

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103122\
 Data File : VY011199.D
 Acq On : 31 Oct 2022 16:03
 Operator : KP/MD
 Sample : VY1031SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1031SBS01

Quant Time: Nov 01 02:44:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	226468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	372389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	339553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	167633	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	119972	51.232	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.460%	
35) Dibromofluoromethane	7.710	113	117572	51.340	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.680%	
50) Toluene-d8	10.179	98	463403	51.078	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.160%	
62) 4-Bromofluorobenzene	12.477	95	159788	53.827	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.660%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	23844	19.573	ug/l	96
3) Chloromethane	2.113	50	30636	18.618	ug/l	98
4) Vinyl Chloride	2.247	62	36668	18.841	ug/l	97
5) Bromomethane	2.637	94	25227	18.938	ug/l	99
6) Chloroethane	2.784	64	25791	19.164	ug/l	99
7) Trichlorofluoromethane	3.119	101	64102	20.026	ug/l	95
8) Diethyl Ether	3.527	74	23257	20.169	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.893	101	41500	20.529	ug/l	94
10) Methyl Iodide	4.088	142	39934	18.032	ug/l	91
11) Tert butyl alcohol	4.948	59	29384	127.598	ug/l	99
12) 1,1-Dichloroethene	3.869	96	36628	20.133	ug/l	82
13) Acrolein	3.729	56	18990	123.384	ug/l	100
14) Allyl chloride	4.478	41	58761	20.802	ug/l #	85
15) Acrylonitrile	5.161	53	66345	104.268	ug/l	97
16) Acetone	3.942	43	60958	106.392	ug/l #	85
17) Carbon Disulfide	4.192	76	84228	18.100	ug/l	99
18) Methyl Acetate	4.478	43	38570	24.282	ug/l #	89
19) Methyl tert-butyl Ether	5.222	73	111167	20.702	ug/l	98
20) Methylene Chloride	4.710	84	76033	29.364	ug/l	85
21) trans-1,2-Dichloroethene	5.216	96	40973	19.643	ug/l	88
22) Diisopropyl ether	6.112	45	141987	21.863	ug/l	94
23) Vinyl Acetate	6.057	43	382483	103.592	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	83508	20.812	ug/l	99
25) 2-Butanone	6.984	43	86057	104.781	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	75089	20.940	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	51230	20.272	ug/l	89
28) Bromochloromethane	7.332	49	36741	20.054	ug/l	90
29) Tetrahydrofuran	7.344	42	51840	105.938	ug/l	88
30) Chloroform	7.502	83	88078	20.909	ug/l	99
31) Cyclohexane	7.783	56	64512	20.059	ug/l #	86
32) 1,1,1-Trichloroethane	7.697	97	74298	20.730	ug/l	96
36) 1,1-Dichloropropene	7.917	75	60043	20.112	ug/l	99
37) Ethyl Acetate	7.069	43	34885	20.652	ug/l #	92
38) Carbon Tetrachloride	7.899	117	66298	20.388	ug/l	99
39) Methylcyclohexane	9.179	83	65589	19.689	ug/l	95
40) Benzene	8.155	78	182488	20.417	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	47934	54.301	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	53124	20.890	ug/l	92
43) Isopropyl Acetate	8.270	43	62645	20.799	ug/l #	89
44) Trichloroethene	8.935	130	47282	19.682	ug/l	93
45) 1,2-Dichloropropane	9.215	63	48749	20.720	ug/l	97
46) Dibromomethane	9.301	93	26364	20.045	ug/l	94
47) Bromodichloromethane	9.496	83	67308	20.709	ug/l	100
48) Methyl methacrylate	9.289	41	27188	20.251	ug/l #	79
49) 1,4-Dioxane	9.295	88	7567	416.849	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	183759	108.207	ug/l #	88
52) Toluene	10.240	92	115951	20.725	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	66649	20.452	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	76091	20.600	ug/l #	81
55) 1,1,2-Trichloroethane	10.642	97	41043	20.966	ug/l	97
56) Ethyl methacrylate	10.508	69	51591	20.941	ug/l #	76
57) 1,3-Dichloropropane	10.788	76	68547	20.978	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	79498	84.730	ug/l	98
59) 2-Hexanone	10.831	43	126314	107.775	ug/l	86
60) Dibromochloromethane	10.983	129	48122	20.789	ug/l	100
61) 1,2-Dibromoethane	11.087	107	36788	20.703	ug/l	99
64) Tetrachloroethene	10.715	164	46550	19.869	ug/l	98
65) Chlorobenzene	11.514	112	126175	20.180	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	49845	20.546	ug/l	97
67) Ethyl Benzene	11.593	91	220247	20.164	ug/l	98
68) m/p-Xylenes	11.703	106	170883	41.049	ug/l	96
69) o-Xylene	12.026	106	80672	20.318	ug/l	94
70) Styrene	12.044	104	142120	20.945	ug/l	96
71) Bromoform	12.203	173	30657	20.623	ug/l #	98
73) Isopropylbenzene	12.325	105	220623	20.157	ug/l	99
74) N-amyl acetate	12.142	43	55830	20.780	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	48959	20.503	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	63636	36.513	ug/l #	100
77) Bromobenzene	12.605	156	50650	19.676	ug/l	96
78) n-propylbenzene	12.672	91	273025	20.513	ug/l	99
79) 2-Chlorotoluene	12.751	91	154645	20.314	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	189203	20.517	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	16628	20.262	ug/l	86
82) 4-Chlorotoluene	12.855	91	162065	20.522	ug/l	99
83) tert-Butylbenzene	13.074	119	163138	20.266	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	188074	20.719	ug/l	100
85) sec-Butylbenzene	13.251	105	246878	20.511	ug/l	99
86) p-Isopropyltoluene	13.367	119	201382	20.366	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	104315	19.961	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	102567	19.618	ug/l	98
89) n-Butylbenzene	13.696	91	190464	20.622	ug/l	99
90) Hexachloroethane	13.958	117	42380	20.517	ug/l	86
91) 1,2-Dichlorobenzene	13.733	146	93647	19.920	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8191	21.308	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	52406	19.479	ug/l	99
94) Hexachlorobutadiene	15.111	225	32801	20.189	ug/l	98
95) Naphthalene	15.233	128	101928	19.807	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	45335	19.358	ug/l	97

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

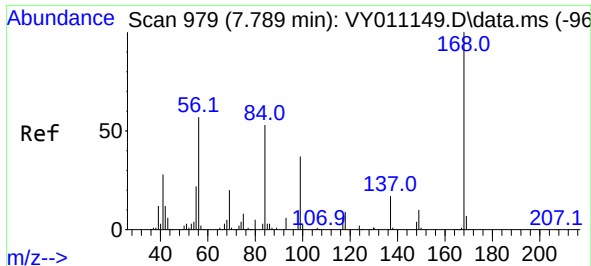
Quant Time: Nov 01 02:44:39 2022
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Quant Title : SW846 8260
QLast Update : Fri Oct 28 23:42:14 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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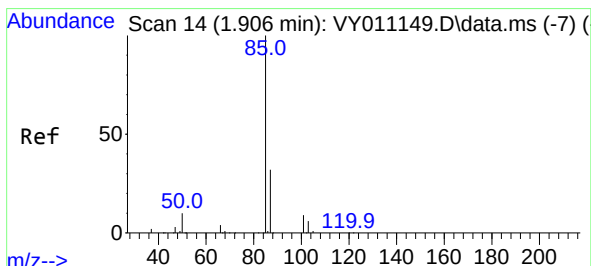
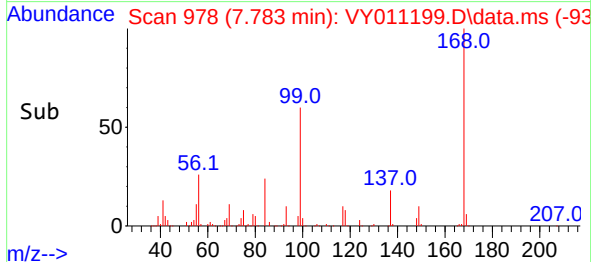
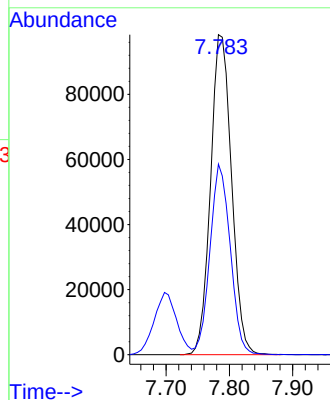
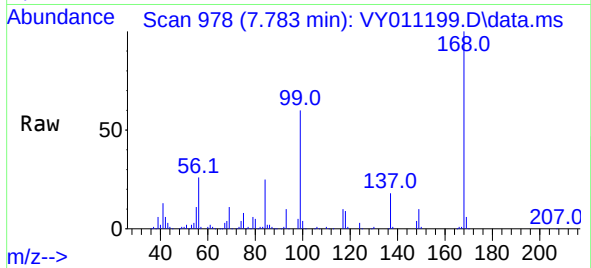




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

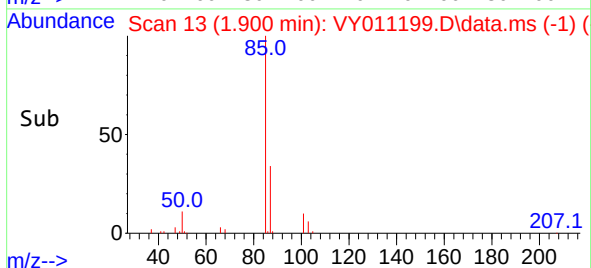
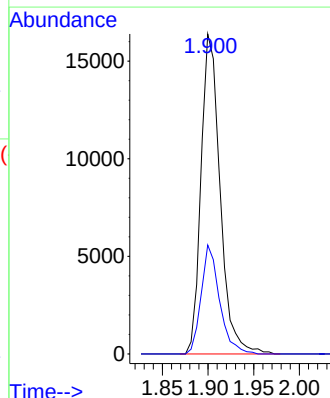
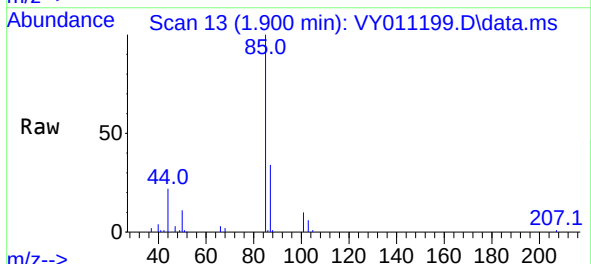
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

Tgt Ion:168 Resp: 226468
Ion Ratio Lower Upper
168 100
99 59.4 46.9 70.3

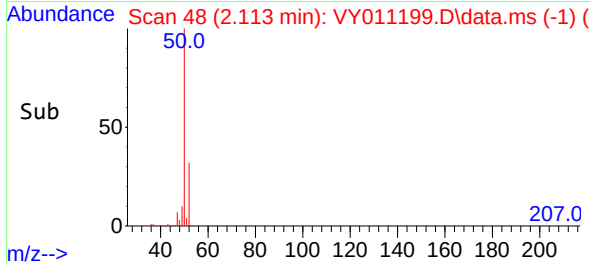
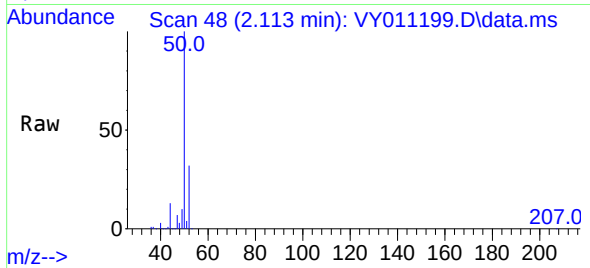
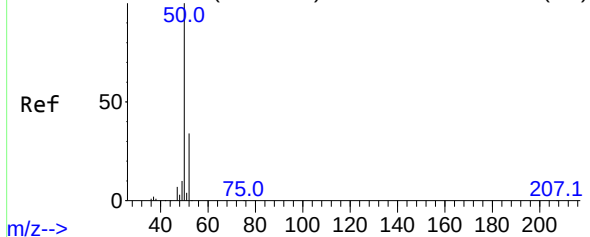


#2
Dichlorodifluoromethane
Concen: 19.573 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Tgt Ion: 85 Resp: 23844
Ion Ratio Lower Upper
85 100
87 34.1 16.1 48.2



Abundance Scan 48 (2.113 min): VY011149.D\data.ms (-41)



#3

Chloromethane

Concen: 18.618 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY011199.D

Acq: 31 Oct 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

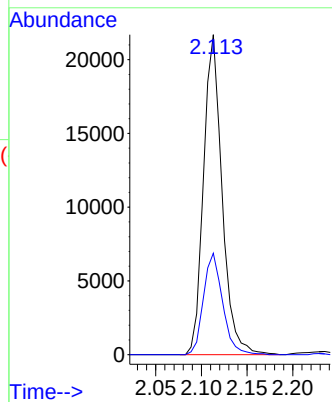
VY1031SBS01

Tgt Ion: 50 Resp: 30636

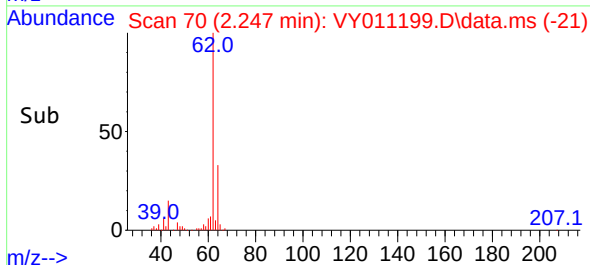
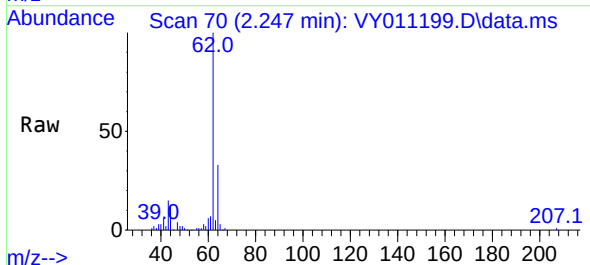
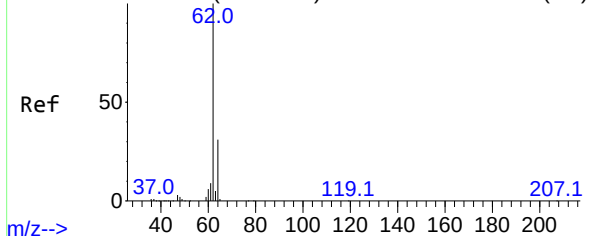
Ion Ratio Lower Upper

50 100

52 31.7 24.6 37.0



Abundance Scan 70 (2.247 min): VY011149.D\data.ms (-63)



#4

Vinyl Chloride

Concen: 18.841 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY011199.D

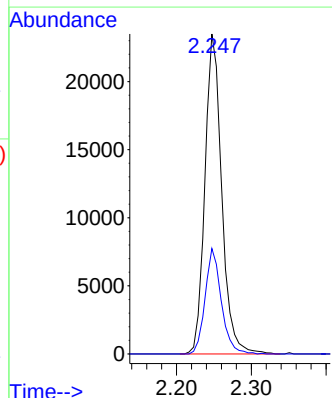
Acq: 31 Oct 2022 16:03

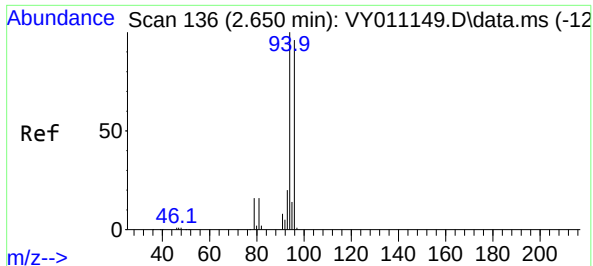
Tgt Ion: 62 Resp: 36668

Ion Ratio Lower Upper

62 100

64 32.9 25.0 37.6

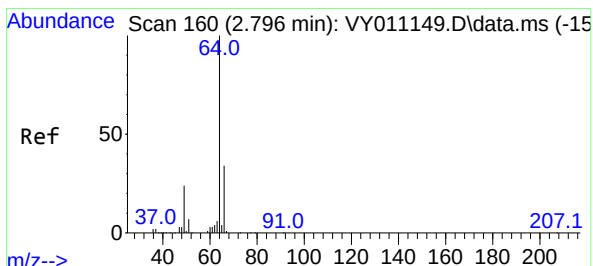
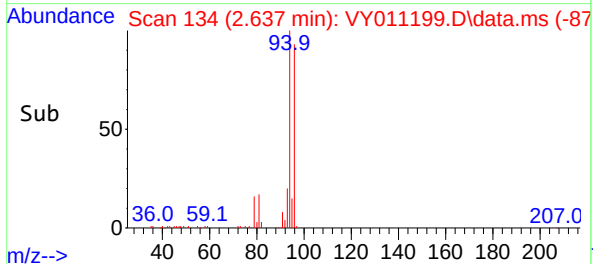
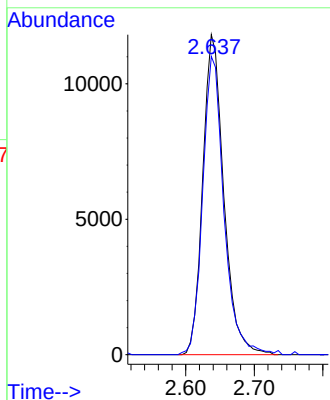
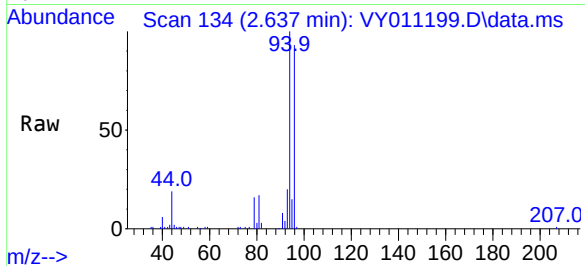




#5
Bromomethane
Concen: 18.938 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

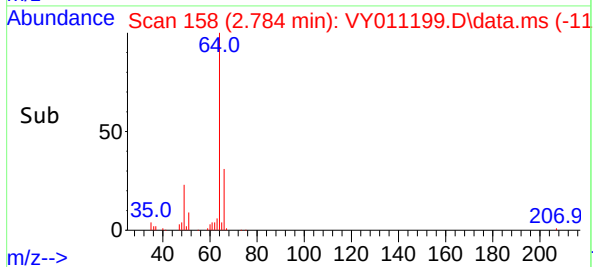
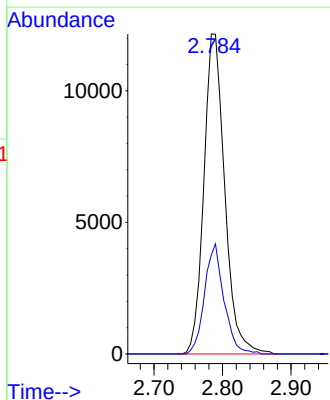
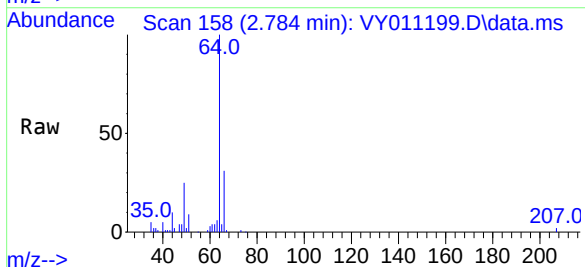
Instrument :
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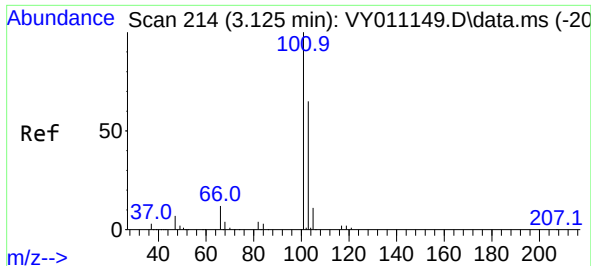
Tgt Ion: 94 Resp: 25227
Ion Ratio Lower Upper
94 100
96 93.2 73.5 110.3



#6
Chloroethane
Concen: 19.164 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Tgt Ion: 64 Resp: 25791
Ion Ratio Lower Upper
64 100
66 31.0 25.4 38.0

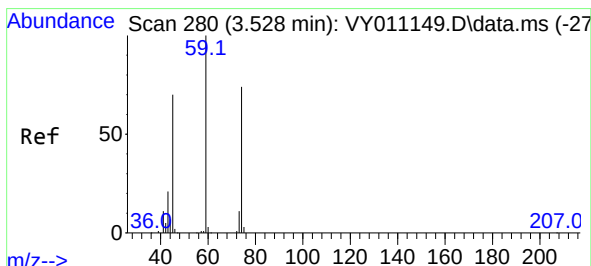
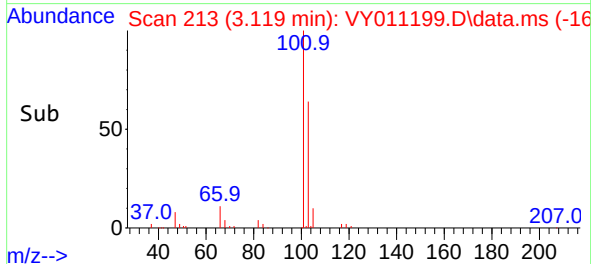
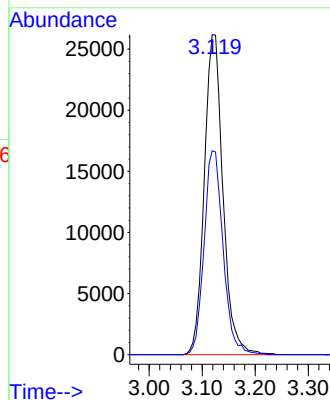
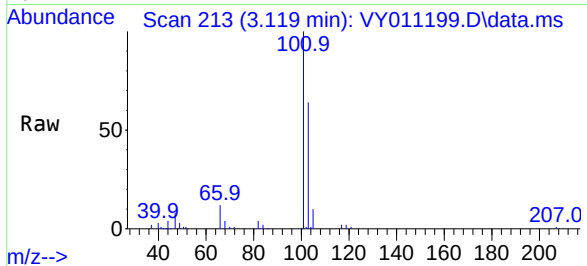




#7
Trichlorofluoromethane
Concen: 20.026 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

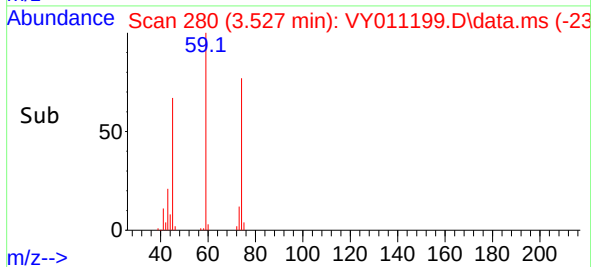
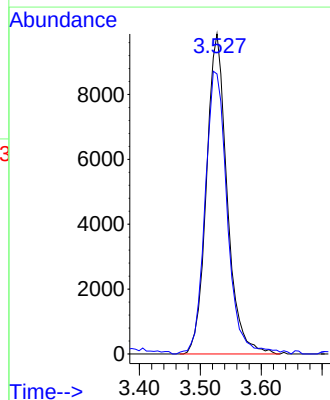
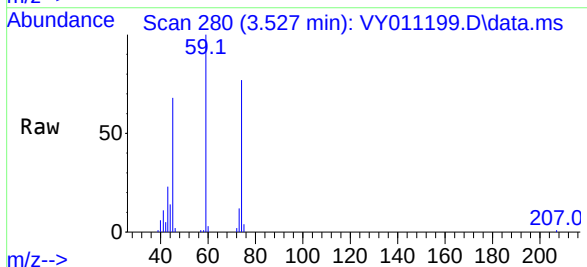
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

Tgt Ion:101 Resp: 64102
Ion Ratio Lower Upper
101 100
103 63.7 48.0 72.0

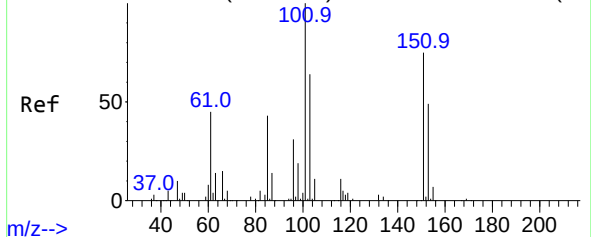


#8
Diethyl Ether
Concen: 20.169 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.001 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

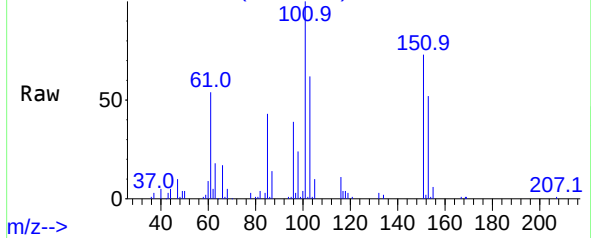
Tgt Ion: 74 Resp: 23257
Ion Ratio Lower Upper
74 100
45 94.9 55.1 165.5



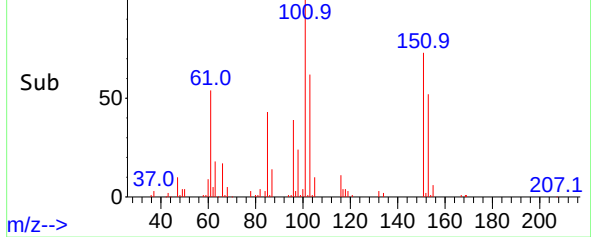
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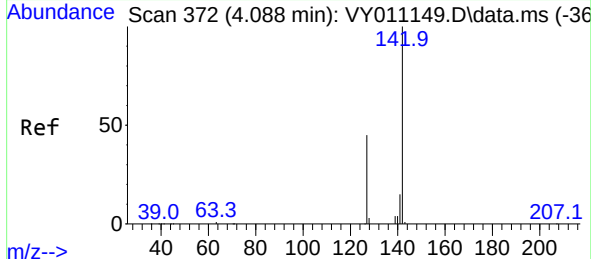
m/z--> Scan 340 (3.893 min): VY011199.D\data.ms



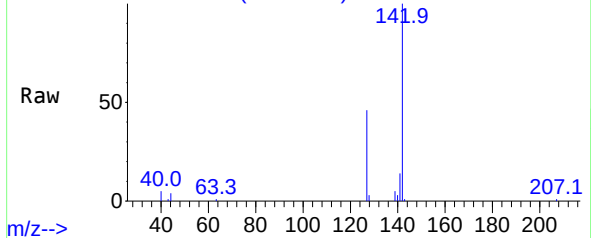
Abundance Scan 340 (3.893 min): VY011199.D\data.ms (-29



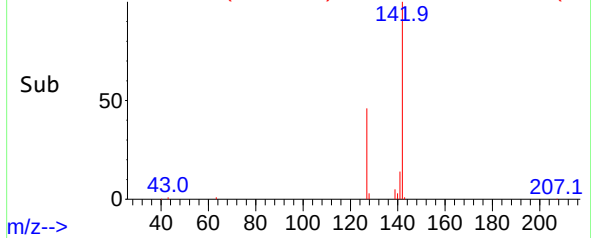
m/z--> Scan 372 (4.088 min): VY011149.D\data.ms (-36



m/z--> Scan 372 (4.088 min): VY011199.D\data.ms



Abundance Scan 372 (4.088 min): VY011199.D\data.ms (-32

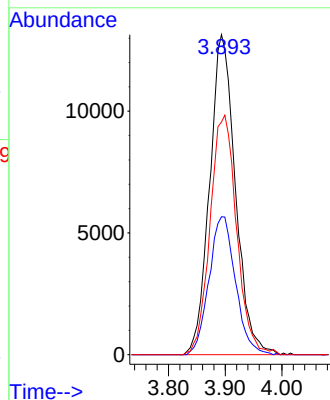


m/z--> Scan 341 (3.900 min): VY011149.D\data.ms (-32

#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.529 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.007 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

