

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY080822.D
 Acq On : 08 Aug 2022 12:55
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 08 18:09:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	53926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	87467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	84944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	44182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	22024	52.451	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.900%	
35) Dibromofluoromethane	7.703	113	25233	53.143	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.280%	
50) Toluene-d8	10.173	98	73336	51.142	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.280%	
62) 4-Bromofluorobenzene	12.477	95	38605	58.230	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.460%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	23714	51.547	ug/l	97
3) Chloromethane	2.107	50	29513	51.591	ug/l	96
4) Vinyl Chloride	2.241	62	32561	54.708	ug/l	98
5) Bromomethane	2.637	94	22059	54.473	ug/l	96
6) Chloroethane	2.784	64	20821	57.864	ug/l	97
7) Trichlorofluoromethane	3.107	101	52659	54.536	ug/l	100
8) Diethyl Ether	3.515	74	18308	54.445	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.881	101	30654	55.364	ug/l	95
10) Methyl Iodide	4.076	142	35460	55.783	ug/l	99
11) Tert butyl alcohol	4.954	59	16522	270.249	ug/l	97
12) 1,1-Dichloroethene	3.857	96	27648	53.927	ug/l	96
13) Acrolein	3.722	56	1071	160.485	ug/l	87
14) Allyl chloride	4.460	41	53288	55.778	ug/l	97
15) Acrylonitrile	5.149	53	52805	293.158	ug/l	98
16) Acetone	3.936	43	53211	349.806	ug/l	93
17) Carbon Disulfide	4.174	76	75219	46.019	ug/l	99
18) Methyl Acetate	4.466	43	24914	54.675	ug/l	98
19) Methyl tert-butyl Ether	5.204	73	84332	58.946	ug/l	99
20) Methylene Chloride	4.704	84	42513	60.519	ug/l	98
21) trans-1,2-Dichloroethene	5.204	96	32497	55.335	ug/l	100
22) Diisopropyl ether	6.106	45	121470	60.505	ug/l	95
23) Vinyl Acetate	6.045	43	391505	311.417	ug/l	97
24) 1,1-Dichloroethane	6.003	63	61982	57.129	ug/l	98
25) 2-Butanone	6.972	43	79021	315.450	ug/l	95
26) 2,2-Dichloropropane	6.972	77	54071	57.403	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	38851	58.292	ug/l	98
28) Bromochloromethane	7.319	49	23526	62.244	ug/l	89
29) Tetrahydrofuran	7.338	42	48827	298.611	ug/l	95
30) Chloroform	7.496	83	62880	57.652	ug/l	98
31) Cyclohexane	7.771	56	53964	51.548	ug/l	94
32) 1,1,1-Trichloroethane	7.691	97	52330	56.875	ug/l	97
36) 1,1-Dichloropropene	7.911	75	46511	58.053	ug/l	98
37) Ethyl Acetate	7.063	43	32158	60.496	ug/l	98
38) Carbon Tetrachloride	7.886	117	46957	59.052	ug/l	99
39) Methylcyclohexane	9.179	83	53750	56.898	ug/l	96
40) Benzene	8.149	78	144797	60.293	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	43774	150.766	ug/l #	100
42) 1,2-Dichloroethane	8.228	62	40007	60.040	ug/l	100
43) Isopropyl Acetate	8.264	43	58024	61.319	ug/l	96
44) Trichloroethene	8.935	130	35714	57.403	ug/l	98
45) 1,2-Dichloropropane	9.209	63	38464	61.735	ug/l	99
46) Dibromomethane	9.301	93	20850	59.864	ug/l	97
47) Bromodichloromethane	9.490	83	48887	61.170	ug/l	99
48) Methyl methacrylate	9.289	41	25356	60.239	ug/l	94
49) 1,4-Dioxane	9.289	88	4599	1150.370	ug/l	94
51) 4-Methyl-2-Pentanone	10.063	43	163623	312.875	ug/l	97
52) Toluene	10.240	92	89409	60.152	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	52537	62.696	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	58105	60.777	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	31126	61.909	ug/l	98
56) Ethyl methacrylate	10.508	69	42210	64.937	ug/l	92
57) 1,3-Dichloropropane	10.788	76	51869	61.509	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	95619	317.964	ug/l	96
59) 2-Hexanone	10.831	43	119063	333.542	ug/l	98
60) Dibromochloromethane	10.983	129	37145	64.174	ug/l	98
61) 1,2-Dibromoethane	11.087	107	29385	61.472	ug/l	99
64) Tetrachloroethene	10.715	164	35568	57.165	ug/l	97
65) Chlorobenzene	11.514	112	99255	58.854	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	36966	60.638	ug/l	97
67) Ethyl Benzene	11.587	91	174210	59.644	ug/l	94
68) m/p-Xylenes	11.697	106	134501	120.358	ug/l	95
69) o-Xylene	12.026	106	65765	62.694	ug/l	97
70) Styrene	12.044	104	112800	62.699	ug/l	99
71) Bromoform	12.203	173	23001	61.087	ug/l #	99
73) Isopropylbenzene	12.325	105	171815	58.273	ug/l	98
74) N-amyl acetate	12.142	43	56212	58.758	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	38492	56.944	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	49492	102.385	ug/l #	100
77) Bromobenzene	12.605	156	38587	54.195	ug/l	88
78) n-propylbenzene	12.666	91	215824	57.624	ug/l	97
79) 2-Chlorotoluene	12.751	91	118849	56.697	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	141949	57.498	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	14066	58.830	ug/l	97
82) 4-Chlorotoluene	12.849	91	124691	56.423	ug/l	99
83) tert-Butylbenzene	13.074	119	123085	57.674	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	143683	58.919	ug/l	98
85) sec-Butylbenzene	13.251	105	192384	58.712	ug/l	98
86) p-Isopropyltoluene	13.367	119	155297	58.545	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	79981	56.165	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	80913	55.858	ug/l	99
89) n-Butylbenzene	13.696	91	154523	59.635	ug/l	97
90) Hexachloroethane	13.958	117	32106	58.089	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	73754	56.822	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6078	56.214	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	42576	57.869	ug/l	98
94) Hexachlorobutadiene	15.111	225	23643	56.580	ug/l	98
95) Naphthalene	15.233	128	94125	61.102	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	38231	58.406	ug/l	97

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Quant Title : SW846 8260
QLast Update : Mon Aug 08 17:55:50 2022
Response via : Initial Calibration

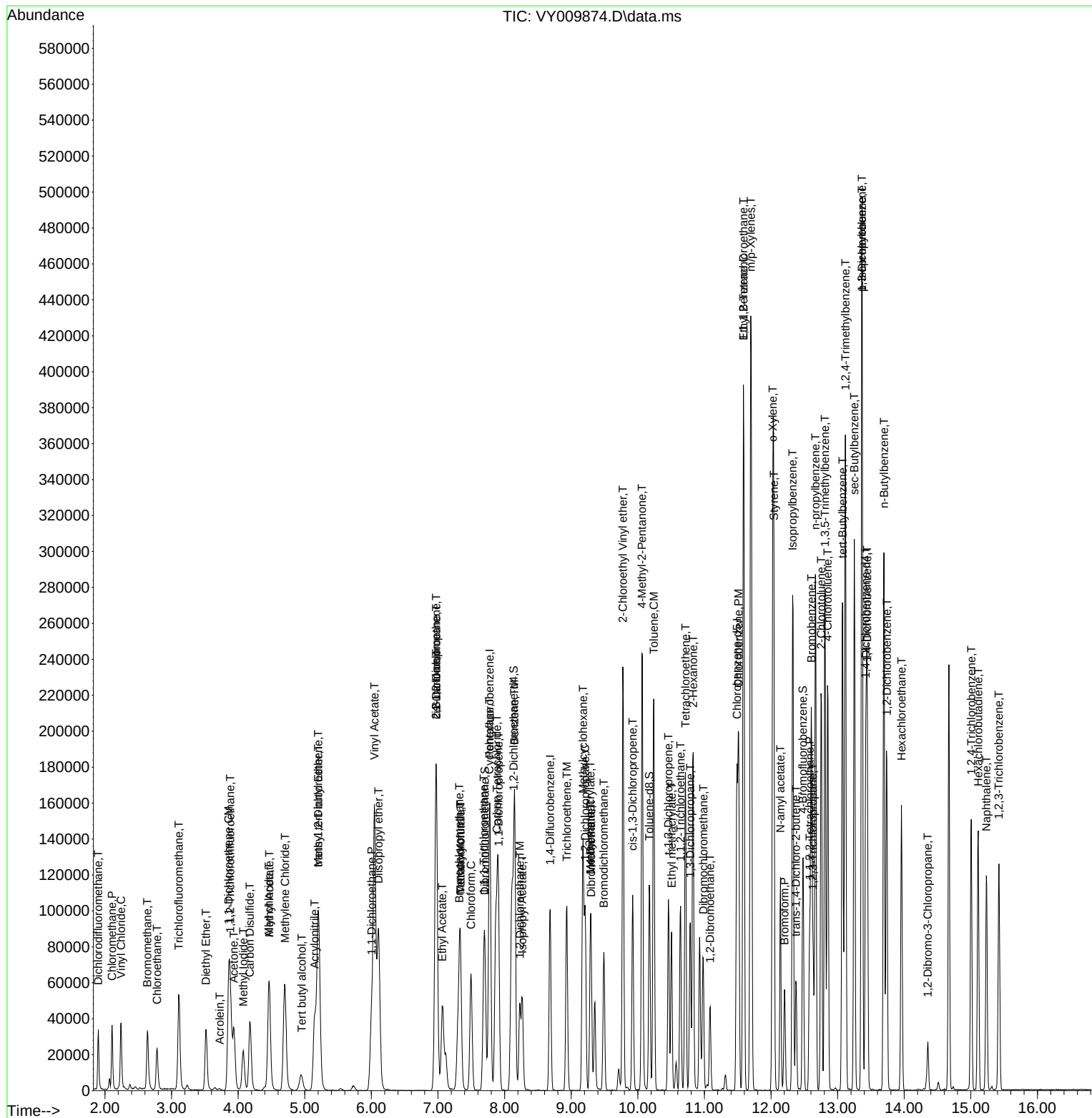
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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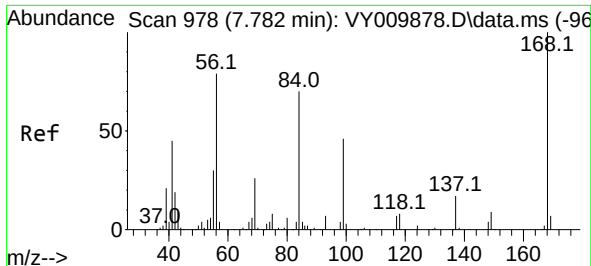
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VY0809874.D
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 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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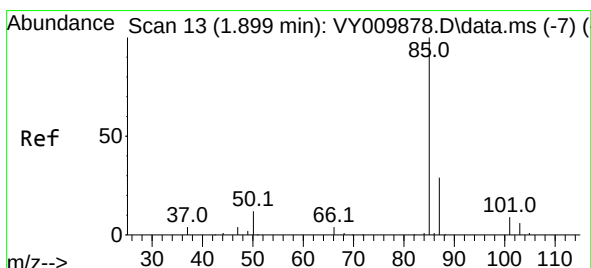
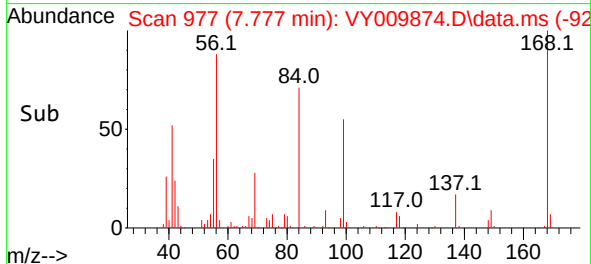
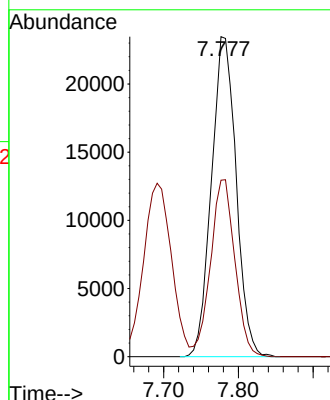
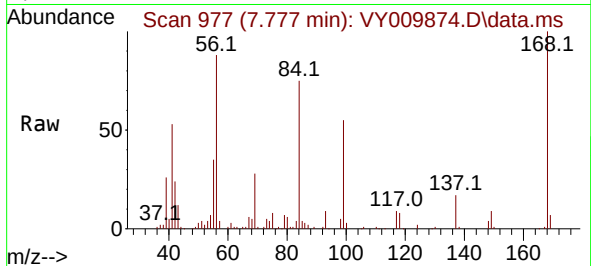




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.005 min
Lab File: VY009874.D
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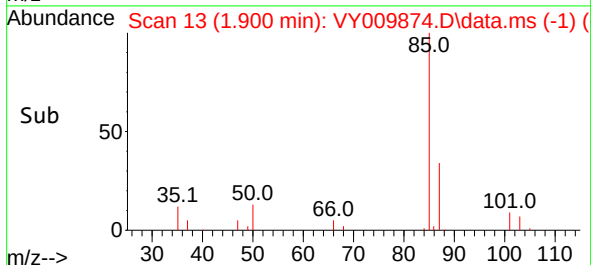
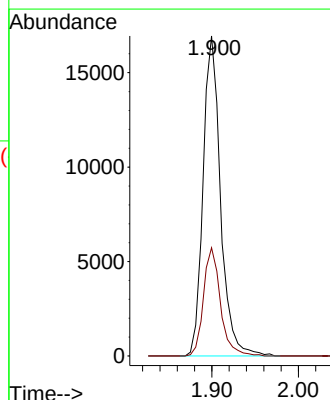
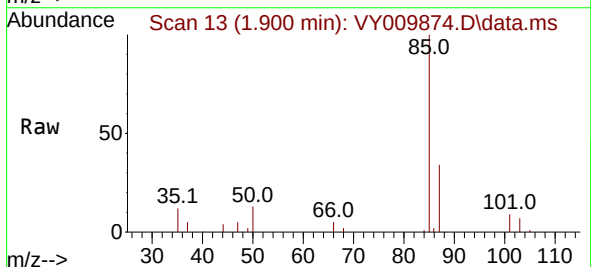
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

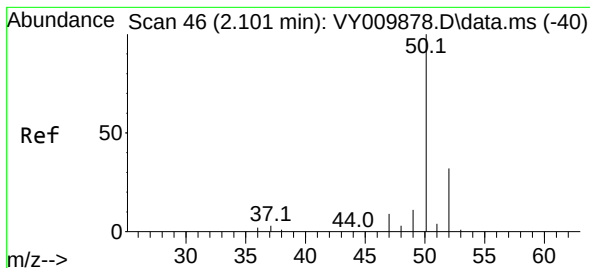
Tgt Ion:168 Resp: 53926
Ion Ratio Lower Upper
168 100
99 55.1 42.1 63.1



#2
Dichlorodifluoromethane
Concen: 51.547 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.001 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

Tgt Ion: 85 Resp: 23714
Ion Ratio Lower Upper
85 100
87 33.8 16.2 48.5





#3

Chloromethane

Concen: 51.591 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY009874.D

Acq: 08 Aug 2022 12:55

Instrument :

MSVOA_Y

ClientSampleId :

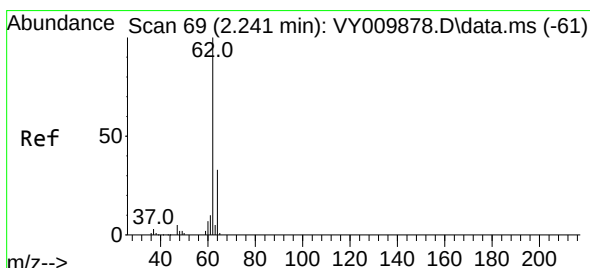
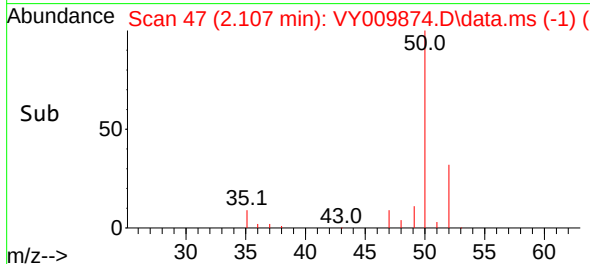
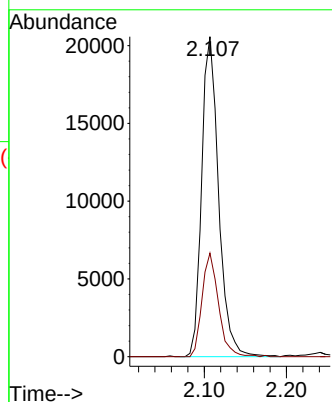
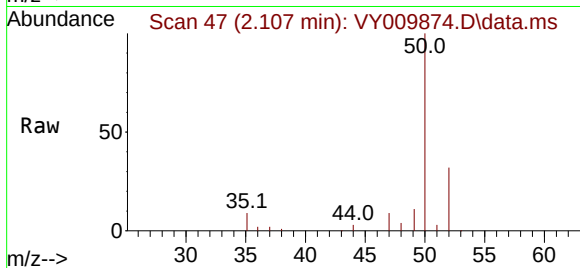
VSTDCCC050

Tgt Ion: 50 Resp: 29513

Ion Ratio Lower Upper

50 100

52 32.4 27.9 41.9



#4

Vinyl Chloride

Concen: 54.708 ug/l

RT: 2.241 min Scan# 69

Delta R.T. 0.000 min

Lab File: VY009874.D

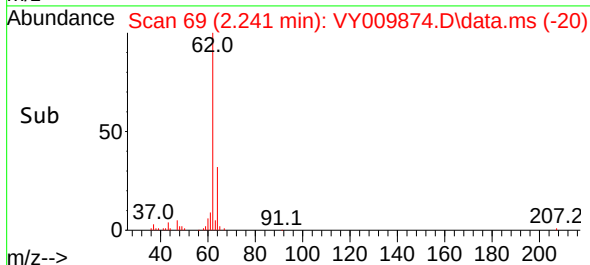
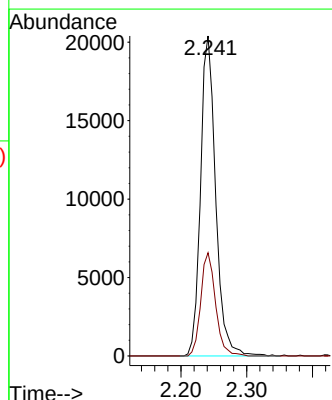
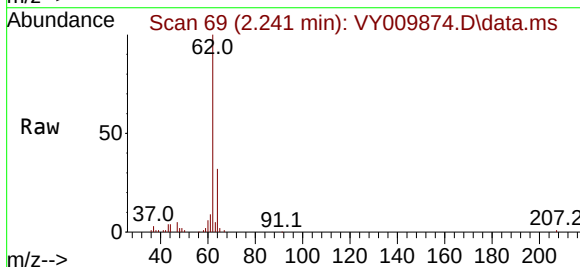
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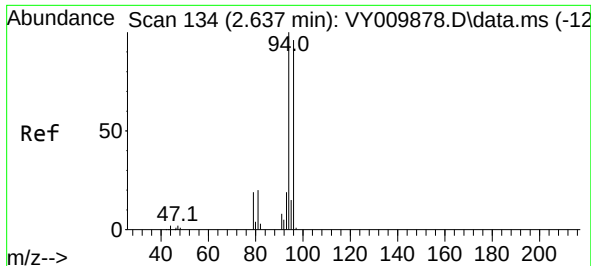
Tgt Ion: 62 Resp: 32561

Ion Ratio Lower Upper

62 100

64 32.3 25.0 37.4

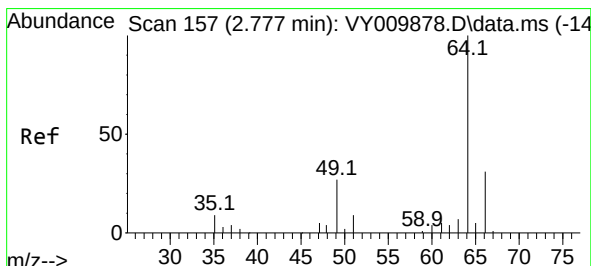
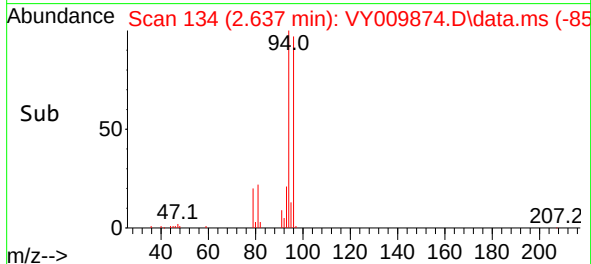
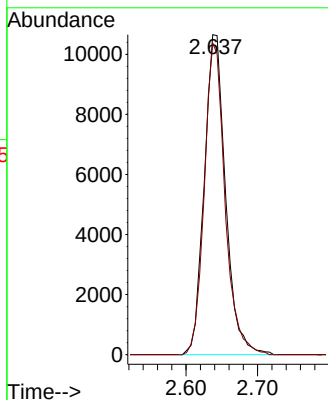
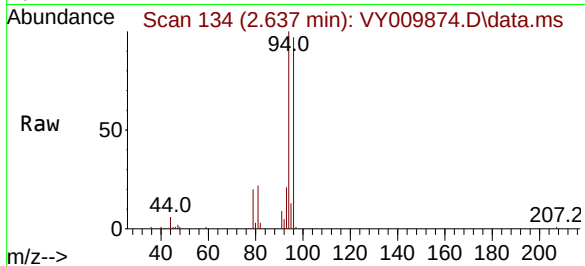




#5
Bromomethane
Concen: 54.473 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

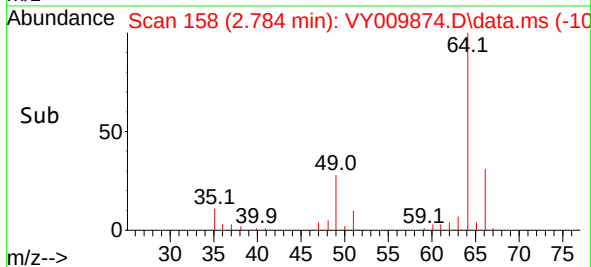
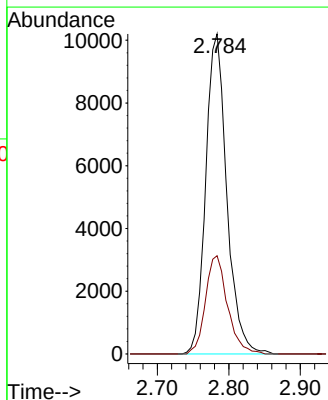
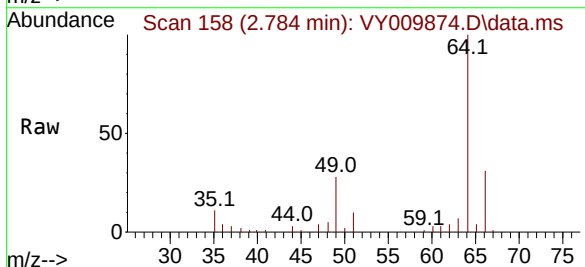
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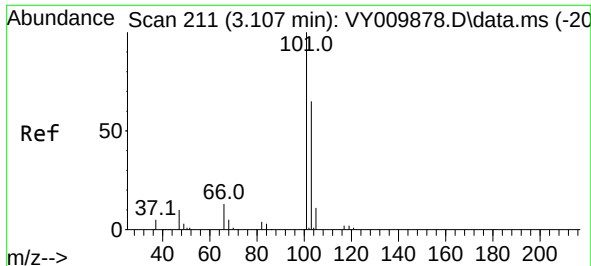
Tgt Ion: 94 Resp: 22059
Ion Ratio Lower Upper
94 100
96 97.3 74.6 111.8



#6
Chloroethane
Concen: 57.864 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.007 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

Tgt Ion: 64 Resp: 20821
Ion Ratio Lower Upper
64 100
66 30.7 25.8 38.8

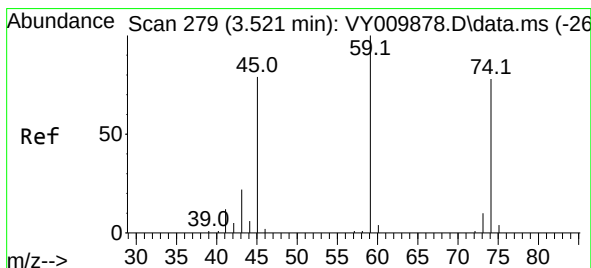
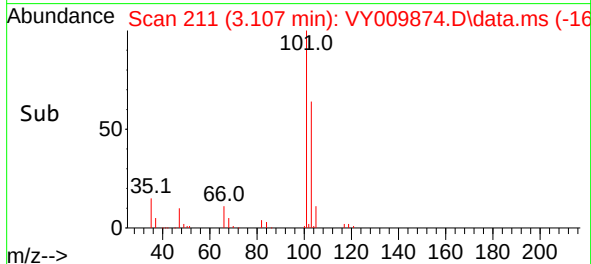
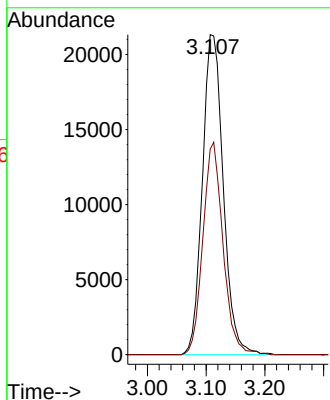
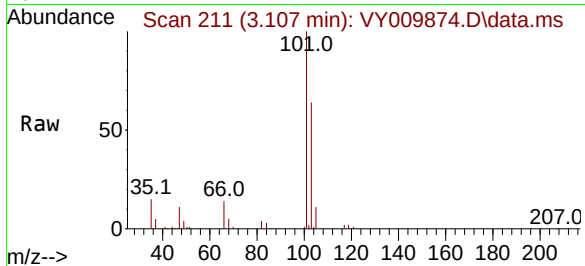




#7
 Trichlorofluoromethane
 Concen: 54.536 ug/l
 RT: 3.107 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VY009874.D
 Acq: 08 Aug 2022 12:55

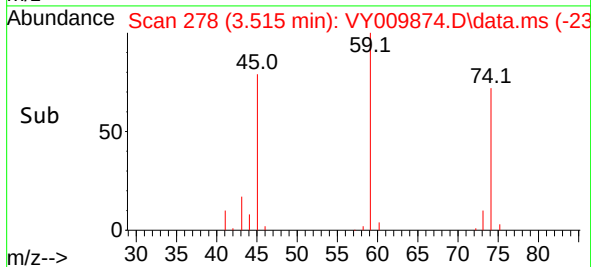
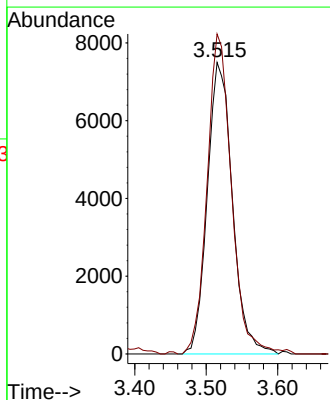
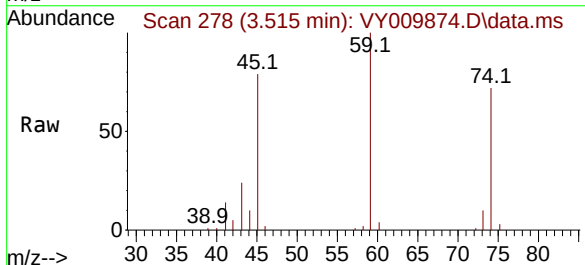
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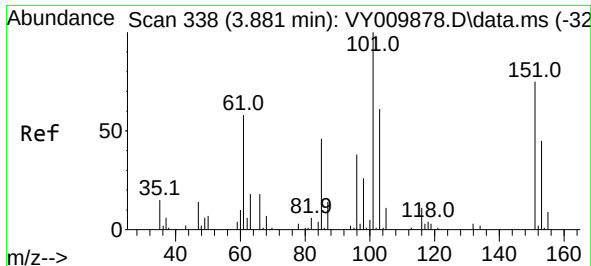
Tgt Ion:101 Resp: 52659
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.2



