

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081522\
 Data File : VY010031.D
 Acq On : 15 Aug 2022 16:51
 Operator : KP/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Aug 16 06:27:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 06:22:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	114327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	164014	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	157808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	81555	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	22041	19.200	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	38.400%#
35) Dibromofluoromethane	7.710	113	20389	20.312	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	40.620%#
50) Toluene-d8	10.173	98	72037	18.702	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	37.400%#
62) 4-Bromofluorobenzene	12.477	95	25771	18.245	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	36.500%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	18431	18.254	ug/l	98
3) Chloromethane	2.107	50	24301	28.986	ug/l	96
4) Vinyl Chloride	2.241	62	30829	33.114	ug/l	100
5) Bromomethane	2.631	94	26093	36.836	ug/l	93
6) Chloroethane	2.778	64	21627	34.820	ug/l	98
7) Trichlorofluoromethane	3.107	101	38083	19.409	ug/l	98
8) Diethyl Ether	3.515	74	10391	14.742	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.881	101	19484	15.943	ug/l	96
10) Methyl Iodide	4.070	142	23207	15.788	ug/l	98
11) Tert butyl alcohol	4.936	59	6316	54.176	ug/l #	91
12) 1,1-Dichloroethene	3.857	96	17702	15.004	ug/l	90
13) Acrolein	3.716	56	8268	61.128	ug/l	95
14) Allyl chloride	4.460	41	24354	14.695	ug/l	97
15) Acrylonitrile	5.149	53	23690	70.640	ug/l	99
16) Acetone	3.942	43	22056	82.167	ug/l #	89
17) Carbon Disulfide	4.180	76	45550	12.010	ug/l	98
18) Methyl Acetate	4.460	43	12342	15.873	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	48018	16.573	ug/l	99
20) Methylene Chloride	4.698	84	23912	14.101	ug/l	97
21) trans-1,2-Dichloroethene	5.204	96	19334	14.682	ug/l	94
22) Diisopropyl ether	6.106	45	57802	17.049	ug/l	97
23) Vinyl Acetate	6.051	43	174829	83.594	ug/l	99
24) 1,1-Dichloroethane	6.009	63	33876	15.830	ug/l	97
25) 2-Butanone	6.978	43	33687	80.354	ug/l	99
26) 2,2-Dichloropropane	6.966	77	35307	18.245	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	23042	16.254	ug/l	99
28) Bromochloromethane	7.325	49	13632	15.945	ug/l	99
29) Tetrahydrofuran	7.338	42	20407	77.442	ug/l	98
30) Chloroform	7.496	83	38992	17.473	ug/l	98
31) Cyclohexane	7.777	56	28476	14.200	ug/l #	93
32) 1,1,1-Trichloroethane	7.691	97	36722	19.030	ug/l	97
36) 1,1-Dichloropropene	7.905	75	27602	18.418	ug/l	98
37) Ethyl Acetate	7.063	43	15658	19.422	ug/l	99
38) Carbon Tetrachloride	7.886	117	34611	22.415	ug/l	98
39) Methylcyclohexane	9.179	83	29634	16.608	ug/l	95
40) Benzene	8.149	78	80869	18.037	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	19728	46.080	ug/l #	79
42) 1,2-Dichloroethane	8.228	62	26099	21.843	ug/l	99
43) Isopropyl Acetate	8.264	43	27227	19.321	ug/l #	88
44) Trichloroethene	8.935	130	24452	19.816	ug/l	91
45) 1,2-Dichloropropane	9.209	63	19570	18.232	ug/l	98
46) Dibromomethane	9.301	93	12651	19.474	ug/l	99
47) Bromodichloromethane	9.490	83	30585	20.853	ug/l	99
48) Methyl methacrylate	9.289	41	11403	18.439	ug/l	95
49) 1,4-Dioxane	9.289	88	2598	369.846	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	73506	96.095	ug/l	98
52) Toluene	10.240	92	50076	18.207	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	27858	18.667	ug/l	91
54) cis-1,3-Dichloropropene	9.923	75	31493	18.415	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	16572	17.904	ug/l	98
56) Ethyl methacrylate	10.508	69	18966	16.752	ug/l	92
57) 1,3-Dichloropropane	10.788	76	25850	17.258	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	50334	101.378	ug/l	98
59) 2-Hexanone	10.825	43	41030	77.842	ug/l	94
60) Dibromochloromethane	10.983	129	23231	21.596	ug/l	97
61) 1,2-Dibromoethane	11.081	107	16645	18.748	ug/l	94
64) Tetrachloroethene	10.715	164	24876	21.090	ug/l	98
65) Chlorobenzene	11.514	112	61252	19.038	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	24933	21.417	ug/l	100
67) Ethyl Benzene	11.587	91	100810	18.515	ug/l	95
68) m/p-Xylenes	11.703	106	82432	38.881	ug/l	95
69) o-Xylene	12.026	106	36207	18.013	ug/l	95
70) Styrene	12.044	104	62206	18.178	ug/l	98
71) Bromoform	12.203	173	15153	20.580	ug/l #	99
73) Isopropylbenzene	12.325	105	96309	17.841	ug/l	98
74) N-amyl acetate	12.142	43	19260	13.859	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.575	83	18181	14.945	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	23918	26.170	ug/l #	100
77) Bromobenzene	12.605	156	25897	19.732	ug/l	90
78) n-propylbenzene	12.666	91	123479	18.286	ug/l	99
79) 2-Chlorotoluene	12.751	91	67661	17.739	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	84046	18.993	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	5792	13.842	ug/l	96
82) 4-Chlorotoluene	12.855	91	69172	17.353	ug/l	97
83) tert-Butylbenzene	13.074	119	74125	19.038	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	84534	18.976	ug/l	100
85) sec-Butylbenzene	13.251	105	105920	17.730	ug/l	97
86) p-Isopropyltoluene	13.367	119	92394	19.432	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	53363	20.409	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	54639	20.205	ug/l	98
89) n-Butylbenzene	13.696	91	80635	17.786	ug/l	98
90) Hexachloroethane	13.958	117	18653	18.596	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	47819	20.541	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3151	16.098	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	27872	20.846	ug/l	99
94) Hexachlorobutadiene	15.111	225	18265	23.613	ug/l	98
95) Naphthalene	15.233	128	47717	18.095	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	24362	20.637	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Aug 16 06:22:55 2022
Response via : Initial Calibration

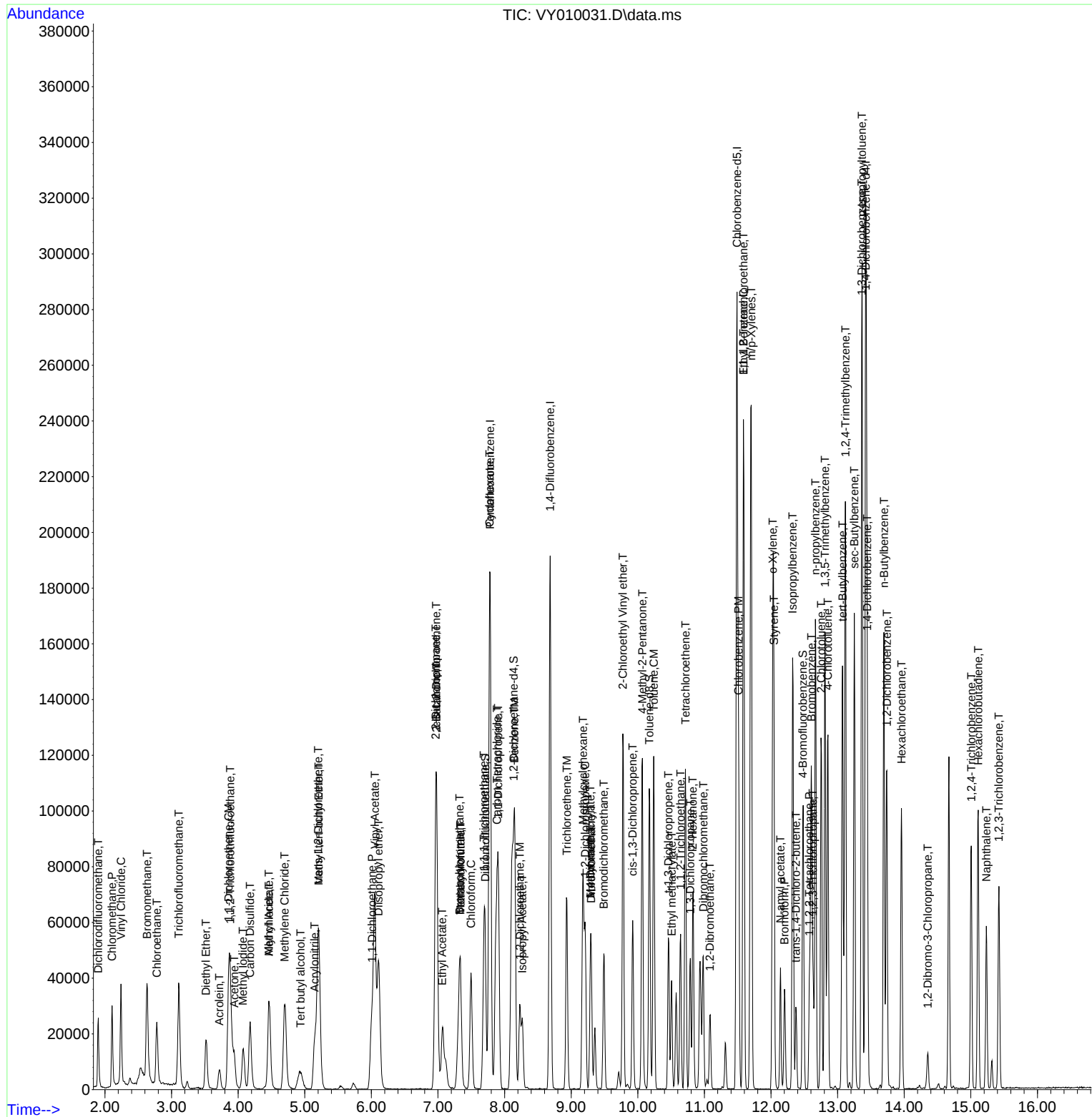
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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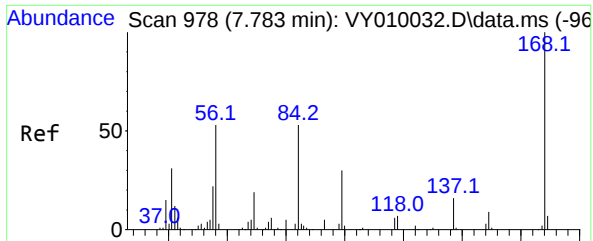
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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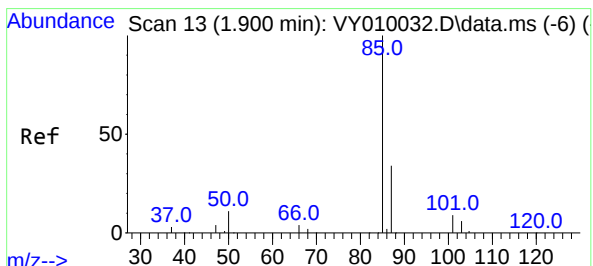
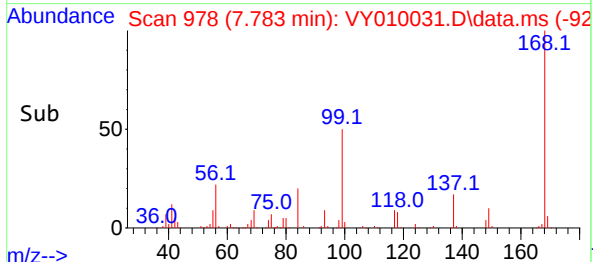
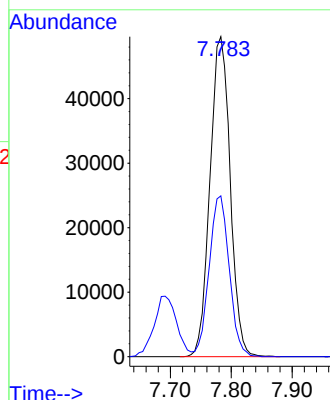
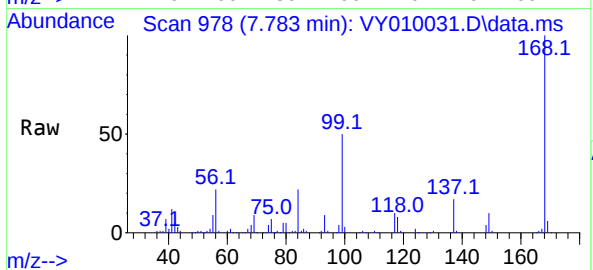