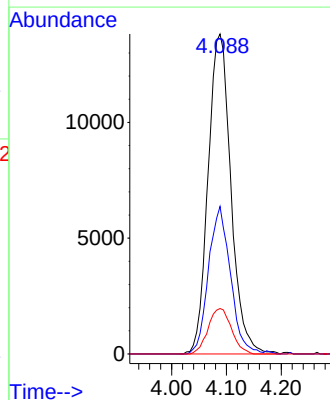
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

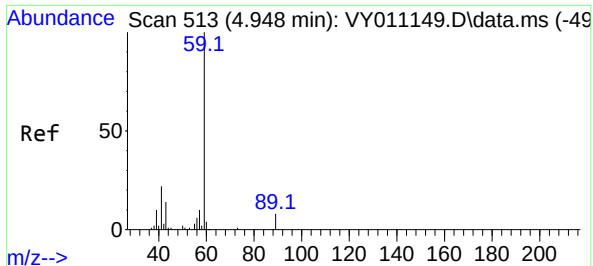
Tgt Ion:	101	Resp:	41500
Ion	Ratio	Lower	Upper
101	100		
85	44.3	40.6	60.8
151	77.0	64.9	97.3



#10
Methyl Iodide
Concen: 18.032 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Tgt Ion:	142	Resp:	39934
Ion	Ratio	Lower	Upper
142	100		
127	44.3	41.5	62.3
141	14.5	11.9	17.9





#11

Tert butyl alcohol

Concen: 127.598 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY011199.D

Acq: 31 Oct 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

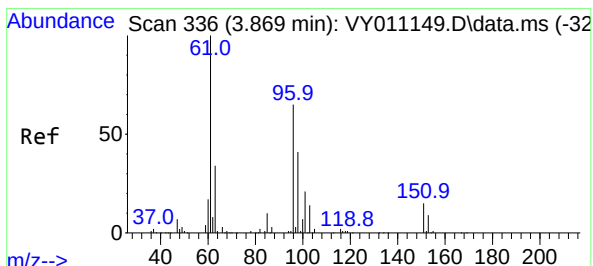
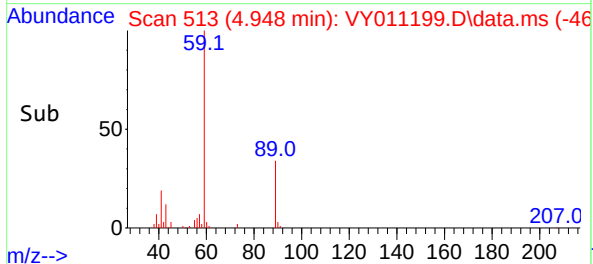
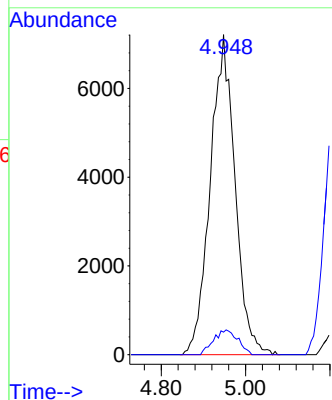
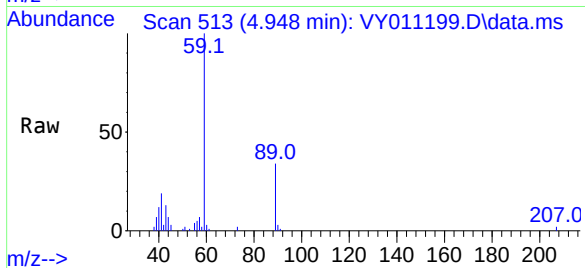
VY1031SBS01

Tgt Ion: 59 Resp: 29384

Ion Ratio Lower Upper

59 100

57 7.6 6.4 9.6



#12

1,1-Dichloroethene

Concen: 20.133 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.000 min

Lab File: VY011199.D

Acq: 31 Oct 2022 16:03

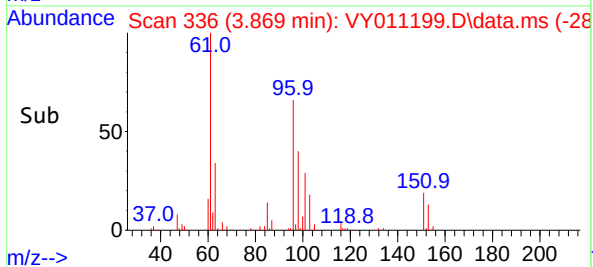
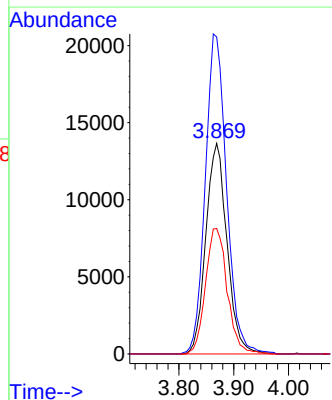
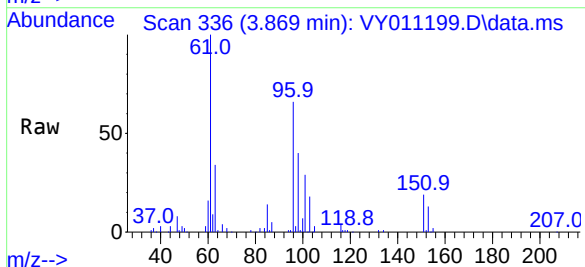
Tgt Ion: 96 Resp: 36628

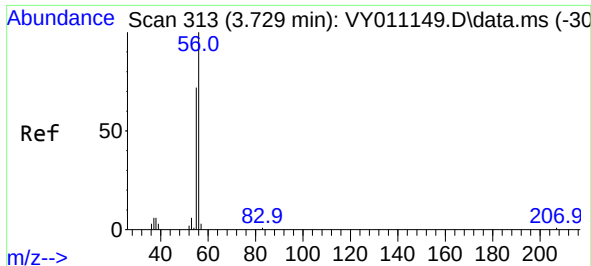
Ion Ratio Lower Upper

96 100

61 150.5 145.8 218.6

98 59.6 52.5 78.7

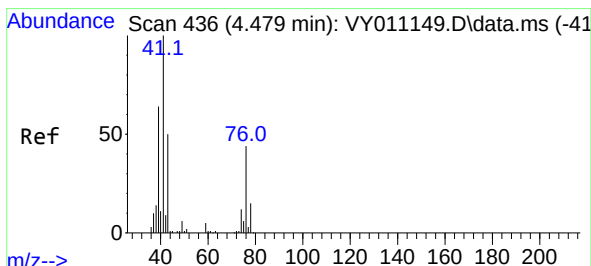
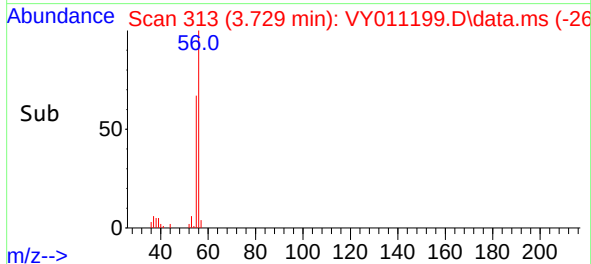
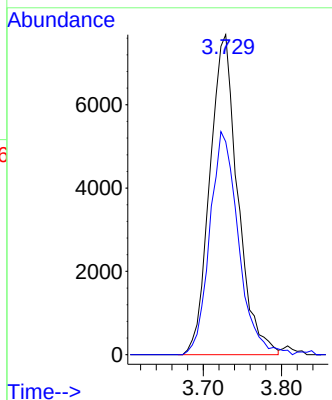
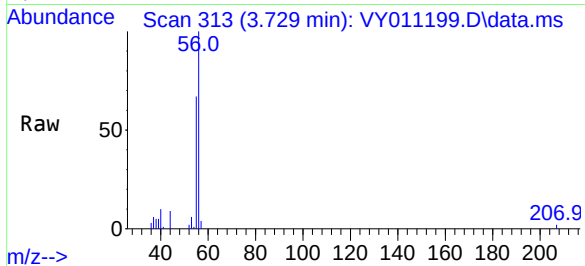




#13
Acrolein
Concen: 123.384 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

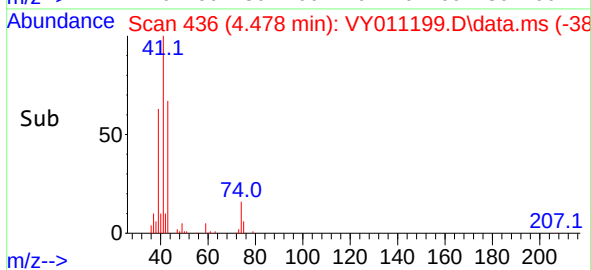
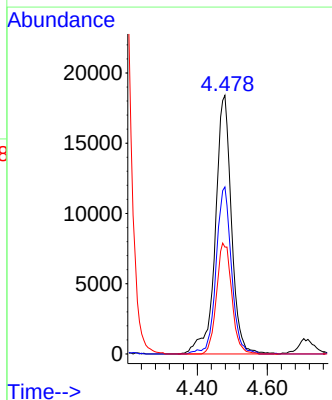
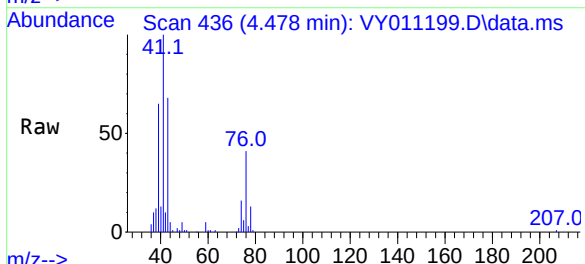
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

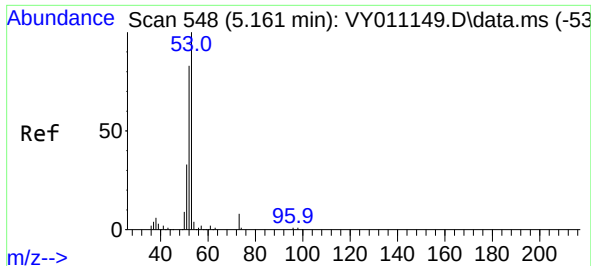
Tgt Ion: 56 Resp: 18990
Ion Ratio Lower Upper
56 100
55 71.6 57.6 86.4



#14
Allyl chloride
Concen: 20.802 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.001 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Tgt Ion: 41 Resp: 58761
Ion Ratio Lower Upper
41 100
39 61.6 58.8 88.2
76 40.5 25.1 37.7#





#15

Acrylonitrile

Concen: 104.268 ug/l

RT: 5.161 min Scan# 548

Delta R.T. 0.000 min

Lab File: VY011199.D

Acq: 31 Oct 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBS01

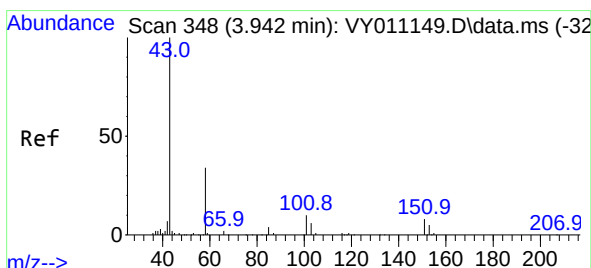
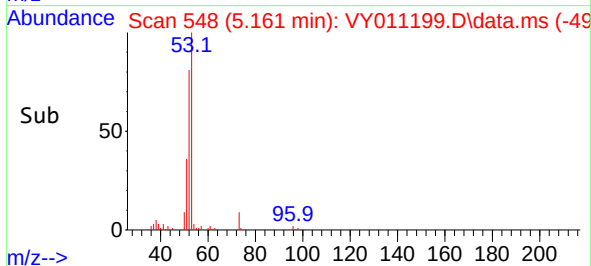
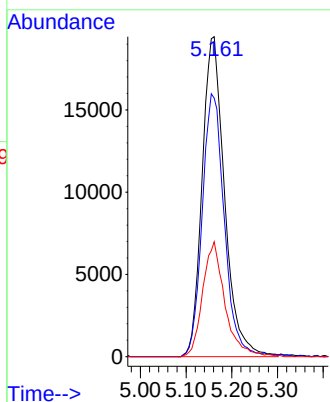
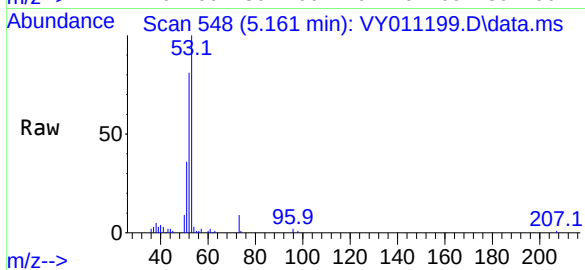
Tgt Ion: 53 Resp: 66345

Ion Ratio Lower Upper

53 100

52 81.2 67.0 100.4

51 35.7 29.8 44.6



#16

Acetone

Concen: 106.392 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.000 min

Lab File: VY011199.D

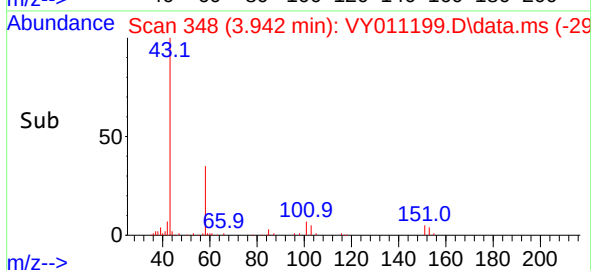
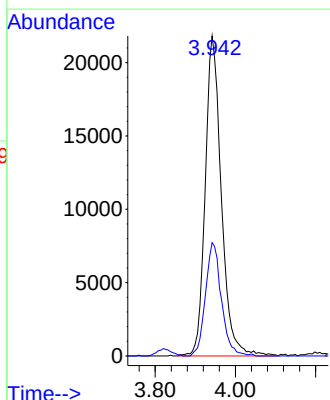
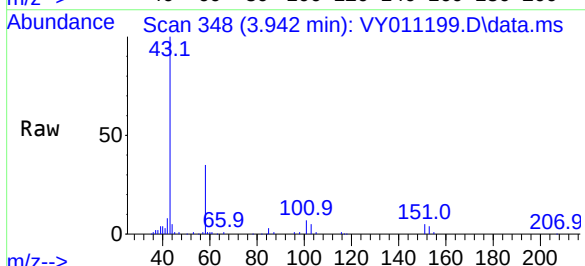
Acq: 31 Oct 2022 16:03

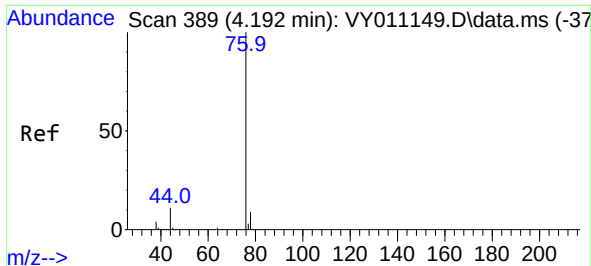
Tgt Ion: 43 Resp: 60958

Ion Ratio Lower Upper

43 100

58 35.4 22.0 33.0#

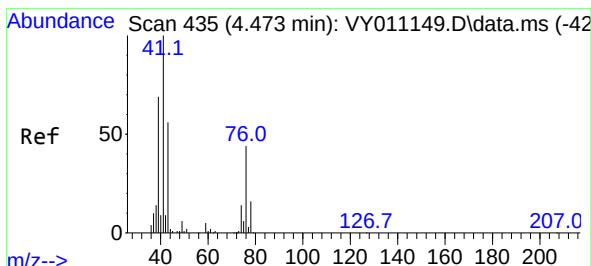
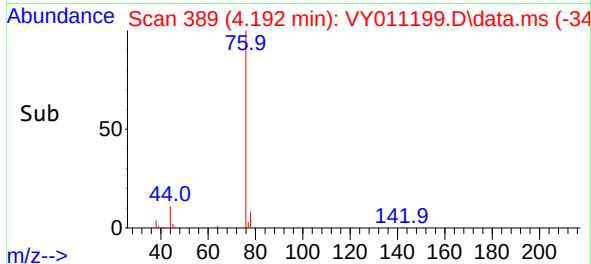
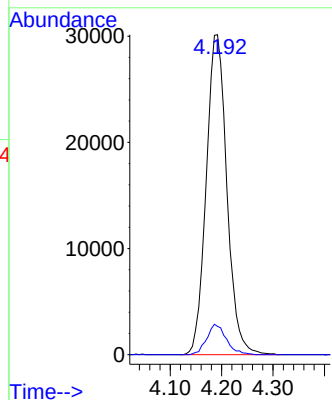
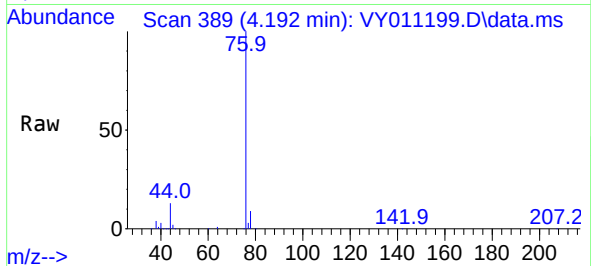




#17
Carbon Disulfide
Concen: 18.100 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

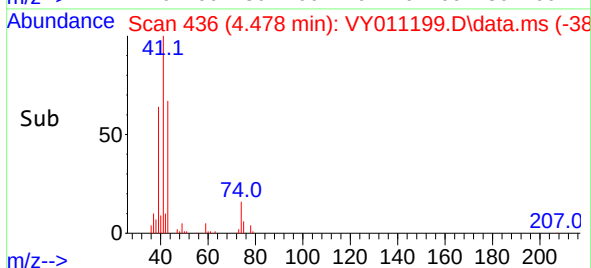
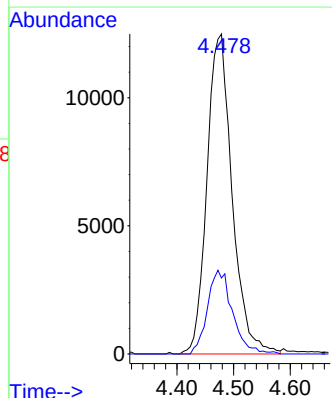
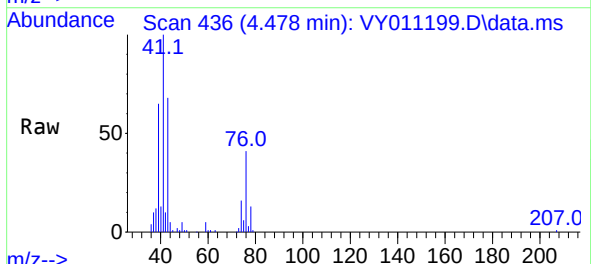
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

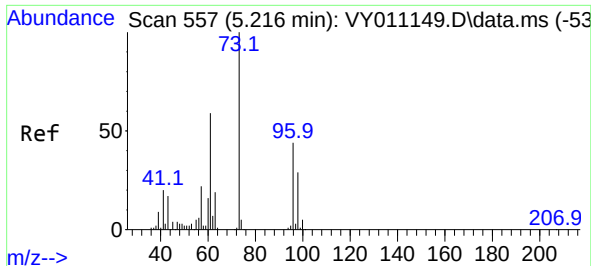
Tgt Ion: 76 Resp: 84228
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 24.282 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Tgt Ion: 43 Resp: 38570
Ion Ratio Lower Upper
43 100
74 26.0 16.6 24.8#

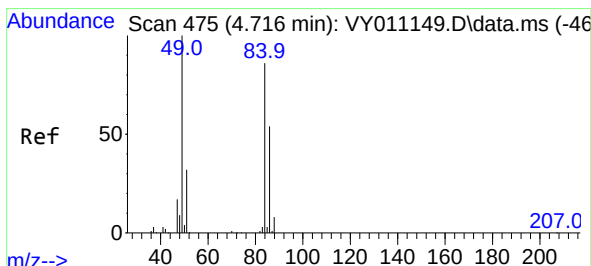
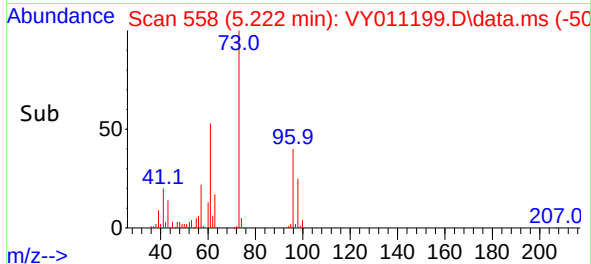
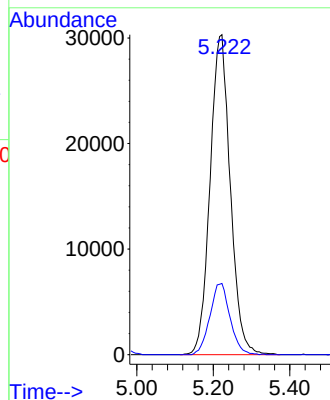
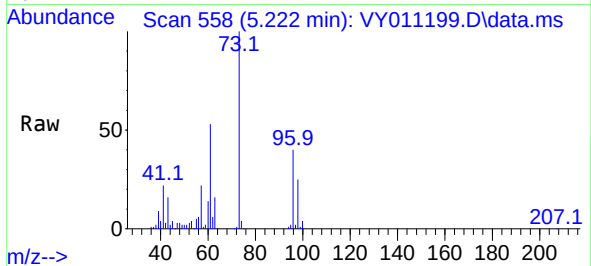




#19
Methyl tert-butyl Ether
Concen: 20.702 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

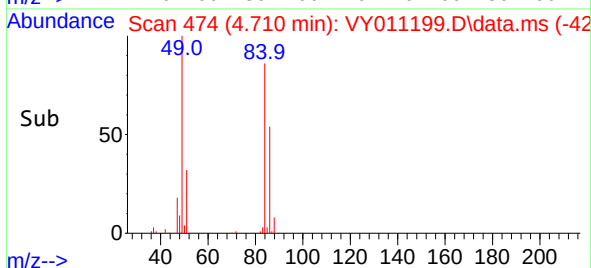
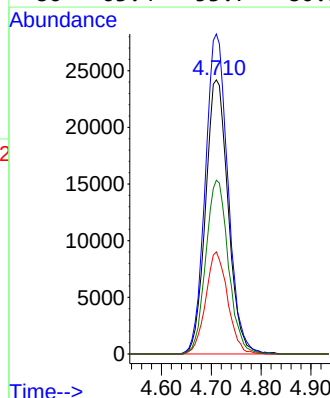
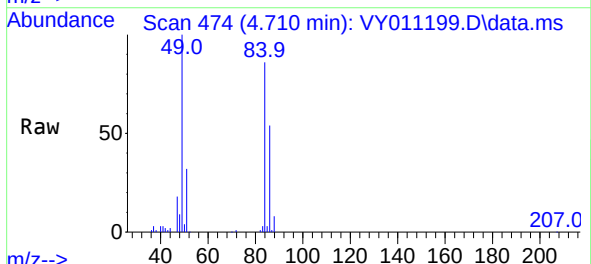
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

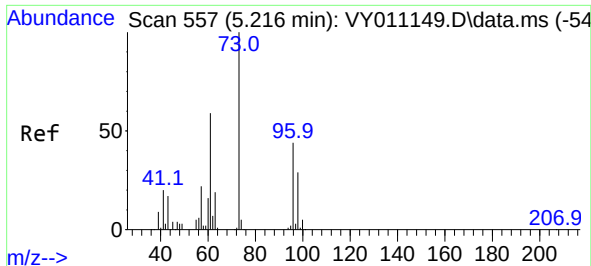
Tgt Ion: 73 Resp: 111167
Ion Ratio Lower Upper
73 100
57 22.3 18.6 27.8



#20
Methylene Chloride
Concen: 29.364 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Tgt Ion: 84 Resp: 76033
Ion Ratio Lower Upper
84 100
49 116.7 114.4 171.6
51 37.2 35.3 52.9
86 63.4 53.7 80.5

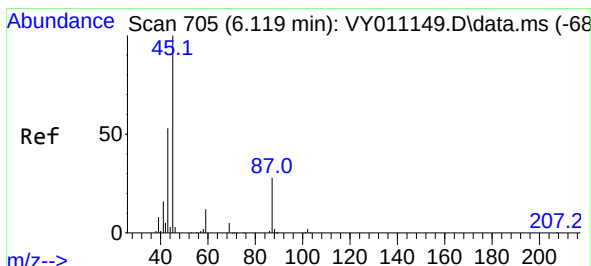
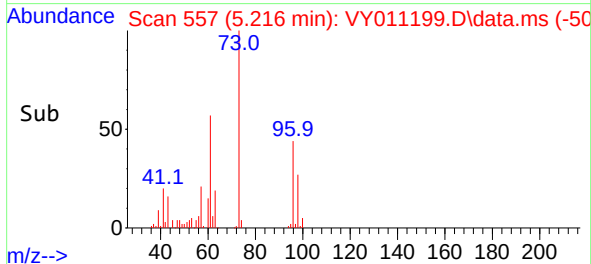
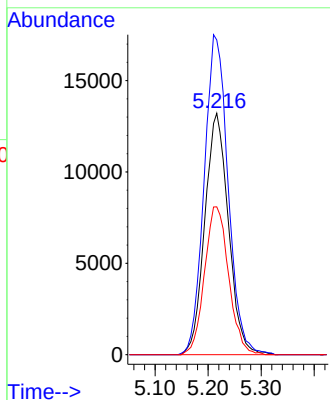
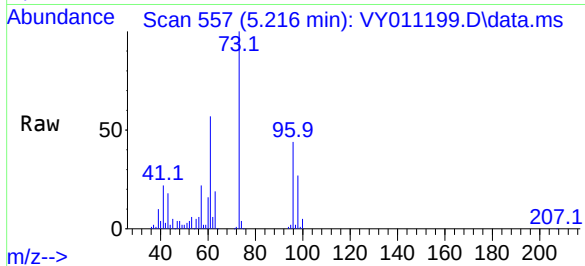




#21
trans-1,2-Dichloroethene
Concen: 19.643 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

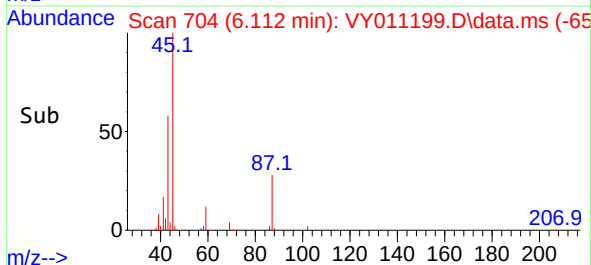
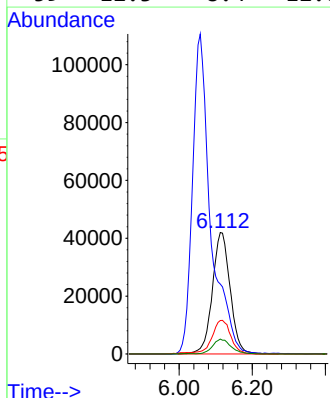
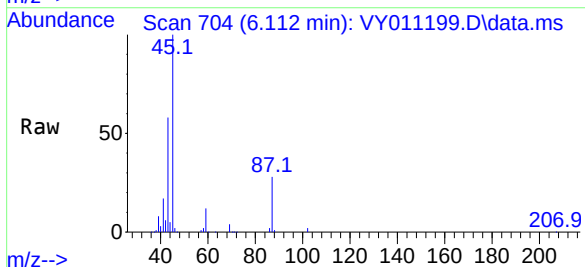
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