#8
 Diethyl Ether
 Concen: 54.445 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. -0.006 min
 Lab File: VY009874.D
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Tgt Ion: 74 Resp: 18308
 Ion Ratio Lower Upper
 74 100
 45 106.7 49.1 147.4

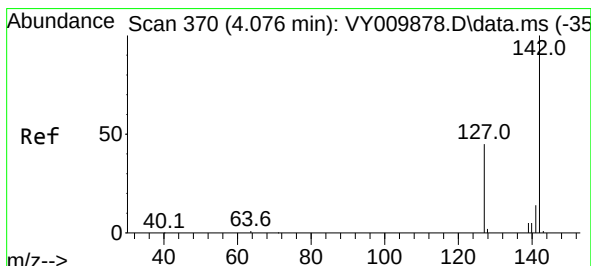
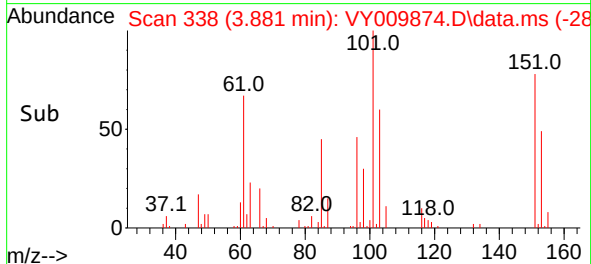
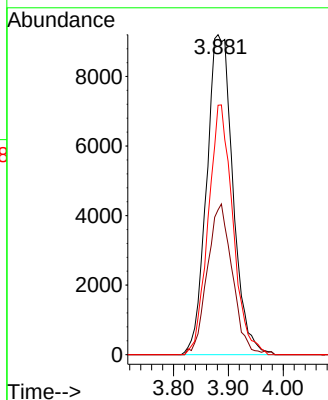
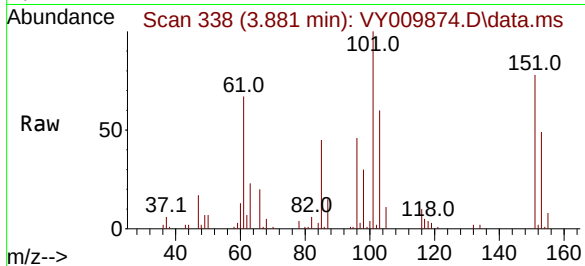




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 55.364 ug/l
 RT: 3.881 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VY009874.D
 Acq: 08 Aug 2022 12:55

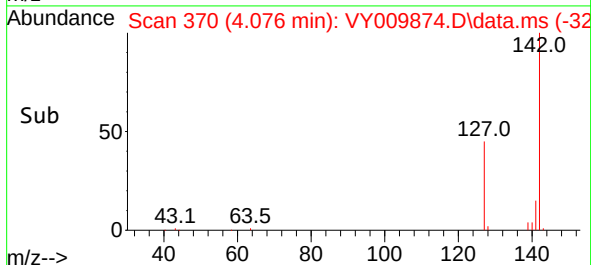
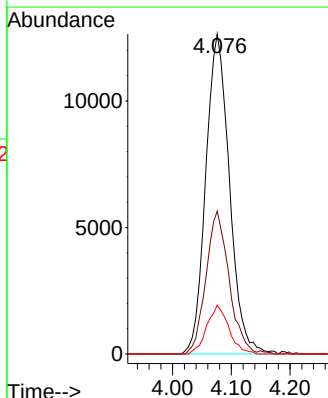
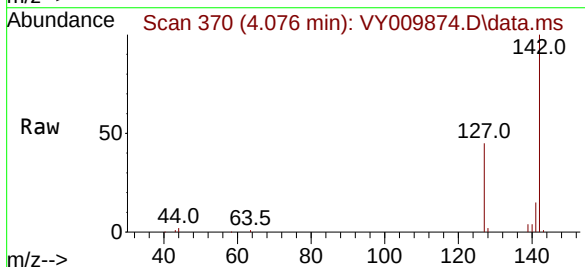
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

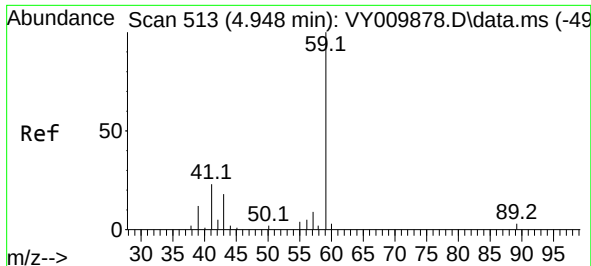
Tgt Ion:	101	Resp:	30654
Ion	Ratio	Lower	Upper
101	100		
85	44.8	36.2	54.2
151	73.2	63.6	95.4



#10
 Methyl Iodide
 Concen: 55.783 ug/l
 RT: 4.076 min Scan# 370
 Delta R.T. 0.000 min
 Lab File: VY009874.D
 Acq: 08 Aug 2022 12:55

Tgt Ion:	142	Resp:	35460
Ion	Ratio	Lower	Upper
142	100		
127	43.4	35.2	52.8
141	14.1	11.4	17.2

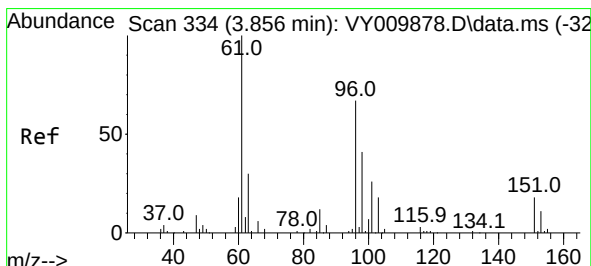
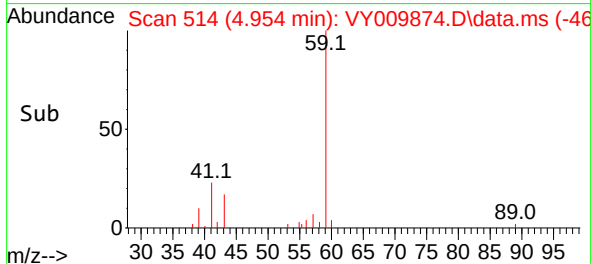
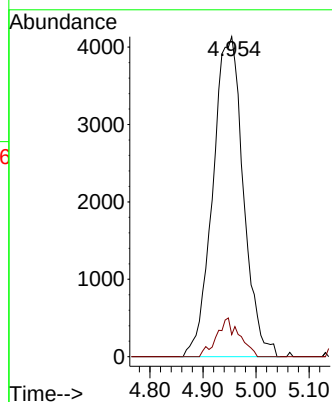
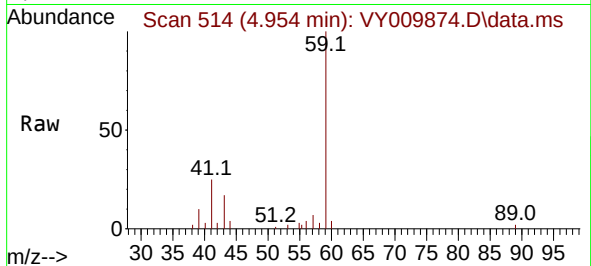




#11
Tert butyl alcohol
Concen: 270.249 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

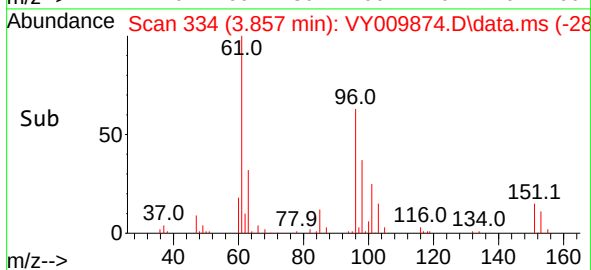
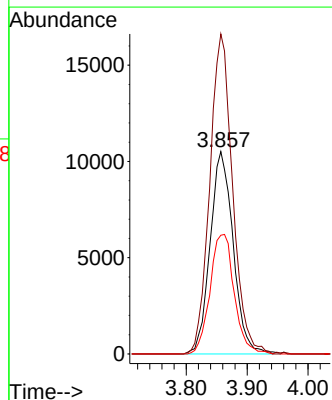
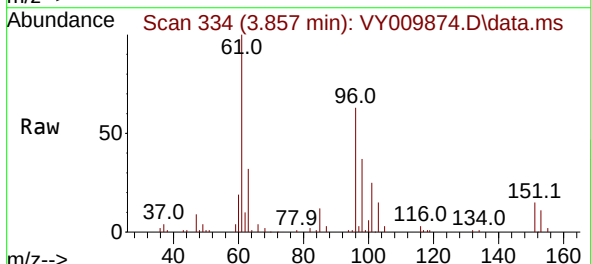
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

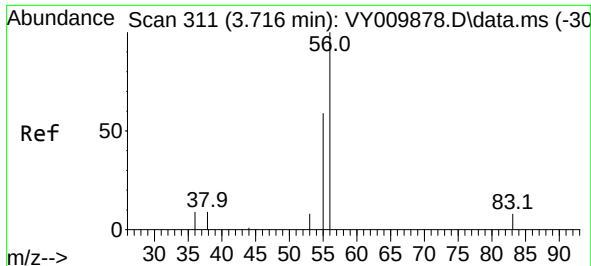
Tgt Ion: 59 Resp: 16522
Ion Ratio Lower Upper
59 100
57 9.0 6.3 9.5



#12
1,1-Dichloroethene
Concen: 53.927 ug/l
RT: 3.857 min Scan# 334
Delta R.T. 0.001 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

Tgt Ion: 96 Resp: 27648
Ion Ratio Lower Upper
96 100
61 158.1 121.9 182.9
98 58.7 48.2 72.4

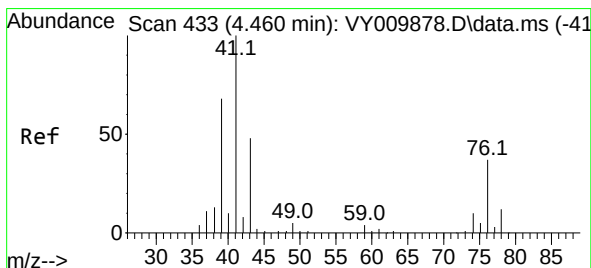
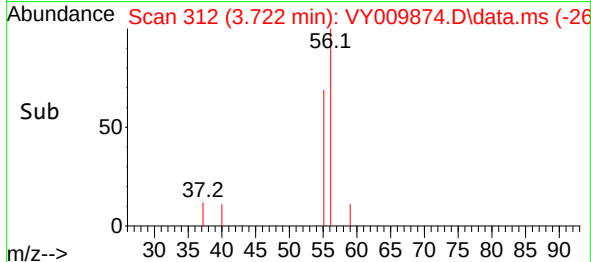
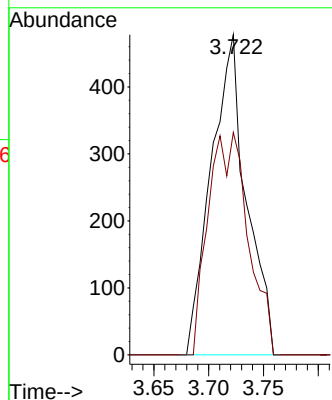
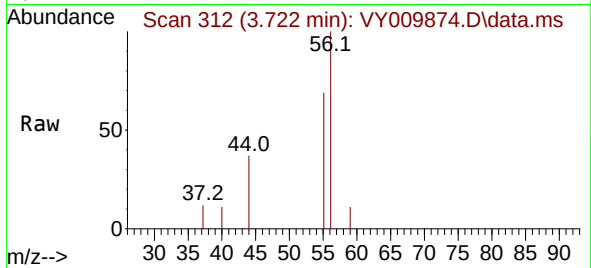




#13
Acrolein
Concen: 160.485 ug/l
RT: 3.722 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

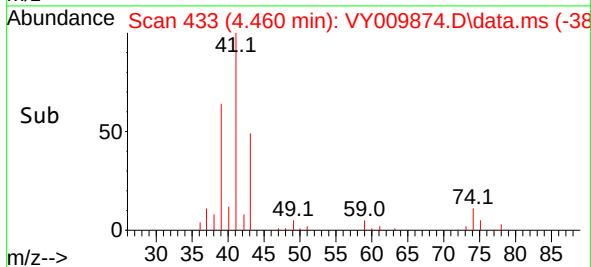
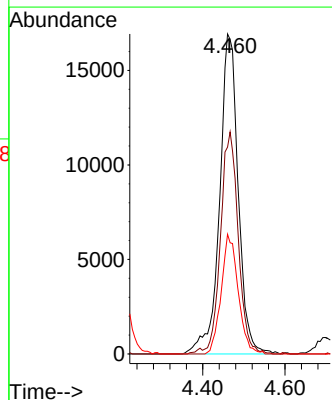
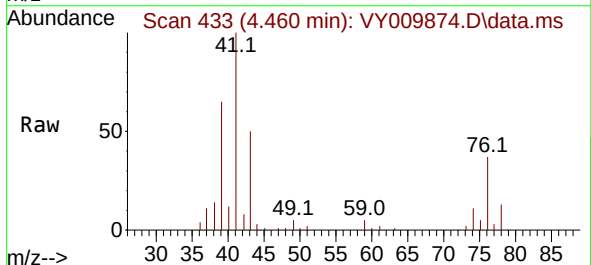
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

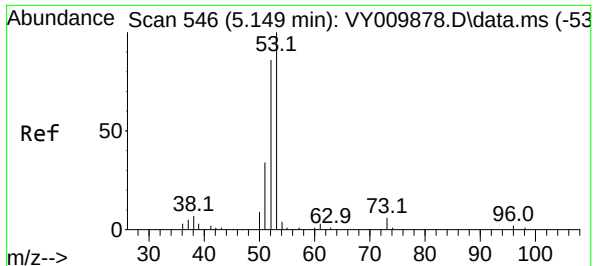
Tgt Ion: 56 Resp: 1071
Ion Ratio Lower Upper
56 100
55 78.7 54.8 82.2



#14
Allyl chloride
Concen: 55.778 ug/l
RT: 4.460 min Scan# 433
Delta R.T. 0.000 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

Tgt Ion: 41 Resp: 53288
Ion Ratio Lower Upper
41 100
39 65.4 53.5 80.3
76 34.0 29.4 44.0

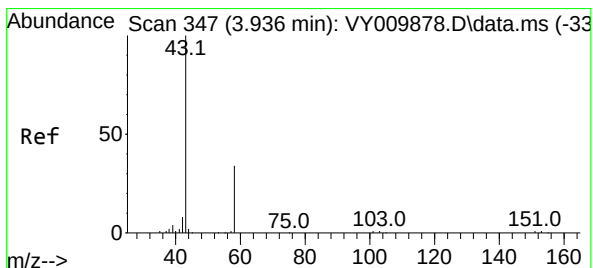
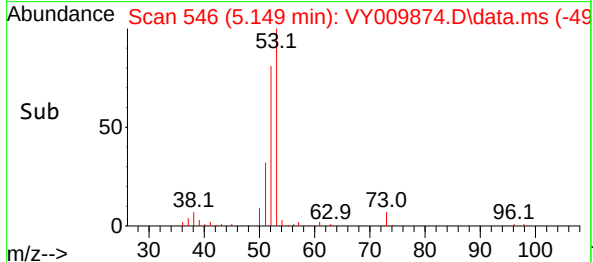
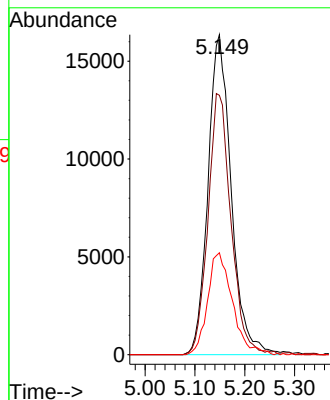
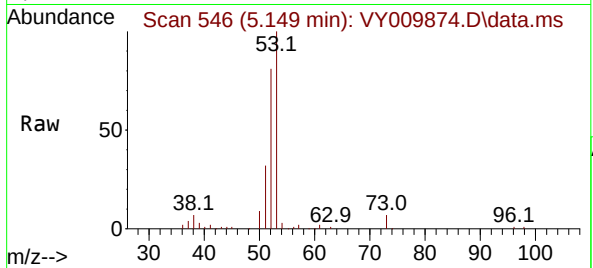




#15
Acrylonitrile
Concen: 293.158 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

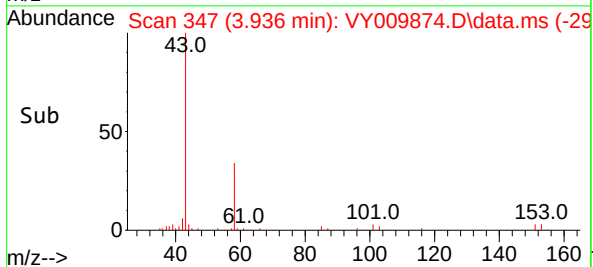
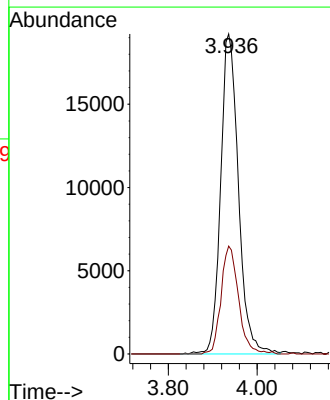
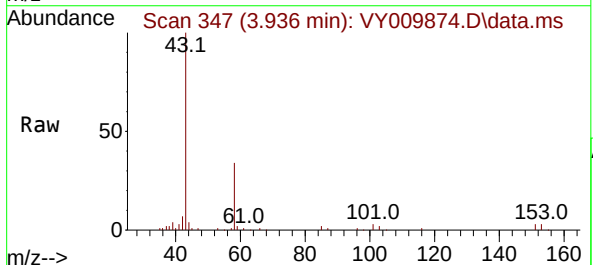
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

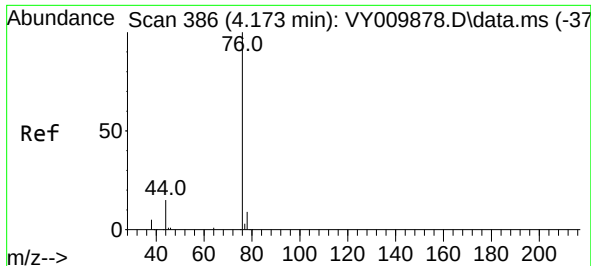
Tgt Ion: 53	Resp: 52805
Ion Ratio	Lower Upper
53 100	
52 80.4	65.4 98.2
51 34.1	28.4 42.6



#16
Acetone
Concen: 349.806 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

Tgt Ion: 43	Resp: 53211
Ion Ratio	Lower Upper
43 100	
58 33.7	24.0 36.0

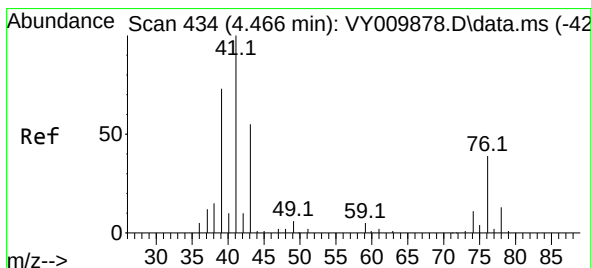
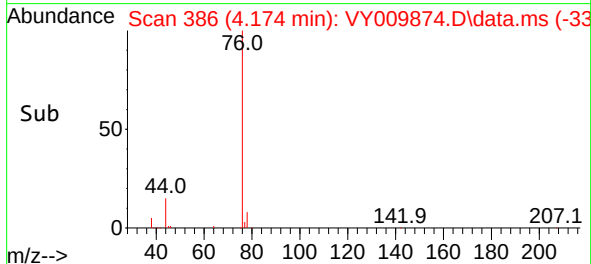
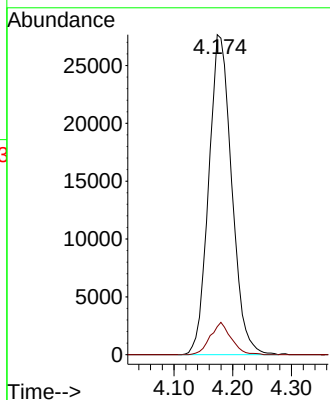
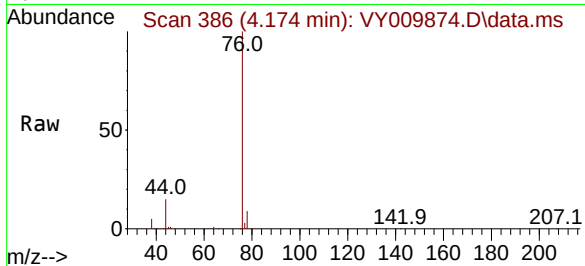




#17
Carbon Disulfide
Concen: 46.019 ug/l
RT: 4.174 min Scan# 386
Delta R.T. 0.001 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

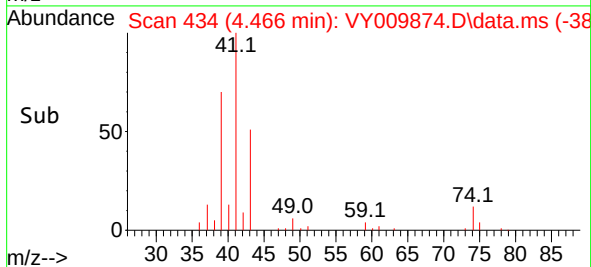
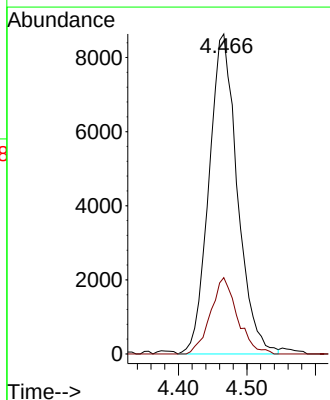
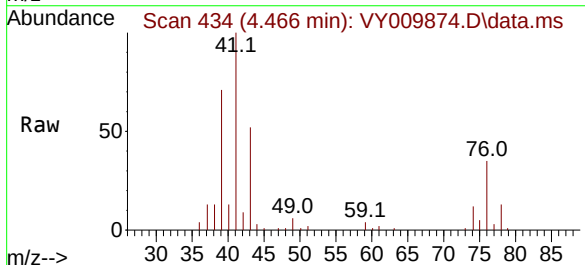
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

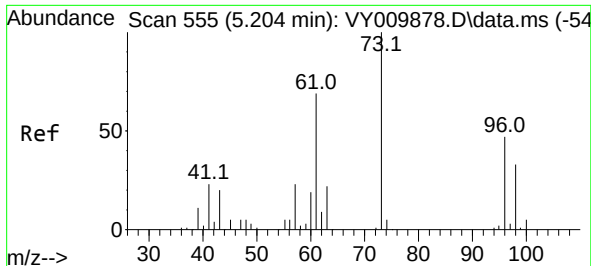
Tgt Ion: 76 Resp: 75219
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 54.675 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

Tgt Ion: 43 Resp: 24914
Ion Ratio Lower Upper
43 100
74 22.4 18.8 28.2

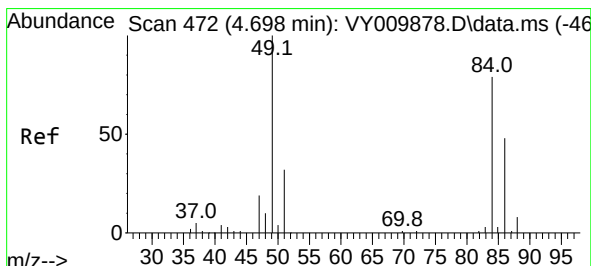
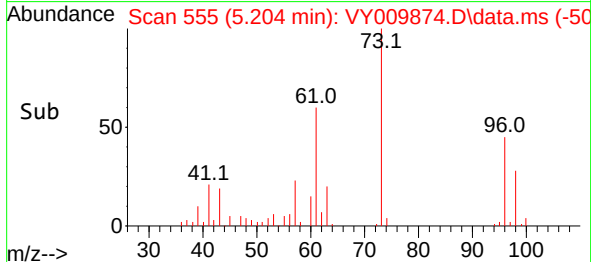
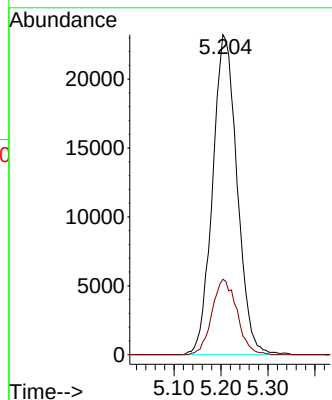
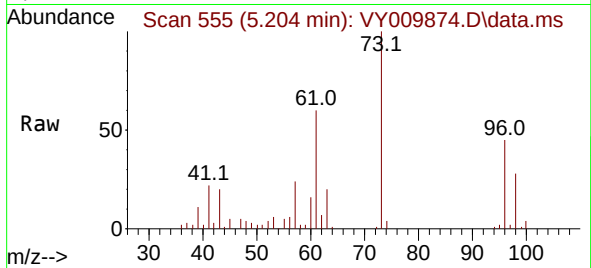




#19
Methyl tert-butyl Ether
Concen: 58.946 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

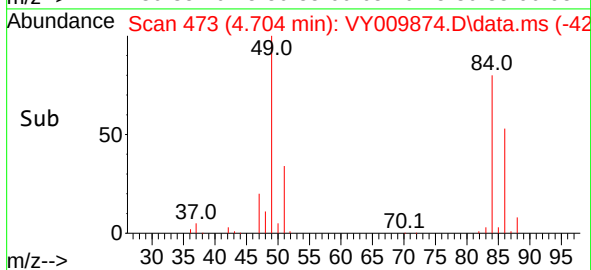
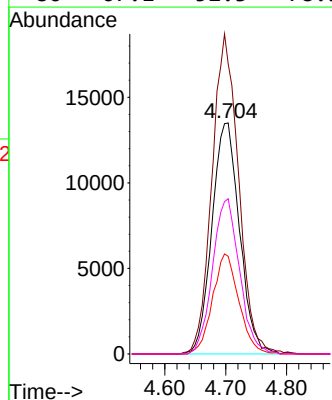
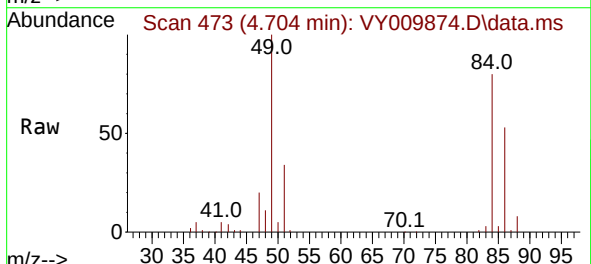
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

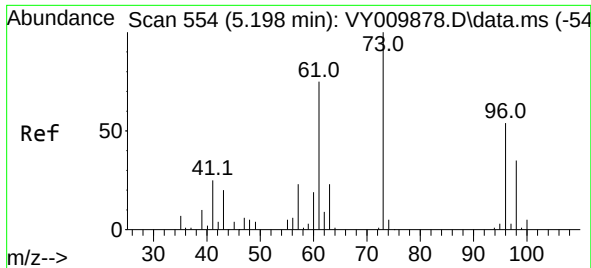
Tgt Ion: 73 Resp: 84332
Ion Ratio Lower Upper
73 100
57 23.6 18.5 27.7



#20
Methylene Chloride
Concen: 60.519 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

Tgt Ion: 84 Resp: 42513
Ion Ratio Lower Upper
84 100
49 125.6 98.2 147.4
51 42.2 33.4 50.0
86 67.1 52.3 78.5