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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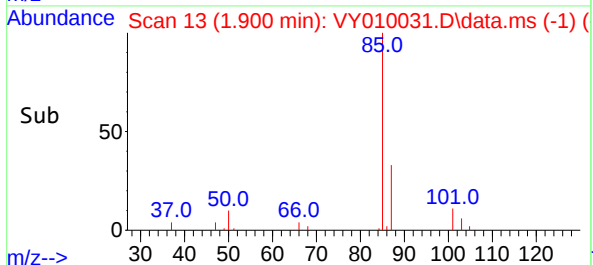
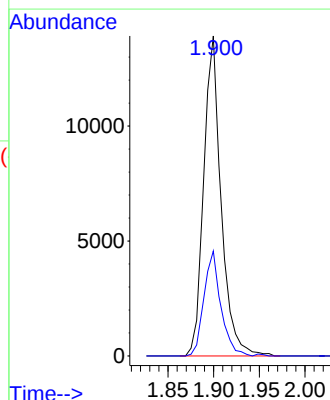
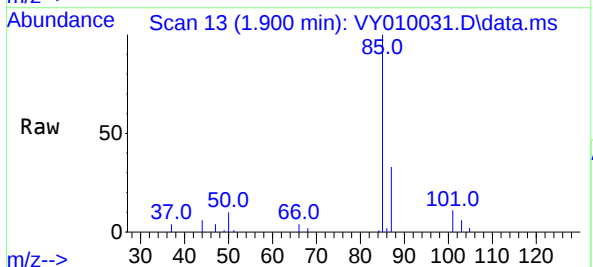
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:168 Resp: 114327
Ion Ratio Lower Upper
168 100
99 50.2 37.7 56.5

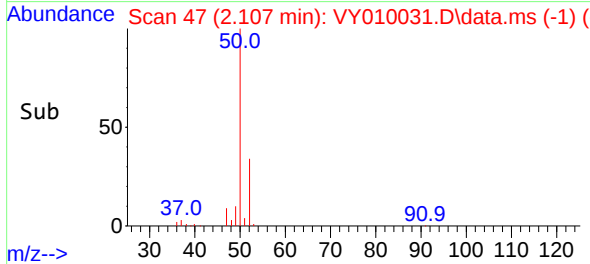
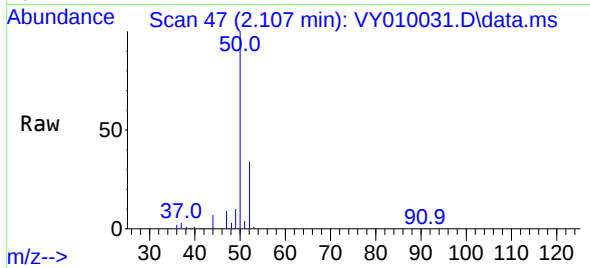
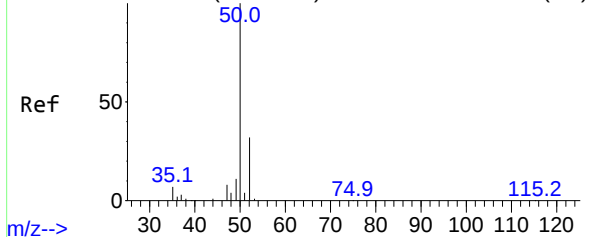


#2
Dichlorodifluoromethane
Concen: 18.254 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion: 85 Resp: 18431
Ion Ratio Lower Upper
85 100
87 32.8 16.9 50.7



Abundance Scan 47 (2.107 min): VY010032.D\data.ms (-40)



#3

Chloromethane

Concen: 28.986 ug/l

RT: 2.107 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY010031.D

Acq: 15 Aug 2022 16:51

Instrument :

MSVOA_Y

ClientSampleId :

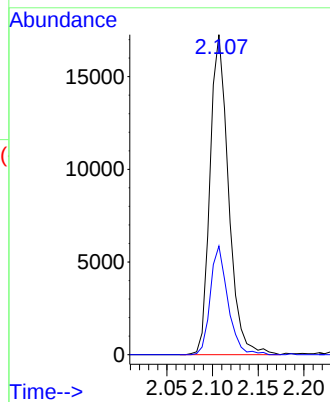
VSTDICC020

Tgt Ion: 50 Resp: 24301

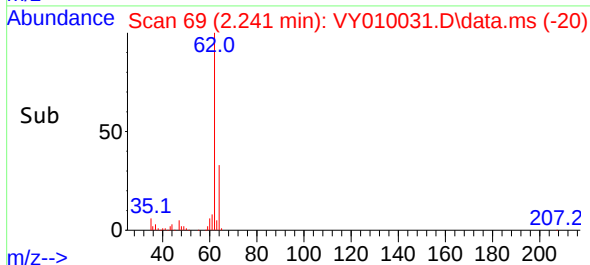
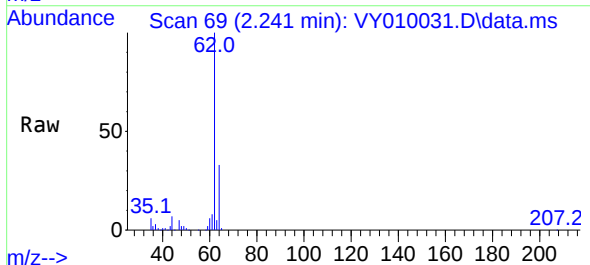
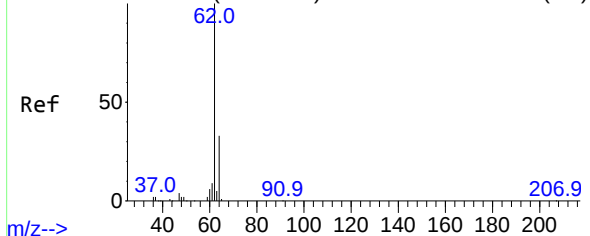
Ion Ratio Lower Upper

50 100

52 34.0 25.5 38.3



Abundance Scan 69 (2.241 min): VY010032.D\data.ms (-62)



#4

Vinyl Chloride

Concen: 33.114 ug/l

RT: 2.241 min Scan# 69

Delta R.T. -0.000 min

Lab File: VY010031.D

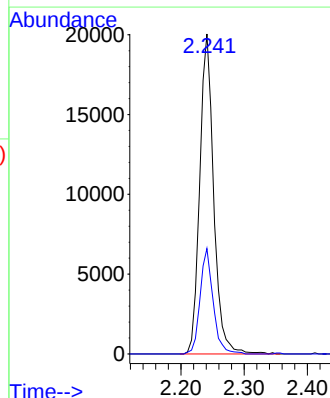
Acq: 15 Aug 2022 16:51

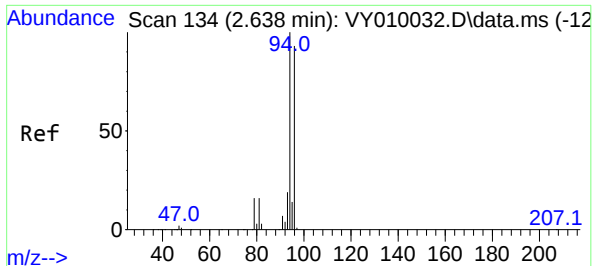
Tgt Ion: 62 Resp: 30829

Ion Ratio Lower Upper

62 100

64 33.0 26.6 39.8

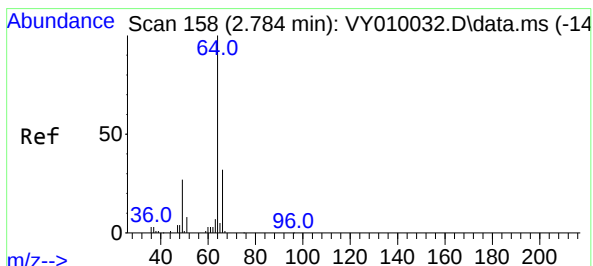
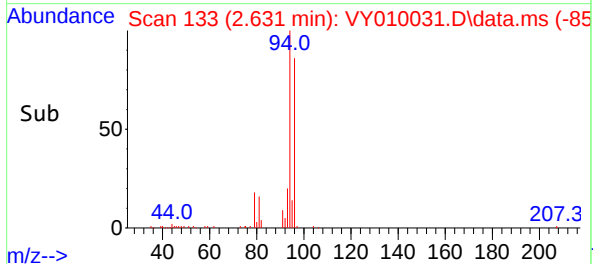
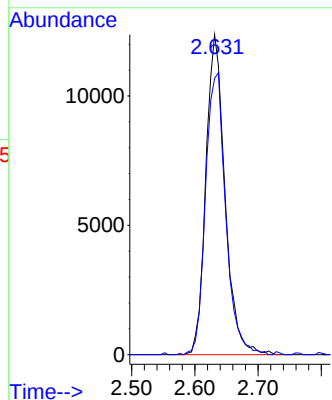
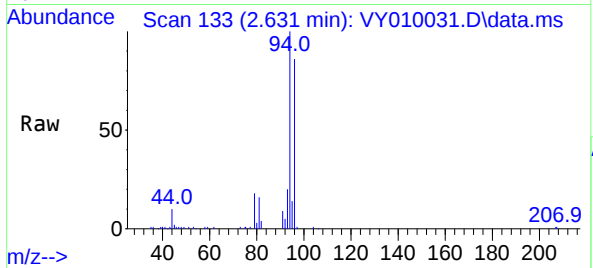




#5
Bromomethane
Concen: 36.836 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010031.D
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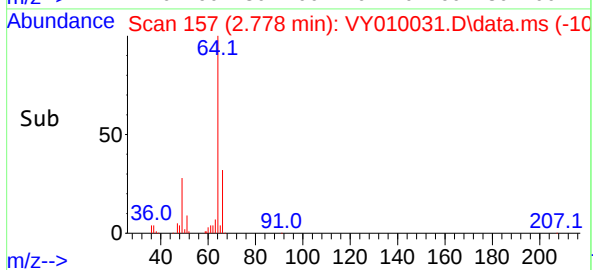
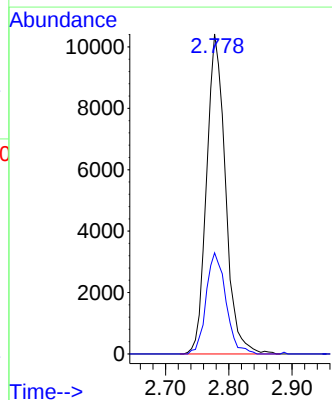
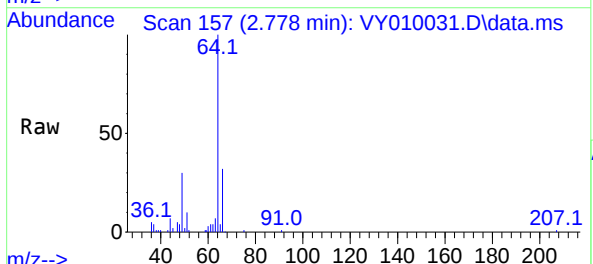
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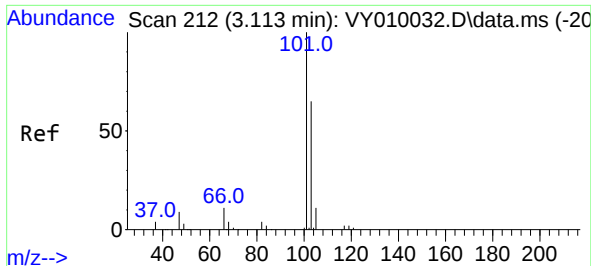
Tgt Ion: 94 Resp: 26093
Ion Ratio Lower Upper
94 100
96 85.9 74.2 111.2



#6
Chloroethane
Concen: 34.820 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion: 64 Resp: 21627
Ion Ratio Lower Upper
64 100
66 31.6 26.0 39.0