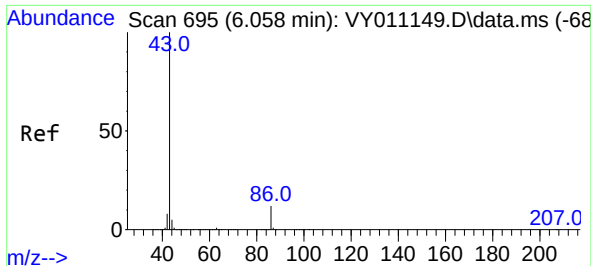
Tgt Ion: 96 Resp: 40973
Ion Ratio Lower Upper
96 100
61 130.4 120.5 180.7
98 61.2 49.8 74.8



#22
Diisopropyl ether
Concen: 21.863 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.007 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Tgt Ion: 45 Resp: 141987
Ion Ratio Lower Upper
45 100
43 57.0 49.3 73.9
87 27.6 19.2 28.8
59 12.3 8.4 12.6

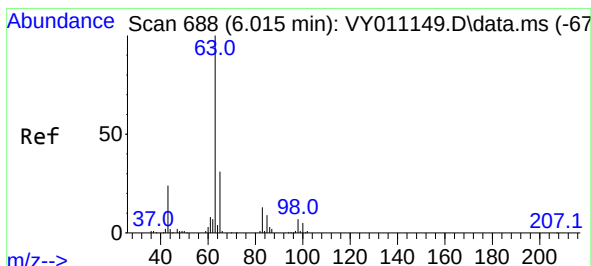
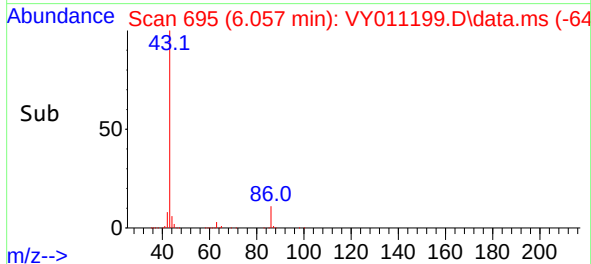
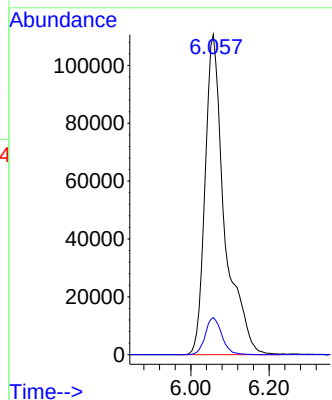
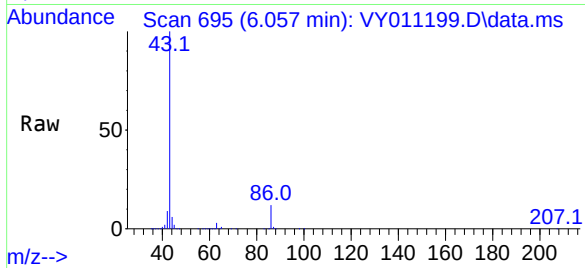




#23
 Vinyl Acetate
 Concen: 103.592 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: VY011199.D
 Acq: 31 Oct 2022 16:03

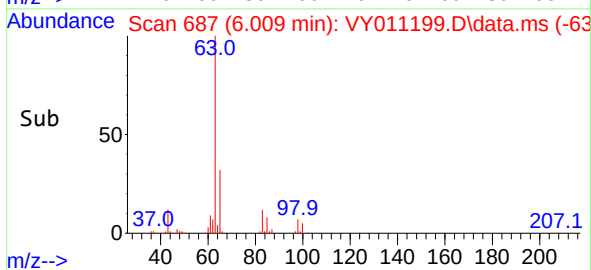
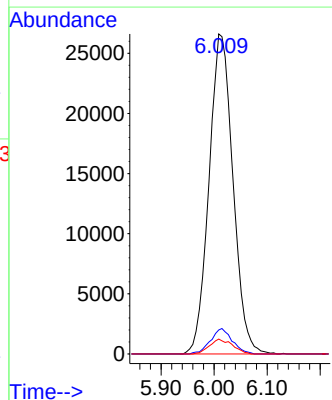
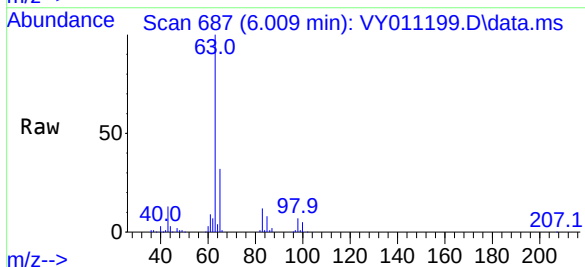
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1031SBS01

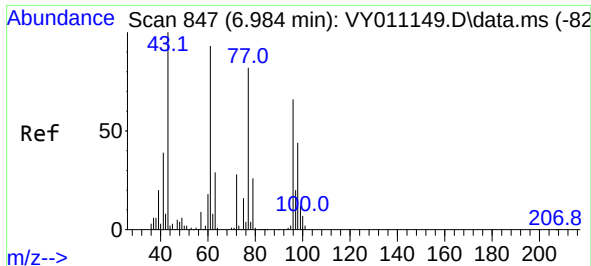
Tgt Ion: 43 Resp: 382483
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 20.812 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY011199.D
 Acq: 31 Oct 2022 16:03

Tgt Ion: 63 Resp: 83508
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 4.7 2.0 5.8

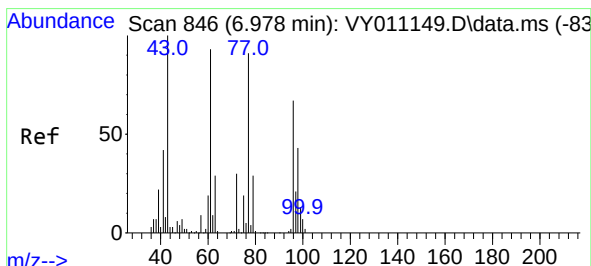
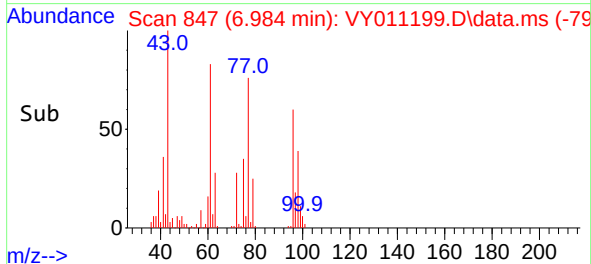
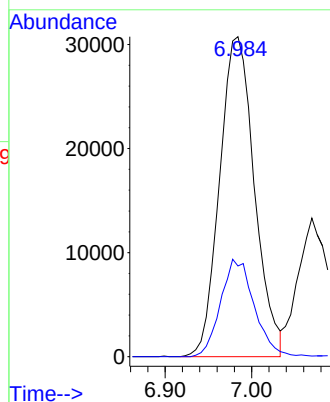
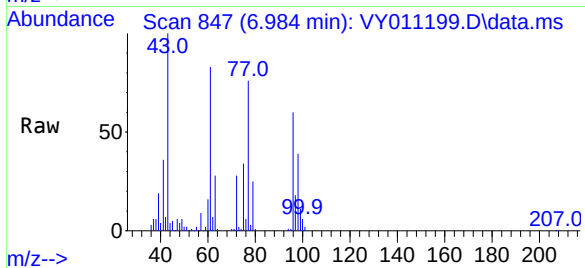




#25
2-Butanone
Concen: 104.781 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

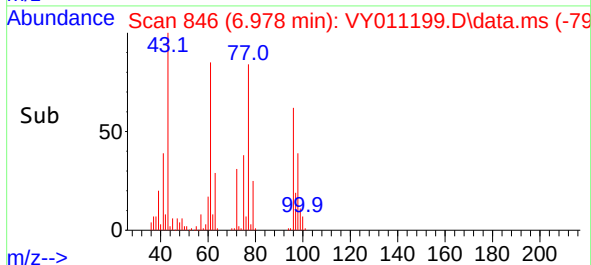
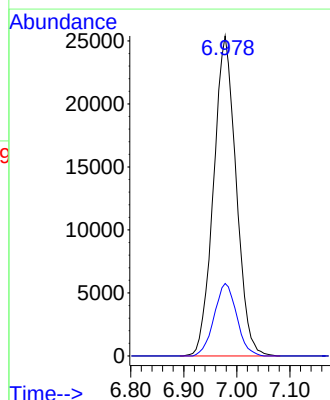
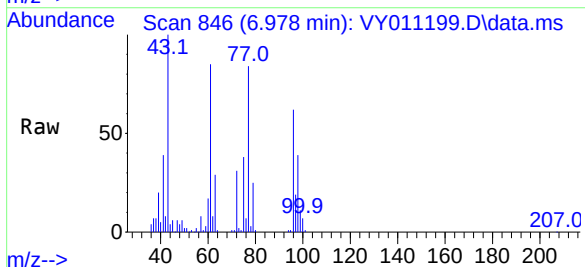
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

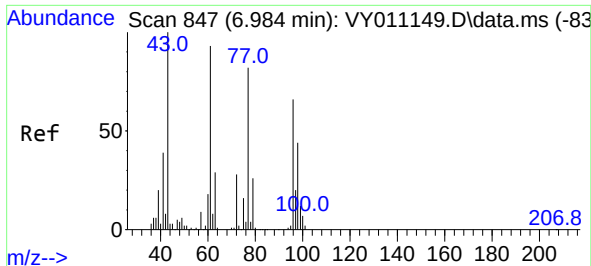
Tgt Ion: 43 Resp: 86057
Ion Ratio Lower Upper
43 100
72 28.3 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 20.940 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Tgt Ion: 77 Resp: 75089
Ion Ratio Lower Upper
77 100
97 22.6 10.4 31.4

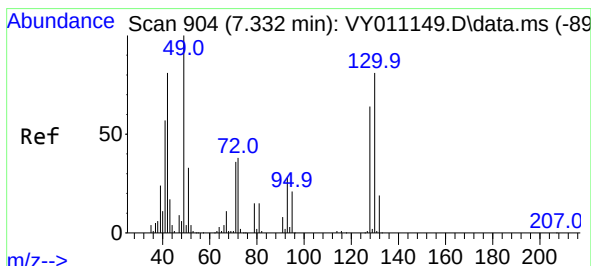
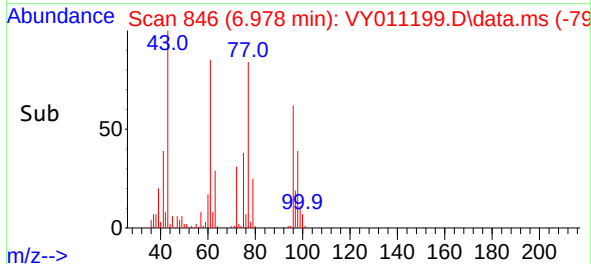
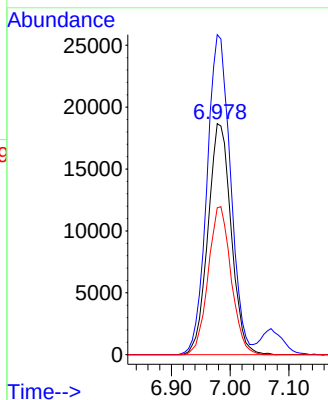
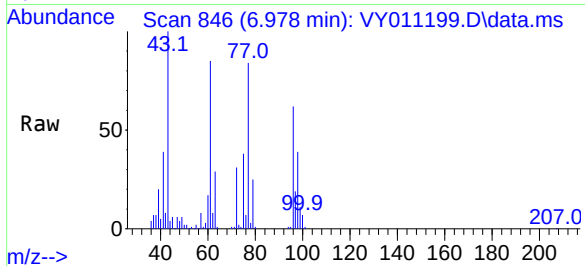




#27
 cis-1,2-Dichloroethene
 Concen: 20.272 ug/l
 RT: 6.978 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY011199.D
 Acq: 31 Oct 2022 16:03

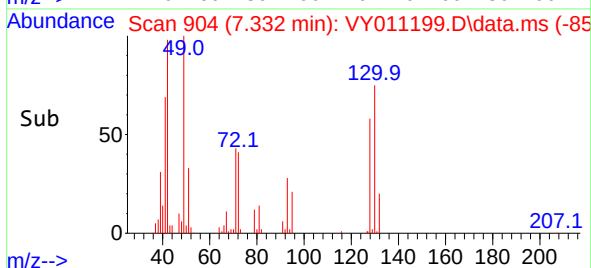
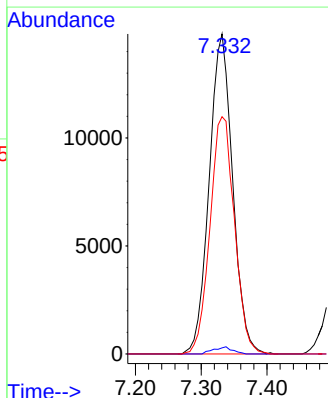
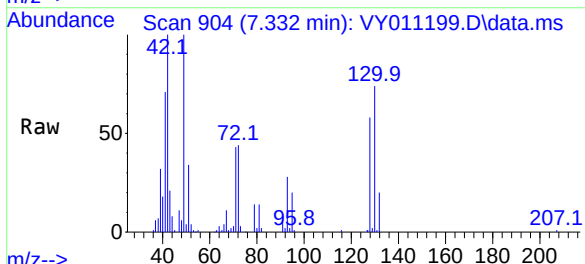
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1031SBS01

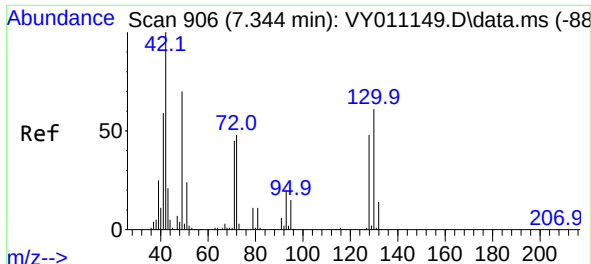
Tgt Ion: 96 Resp: 51230
 Ion Ratio Lower Upper
 96 100
 61 140.6 0.0 319.8
 98 63.2 0.0 127.0



#28
 Bromochloromethane
 Concen: 20.054 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY011199.D
 Acq: 31 Oct 2022 16:03

Tgt Ion: 49 Resp: 36741
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 2.2
 130 77.4 55.4 83.0

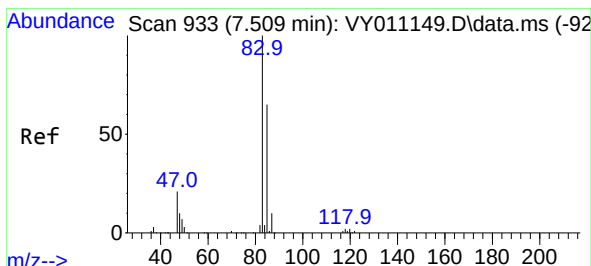
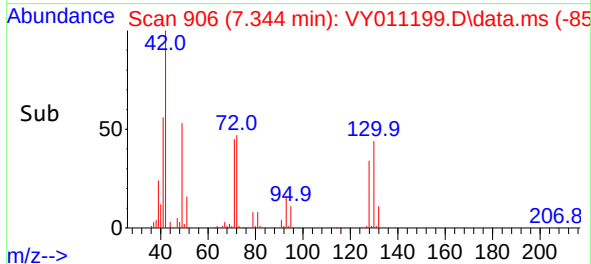
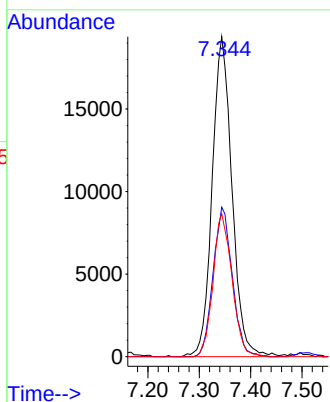
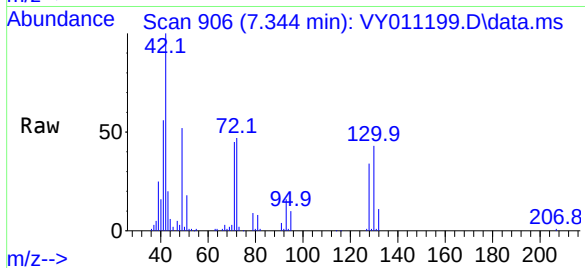




#29
Tetrahydrofuran
Concen: 105.938 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

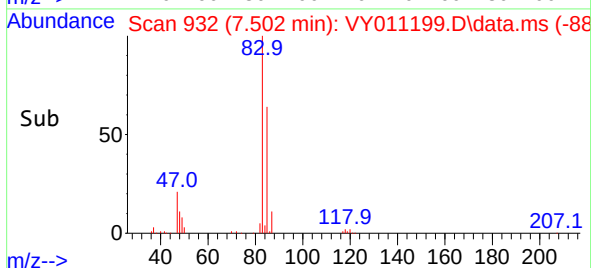
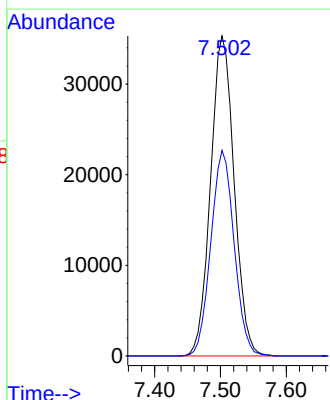
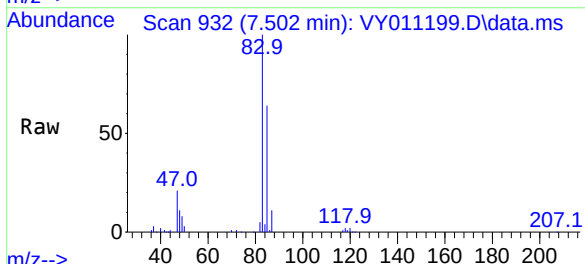
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

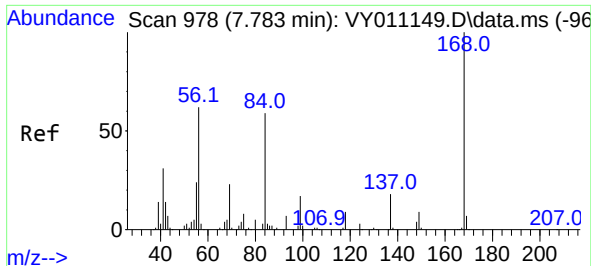
Tgt Ion: 42 Resp: 51840
Ion Ratio Lower Upper
42 100
72 45.3 30.3 45.5
71 42.8 29.0 43.4



#30
Chloroform
Concen: 20.909 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.007 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

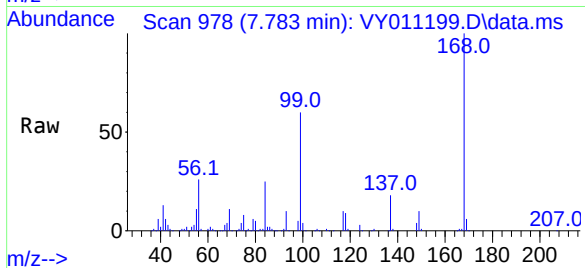
Tgt Ion: 83 Resp: 88078
Ion Ratio Lower Upper
83 100
85 64.3 51.8 77.6



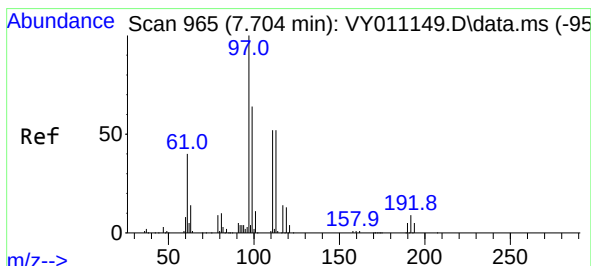
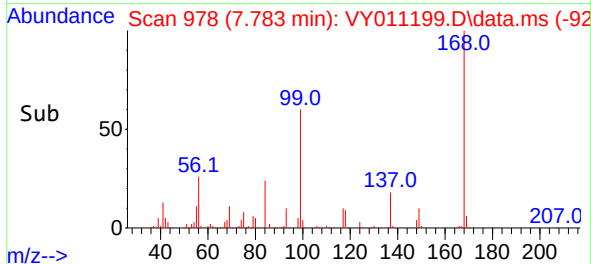
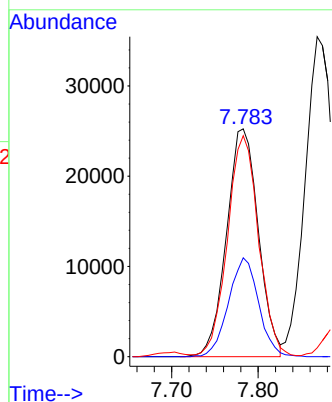


#31
Cyclohexane
Concen: 20.059 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

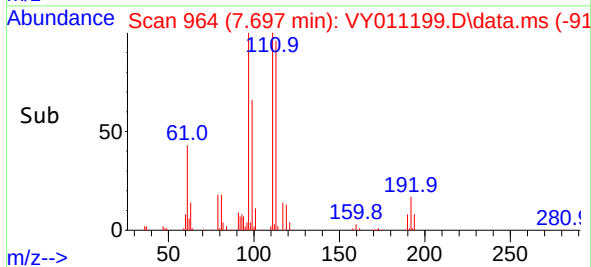
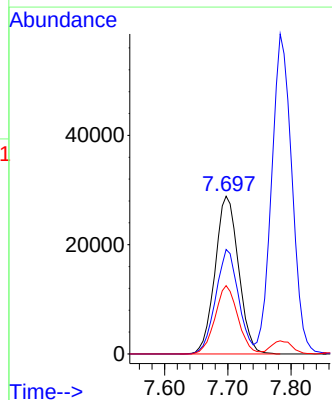
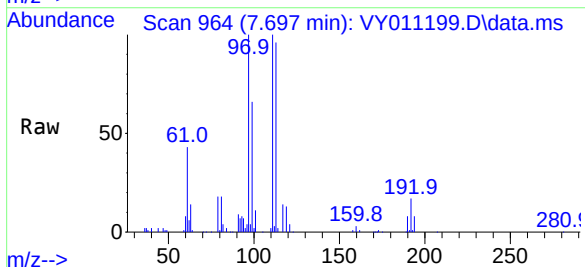


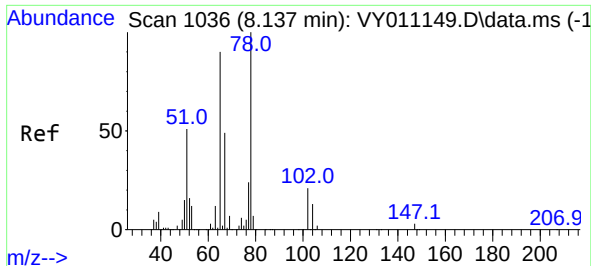
Tgt Ion: 56 Resp: 64512
Ion Ratio Lower Upper
56 100
69 43.4 26.7 40.1#
84 95.5 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 20.730 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.007 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Tgt Ion: 97 Resp: 74298
Ion Ratio Lower Upper
97 100
99 64.4 50.7 76.1
61 42.2 37.6 56.4

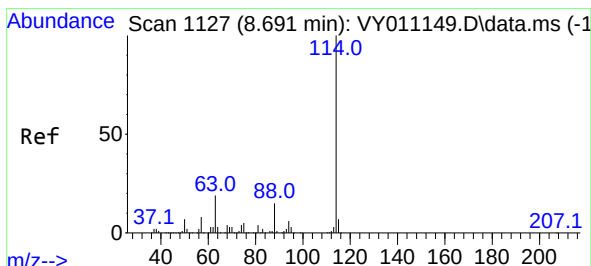
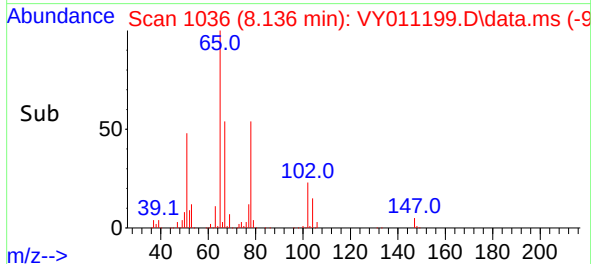
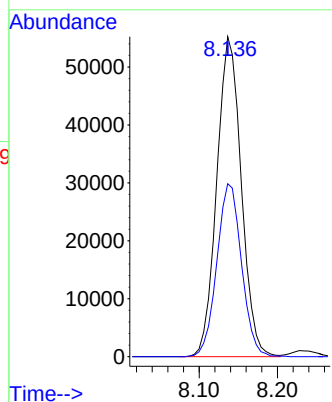
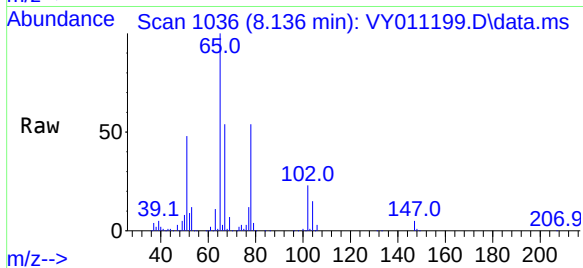




#33
1,2-Dichloroethane-d4
Concen: 51.232 ug/l
RT: 8.136 min Scan# 11036
Delta R.T. -0.001 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

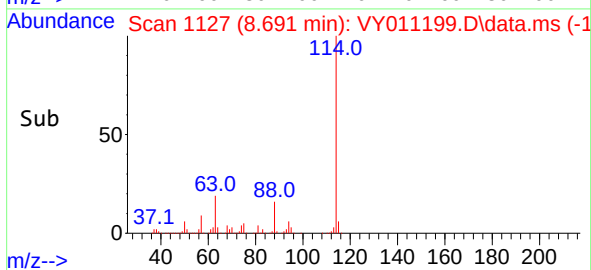
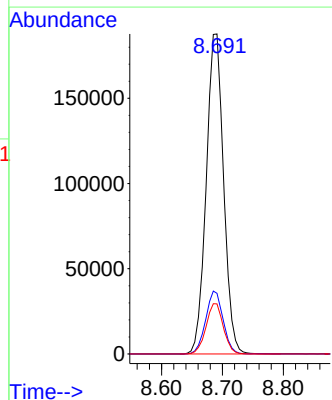
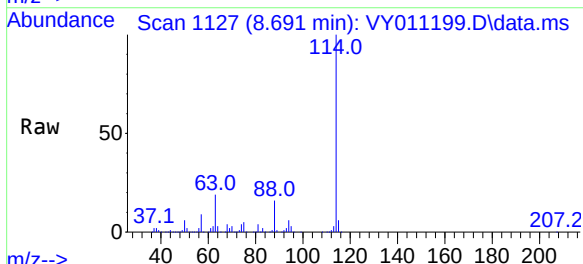
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