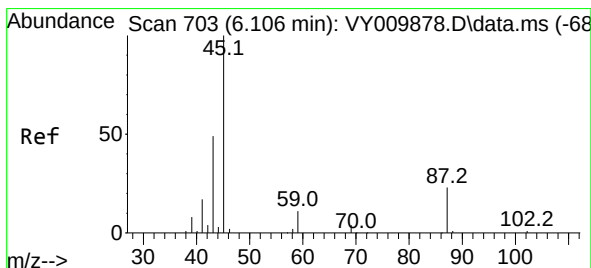
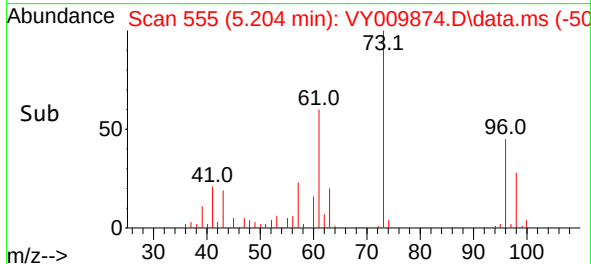
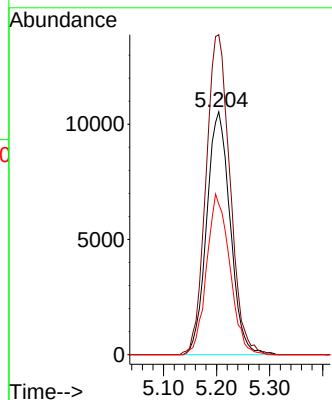
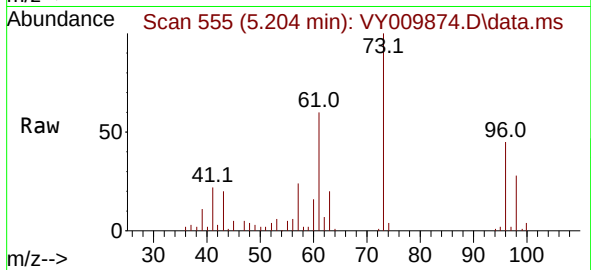




#21
trans-1,2-Dichloroethene
Concen: 55.335 ug/l
RT: 5.204 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

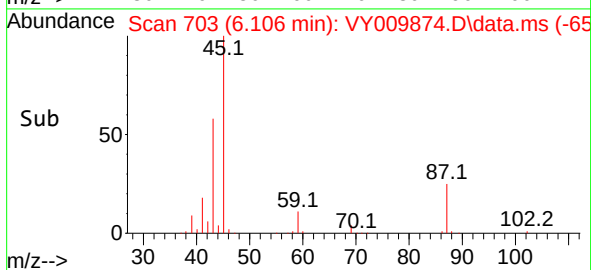
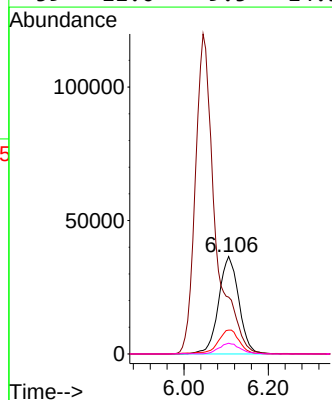
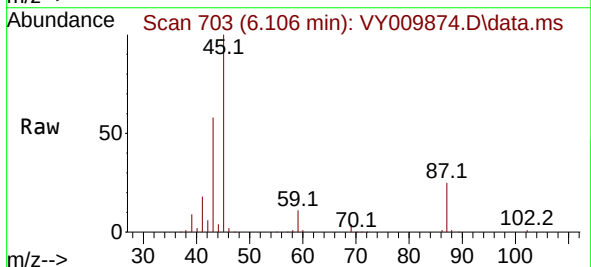
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

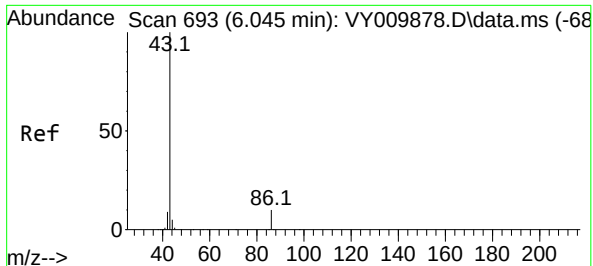
Tgt Ion: 96 Resp: 32497
Ion Ratio Lower Upper
96 100
61 131.8 105.8 158.6
98 62.0 49.7 74.5



#22
Diisopropyl ether
Concen: 60.505 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

Tgt Ion: 45 Resp: 121470
Ion Ratio Lower Upper
45 100
43 57.9 43.7 65.5
87 24.5 22.2 33.4
59 11.0 9.5 14.3

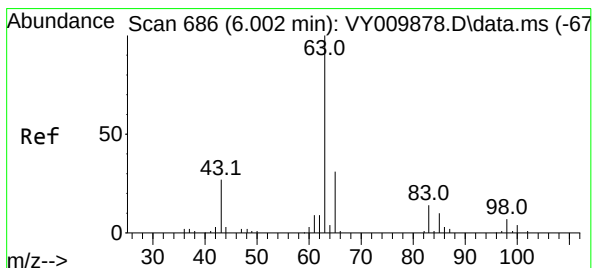
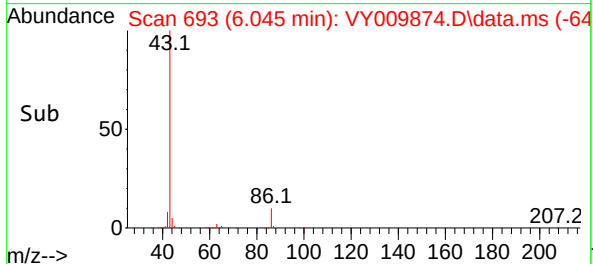
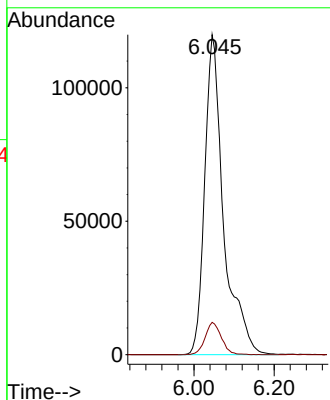
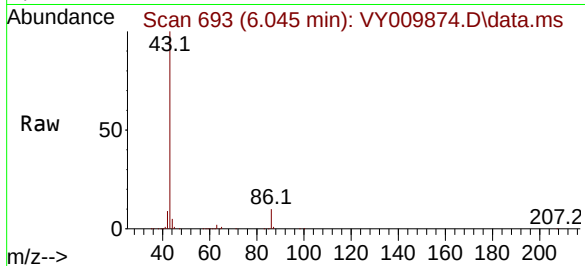




#23
 Vinyl Acetate
 Concen: 311.417 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY009874.D
 Acq: 08 Aug 2022 12:55

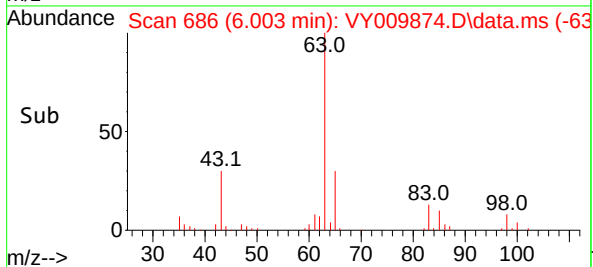
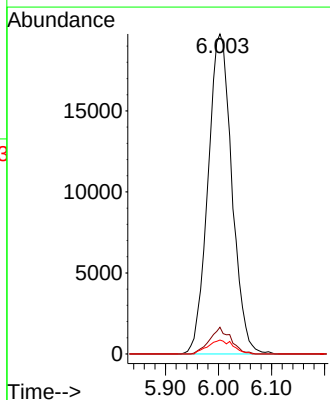
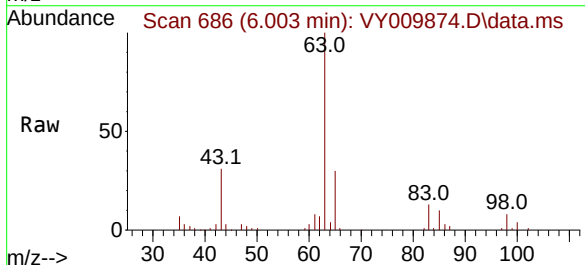
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

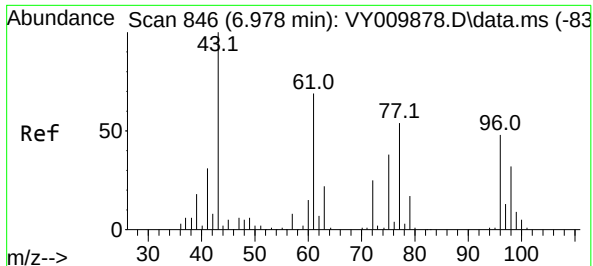
Tgt Ion: 43 Resp: 391505
 Ion Ratio Lower Upper
 43 100
 86 10.1 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 57.129 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.001 min
 Lab File: VY009874.D
 Acq: 08 Aug 2022 12:55

Tgt Ion: 63 Resp: 61982
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.9 11.7
 100 4.4 2.8 8.3





#25

2-Butanone

Concen: 315.450 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY009874.D

Acq: 08 Aug 2022 12:55

Instrument :

MSVOA_Y

ClientSampleId :

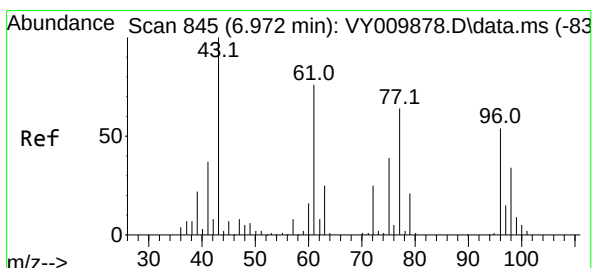
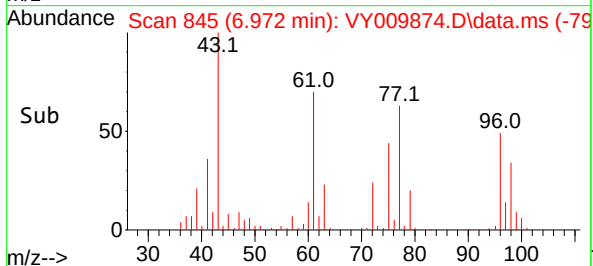
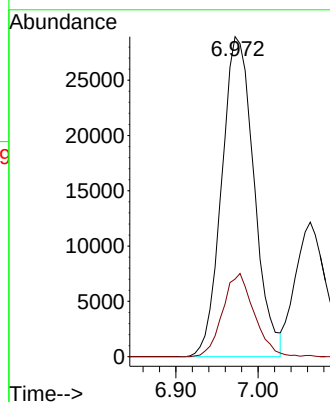
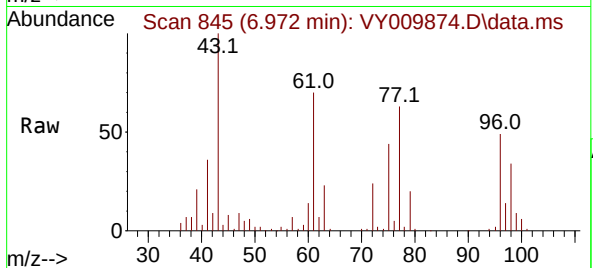
VSTDCCC050

Tgt Ion: 43 Resp: 79021

Ion Ratio Lower Upper

43 100

72 24.2 21.5 32.3



#26

2,2-Dichloropropane

Concen: 57.403 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY009874.D

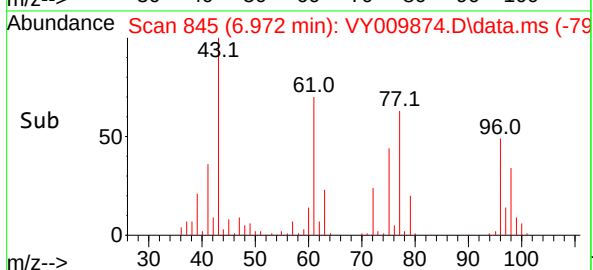
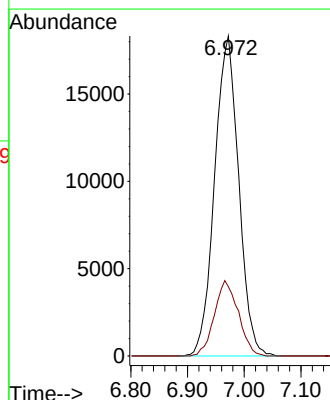
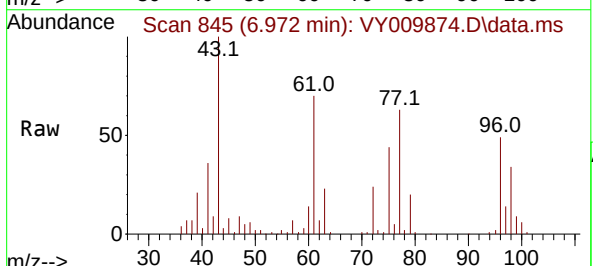
Acq: 08 Aug 2022 12:55

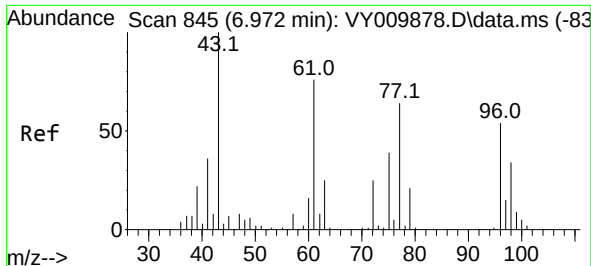
Tgt Ion: 77 Resp: 54071

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.0



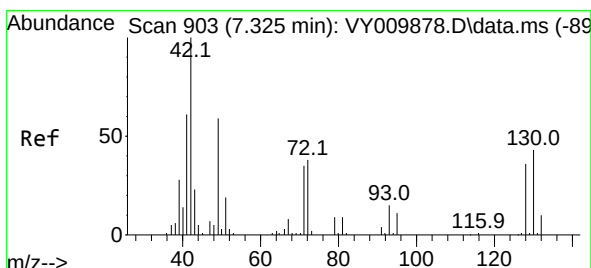
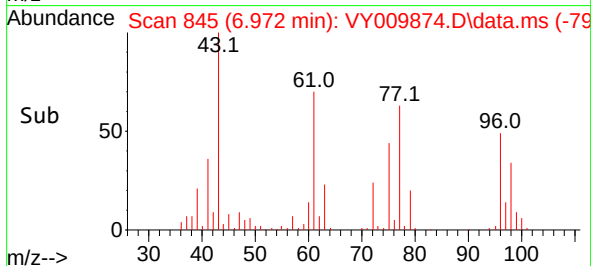
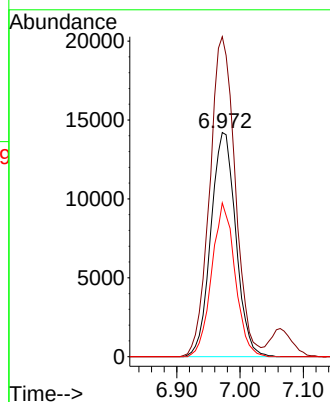
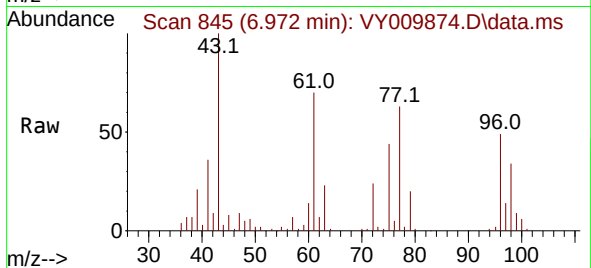


#27
 cis-1,2-Dichloroethene
 Concen: 58.292 ug/l
 RT: 6.972 min Scan# 845
 Delta R.T. -0.000 min
 Lab File: VY009874.D
 Acq: 08 Aug 2022 12:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 38851

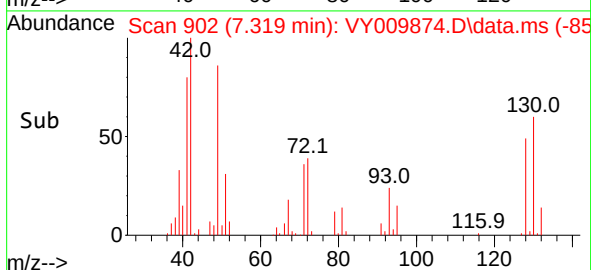
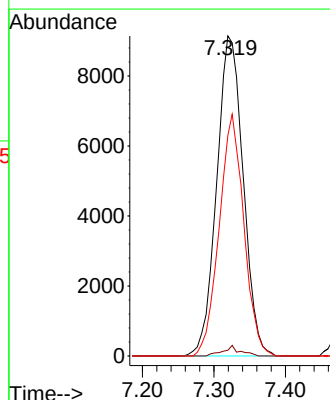
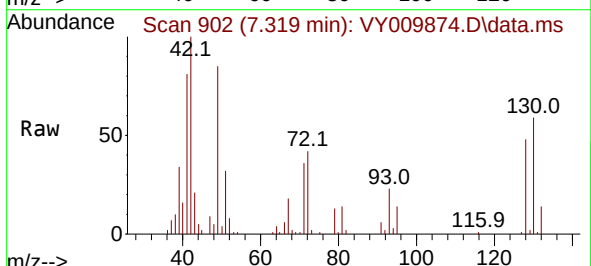
Ion	Ratio	Lower	Upper
96	100		
61	145.9	0.0	285.6
98	64.2	0.0	131.0

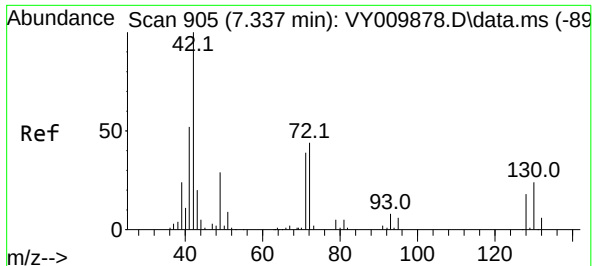


#28
 Bromochloromethane
 Concen: 62.244 ug/l
 RT: 7.319 min Scan# 902
 Delta R.T. -0.006 min
 Lab File: VY009874.D
 Acq: 08 Aug 2022 12:55

Tgt Ion: 49 Resp: 23526

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	70.3	64.1	96.1





#29

Tetrahydrofuran

Concen: 298.611 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.001 min

Lab File: VY009874.D

Acq: 08 Aug 2022 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

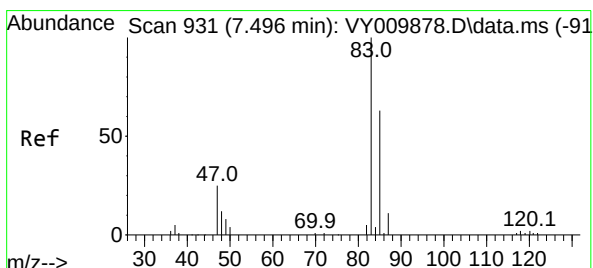
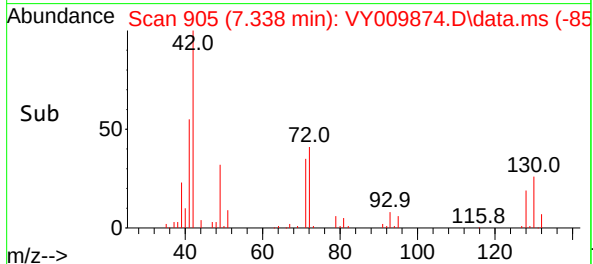
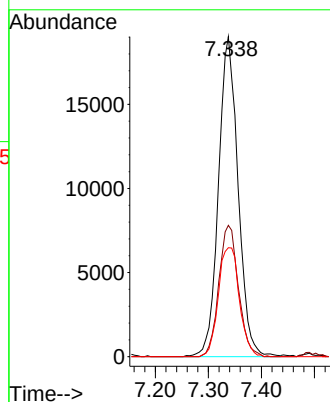
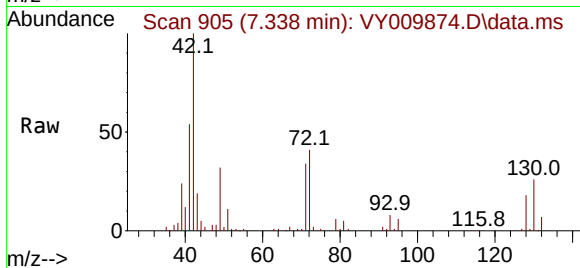
Tgt Ion: 42 Resp: 48827

Ion Ratio Lower Upper

42 100

72 40.9 34.6 52.0

71 36.6 32.7 49.1



#30

Chloroform

Concen: 57.652 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY009874.D

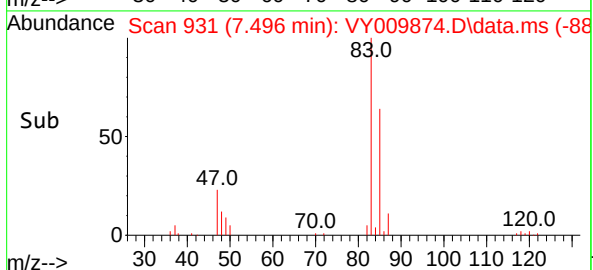
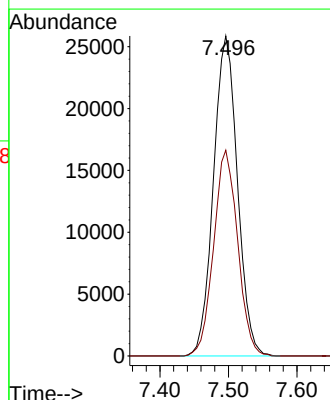
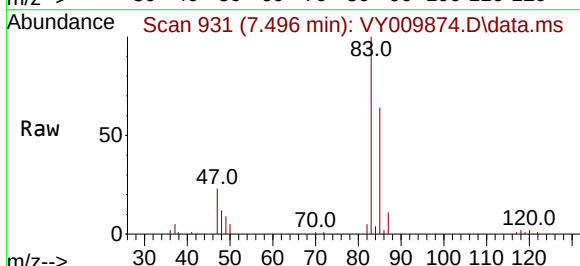
Acq: 08 Aug 2022 12:55

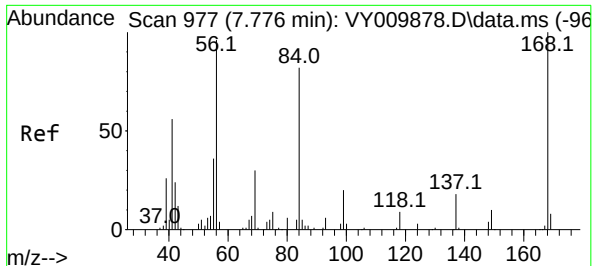
Tgt Ion: 83 Resp: 62880

Ion Ratio Lower Upper

83 100

85 64.3 50.5 75.7

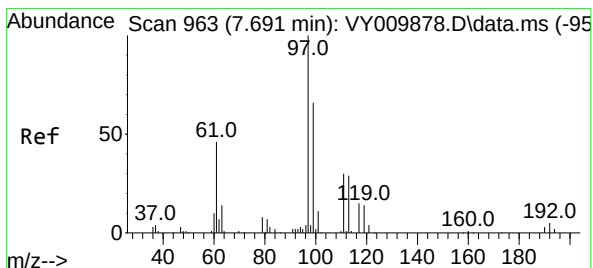
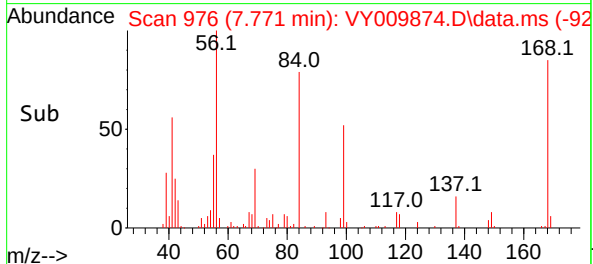
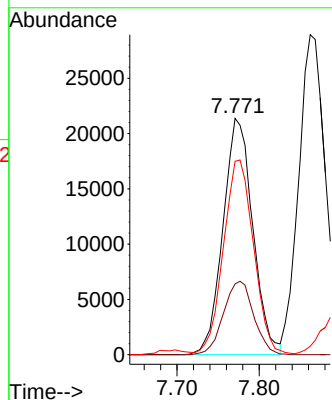
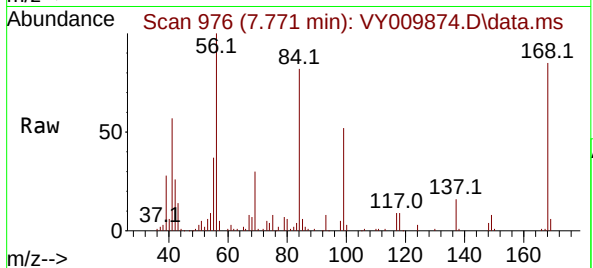




#31
Cyclohexane
Concen: 51.548 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.005 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

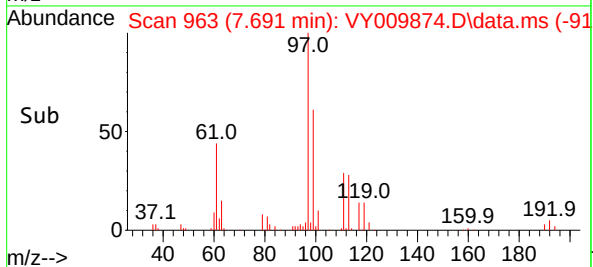
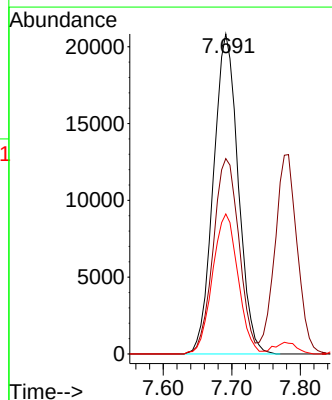
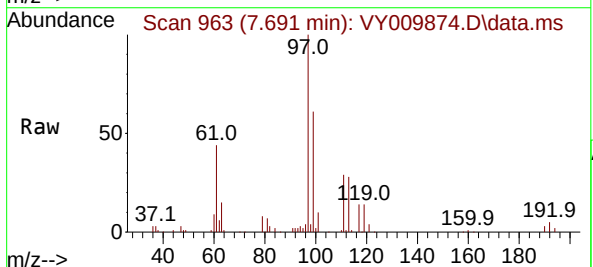
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

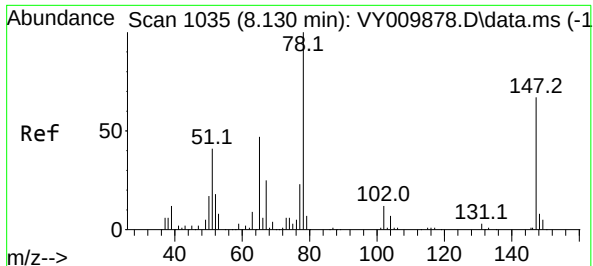
Tgt Ion: 56 Resp: 53964
Ion Ratio Lower Upper
56 100
69 29.9 26.0 39.0
84 80.3 69.5 104.3



#32
1,1,1-Trichloroethane
Concen: 56.875 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

Tgt Ion: 97 Resp: 52330
Ion Ratio Lower Upper
97 100
99 63.5 51.8 77.8
61 45.2 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 52.451 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY009874.D

Acq: 08 Aug 2022 12:55

Instrument :

MSVOA_Y

ClientSampleId :

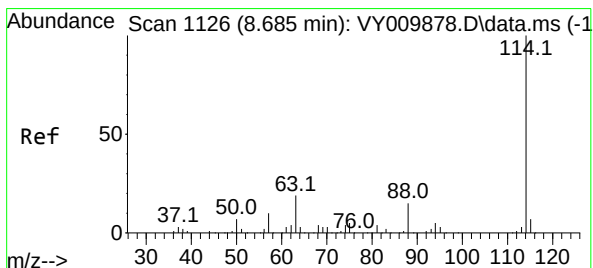
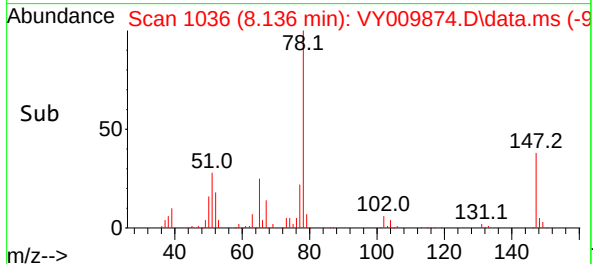
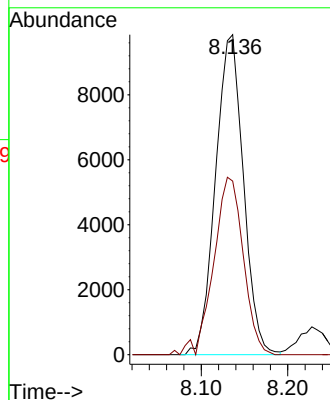
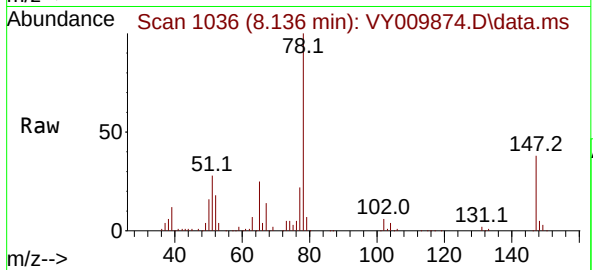
VSTDCCC050