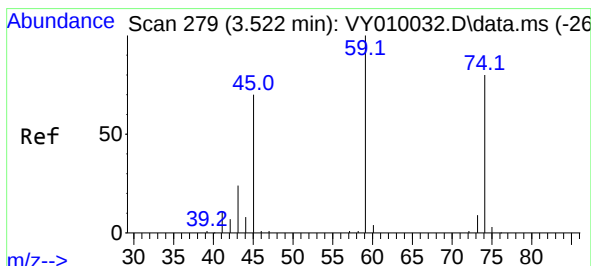
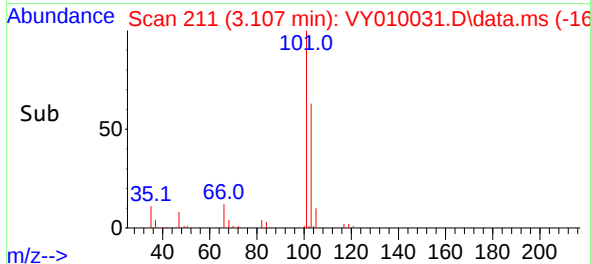
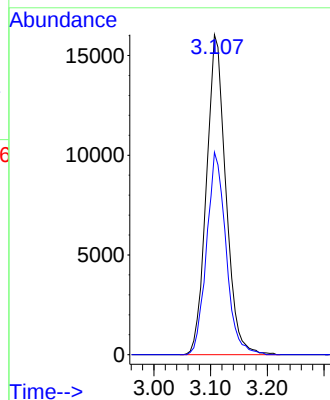
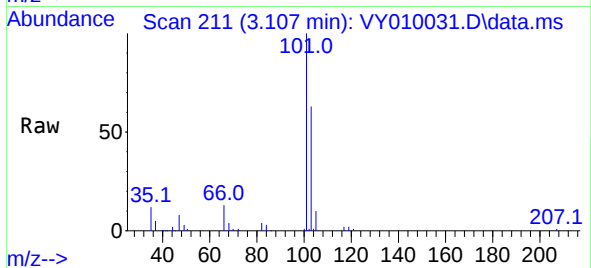




#7
Trichlorofluoromethane
Concen: 19.409 ug/l
RT: 3.107 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

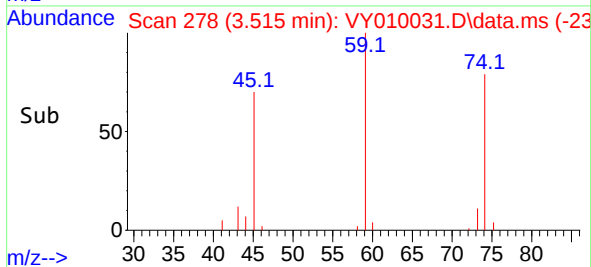
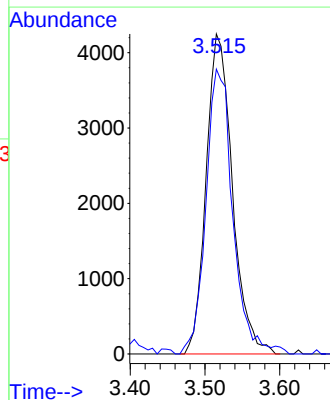
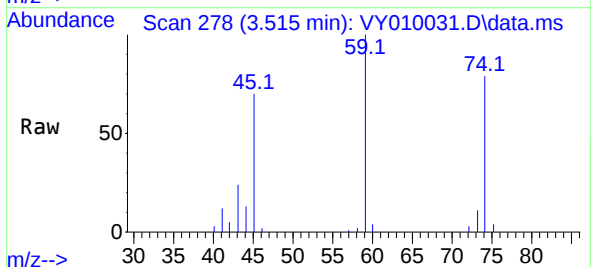
Instrument :
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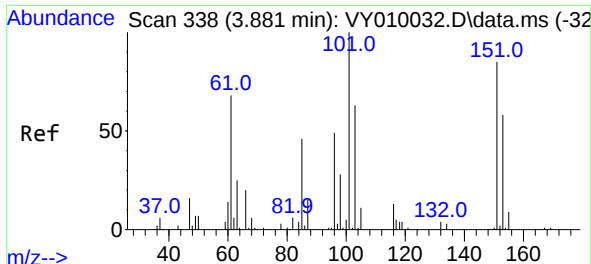
Tgt Ion:101 Resp: 38083
Ion Ratio Lower Upper
101 100
103 63.3 52.1 78.1



#8
Diethyl Ether
Concen: 14.742 ug/l
RT: 3.515 min Scan# 278
Delta R.T. -0.006 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion: 74 Resp: 10391
Ion Ratio Lower Upper
74 100
45 91.3 46.4 139.1

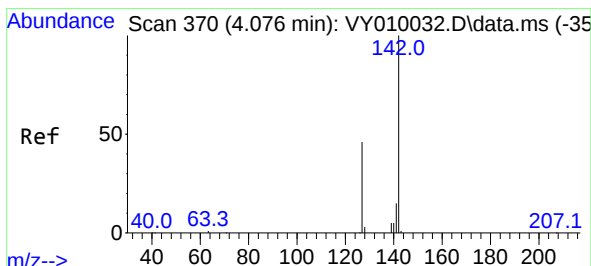
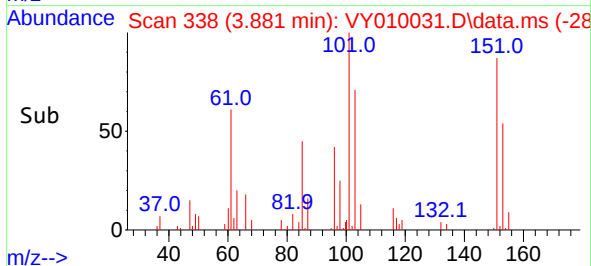
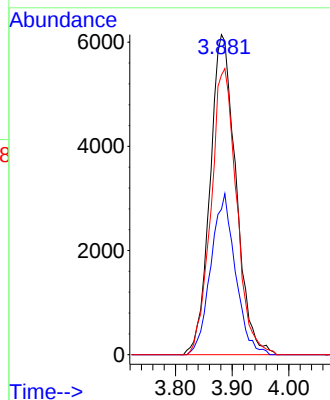
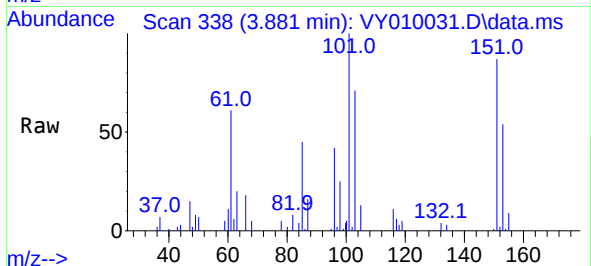




#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.943 ug/l
RT: 3.881 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

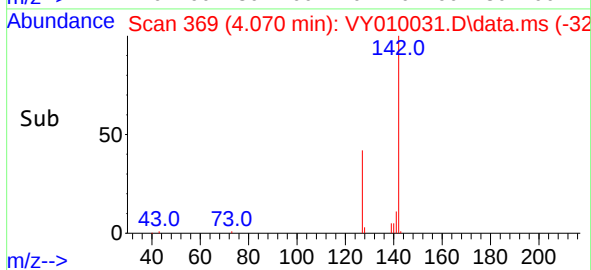
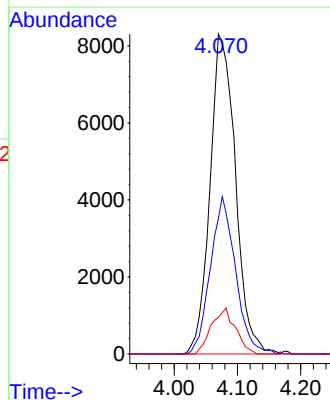
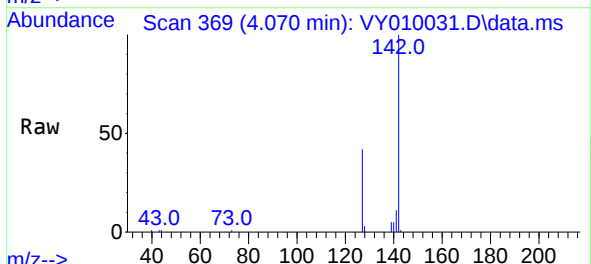
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

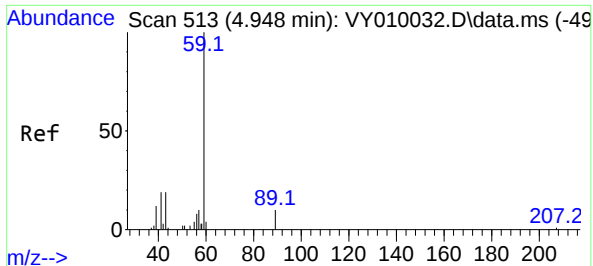
Tgt Ion:101 Resp: 19484
Ion Ratio Lower Upper
101 100
85 47.8 35.6 53.4
151 88.4 68.6 102.8



#10
Methyl Iodide
Concen: 15.788 ug/l
RT: 4.070 min Scan# 369
Delta R.T. -0.006 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion:142 Resp: 23207
Ion Ratio Lower Upper
142 100
127 48.6 37.9 56.9
141 13.5 11.6 17.4

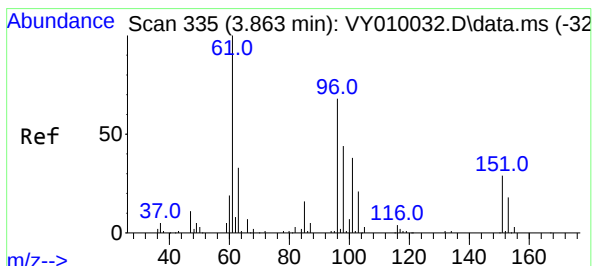
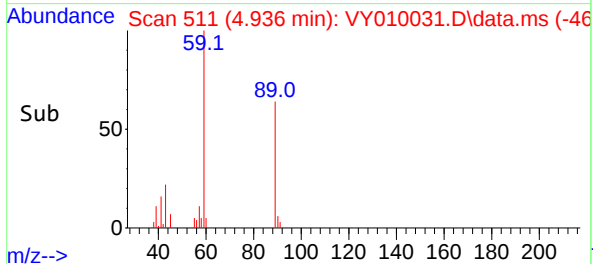
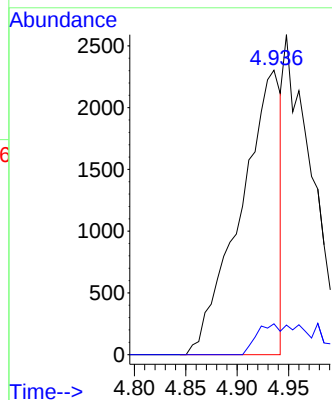
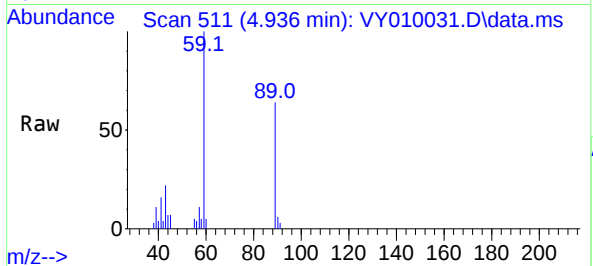




#11
Tert butyl alcohol
Concen: 54.176 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

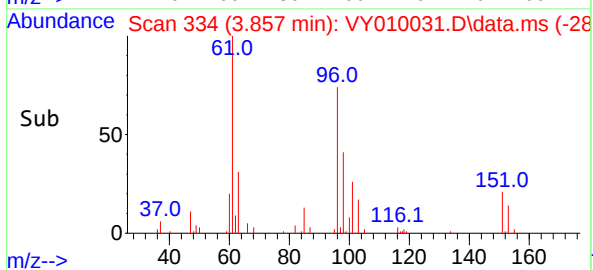
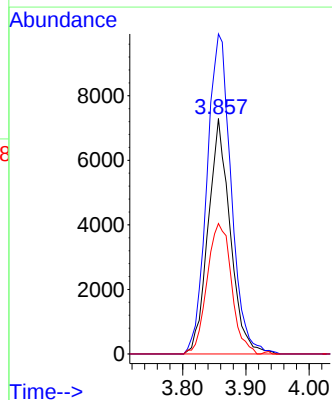
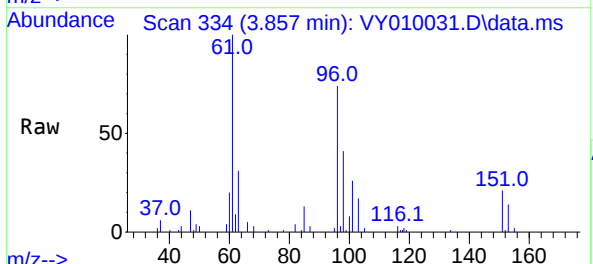
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