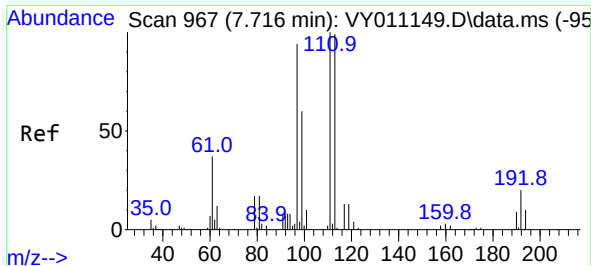
Tgt Ion: 65 Resp: 119972
Ion Ratio Lower Upper
65 100
67 54.5 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Tgt Ion: 114 Resp: 372389
Ion Ratio Lower Upper
114 100
63 19.0 0.0 43.2
88 15.6 0.0 31.8

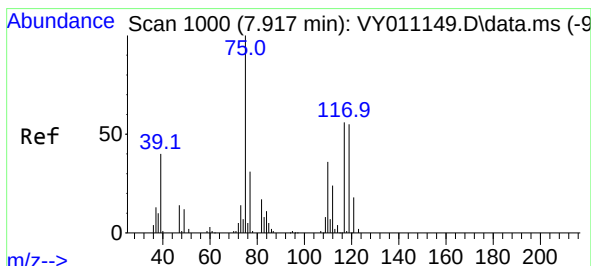
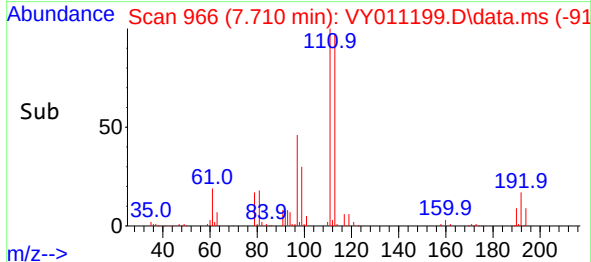
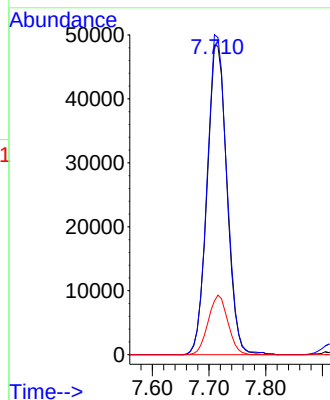
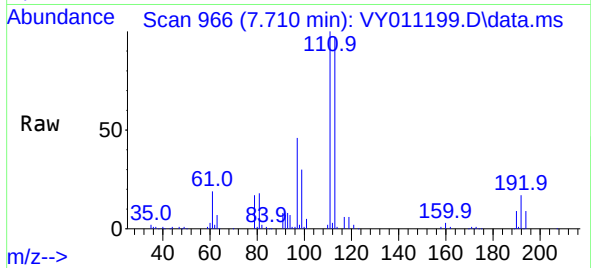




#35
Dibromofluoromethane
Concen: 51.340 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

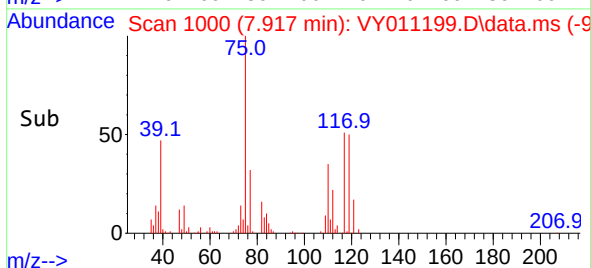
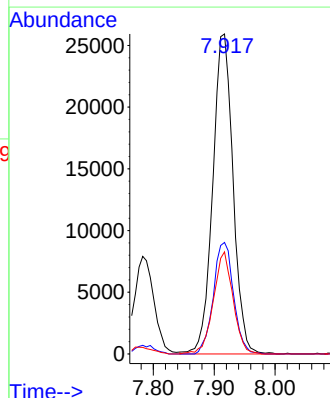
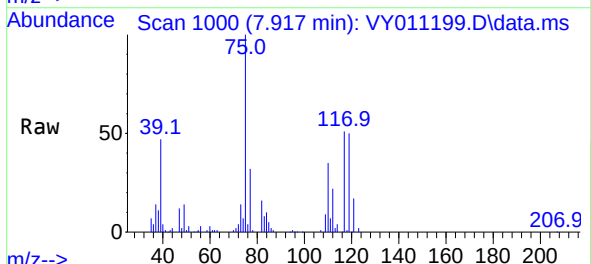
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

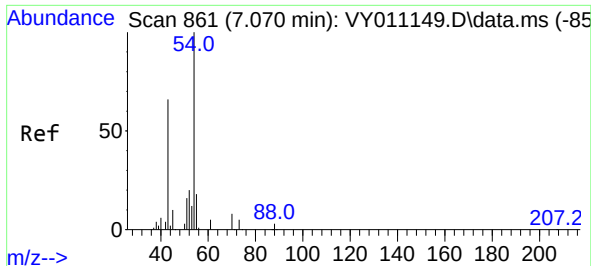
Tgt Ion:113 Resp: 117572
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 19.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 20.112 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Tgt Ion: 75 Resp: 60043
Ion Ratio Lower Upper
75 100
110 34.6 17.1 51.2
77 30.8 24.4 36.6

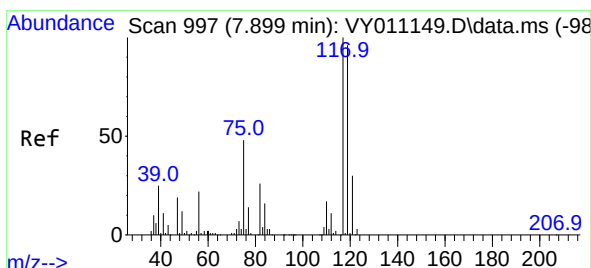
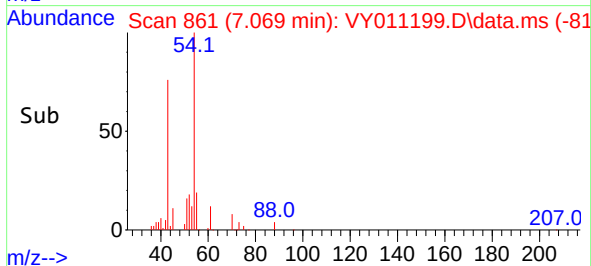
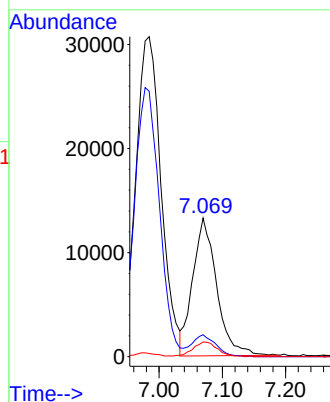
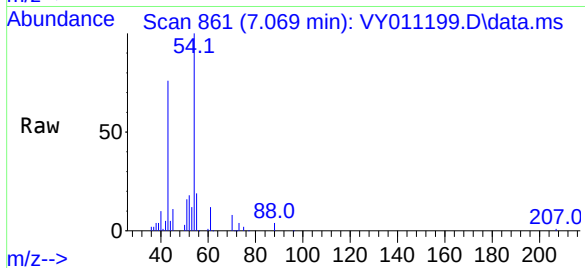




#37
Ethyl Acetate
Concen: 20.652 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.001 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

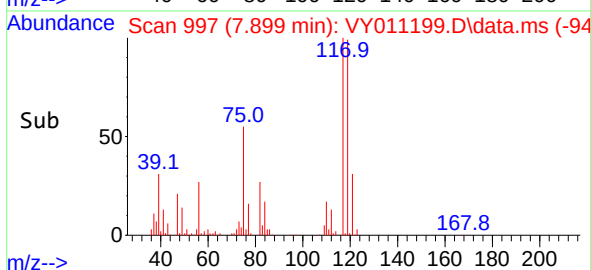
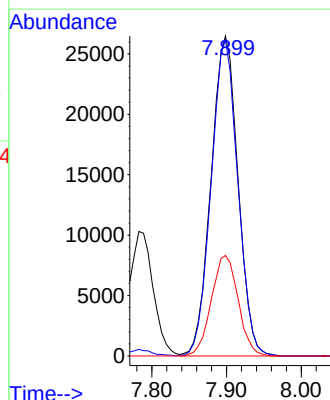
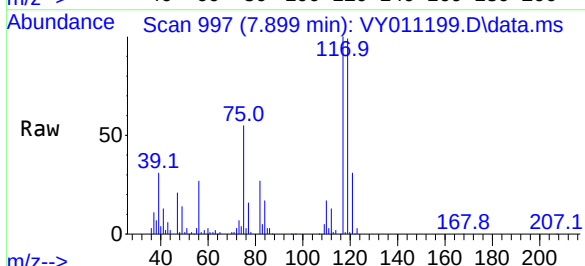
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

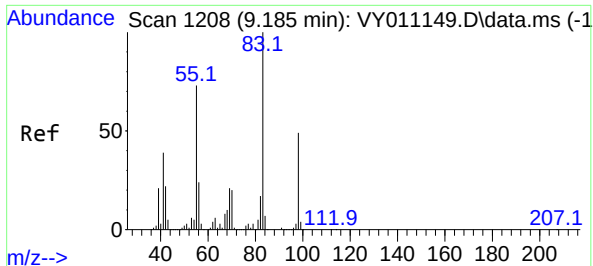
Tgt Ion: 43 Resp: 34885
Ion Ratio Lower Upper
43 100
61 15.7 9.7 14.5#
70 11.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 20.388 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Tgt Ion: 117 Resp: 66298
Ion Ratio Lower Upper
117 100
119 98.8 77.9 116.9
121 31.4 24.8 37.2





#39

Methylcyclohexane

Concen: 19.689 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY011199.D

Acq: 31 Oct 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBS01

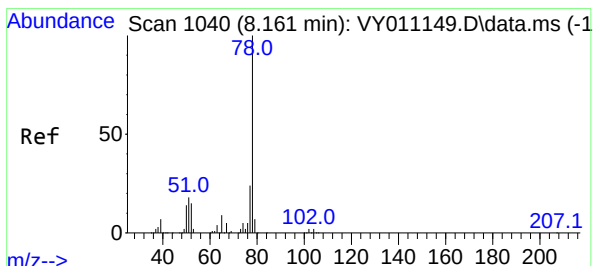
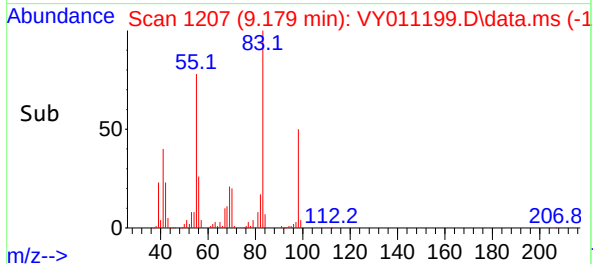
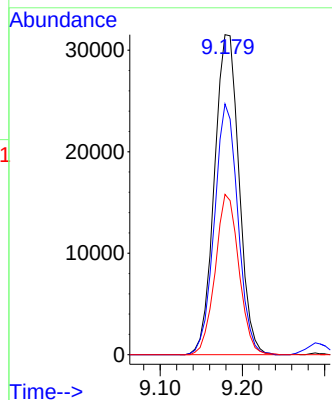
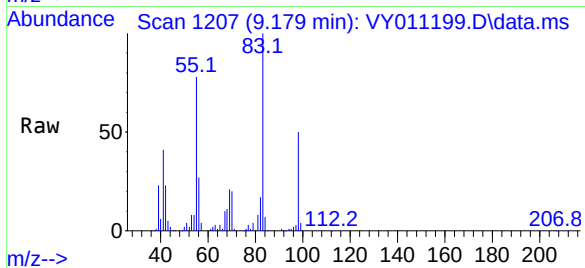
Tgt Ion: 83 Resp: 65589

Ion Ratio Lower Upper

83 100

55 78.3 66.5 99.7

98 50.1 37.9 56.9



#40

Benzene

Concen: 20.417 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY011199.D

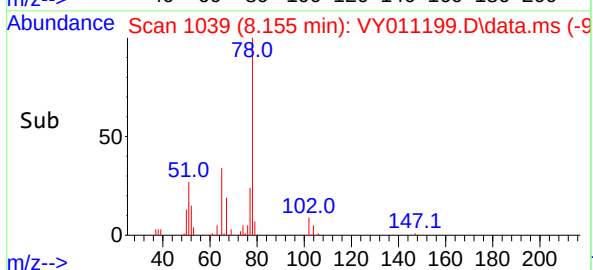
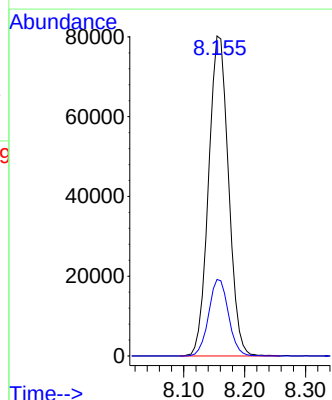
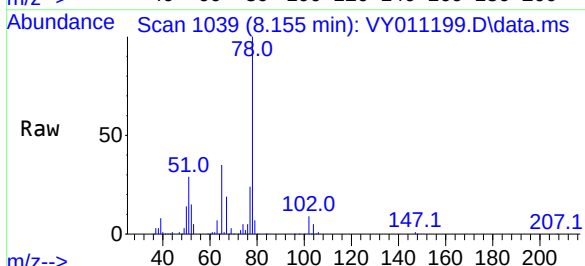
Acq: 31 Oct 2022 16:03

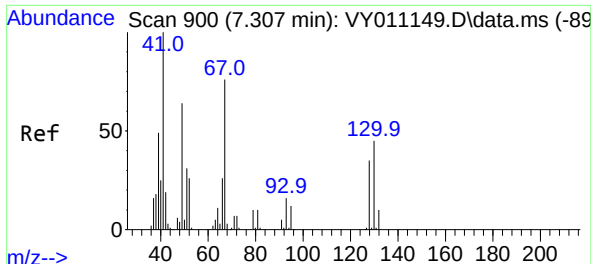
Tgt Ion: 78 Resp: 182488

Ion Ratio Lower Upper

78 100

77 23.9 20.4 30.6

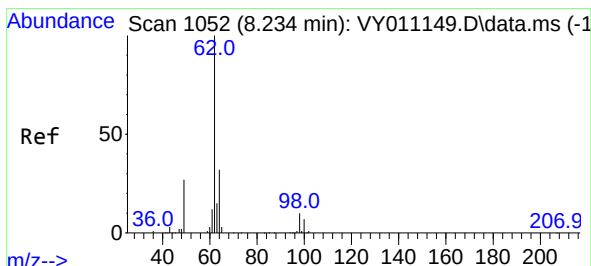
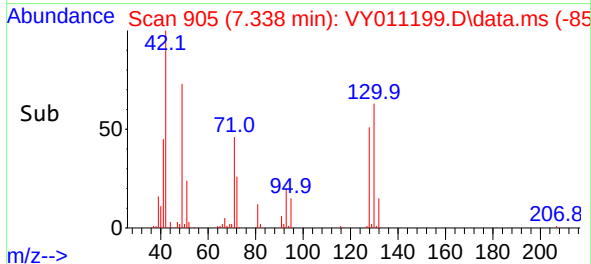
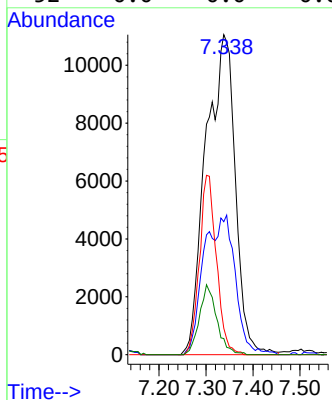
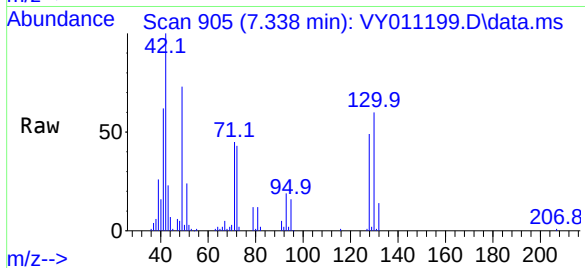




#41
Methacrylonitrile
Concen: 54.301 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.031 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

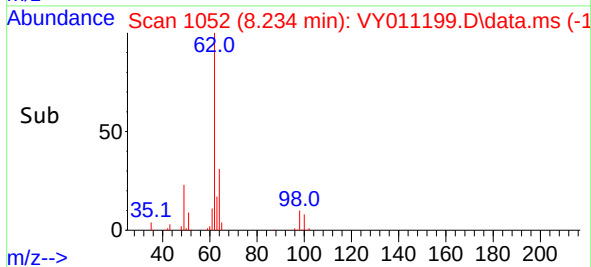
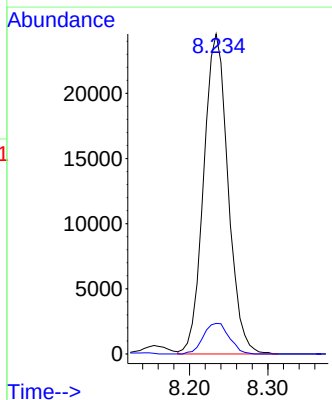
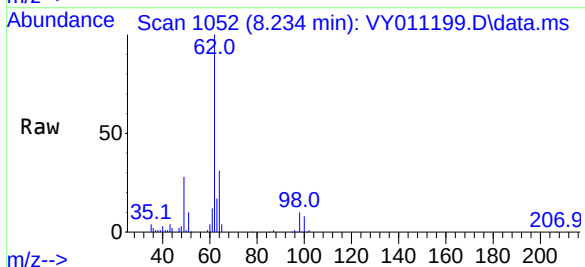
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

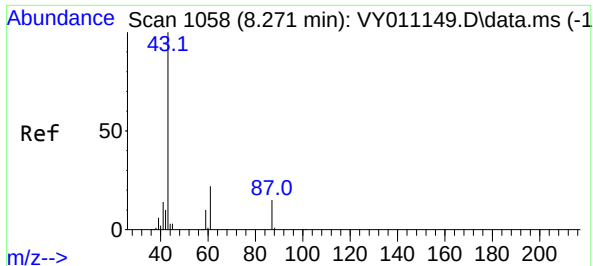
Tgt Ion: 41 Resp: 47934
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.890 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Tgt Ion: 62 Resp: 53124
Ion Ratio Lower Upper
62 100
98 10.1 0.0 14.8





#43

Isopropyl Acetate

Concen: 20.799 ug/l

RT: 8.270 min Scan# 1105

Delta R.T. -0.001 min

Lab File: VY011199.D

Acq: 31 Oct 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBS01

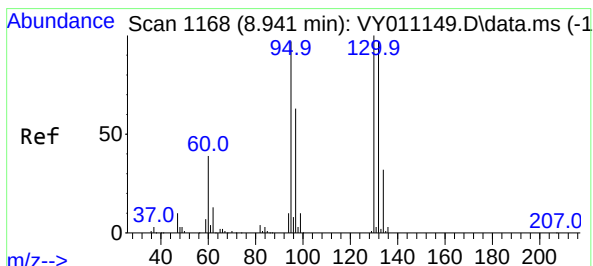
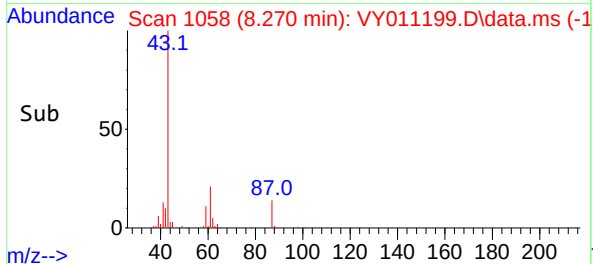
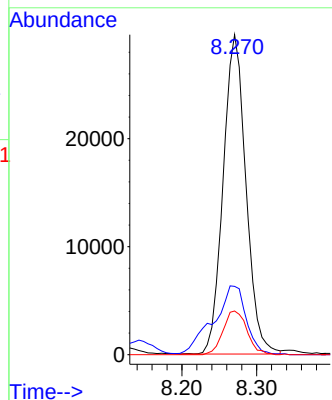
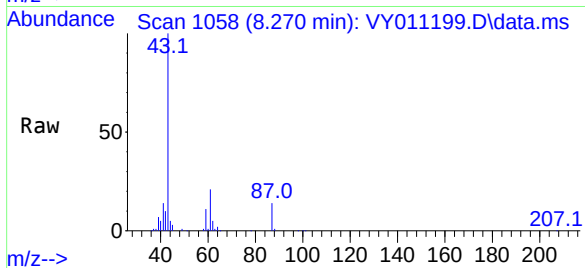
Tgt Ion: 43 Resp: 62645

Ion Ratio Lower Upper

43 100

61 31.1 20.2 30.2#

87 14.4 8.9 13.3#



#44

Trichloroethene

Concen: 19.682 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. -0.006 min

Lab File: VY011199.D

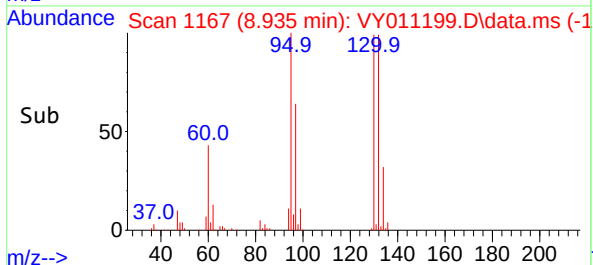
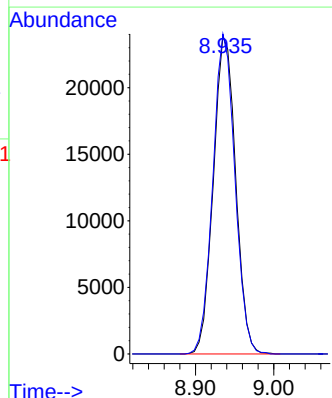
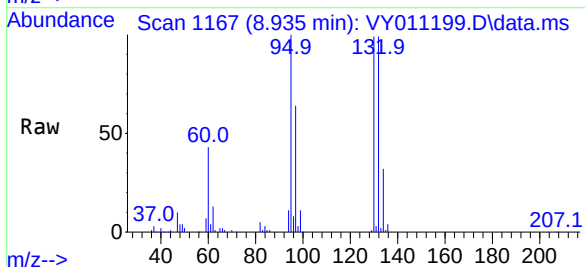
Acq: 31 Oct 2022 16:03

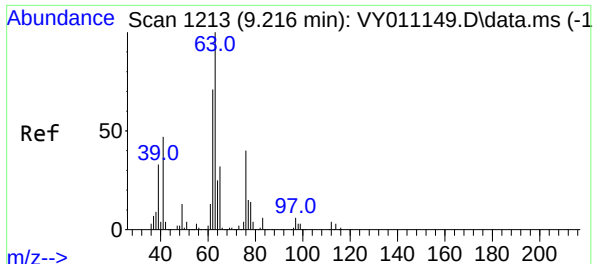
Tgt Ion:130 Resp: 47282

Ion Ratio Lower Upper

130 100

95 100.6 0.0 188.2





#45

1,2-Dichloropropane

Concen: 20.720 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.001 min

Lab File: VY011199.D

Acq: 31 Oct 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

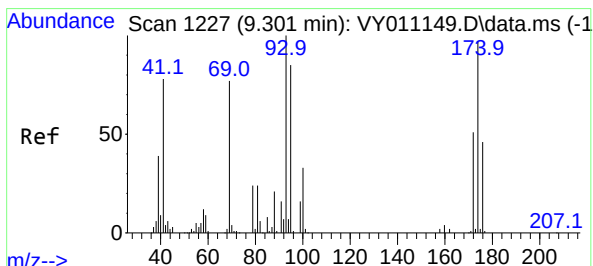
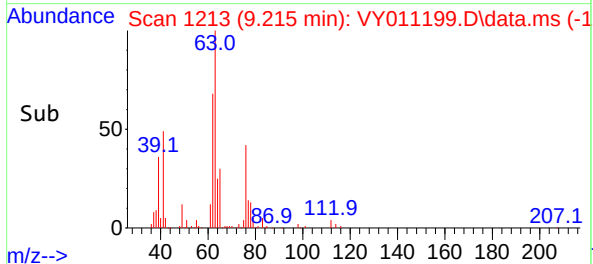
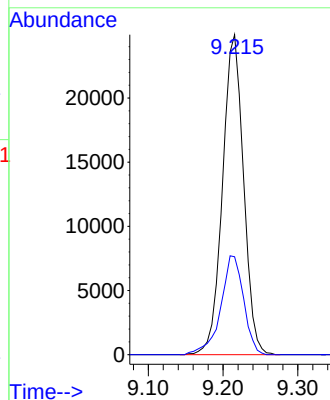
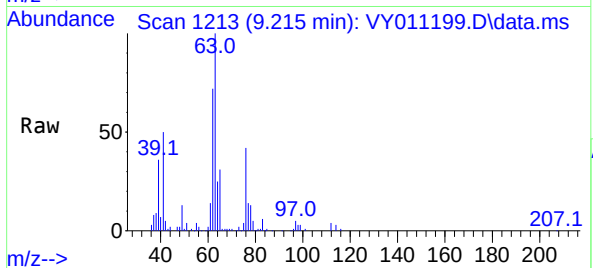
VY1031SBS01

Tgt Ion: 63 Resp: 48749

Ion Ratio Lower Upper

63 100

65 30.6 23.0 34.6



#46

Dibromomethane

Concen: 20.045 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY011199.D

Acq: 31 Oct 2022 16:03

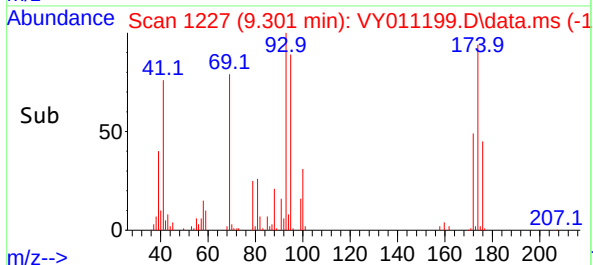
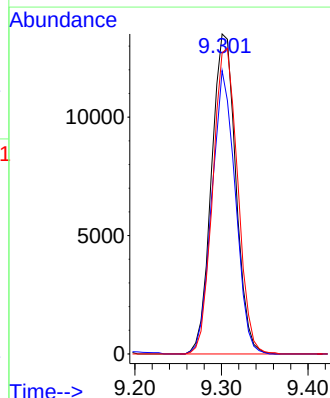
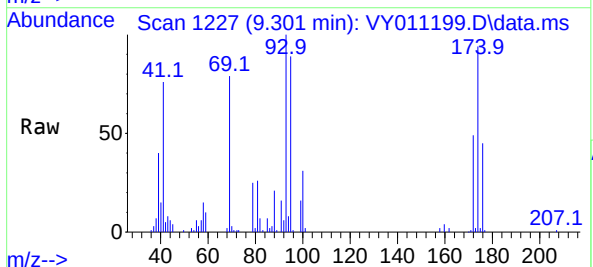
Tgt Ion: 93 Resp: 26364

