

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011148.D
 Acq On : 28 Oct 2022 10:53
 Operator : KP/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Oct 28 22:46:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 22:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	261914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	431021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	390219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	189631	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	53323	19.689	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	39.380%#
35) Dibromofluoromethane	7.716	113	51658	19.489	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	38.980%#
50) Toluene-d8	10.179	98	209680	19.968	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	39.940%#
62) 4-Bromofluorobenzene	12.477	95	67422	19.622	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	39.240%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	28899	20.269	ug/l	98
3) Chloromethane	2.113	50	39029	20.280	ug/l	97
4) Vinyl Chloride	2.247	62	45234	19.918	ug/l	100
5) Bromomethane	2.637	94	30802	19.278	ug/l	98
6) Chloroethane	2.790	64	31996	20.331	ug/l	99
7) Trichlorofluoromethane	3.125	101	75257	20.329	ug/l	96
8) Diethyl Ether	3.527	74	25865	19.395	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	47302	20.233	ug/l	93
10) Methyl Iodide	4.088	142	51804	20.226	ug/l	92
11) Tert butyl alcohol	4.948	59	31087	104.716	ug/l	99
12) 1,1-Dichloroethene	3.869	96	42821	20.352	ug/l	85
13) Acrolein	3.729	56	22517	118.052	ug/l	98
14) Allyl chloride	4.479	41	65758	20.128	ug/l #	86
15) Acrylonitrile	5.161	53	73886	100.404	ug/l	98
16) Acetone	3.942	43	64077	96.701	ug/l #	86
17) Carbon Disulfide	4.192	76	113761	20.830	ug/l	97
18) Methyl Acetate	4.479	43	41168	19.662	ug/l #	87
19) Methyl tert-butyl Ether	5.216	73	122341	19.699	ug/l	98
20) Methylene Chloride	4.716	84	69461	20.211	ug/l #	83
21) trans-1,2-Dichloroethene	5.216	96	48864	20.256	ug/l	89
22) Diisopropyl ether	6.118	45	154383	20.554	ug/l #	92
23) Vinyl Acetate	6.058	43	429204	100.514	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	93755	20.204	ug/l	98
25) 2-Butanone	6.984	43	93473	98.408	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	82213	19.824	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	57819	19.783	ug/l	89
28) Bromochloromethane	7.332	49	40963	19.332	ug/l	87
29) Tetrahydrofuran	7.344	42	57364	101.362	ug/l #	87
30) Chloroform	7.502	83	96887	19.887	ug/l	99
31) Cyclohexane	7.783	56	77663	20.372	ug/l	88
32) 1,1,1-Trichloroethane	7.704	97	83199	20.072	ug/l	95
36) 1,1-Dichloropropene	7.917	75	69304	20.056	ug/l	98
37) Ethyl Acetate	7.076	43	38617	19.752	ug/l #	93
38) Carbon Tetrachloride	7.899	117	74752	19.860	ug/l	100
39) Methylcyclohexane	9.179	83	78590	20.383	ug/l	92
40) Benzene	8.161	78	208463	20.150	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	53299	47.889	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	59502	20.215	ug/l	91
43) Isopropyl Acetate	8.271	43	69352	19.894	ug/l #	88
44) Trichloroethene	8.935	130	55390	19.921	ug/l	95
45) 1,2-Dichloropropane	9.215	63	54293	19.937	ug/l	96
46) Dibromomethane	9.301	93	30399	19.969	ug/l	96
47) Bromodichloromethane	9.496	83	74192	19.722	ug/l	99
48) Methyl methacrylate	9.295	41	31351	20.176	ug/l #	79
49) 1,4-Dioxane	9.295	88	8145	387.654	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	197659	100.559	ug/l	89
52) Toluene	10.240	92	131090	20.243	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	73848	19.579	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	85136	19.913	ug/l #	81
55) 1,1,2-Trichloroethane	10.642	97	45231	19.962	ug/l	98
56) Ethyl methacrylate	10.508	69	55592	19.495	ug/l #	74
57) 1,3-Dichloropropane	10.788	76	75816	20.046	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	90118	74.805	ug/l	97
59) 2-Hexanone	10.831	43	137222	101.155	ug/l	86
60) Dibromochloromethane	10.983	129	53297	19.893	ug/l	100
61) 1,2-Dibromoethane	11.087	107	41335	20.098	ug/l	100
64) Tetrachloroethene	10.715	164	54814	20.358	ug/l	94
65) Chlorobenzene	11.514	112	144477	20.107	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	55148	19.781	ug/l	97
67) Ethyl Benzene	11.593	91	251028	19.999	ug/l	100
68) m/p-Xylenes	11.703	106	195063	40.774	ug/l	95
69) o-Xylene	12.026	106	91170	19.981	ug/l	95
70) Styrene	12.044	104	158615	20.341	ug/l	96
71) Bromoform	12.209	173	34022	19.915	ug/l #	99
73) Isopropylbenzene	12.331	105	246053	19.873	ug/l	100
74) N-amyl acetate	12.142	43	59077	19.438	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.581	83	53023	19.629	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	69385	34.444	ug/l #	100
77) Bromobenzene	12.605	156	57465	19.734	ug/l	99
78) n-propylbenzene	12.672	91	304446	20.220	ug/l	99
79) 2-Chlorotoluene	12.751	91	172406	20.020	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	212478	20.368	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	18054	19.447	ug/l #	84
82) 4-Chlorotoluene	12.855	91	178491	19.980	ug/l	99
83) tert-Butylbenzene	13.075	119	181055	19.883	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	209620	20.414	ug/l	99
85) sec-Butylbenzene	13.251	105	275237	20.214	ug/l	100
86) p-Isopropyltoluene	13.367	119	223965	20.023	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	118129	19.982	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	117303	19.834	ug/l	98
89) n-Butylbenzene	13.696	91	212611	20.349	ug/l	99
90) Hexachloroethane	13.959	117	46298	19.813	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	106386	20.005	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.349	75	8620	19.823	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	59042	19.400	ug/l	98
94) Hexachlorobutadiene	15.111	225	36833	20.041	ug/l	100
95) Naphthalene	15.233	128	115893	19.026	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	51763	19.538	ug/l	99

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ClientSampleId :
VSTDICC020

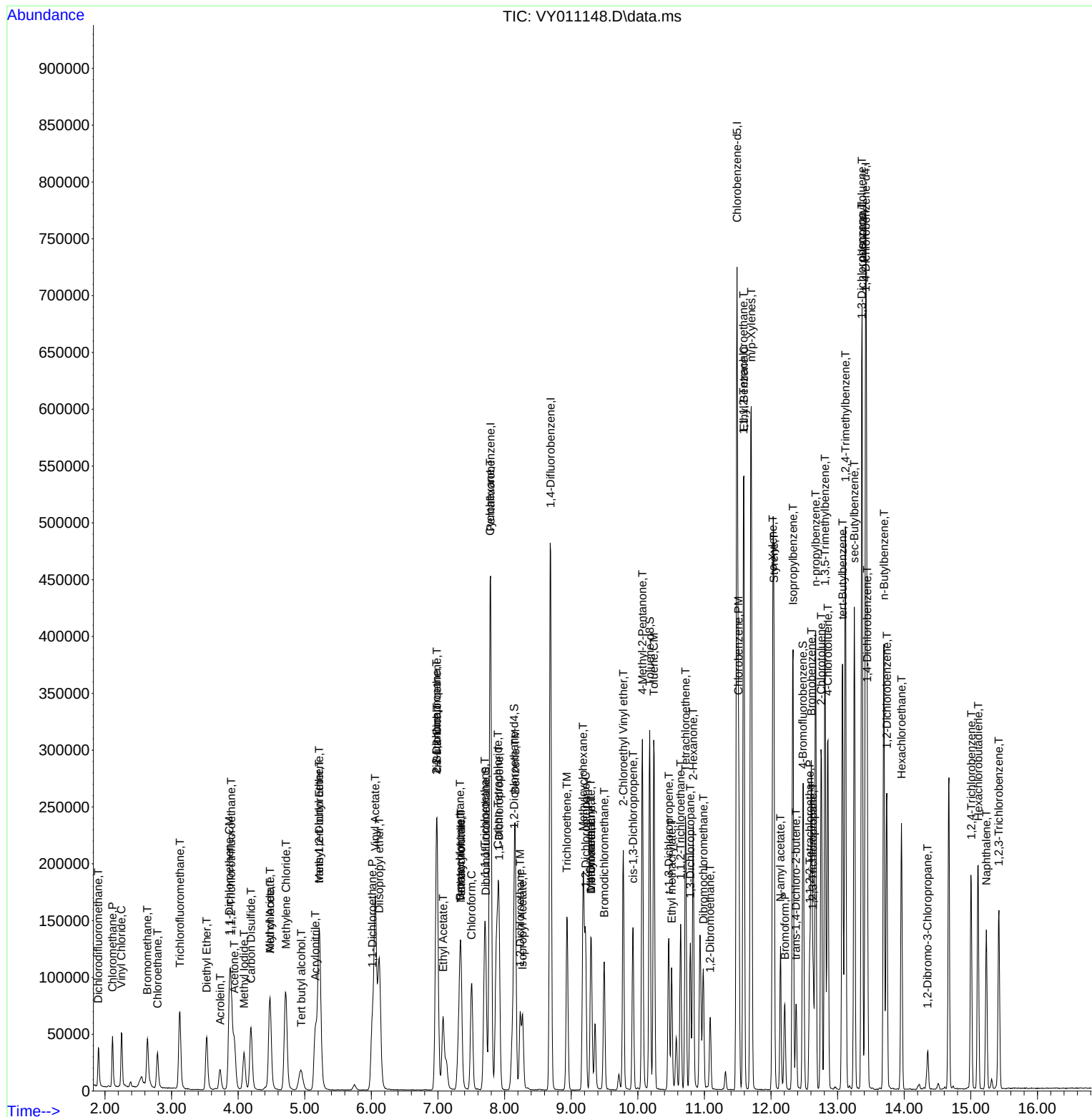
Quant Time: Oct 28 22:46:04 2022
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QLast Update : Fri Oct 28 22:42:31 2022
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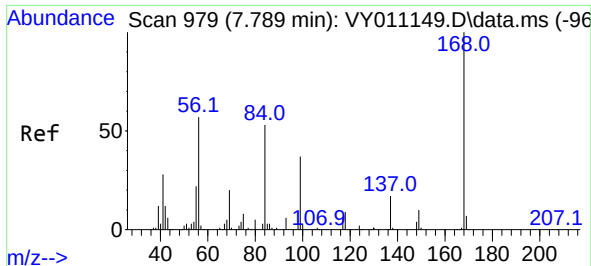
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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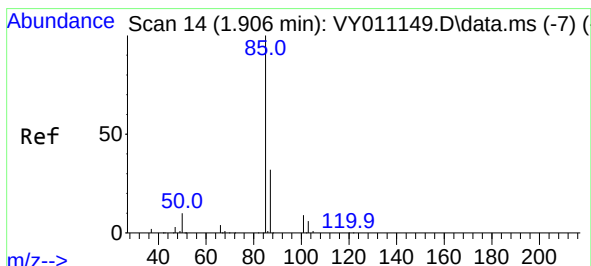
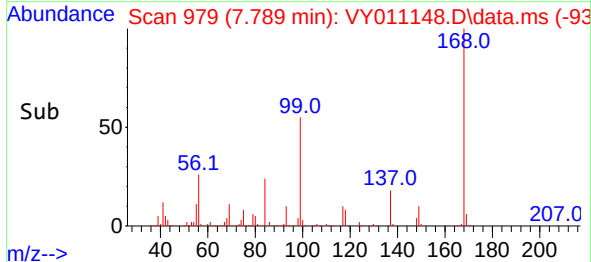
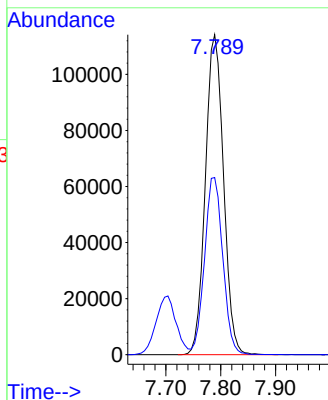
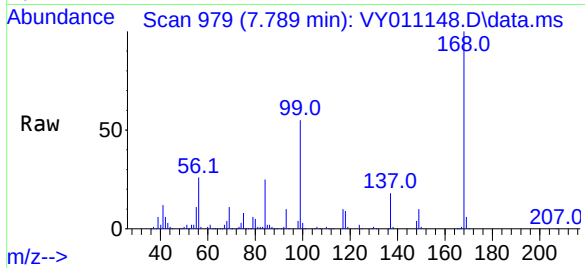




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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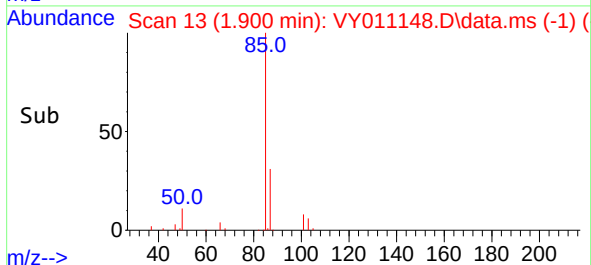
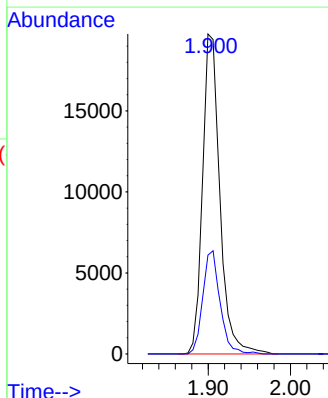
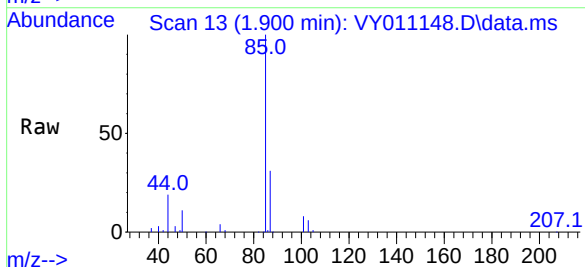
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

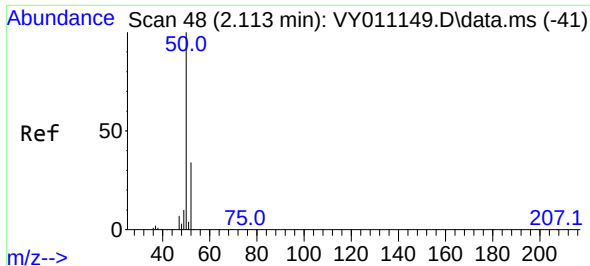
Tgt Ion:168 Resp: 261914
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 20.269 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion: 85 Resp: 28899
Ion Ratio Lower Upper
85 100
87 30.9 16.1 48.2

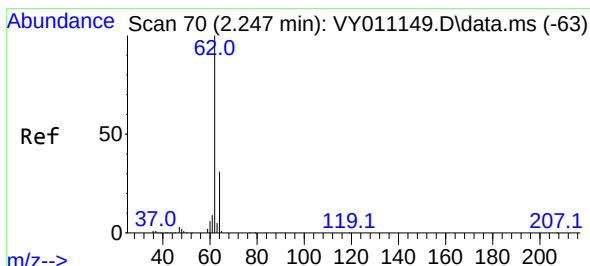
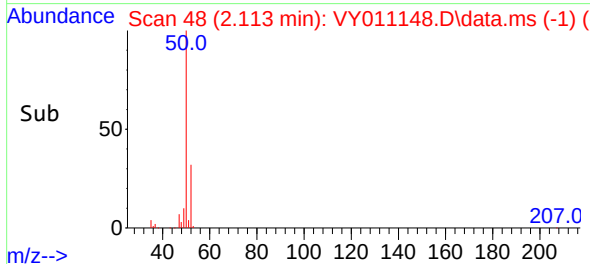
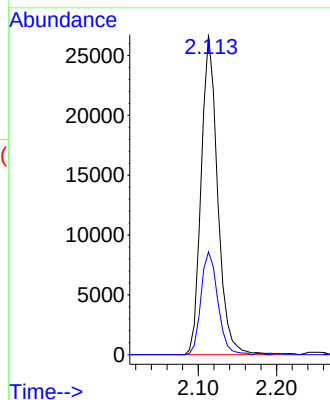
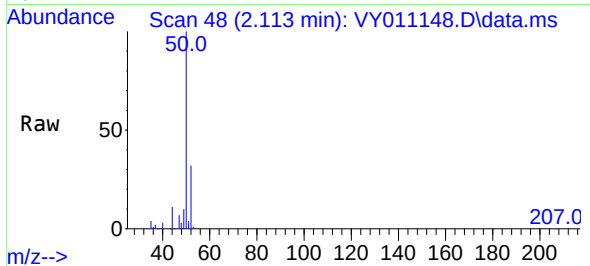




#3
Chloromethane
Concen: 20.280 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

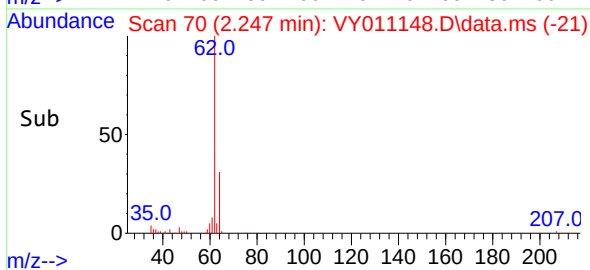
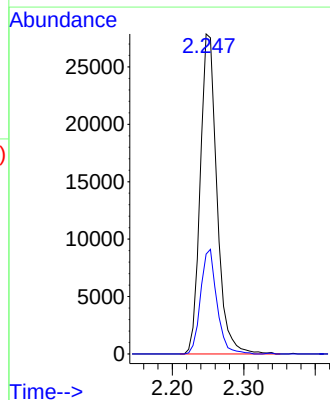
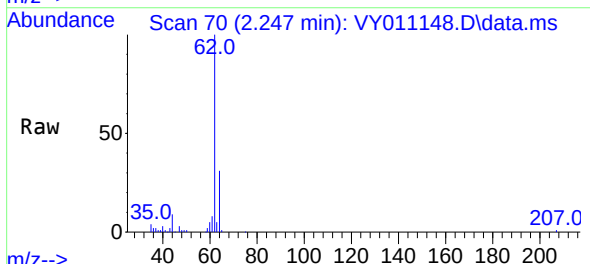
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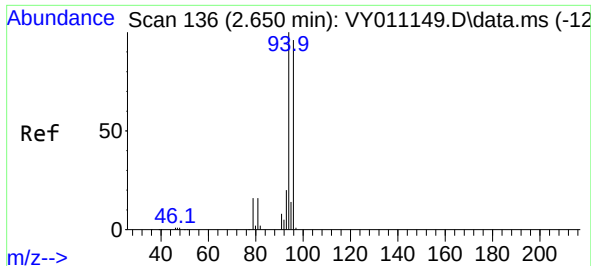
Tgt Ion: 50 Resp: 39029
Ion Ratio Lower Upper
50 100
52 32.2 24.6 37.0



#4
Vinyl Chloride
Concen: 19.918 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion: 62 Resp: 45234
Ion Ratio Lower Upper
62 100
64 31.2 25.0 37.6

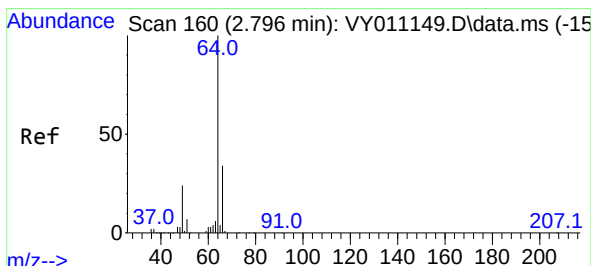
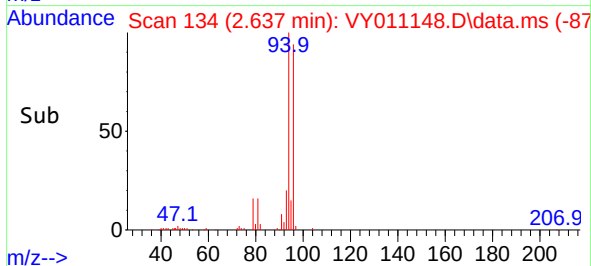
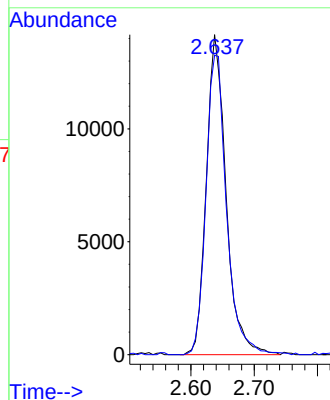
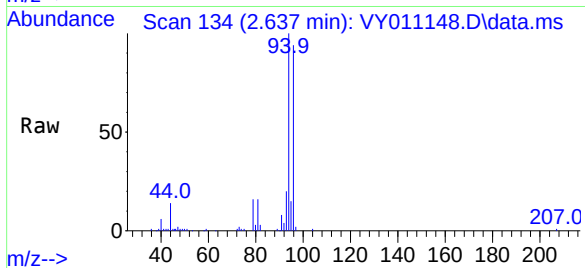




#5
Bromomethane
Concen: 19.278 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

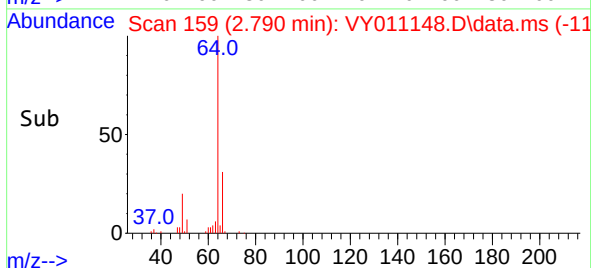
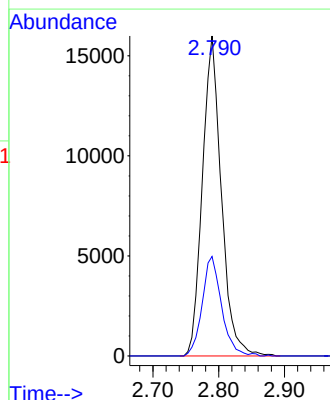
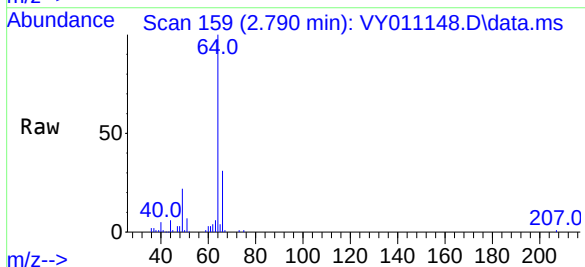
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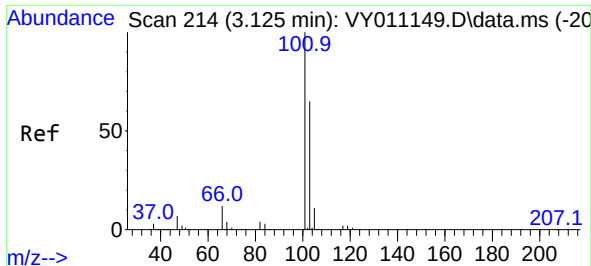
Tgt Ion: 94 Resp: 30802
Ion Ratio Lower Upper
94 100
96 93.5 73.5 110.3



#6
Chloroethane
Concen: 20.331 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion: 64 Resp: 31996
Ion Ratio Lower Upper
64 100
66 31.1 25.4 38.0

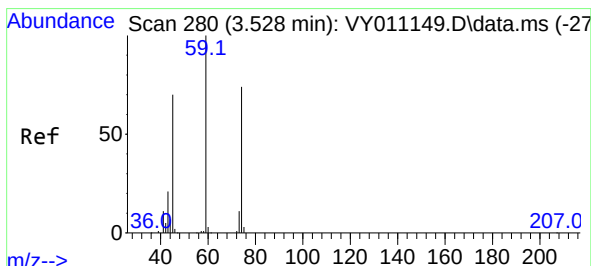
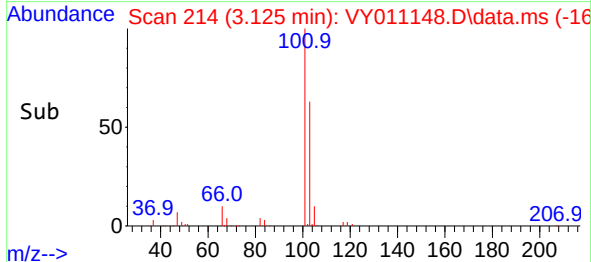
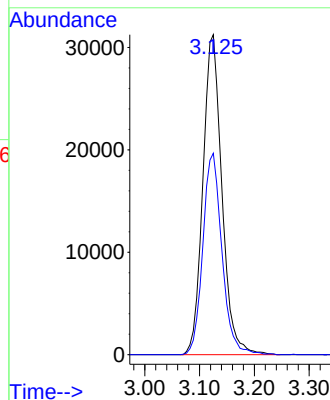
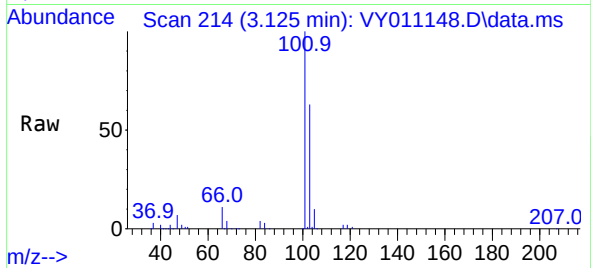




#7
Trichlorofluoromethane
Concen: 20.329 ug/l
RT: 3.125 min Scan# 214
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

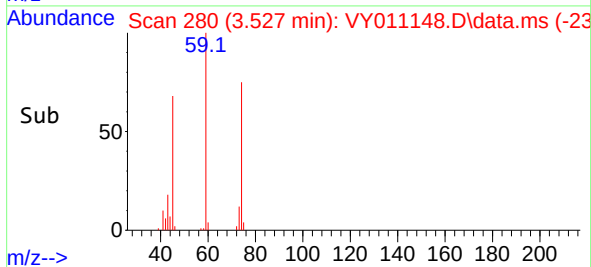
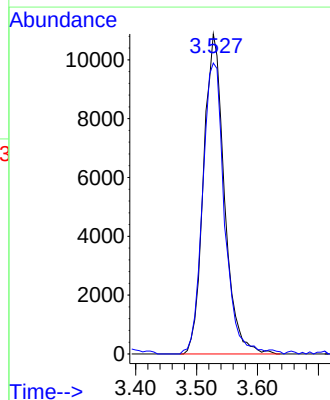
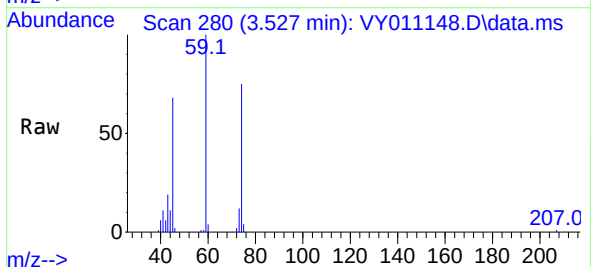
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 75257
Ion Ratio Lower Upper
101 100
103 62.9 48.0 72.0