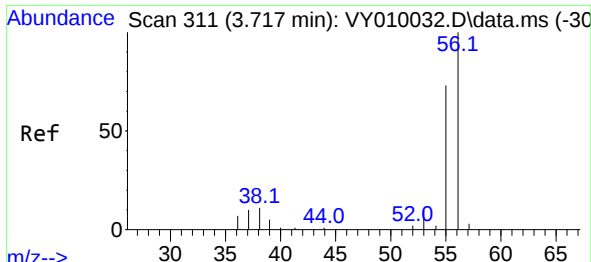
Tgt Ion: 59 Resp: 6316
Ion Ratio Lower Upper
59 100
57 6.3 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 15.004 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion: 96 Resp: 17702
Ion Ratio Lower Upper
96 100
61 135.9 117.8 176.8
98 55.4 51.9 77.9





#13

Acrolein

Concen: 61.128 ug/l

RT: 3.716 min Scan# 311

Delta R.T. -0.000 min

Lab File: VY010031.D

Acq: 15 Aug 2022 16:51

Instrument :

MSVOA_Y

ClientSampleId :

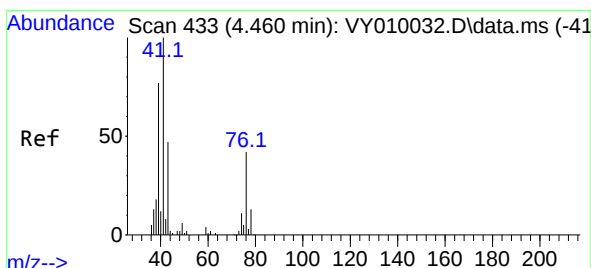
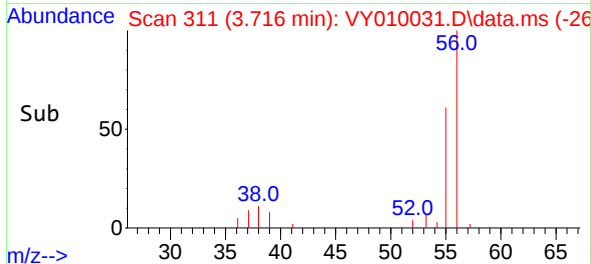
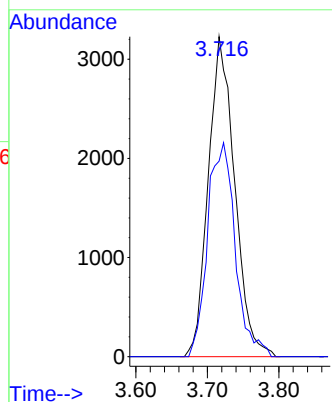
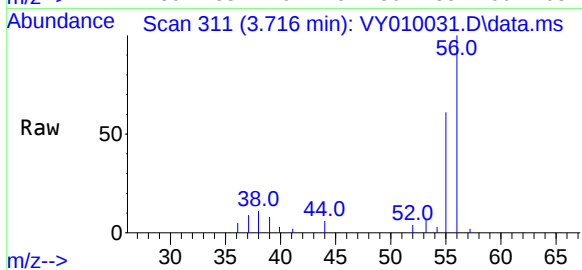
VSTDIC020

Tgt Ion: 56 Resp: 8268

Ion Ratio Lower Upper

56 100

55 70.0 59.4 89.0



#14

Allyl chloride

Concen: 14.695 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.000 min

Lab File: VY010031.D

Acq: 15 Aug 2022 16:51

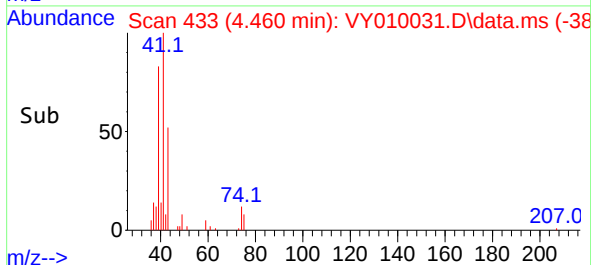
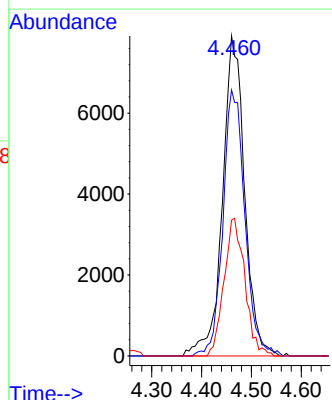
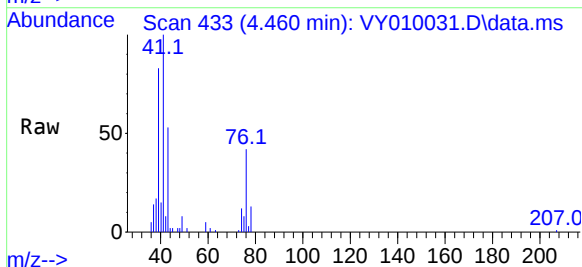
Tgt Ion: 41 Resp: 24354

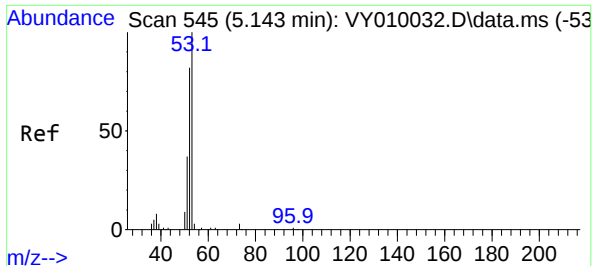
Ion Ratio Lower Upper

41 100

39 82.5 63.2 94.8

76 40.6 32.7 49.1

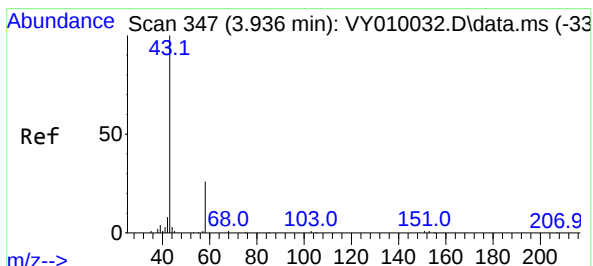
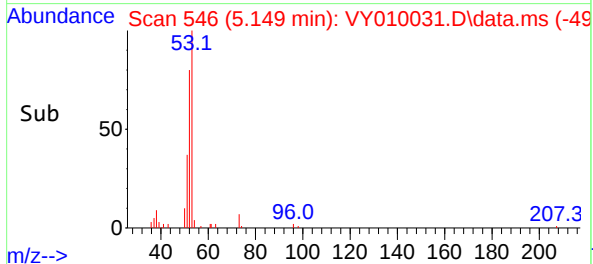
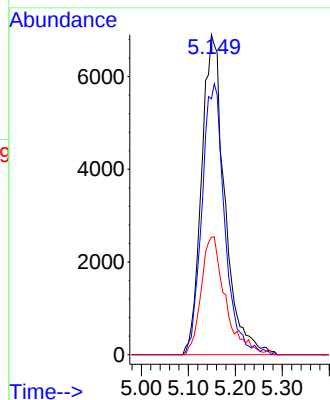
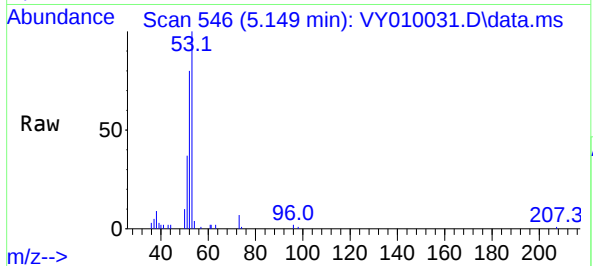




#15
Acrylonitrile
Concen: 70.640 ug/l
RT: 5.149 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

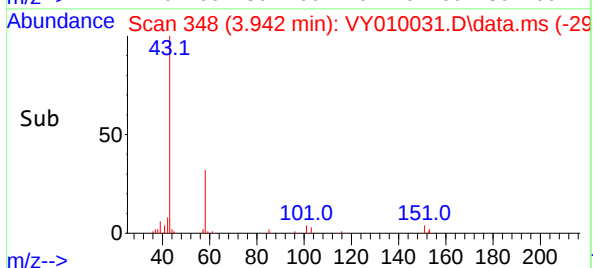
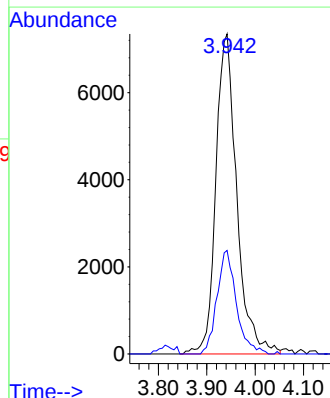
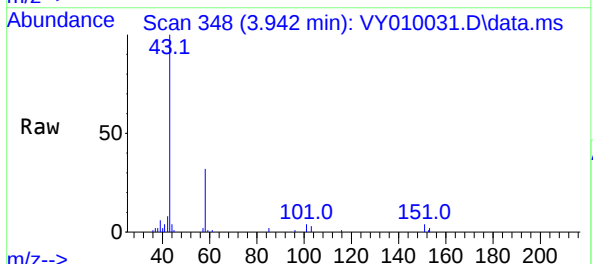
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

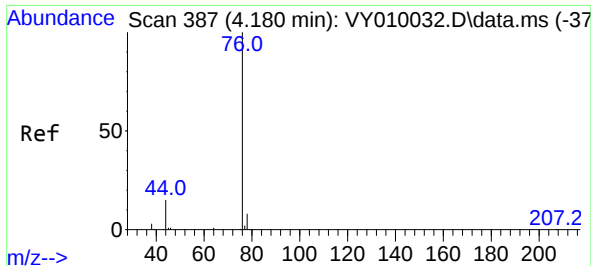
Tgt Ion: 53 Resp: 23690
Ion Ratio Lower Upper
53 100
52 82.9 65.1 97.7
51 38.3 30.2 45.4



#16
Acetone
Concen: 82.167 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion: 43 Resp: 22056
Ion Ratio Lower Upper
43 100
58 32.4 21.4 32.0#

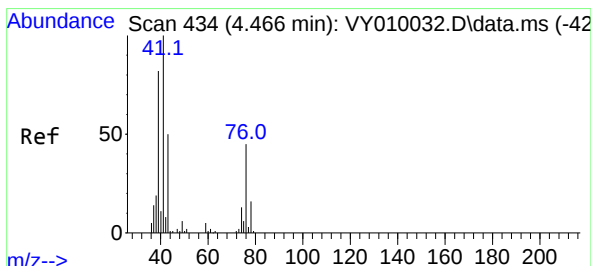
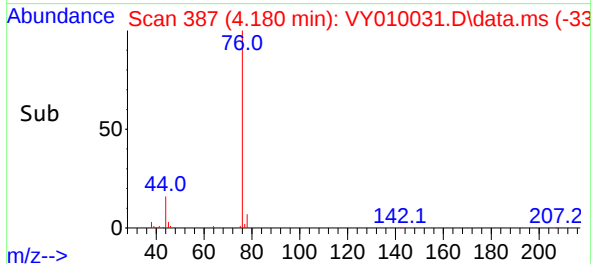
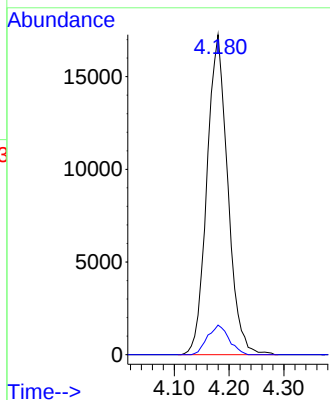
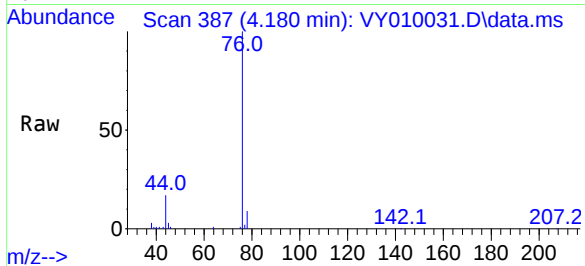