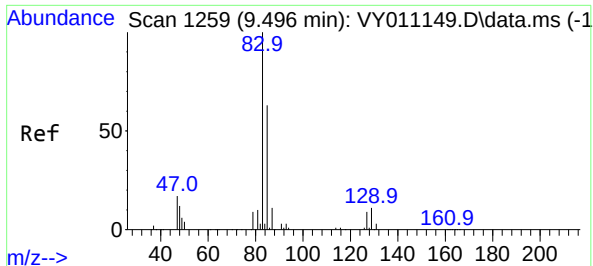
Ion Ratio Lower Upper

93 100

95 85.0 64.3 96.5

174 97.7 83.4 125.0

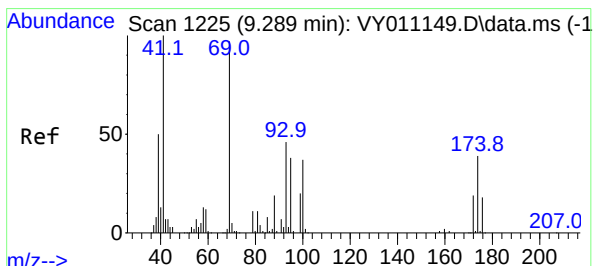
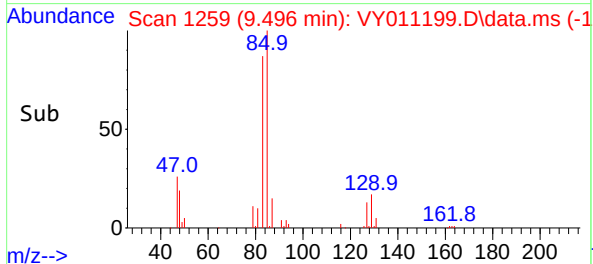
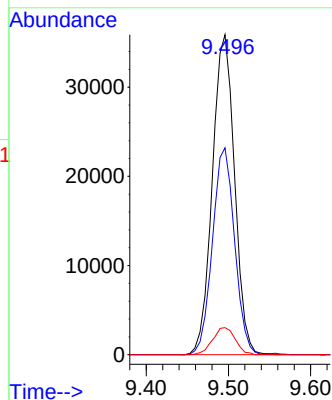
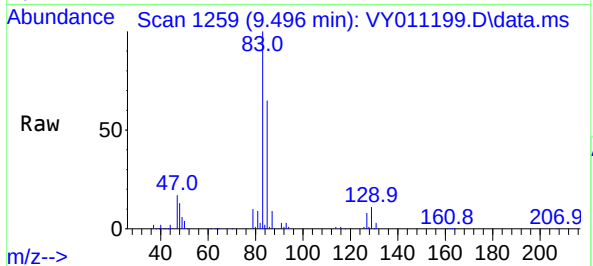




#47
Bromodichloromethane
Concen: 20.709 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

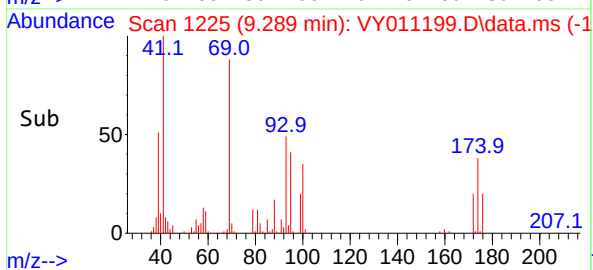
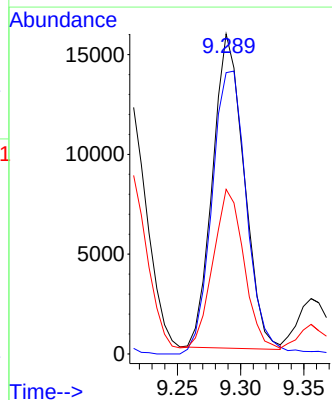
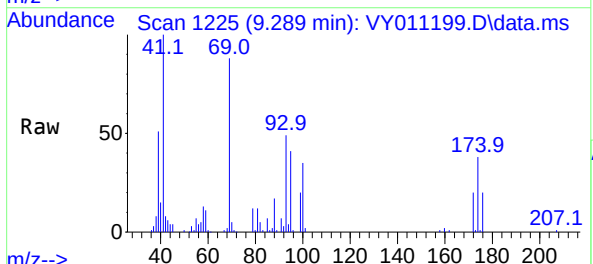
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

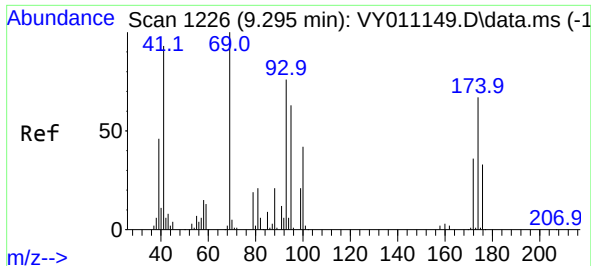
Tgt Ion: 83 Resp: 67308
Ion Ratio Lower Upper
83 100
85 64.6 51.9 77.9
127 8.4 6.6 10.0



#48
Methyl methacrylate
Concen: 20.251 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Tgt Ion: 41 Resp: 27188
Ion Ratio Lower Upper
41 100
69 99.9 58.2 87.2#
39 54.4 47.4 71.0

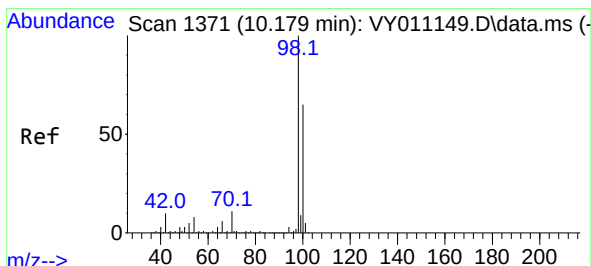
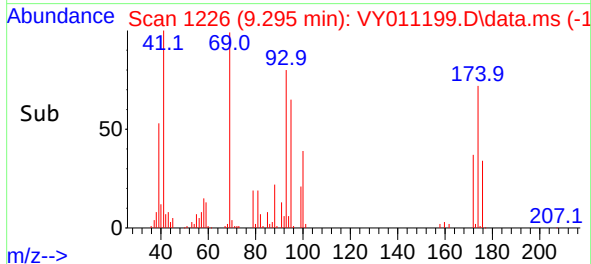
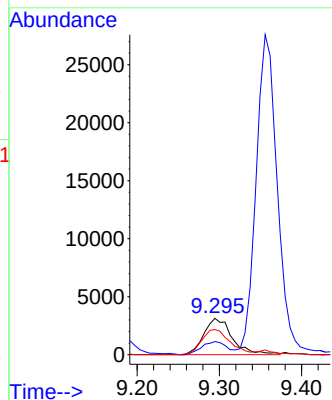
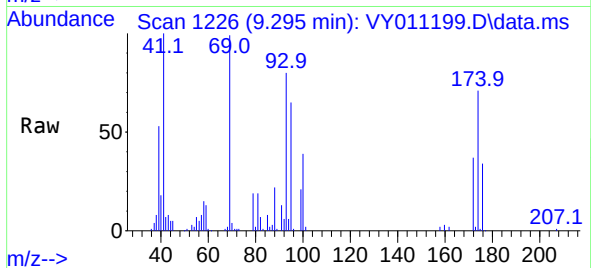




#49
1,4-Dioxane
Concen: 416.849 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

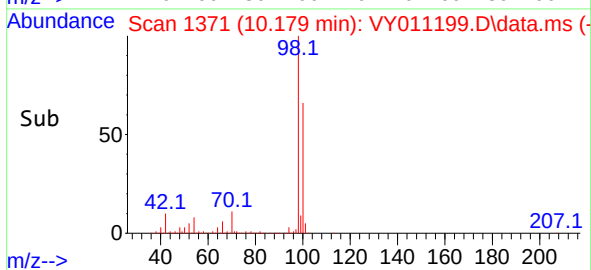
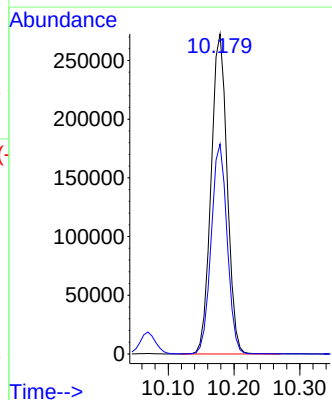
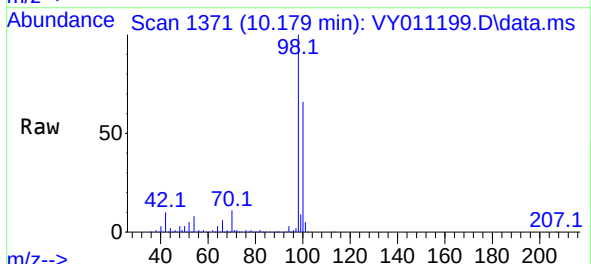
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

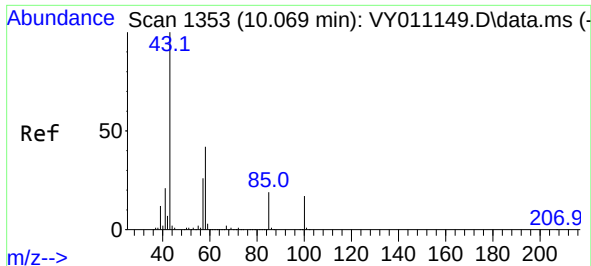
Tgt Ion: 88 Resp: 7567
Ion Ratio Lower Upper
88 100
43 32.3 32.8 49.2#
58 68.2 59.8 89.6



#50
Toluene-d8
Concen: 51.078 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Tgt Ion: 98 Resp: 463403
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

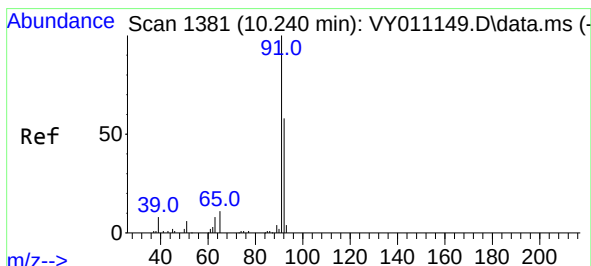
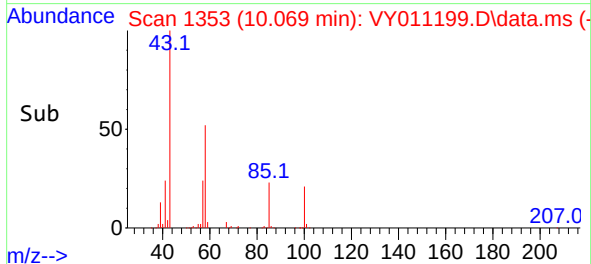
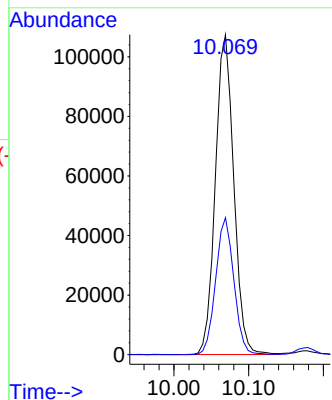
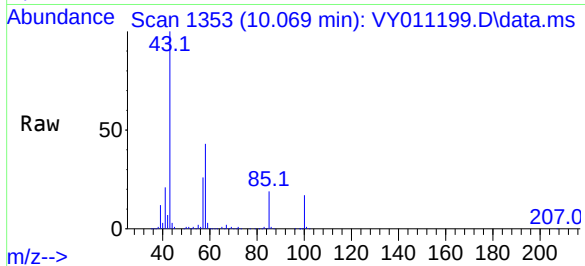




#51
4-Methyl-2-Pentanone
Concen: 108.207 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

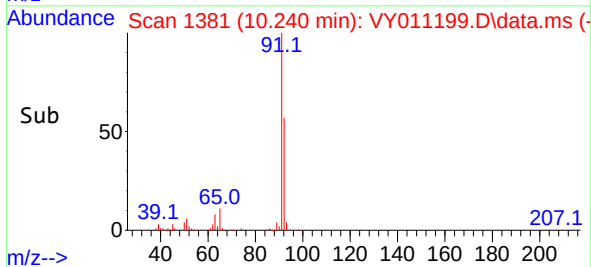
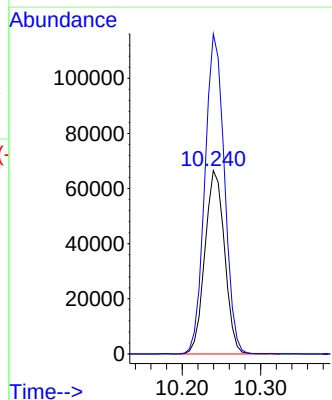
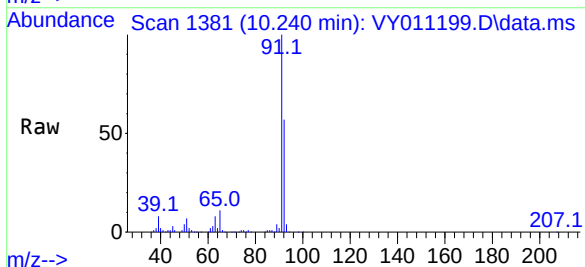
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

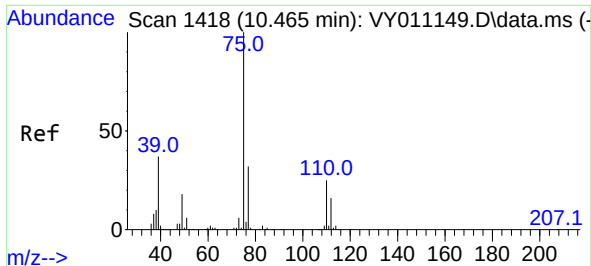
Tgt Ion: 43 Resp: 183759
Ion Ratio Lower Upper
43 100
58 42.3 28.1 42.1#



#52
Toluene
Concen: 20.725 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Tgt Ion: 92 Resp: 115951
Ion Ratio Lower Upper
92 100
91 173.2 142.6 213.8

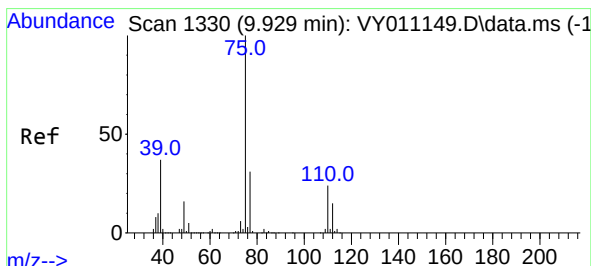
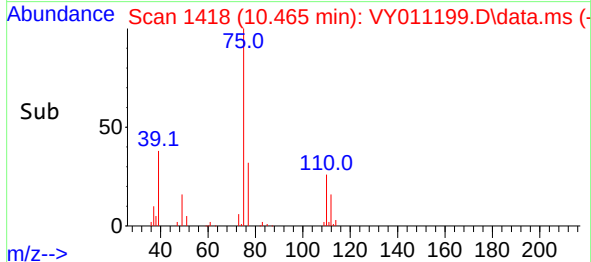
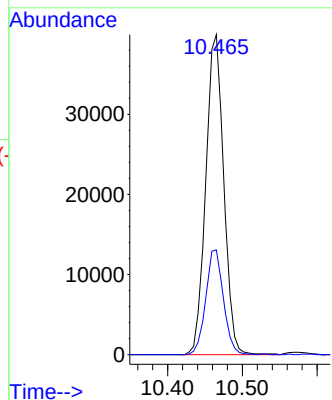
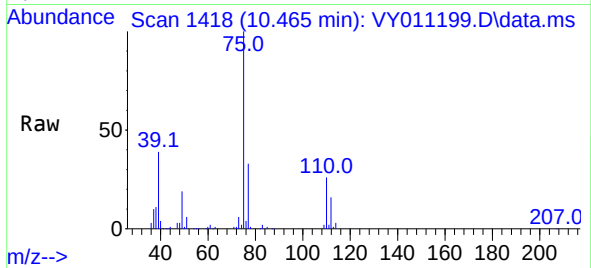




#53
t-1,3-Dichloropropene
Concen: 20.452 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

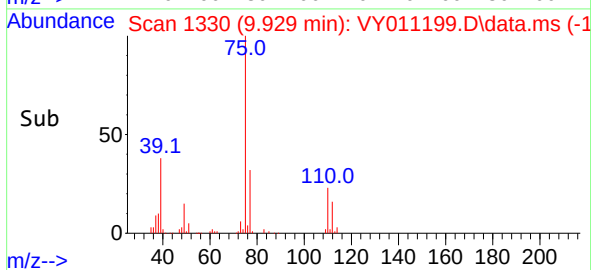
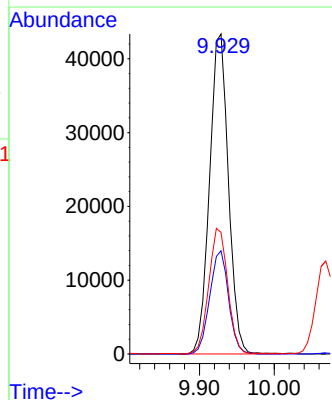
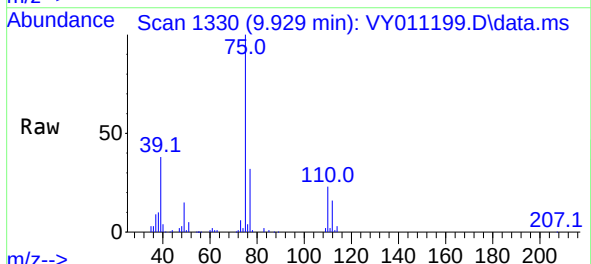
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

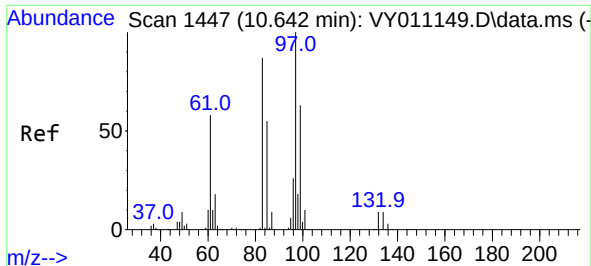
Tgt Ion: 75 Resp: 66649
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 20.600 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Tgt Ion: 75 Resp: 76091
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4
39 38.0 47.6 71.4#



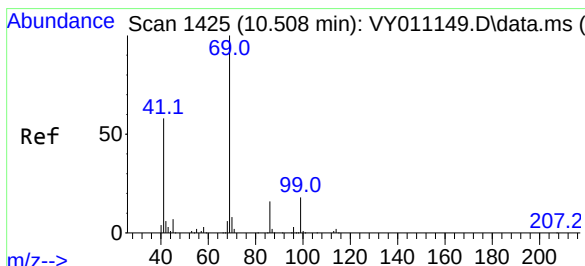
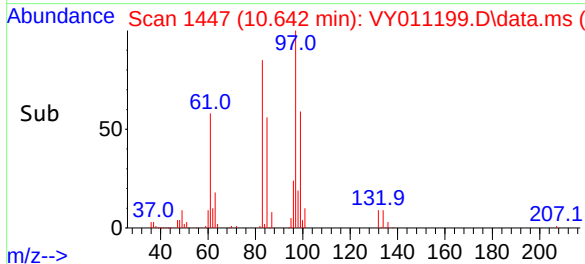
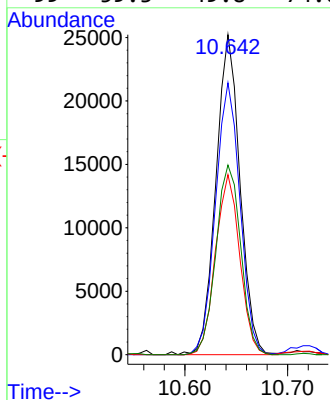
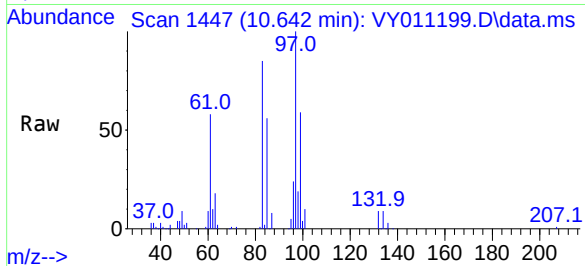


#55
1,1,2-Trichloroethane
Concen: 20.966 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

Tgt Ion: 97 Resp: 41043

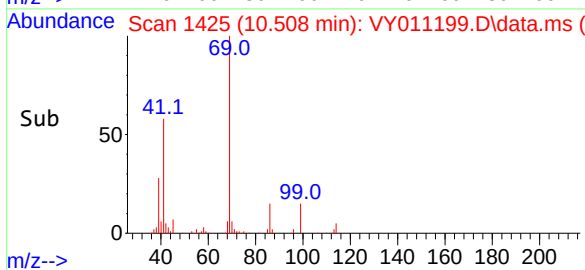
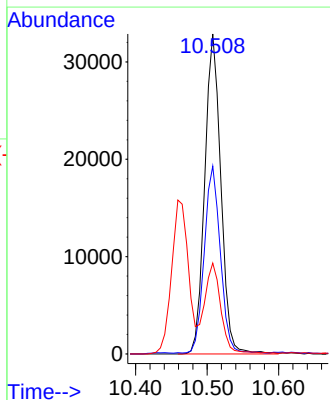
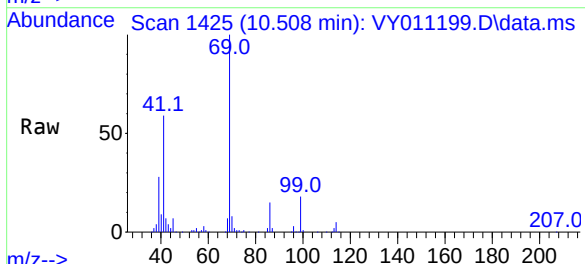
Ion	Ratio	Lower	Upper
97	100		
83	85.0	69.8	104.8
85	56.3	44.3	66.5
99	59.3	49.8	74.6

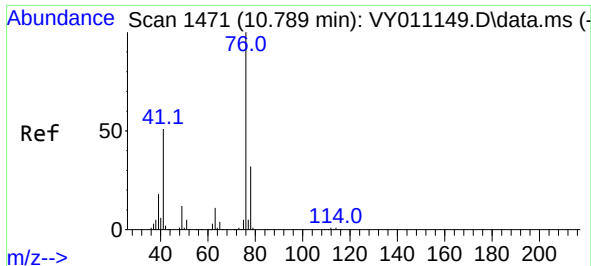


#56
Ethyl methacrylate
Concen: 20.941 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Tgt Ion: 69 Resp: 51591

Ion	Ratio	Lower	Upper
69	100		
41	58.2	63.4	95.0#
39	28.9	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 20.978 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY011199.D

Acq: 31 Oct 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

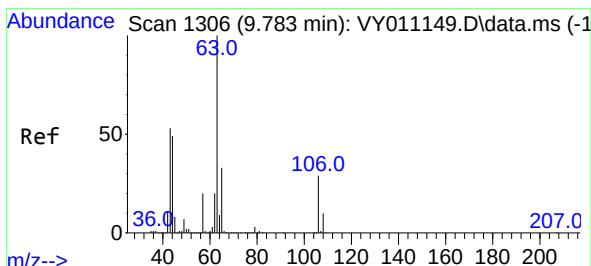
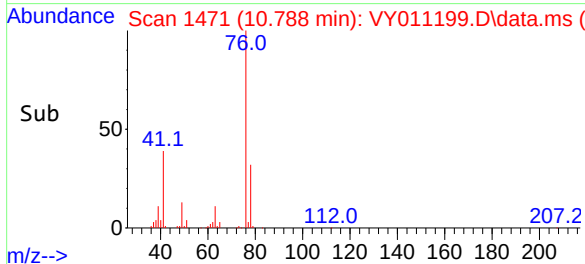
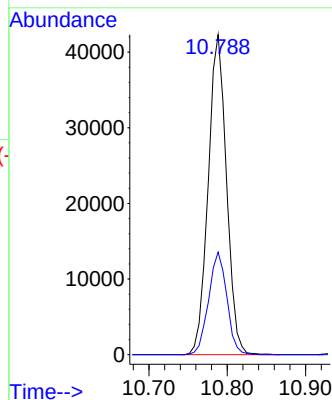
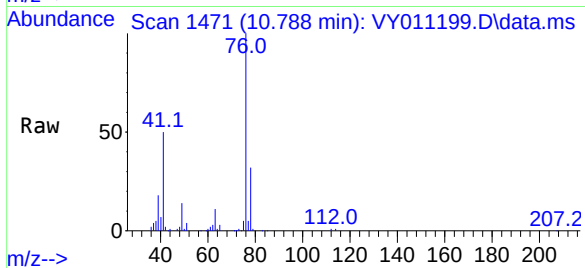
VY1031SBS01

Tgt Ion: 76 Resp: 68547

Ion Ratio Lower Upper

76 100

78 31.9 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 84.730 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY011199.D

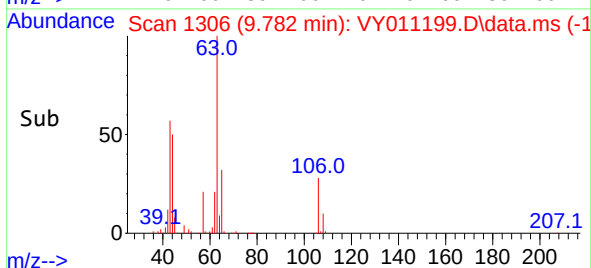
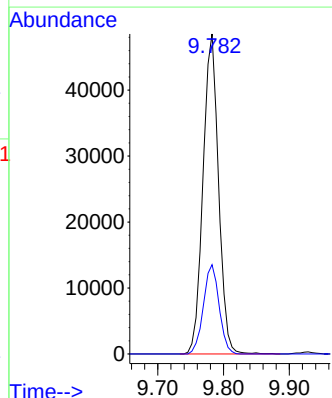
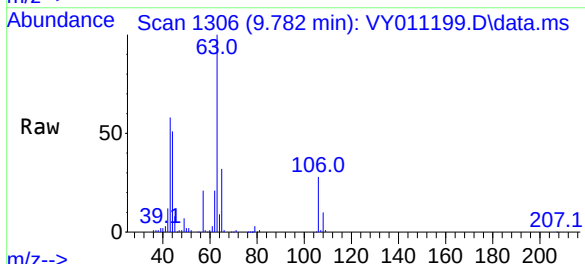
Acq: 31 Oct 2022 16:03