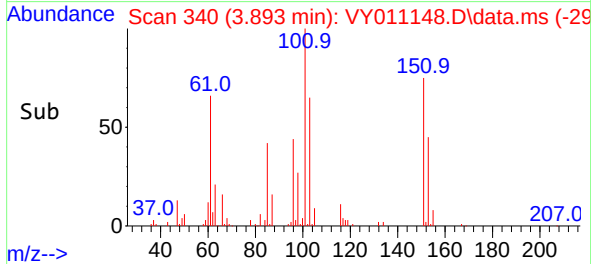
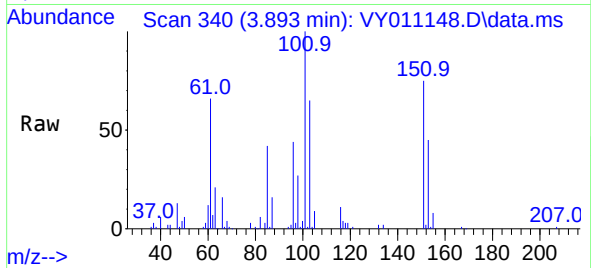
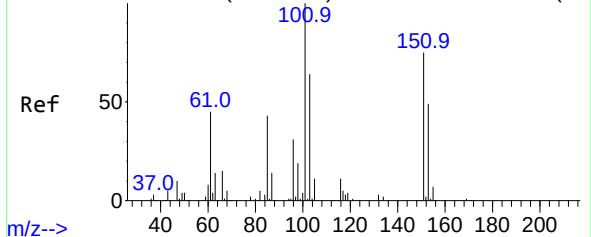


#8
Diethyl Ether
Concen: 19.395 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion: 74 Resp: 25865
Ion Ratio Lower Upper
74 100
45 95.3 55.1 165.5



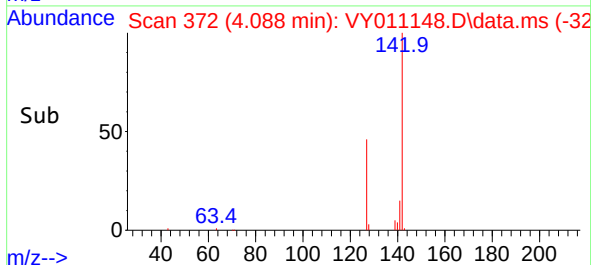
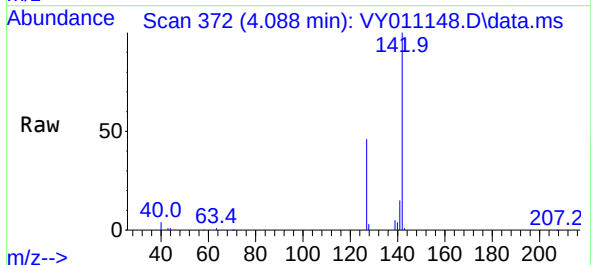
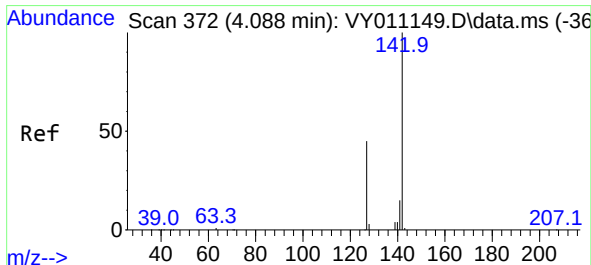
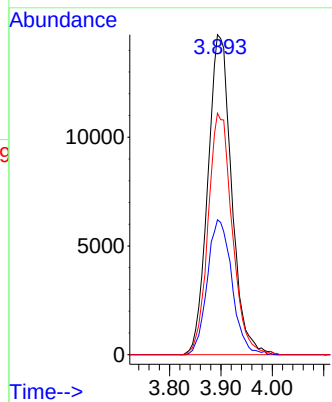
Abundance Scan 341 (3.900 min): VY011149.D\data.ms (-32



#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.233 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

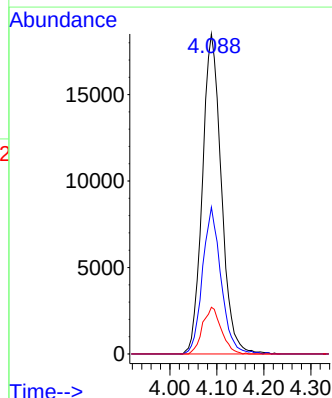
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

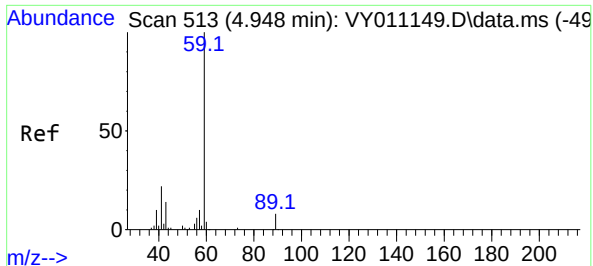
Tgt Ion:	101	Resp:	47302
Ion	Ratio	Lower	Upper
101	100		
85	43.6	40.6	60.8
151	76.2	64.9	97.3



#10
Methyl Iodide
Concen: 20.226 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion:	142	Resp:	51804
Ion	Ratio	Lower	Upper
142	100		
127	44.8	41.5	62.3
141	14.5	11.9	17.9

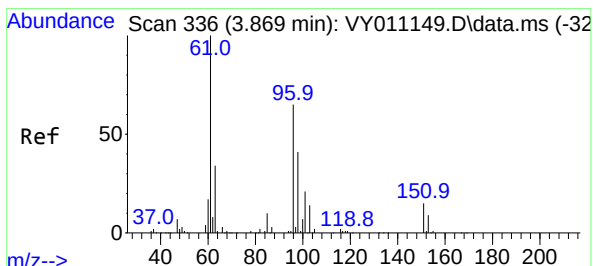
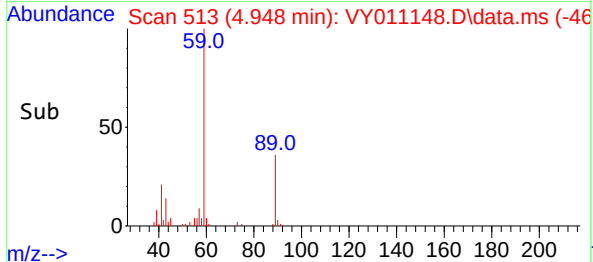
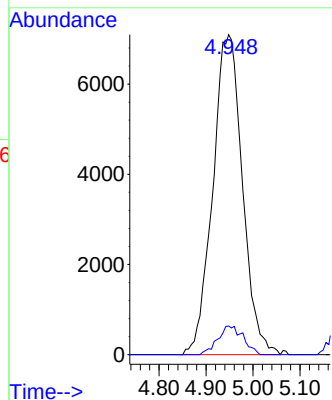
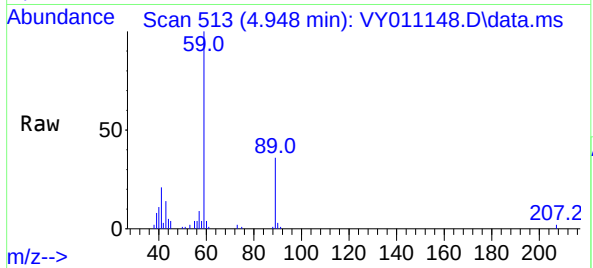




#11
Tert butyl alcohol
Concen: 104.716 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

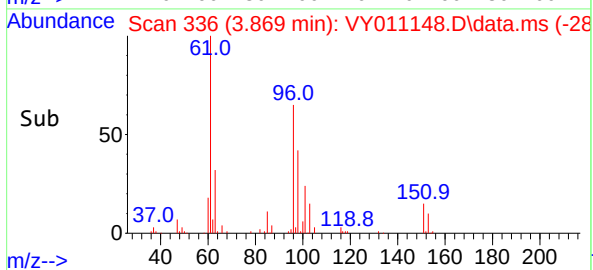
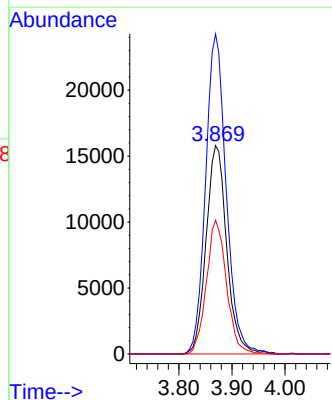
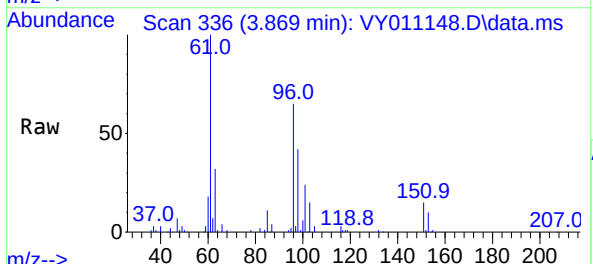
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

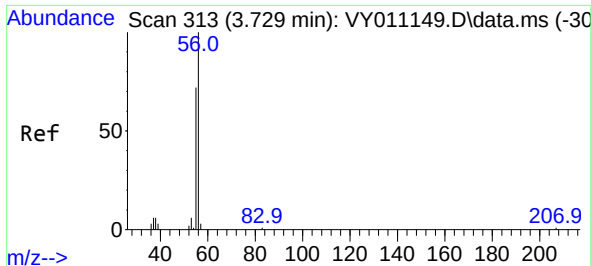
Tgt Ion: 59 Resp: 31087
Ion Ratio Lower Upper
59 100
57 7.7 6.4 9.6



#12
1,1-Dichloroethene
Concen: 20.352 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion: 96 Resp: 42821
Ion Ratio Lower Upper
96 100
61 153.6 145.8 218.6
98 64.2 52.5 78.7

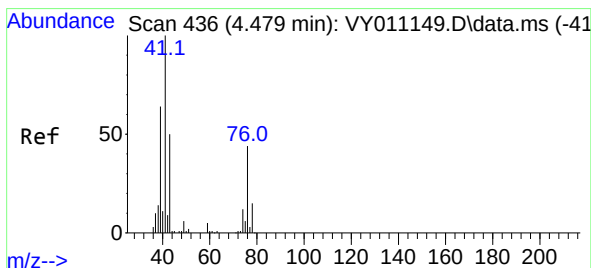
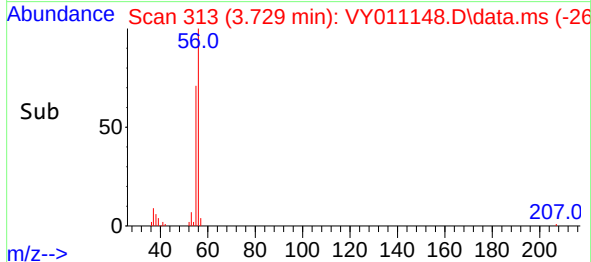
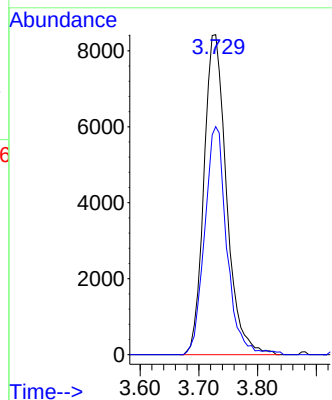
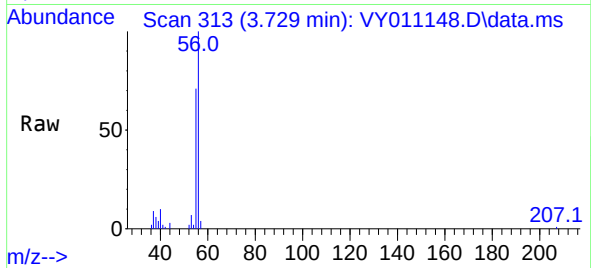




#13
Acrolein
Concen: 118.052 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

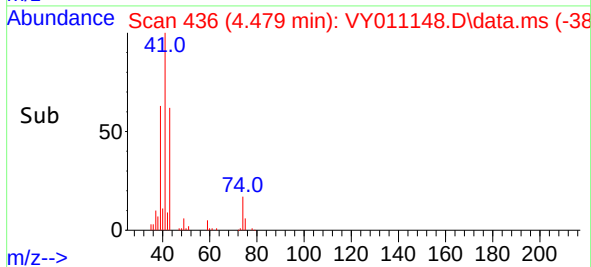
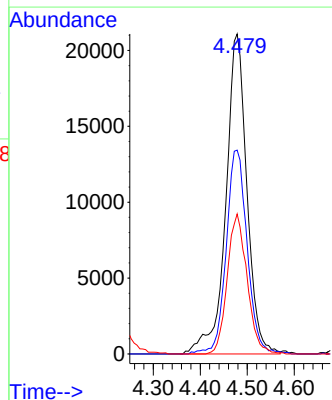
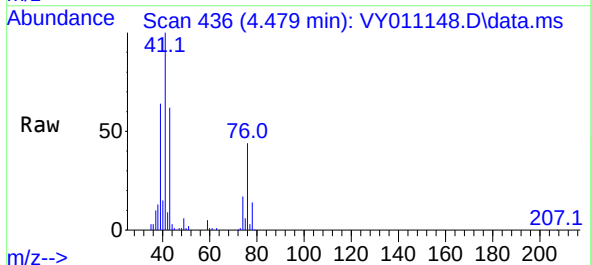
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

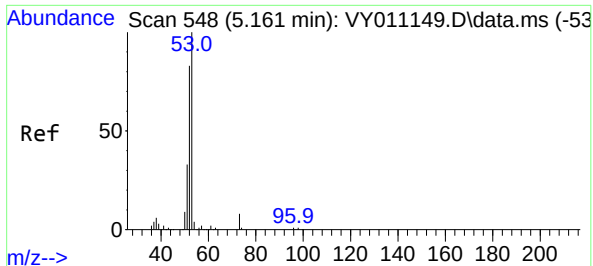
Tgt Ion: 56 Resp: 22517
Ion Ratio Lower Upper
56 100
55 69.9 57.6 86.4



#14
Allyl chloride
Concen: 20.128 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion: 41 Resp: 65758
Ion Ratio Lower Upper
41 100
39 63.5 58.8 88.2
76 41.2 25.1 37.7#

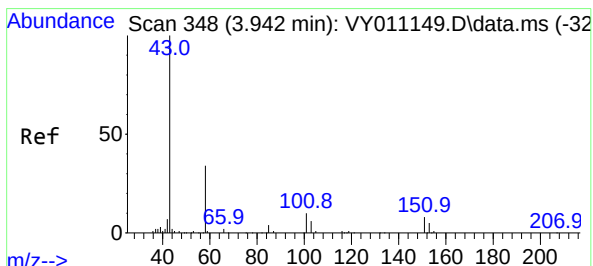
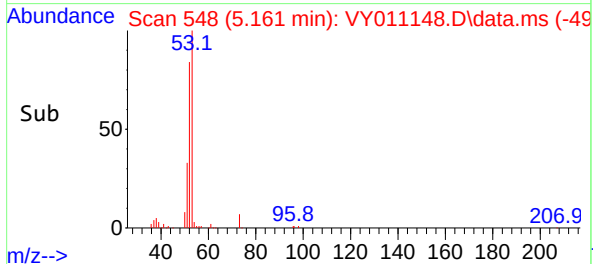
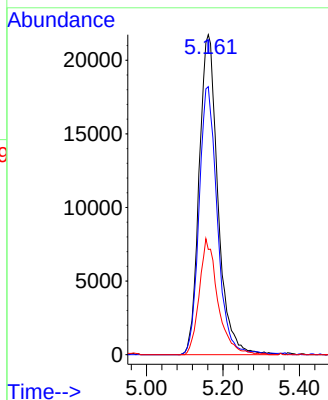
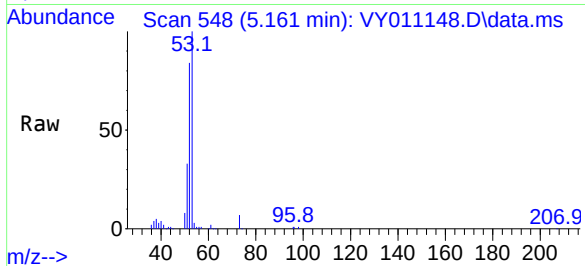




#15
Acrylonitrile
Concen: 100.404 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

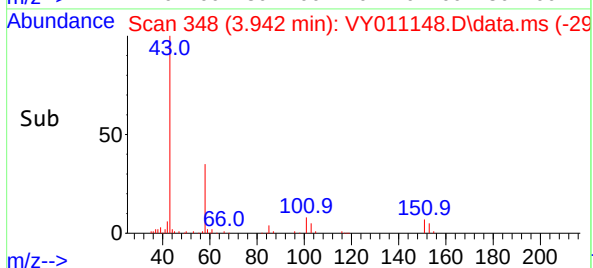
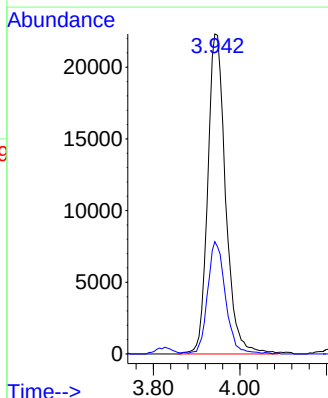
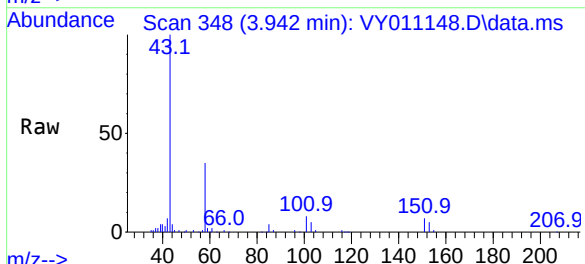
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

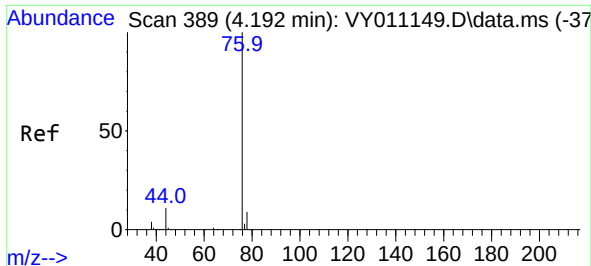
Tgt Ion: 53 Resp: 73886
Ion Ratio Lower Upper
53 100
52 81.6 67.0 100.4
51 36.0 29.8 44.6



#16
Acetone
Concen: 96.701 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion: 43 Resp: 64077
Ion Ratio Lower Upper
43 100
58 34.8 22.0 33.0#

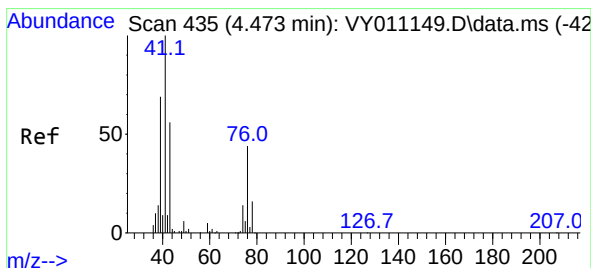
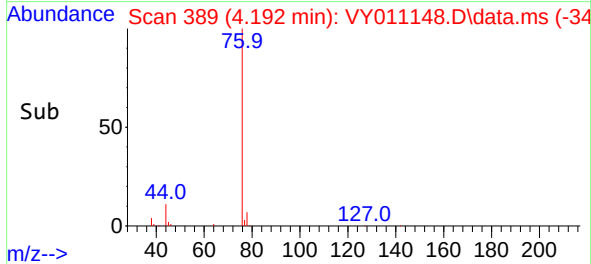
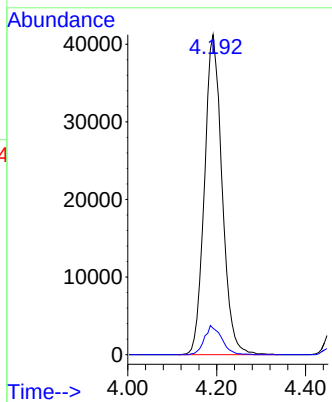
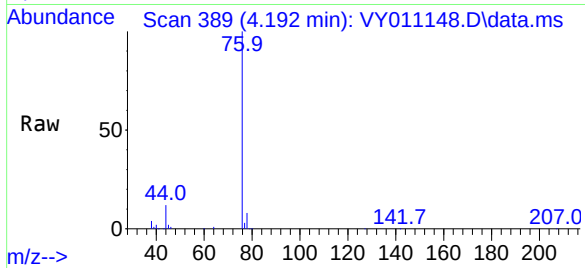




#17
Carbon Disulfide
Concen: 20.830 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

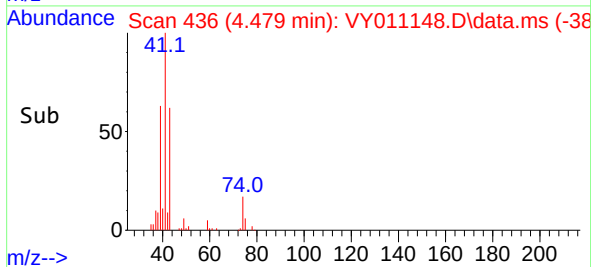
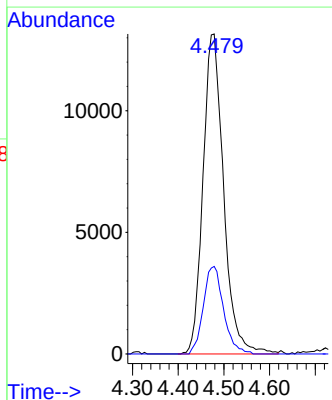
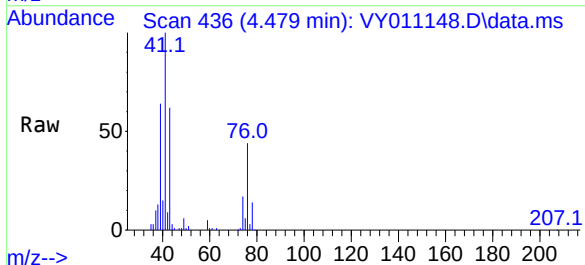
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

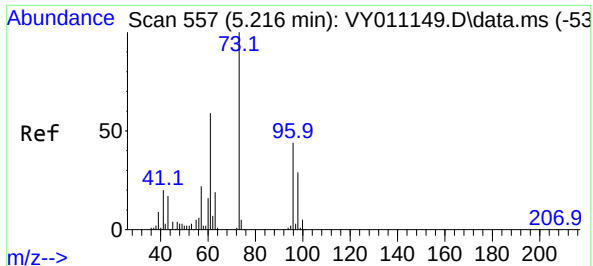
Tgt Ion: 76 Resp: 113761
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0



#18
Methyl Acetate
Concen: 19.662 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion: 43 Resp: 41168
Ion Ratio Lower Upper
43 100
74 26.8 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 19.699 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY011148.D

Acq: 28 Oct 2022 10:53

Instrument :

MSVOA_Y

ClientSampleId :

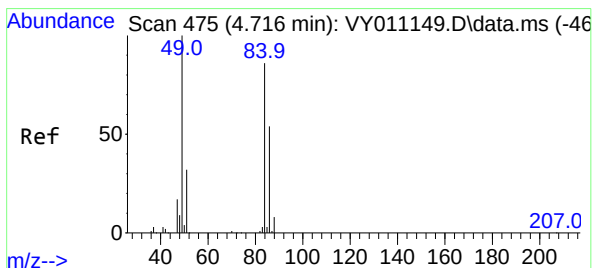
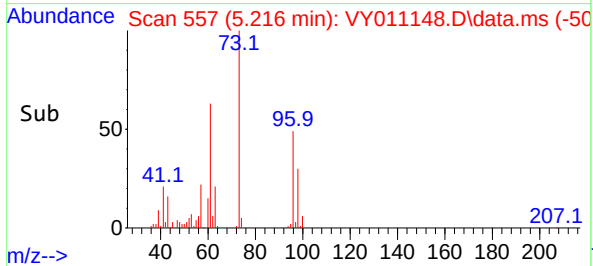
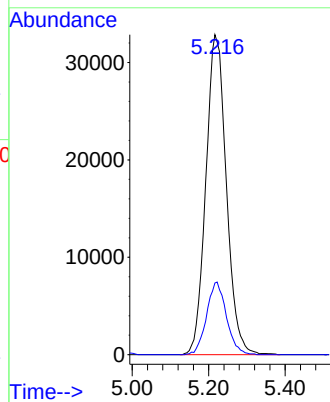
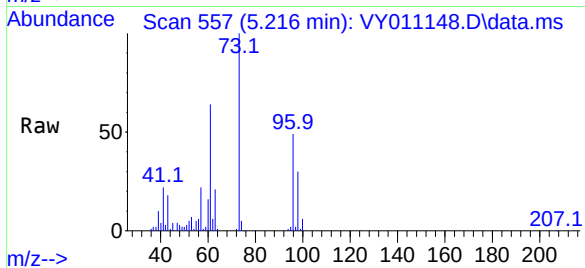
VSTDIC020

Tgt Ion: 73 Resp: 122341

Ion Ratio Lower Upper

73 100

57 22.4 18.6 27.8



#20

Methylene Chloride

Concen: 20.211 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY011148.D

Acq: 28 Oct 2022 10:53

Tgt Ion: 84 Resp: 69461

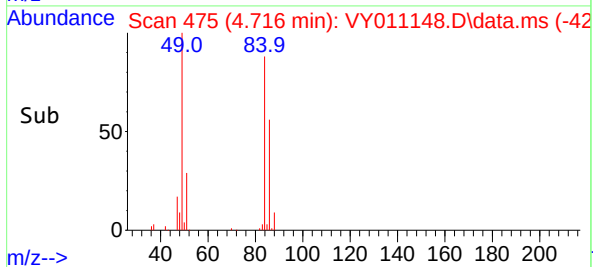
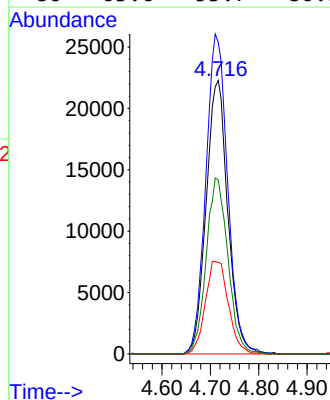
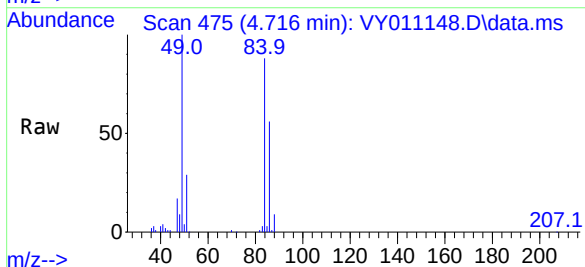
Ion Ratio Lower Upper