Tgt Ion: 65 Resp: 22024

Ion Ratio Lower Upper

65 100

67 58.9 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009874.D

Acq: 08 Aug 2022 12:55

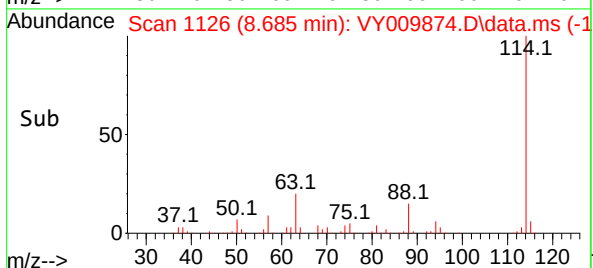
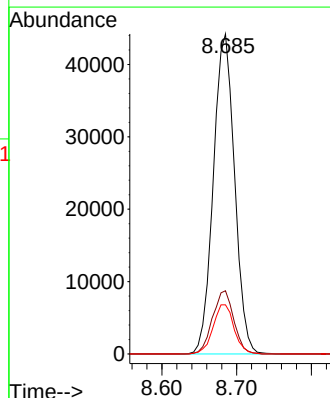
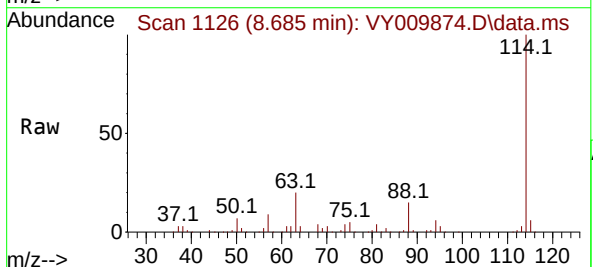
Tgt Ion: 114 Resp: 87467

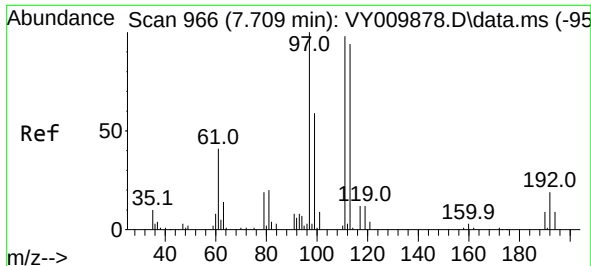
Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.0

88 15.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 53.143 ug/l

RT: 7.703 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY009874.D

Acq: 08 Aug 2022 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

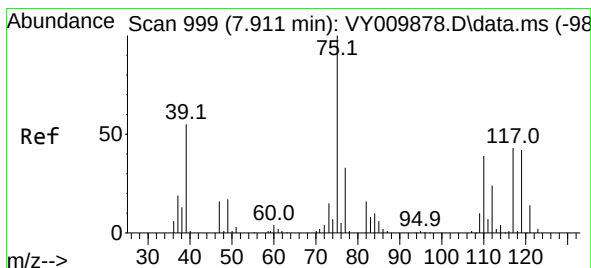
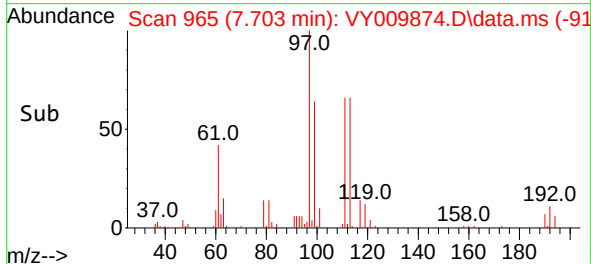
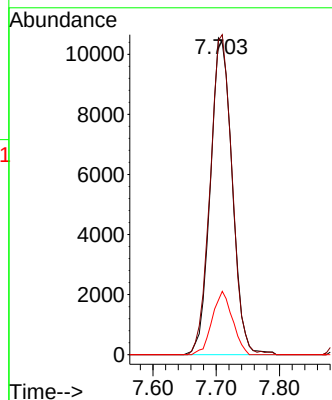
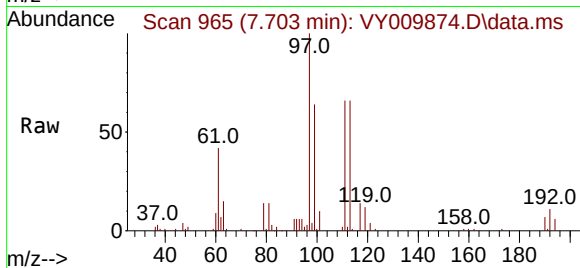
Tgt Ion:113 Resp: 25233

Ion Ratio Lower Upper

113 100

111 101.5 80.6 120.8

192 18.6 16.2 24.4



#36

1,1-Dichloropropene

Concen: 58.053 ug/l

RT: 7.911 min Scan# 999

Delta R.T. -0.000 min

Lab File: VY009874.D

Acq: 08 Aug 2022 12:55

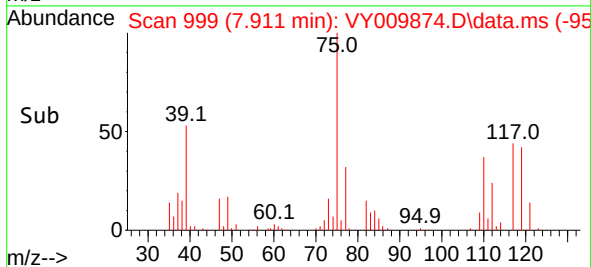
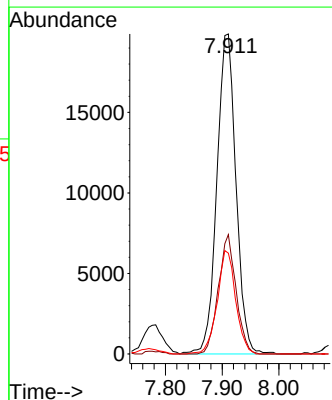
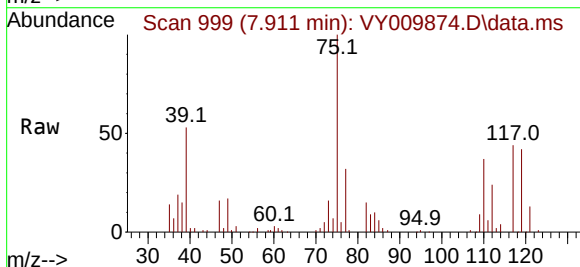
Tgt Ion: 75 Resp: 46511

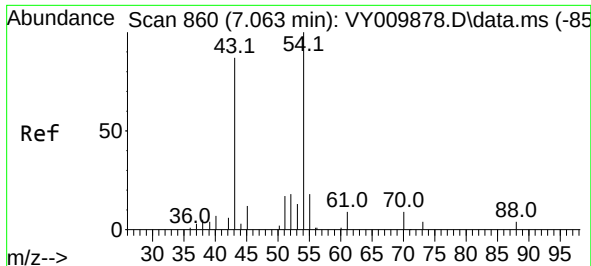
Ion Ratio Lower Upper

75 100

110 34.6 18.6 56.0

77 31.2 25.0 37.4





#37

Ethyl Acetate

Concen: 60.496 ug/l

RT: 7.063 min Scan# 860

Delta R.T. 0.000 min

Lab File: VY009874.D

Acq: 08 Aug 2022 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

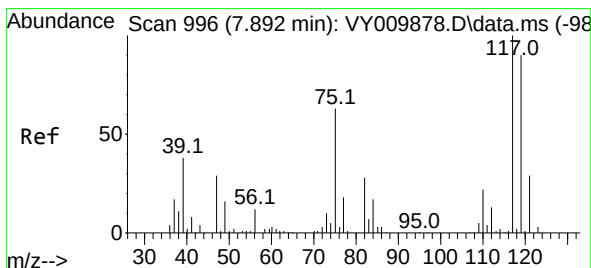
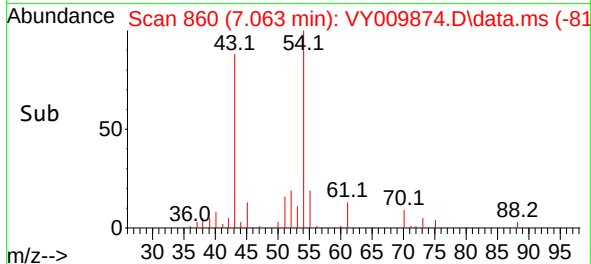
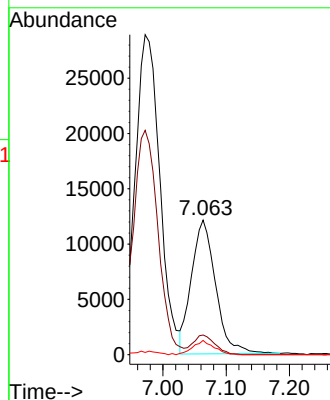
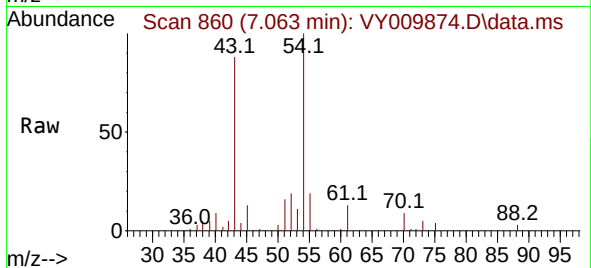
Tgt Ion: 43 Resp: 32158

Ion Ratio Lower Upper

43 100

61 13.5 11.2 16.8

70 9.3 8.4 12.6



#38

Carbon Tetrachloride

Concen: 59.052 ug/l

RT: 7.886 min Scan# 995

Delta R.T. -0.006 min

Lab File: VY009874.D

Acq: 08 Aug 2022 12:55

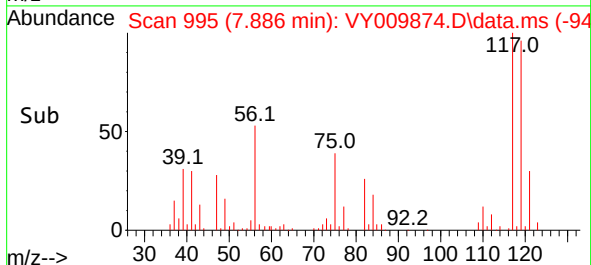
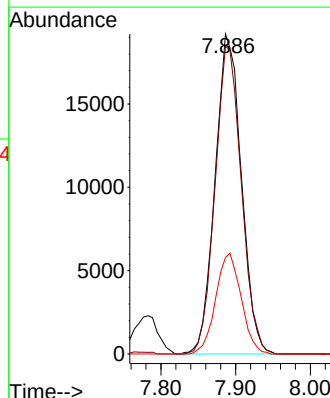
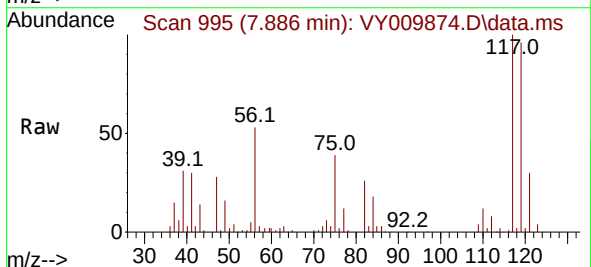
Tgt Ion: 117 Resp: 46957

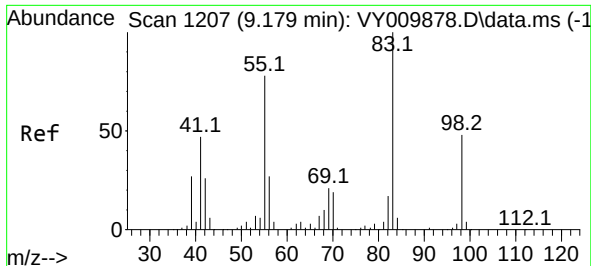
Ion Ratio Lower Upper

117 100

119 96.2 75.9 113.9

121 30.1 24.9 37.3





#39

Methylcyclohexane

Concen: 56.898 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009874.D

Acq: 08 Aug 2022 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

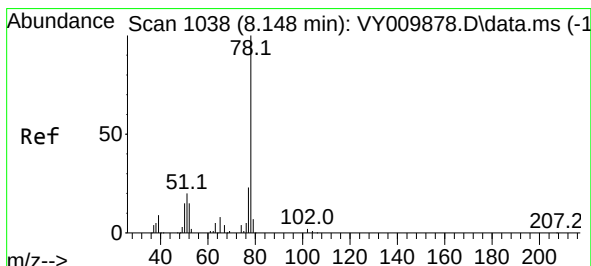
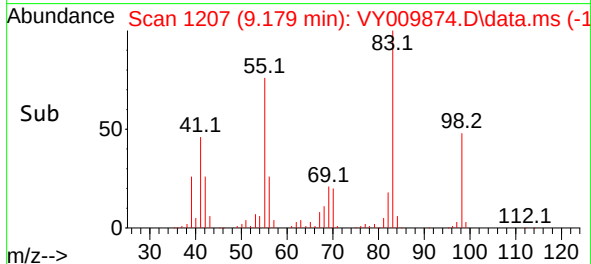
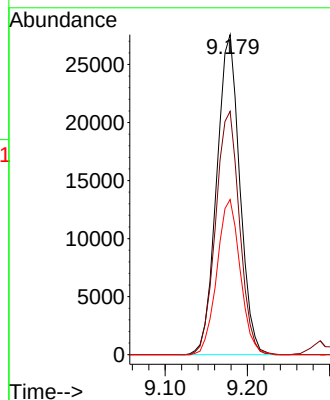
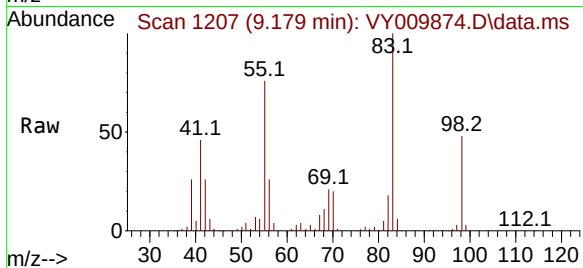
Tgt Ion: 83 Resp: 53750

Ion Ratio Lower Upper

83 100

55 76.0 56.7 85.1

98 48.5 39.9 59.9



#40

Benzene

Concen: 60.293 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.001 min

Lab File: VY009874.D

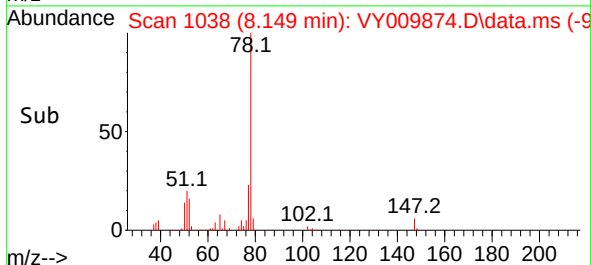
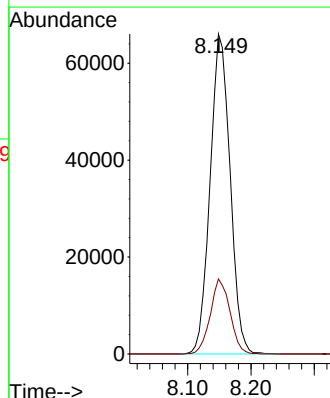
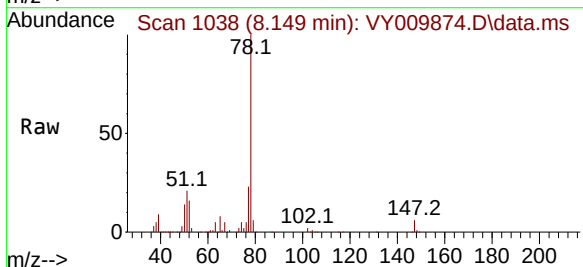
Acq: 08 Aug 2022 12:55

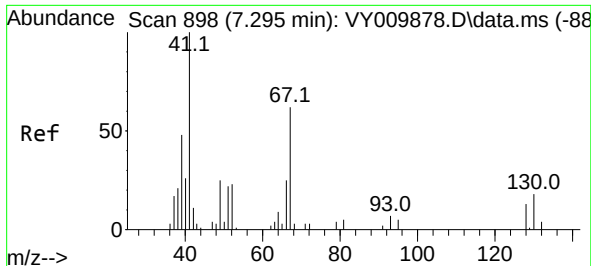
Tgt Ion: 78 Resp: 144797

Ion Ratio Lower Upper

78 100

77 23.4 19.4 29.0

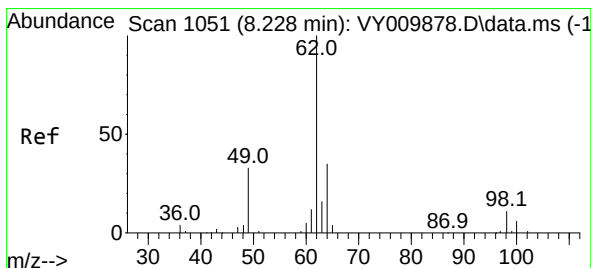
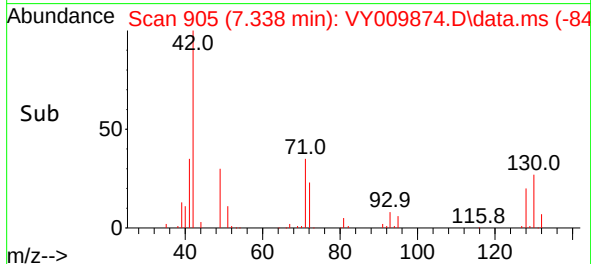
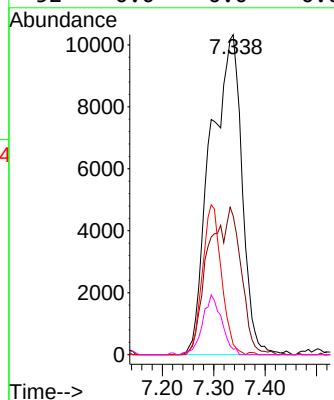
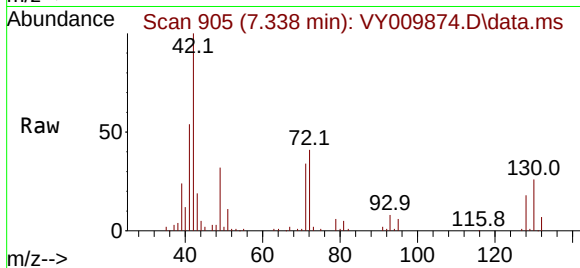




#41
Methacrylonitrile
Concen: 150.766 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.043 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

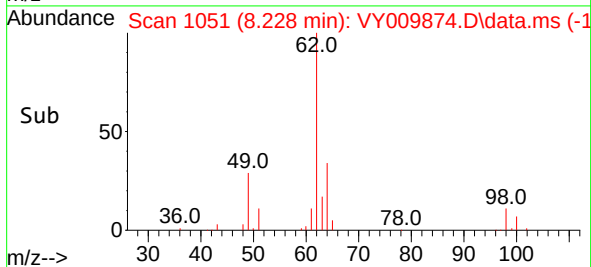
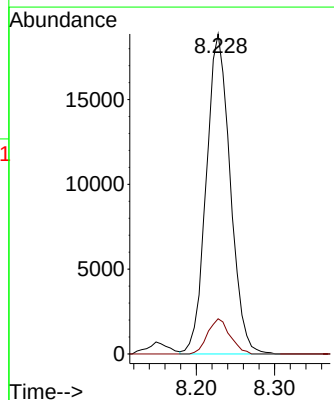
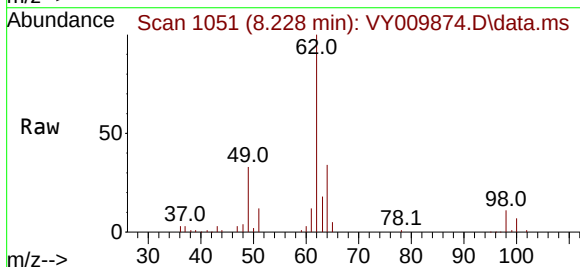
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

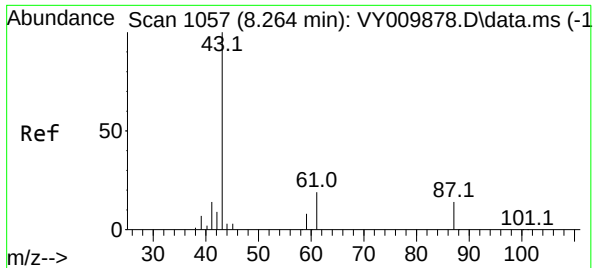
Tgt Ion:	41	Resp:	43774
Ion	Ratio	Lower	Upper
41	100		
39	48.1	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 60.040 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

Tgt Ion:	62	Resp:	40007
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.6

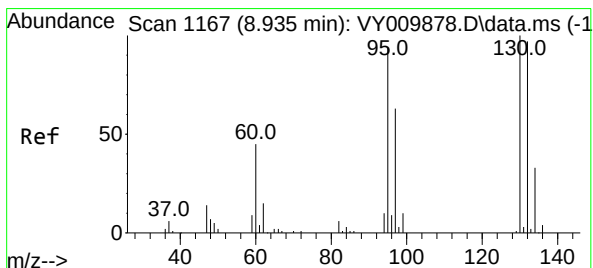
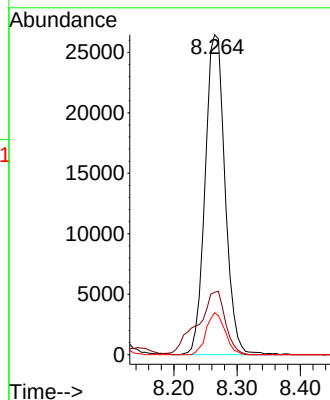
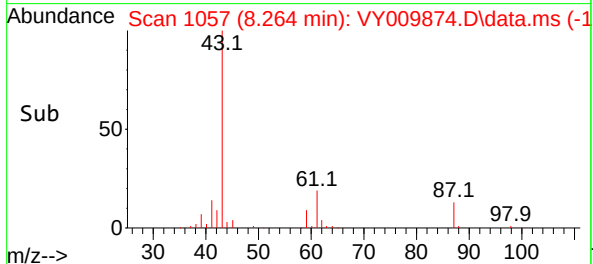
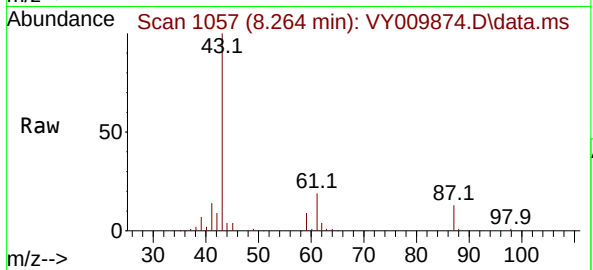




#43
Isopropyl Acetate
Concen: 61.319 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

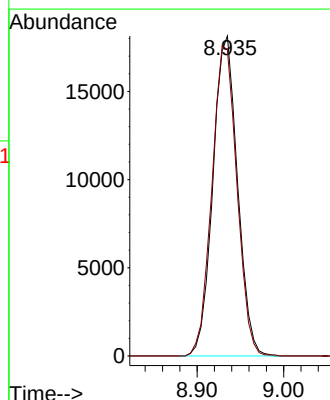
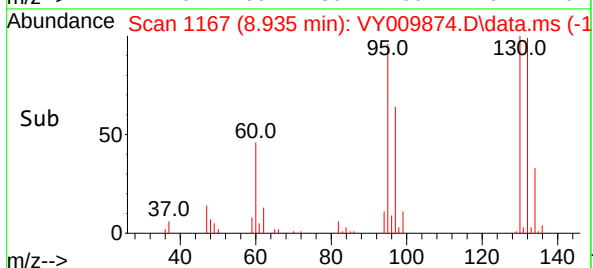
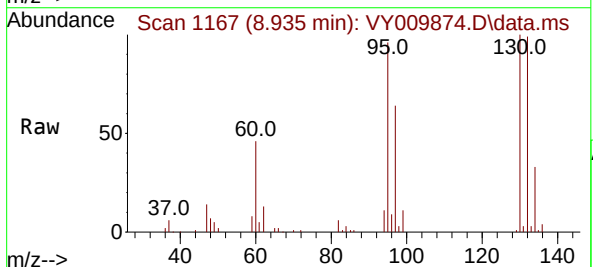
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

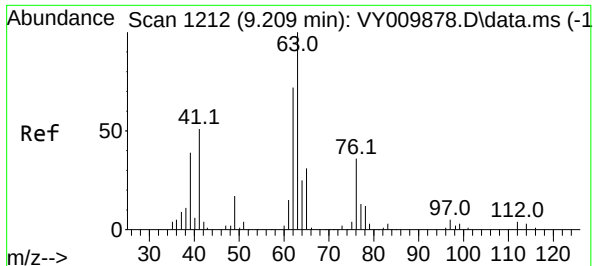
Tgt Ion: 43 Resp: 58024
Ion Ratio Lower Upper
43 100
61 27.5 23.6 35.4
87 12.3 11.3 16.9



#44
Trichloroethene
Concen: 57.403 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

Tgt Ion:130 Resp: 35714
Ion Ratio Lower Upper
130 100
95 95.7 0.0 194.6





#45

1,2-Dichloropropane

Concen: 61.735 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009874.D

Acq: 08 Aug 2022 12:55

Instrument :

MSVOA_Y

ClientSampleId :

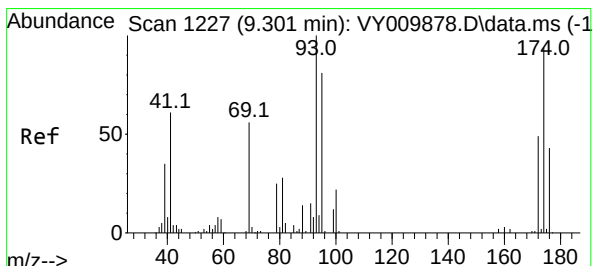
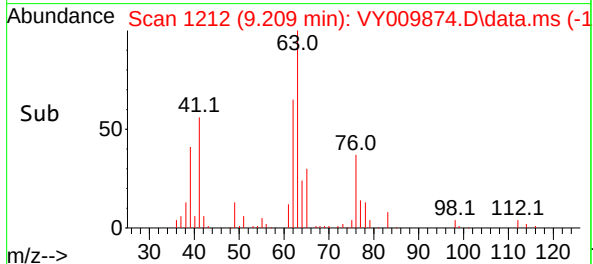
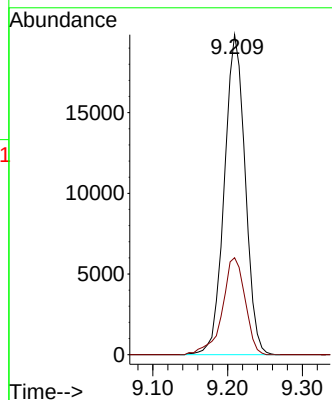
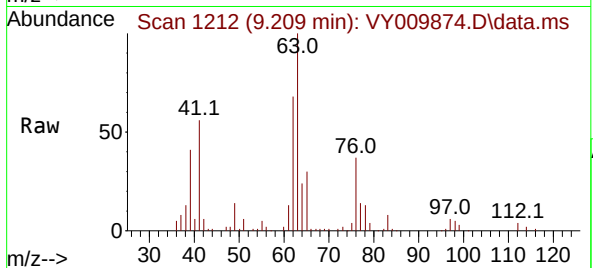
VSTDCCC050

