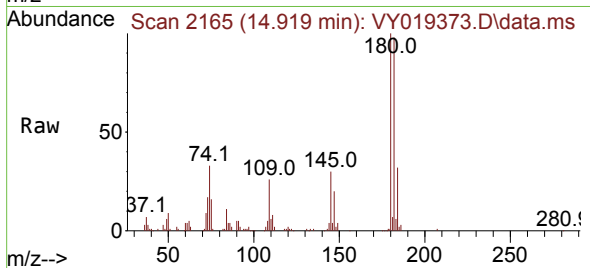
Tgt Ion:180 Resp: 65066

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.8

145 30.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 54.149 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

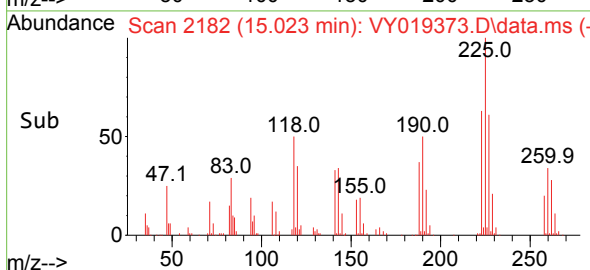
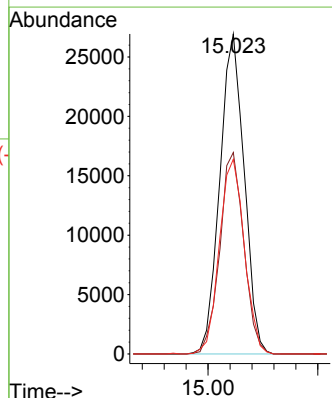
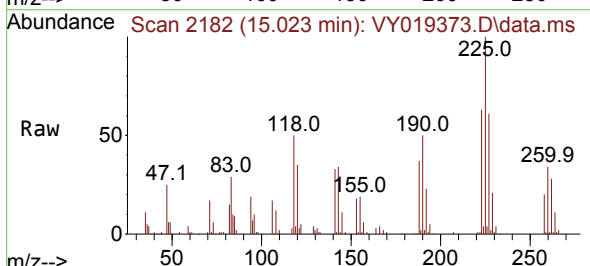
Tgt Ion:225 Resp: 41599

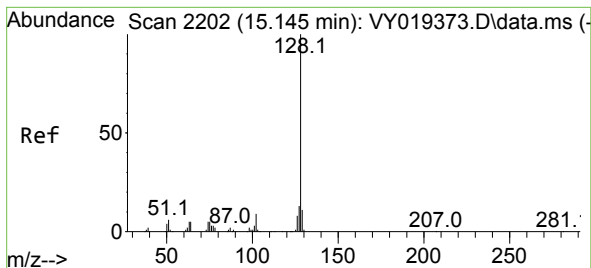
Ion Ratio Lower Upper

225 100

223 62.0 30.4 91.2

227 62.1 31.9 95.9





#95

Naphthalene

Concen: 60.513 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

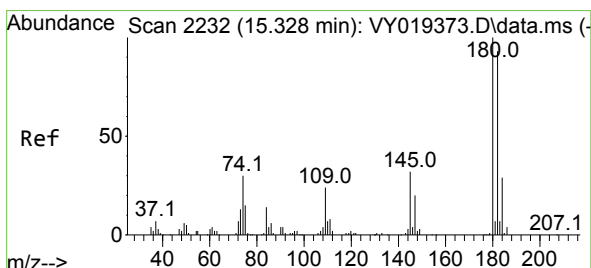
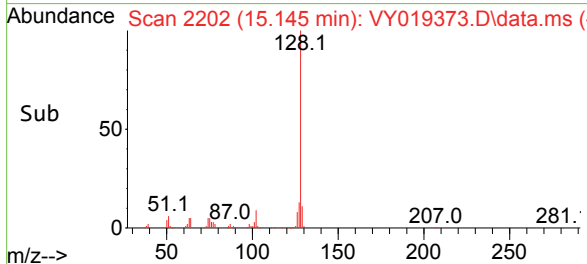
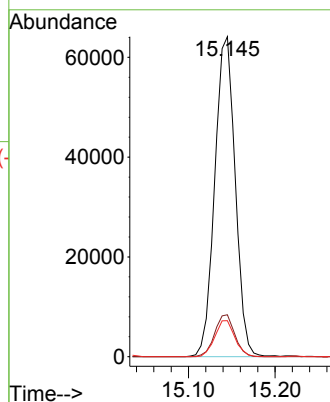
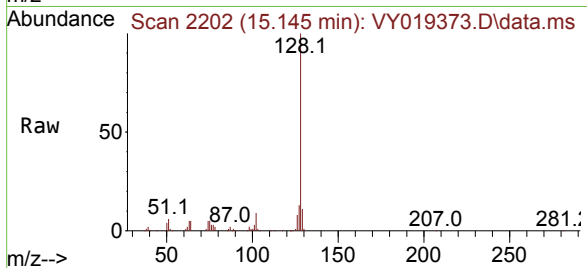
Tgt Ion:128 Resp: 105161

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 59.892 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019373.D

Acq: 29 Aug 2024 15:40

Tgt Ion:180 Resp: 54386

Ion Ratio Lower Upper

180 100

182 94.0 47.6 142.9

145 31.1 15.4 46.1