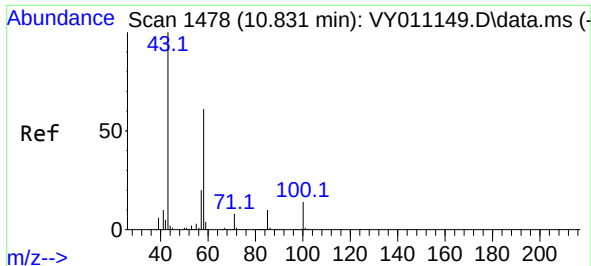
Tgt Ion: 63 Resp: 79498

Ion Ratio Lower Upper

63 100

106 28.2 21.5 32.3

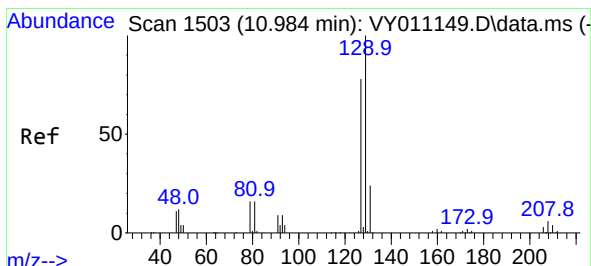
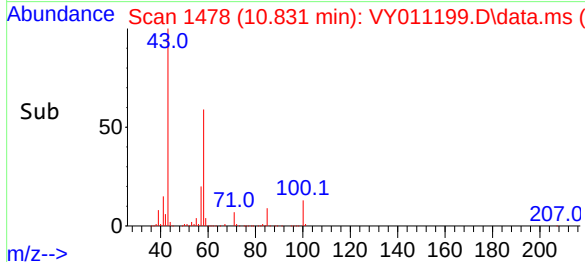
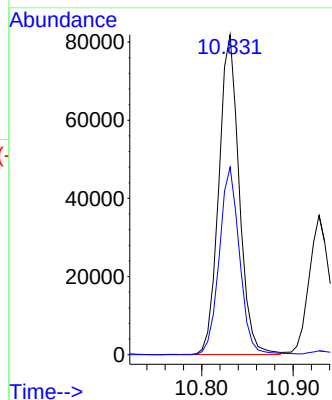
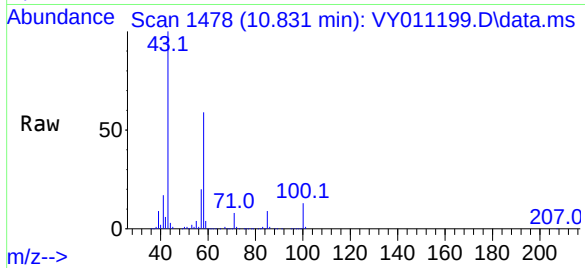




#59
2-Hexanone
Concen: 107.775 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

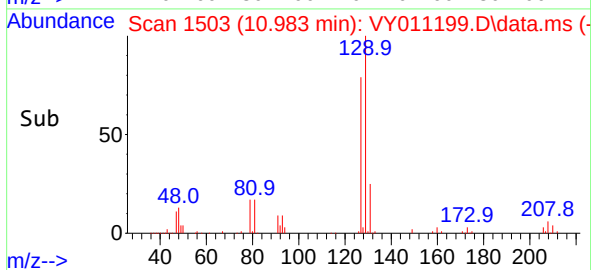
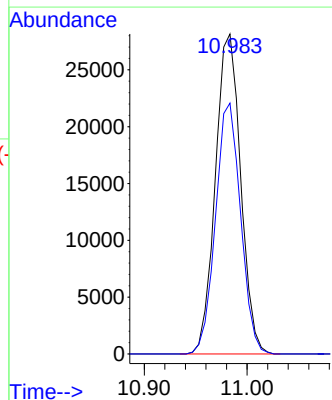
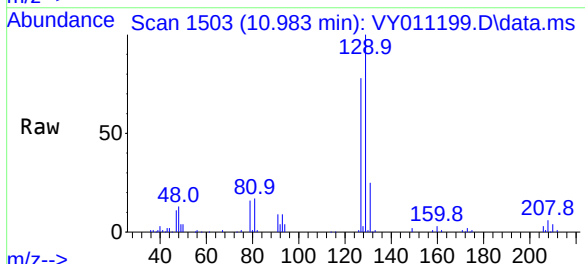
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

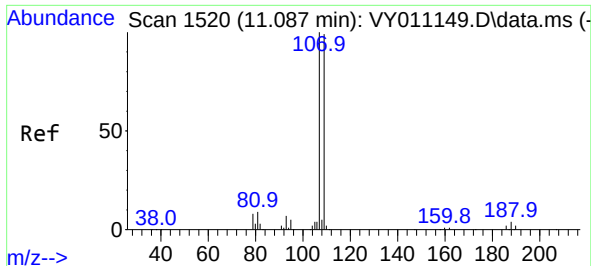
Tgt Ion: 43 Resp: 126314
Ion Ratio Lower Upper
43 100
58 58.6 24.4 73.4



#60
Dibromochloromethane
Concen: 20.789 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Tgt Ion: 129 Resp: 48122
Ion Ratio Lower Upper
129 100
127 77.8 38.7 116.1

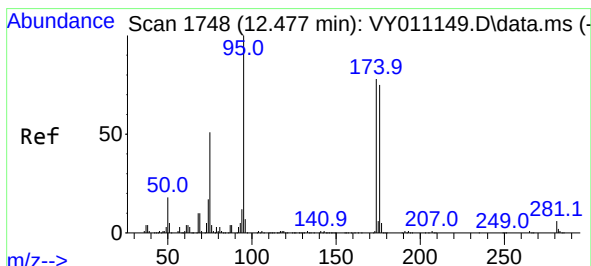
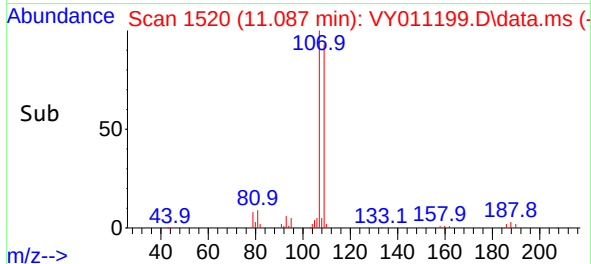
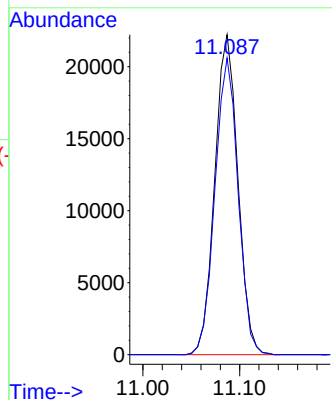
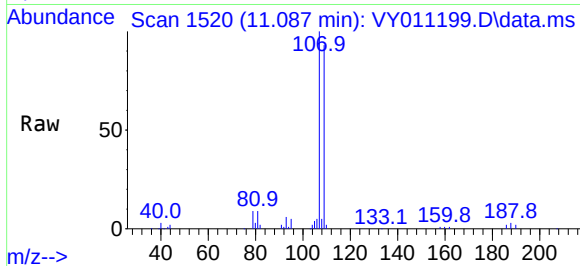




#61
1,2-Dibromoethane
Concen: 20.703 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

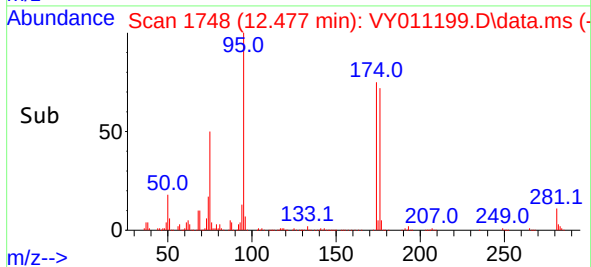
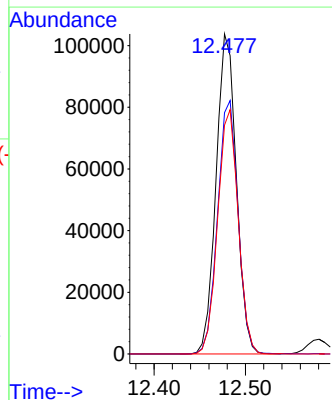
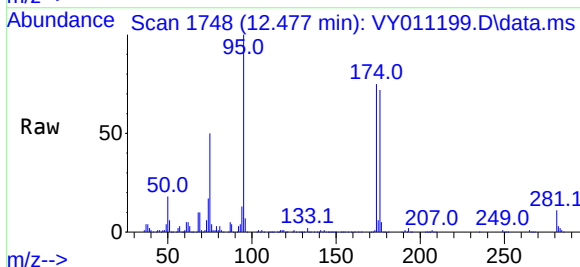
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

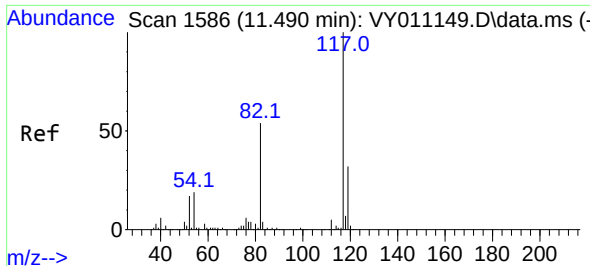
Tgt Ion:107 Resp: 36788
Ion Ratio Lower Upper
107 100
109 93.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 53.827 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Tgt Ion: 95 Resp: 159788
Ion Ratio Lower Upper
95 100
174 80.2 0.0 177.0
176 77.3 0.0 175.8

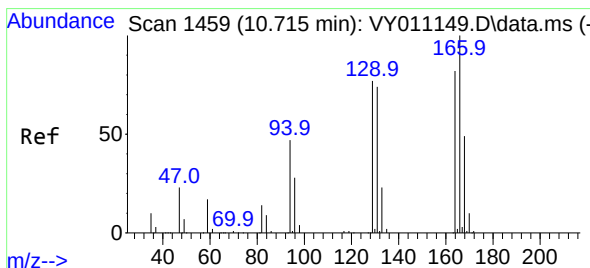
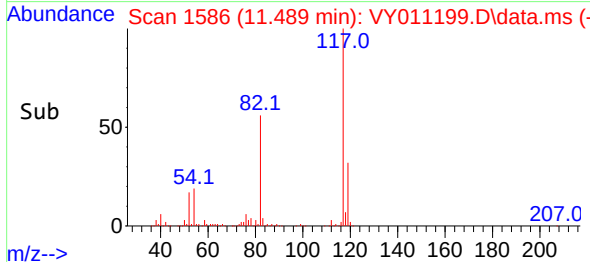
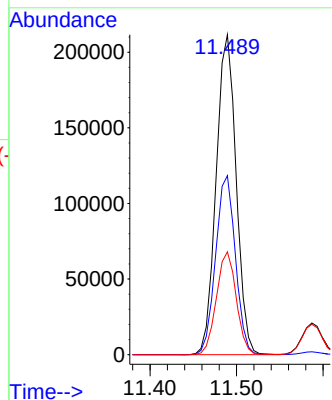
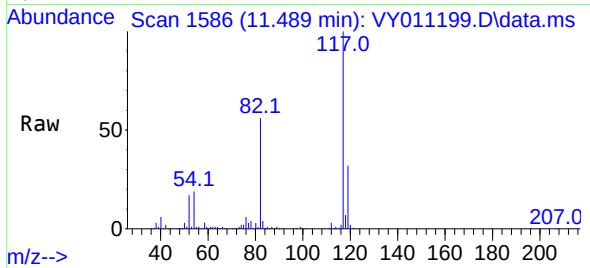




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

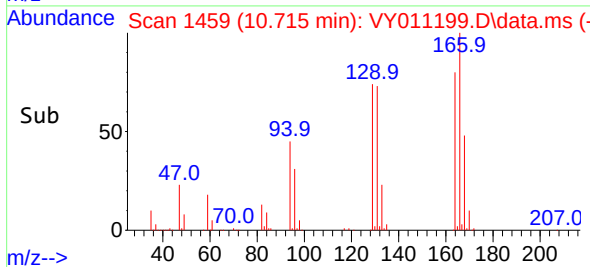
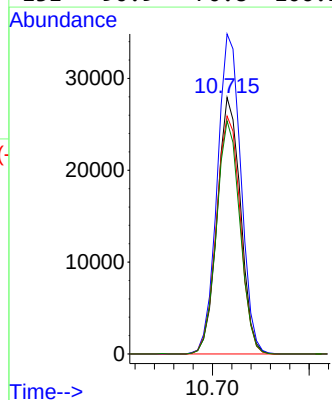
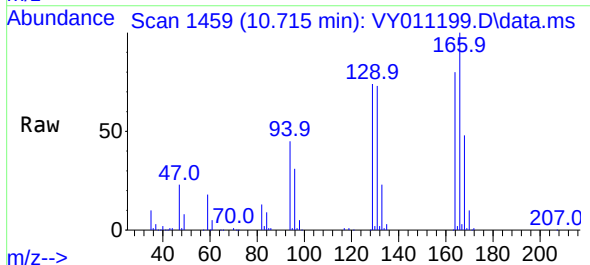
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

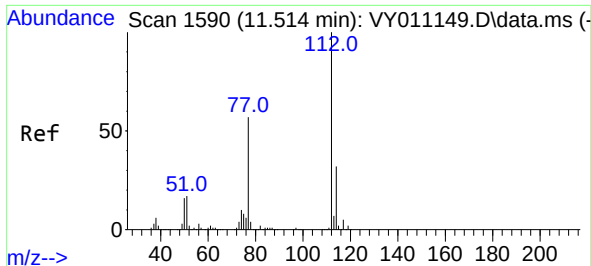
Tgt Ion:117 Resp: 339553
Ion Ratio Lower Upper
117 100
82 55.9 43.0 64.4
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 19.869 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Tgt Ion:164 Resp: 46550
Ion Ratio Lower Upper
164 100
166 124.8 100.4 150.6
129 92.8 71.4 107.0
131 90.9 70.8 106.2

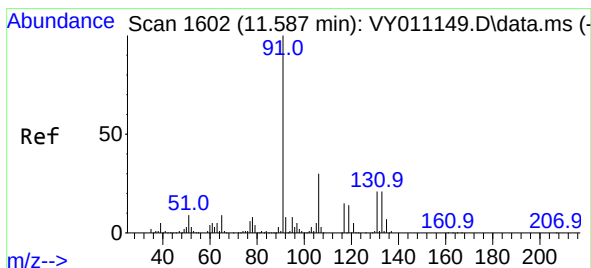
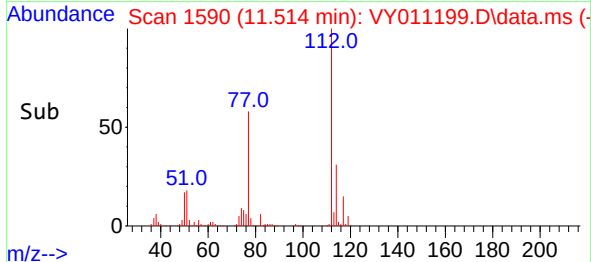
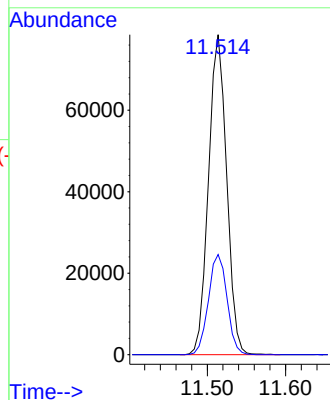
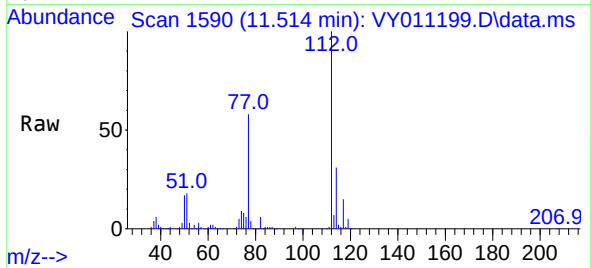




#65
Chlorobenzene
Concen: 20.180 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

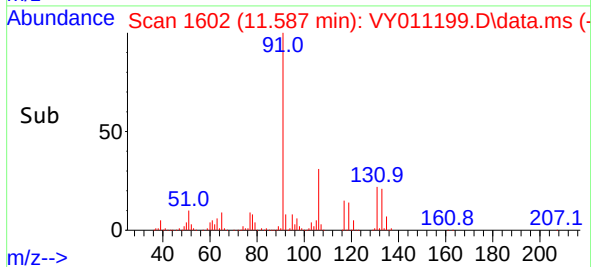
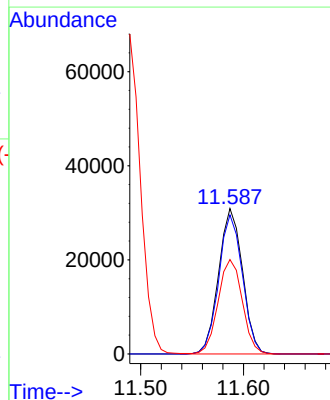
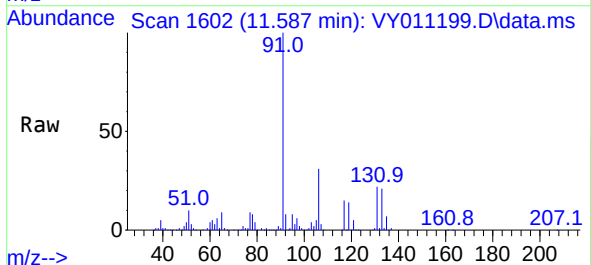
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

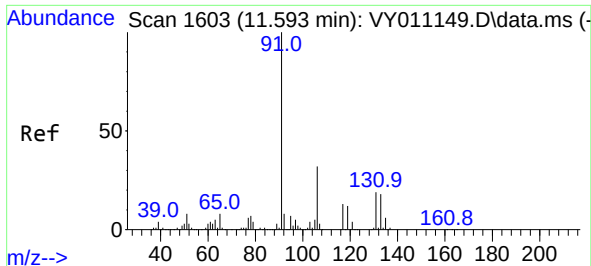
Tgt Ion:112 Resp: 126175
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.546 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Tgt Ion:131 Resp: 49845
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.6
119 65.8 30.8 92.3





#67

Ethyl Benzene

Concen: 20.164 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY011199.D

Acq: 31 Oct 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

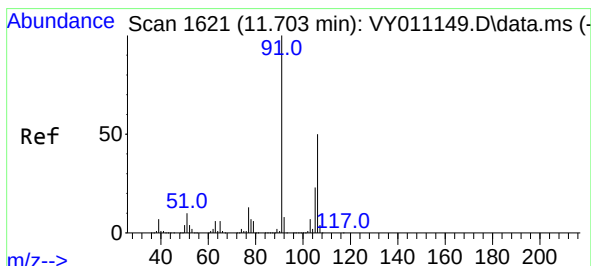
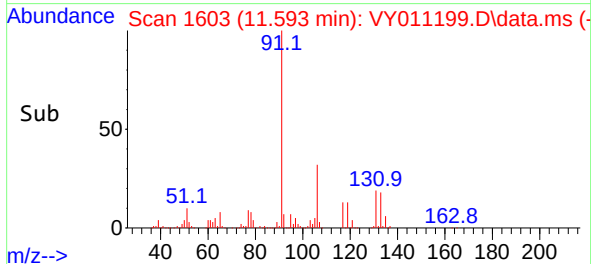
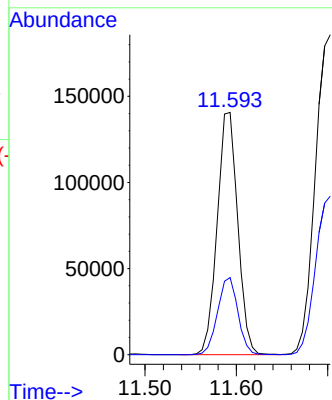
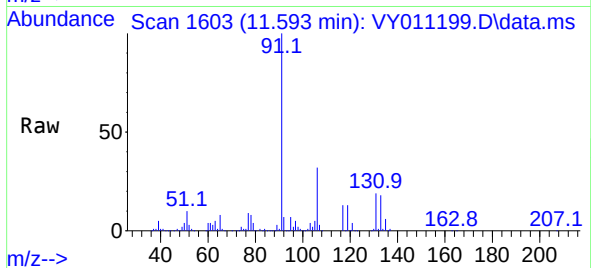
VY1031SBS01

Tgt Ion: 91 Resp: 220247

Ion Ratio Lower Upper

91 100

106 31.8 24.5 36.7



#68

m/p-Xylenes

Concen: 41.049 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY011199.D

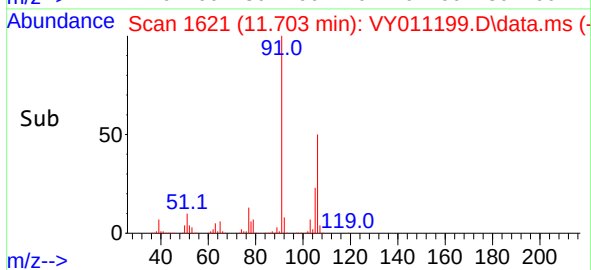
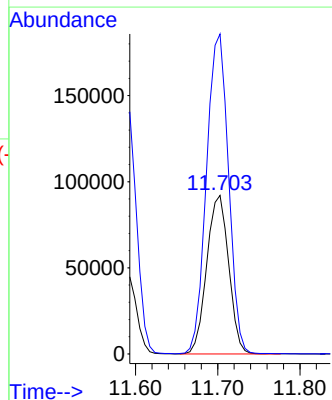
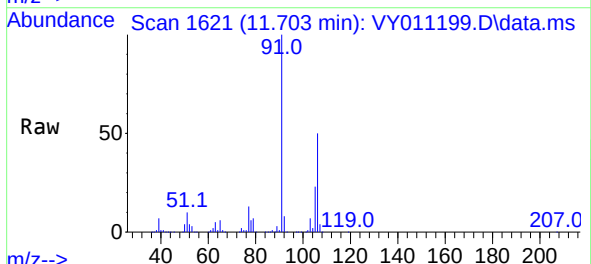
Acq: 31 Oct 2022 16:03

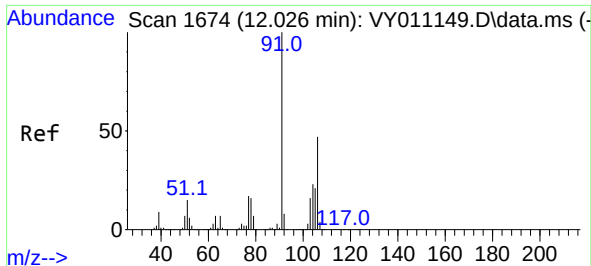
Tgt Ion:106 Resp: 170883

Ion Ratio Lower Upper

106 100

91 202.6 166.6 249.8

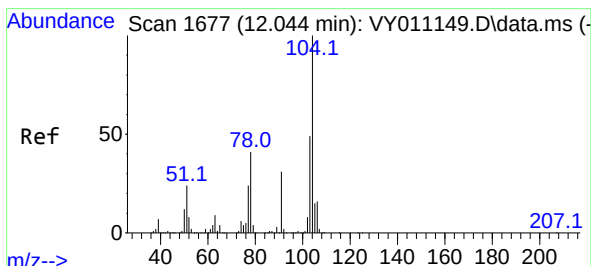
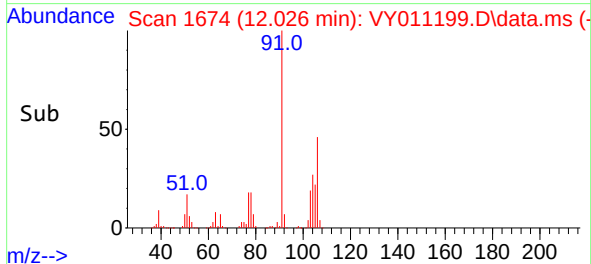
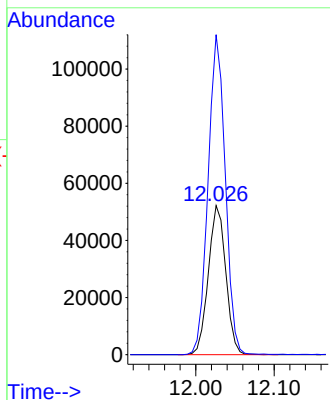
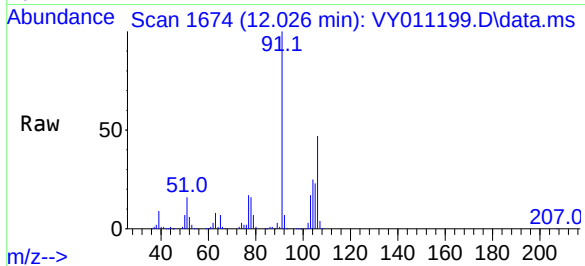




#69
o-Xylene
Concen: 20.318 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

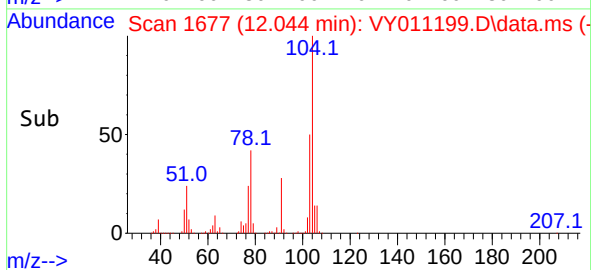
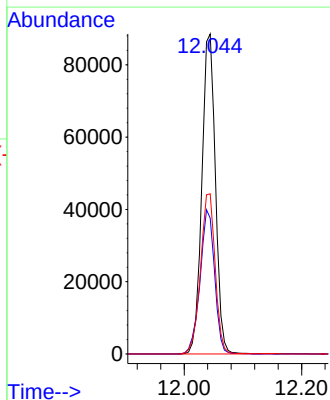
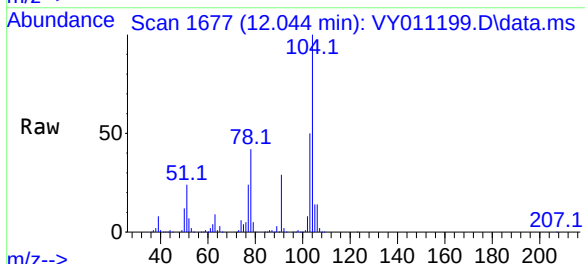
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

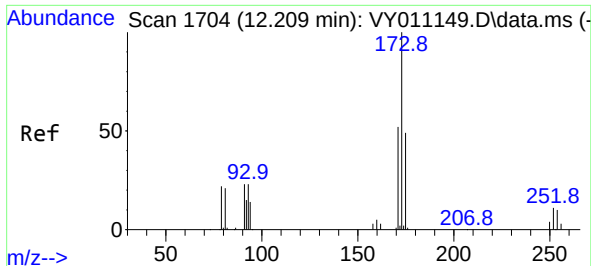
Tgt Ion:106 Resp: 80672
Ion Ratio Lower Upper
106 100
91 211.5 110.3 331.0



#70
Styrene
Concen: 20.945 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Tgt Ion:104 Resp: 142120
Ion Ratio Lower Upper
104 100
78 48.1 42.4 63.6
103 54.2 44.4 66.6

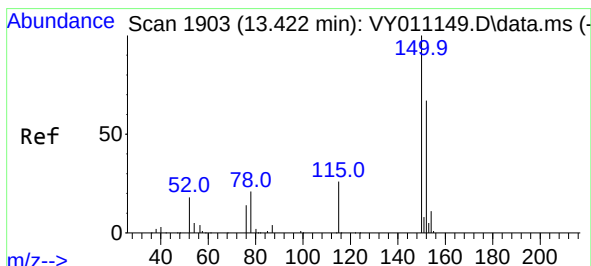
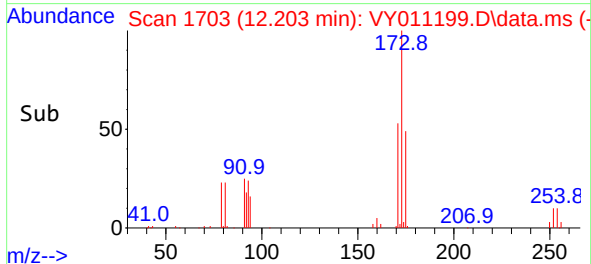
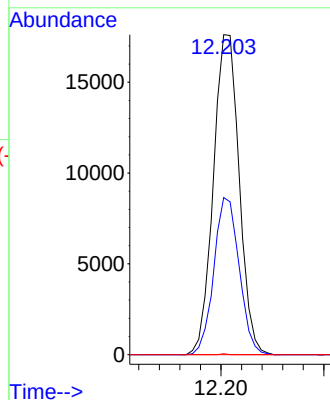
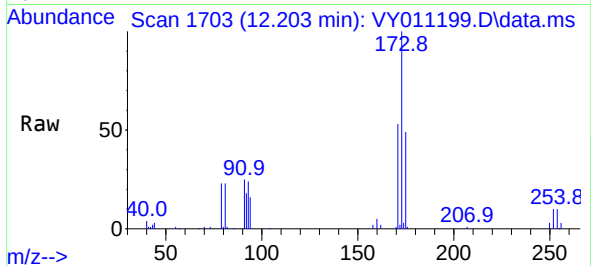