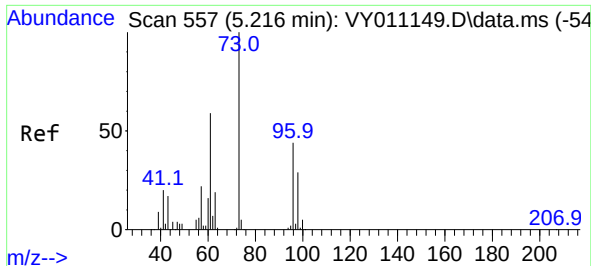
84 100

49 113.9 114.4 171.6#

51 33.4 35.3 52.9#

86 63.6 53.7 80.5

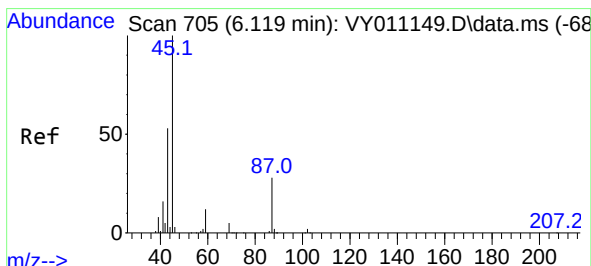
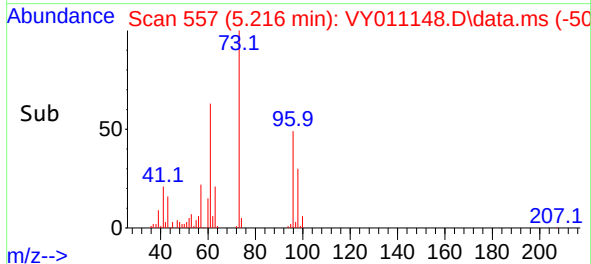
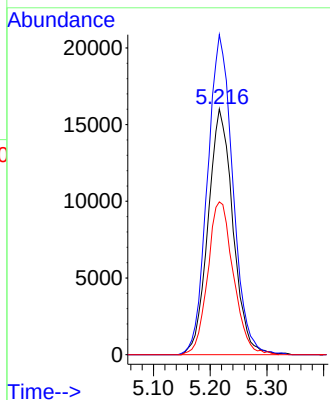
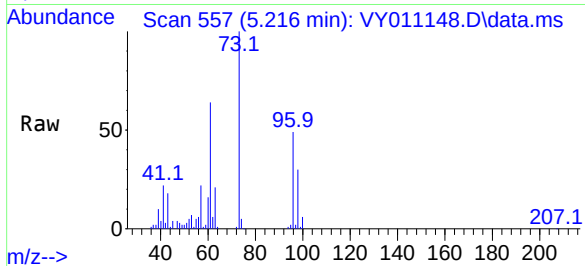




#21
trans-1,2-Dichloroethene
Concen: 20.256 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

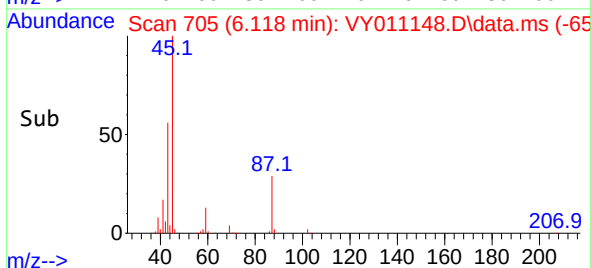
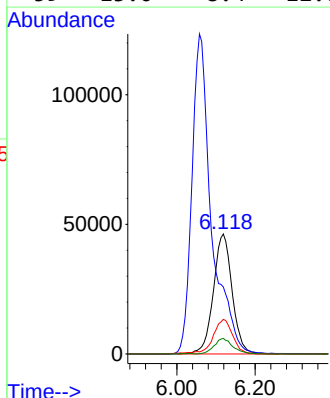
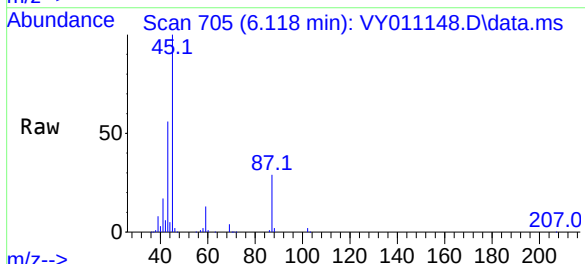
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

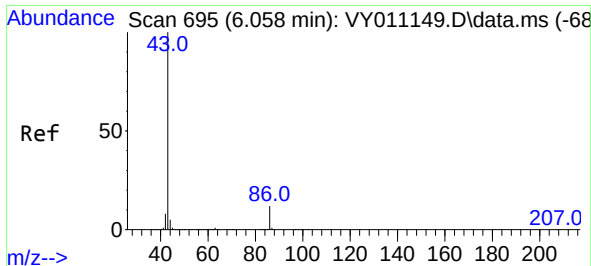
Tgt Ion: 96 Resp: 48864
Ion Ratio Lower Upper
96 100
61 130.2 120.5 180.7
98 62.2 49.8 74.8



#22
Diisopropyl ether
Concen: 20.554 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion: 45 Resp: 154383
Ion Ratio Lower Upper
45 100
43 55.4 49.3 73.9
87 28.7 19.2 28.8
59 13.0 8.4 12.6#

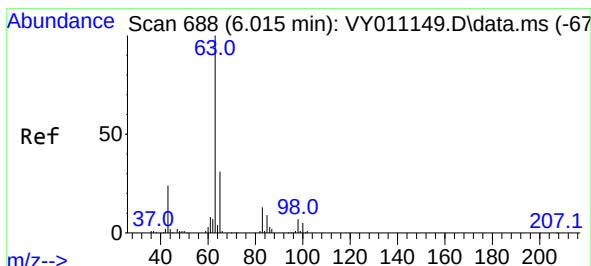
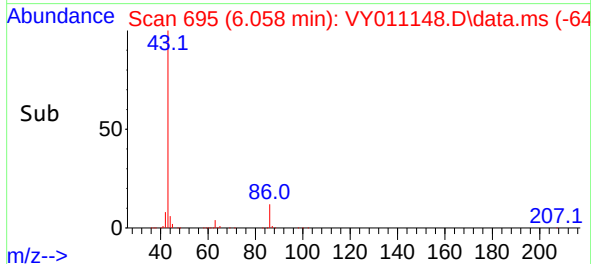
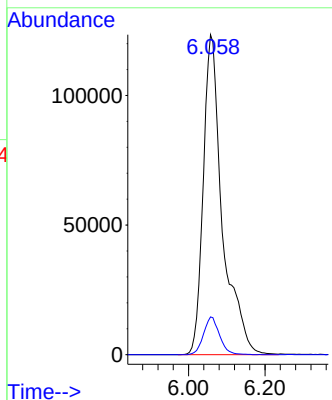
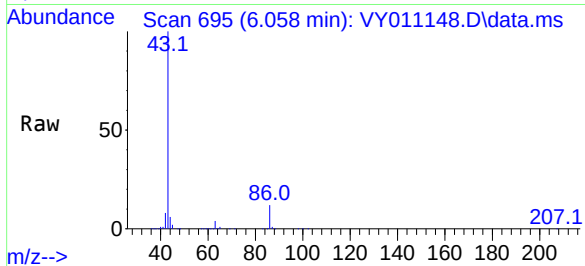




#23
Vinyl Acetate
Concen: 100.514 ug/l
RT: 6.058 min Scan# 695
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

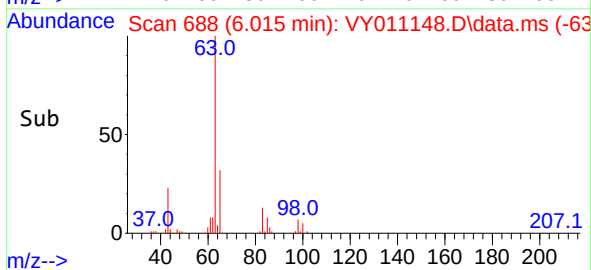
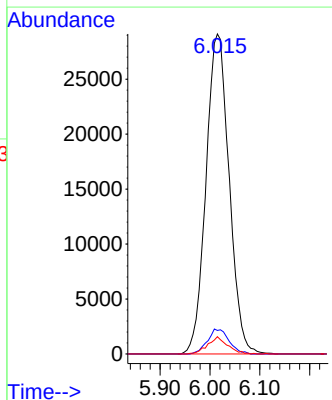
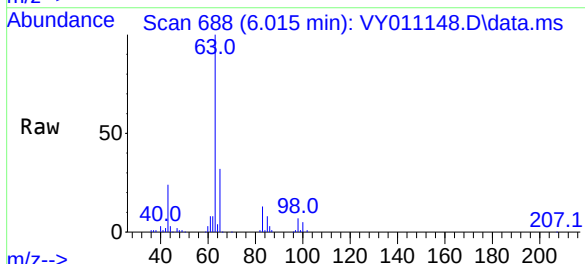
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

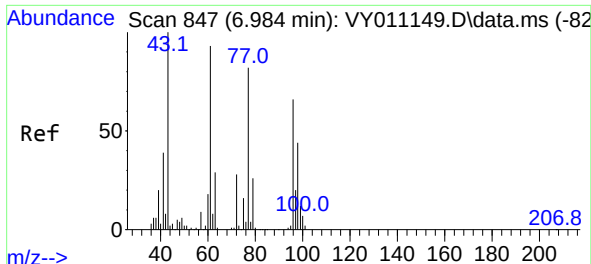
Tgt Ion: 43 Resp: 429204
Ion Ratio Lower Upper
43 100
86 11.8 7.1 10.7#



#24
1,1-Dichloroethane
Concen: 20.204 ug/l
RT: 6.015 min Scan# 688
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion: 63 Resp: 93755
Ion Ratio Lower Upper
63 100
98 7.4 3.6 10.8
100 5.4 2.0 5.8

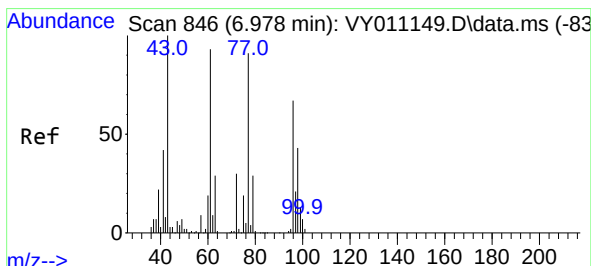
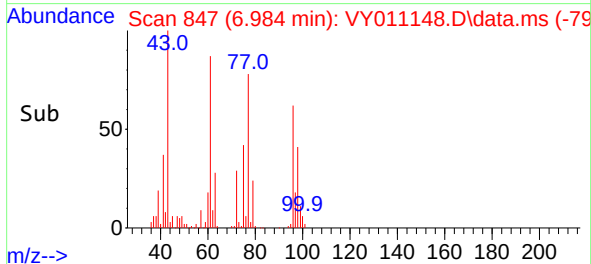
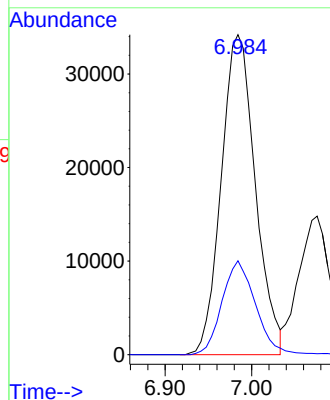
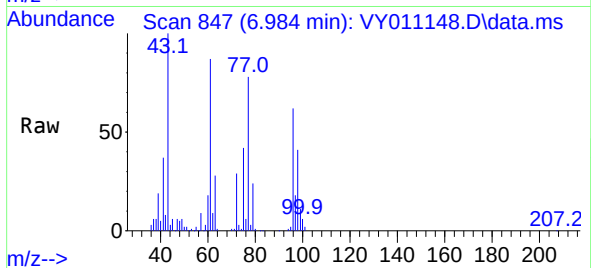




#25
2-Butanone
Concen: 98.408 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

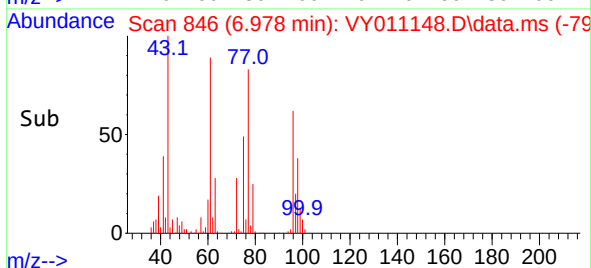
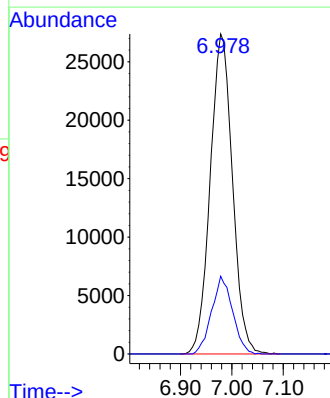
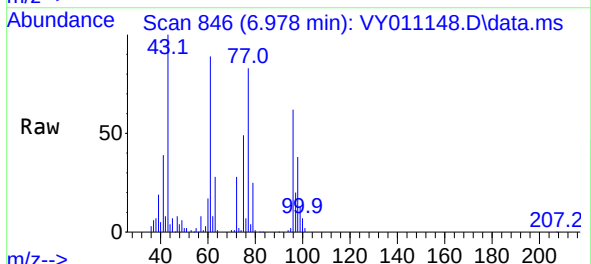
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

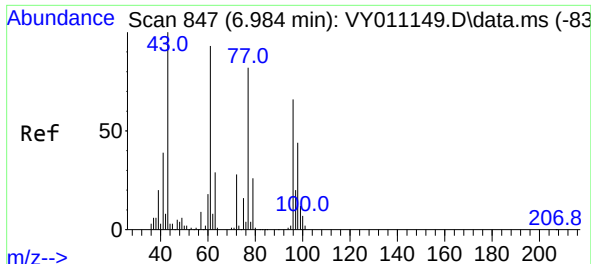
Tgt Ion: 43 Resp: 93473
Ion Ratio Lower Upper
43 100
72 29.4 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 19.824 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion: 77 Resp: 82213
Ion Ratio Lower Upper
77 100
97 22.9 10.4 31.4



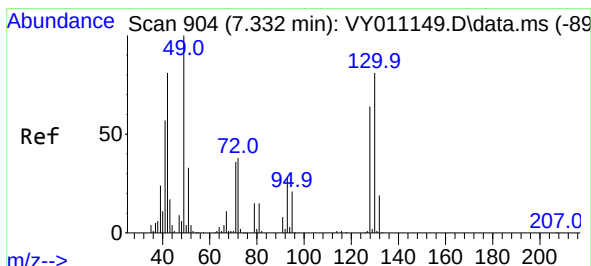
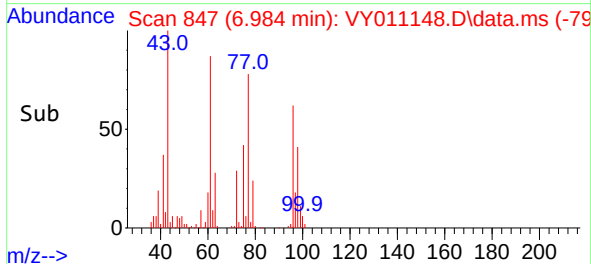
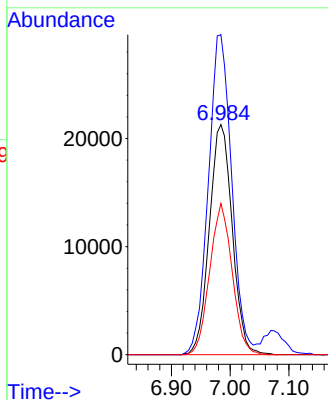
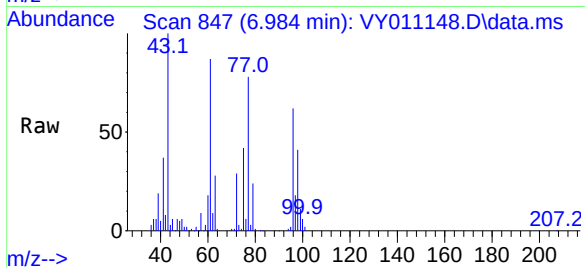


#27
 cis-1,2-Dichloroethene
 Concen: 19.783 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY011148.D
 Acq: 28 Oct 2022 10:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 57819

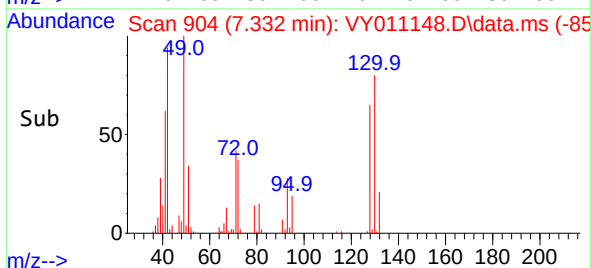
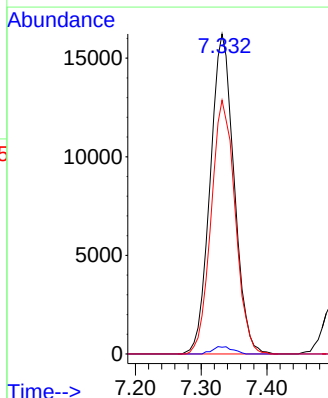
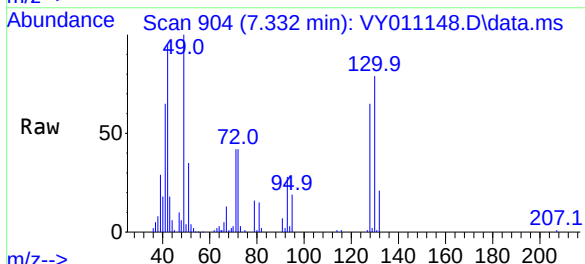
Ion	Ratio	Lower	Upper
96	100		
61	140.8	0.0	319.8
98	64.2	0.0	127.0

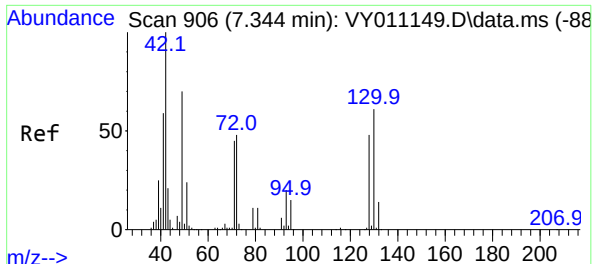


#28
 Bromochloromethane
 Concen: 19.332 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY011148.D
 Acq: 28 Oct 2022 10:53

Tgt Ion: 49 Resp: 40963

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	2.2
130	79.8	55.4	83.0

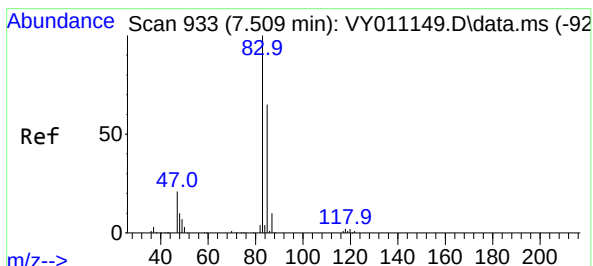
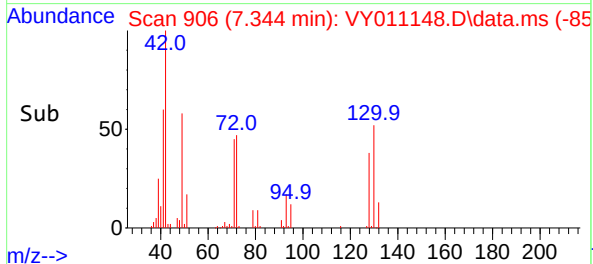
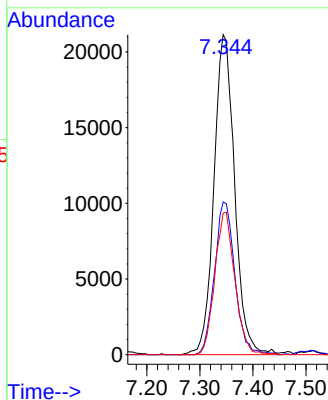
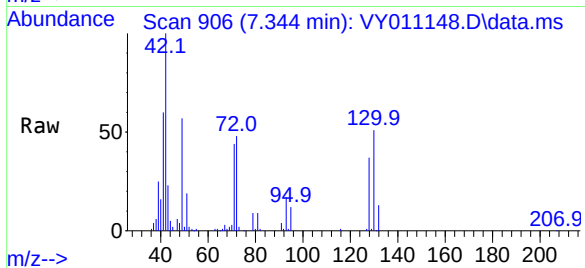




#29
Tetrahydrofuran
Concen: 101.362 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

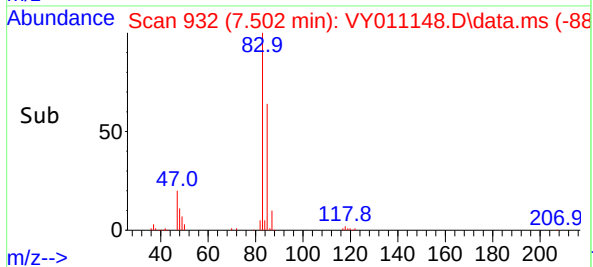
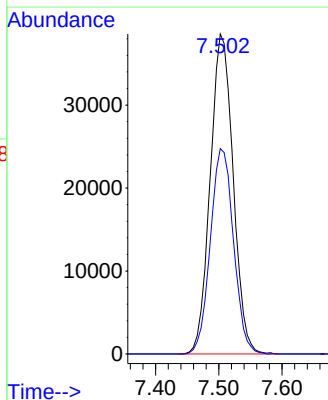
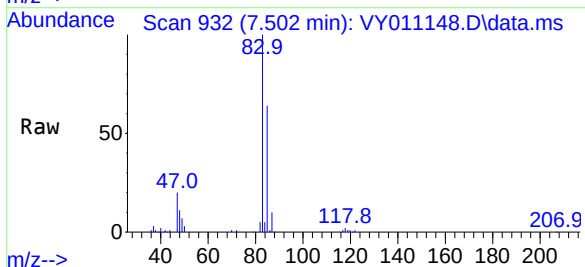
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

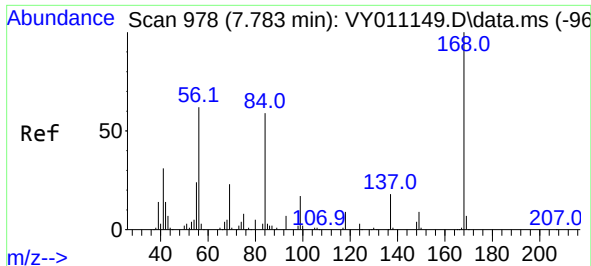
Tgt Ion: 42 Resp: 57364
Ion Ratio Lower Upper
42 100
72 46.9 30.3 45.5#
71 43.2 29.0 43.4



#30
Chloroform
Concen: 19.887 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.006 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion: 83 Resp: 96887
Ion Ratio Lower Upper
83 100
85 64.2 51.8 77.6

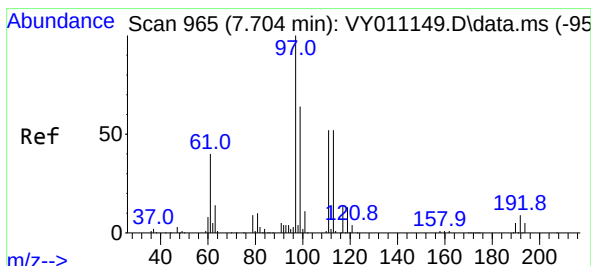
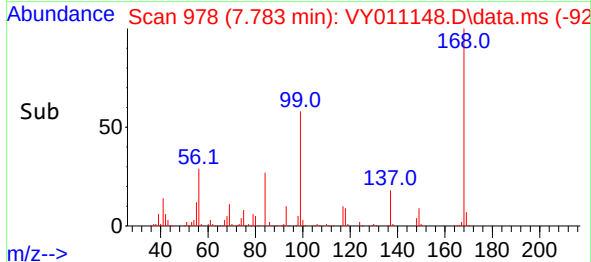
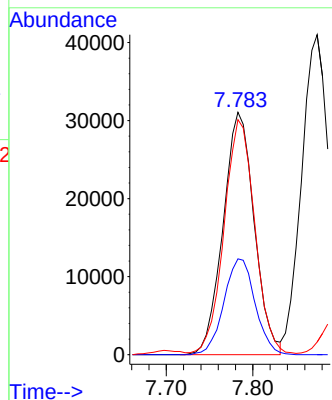
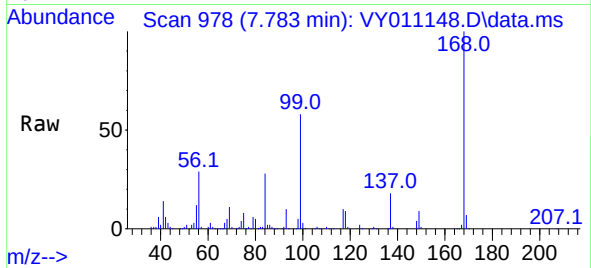




#31
Cyclohexane
Concen: 20.372 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

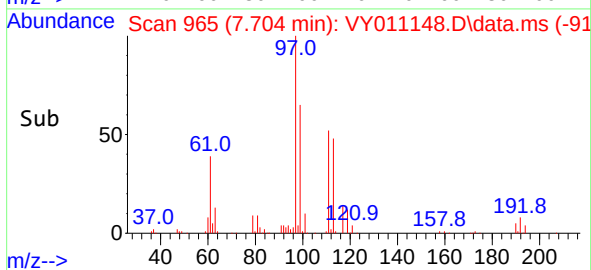
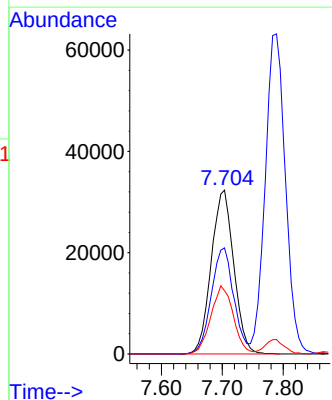
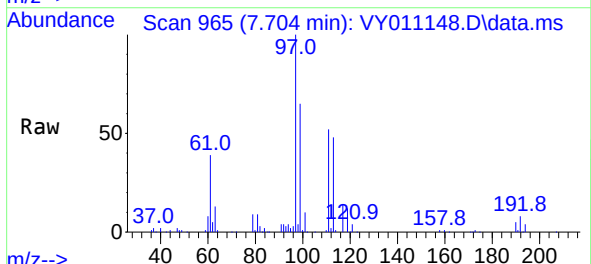
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

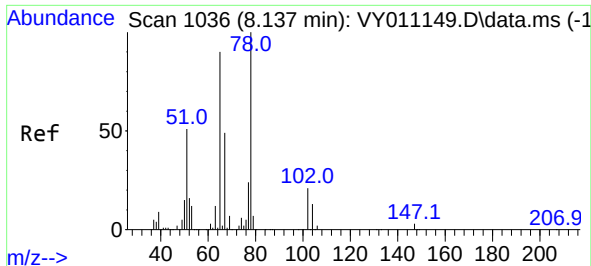
Tgt Ion: 56 Resp: 77663
Ion Ratio Lower Upper
56 100
69 39.6 26.7 40.1
84 95.6 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 20.072 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion: 97 Resp: 83199
Ion Ratio Lower Upper
97 100
99 65.1 50.7 76.1
61 41.5 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 19.689 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY011148.D

Acq: 28 Oct 2022 10:53

Instrument :

MSVOA_Y

ClientSampleId :

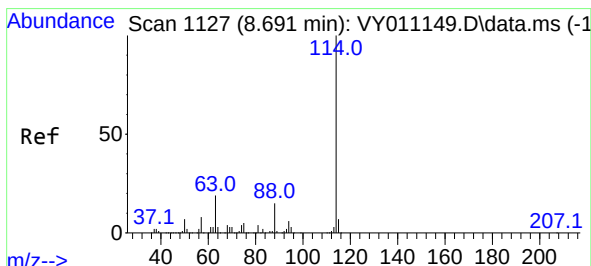
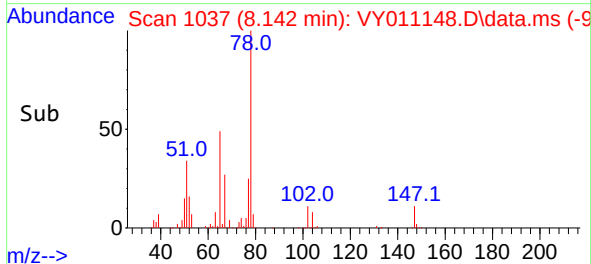
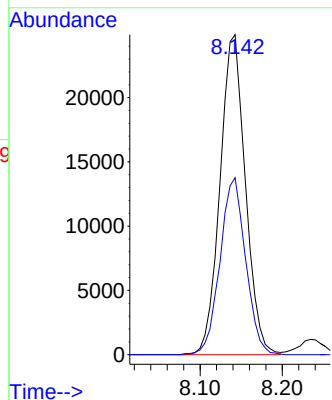
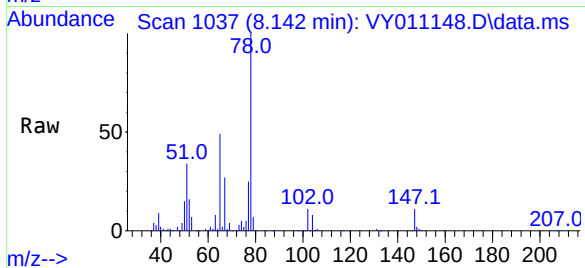
VSTDICC020