#17
Carbon Disulfide
Concen: 12.010 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

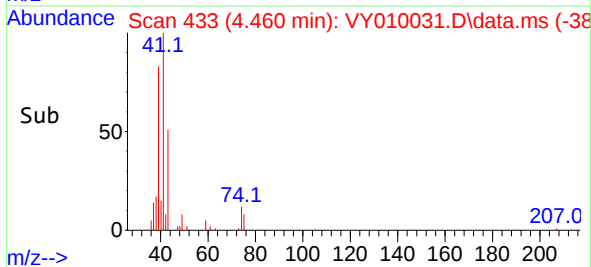
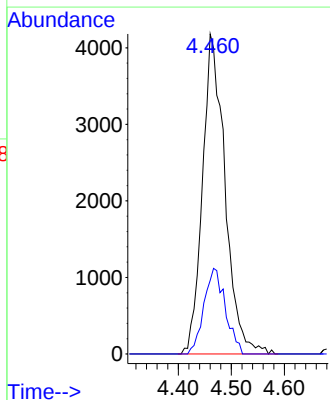
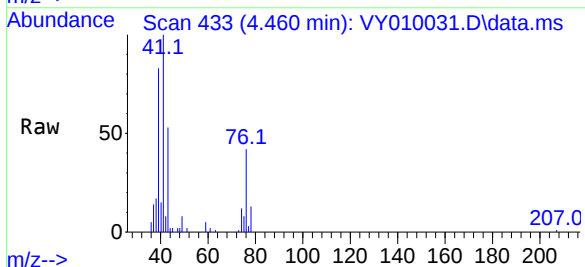
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

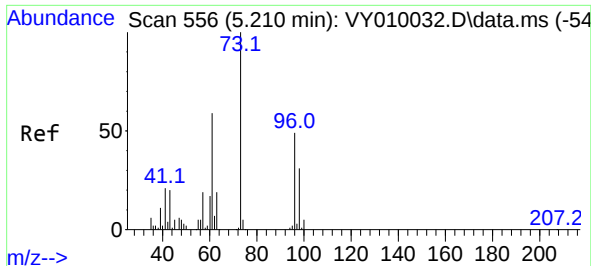
Tgt Ion: 76 Resp: 45550
Ion Ratio Lower Upper
76 100
78 9.3 6.7 10.1



#18
Methyl Acetate
Concen: 15.873 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion: 43 Resp: 12342
Ion Ratio Lower Upper
43 100
74 25.4 20.7 31.1





#19

Methyl tert-butyl Ether

Concen: 16.573 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY010031.D

Acq: 15 Aug 2022 16:51

Instrument :

MSVOA_Y

ClientSampleId :

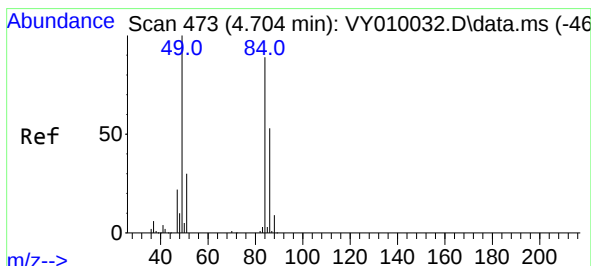
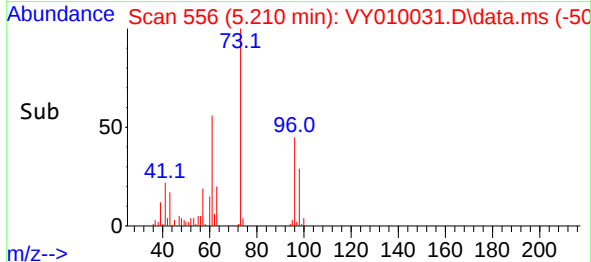
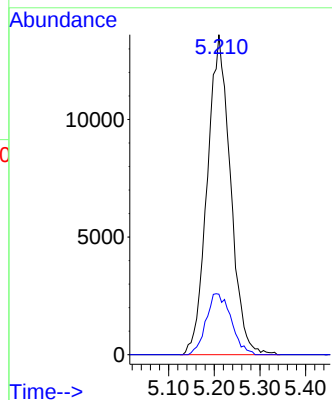
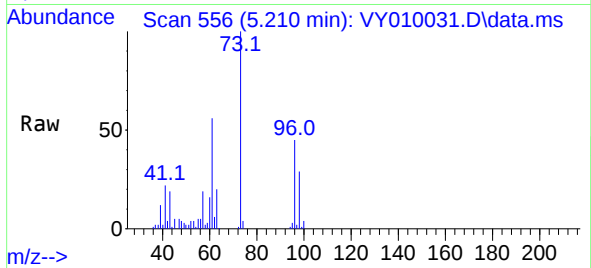
VSTDICC020

Tgt Ion: 73 Resp: 48018

Ion Ratio Lower Upper

73 100

57 18.9 15.4 23.0



#20

Methylene Chloride

Concen: 14.101 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY010031.D

Acq: 15 Aug 2022 16:51

Tgt Ion: 84 Resp: 23912

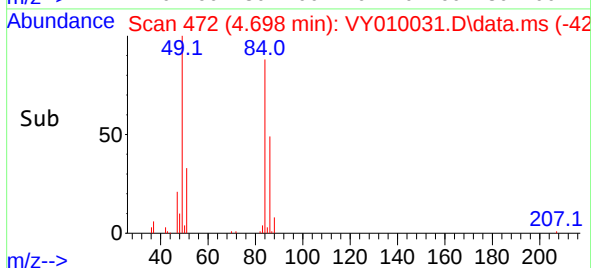
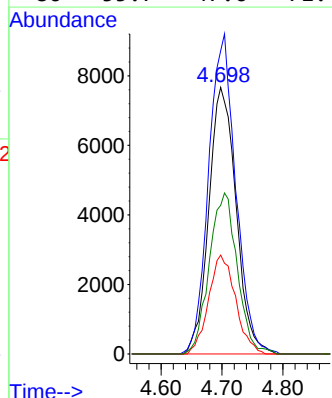
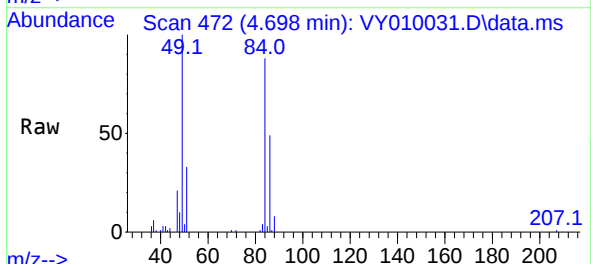
Ion Ratio Lower Upper

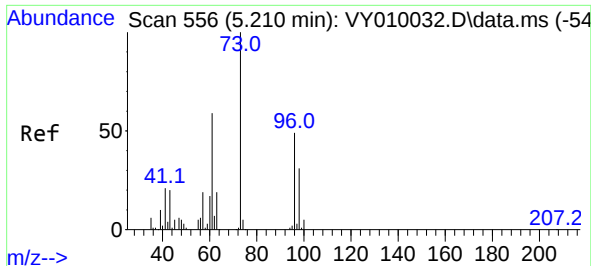
84 100

49 113.7 89.5 134.3

51 37.1 26.8 40.2

86 55.7 47.6 71.4

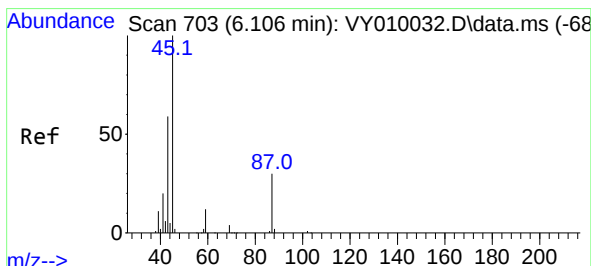
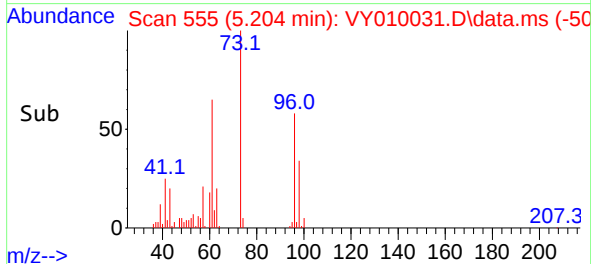
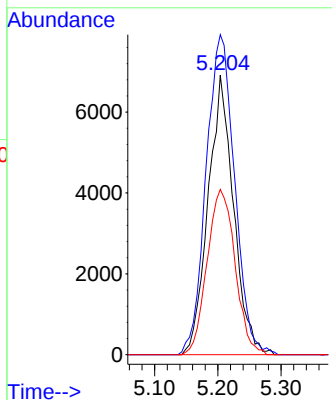
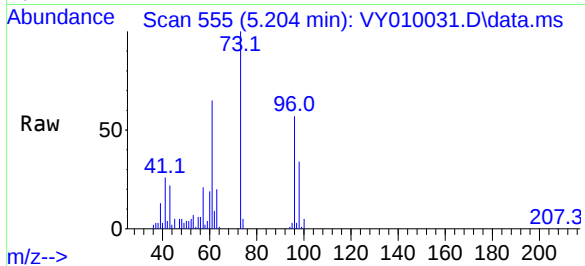




#21
trans-1,2-Dichloroethene
Concen: 14.682 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

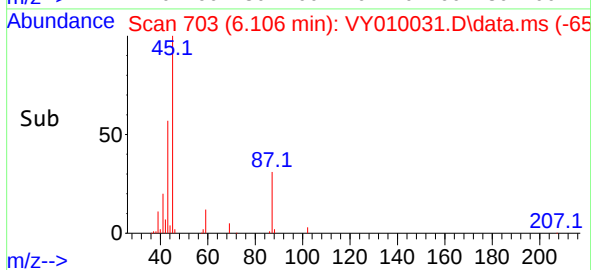
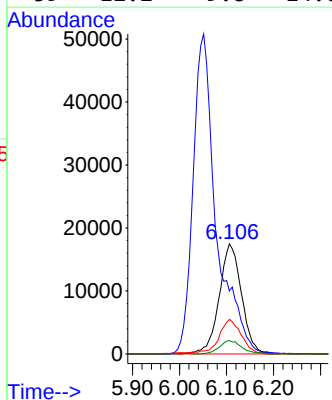
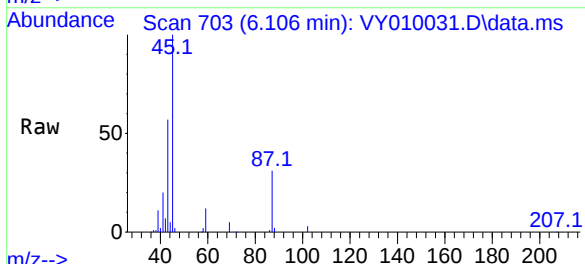
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

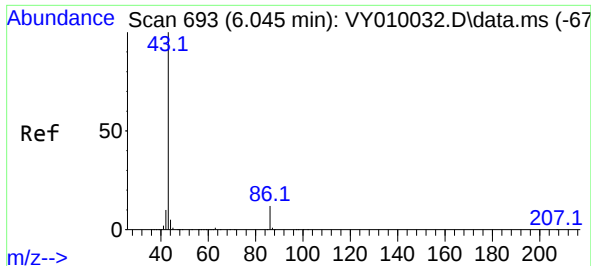
Tgt Ion: 96 Resp: 19334
Ion Ratio Lower Upper
96 100
61 114.5 96.8 145.2
98 59.2 51.0 76.4



#22
Diisopropyl ether
Concen: 17.049 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion: 45 Resp: 57802
Ion Ratio Lower Upper
45 100
43 56.4 47.5 71.3
87 31.4 24.4 36.6
59 12.2 9.8 14.6