Tgt Ion: 63 Resp: 38464

Ion Ratio Lower Upper

63 100

65 30.3 23.7 35.5



#46

Dibromomethane

Concen: 59.864 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009874.D

Acq: 08 Aug 2022 12:55

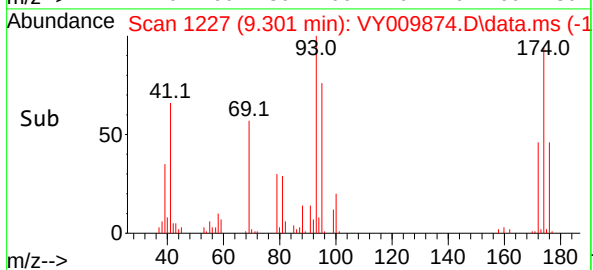
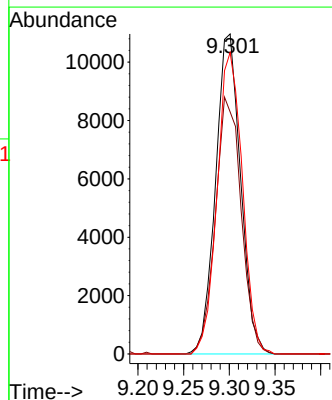
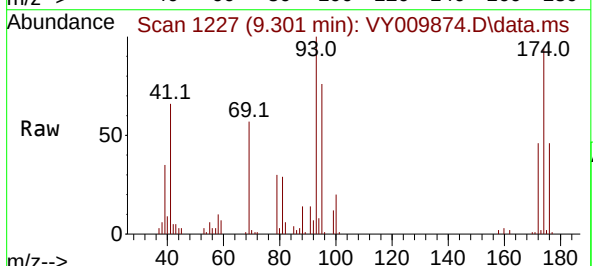
Tgt Ion: 93 Resp: 20850

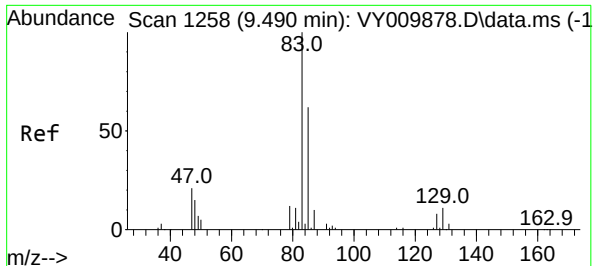
Ion Ratio Lower Upper

93 100

95 82.7 66.3 99.5

174 94.9 80.6 120.8

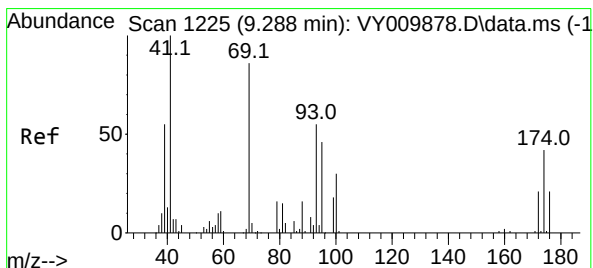
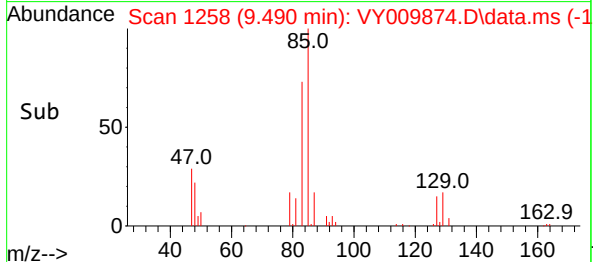
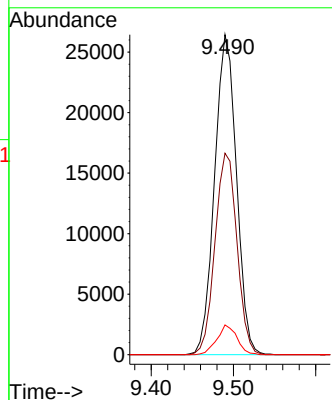
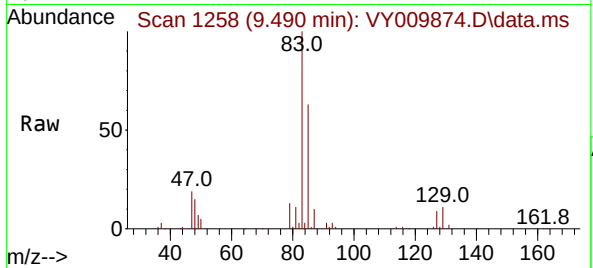




#47
Bromodichloromethane
Concen: 61.170 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

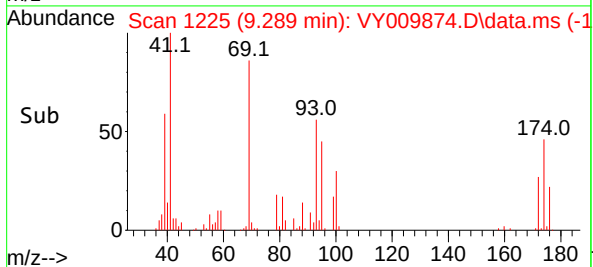
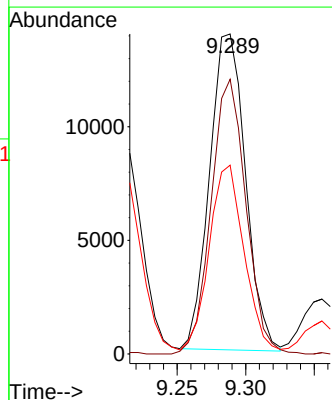
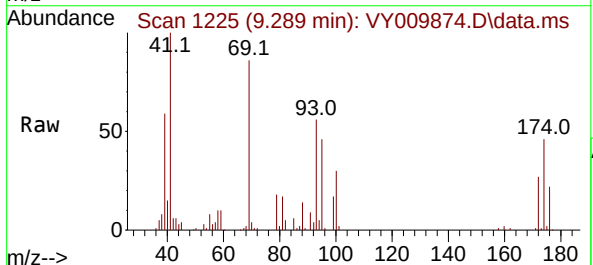
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

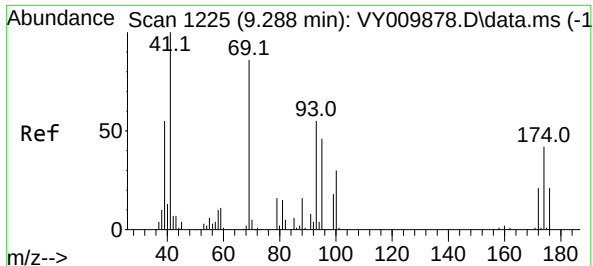
Tgt Ion: 83 Resp: 48887
Ion Ratio Lower Upper
83 100
85 63.0 51.2 76.8
127 9.3 7.1 10.7



#48
Methyl methacrylate
Concen: 60.239 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.001 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

Tgt Ion: 41 Resp: 25356
Ion Ratio Lower Upper
41 100
69 84.4 73.2 109.8
39 56.6 47.5 71.3





#49

1,4-Dioxane

Concen: 1150.370 ug/l

RT: 9.289 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY009874.D

Acq: 08 Aug 2022 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

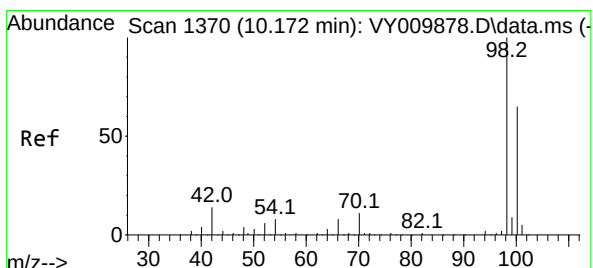
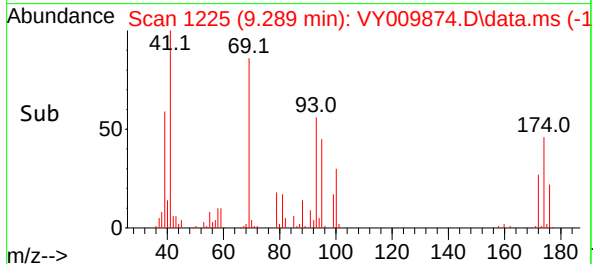
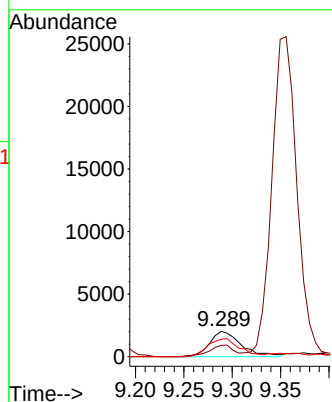
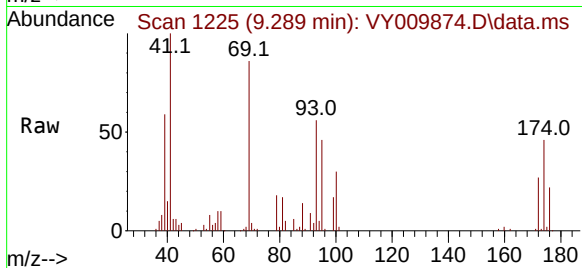
Tgt Ion: 88 Resp: 4599

Ion Ratio Lower Upper

88 100

43 35.2 26.3 39.5

58 71.1 52.6 79.0



#50

Toluene-d8

Concen: 51.142 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.001 min

Lab File: VY009874.D

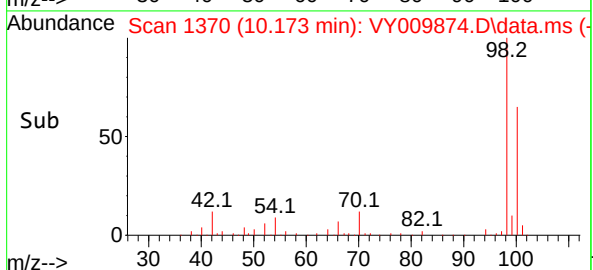
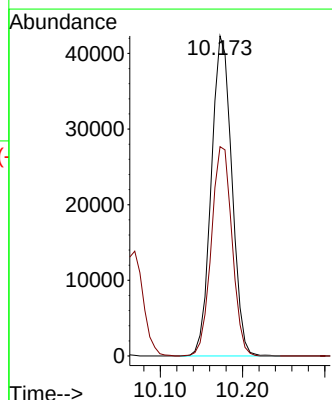
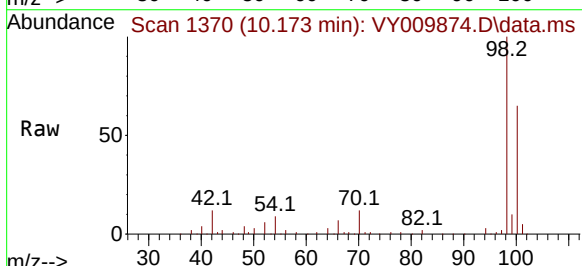
Acq: 08 Aug 2022 12:55

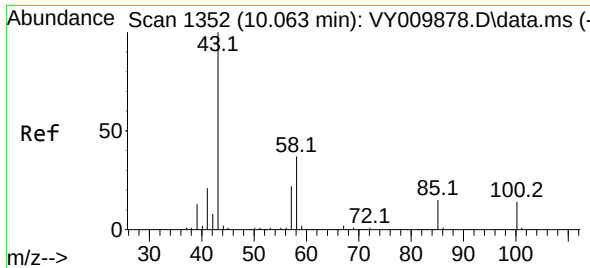
Tgt Ion: 98 Resp: 73336

Ion Ratio Lower Upper

98 100

100 65.9 52.9 79.3

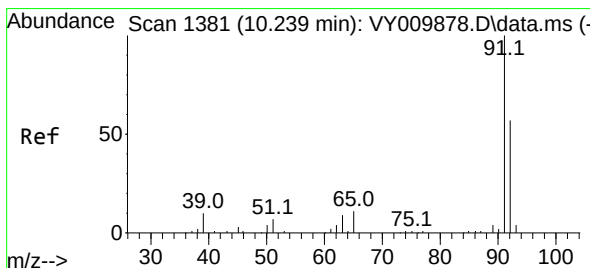
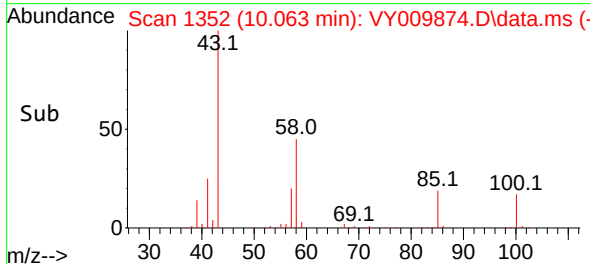
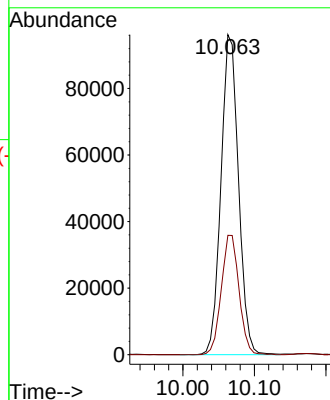
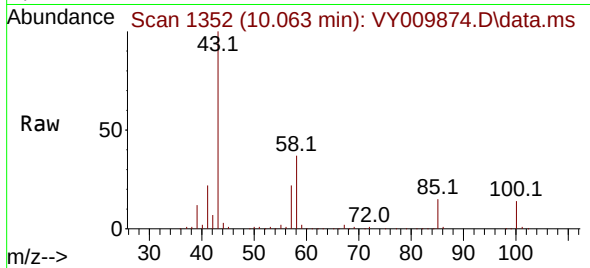




#51
4-Methyl-2-Pentanone
Concen: 312.875 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

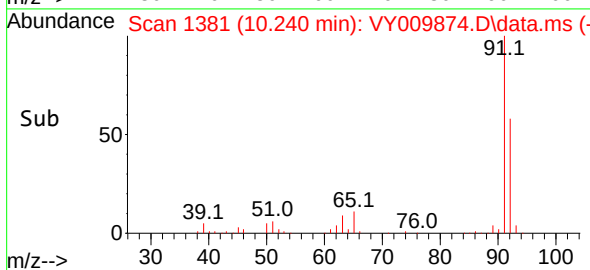
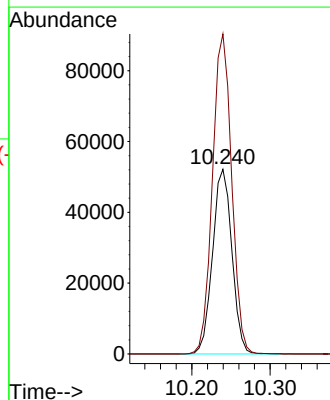
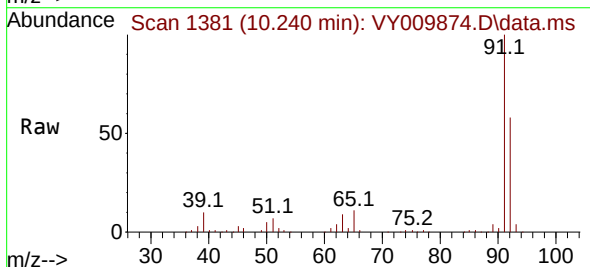
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

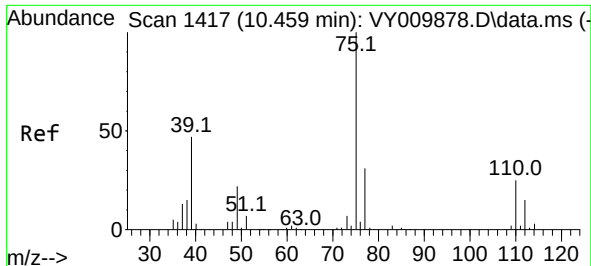
Tgt Ion: 43 Resp: 163623
Ion Ratio Lower Upper
43 100
58 37.7 31.5 47.3



#52
Toluene
Concen: 60.152 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.001 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

Tgt Ion: 92 Resp: 89409
Ion Ratio Lower Upper
92 100
91 172.0 138.7 208.1

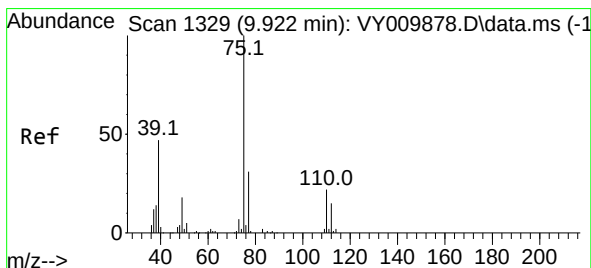
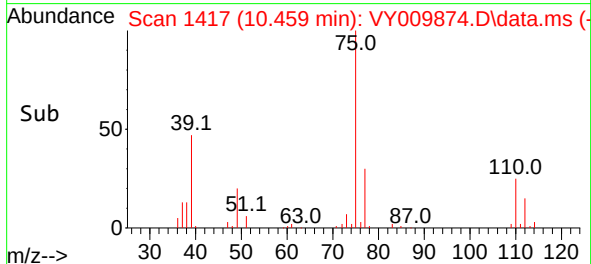
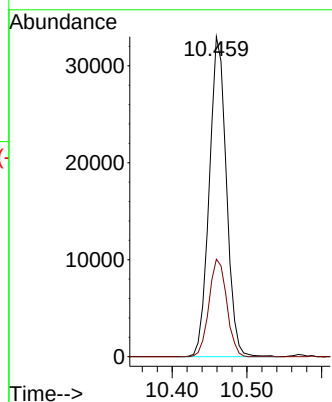
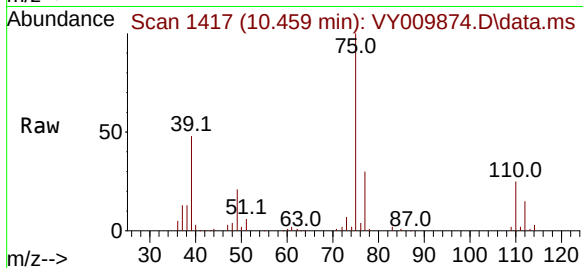




#53
t-1,3-Dichloropropene
Concen: 62.696 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

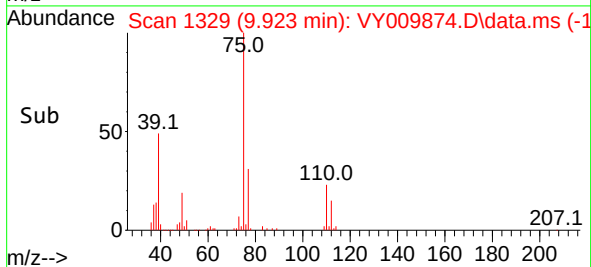
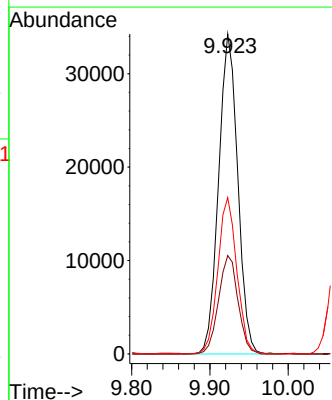
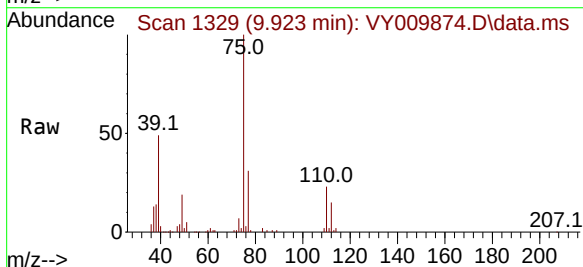
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

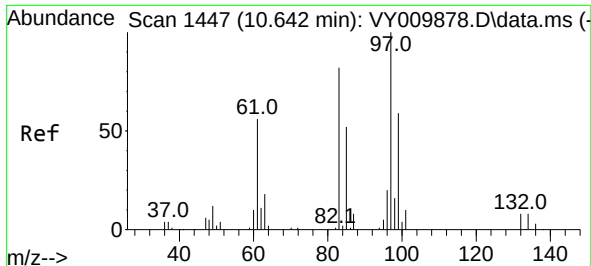
Tgt Ion: 75 Resp: 52537
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 60.777 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.001 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

Tgt Ion: 75 Resp: 58105
Ion Ratio Lower Upper
75 100
77 30.8 25.2 37.8
39 48.7 35.8 53.8

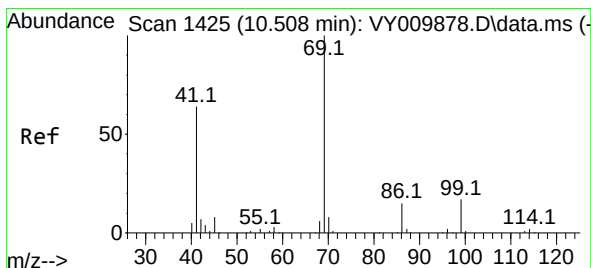
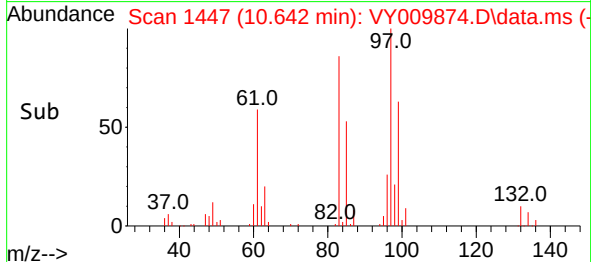
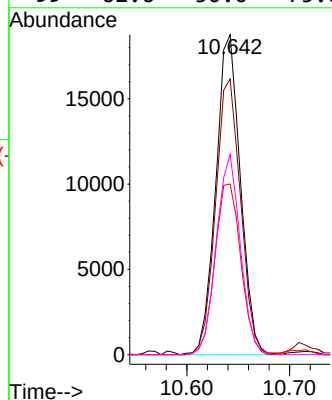
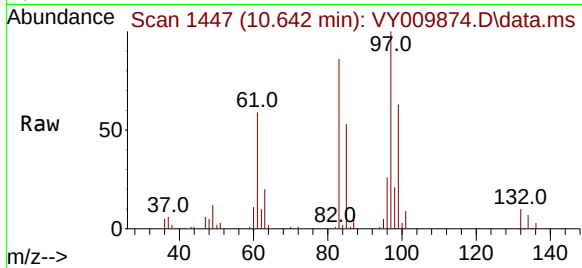




#55
1,1,2-Trichloroethane
Concen: 61.909 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

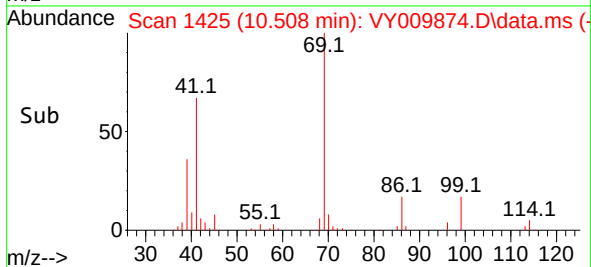
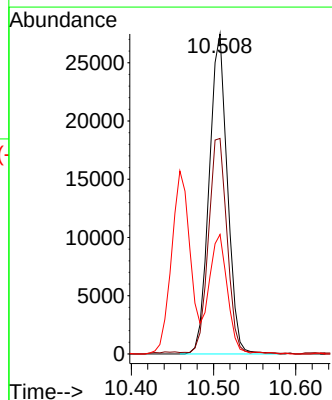
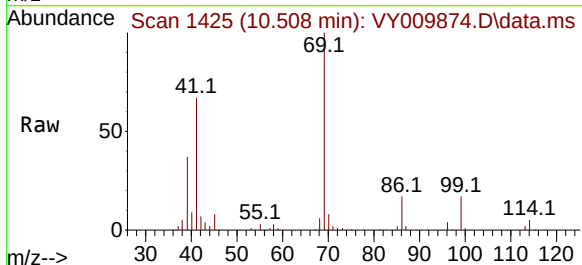
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

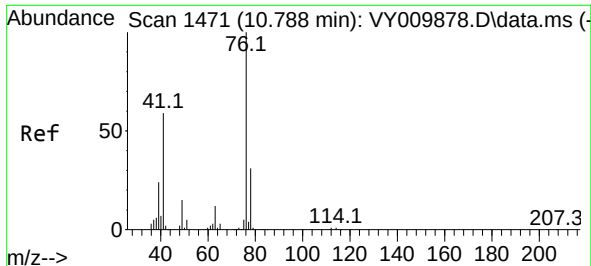
Tgt Ion:	97	Resp:	31126
Ion	Ratio	Lower	Upper
97	100		
83	86.1	66.9	100.3
85	53.3	44.2	66.4
99	62.6	50.0	75.0



#56
Ethyl methacrylate
Concen: 64.937 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

Tgt Ion:	69	Resp:	42210
Ion	Ratio	Lower	Upper
69	100		
41	69.8	50.4	75.6
39	37.8	27.6	41.4





#57

1,3-Dichloropropane

Concen: 61.509 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009874.D

Acq: 08 Aug 2022 12:55

Instrument :

MSVOA_Y

ClientSampleId :

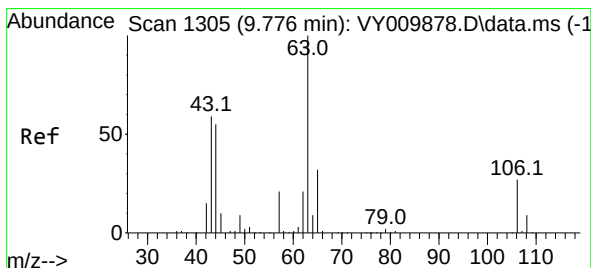
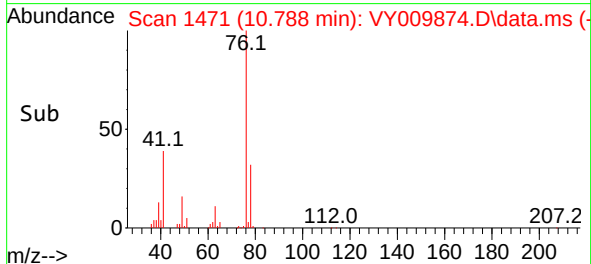
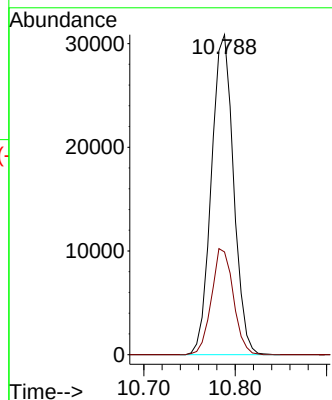
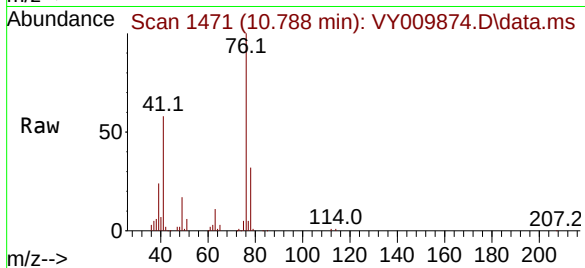
VSTDCCC050

Tgt Ion: 76 Resp: 51869

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 317.964 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009874.D

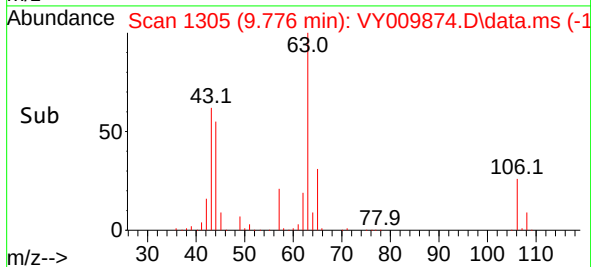
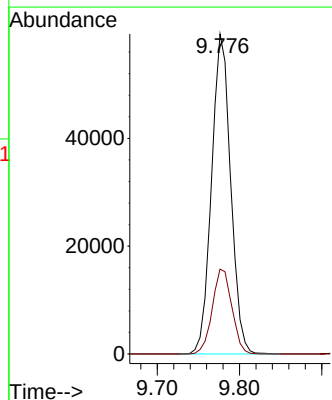
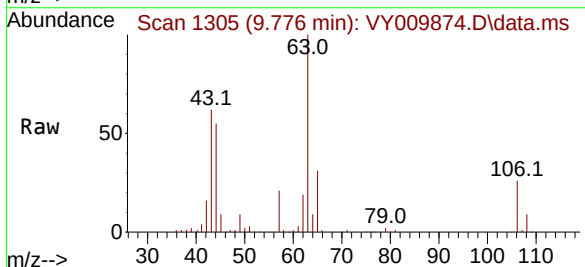
Acq: 08 Aug 2022 12:55