Tgt Ion: 65 Resp: 53323

Ion Ratio Lower Upper

65 100

67 55.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY011148.D

Acq: 28 Oct 2022 10:53

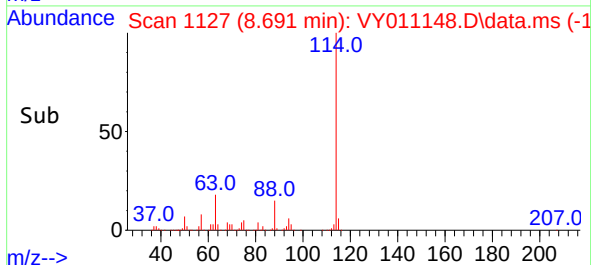
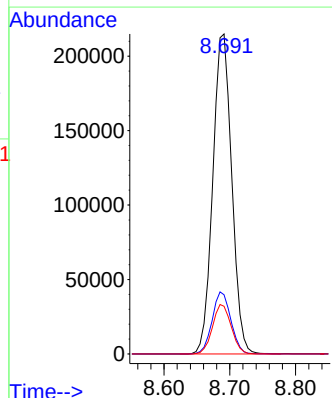
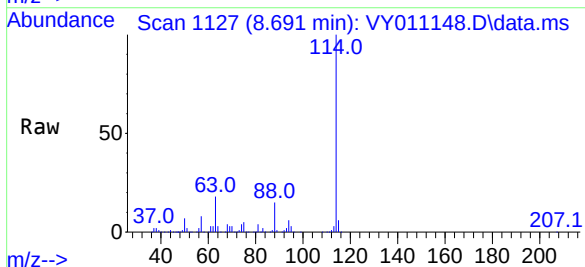
Tgt Ion: 114 Resp: 431021

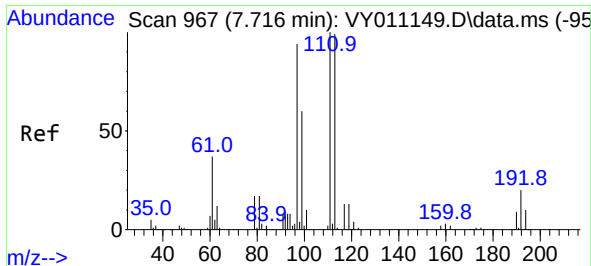
Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 14.9 0.0 31.8

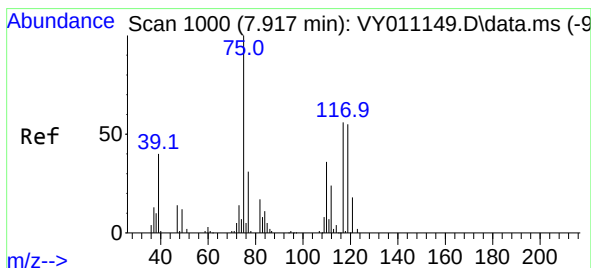
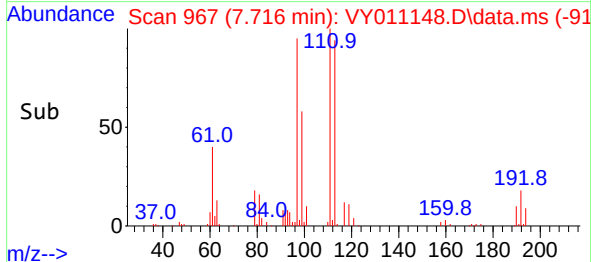
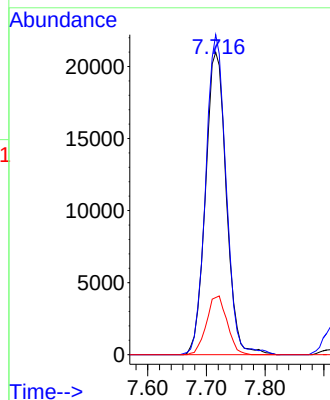
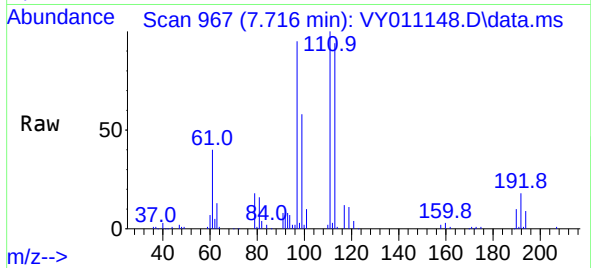




#35
Dibromofluoromethane
Concen: 19.489 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

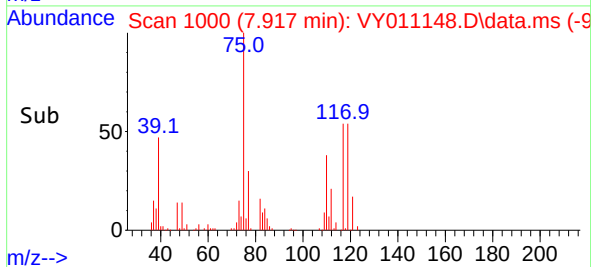
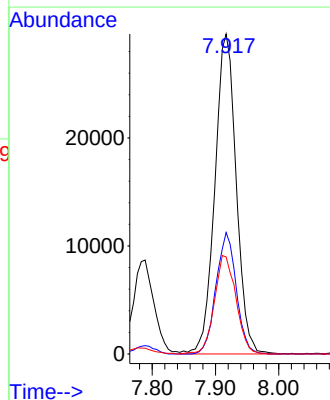
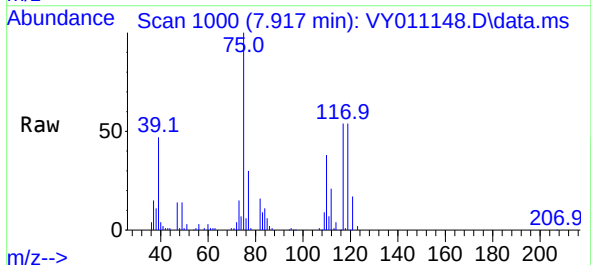
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

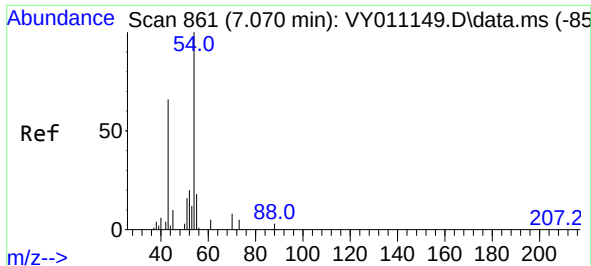
Tgt Ion:113 Resp: 51658
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 19.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 20.056 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion: 75 Resp: 69304
Ion Ratio Lower Upper
75 100
110 35.9 17.1 51.2
77 31.1 24.4 36.6

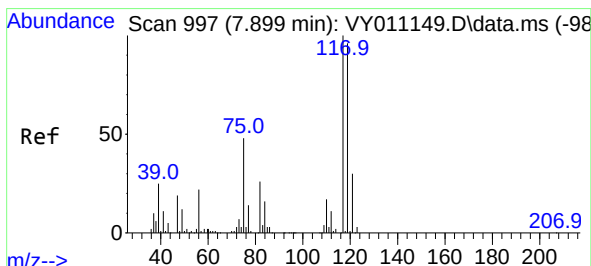
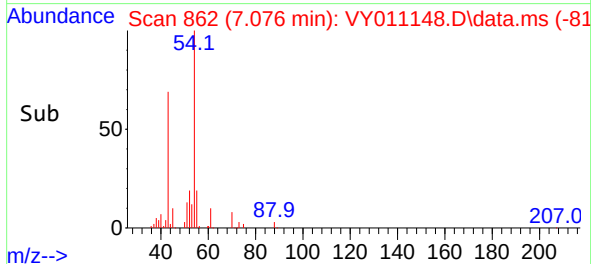
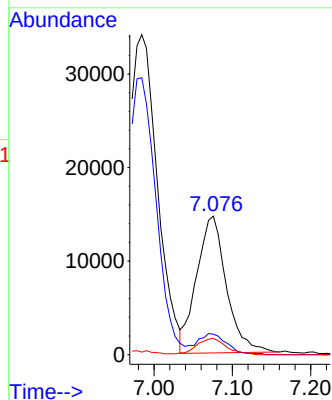
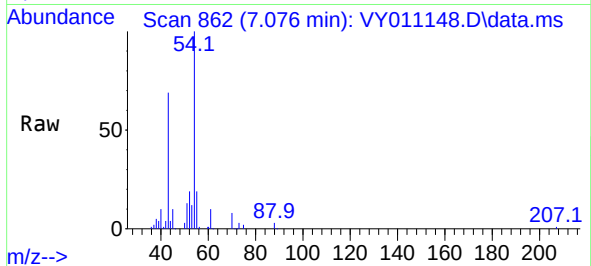




#37
Ethyl Acetate
Concen: 19.752 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

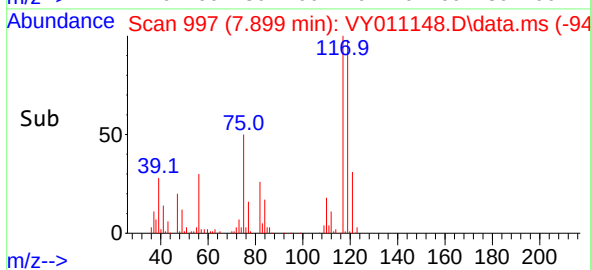
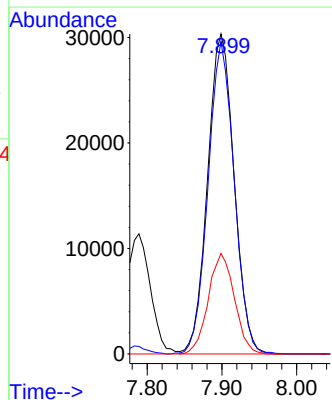
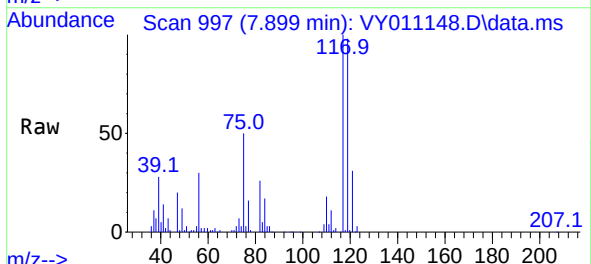
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

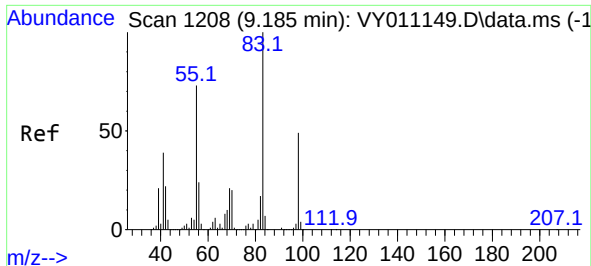
Tgt Ion: 43 Resp: 38617
Ion Ratio Lower Upper
43 100
61 14.7 9.7 14.5#
70 11.8 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 19.860 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion: 117 Resp: 74752
Ion Ratio Lower Upper
117 100
119 97.5 77.9 116.9
121 31.4 24.8 37.2





#39

Methylcyclohexane

Concen: 20.383 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY011148.D

Acq: 28 Oct 2022 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

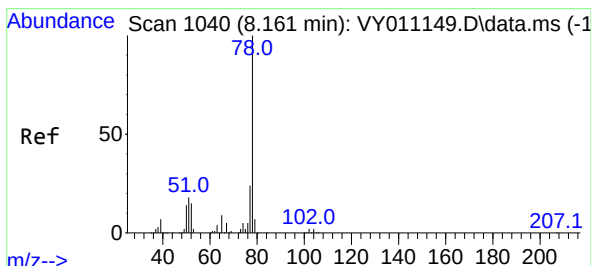
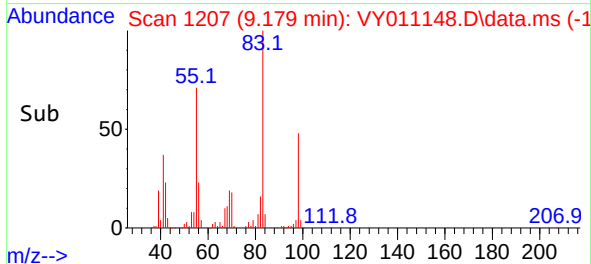
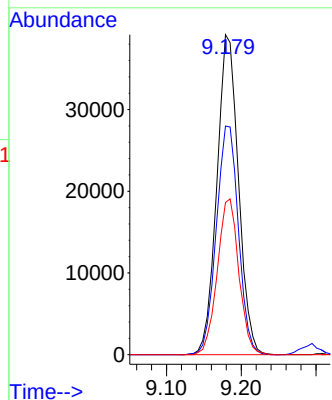
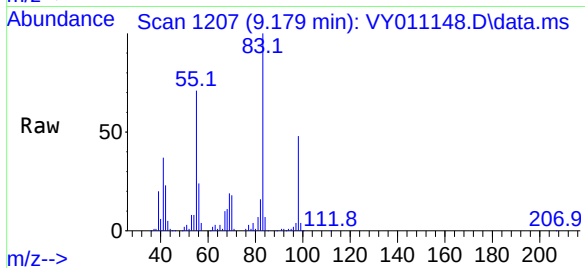
Tgt Ion: 83 Resp: 78590

Ion Ratio Lower Upper

83 100

55 71.4 66.5 99.7

98 47.5 37.9 56.9



#40

Benzene

Concen: 20.150 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY011148.D

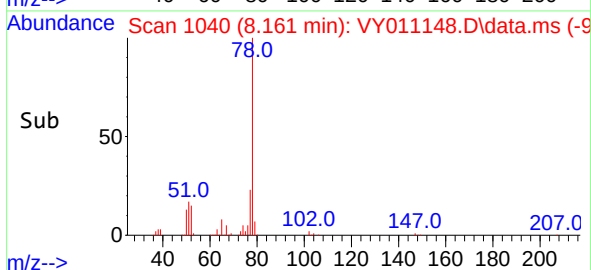
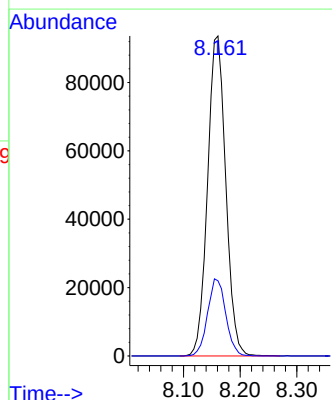
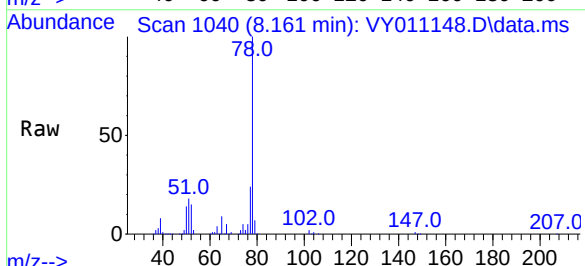
Acq: 28 Oct 2022 10:53

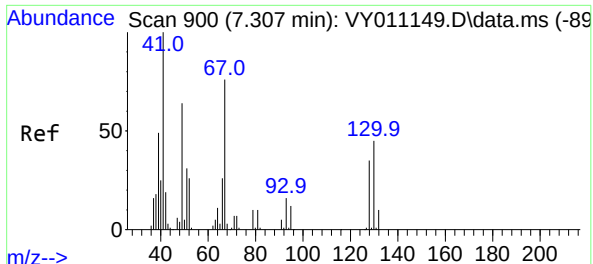
Tgt Ion: 78 Resp: 208463

Ion Ratio Lower Upper

78 100

77 23.5 20.4 30.6





#41

Methacrylonitrile

Concen: 47.889 ug/l

RT: 7.344 min Scan# 900

Delta R.T. 0.036 min

Lab File: VY011148.D

Acq: 28 Oct 2022 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 41 Resp: 53299

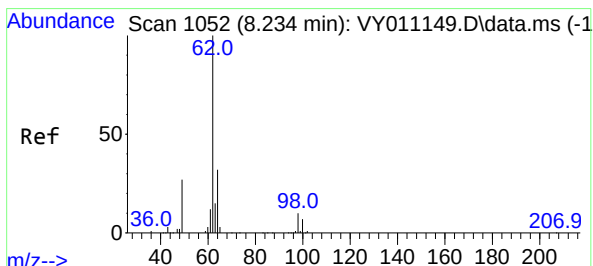
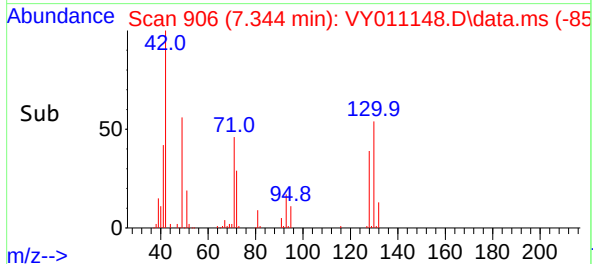
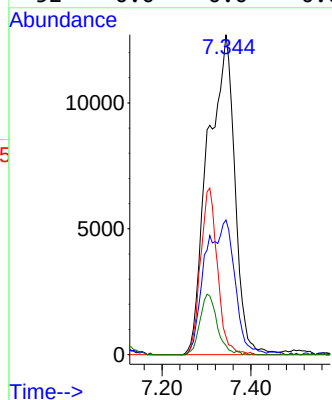
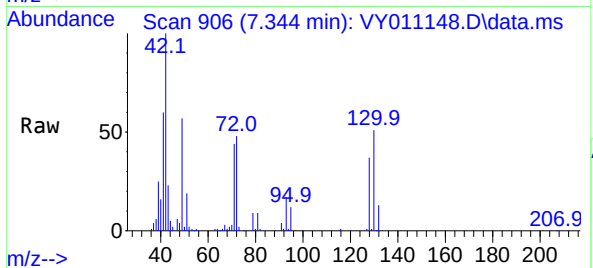
Ion Ratio Lower Upper

41 100

39 0.0 92.9 139.3#

67 0.0 0.0 0.0

52 0.0 0.0 0.0



#42

1,2-Dichloroethane

Concen: 20.215 ug/l

RT: 8.234 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VY011148.D

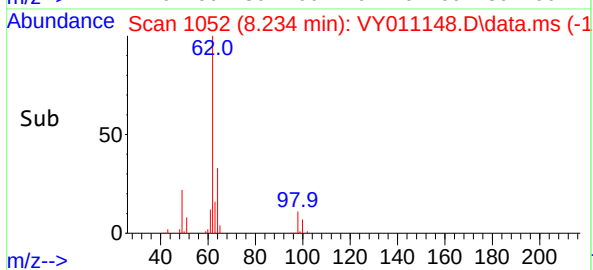
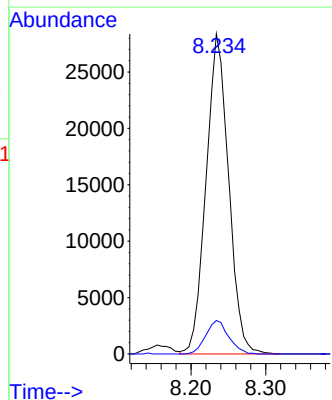
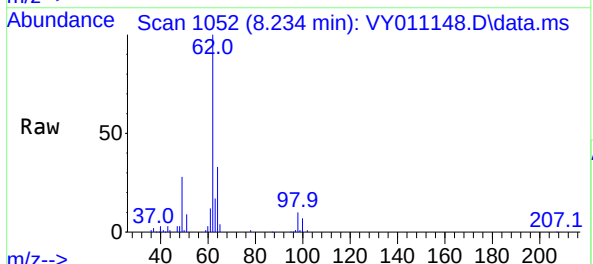
Acq: 28 Oct 2022 10:53

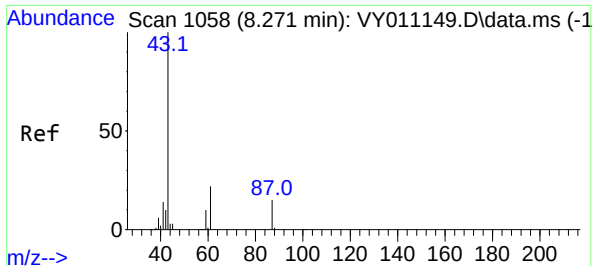
Tgt Ion: 62 Resp: 59502

Ion Ratio Lower Upper

62 100

98 10.6 0.0 14.8





#43

Isopropyl Acetate

Concen: 19.894 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VY011148.D

Acq: 28 Oct 2022 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

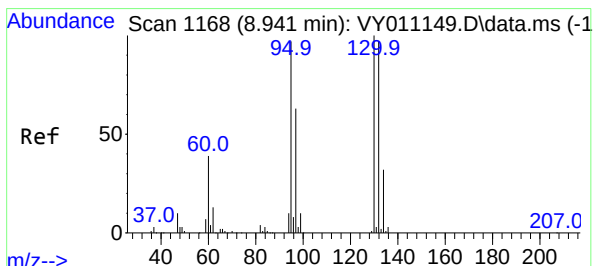
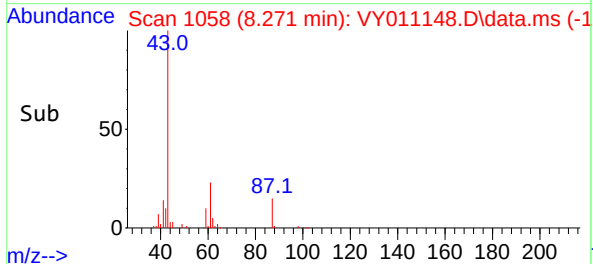
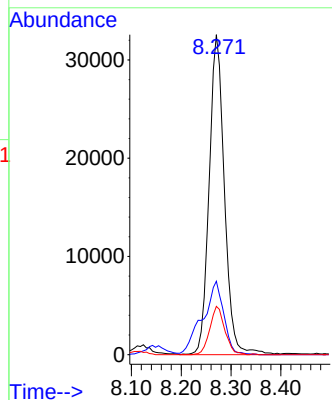
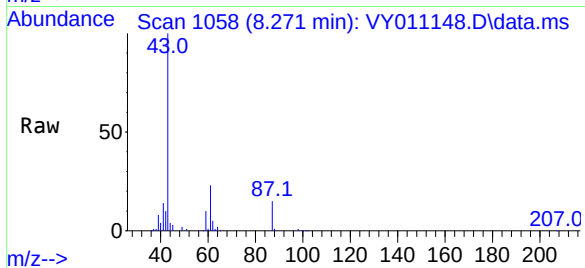
Tgt Ion: 43 Resp: 69352

Ion Ratio Lower Upper

43 100

61 31.7 20.2 30.2#

87 14.8 8.9 13.3#



#44

Trichloroethene

Concen: 19.921 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. -0.006 min

Lab File: VY011148.D

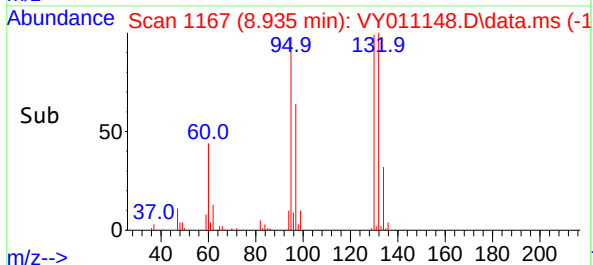
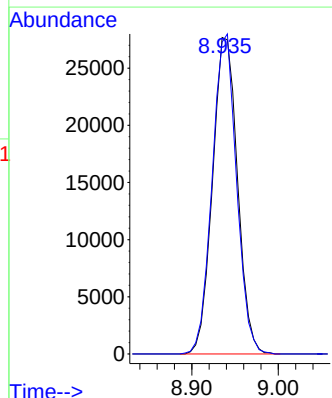
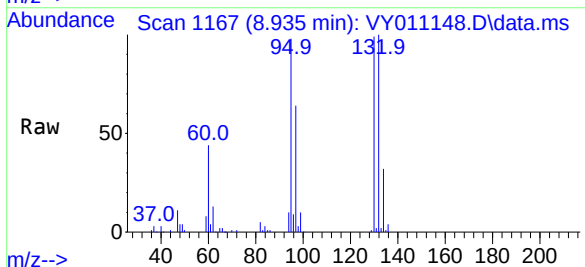
Acq: 28 Oct 2022 10:53

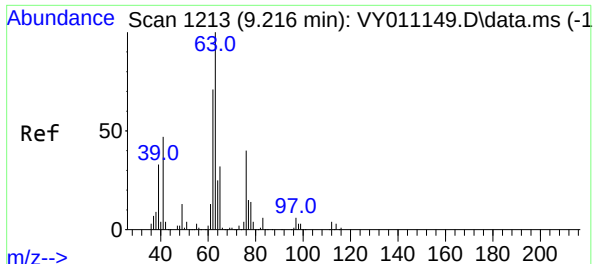
Tgt Ion:130 Resp: 55390

Ion Ratio Lower Upper

130 100

95 98.5 0.0 188.2





#45

1,2-Dichloropropane

Concen: 19.937 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY011148.D

Acq: 28 Oct 2022 10:53

Instrument :

MSVOA_Y

ClientSampleId :

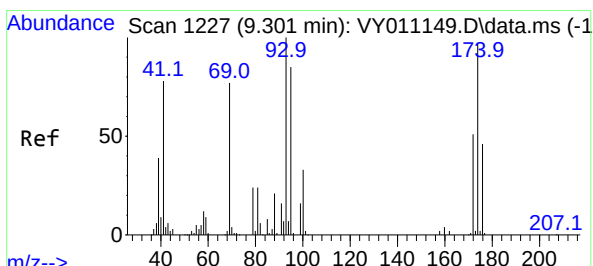
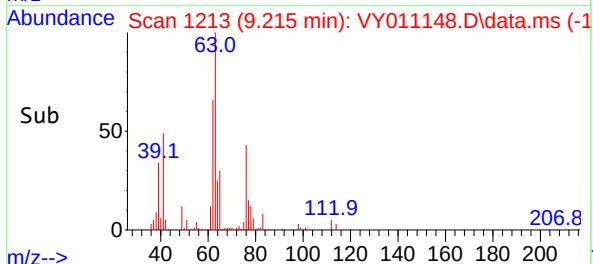
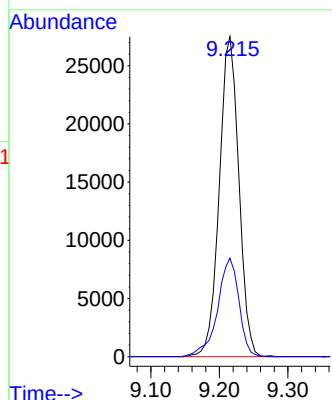
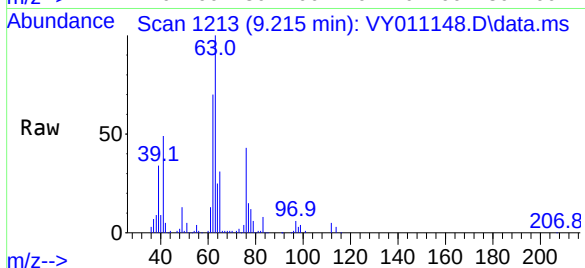
VSTDICC020