#71
Bromoform
Concen: 20.623 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

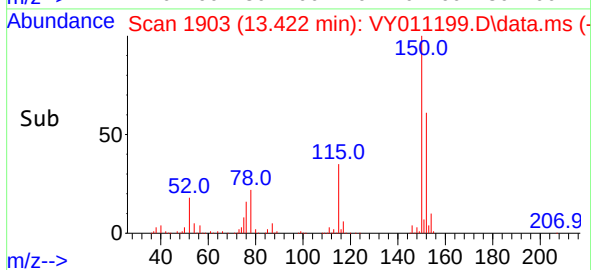
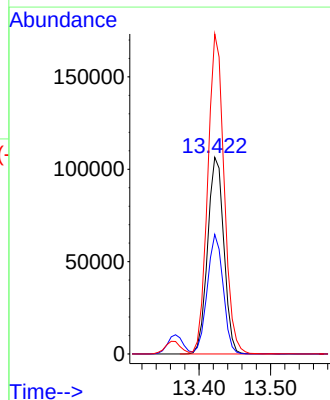
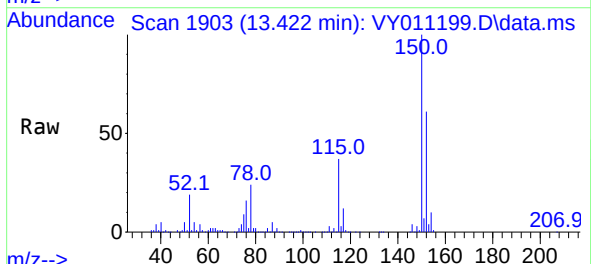
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

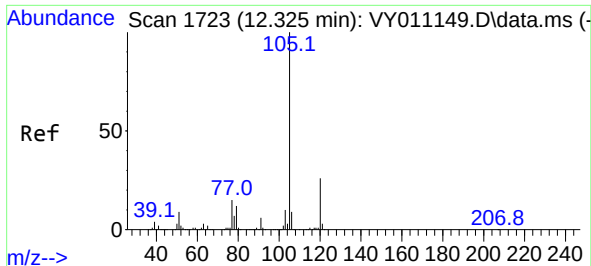
Tgt Ion:173 Resp: 30657
Ion Ratio Lower Upper
173 100
175 48.2 24.6 74.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Tgt Ion:152 Resp: 167633
Ion Ratio Lower Upper
152 100
115 59.2 28.2 84.7
150 164.7 0.0 347.6

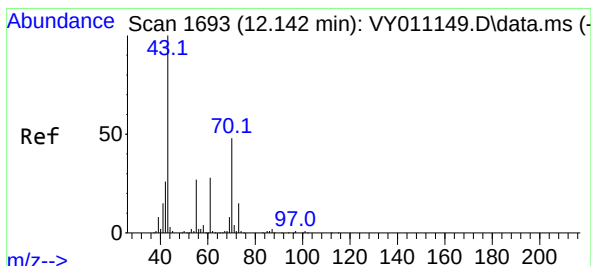
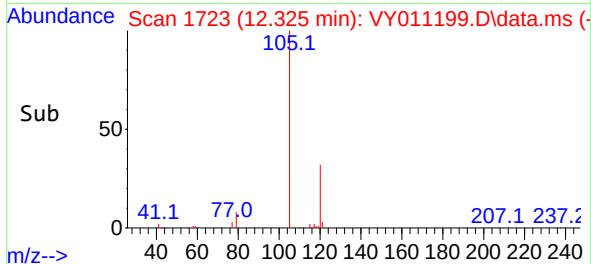
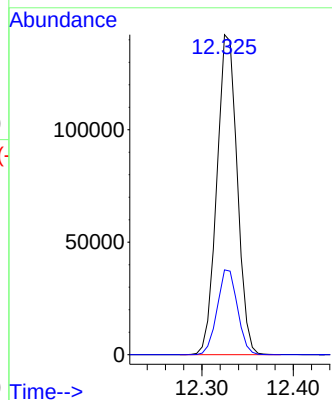
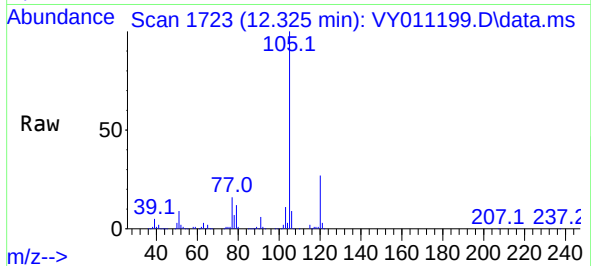




#73
Isopropylbenzene
Concen: 20.157 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

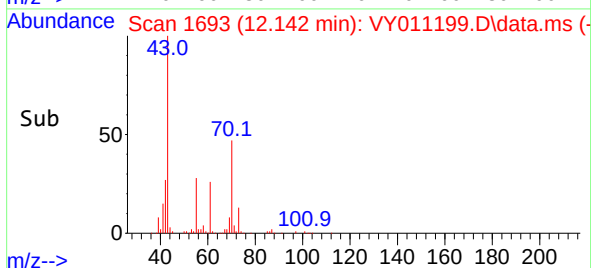
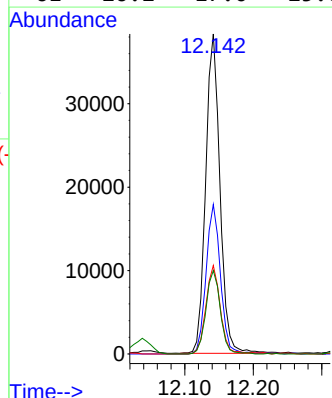
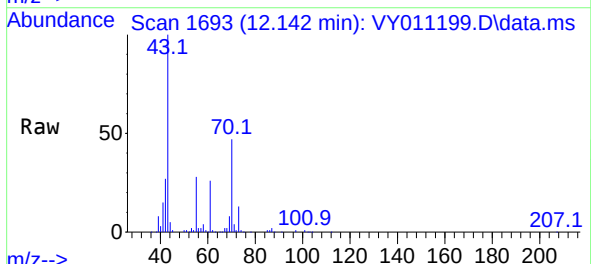
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

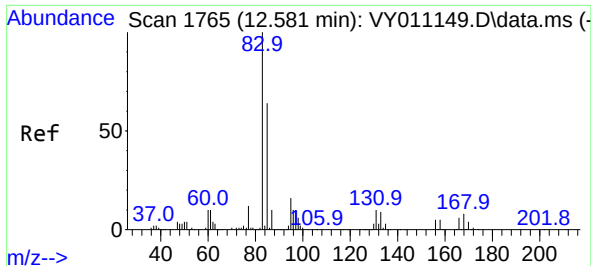
Tgt Ion:105 Resp: 220623
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.2



#74
N-ethyl acetate
Concen: 20.780 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Tgt Ion: 43 Resp: 55830
Ion Ratio Lower Upper
43 100
70 46.9 28.7 43.1#
55 28.2 17.3 25.9#
61 26.2 17.0 25.6#

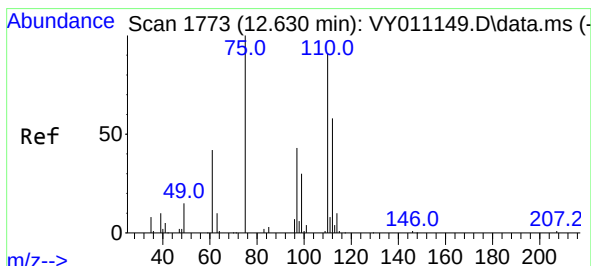
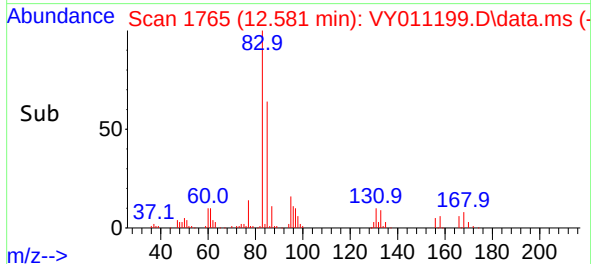
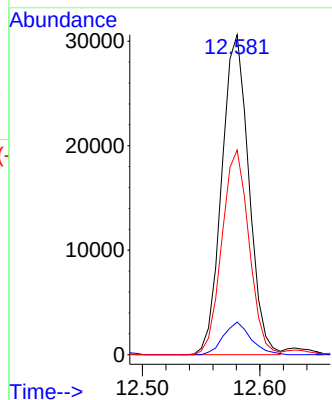
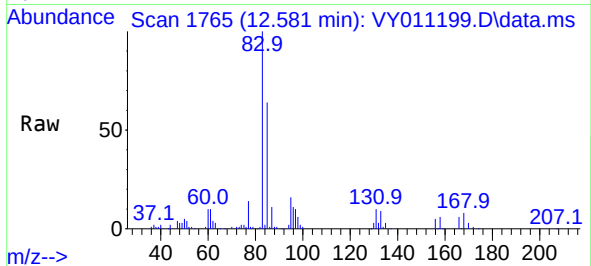




#75
1,1,2,2-Tetrachloroethane
Concen: 20.503 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

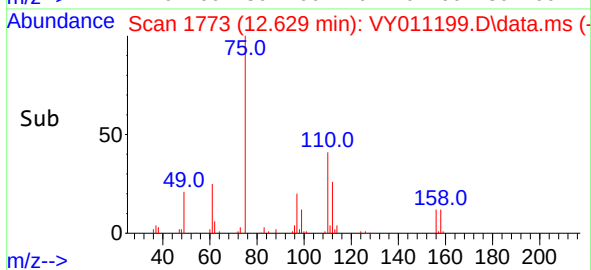
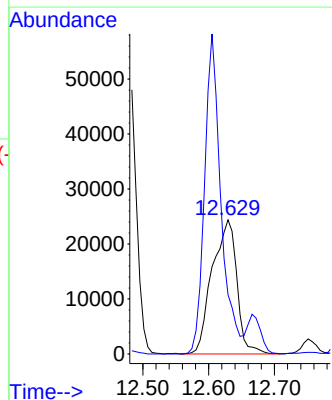
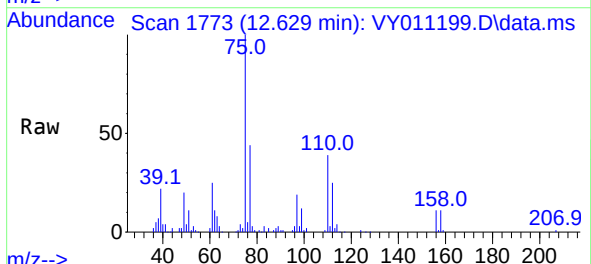
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

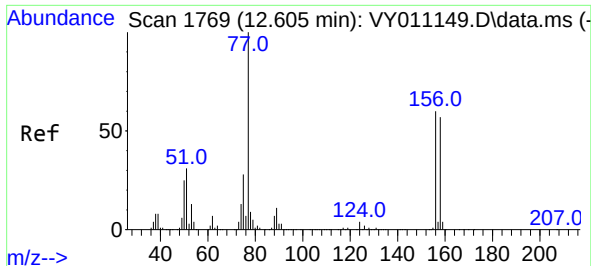
Tgt Ion: 83 Resp: 48959
Ion Ratio Lower Upper
83 100
131 10.3 5.6 16.8
85 64.1 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 36.513 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Tgt Ion: 75 Resp: 63636
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

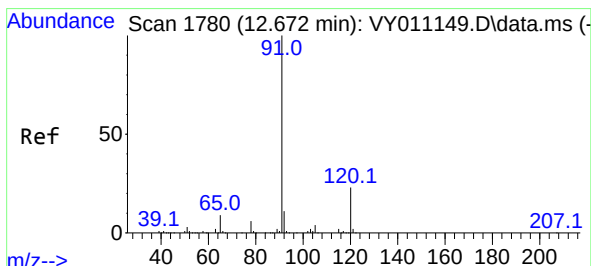
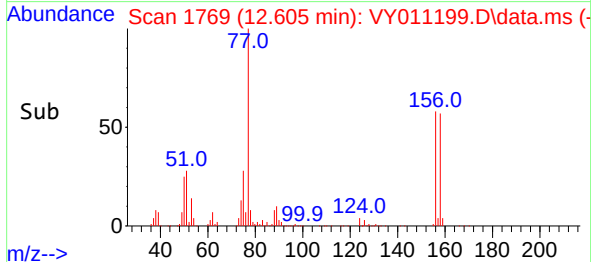
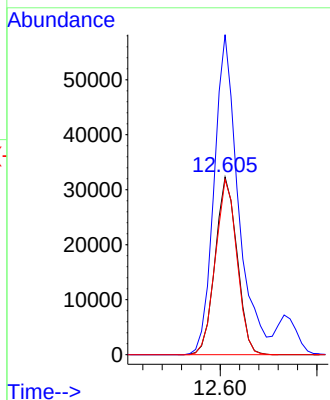
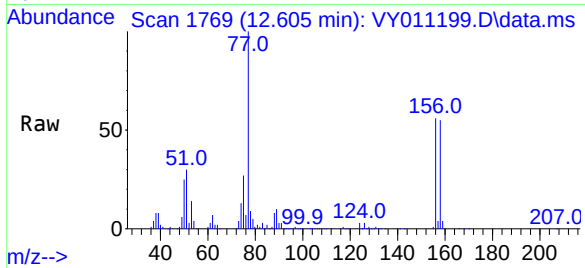




#77
Bromobenzene
Concen: 19.676 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

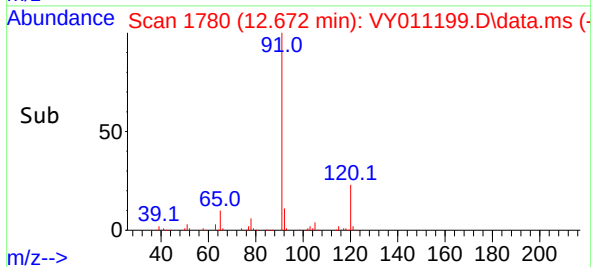
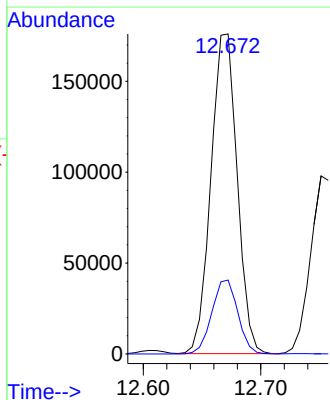
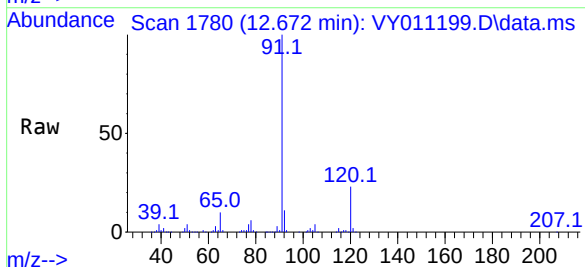
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

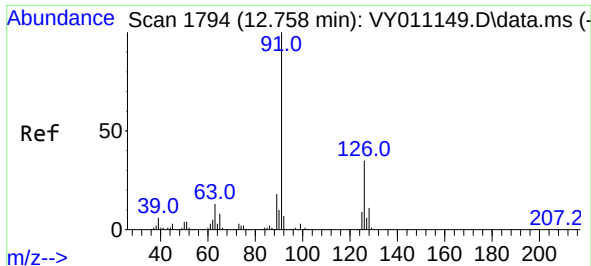
Tgt Ion:156 Resp: 50650
Ion Ratio Lower Upper
156 100
77 198.5 95.5 286.4
158 97.6 48.0 144.0



#78
n-propylbenzene
Concen: 20.513 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Tgt Ion: 91 Resp: 273025
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.9

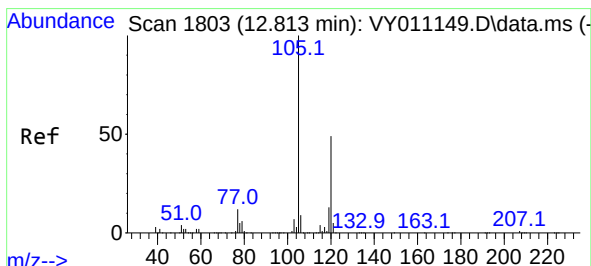
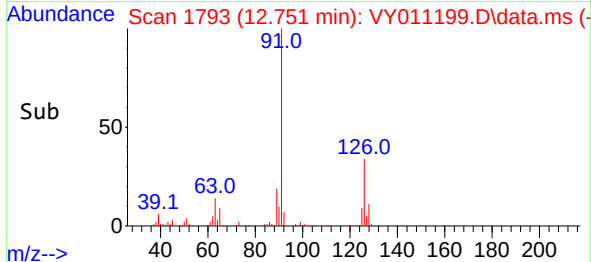
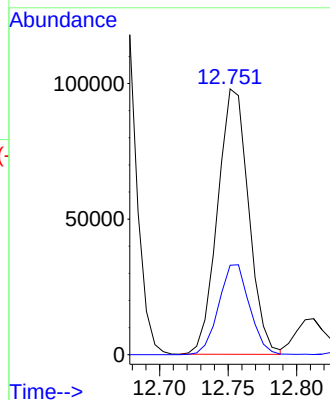
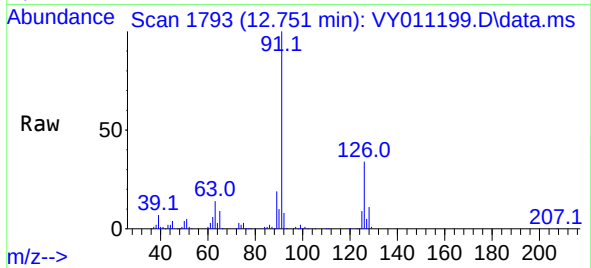




#79
2-Chlorotoluene
Concen: 20.314 ug/l
RT: 12.751 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

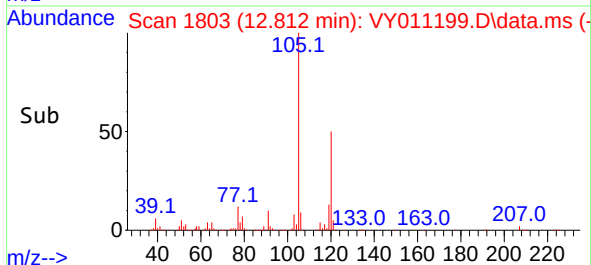
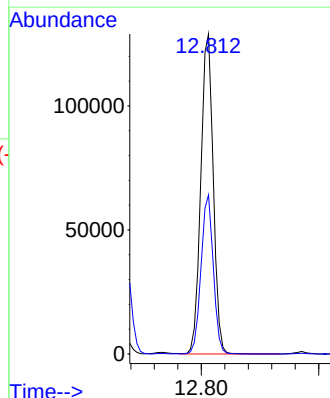
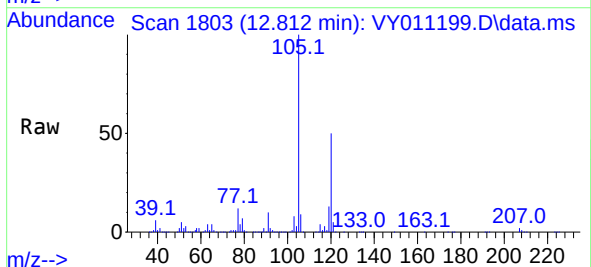
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

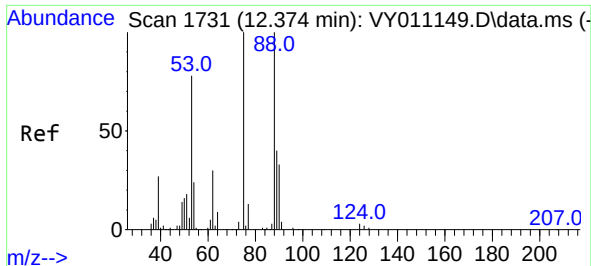
Tgt Ion: 91 Resp: 154645
Ion Ratio Lower Upper
91 100
126 33.6 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 20.517 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Tgt Ion: 105 Resp: 189203
Ion Ratio Lower Upper
105 100
120 48.9 24.4 73.4

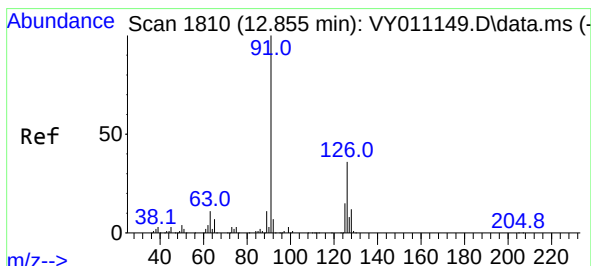
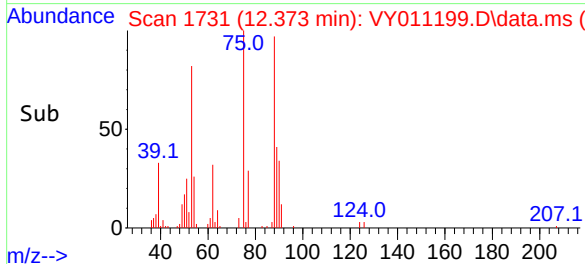
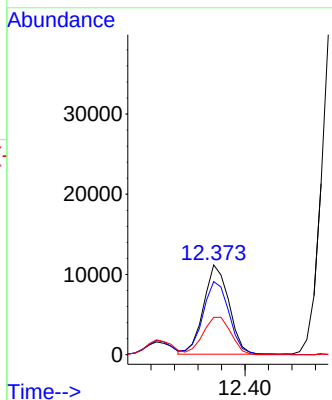
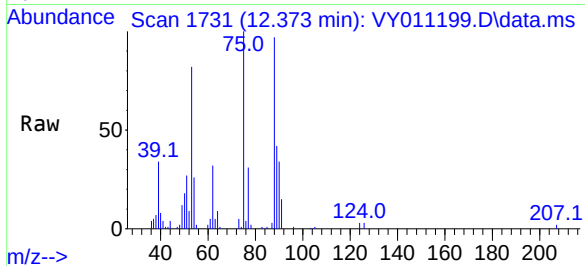




#81
trans-1,4-Dichloro-2-butene
Concen: 20.262 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.001 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

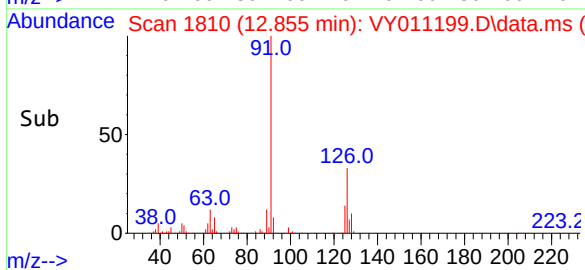
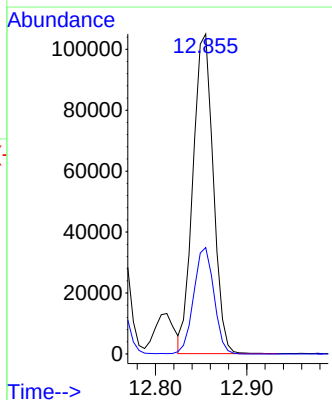
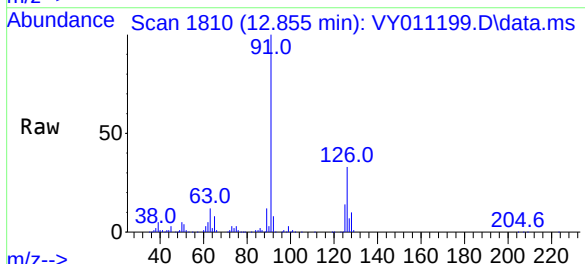
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

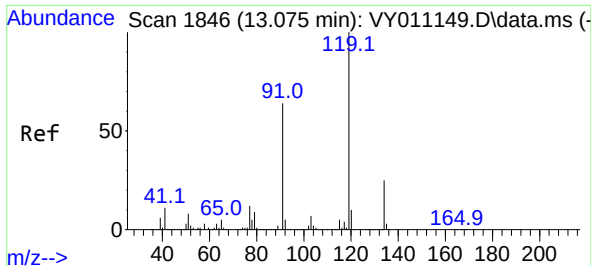
Tgt Ion: 75 Resp: 16628
Ion Ratio Lower Upper
75 100
53 86.0 85.3 127.9
89 46.3 37.0 55.4



#82
4-Chlorotoluene
Concen: 20.522 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Tgt Ion: 91 Resp: 162065
Ion Ratio Lower Upper
91 100
126 33.2 17.0 51.0

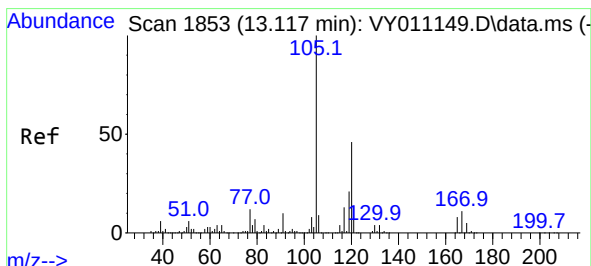
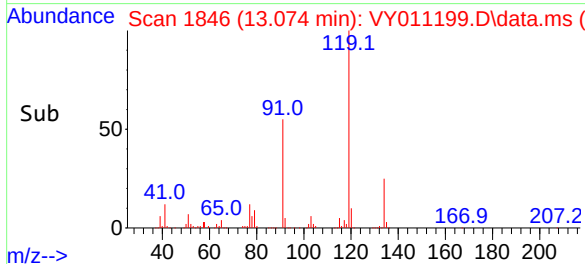
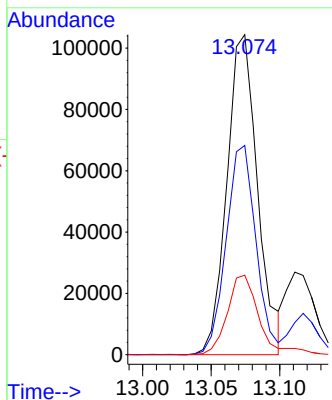
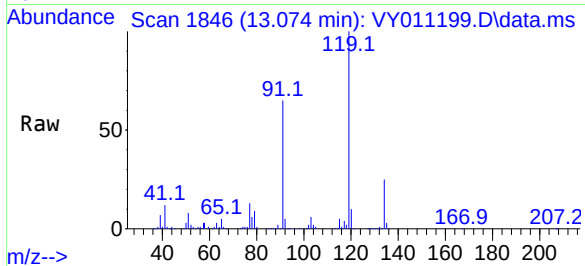




#83
tert-Butylbenzene
Concen: 20.266 ug/l
RT: 13.074 min Scan# 119
Delta R.T. -0.001 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