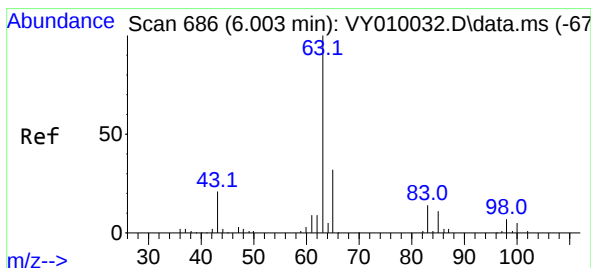
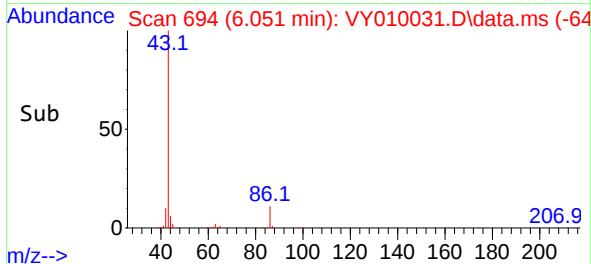
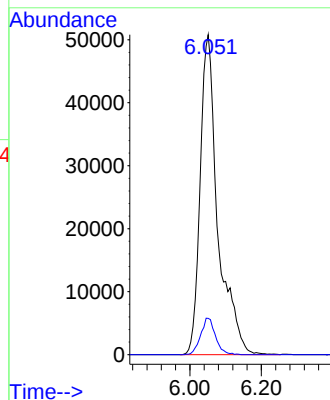
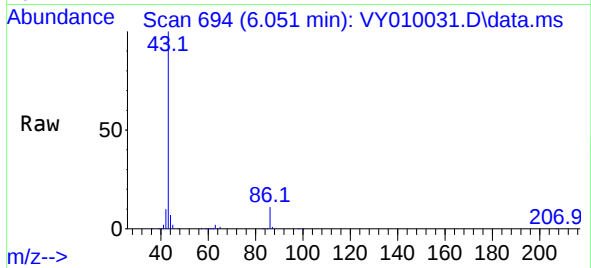




#23
 Vinyl Acetate
 Concen: 83.594 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY010031.D
 Acq: 15 Aug 2022 16:51

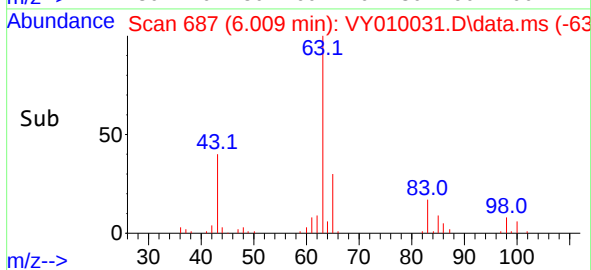
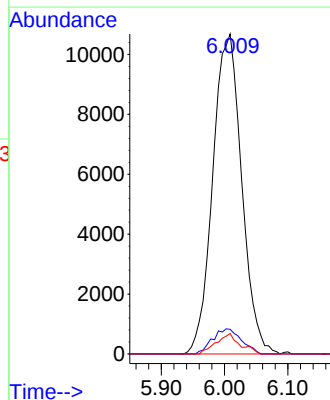
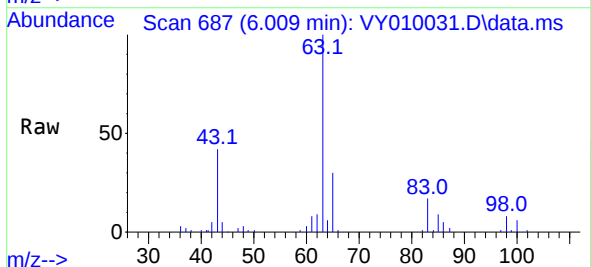
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

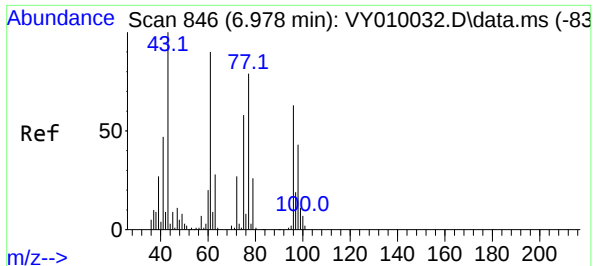
Tgt Ion: 43 Resp: 174829
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 15.830 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY010031.D
 Acq: 15 Aug 2022 16:51

Tgt Ion: 63 Resp: 33876
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.7 11.1
 100 6.4 2.3 6.8





#25

2-Butanone

Concen: 80.354 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY010031.D

Acq: 15 Aug 2022 16:51

Instrument :

MSVOA_Y

ClientSampleId :

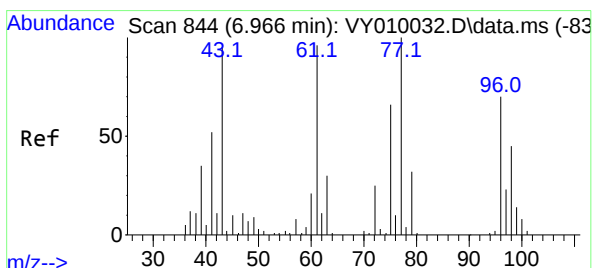
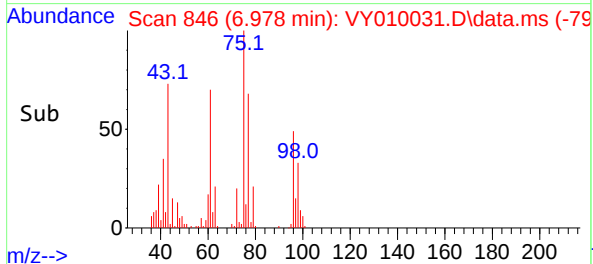
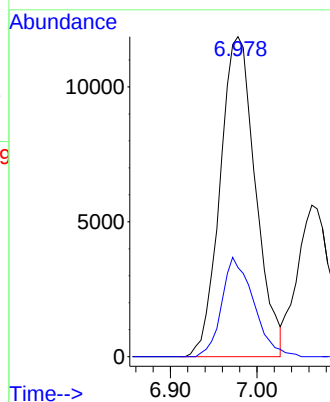
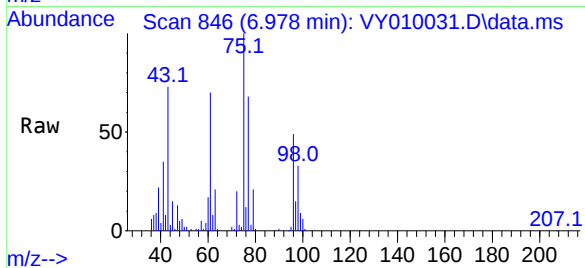
VSTDIC020

Tgt Ion: 43 Resp: 33687

Ion Ratio Lower Upper

43 100

72 27.8 21.7 32.5



#26

2,2-Dichloropropane

Concen: 18.245 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.000 min

Lab File: VY010031.D

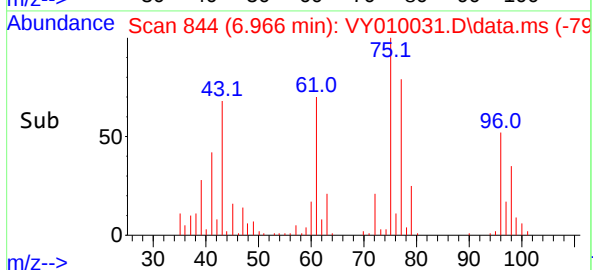
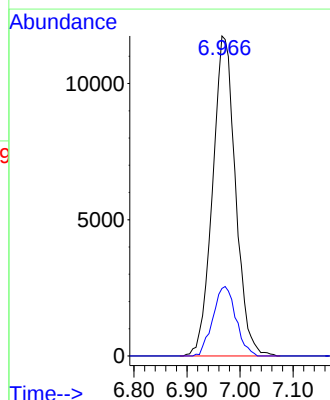
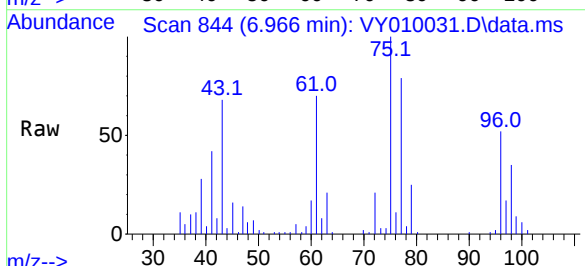
Acq: 15 Aug 2022 16:51

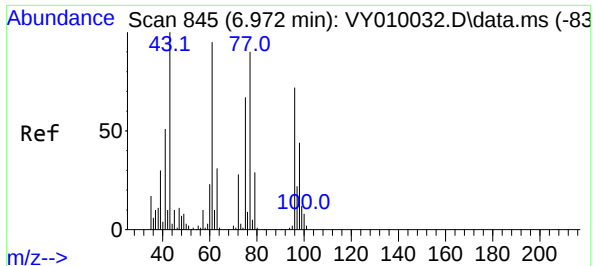
Tgt Ion: 77 Resp: 35307

Ion Ratio Lower Upper

77 100

97 21.8 11.2 33.6

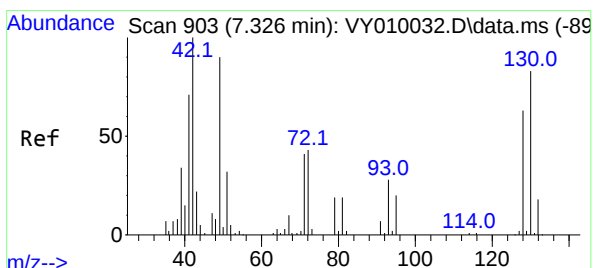
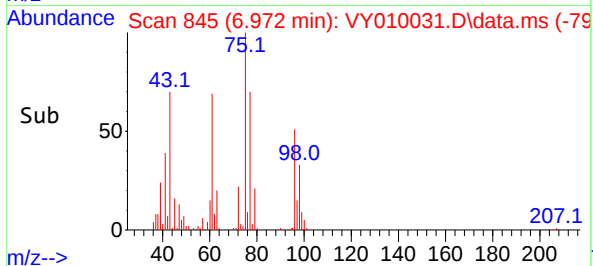
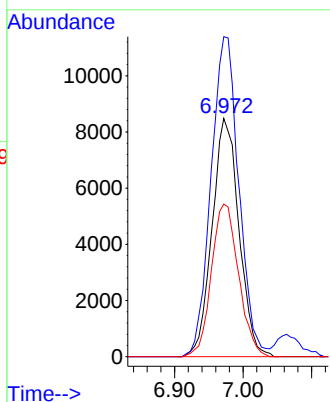
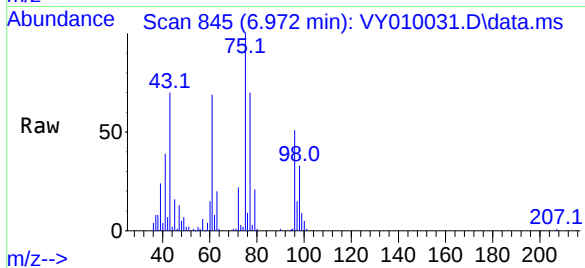




#27
cis-1,2-Dichloroethene
Concen: 16.254 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

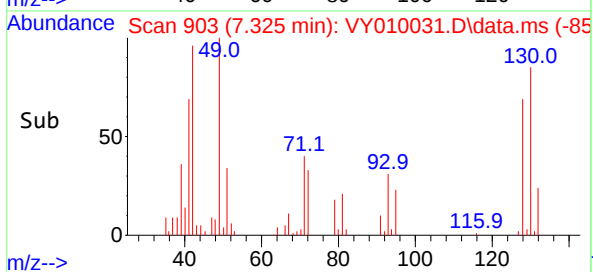
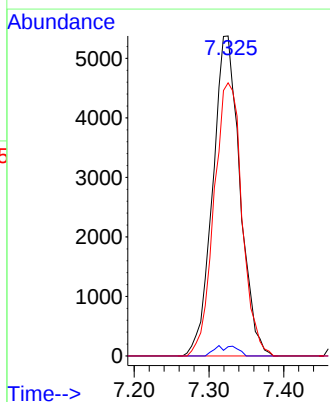
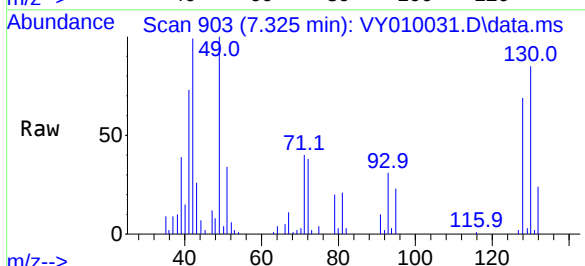
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