Tgt Ion: 63 Resp: 54293

Ion Ratio Lower Upper

63 100

65 30.8 23.0 34.6



#46

Dibromomethane

Concen: 19.969 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY011148.D

Acq: 28 Oct 2022 10:53

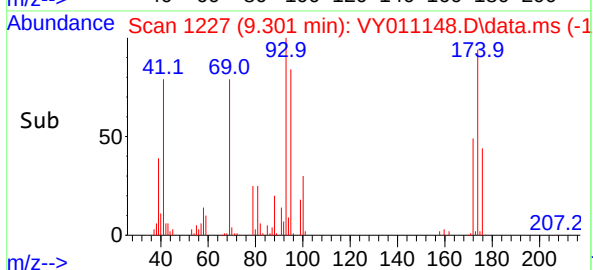
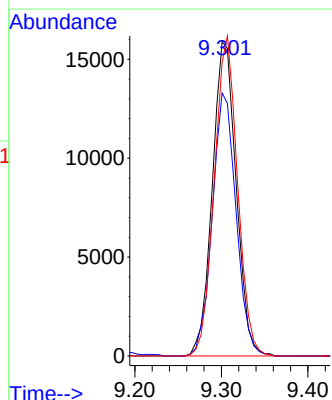
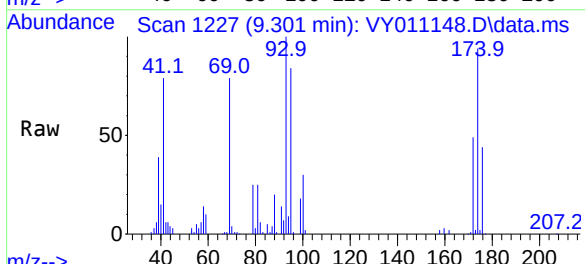
Tgt Ion: 93 Resp: 30399

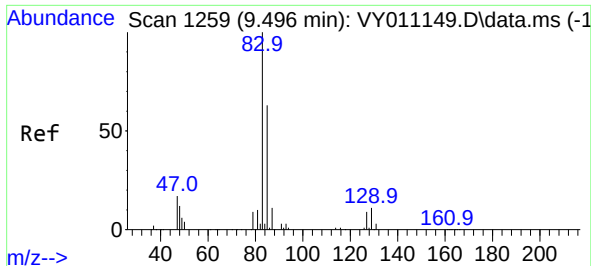
Ion Ratio Lower Upper

93 100

95 83.3 64.3 96.5

174 99.3 83.4 125.0

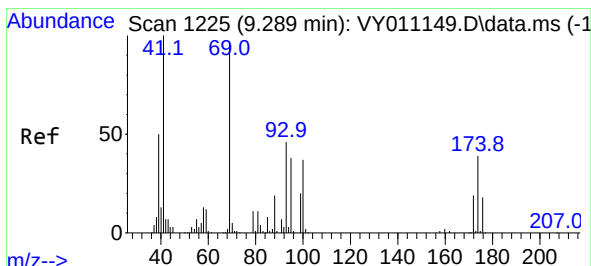
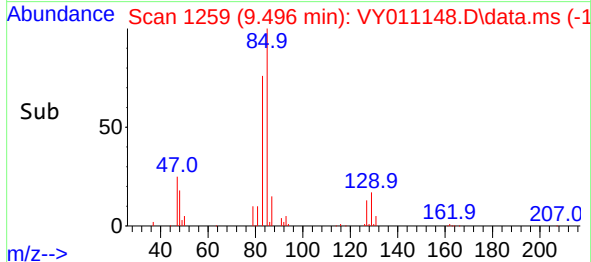
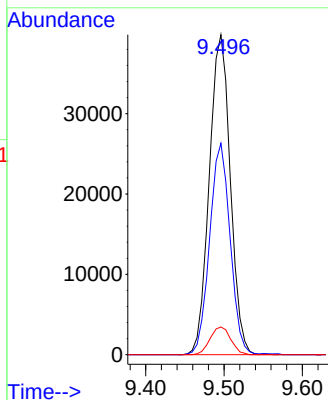
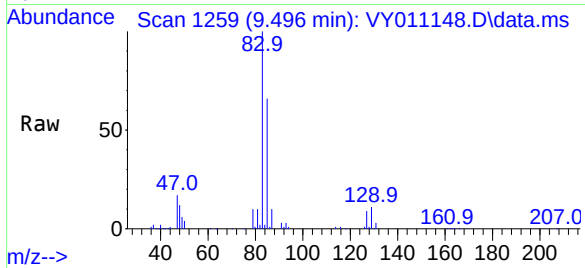




#47
Bromodichloromethane
Concen: 19.722 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

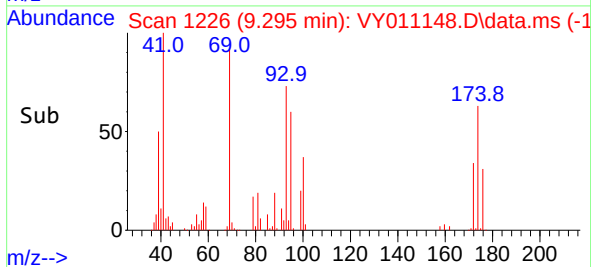
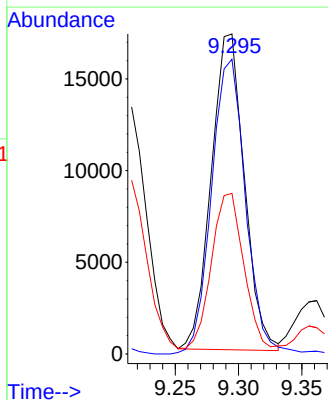
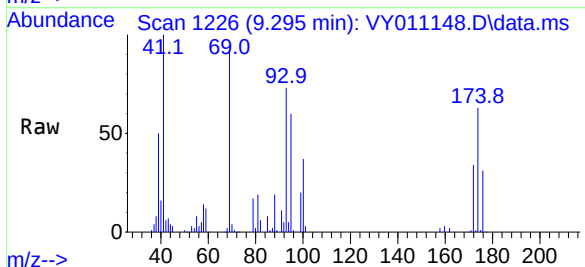
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

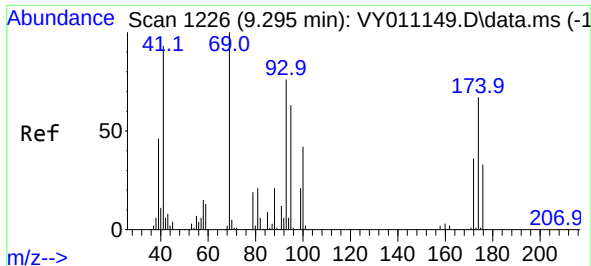
Tgt Ion: 83 Resp: 74192
Ion Ratio Lower Upper
83 100
85 66.1 51.9 77.9
127 8.7 6.6 10.0



#48
Methyl methacrylate
Concen: 20.176 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion: 41 Resp: 31351
Ion Ratio Lower Upper
41 100
69 96.5 58.2 87.2#
39 51.0 47.4 71.0

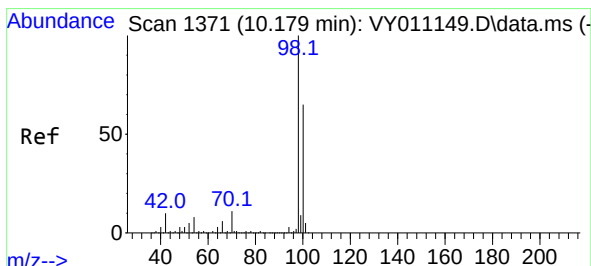
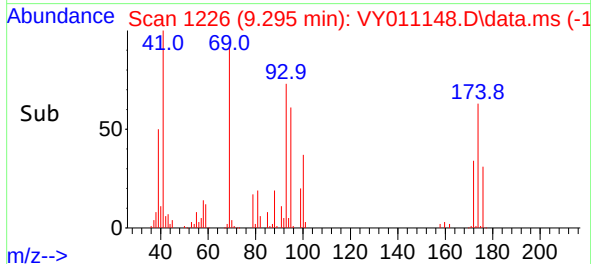
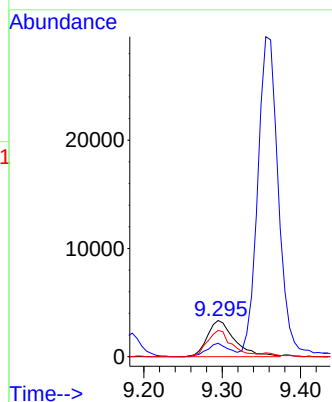
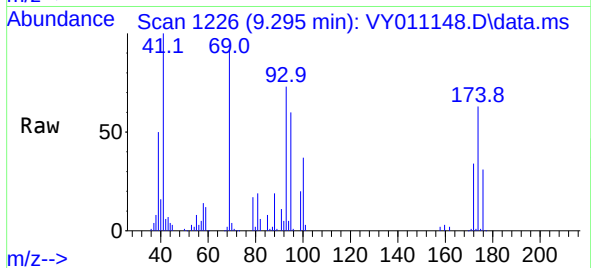




#49
1,4-Dioxane
Concen: 387.654 ug/l
RT: 9.295 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

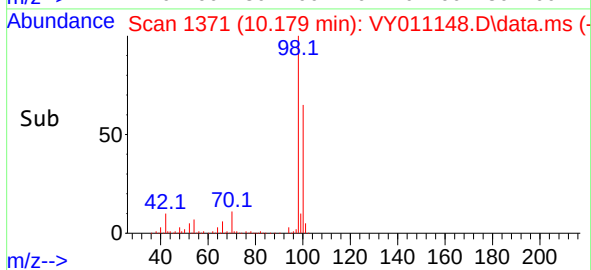
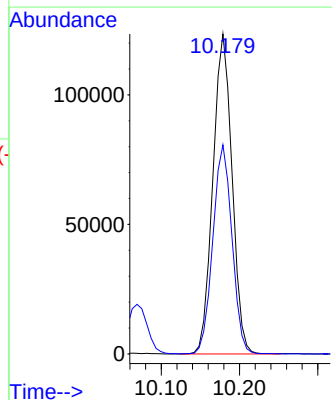
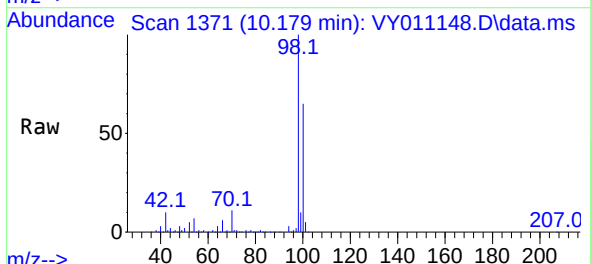
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

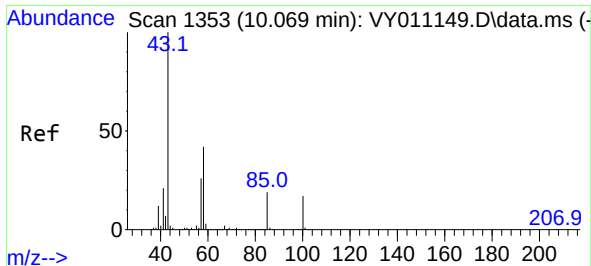
Tgt Ion: 88 Resp: 8145
Ion Ratio Lower Upper
88 100
43 29.8 32.8 49.2#
58 64.9 59.8 89.6



#50
Toluene-d8
Concen: 19.968 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion: 98 Resp: 209680
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

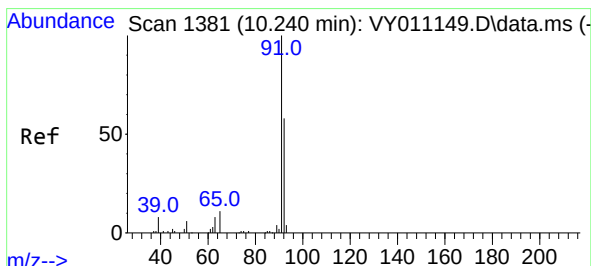
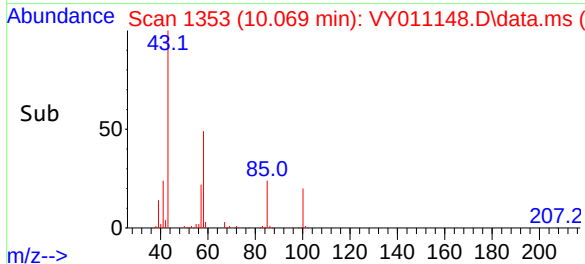
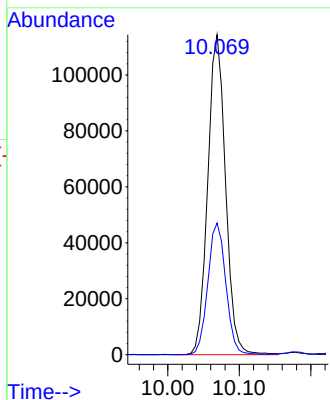
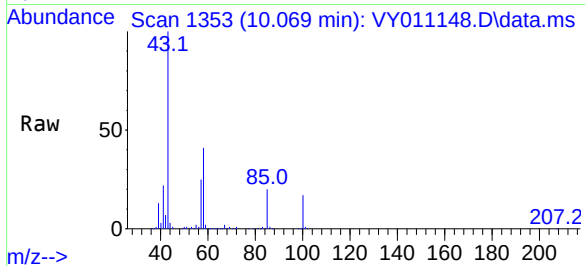




#51
4-Methyl-2-Pentanone
Concen: 100.559 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

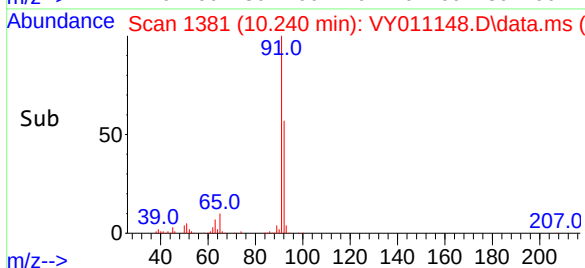
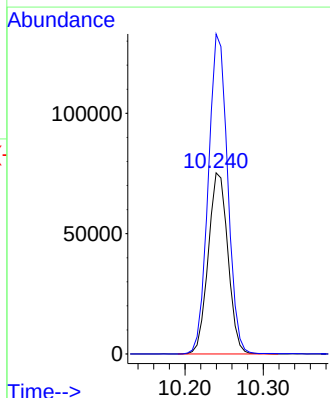
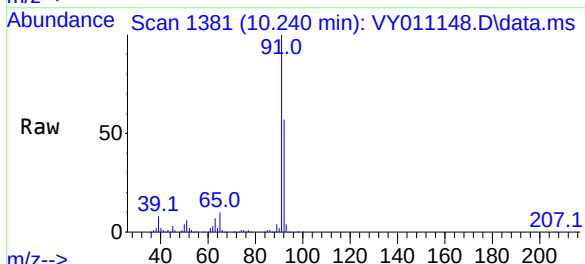
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

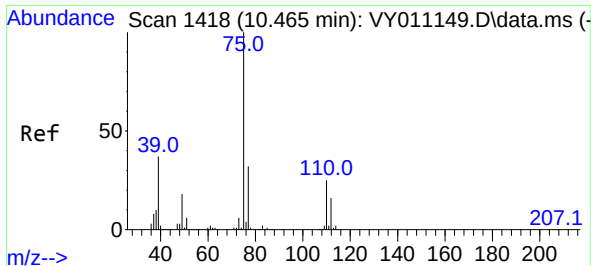
Tgt Ion: 43 Resp: 197659
Ion Ratio Lower Upper
43 100
58 41.5 28.1 42.1



#52
Toluene
Concen: 20.243 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion: 92 Resp: 131090
Ion Ratio Lower Upper
92 100
91 173.8 142.6 213.8

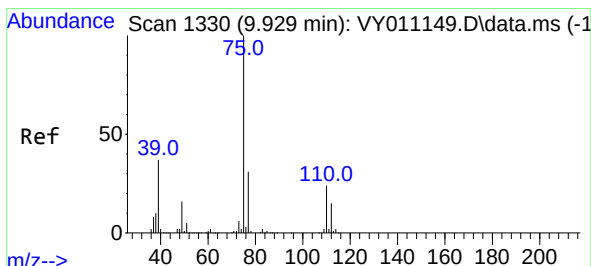
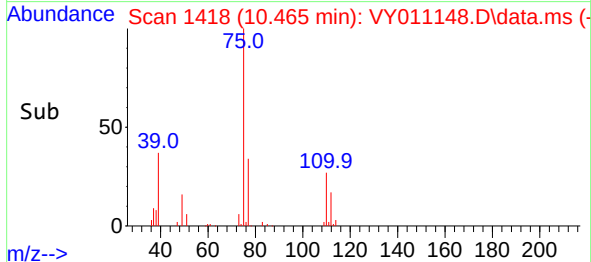
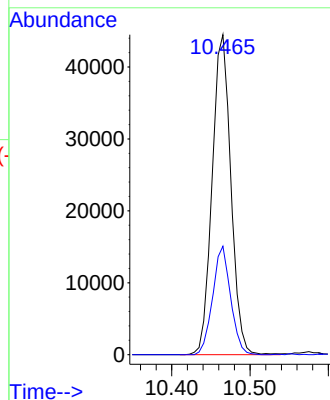
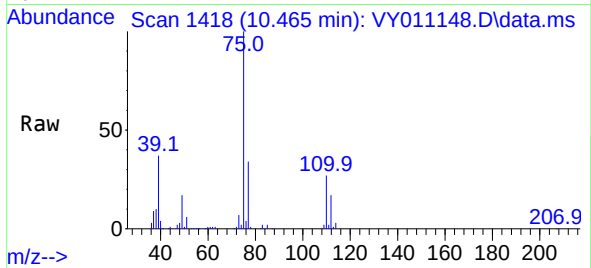




#53
t-1,3-Dichloropropene
Concen: 19.579 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

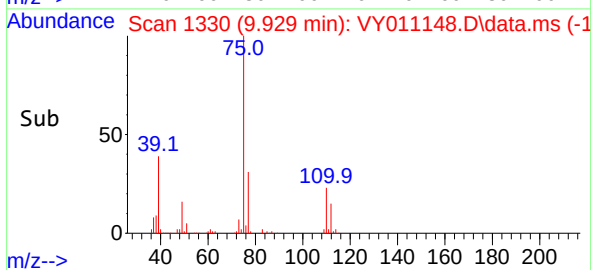
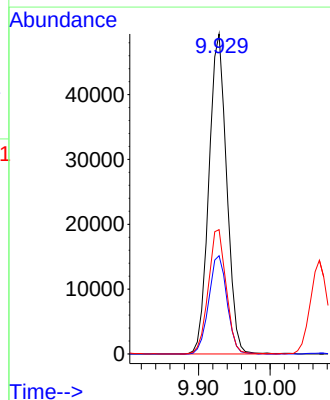
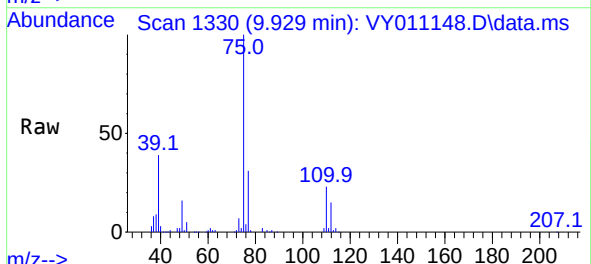
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

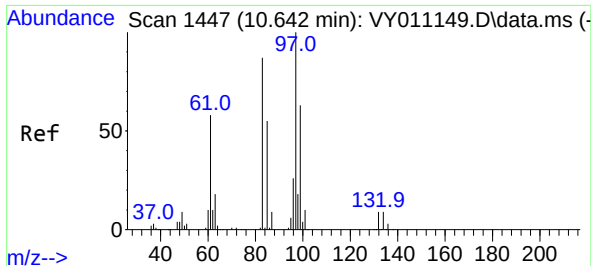
Tgt Ion: 75 Resp: 73848
Ion Ratio Lower Upper
75 100
77 33.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 19.913 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion: 75 Resp: 85136
Ion Ratio Lower Upper
75 100
77 30.7 25.6 38.4
39 38.8 47.6 71.4#

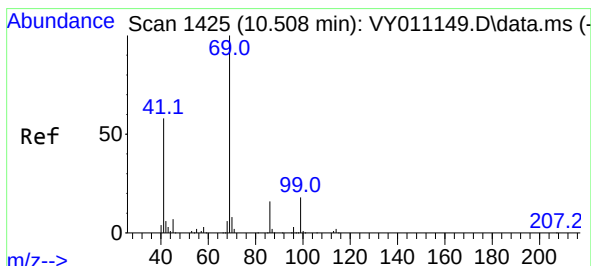
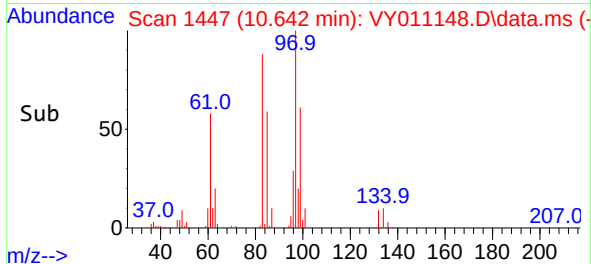
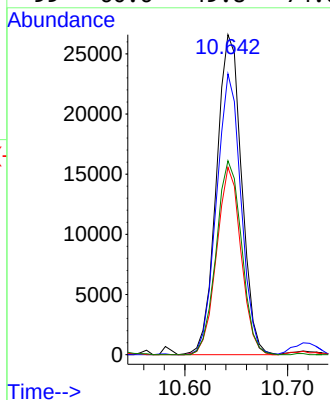
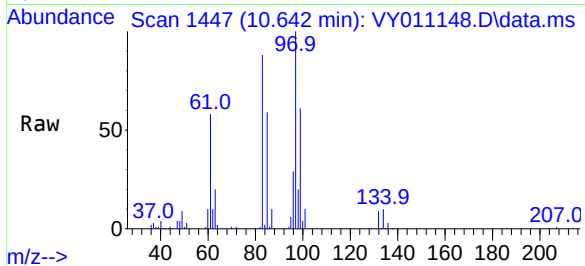




#55
1,1,2-Trichloroethane
Concen: 19.962 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

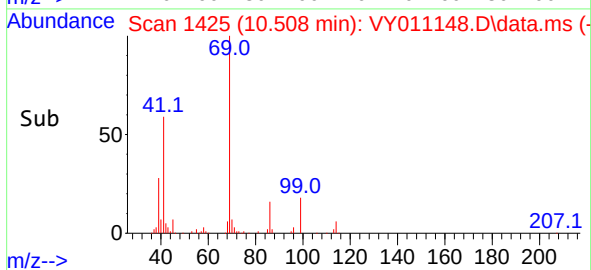
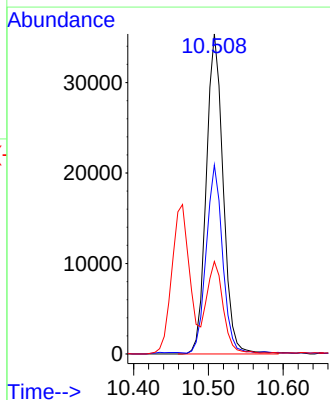
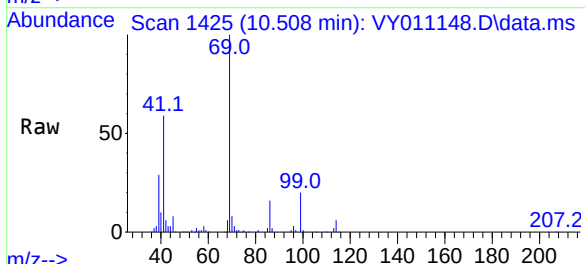
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

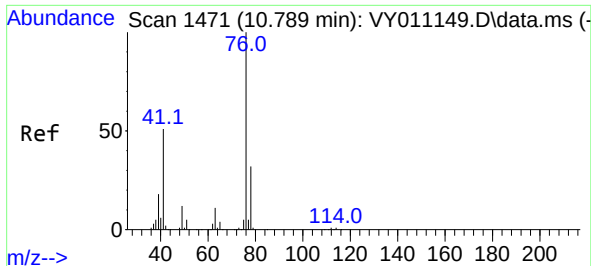
Tgt Ion: 97	Resp: 45231
Ion Ratio	Lower Upper
97 100	
83 87.8	69.8 104.8
85 58.6	44.3 66.5
99 60.6	49.8 74.6



#56
Ethyl methacrylate
Concen: 19.495 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion: 69	Resp: 55592
Ion Ratio	Lower Upper
69 100	
41 56.8	63.4 95.0#
39 27.3	35.8 53.8#





#57

1,3-Dichloropropane

Concen: 20.046 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY011148.D

Acq: 28 Oct 2022 10:53

Instrument :

MSVOA_Y

ClientSampleId :

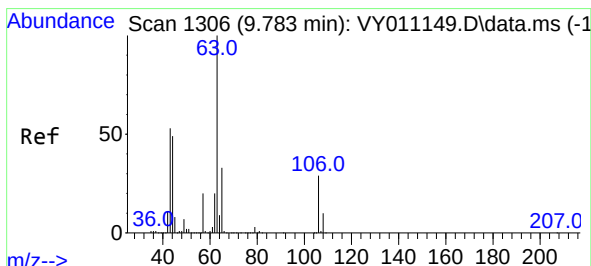
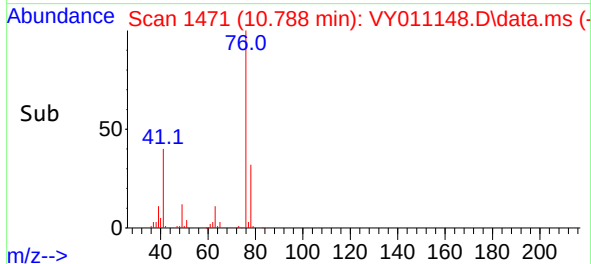
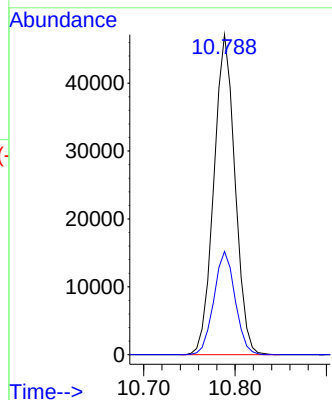
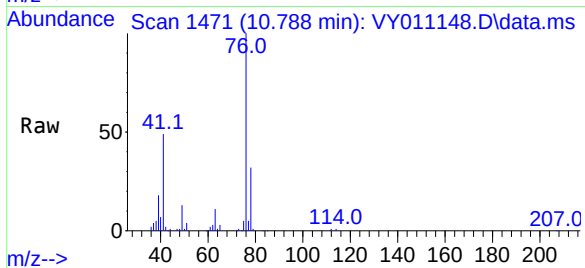
VSTDICC020

Tgt Ion: 76 Resp: 75816

Ion Ratio Lower Upper

76 100

78 32.3 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 74.805 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY011148.D