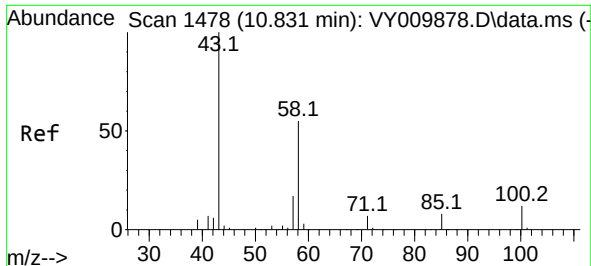
Tgt Ion: 63 Resp: 95619

Ion Ratio Lower Upper

63 100

106 27.1 23.3 34.9

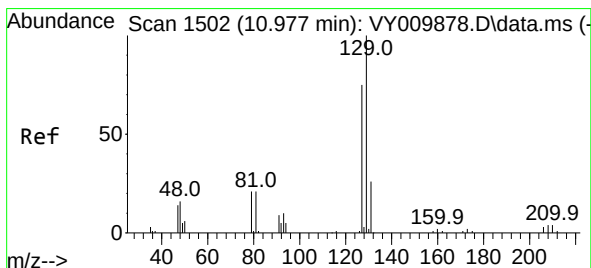
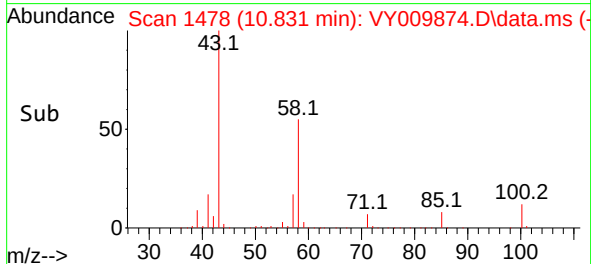
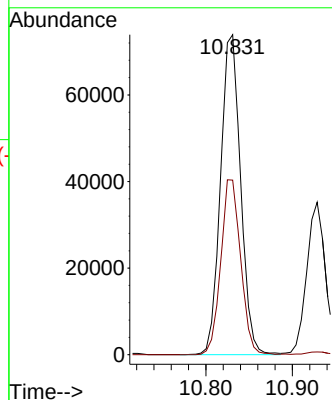
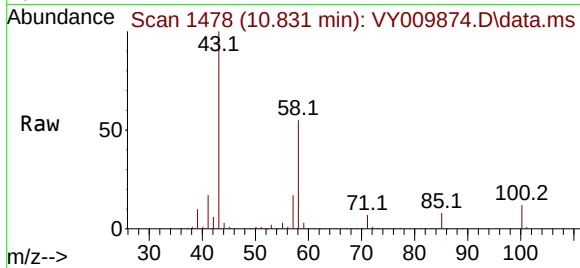




#59
2-Hexanone
Concen: 333.542 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

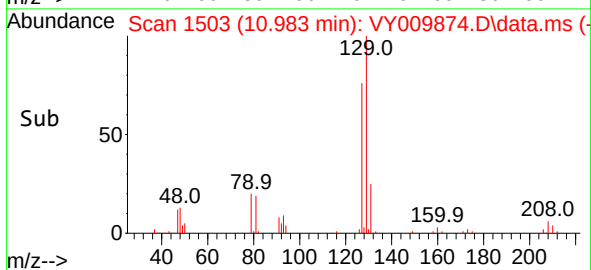
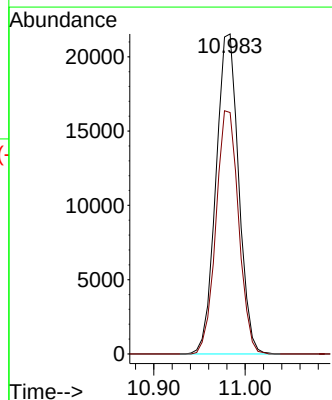
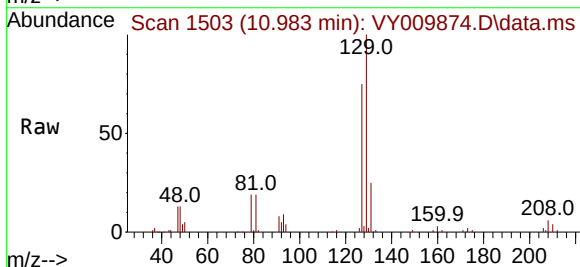
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

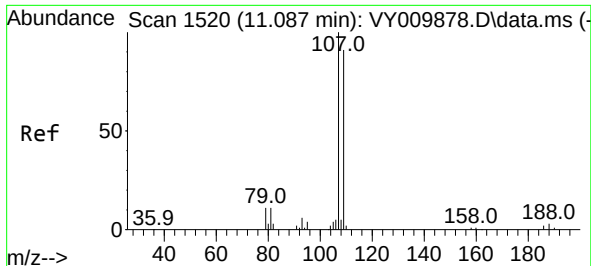
Tgt Ion: 43 Resp: 119063
Ion Ratio Lower Upper
43 100
58 54.0 27.6 82.8



#60
Dibromochloromethane
Concen: 64.174 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

Tgt Ion:129 Resp: 37145
Ion Ratio Lower Upper
129 100
127 75.8 38.8 116.4

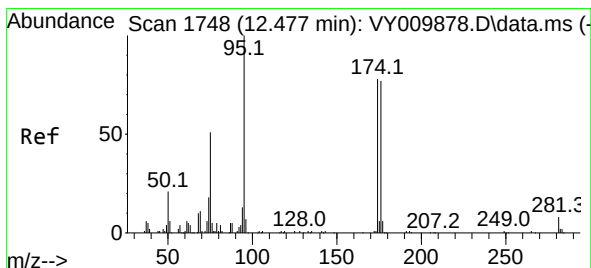
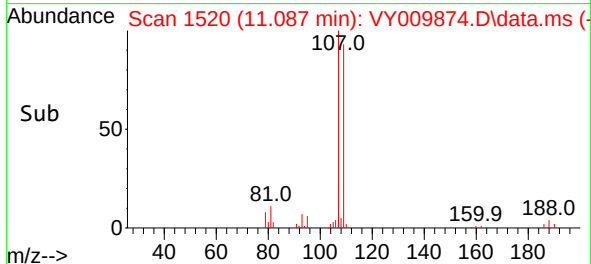
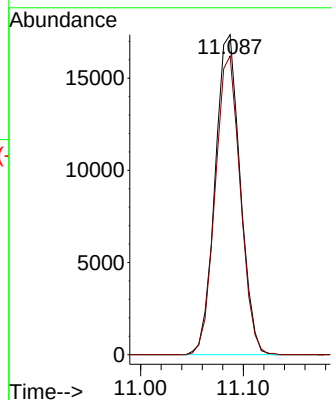
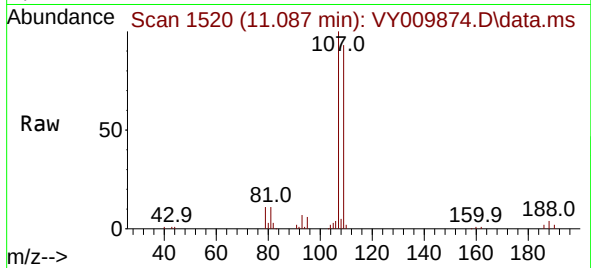




#61
1,2-Dibromoethane
Concen: 61.472 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

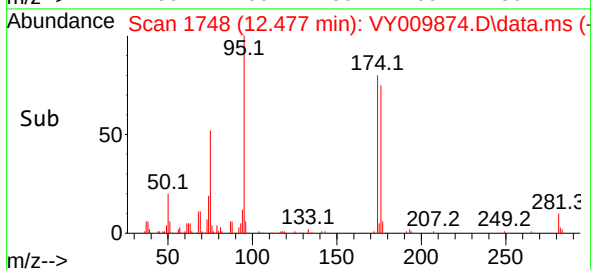
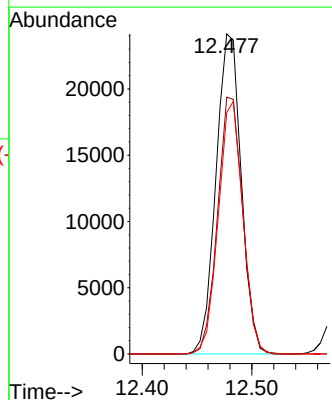
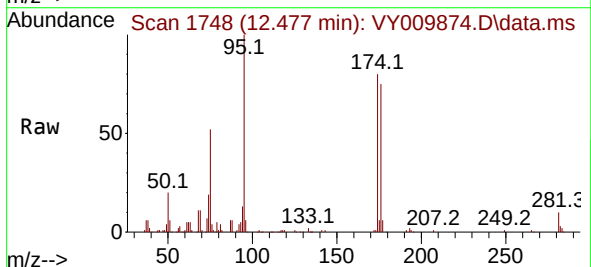
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

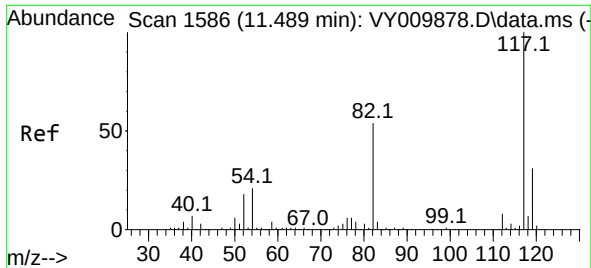
Tgt Ion:107 Resp: 29385
Ion Ratio Lower Upper
107 100
109 93.5 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 58.230 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

Tgt Ion: 95 Resp: 38605
Ion Ratio Lower Upper
95 100
174 79.8 0.0 173.8
176 76.5 0.0 167.0

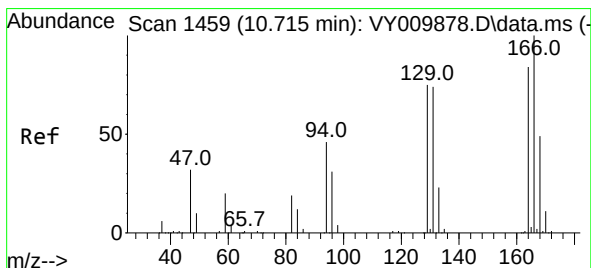
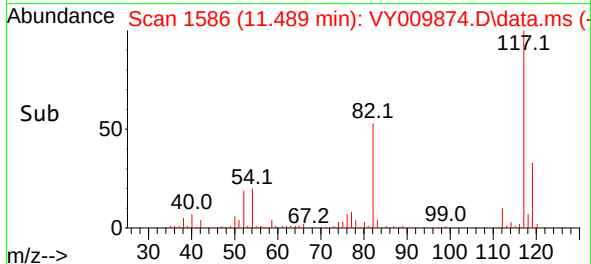
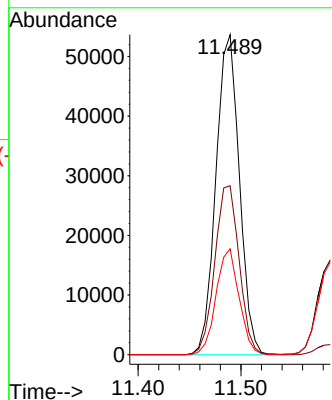
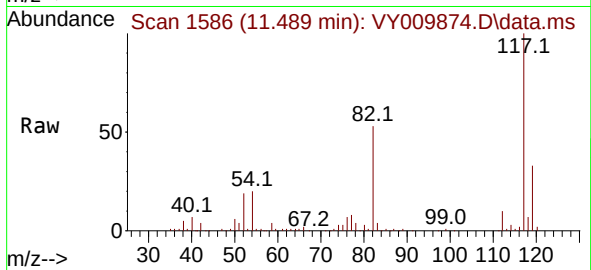




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

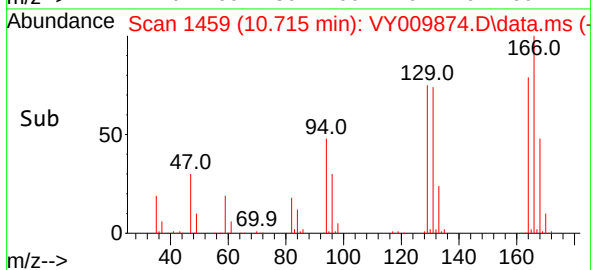
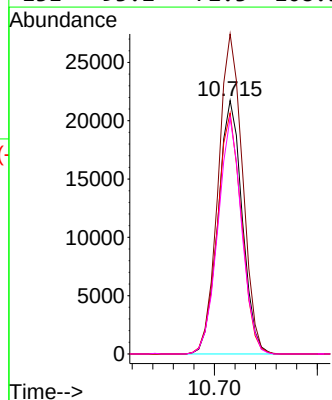
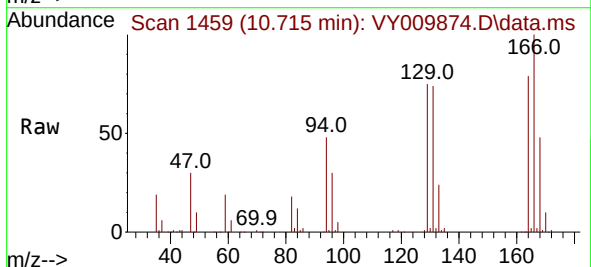
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

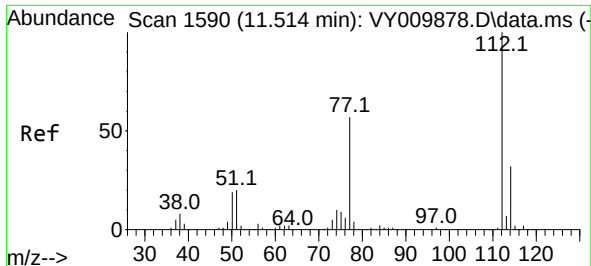
Tgt Ion:117 Resp: 84944
Ion Ratio Lower Upper
117 100
82 52.8 41.8 62.6
119 33.1 25.6 38.4



#64
Tetrachloroethene
Concen: 57.165 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

Tgt Ion:164 Resp: 35568
Ion Ratio Lower Upper
164 100
166 126.3 104.9 157.3
129 95.1 76.5 114.7
131 93.2 72.3 108.5

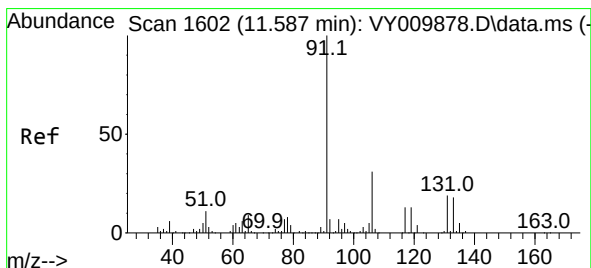
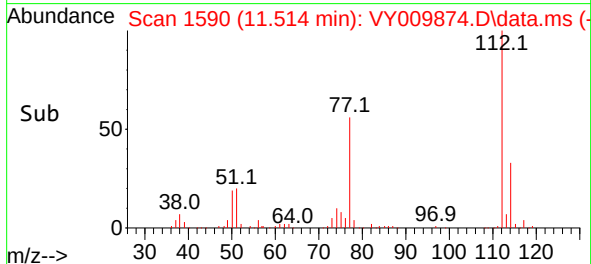
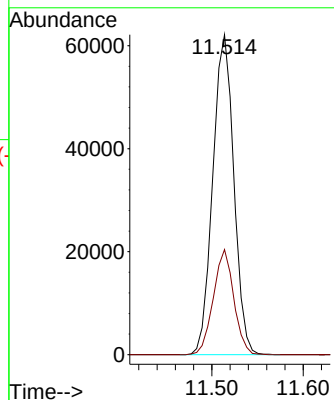
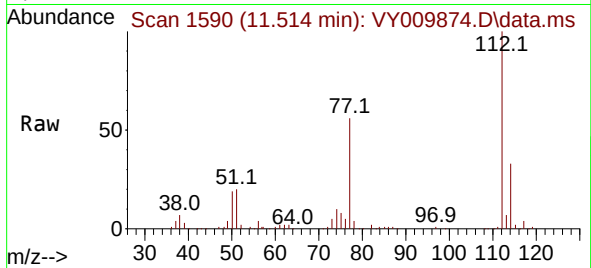




#65
Chlorobenzene
Concen: 58.854 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

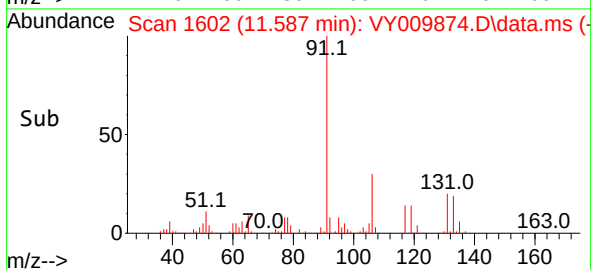
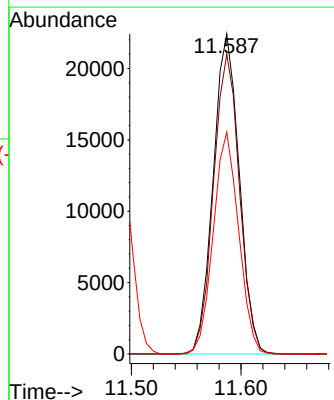
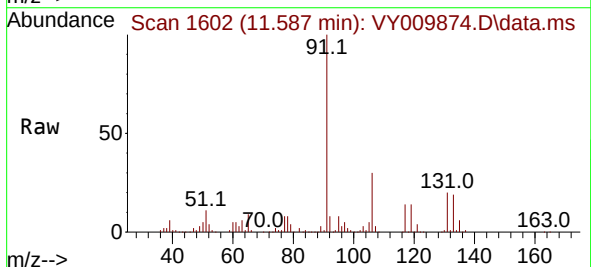
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

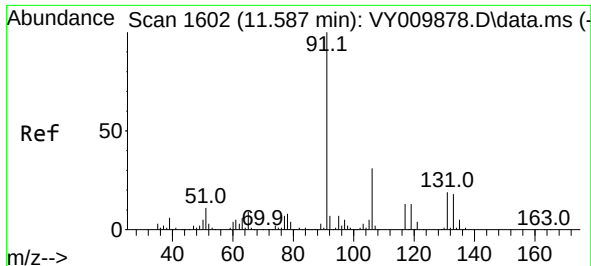
Tgt Ion:112 Resp: 99255
Ion Ratio Lower Upper
112 100
114 32.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 60.638 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

Tgt Ion:131 Resp: 36966
Ion Ratio Lower Upper
131 100
133 93.6 47.3 142.0
119 67.8 32.1 96.3





#67

Ethyl Benzene

Concen: 59.644 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009874.D

Acq: 08 Aug 2022 12:55

Instrument :

MSVOA_Y

ClientSampleId :

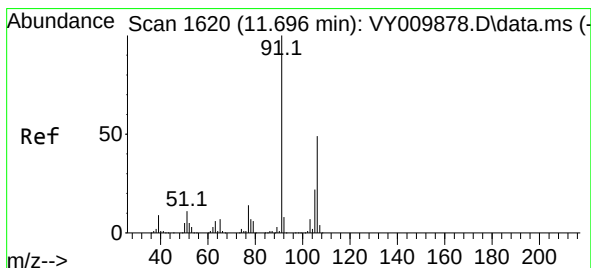
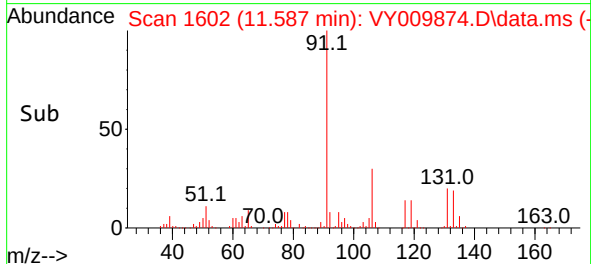
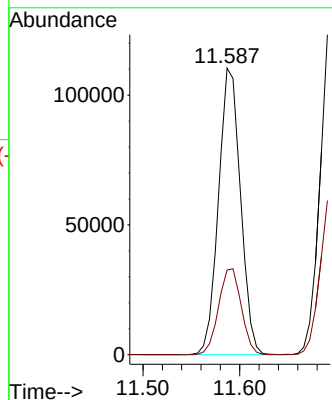
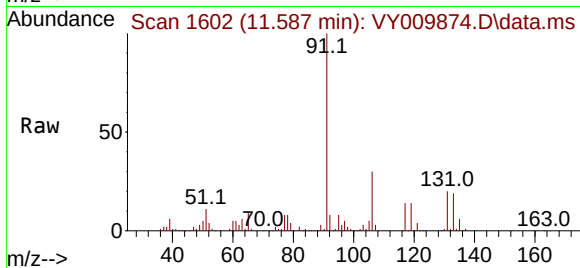
VSTDCCC050

Tgt Ion: 91 Resp: 174210

Ion Ratio Lower Upper

91 100

106 29.6 26.2 39.4



#68

m/p-Xylenes

Concen: 120.358 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.001 min

Lab File: VY009874.D

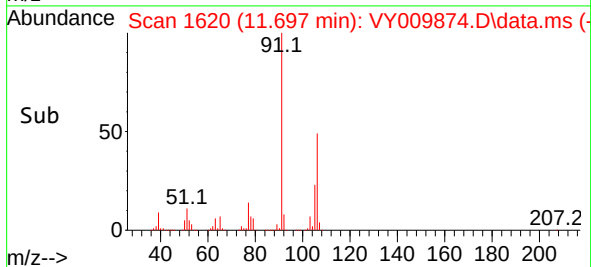
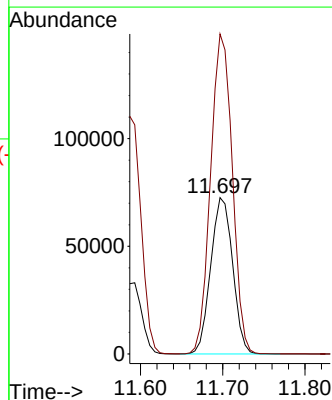
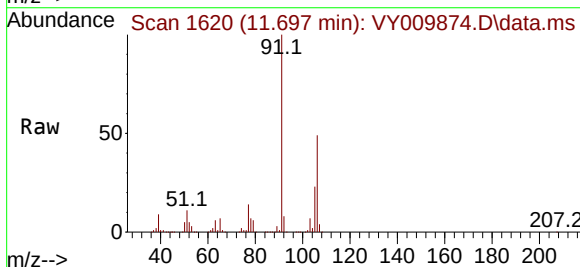
Acq: 08 Aug 2022 12:55

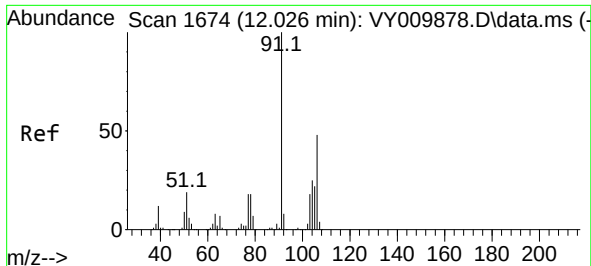
Tgt Ion:106 Resp: 134501

Ion Ratio Lower Upper

106 100

91 202.7 156.2 234.2

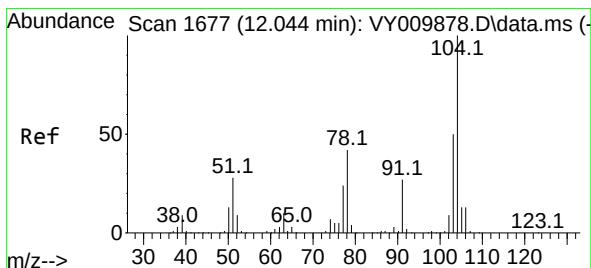
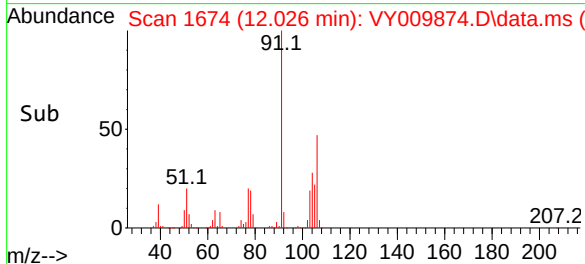
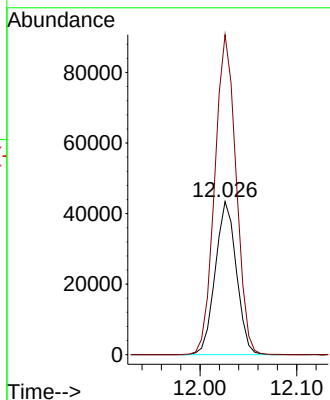
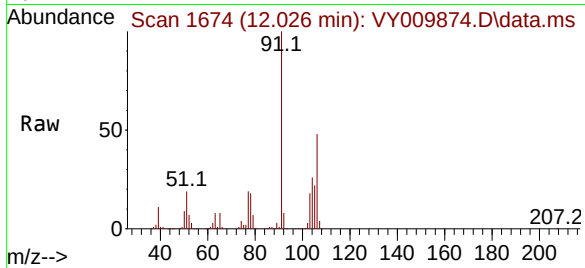




#69
o-Xylene
Concen: 62.694 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

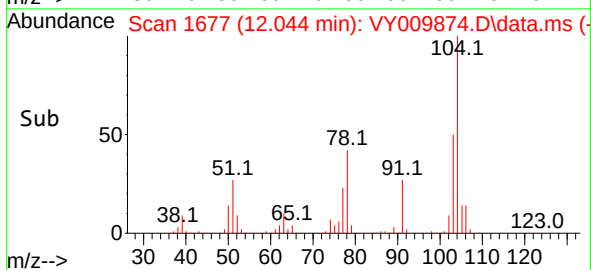
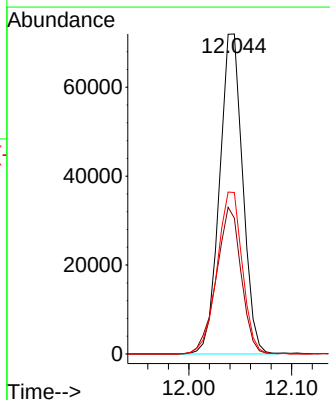
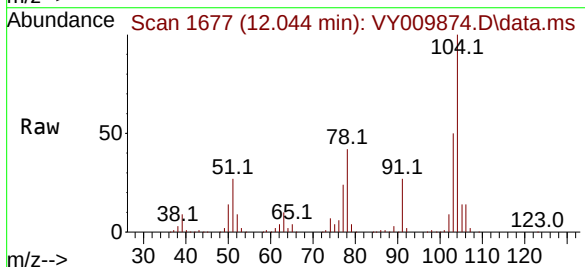
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

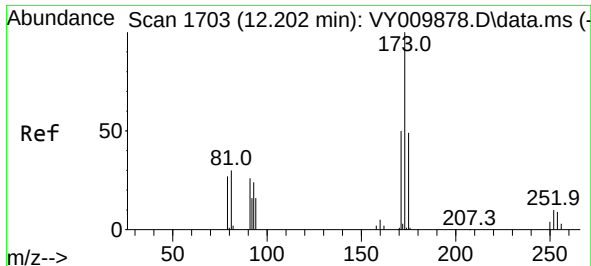
Tgt Ion:106 Resp: 65765
Ion Ratio Lower Upper
106 100
91 211.1 103.2 309.4



#70
Styrene
Concen: 62.699 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

Tgt Ion:104 Resp: 112800
Ion Ratio Lower Upper
104 100
78 49.1 38.6 57.8
103 55.1 43.3 64.9