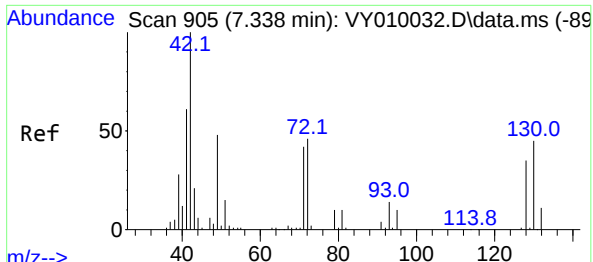
Tgt Ion:	96	Resp:	23042
Ion	Ratio	Lower	Upper
96	100		
61	139.3	0.0	276.0
98	64.7	0.0	128.4



#28
Bromochloromethane
Concen: 15.945 ug/l
RT: 7.325 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion:	49	Resp:	13632
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.8
130	87.6	71.0	106.4

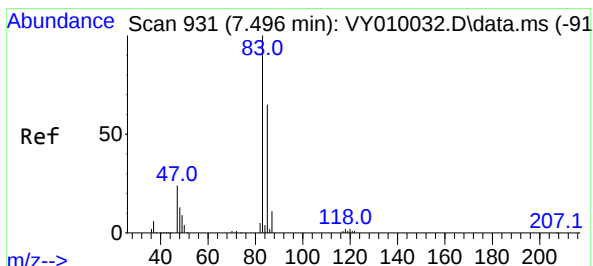
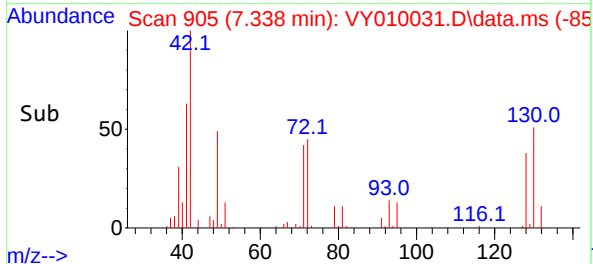
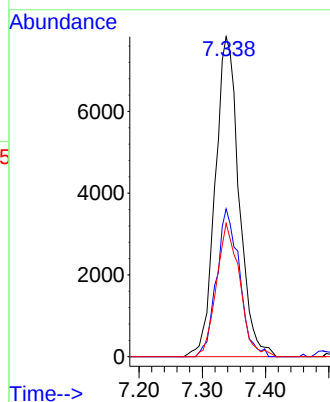
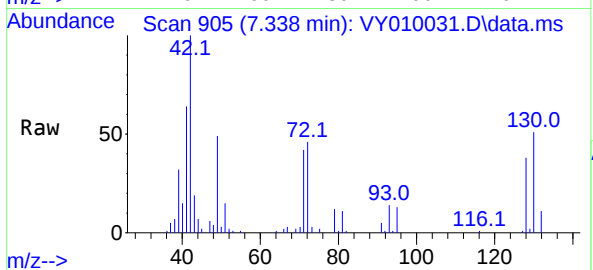




#29
Tetrahydrofuran
Concen: 77.442 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

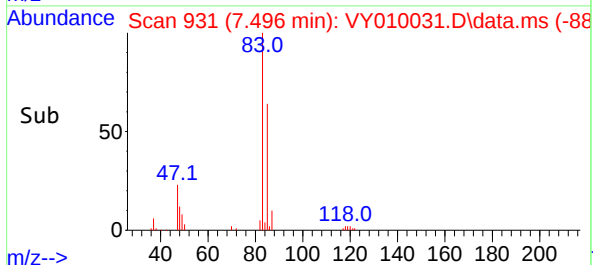
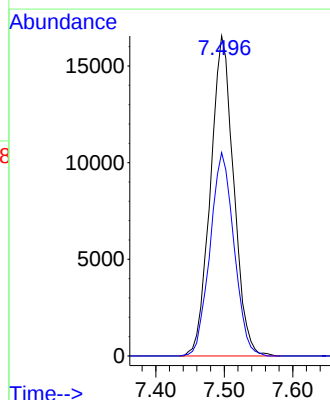
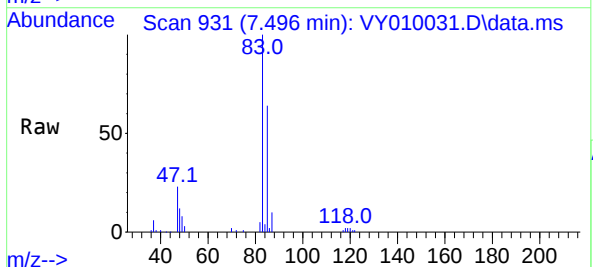
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

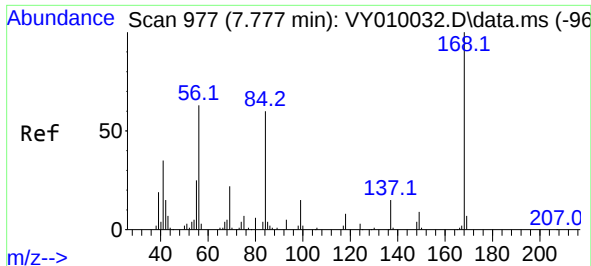
Tgt Ion:	42	Resp:	20407
Ion	Ratio	Lower	Upper
42	100		
72	44.3	36.5	54.7
71	40.8	33.4	50.2



#30
Chloroform
Concen: 17.473 ug/l
RT: 7.496 min Scan# 931
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

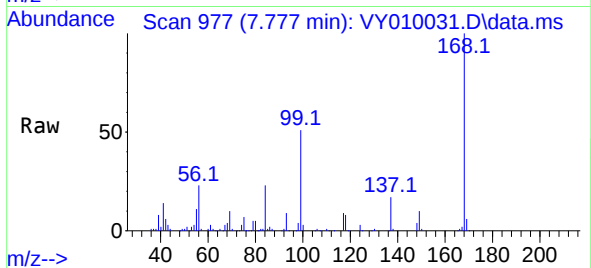
Tgt Ion:	83	Resp:	38992
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.9	77.9



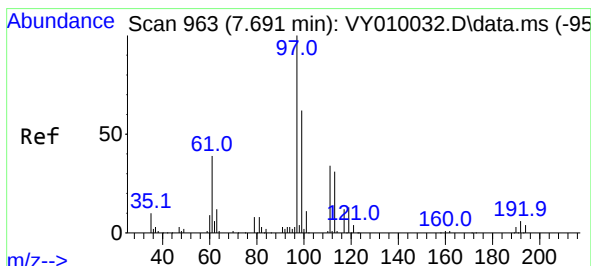
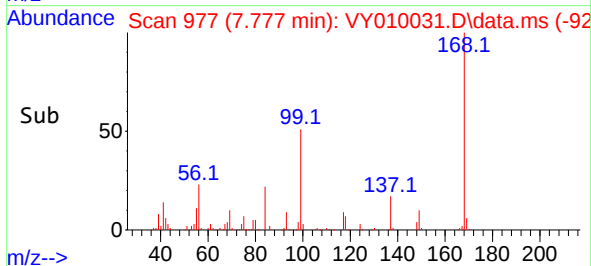
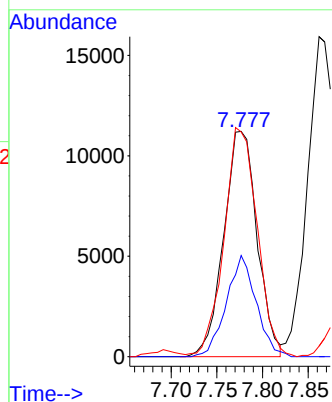


#31
Cyclohexane
Concen: 14.200 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

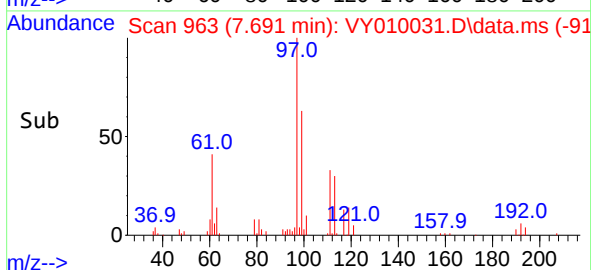
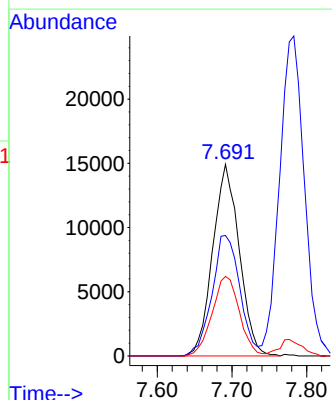
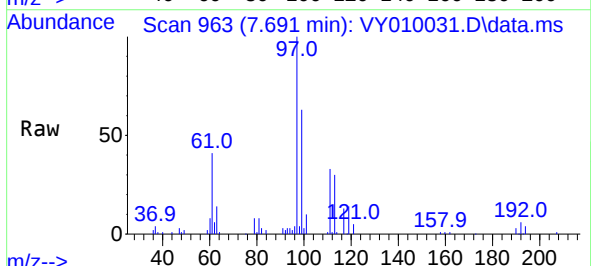


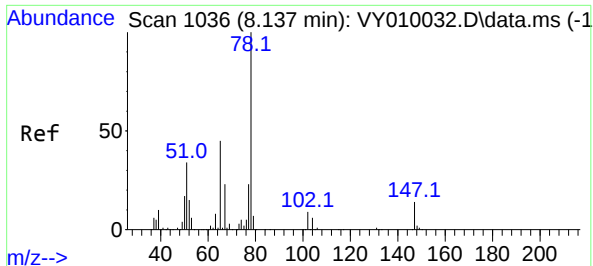
Tgt Ion: 56 Resp: 28476
Ion Ratio Lower Upper
56 100
69 44.9 28.6 43.0#
84 98.5 76.0 114.0



#32
1,1,1-Trichloroethane
Concen: 19.030 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion: 97 Resp: 36722
Ion Ratio Lower Upper
97 100
99 66.1 51.3 76.9
61 42.9 32.9 49.3





#33

1,2-Dichloroethane-d4

Concen: 19.200 ug/l

RT: 8.136 min Scan# 11036

Delta R.T. -0.000 min

Lab File: VY010031.D

Acq: 15 Aug 2022 16:51

Instrument :

MSVOA_Y

ClientSampleId :

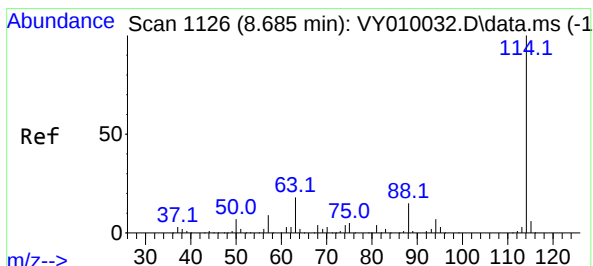
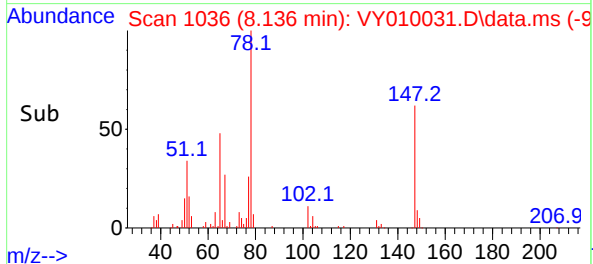
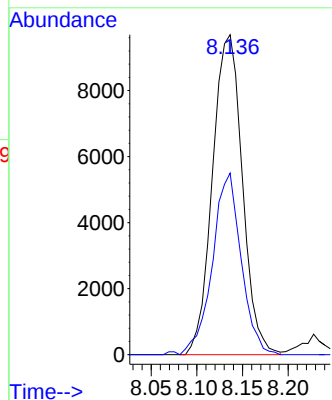
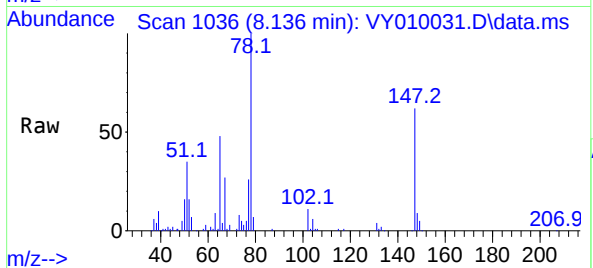
VSTDIC020