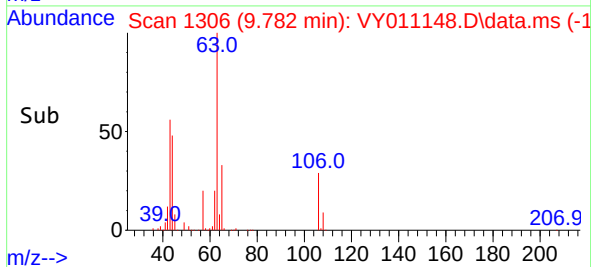
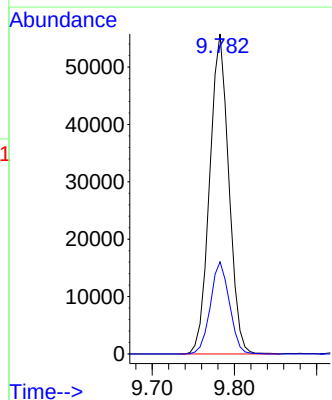
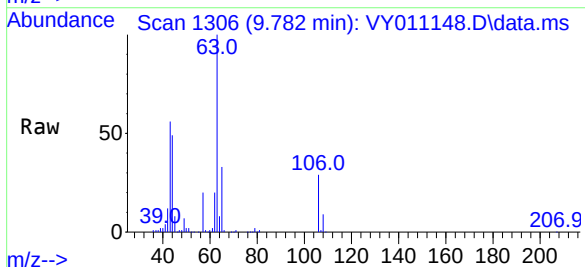
Acq: 28 Oct 2022 10:53

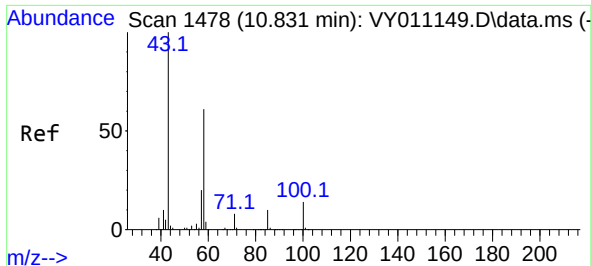
Tgt Ion: 63 Resp: 90118

Ion Ratio Lower Upper

63 100

106 28.5 21.5 32.3

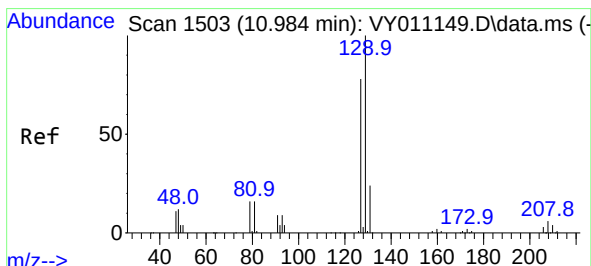
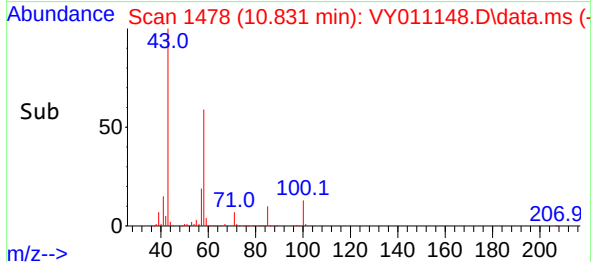
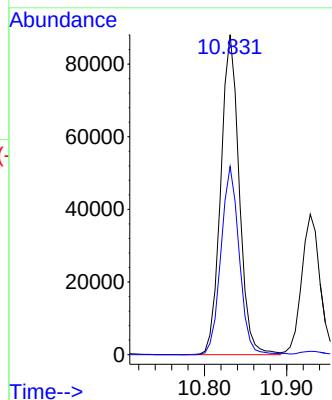
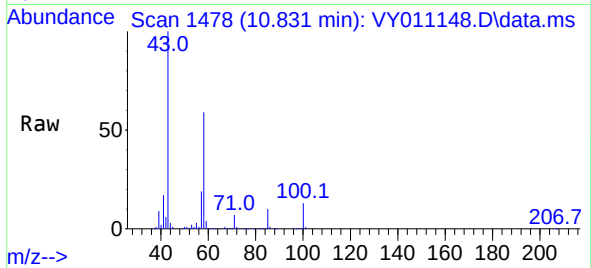




#59
2-Hexanone
Concen: 101.155 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

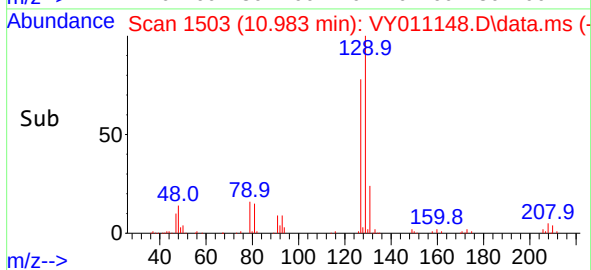
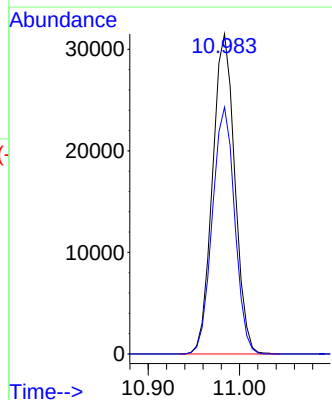
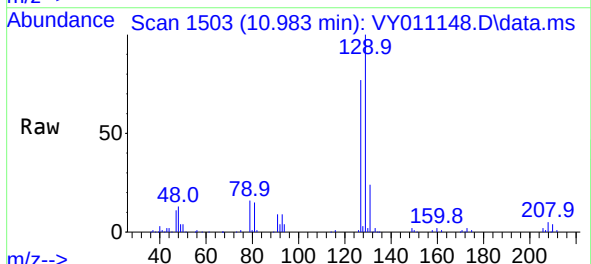
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

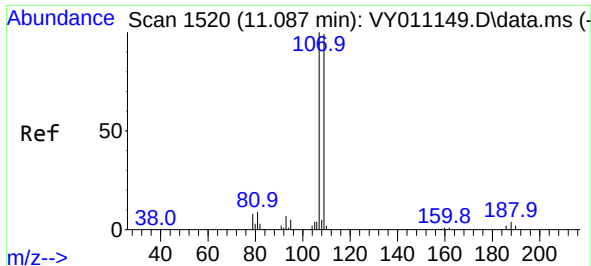
Tgt Ion: 43 Resp: 137222
Ion Ratio Lower Upper
43 100
58 58.4 24.4 73.4



#60
Dibromochloromethane
Concen: 19.893 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion:129 Resp: 53297
Ion Ratio Lower Upper
129 100
127 77.3 38.7 116.1

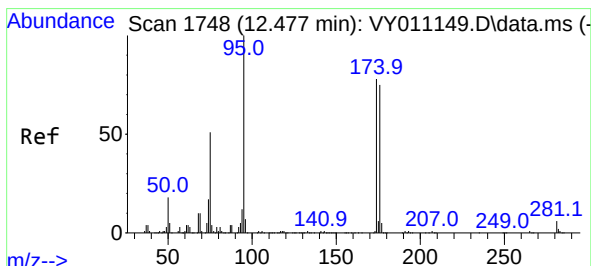
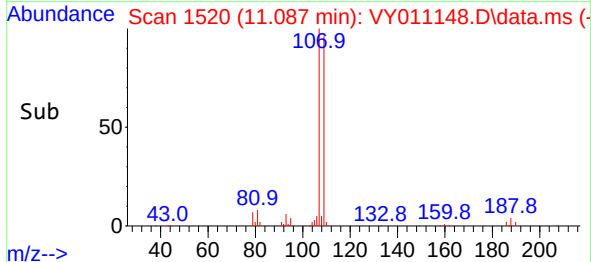
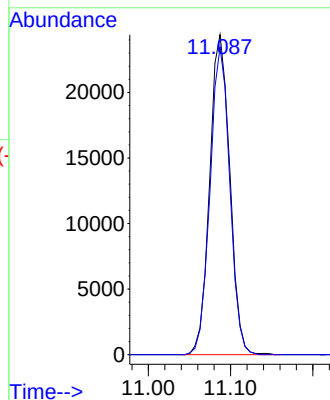
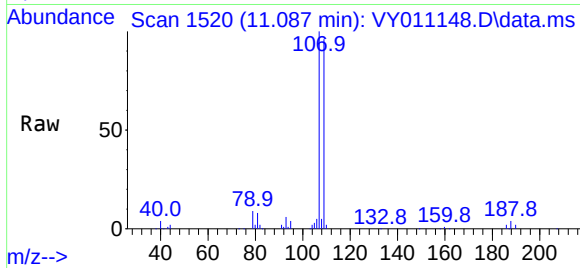




#61
1,2-Dibromoethane
Concen: 20.098 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

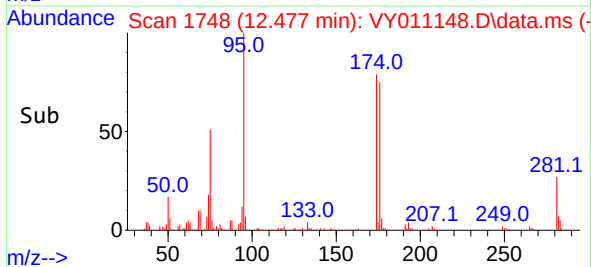
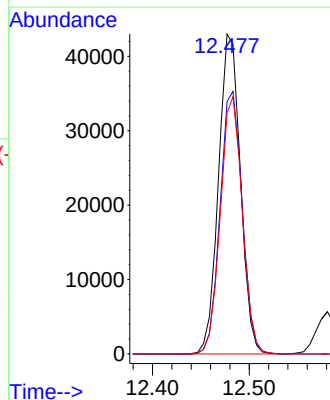
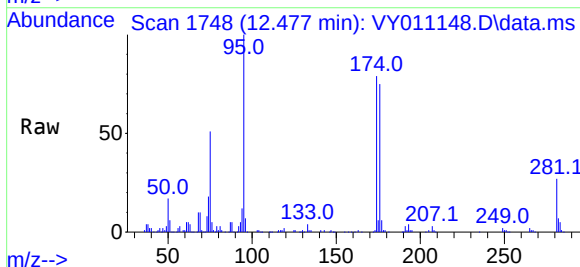
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

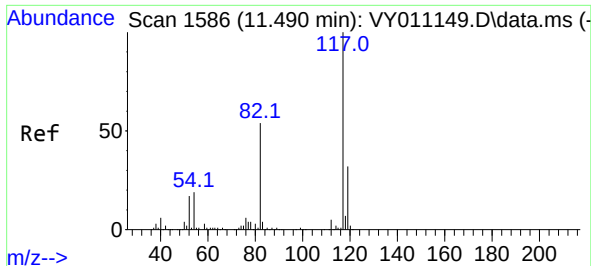
Tgt Ion:107 Resp: 41335
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 19.622 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion: 95 Resp: 67422
Ion Ratio Lower Upper
95 100
174 83.1 0.0 177.0
176 80.3 0.0 175.8

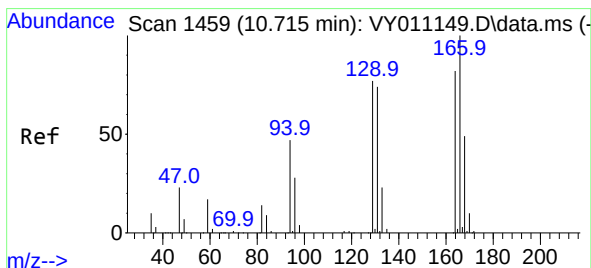
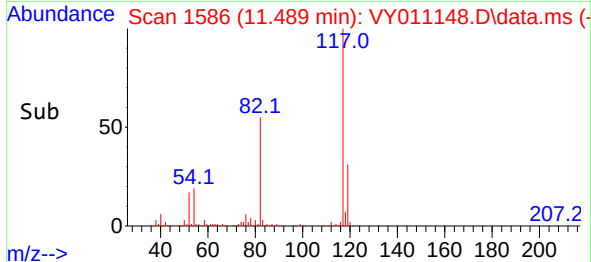
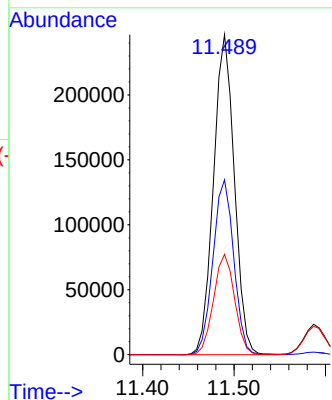
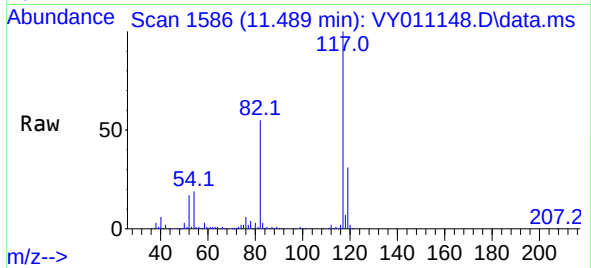




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

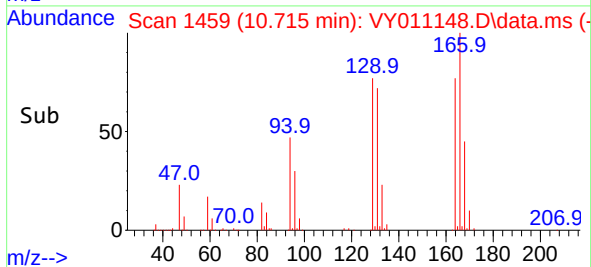
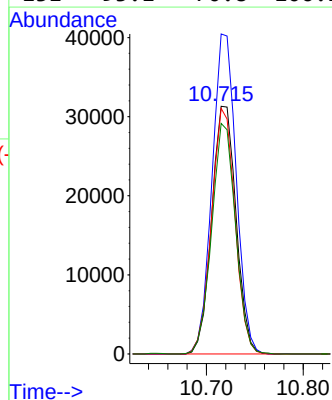
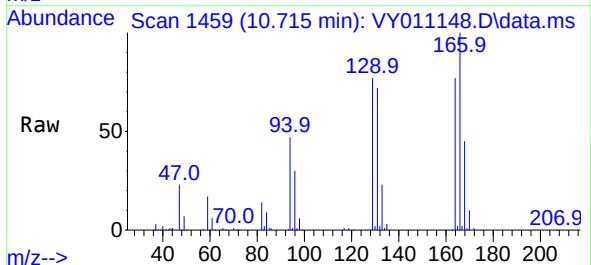
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

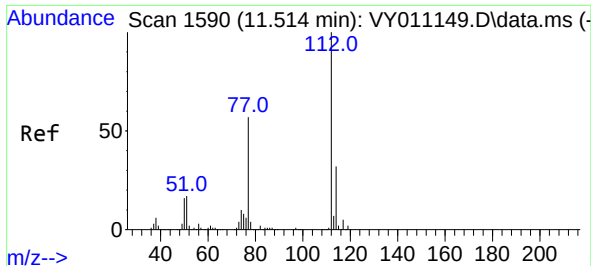
Tgt Ion:117 Resp: 390219
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.4
119 31.4 25.4 38.0



#64
Tetrachloroethene
Concen: 20.358 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion:164 Resp: 54814
Ion Ratio Lower Upper
164 100
166 129.2 100.4 150.6
129 99.2 71.4 107.0
131 93.1 70.8 106.2

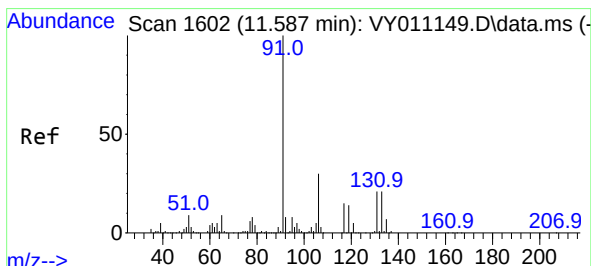
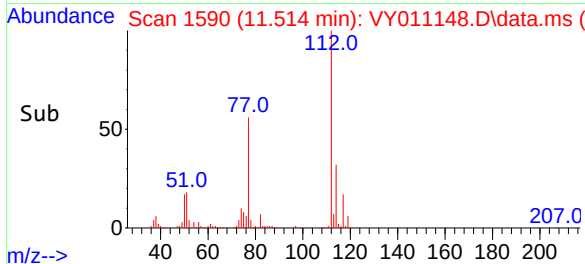
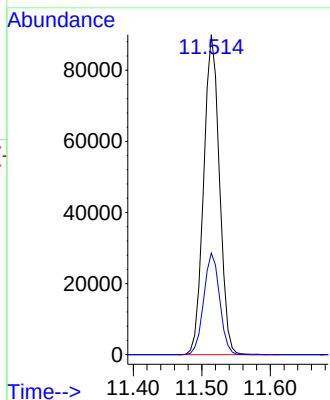
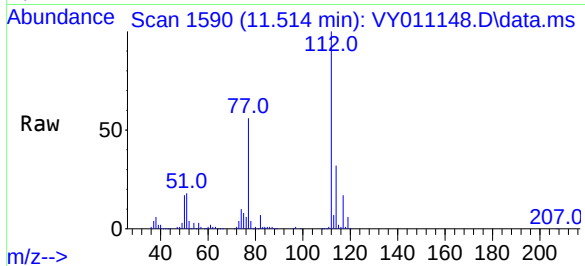




#65
Chlorobenzene
Concen: 20.107 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

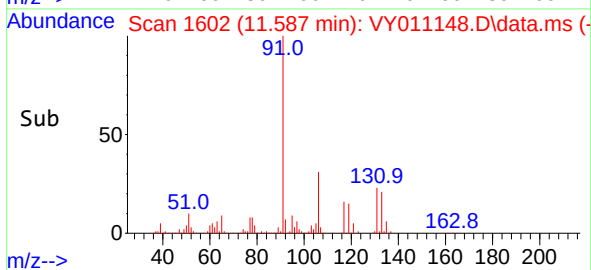
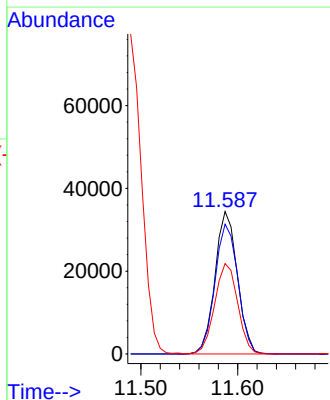
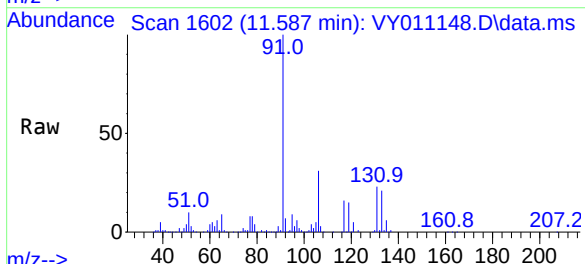
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

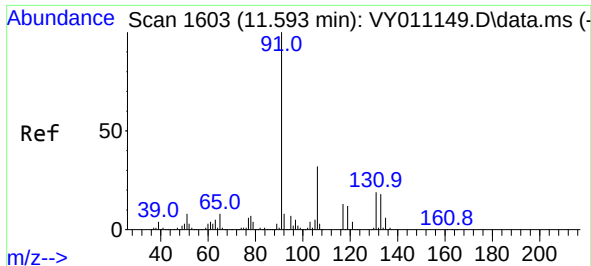
Tgt Ion:112 Resp: 144477
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.781 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion:131 Resp: 55148
Ion Ratio Lower Upper
131 100
133 93.8 47.9 143.6
119 65.3 30.8 92.3

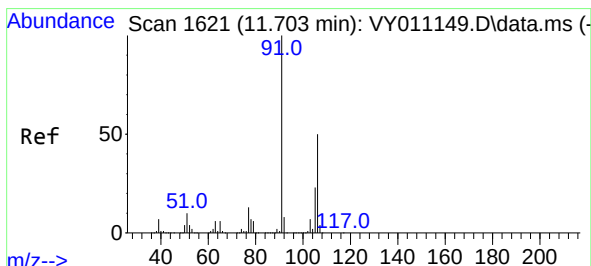
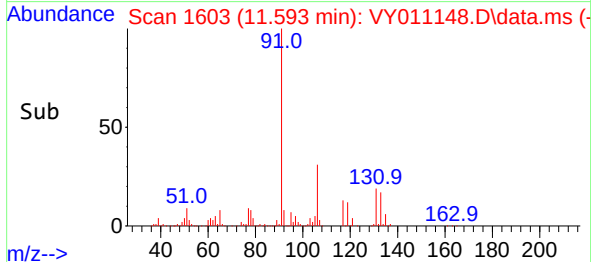
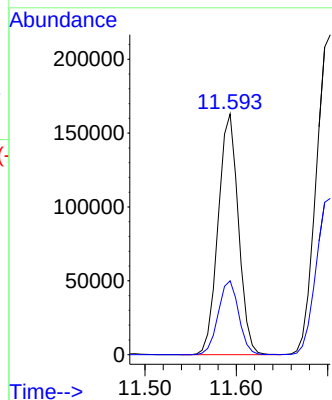
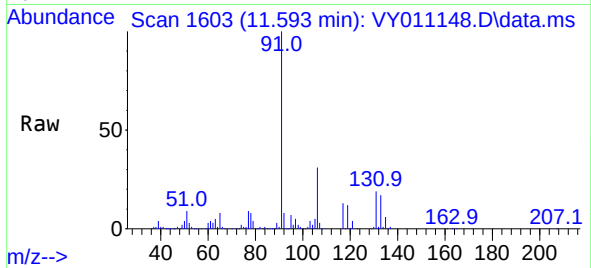




#67
Ethyl Benzene
Concen: 19.999 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

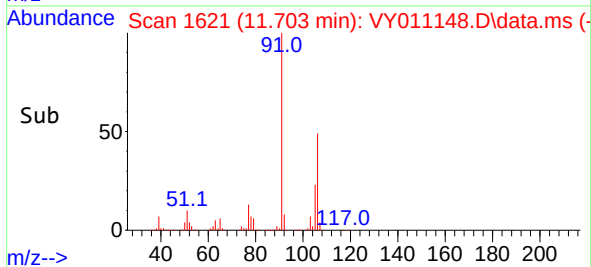
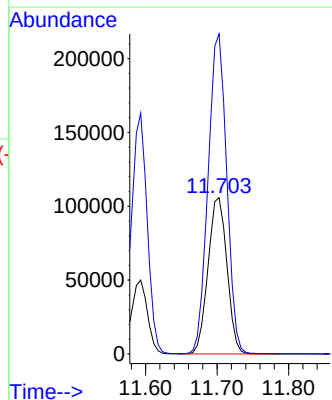
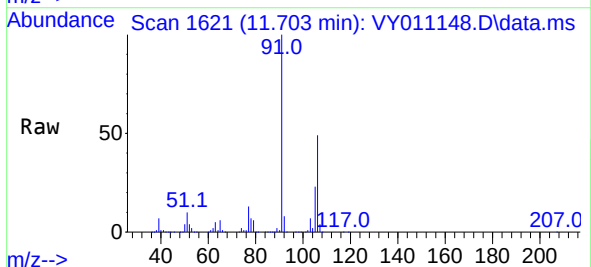
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

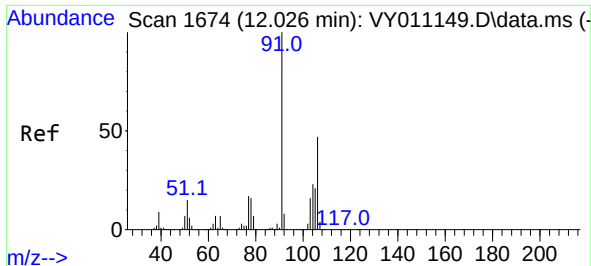
Tgt Ion: 91 Resp: 251028
Ion Ratio Lower Upper
91 100
106 30.7 24.5 36.7



#68
m/p-Xylenes
Concen: 40.774 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion: 106 Resp: 195063
Ion Ratio Lower Upper
106 100
91 201.1 166.6 249.8

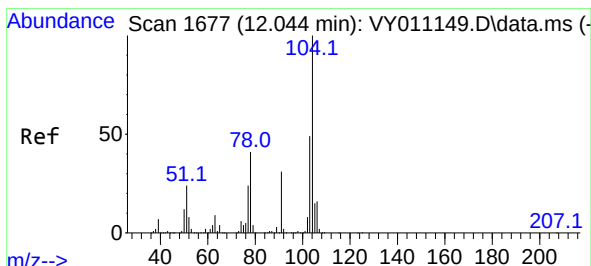
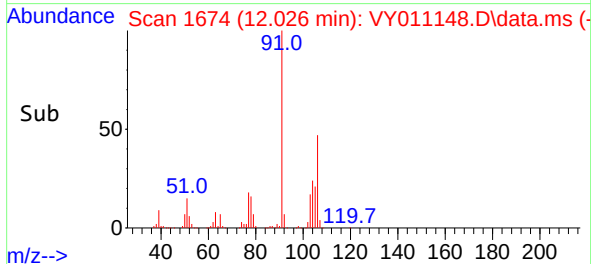
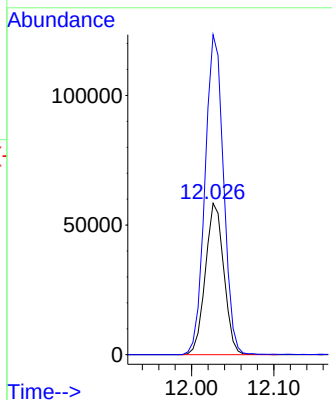
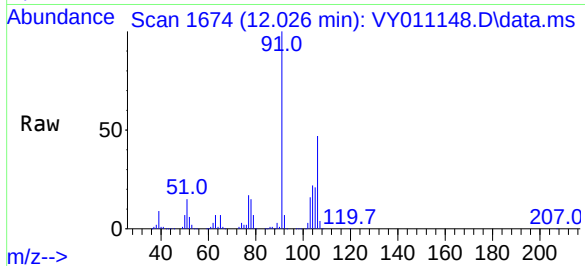




#69
o-Xylene
Concen: 19.981 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

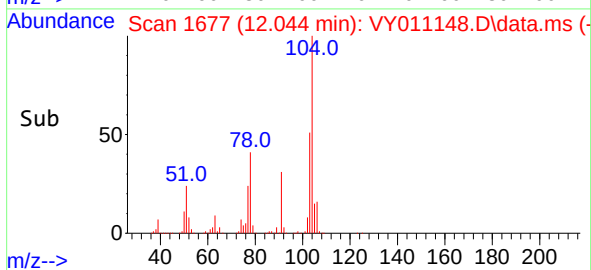
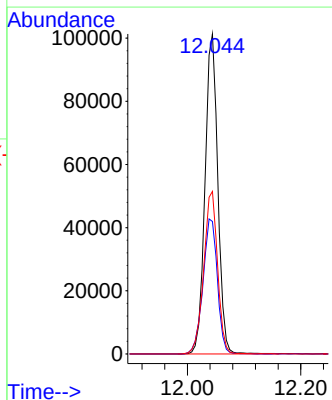
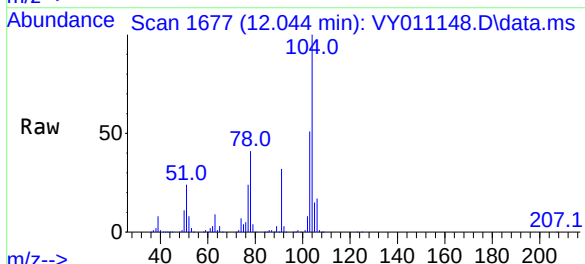
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

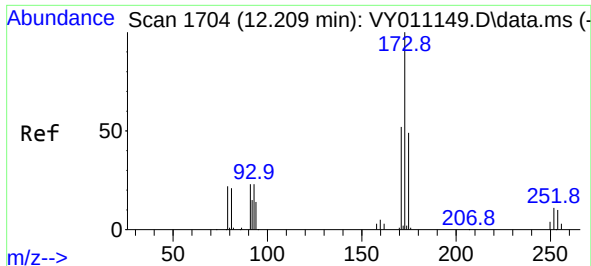
Tgt Ion:106 Resp: 91170
Ion Ratio Lower Upper
106 100
91 211.8 110.3 331.0