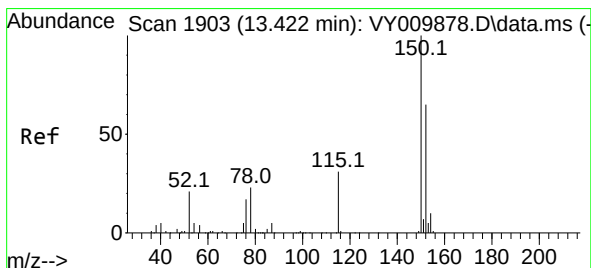
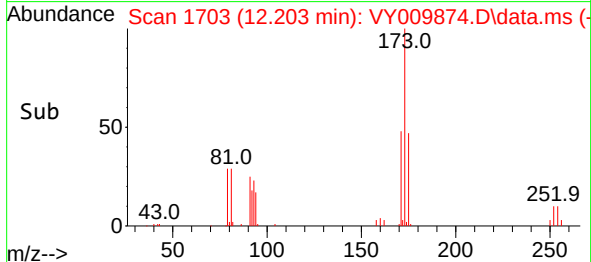
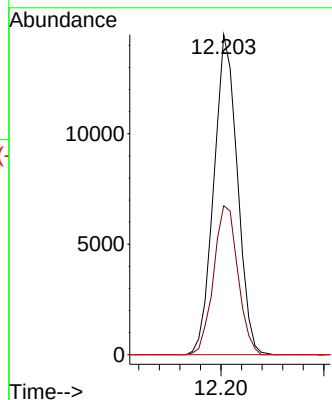
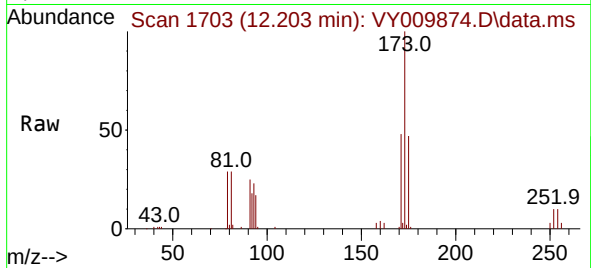




#71
Bromoform
Concen: 61.087 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

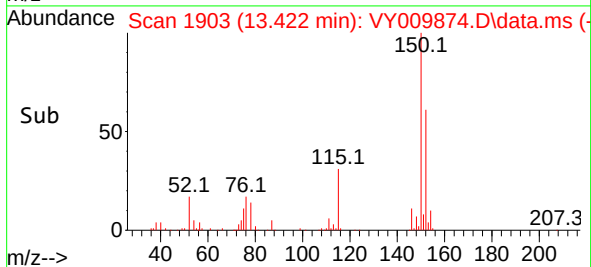
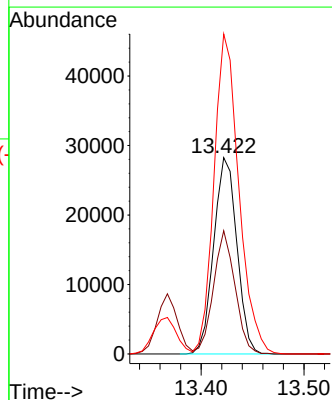
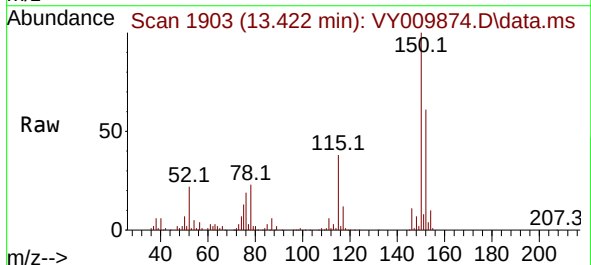
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

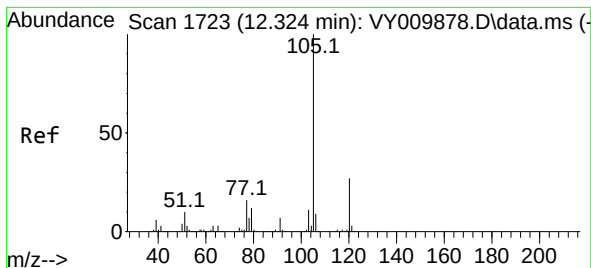
Tgt Ion:173 Resp: 23001
Ion Ratio Lower Upper
173 100
175 48.1 24.4 73.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

Tgt Ion:152 Resp: 44182
Ion Ratio Lower Upper
152 100
115 58.4 28.6 85.9
150 175.1 0.0 349.8





#73

Isopropylbenzene

Concen: 58.273 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. 0.001 min

Lab File: VY009874.D

Acq: 08 Aug 2022 12:55

Instrument :

MSVOA_Y

ClientSampleId :

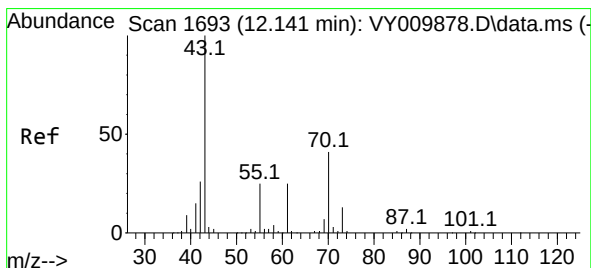
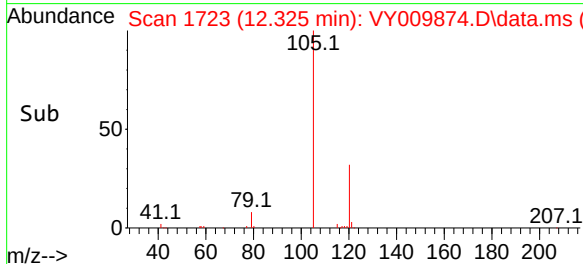
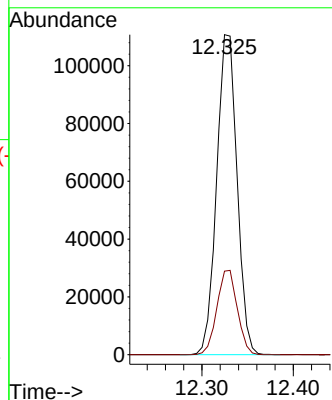
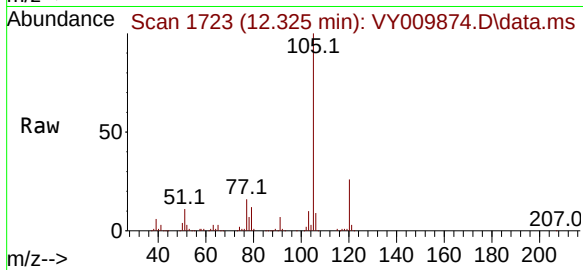
VSTDCCC050

Tgt Ion:105 Resp: 171815

Ion Ratio Lower Upper

105 100

120 26.3 13.7 41.1



#74

N-ethyl acetate

Concen: 58.758 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.001 min

Lab File: VY009874.D

Acq: 08 Aug 2022 12:55

Tgt Ion: 43 Resp: 56212

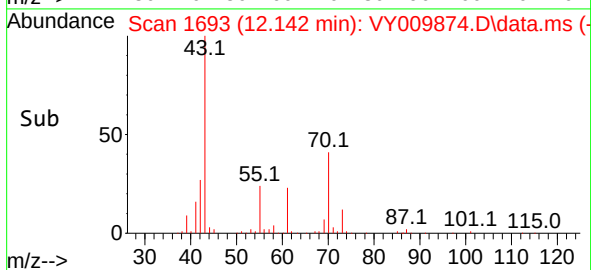
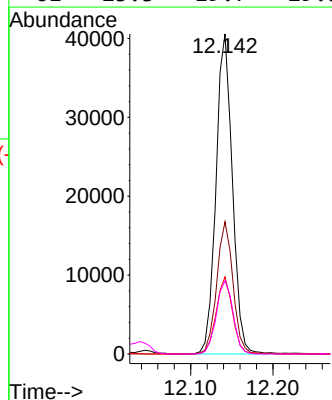
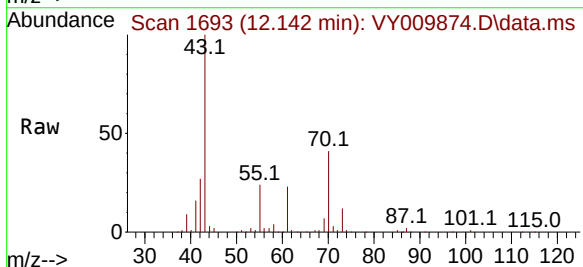
Ion Ratio Lower Upper

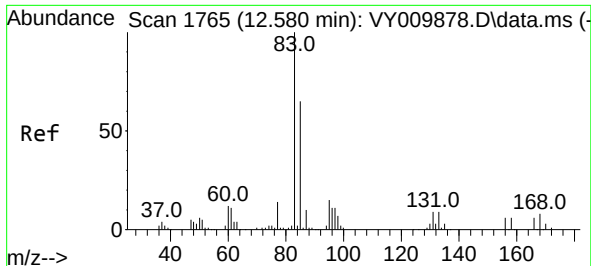
43 100

70 40.9 35.6 53.4

55 24.0 19.5 29.3

61 23.3 19.7 29.5

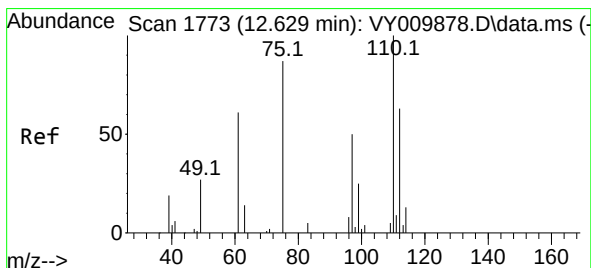
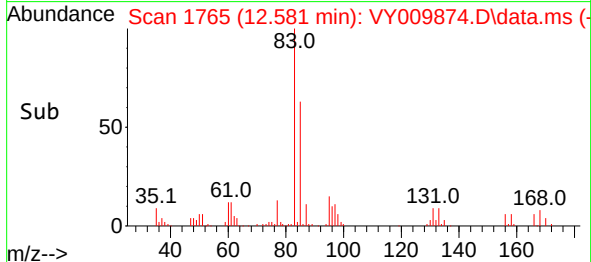
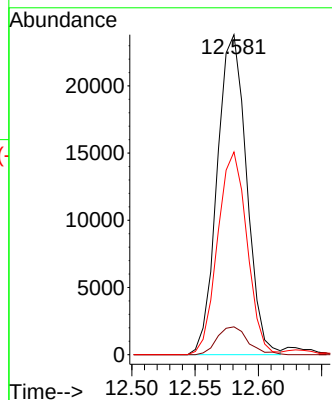
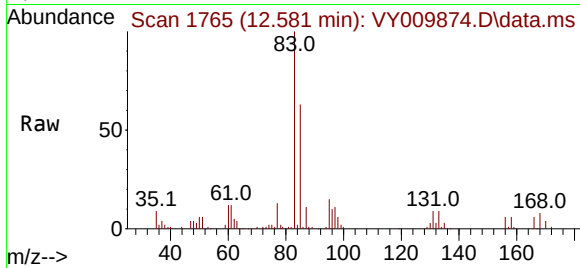




#75
 1,1,2,2-Tetrachloroethane
 Concen: 56.944 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.001 min
 Lab File: VY009874.D
 Acq: 08 Aug 2022 12:55

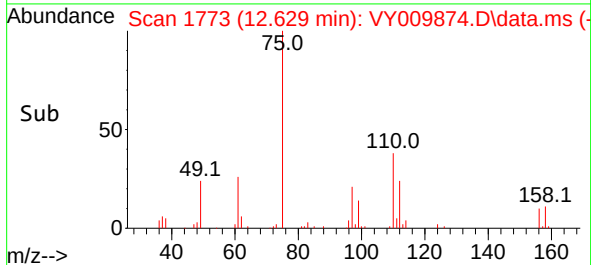
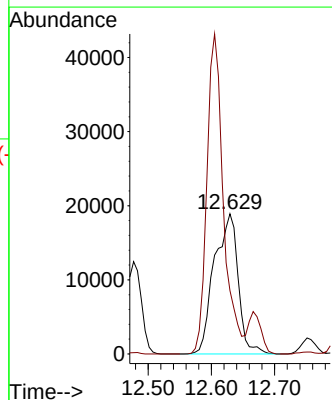
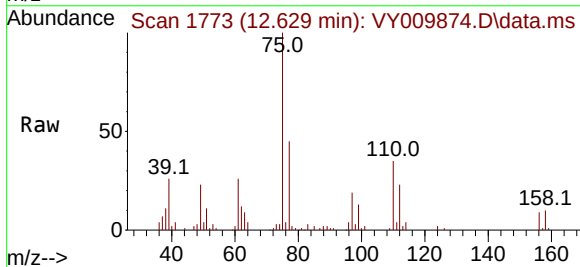
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

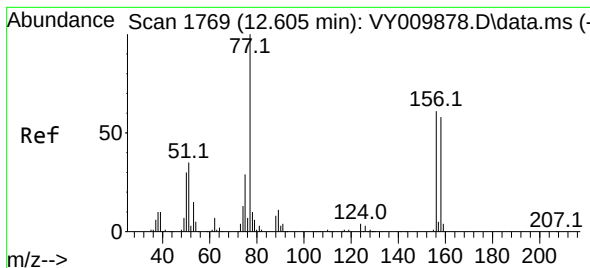
Tgt Ion: 83 Resp: 38492
 Ion Ratio Lower Upper
 83 100
 131 9.1 5.4 16.2
 85 63.3 32.8 98.4



#76
 1,2,3-Trichloropropane
 Concen: 102.385 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VY009874.D
 Acq: 08 Aug 2022 12:55

Tgt Ion: 75 Resp: 49492
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.195 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009874.D

Acq: 08 Aug 2022 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

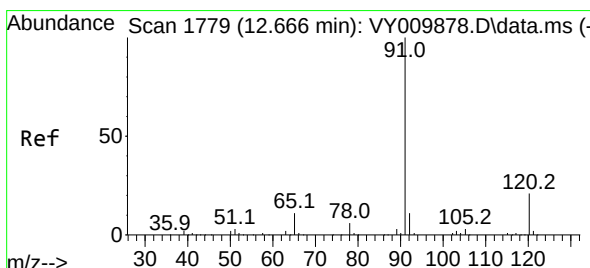
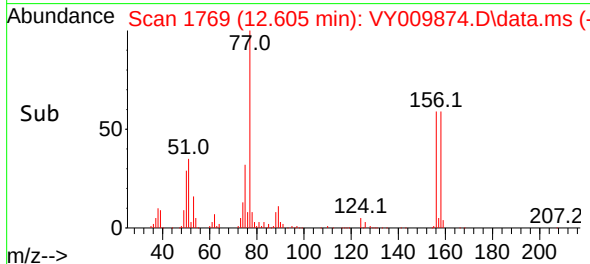
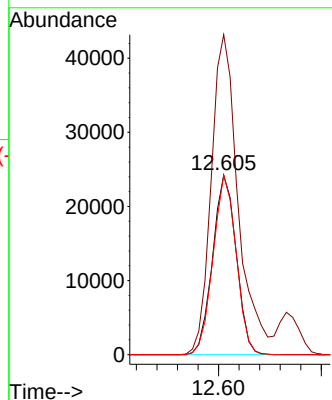
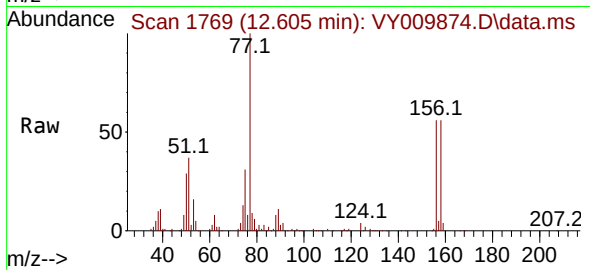
Tgt Ion:156 Resp: 38587

Ion Ratio Lower Upper

156 100

77 202.5 88.1 264.3

158 97.6 48.6 145.8



#78

n-propylbenzene

Concen: 57.624 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY009874.D

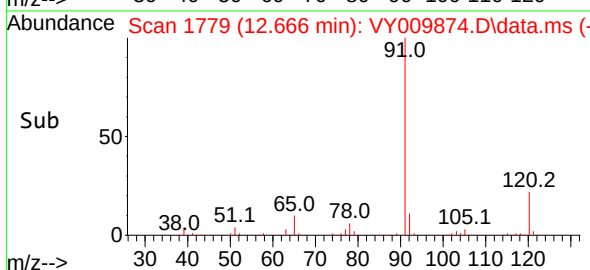
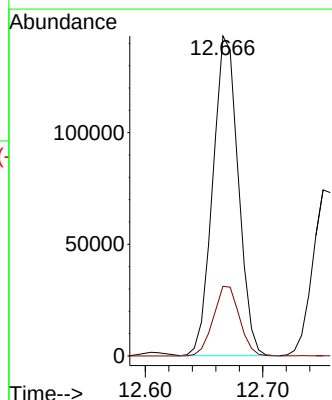
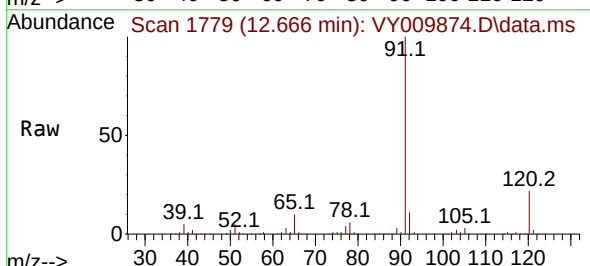
Acq: 08 Aug 2022 12:55

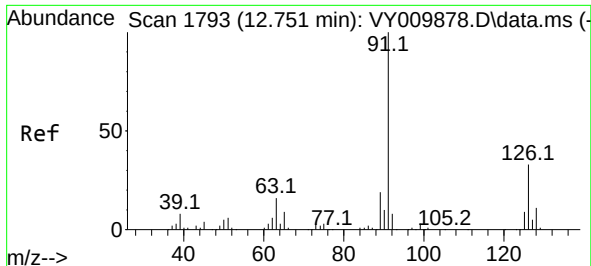
Tgt Ion: 91 Resp: 215824

Ion Ratio Lower Upper

91 100

120 22.3 11.9 35.5





#79

2-Chlorotoluene

Concen: 56.697 ug/l

RT: 12.751 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009874.D

Acq: 08 Aug 2022 12:55

Instrument :

MSVOA_Y

ClientSampleId :

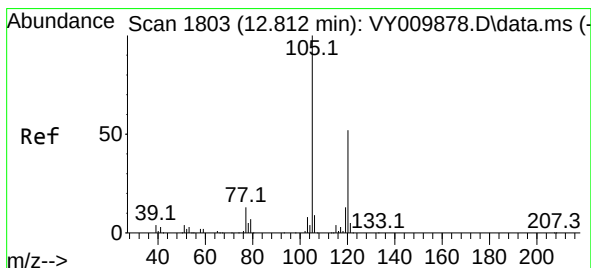
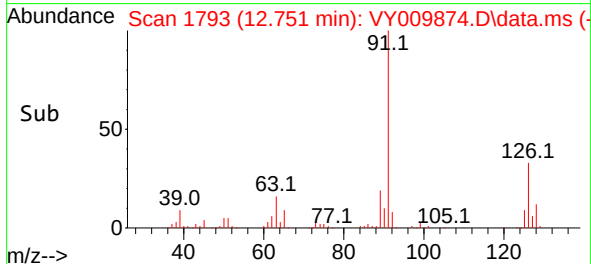
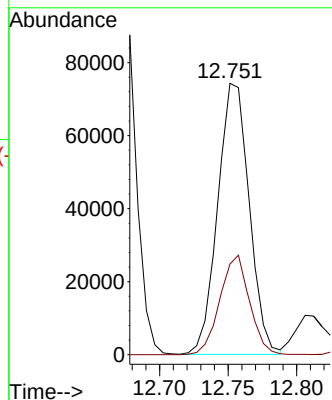
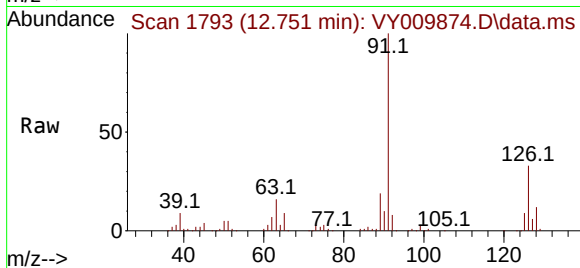
VSTDCCC050

Tgt Ion: 91 Resp: 118849

Ion Ratio Lower Upper

91 100

126 34.4 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 57.498 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY009874.D

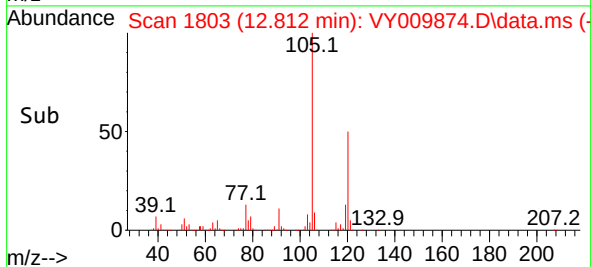
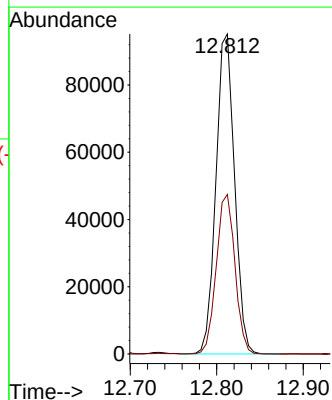
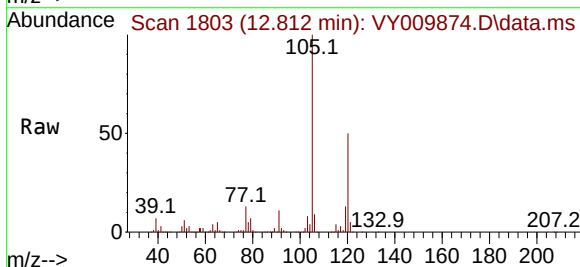
Acq: 08 Aug 2022 12:55

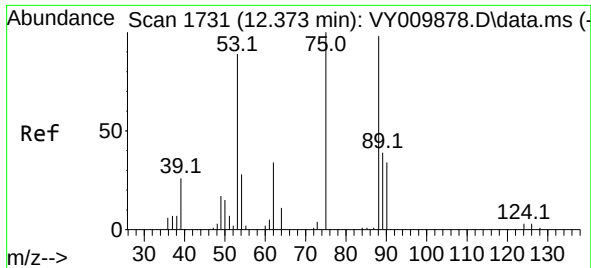
Tgt Ion: 105 Resp: 141949

Ion Ratio Lower Upper

105 100

120 50.0 25.3 75.8

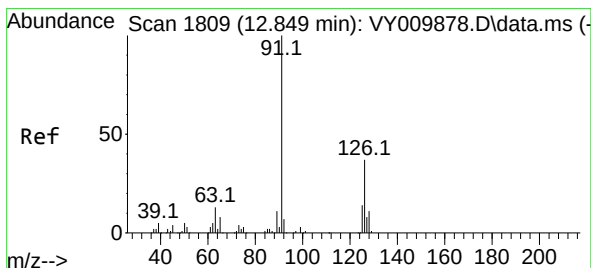
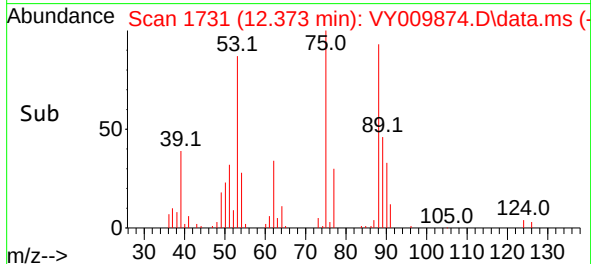
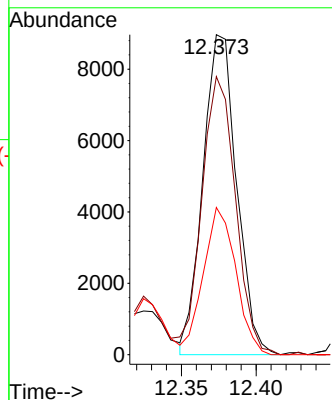
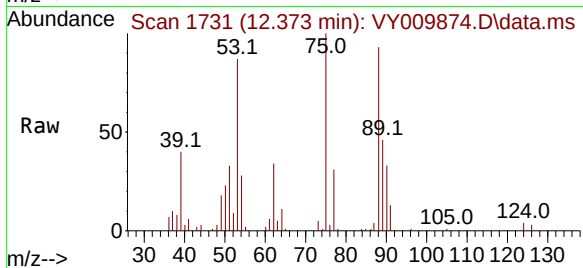




#81
trans-1,4-Dichloro-2-butene
Concen: 58.830 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

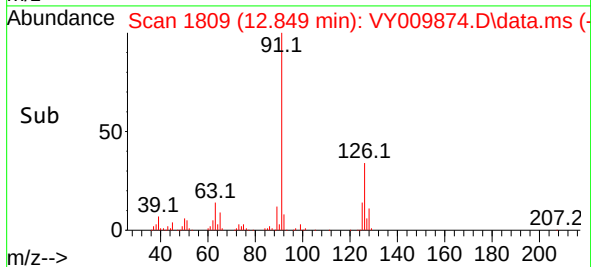
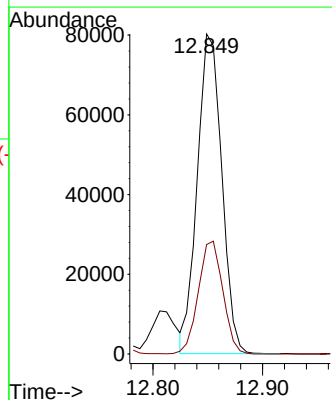
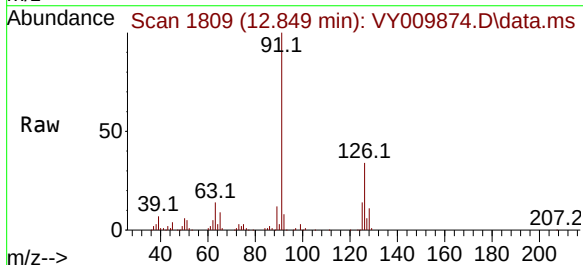
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

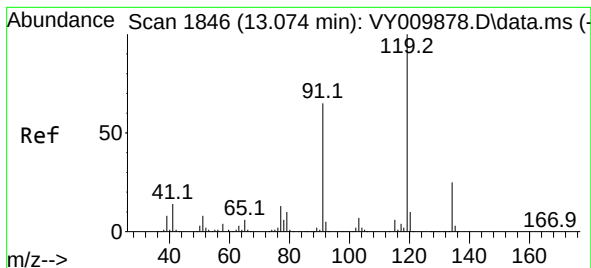
Tgt Ion: 75 Resp: 14066
Ion Ratio Lower Upper
75 100
53 87.5 71.4 107.2
89 44.4 38.1 57.1



#82
4-Chlorotoluene
Concen: 56.423 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

Tgt Ion: 91 Resp: 124691
Ion Ratio Lower Upper
91 100
126 35.3 18.0 54.0





#83

tert-Butylbenzene

Concen: 57.674 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY009874.D

Acq: 08 Aug 2022 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

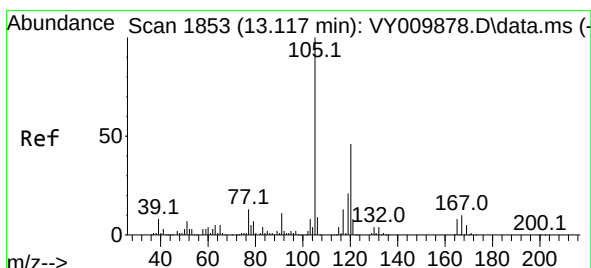
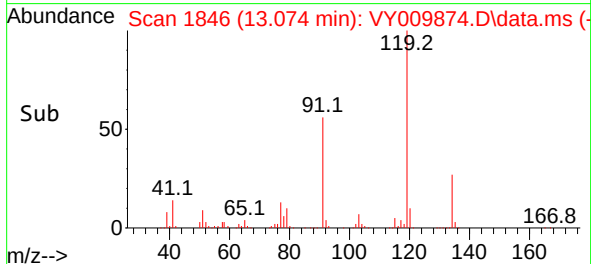
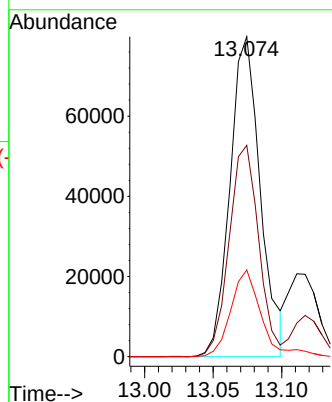
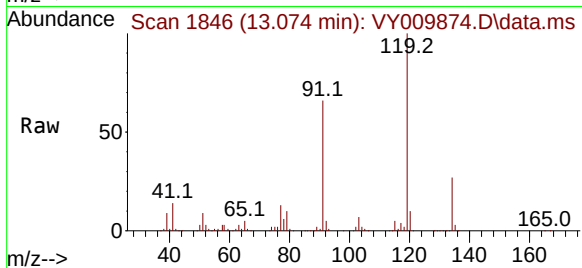
Tgt Ion:119 Resp: 123085