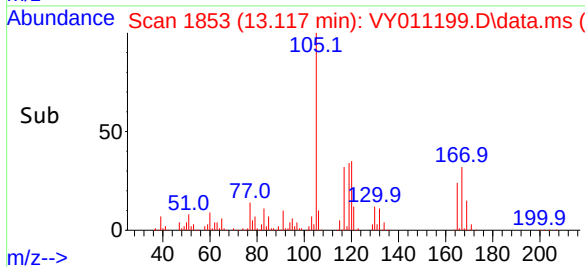
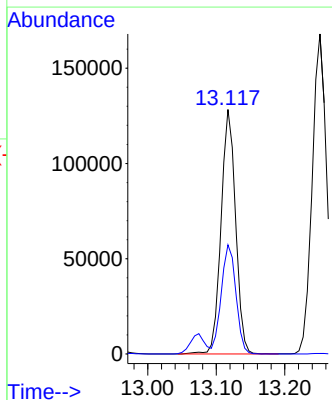
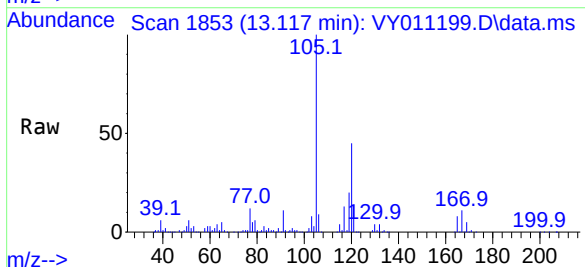
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

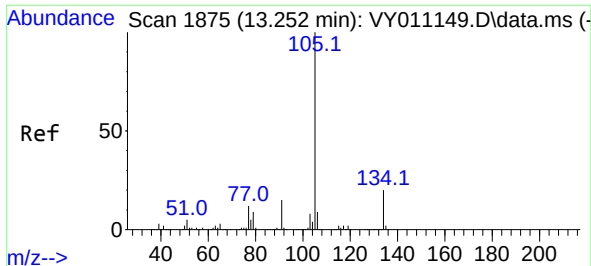
Tgt Ion:119 Resp: 163138
Ion Ratio Lower Upper
119 100
91 63.5 34.8 104.4
134 25.7 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 20.719 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Tgt Ion:105 Resp: 188074
Ion Ratio Lower Upper
105 100
120 44.9 22.3 66.9

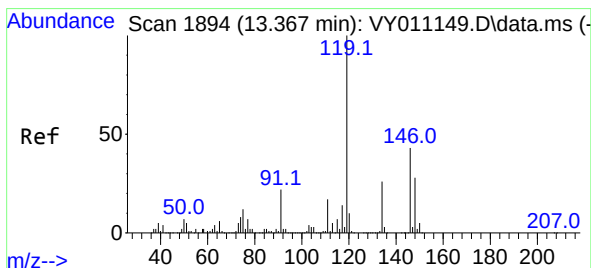
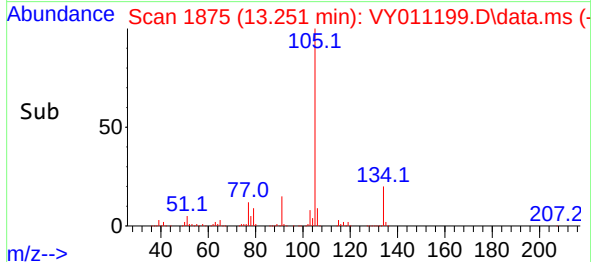
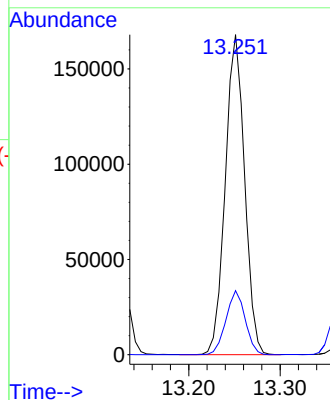
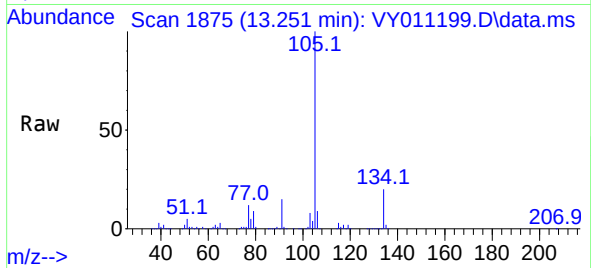




#85
 sec-Butylbenzene
 Concen: 20.511 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.001 min
 Lab File: VY011199.D
 Acq: 31 Oct 2022 16:03

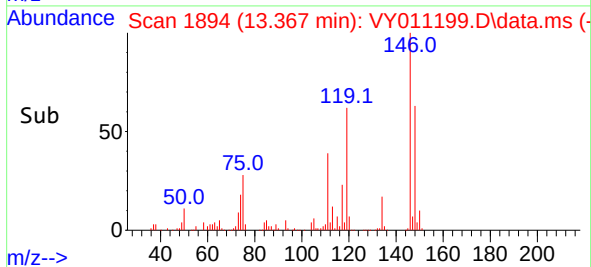
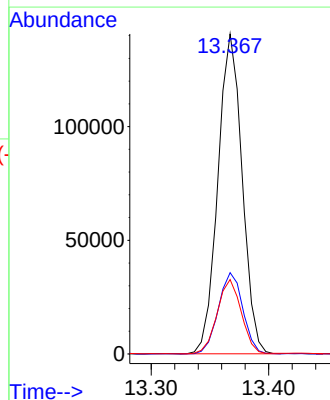
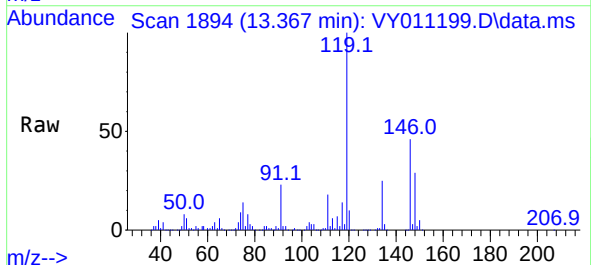
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1031SBS01

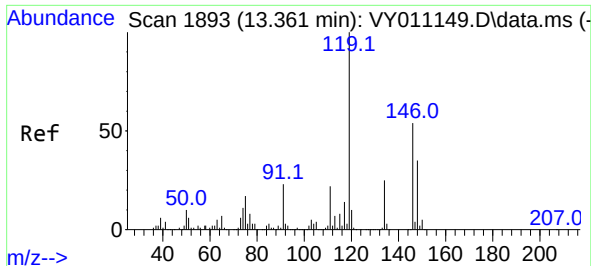
Tgt Ion:105 Resp: 246878
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 20.366 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY011199.D
 Acq: 31 Oct 2022 16:03

Tgt Ion:119 Resp: 201382
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.5
 91 23.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 19.961 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY011199.D

Acq: 31 Oct 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBS01

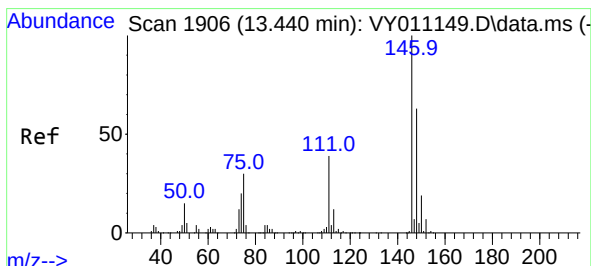
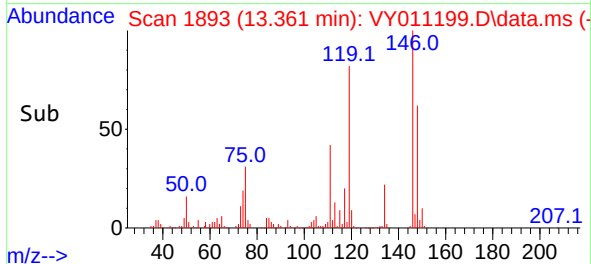
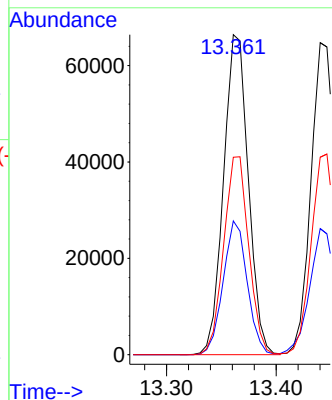
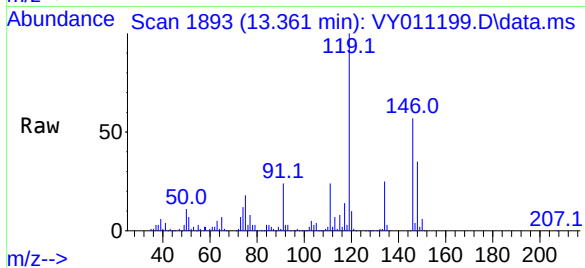
Tgt Ion:146 Resp: 104315

Ion Ratio Lower Upper

146 100

111 40.6 19.5 58.5

148 62.5 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 19.618 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY011199.D

Acq: 31 Oct 2022 16:03

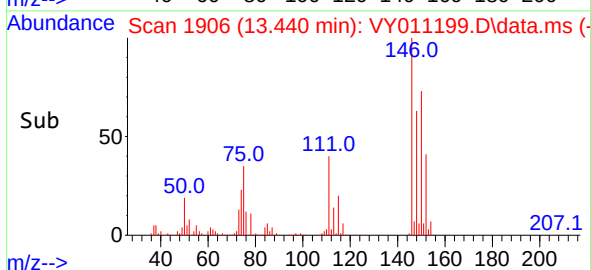
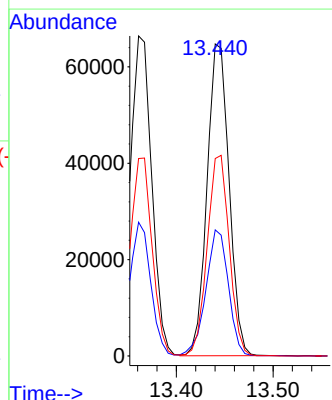
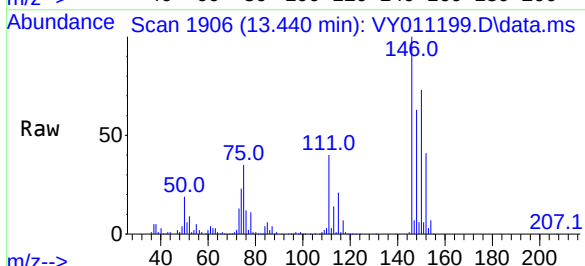
Tgt Ion:146 Resp: 102567

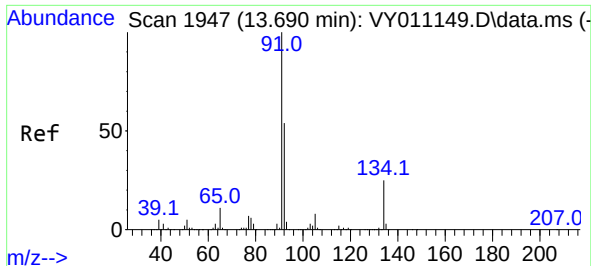
Ion Ratio Lower Upper

146 100

111 41.2 19.3 57.8

148 64.5 32.6 97.8





#89

n-Butylbenzene

Concen: 20.622 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.006 min

Lab File: VY011199.D

Acq: 31 Oct 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBS01

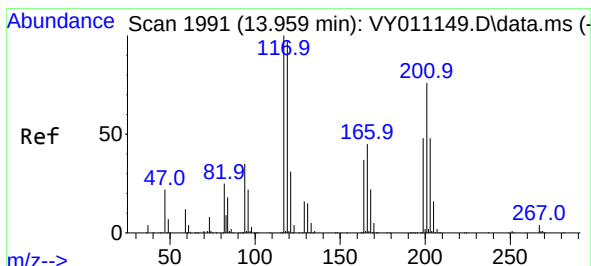
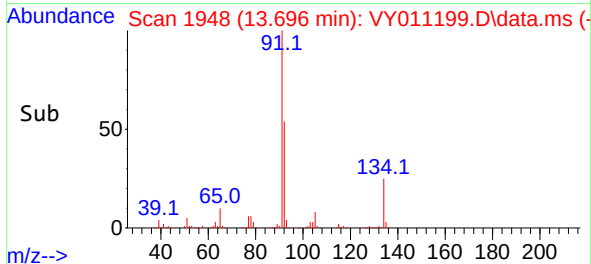
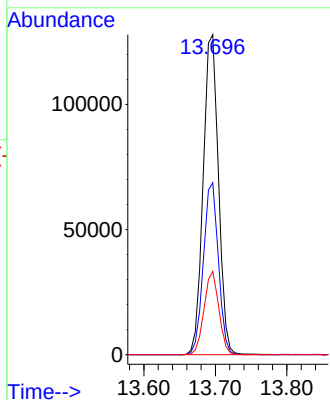
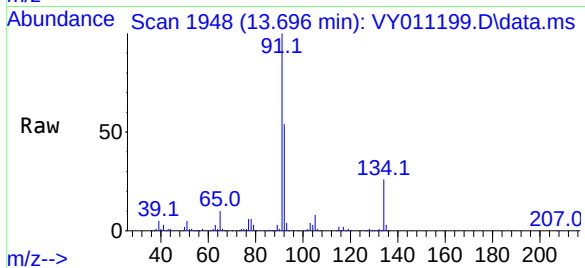
Tgt Ion: 91 Resp: 190464

Ion Ratio Lower Upper

91 100

92 52.6 26.3 78.9

134 25.1 13.0 38.9



#90

Hexachloroethane

Concen: 20.517 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.001 min

Lab File: VY011199.D

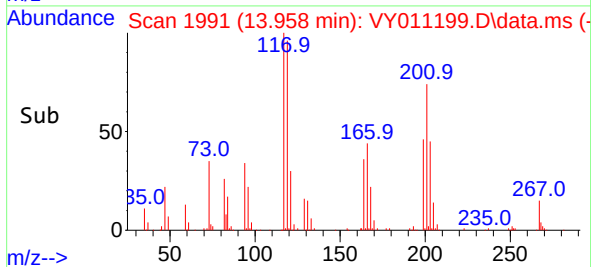
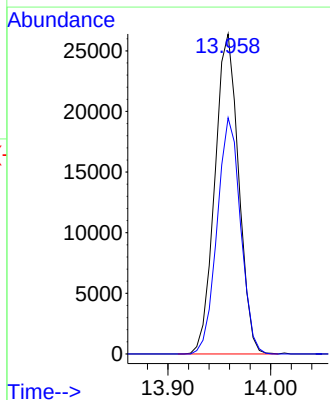
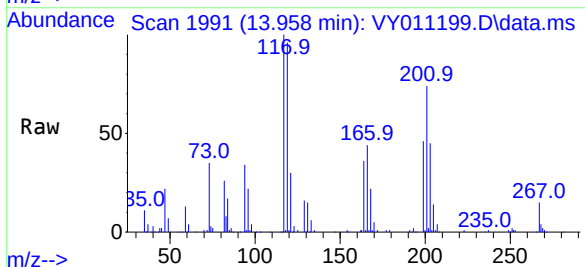
Acq: 31 Oct 2022 16:03

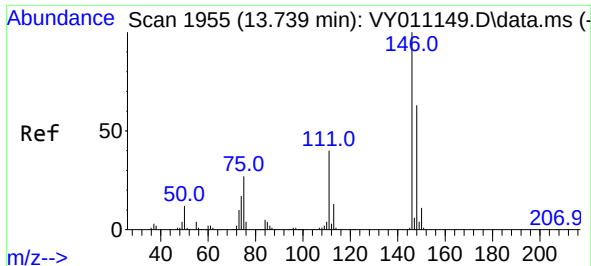
Tgt Ion: 117 Resp: 42380

Ion Ratio Lower Upper

117 100

201 72.8 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 19.920 ug/l

RT: 13.733 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY011199.D

Acq: 31 Oct 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBS01

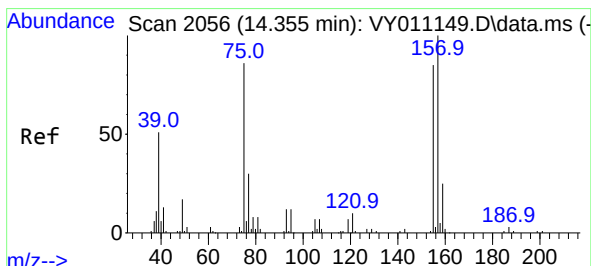
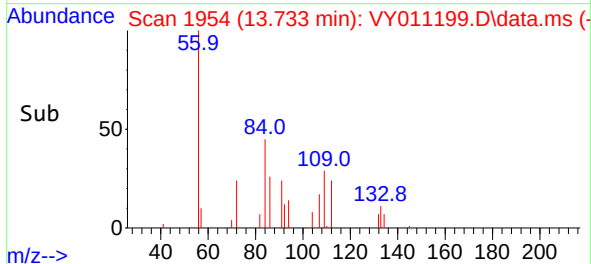
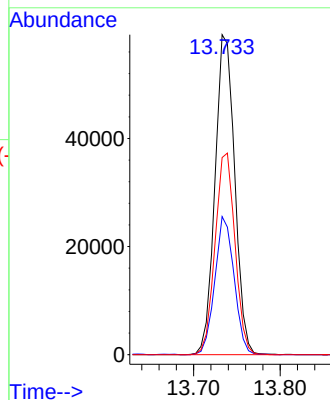
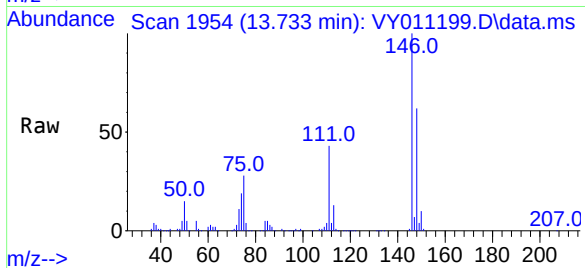
Tgt Ion:146 Resp: 93647

Ion Ratio Lower Upper

146 100

111 42.2 20.3 60.9

148 63.7 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.308 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY011199.D

Acq: 31 Oct 2022 16:03

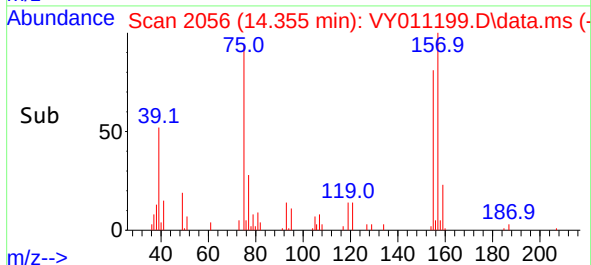
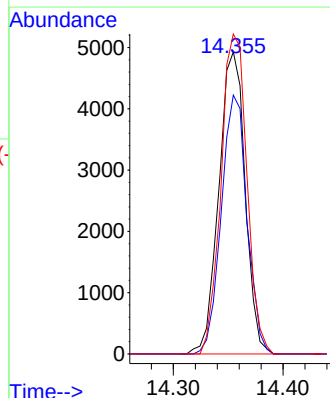
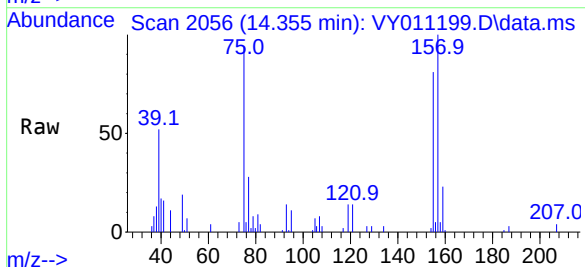
Tgt Ion: 75 Resp: 8191

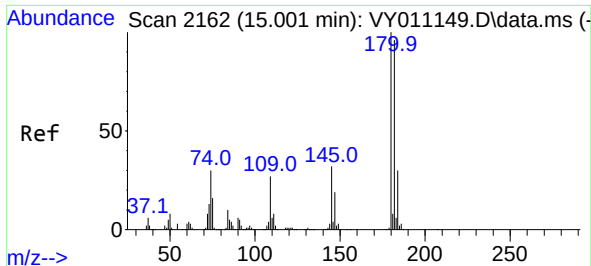
Ion Ratio Lower Upper

75 100

155 83.6 38.0 113.9

157 104.5 47.8 143.3

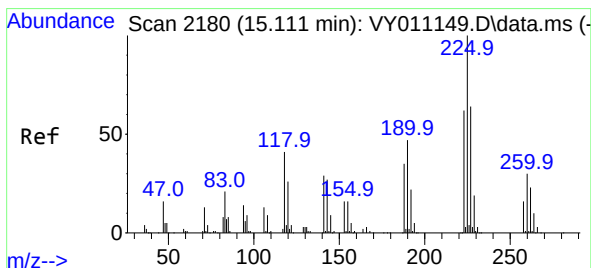
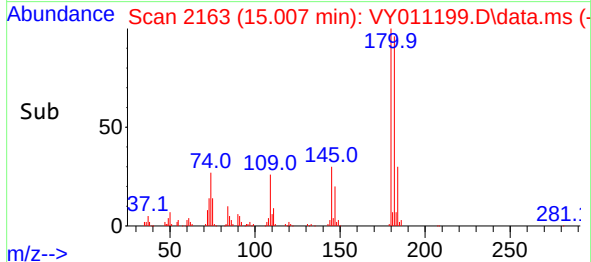
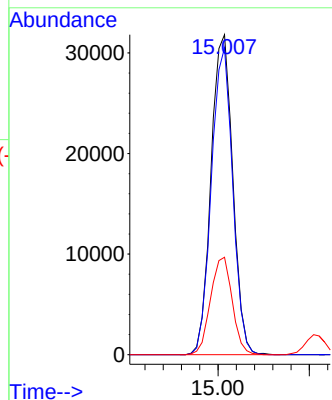
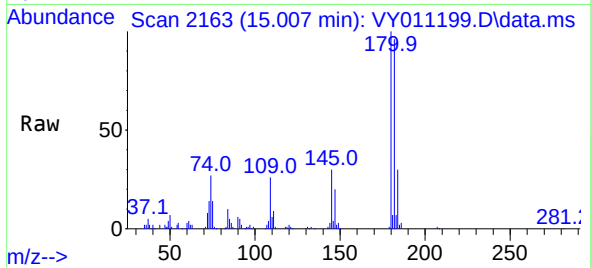




#93
1,2,4-Trichlorobenzene
Concen: 19.479 ug/l
RT: 15.007 min Scan# 2162
Delta R.T. 0.006 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

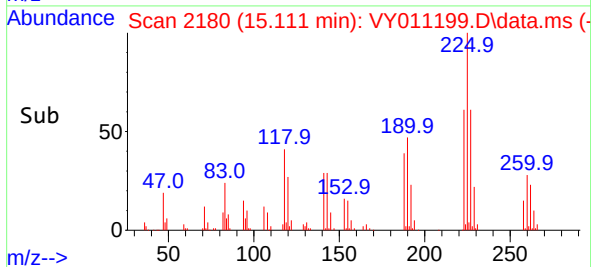
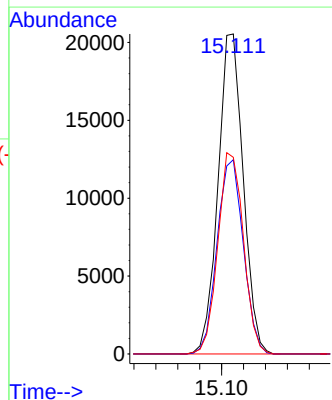
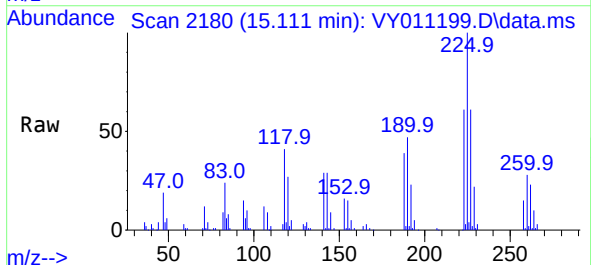
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

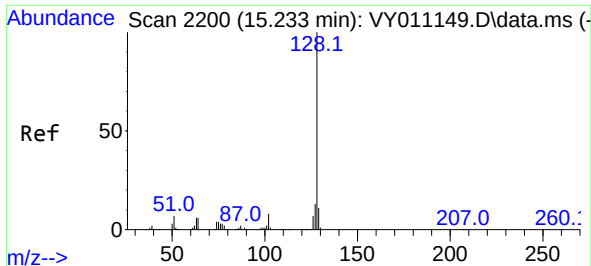
Tgt Ion:180 Resp: 52406
Ion Ratio Lower Upper
180 100
182 93.9 47.3 141.9
145 30.5 14.6 43.8



#94
Hexachlorobutadiene
Concen: 20.189 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Tgt Ion:225 Resp: 32801
Ion Ratio Lower Upper
225 100
223 63.2 30.8 92.3
227 63.8 31.6 94.7



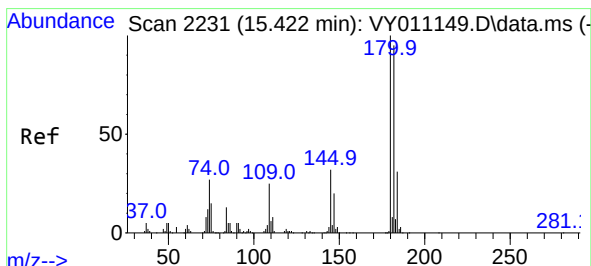
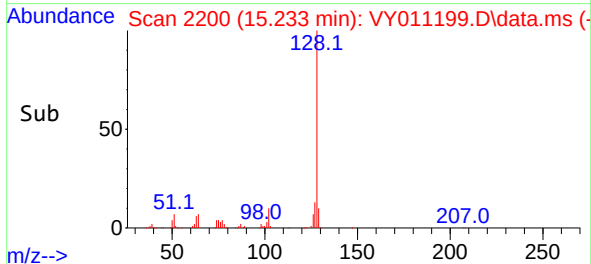
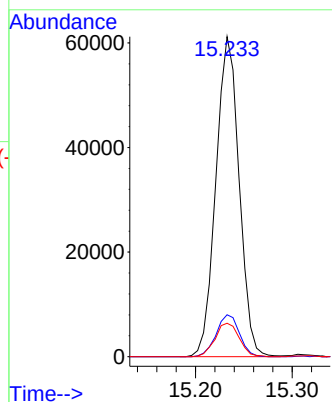
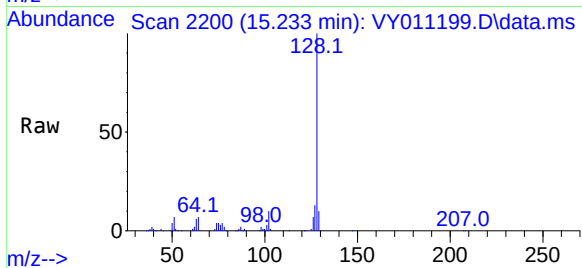


#95
Naphthalene
Concen: 19.807 ug/l
RT: 15.233 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

Tgt Ion:128 Resp: 101928

Ion	Ratio	Lower	Upper
128	100		
127	13.1	11.0	16.4
129	10.9	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 19.358 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY011199.D
Acq: 31 Oct 2022 16:03

Tgt Ion:180 Resp: 45335

Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.3	141.9
145	33.8	15.3	45.9