#70
Styrene
Concen: 20.341 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion:104 Resp: 158615
Ion Ratio Lower Upper
104 100
78 47.6 42.4 63.6
103 55.2 44.4 66.6

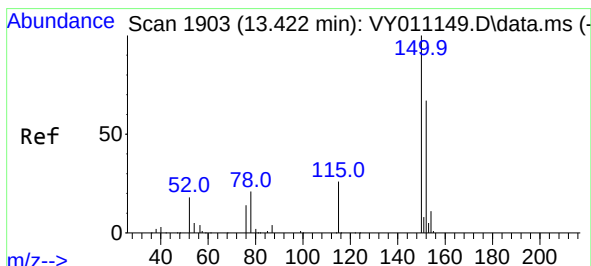
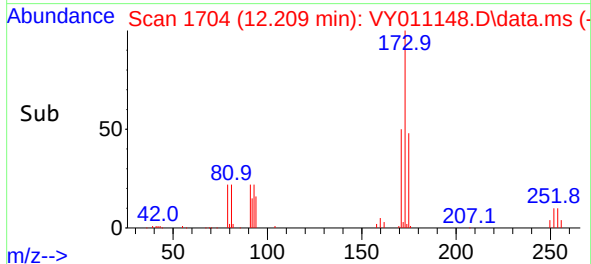
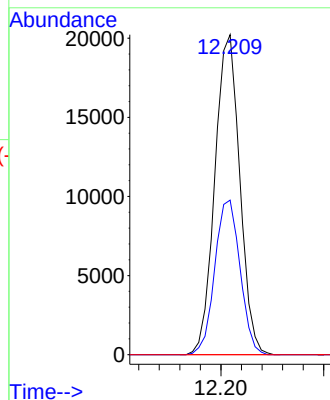
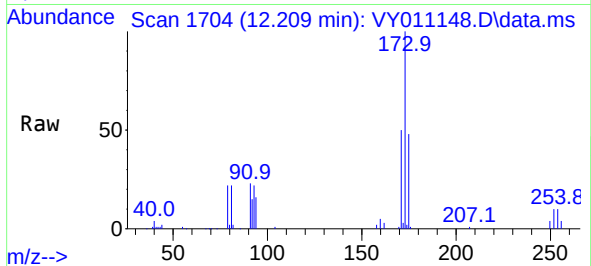




#71
Bromoform
Concen: 19.915 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

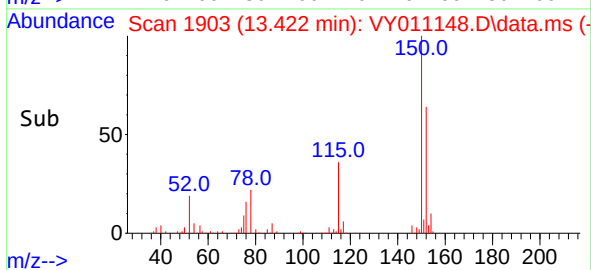
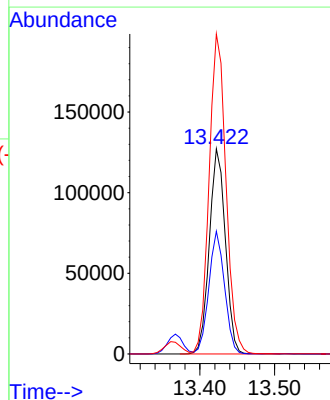
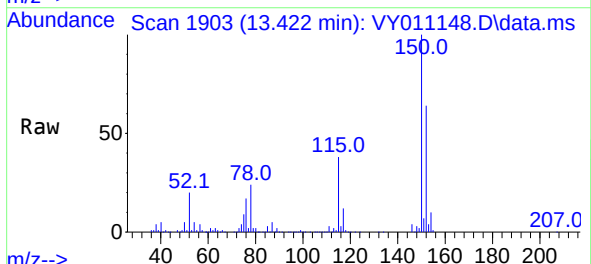
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

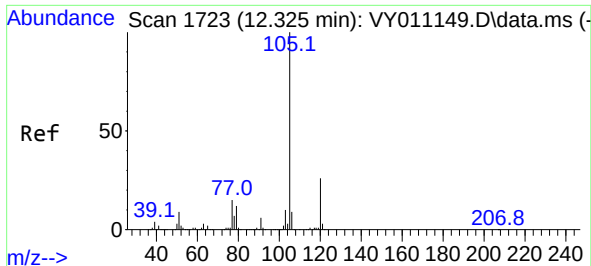
Tgt Ion:173 Resp: 34022
Ion Ratio Lower Upper
173 100
175 48.9 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion:152 Resp: 189631
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 164.1 0.0 347.6

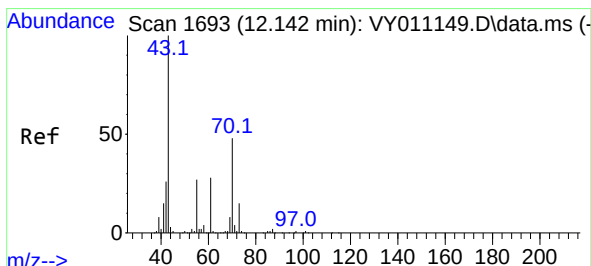
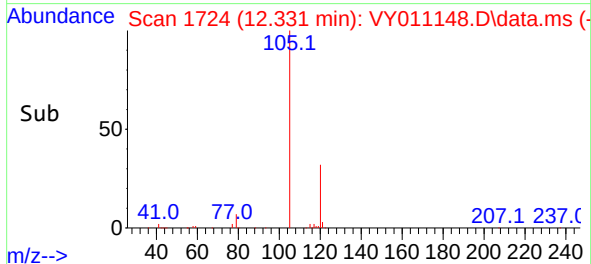
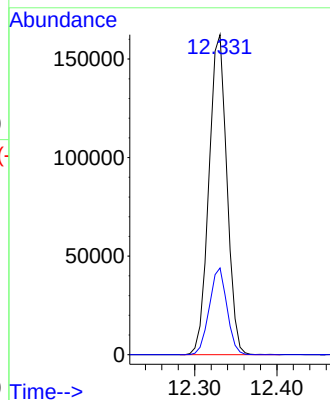
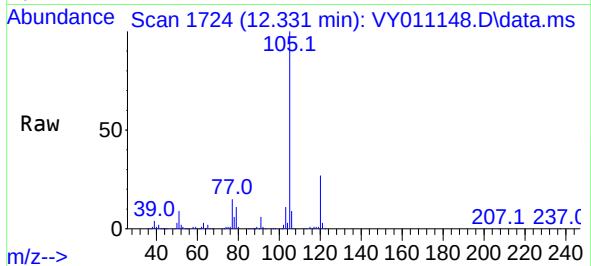




#73
Isopropylbenzene
Concen: 19.873 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

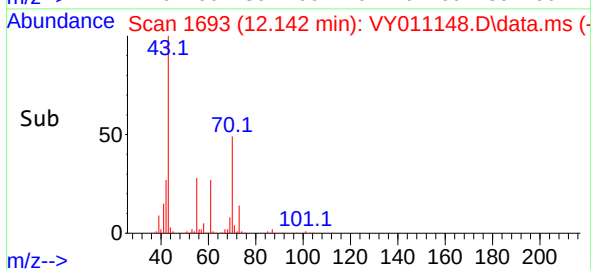
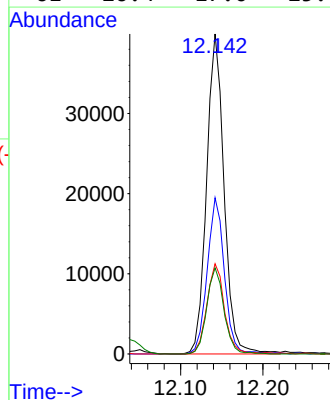
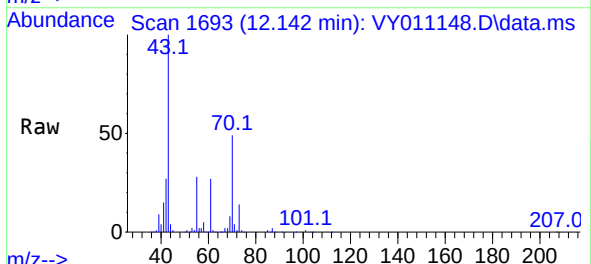
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

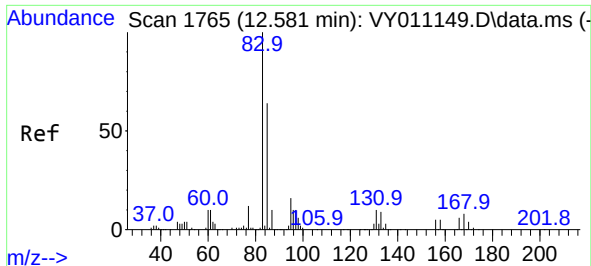
Tgt Ion:105 Resp: 246053
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.2



#74
N-ethyl acetate
Concen: 19.438 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion: 43 Resp: 59077
Ion Ratio Lower Upper
43 100
70 48.1 28.7 43.1#
55 28.8 17.3 25.9#
61 26.4 17.0 25.6#

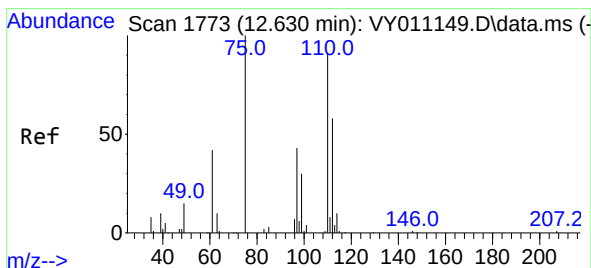
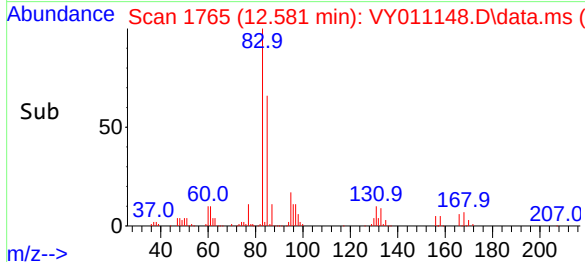
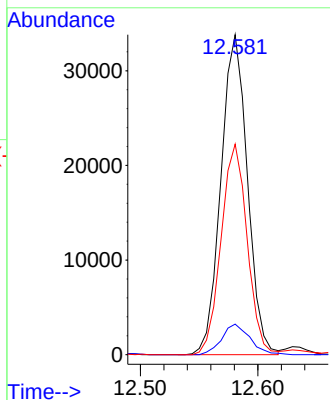
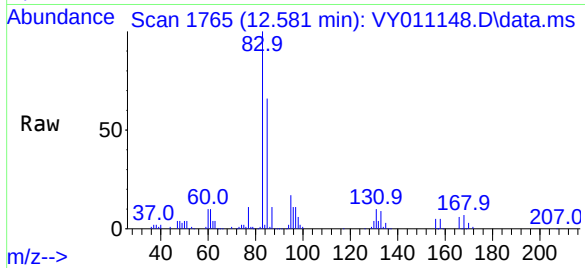




#75
1,1,2,2-Tetrachloroethane
Concen: 19.629 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

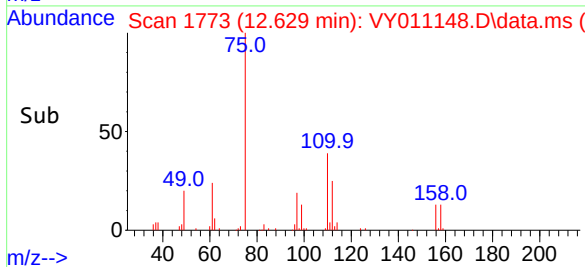
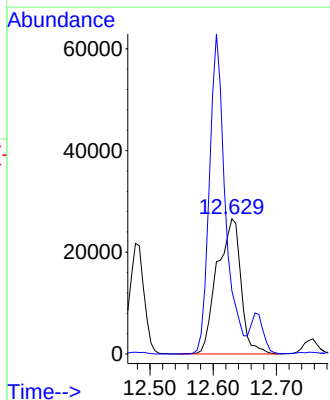
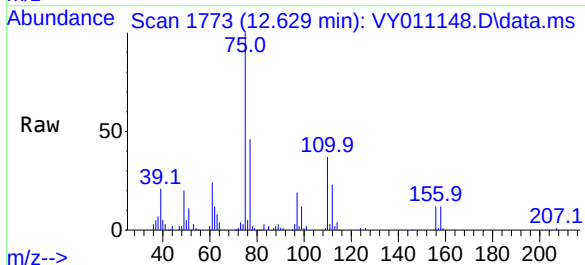
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

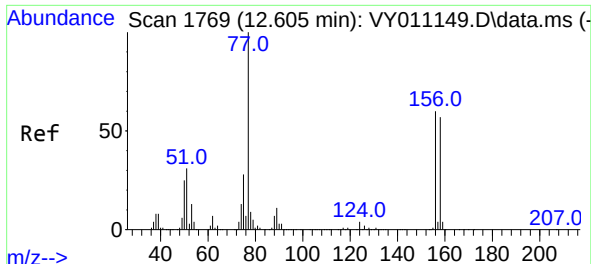
Tgt Ion: 83 Resp: 53023
Ion Ratio Lower Upper
83 100
131 10.1 5.6 16.8
85 64.7 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 34.444 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion: 75 Resp: 69385
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

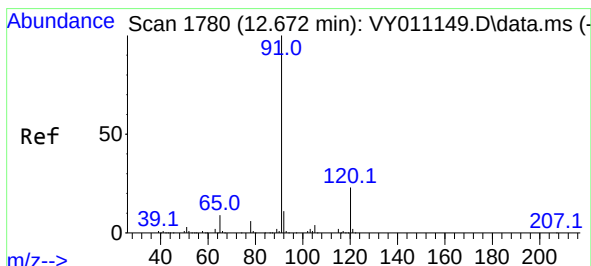
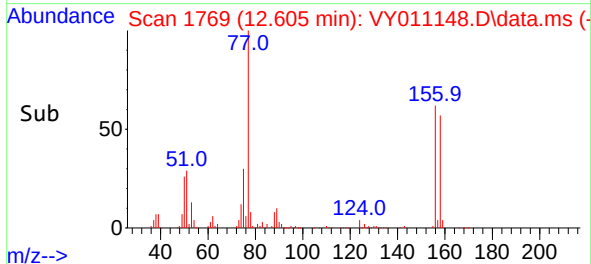
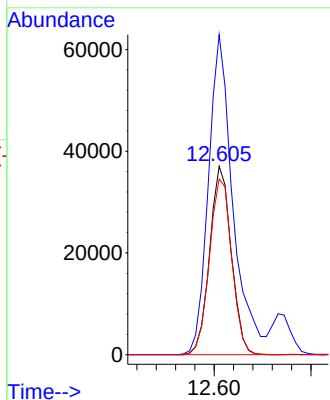
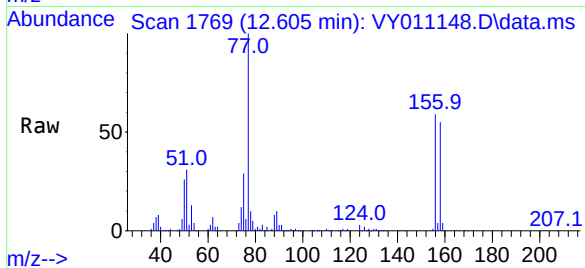




#77
Bromobenzene
Concen: 19.734 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

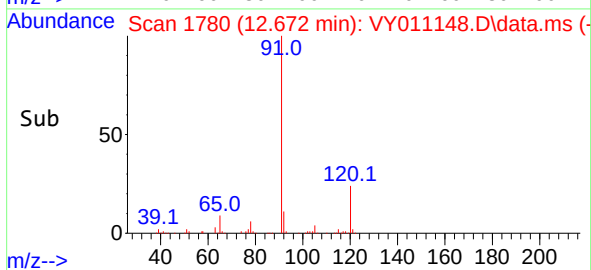
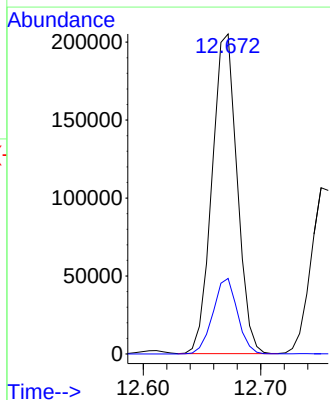
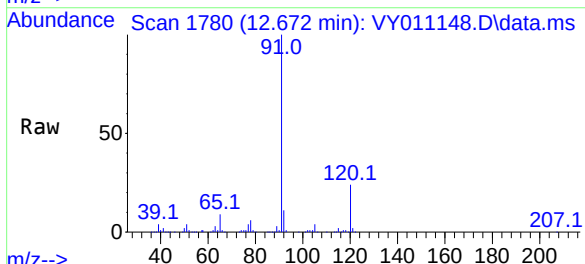
Instrument :
MSVOA_Y
ClientSampleId :
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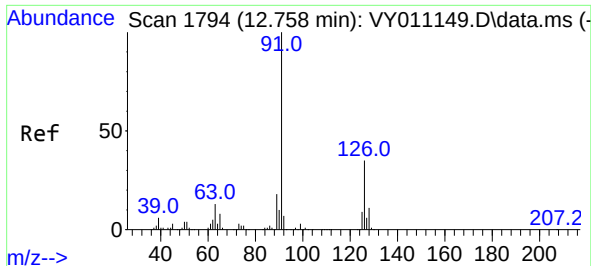
Tgt Ion:156 Resp: 57465
Ion Ratio Lower Upper
156 100
77 193.1 95.5 286.4
158 96.5 48.0 144.0



#78
n-propylbenzene
Concen: 20.220 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion: 91 Resp: 304446
Ion Ratio Lower Upper
91 100
120 23.1 11.3 33.9

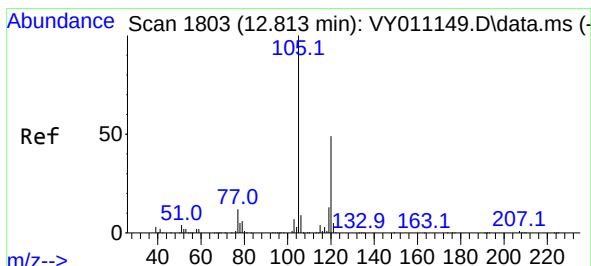
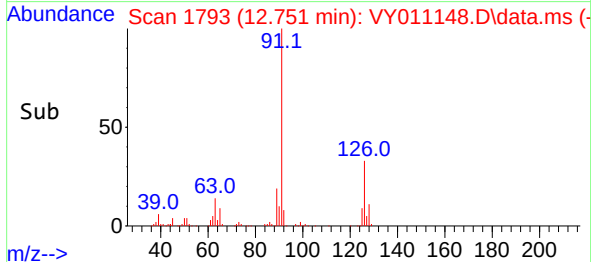
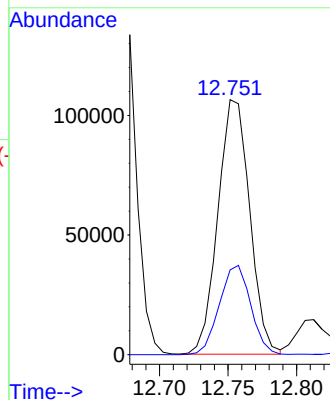
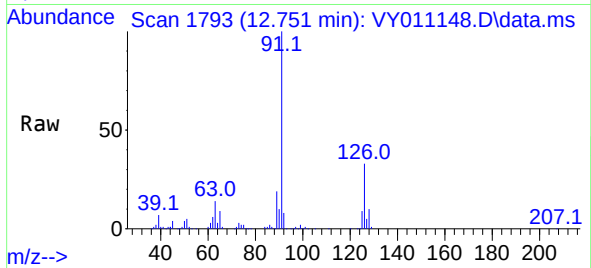




#79
2-Chlorotoluene
Concen: 20.020 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

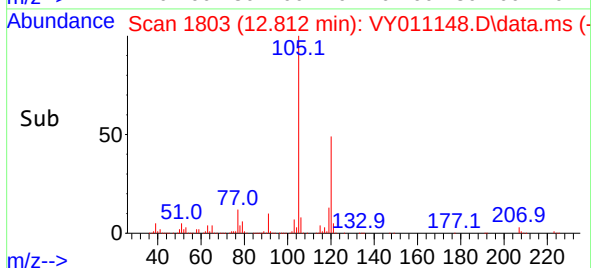
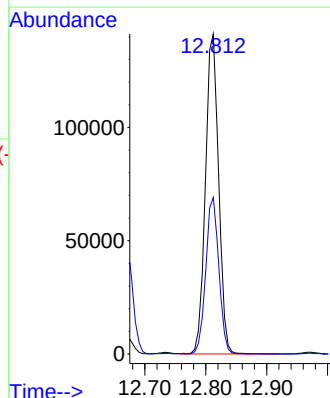
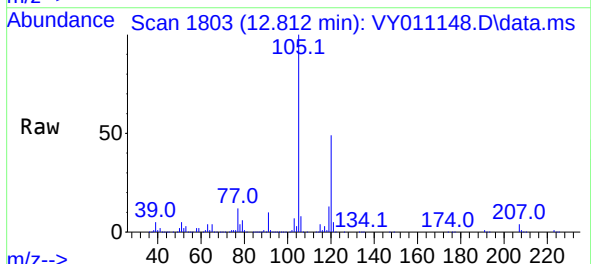
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

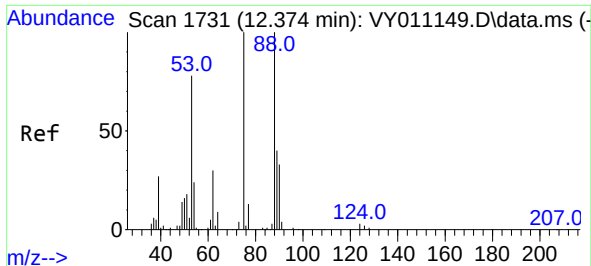
Tgt Ion: 91 Resp: 172406
Ion Ratio Lower Upper
91 100
126 34.6 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 20.368 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion: 105 Resp: 212478
Ion Ratio Lower Upper
105 100
120 48.5 24.4 73.4

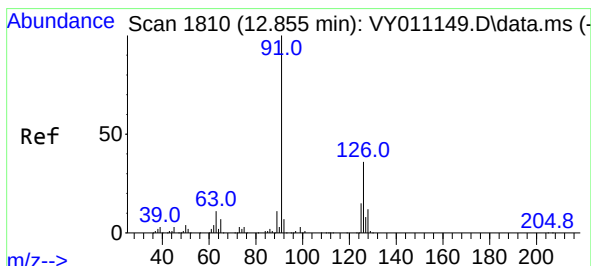
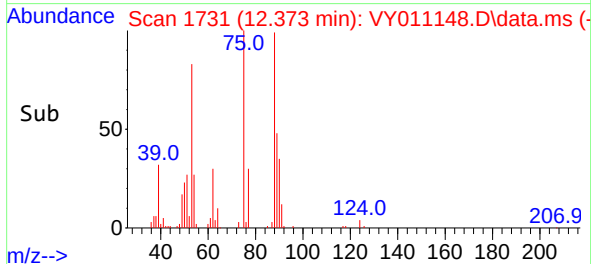
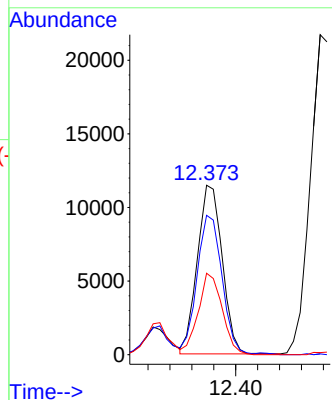
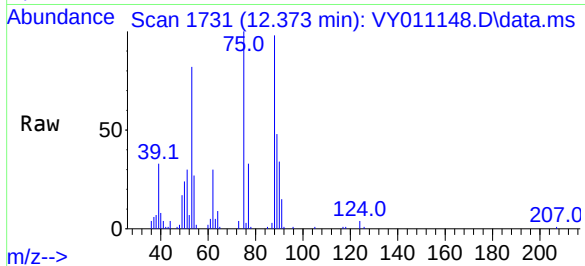




#81
trans-1,4-Dichloro-2-butene
Concen: 19.447 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

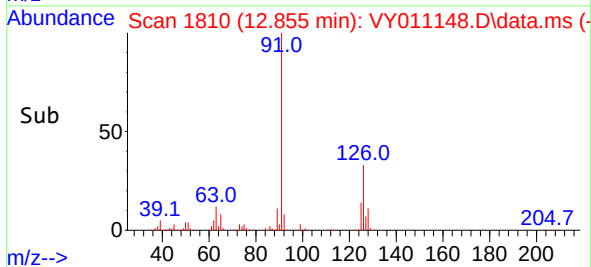
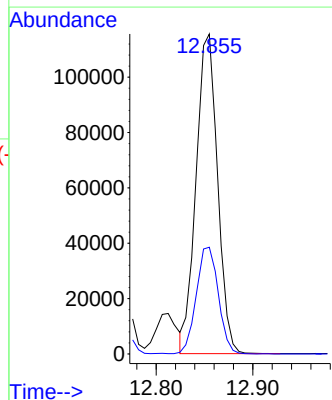
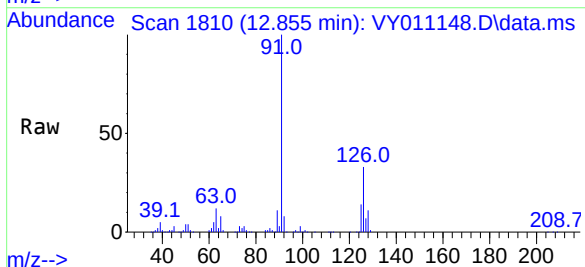
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

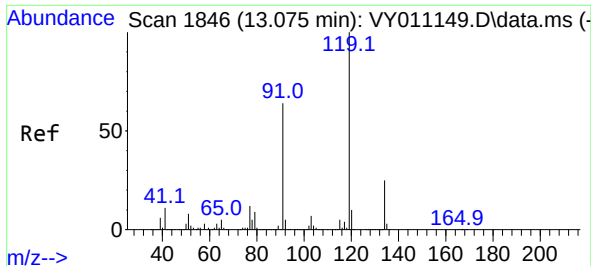
Tgt Ion: 75 Resp: 18054
Ion Ratio Lower Upper
75 100
53 82.4 85.3 127.9#
89 46.6 37.0 55.4



#82
4-Chlorotoluene
Concen: 19.980 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion: 91 Resp: 178491
Ion Ratio Lower Upper
91 100
126 34.3 17.0 51.0

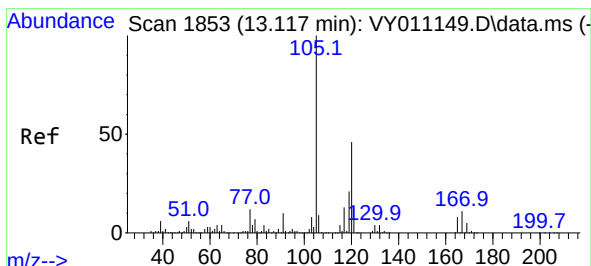
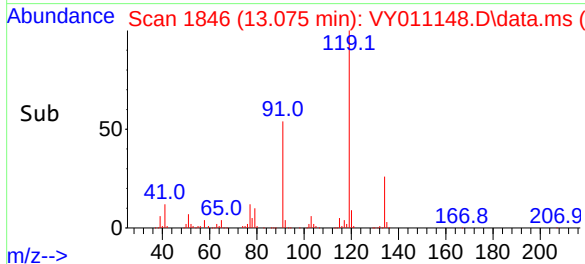
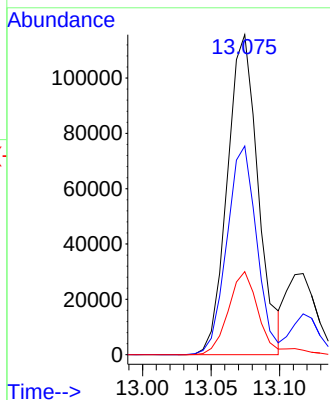
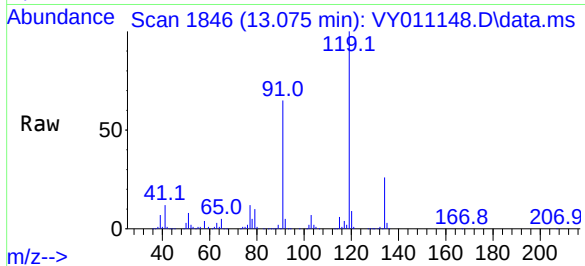