Ion Ratio Lower Upper

119 100

91 64.6 32.0 96.0

134 27.4 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 58.919 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009874.D

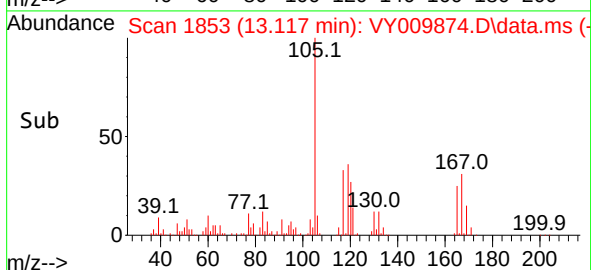
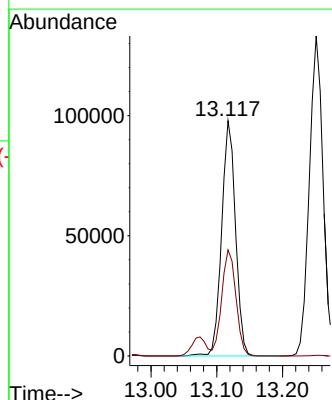
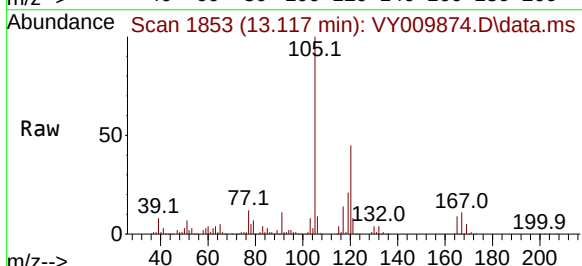
Acq: 08 Aug 2022 12:55

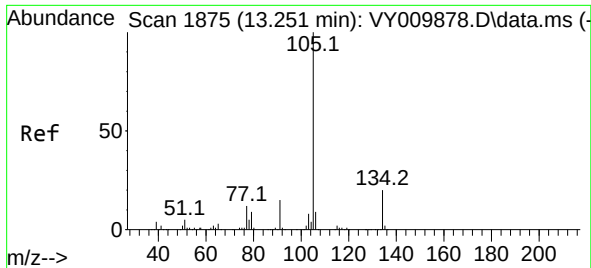
Tgt Ion:105 Resp: 143683

Ion Ratio Lower Upper

105 100

120 45.9 23.4 70.3

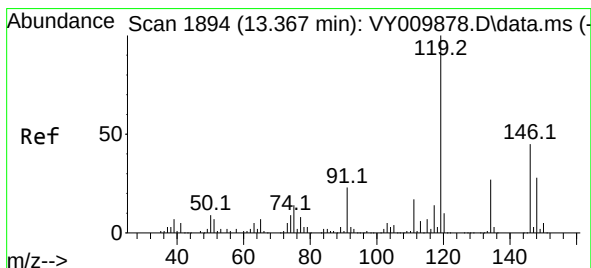
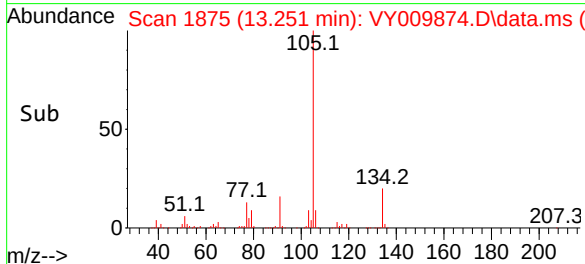
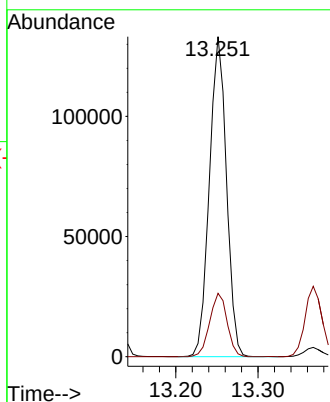
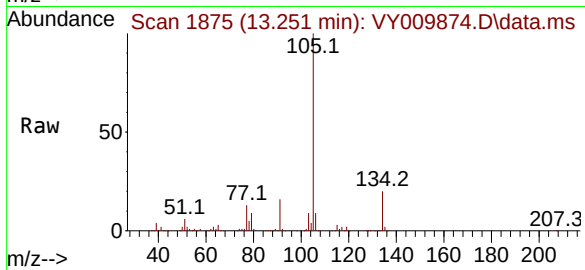




#85
 sec-Butylbenzene
 Concen: 58.712 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY009874.D
 Acq: 08 Aug 2022 12:55

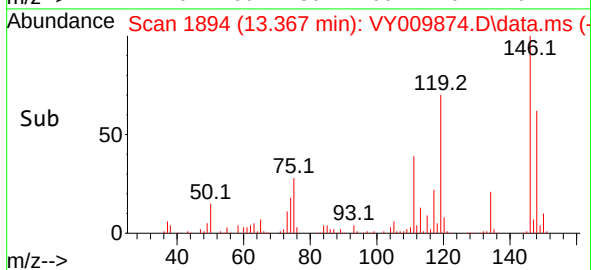
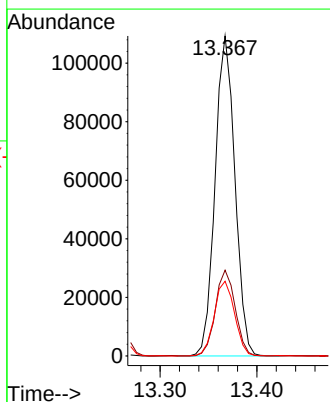
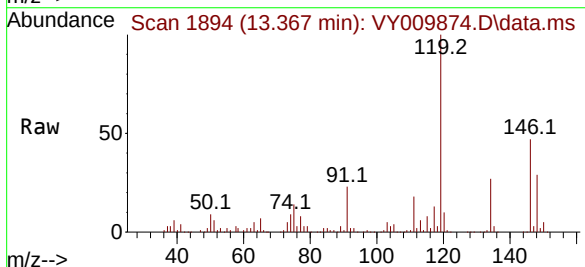
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

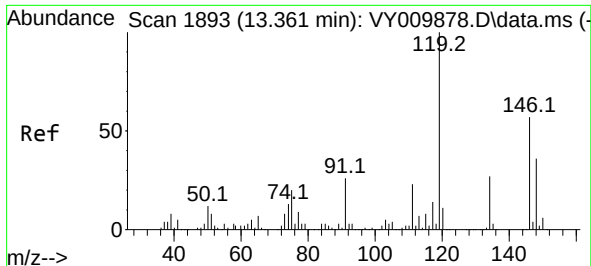
Tgt Ion:105 Resp: 192384
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 58.545 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009874.D
 Acq: 08 Aug 2022 12:55

Tgt Ion:119 Resp: 155297
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.4
 91 24.0 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 56.165 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY009874.D

Acq: 08 Aug 2022 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

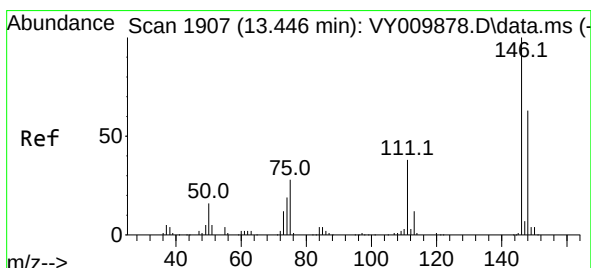
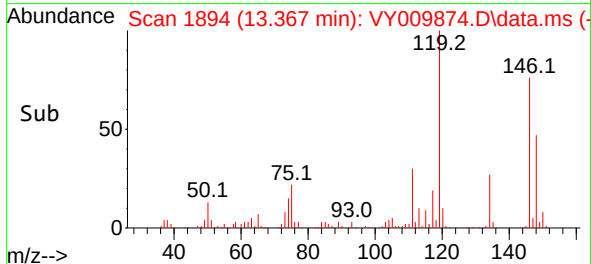
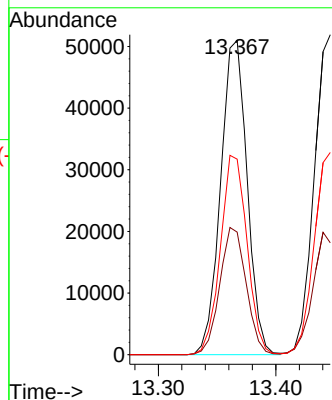
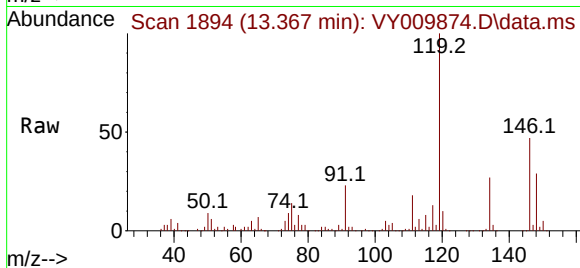
Tgt Ion:146 Resp: 79981

Ion Ratio Lower Upper

146 100

111 40.4 19.1 57.3

148 63.7 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 55.858 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY009874.D

Acq: 08 Aug 2022 12:55

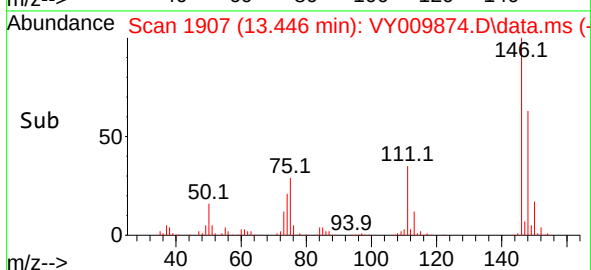
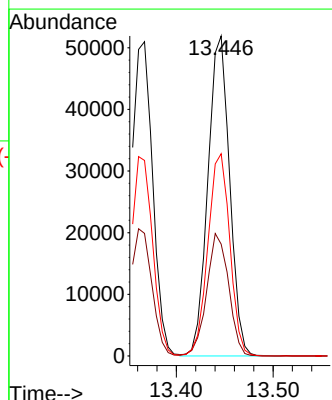
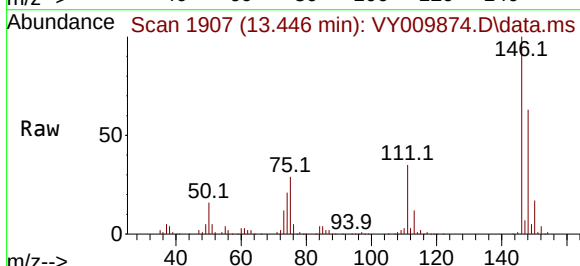
Tgt Ion:146 Resp: 80913

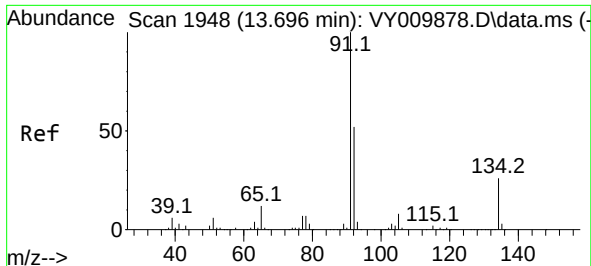
Ion Ratio Lower Upper

146 100

111 38.7 18.9 56.9

148 63.8 31.6 95.0

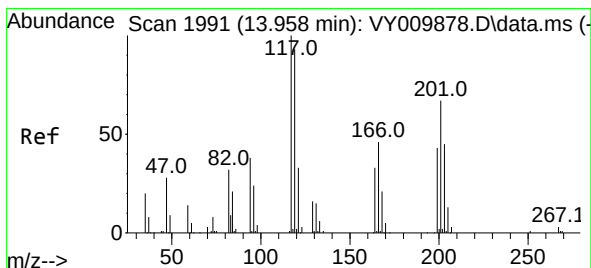
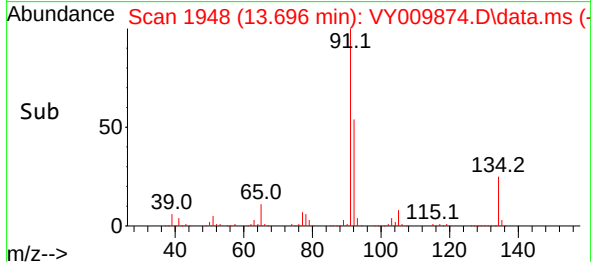
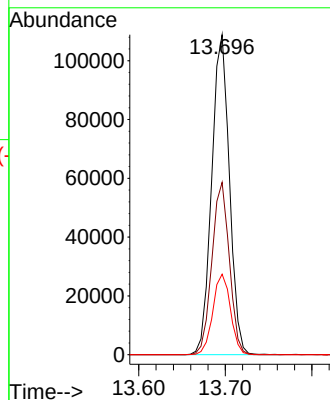
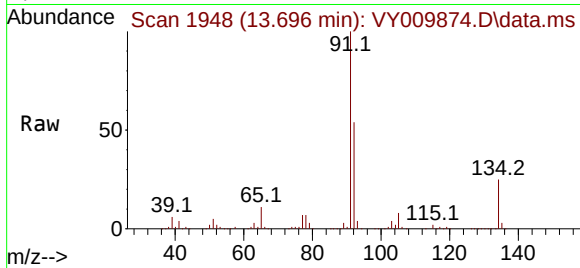




#89
n-Butylbenzene
Concen: 59.635 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

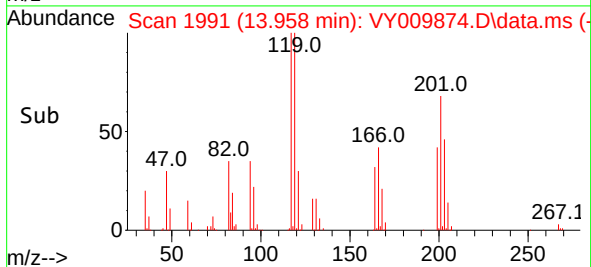
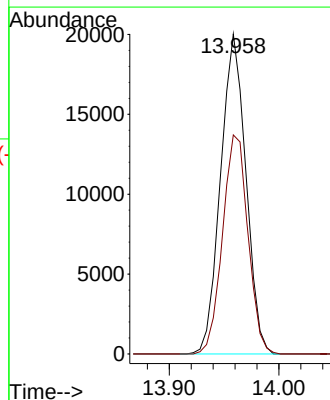
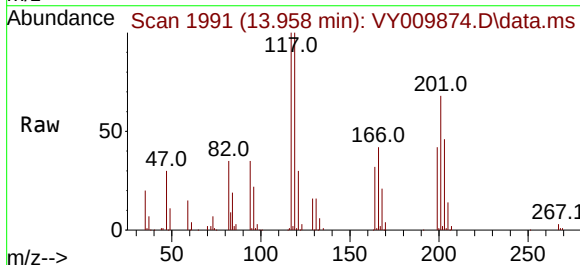
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

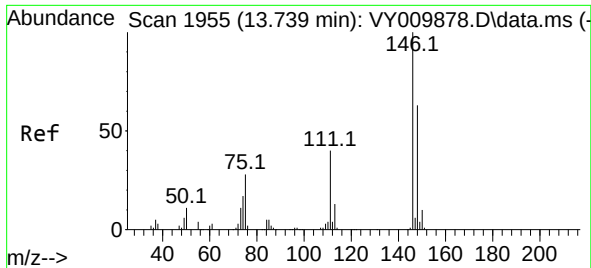
Tgt Ion:	91	Resp:	154523
Ion Ratio	Lower	Upper	
91	100		
92	53.0	26.9	80.7
134	25.1	14.0	41.9



#90
Hexachloroethane
Concen: 58.089 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY009874.D
Acq: 08 Aug 2022 12:55

Tgt Ion:	117	Resp:	32106
Ion Ratio	Lower	Upper	
117	100		
201	68.9	38.8	116.3

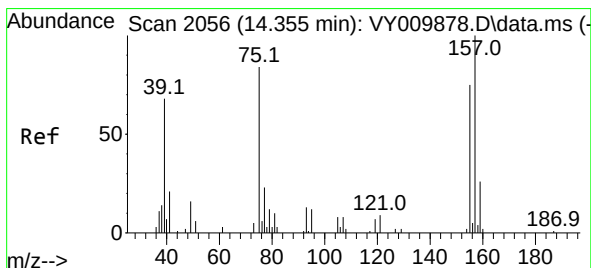
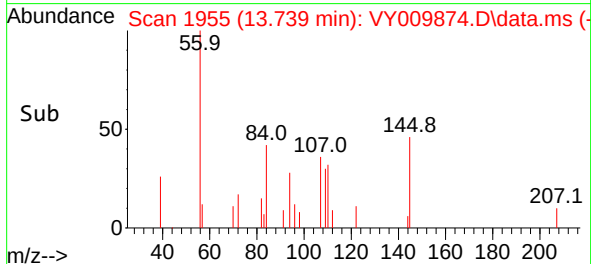
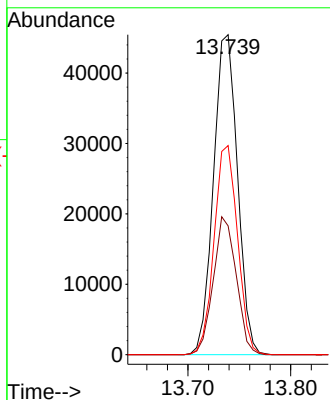
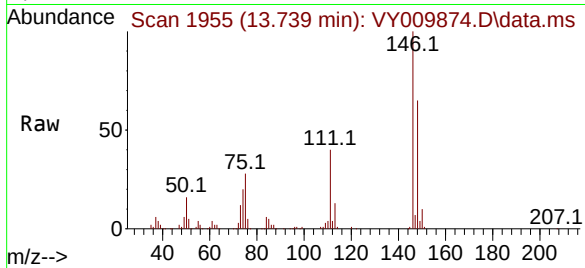




#91
 1,2-Dichlorobenzene
 Concen: 56.822 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. -0.000 min
 Lab File: VY009874.D
 Acq: 08 Aug 2022 12:55

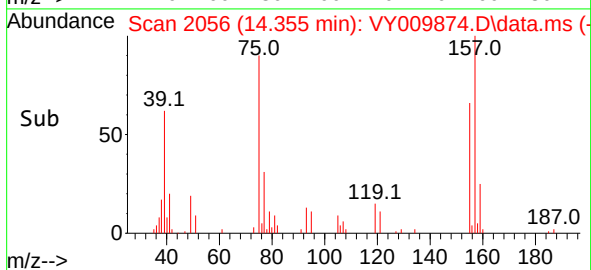
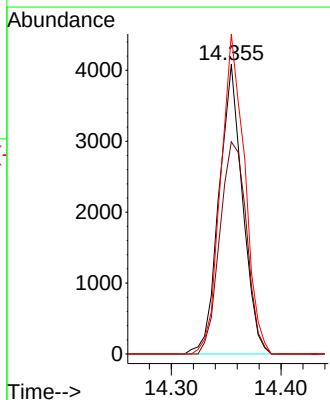
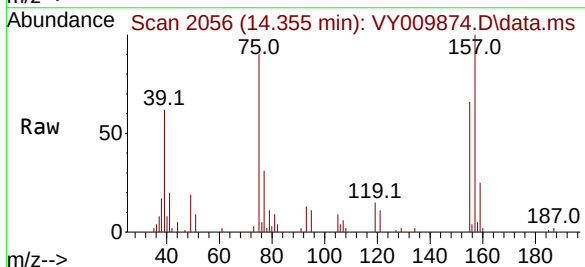
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

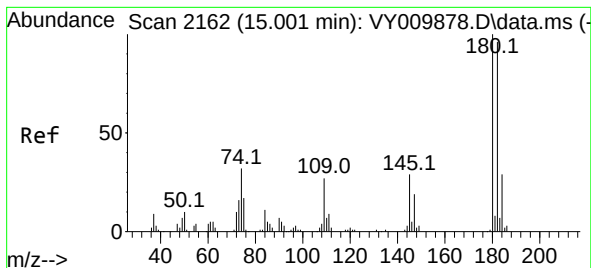
Tgt Ion:146 Resp: 73754
 Ion Ratio Lower Upper
 146 100
 111 41.3 19.7 59.1
 148 63.8 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.214 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY009874.D
 Acq: 08 Aug 2022 12:55

Tgt Ion: 75 Resp: 6078
 Ion Ratio Lower Upper
 75 100
 155 83.1 46.4 139.1
 157 112.6 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 57.869 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY009874.D

Acq: 08 Aug 2022 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

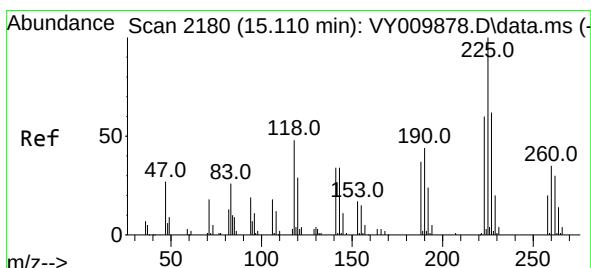
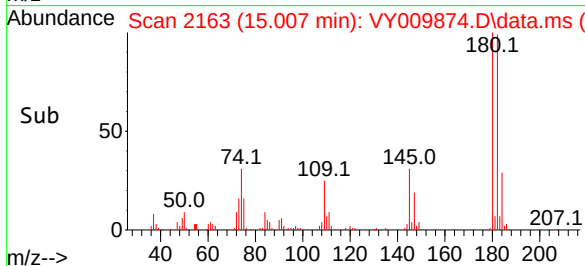
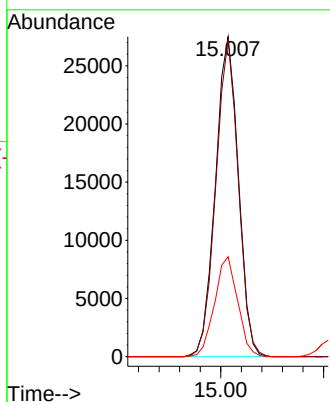
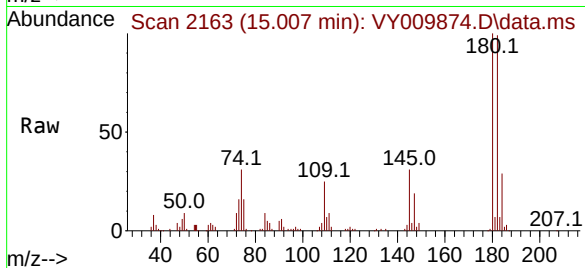
Tgt Ion:180 Resp: 42576

Ion Ratio Lower Upper

180 100

182 96.8 47.3 141.9

145 31.4 15.1 45.3



#94

Hexachlorobutadiene

Concen: 56.580 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.001 min

Lab File: VY009874.D

Acq: 08 Aug 2022 12:55

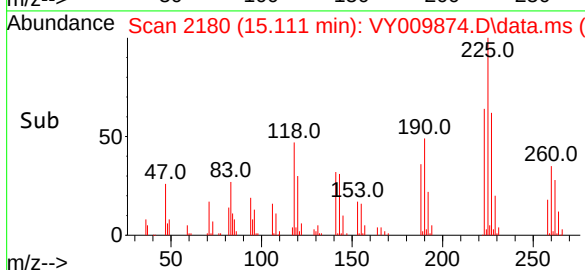
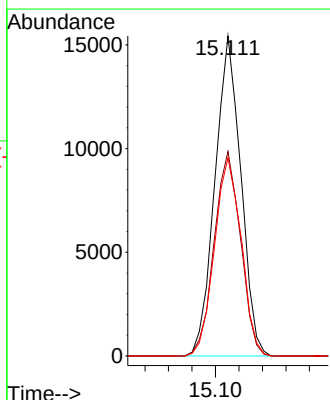
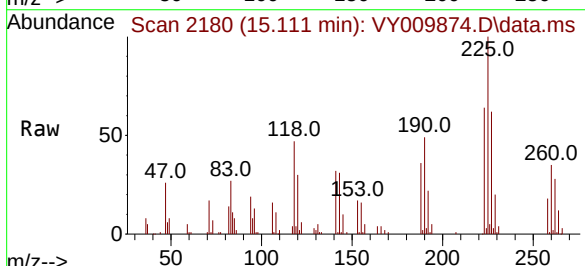
Tgt Ion:225 Resp: 23643

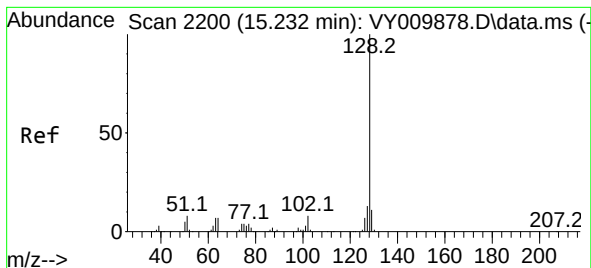
Ion Ratio Lower Upper

225 100

223 64.9 30.8 92.3

227 63.9 31.9 95.5





#95

Naphthalene

Concen: 61.102 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.001 min

Lab File: VY009874.D

Acq: 08 Aug 2022 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

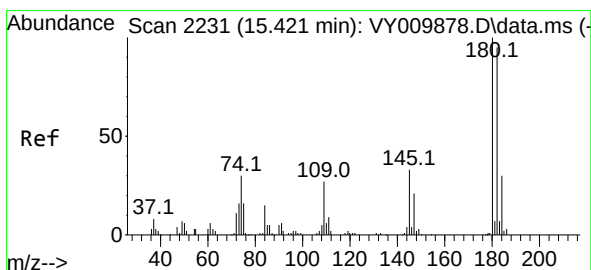
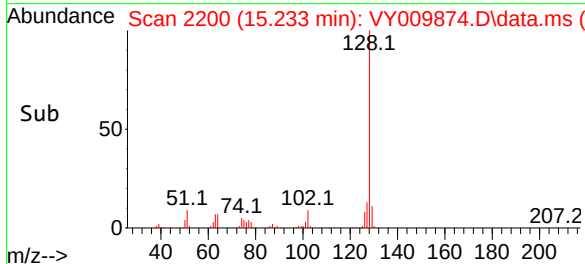
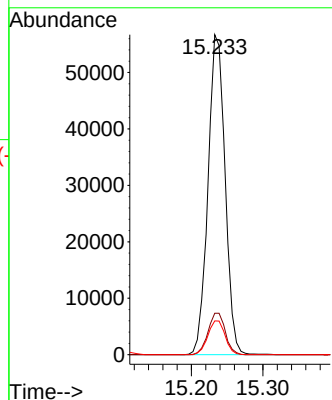
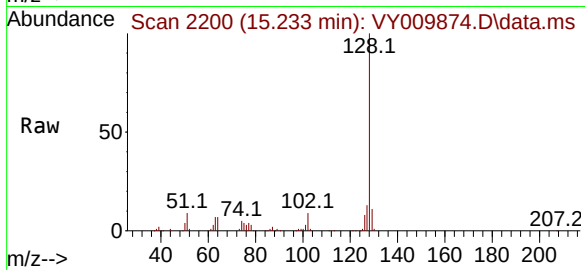
Tgt Ion:128 Resp: 94125

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 58.406 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.001 min

Lab File: VY009874.D

Acq: 08 Aug 2022 12:55

Tgt Ion:180 Resp: 38231

Ion Ratio Lower Upper

180 100

182 96.4 47.0 141.0

145 32.6 15.6 46.7