#83
tert-Butylbenzene
Concen: 19.883 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

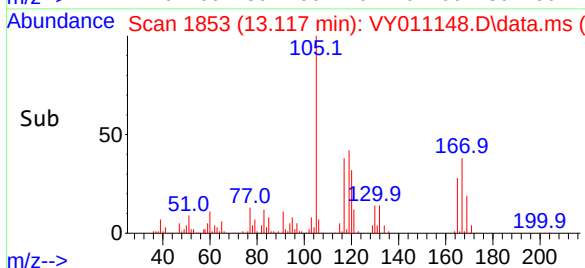
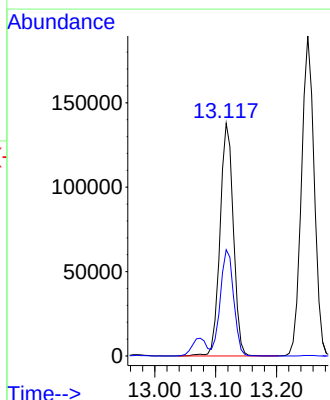
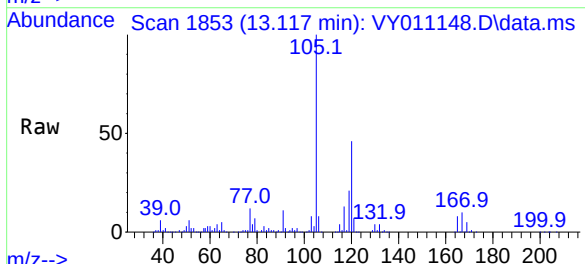
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

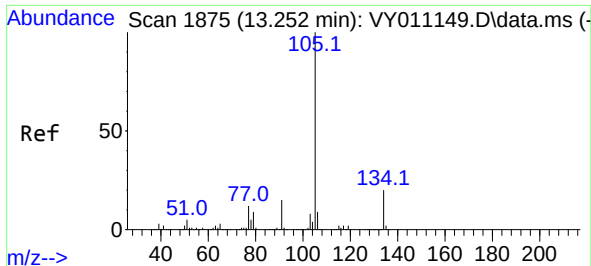
Tgt Ion:119 Resp: 181055
Ion Ratio Lower Upper
119 100
91 63.1 34.8 104.4
134 26.1 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 20.414 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion:105 Resp: 209620
Ion Ratio Lower Upper
105 100
120 45.5 22.3 66.9

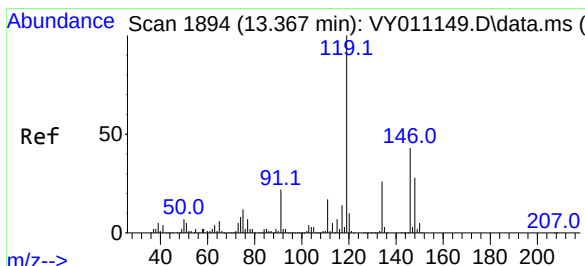
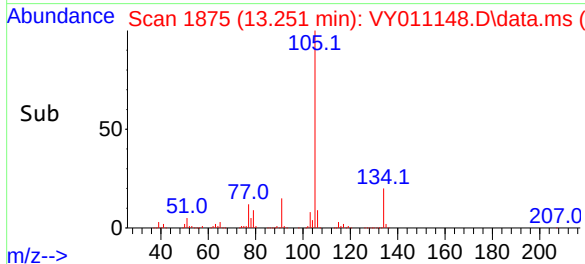
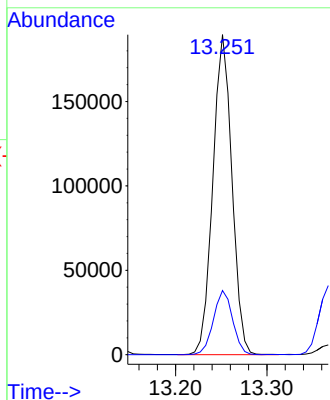
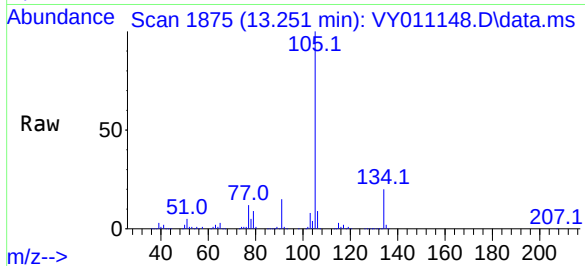




#85
 sec-Butylbenzene
 Concen: 20.214 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY011148.D
 Acq: 28 Oct 2022 10:53

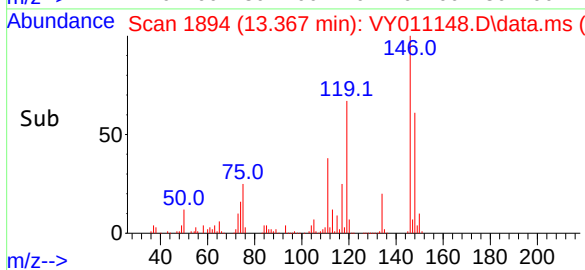
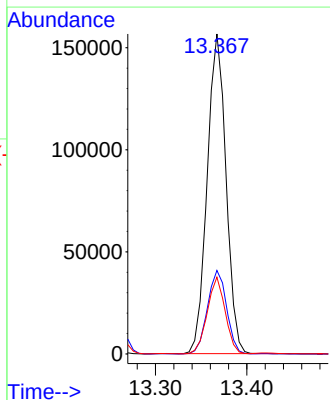
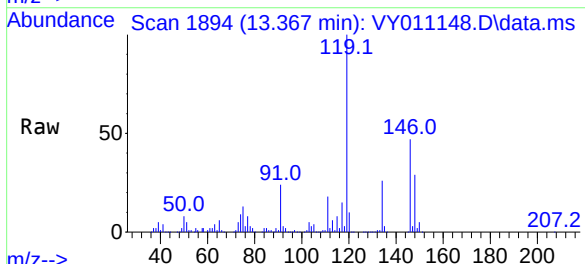
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

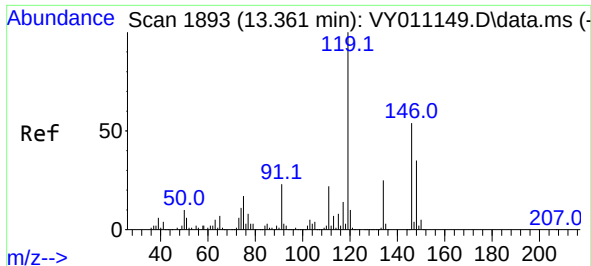
Tgt Ion:105 Resp: 275237
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 20.023 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY011148.D
 Acq: 28 Oct 2022 10:53

Tgt Ion:119 Resp: 223965
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 22.8 12.4 37.2

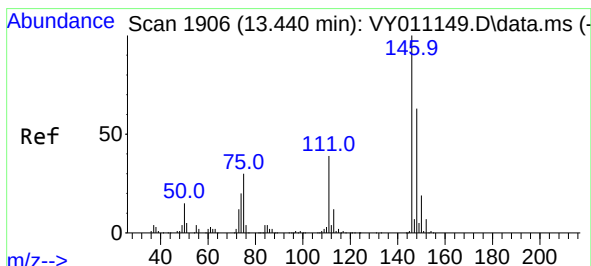
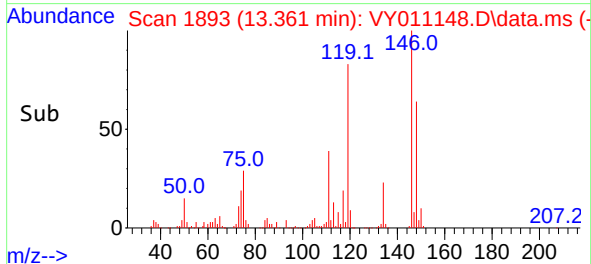
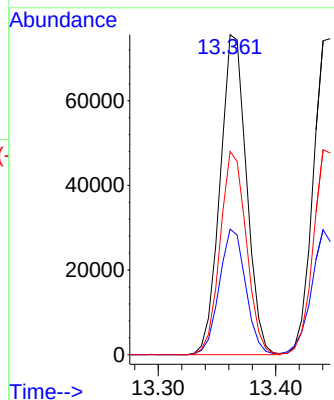
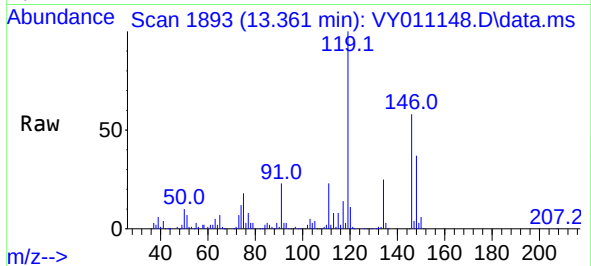




#87
1,3-Dichlorobenzene
Concen: 19.982 ug/l
RT: 13.361 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

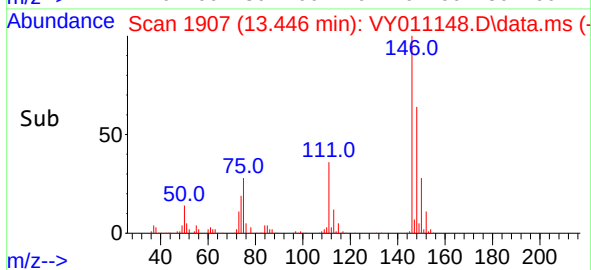
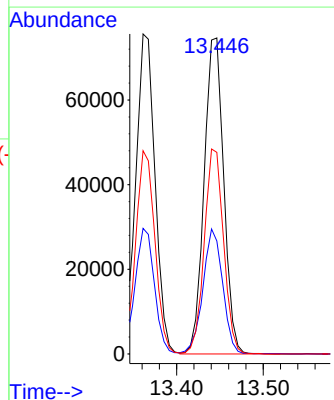
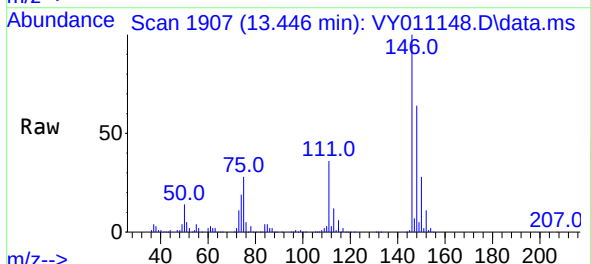
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

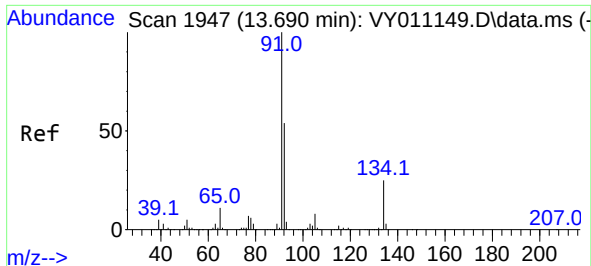
Tgt Ion:146 Resp: 118129
Ion Ratio Lower Upper
146 100
111 39.3 19.5 58.5
148 63.1 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 19.834 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion:146 Resp: 117303
Ion Ratio Lower Upper
146 100
111 39.7 19.3 57.8
148 64.1 32.6 97.8

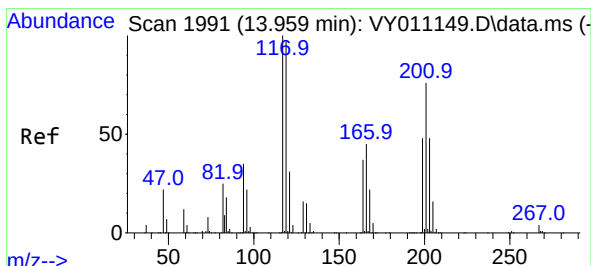
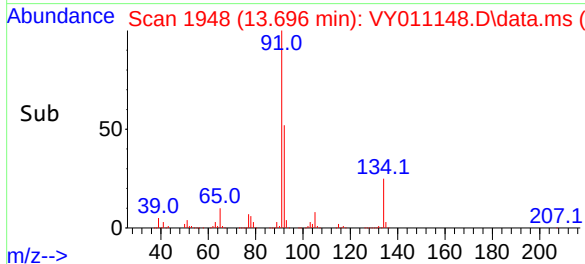
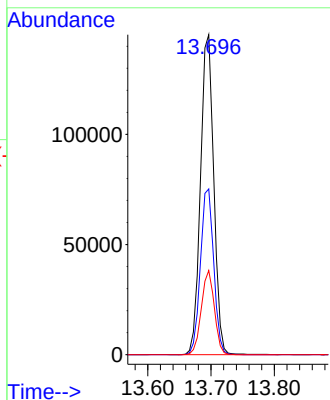
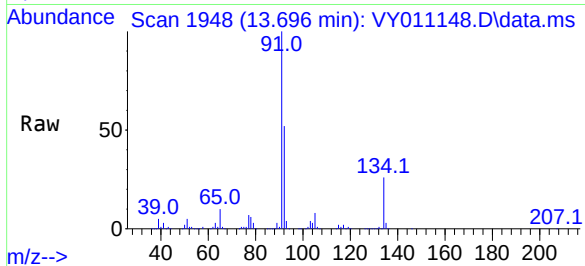




#89
n-Butylbenzene
Concen: 20.349 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

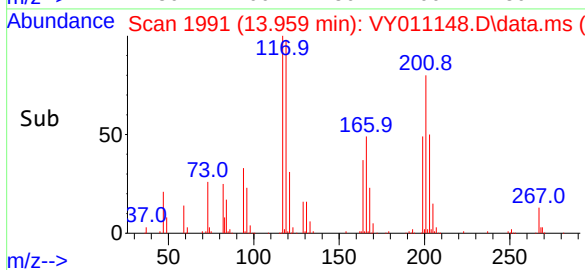
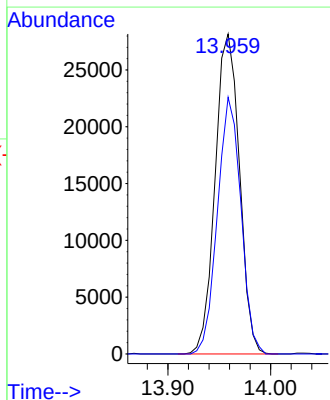
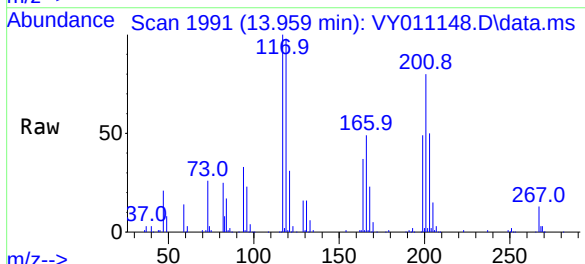
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

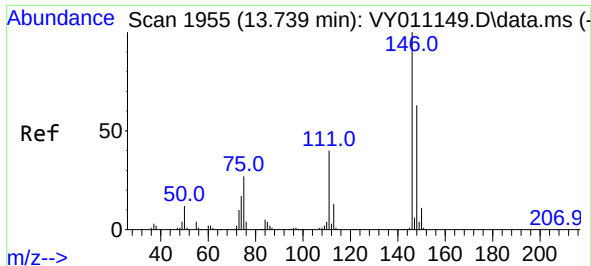
Tgt Ion: 91 Resp: 212611
Ion Ratio Lower Upper
91 100
92 51.9 26.3 78.9
134 25.7 13.0 38.9



#90
Hexachloroethane
Concen: 19.813 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion: 117 Resp: 46298
Ion Ratio Lower Upper
117 100
201 77.3 43.0 128.8

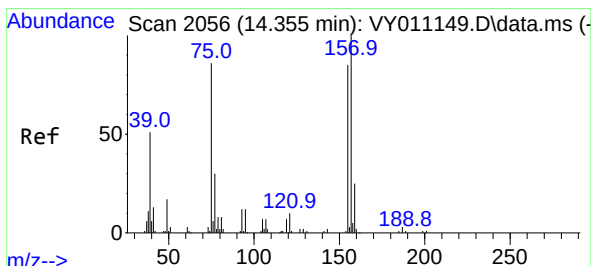
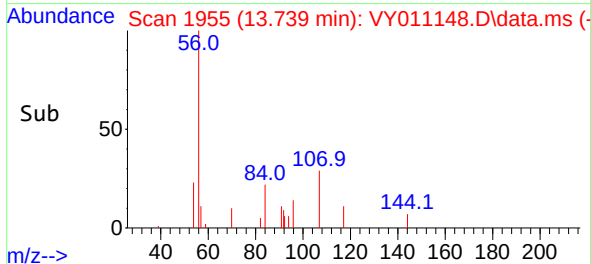
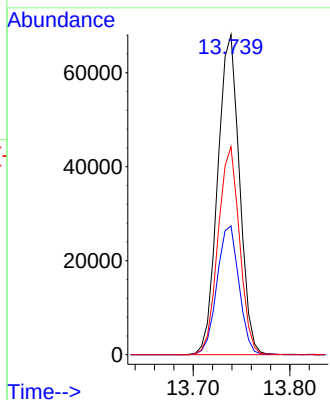
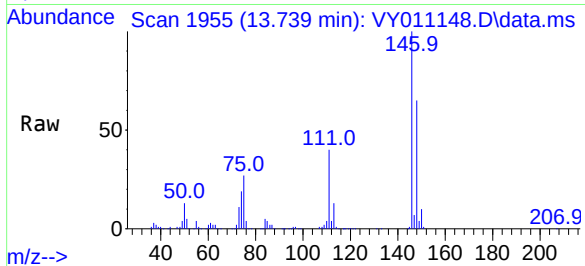




#91
1,2-Dichlorobenzene
Concen: 20.005 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

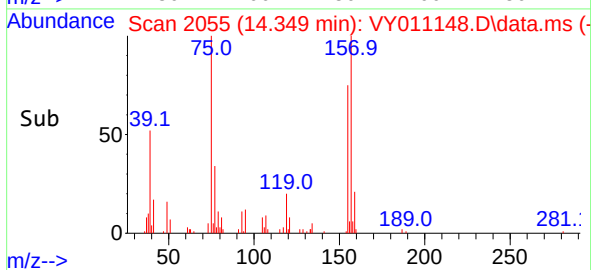
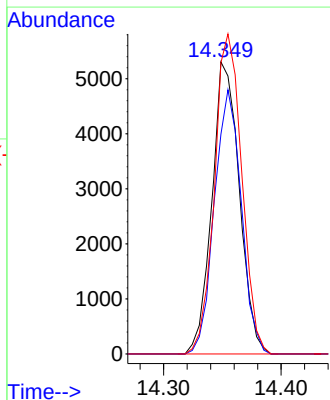
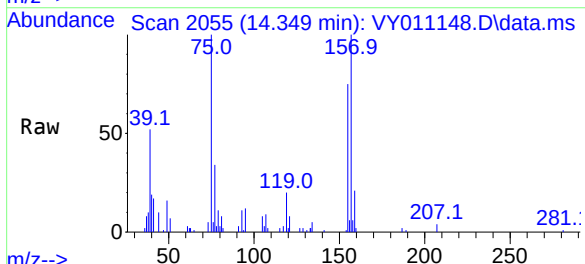
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

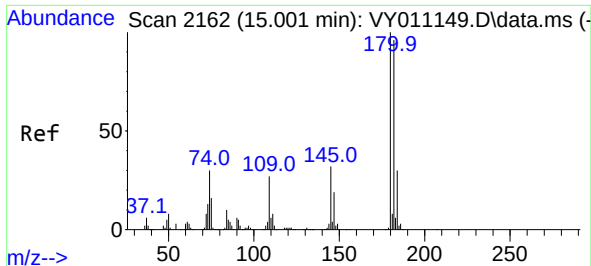
Tgt Ion:146 Resp: 106386
Ion Ratio Lower Upper
146 100
111 40.8 20.3 60.9
148 64.2 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.823 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion: 75 Resp: 8620
Ion Ratio Lower Upper
75 100
155 88.4 38.0 113.9
157 108.9 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 19.400 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY011148.D

Acq: 28 Oct 2022 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

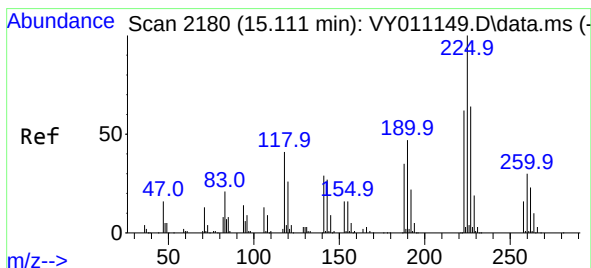
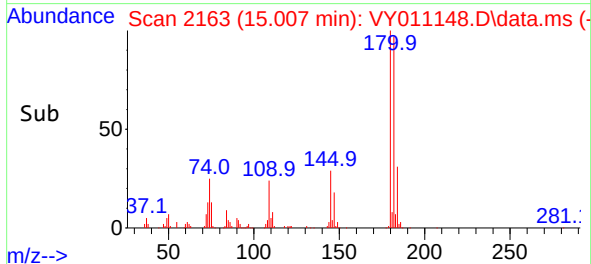
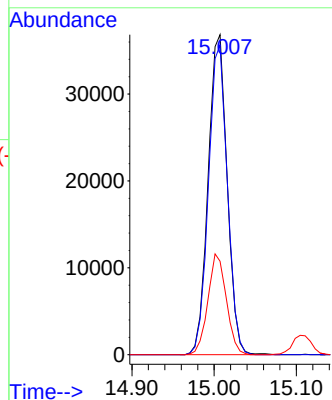
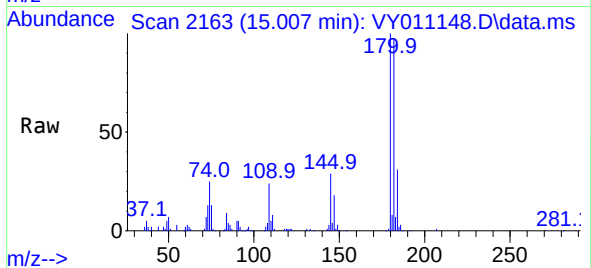
Tgt Ion:180 Resp: 59042

Ion Ratio Lower Upper

180 100

182 96.1 47.3 141.9

145 30.6 14.6 43.8



#94

Hexachlorobutadiene

Concen: 20.041 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY011148.D

Acq: 28 Oct 2022 10:53

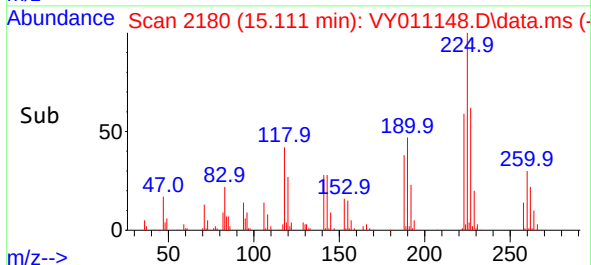
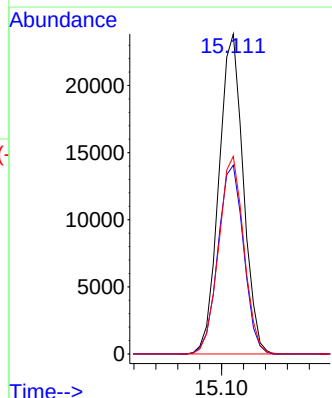
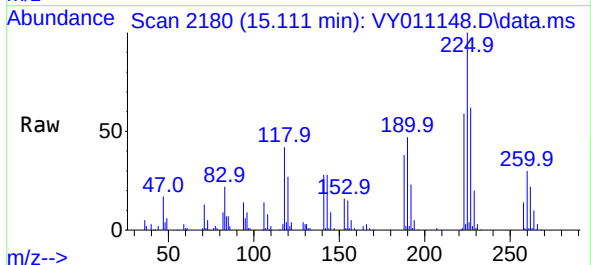
Tgt Ion:225 Resp: 36833

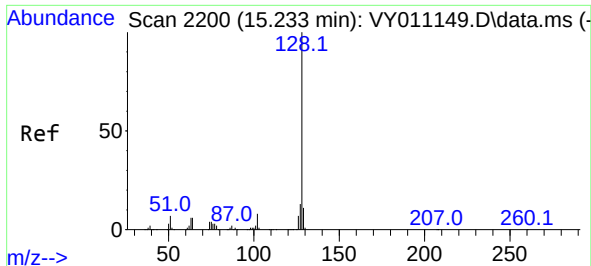
Ion Ratio Lower Upper

225 100

223 61.8 30.8 92.3

227 63.6 31.6 94.7

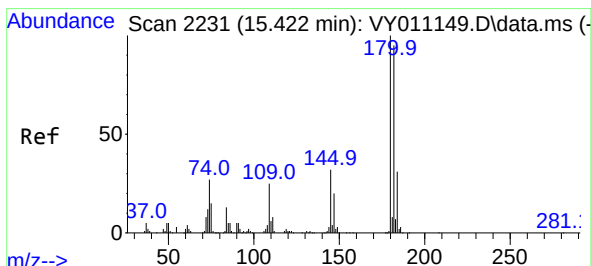
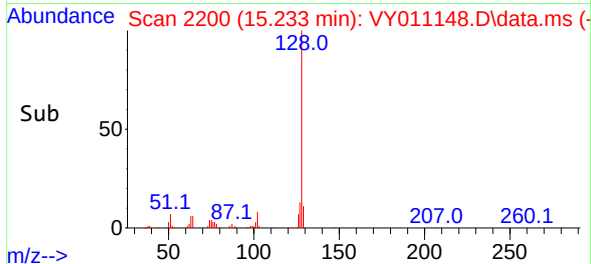
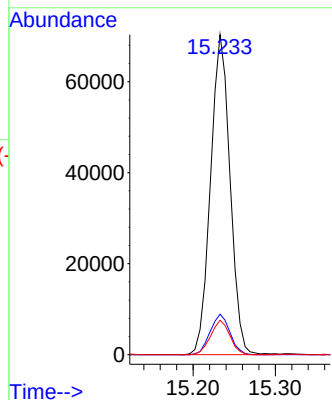
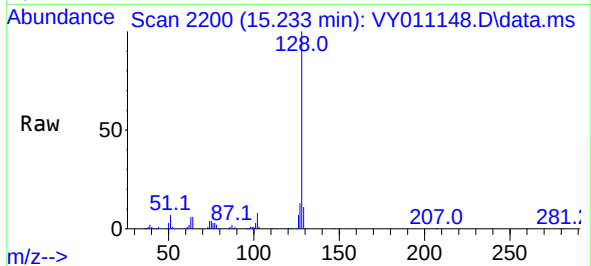




#95
Naphthalene
Concen: 19.026 ug/l
RT: 15.233 min Scan# 211
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 115893
Ion Ratio Lower Upper
128 100
127 12.8 11.0 16.4
129 10.6 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 19.538 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY011148.D
Acq: 28 Oct 2022 10:53

Tgt Ion:180 Resp: 51763
Ion Ratio Lower Upper
180 100
182 93.7 47.3 141.9
145 32.1 15.3 45.9