Tgt Ion: 65 Resp: 22041

Ion Ratio Lower Upper

65 100

67 54.8 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010031.D

Acq: 15 Aug 2022 16:51

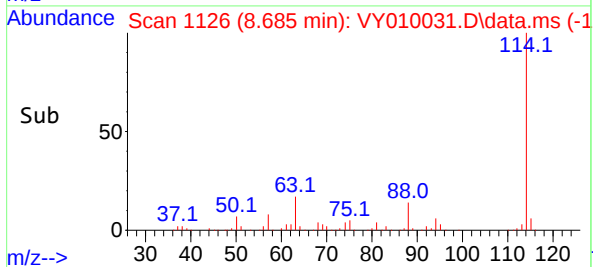
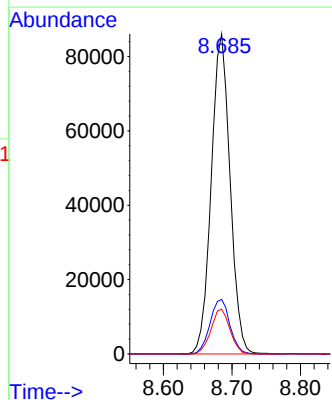
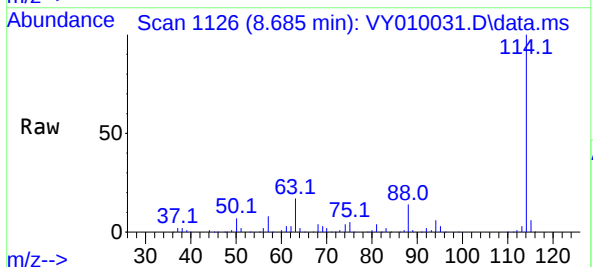
Tgt Ion: 114 Resp: 164014

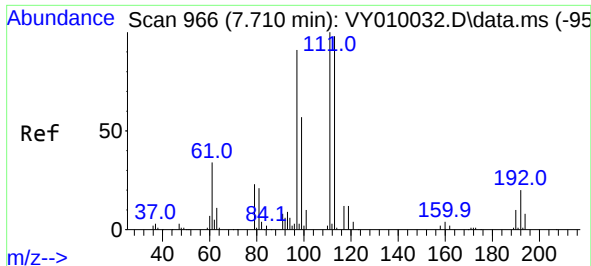
Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.2

88 14.0 0.0 30.2

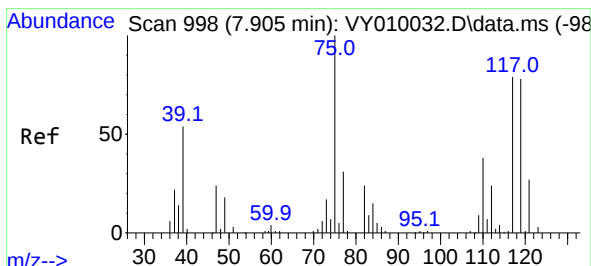
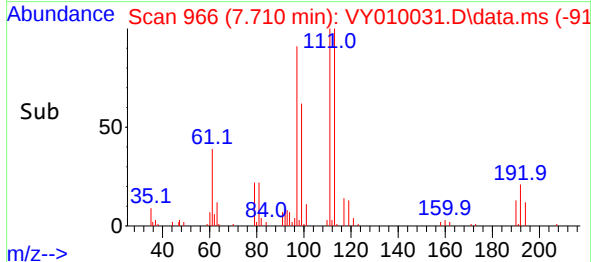
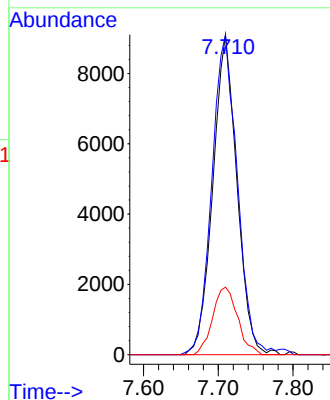
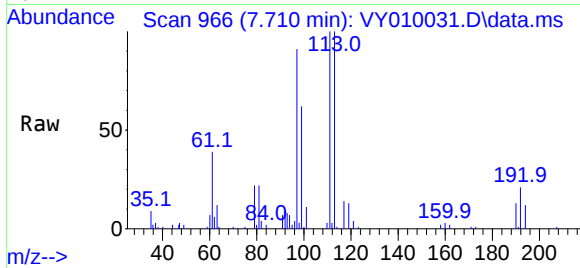




#35
Dibromofluoromethane
Concen: 20.312 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

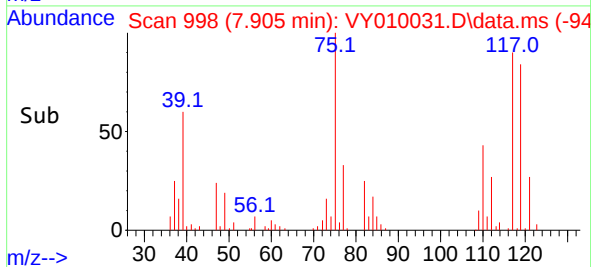
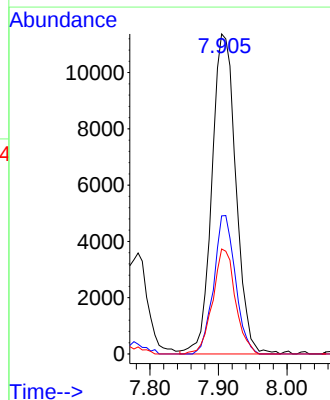
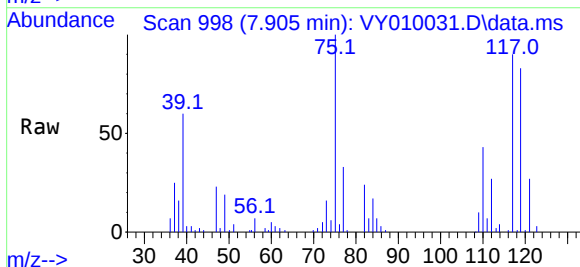
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

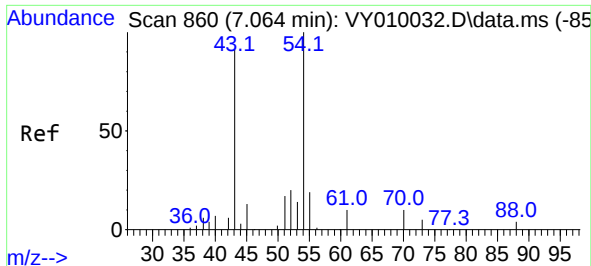
Tgt Ion:	113	Resp:	20389
Ion	Ratio	Lower	Upper
113	100		
111	106.3	82.7	124.1
192	21.9	17.2	25.8



#36
1,1-Dichloropropene
Concen: 18.418 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion:	75	Resp:	27602
Ion	Ratio	Lower	Upper
75	100		
110	39.1	18.4	55.4
77	31.0	24.6	36.8



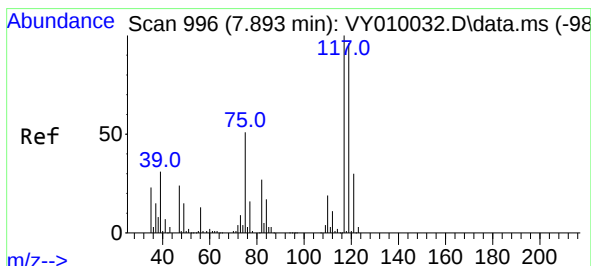
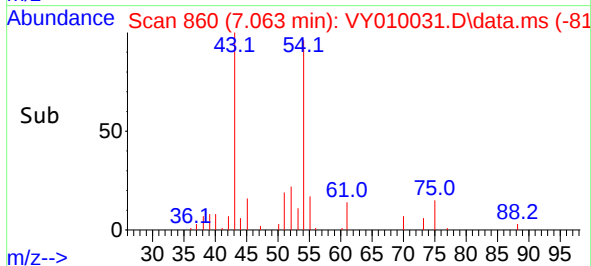
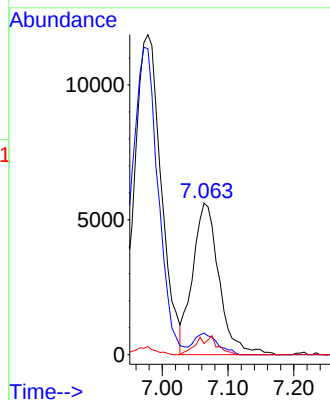
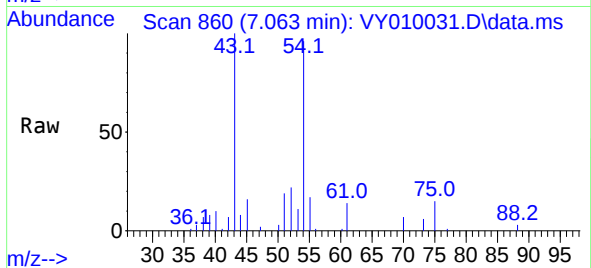


#37
Ethyl Acetate
Concen: 19.422 ug/l
RT: 7.063 min Scan# 860
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 15658

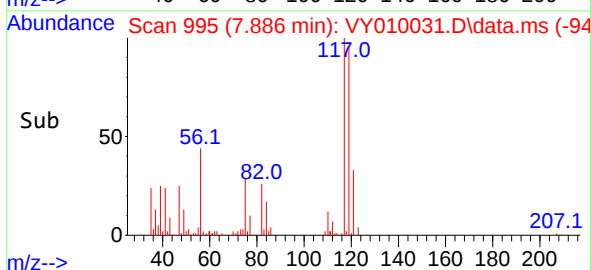
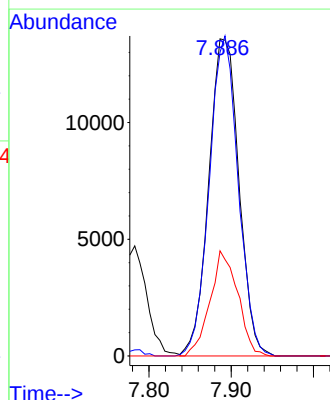
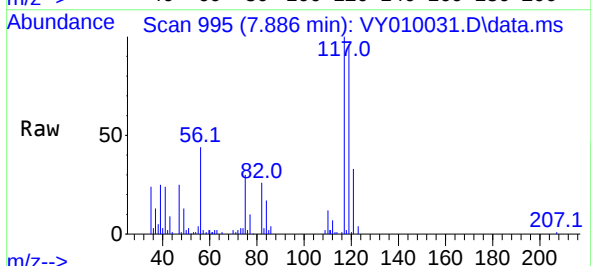
Ion	Ratio	Lower	Upper
43	100		
61	12.5	9.6	14.4
70	9.7	7.9	11.9

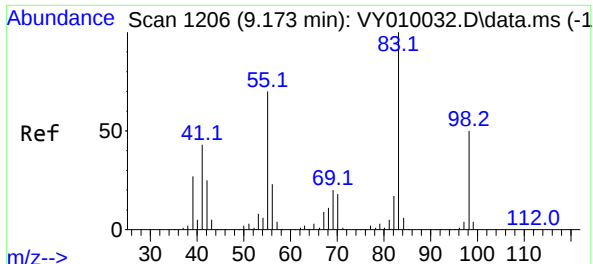


#38
Carbon Tetrachloride
Concen: 22.415 ug/l
RT: 7.886 min Scan# 995
Delta R.T. -0.006 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion: 117 Resp: 34611

Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.0	115.6
121	33.2	24.2	36.4





#39

Methylcyclohexane

Concen: 16.608 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010031.D

Acq: 15 Aug 2022 16:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

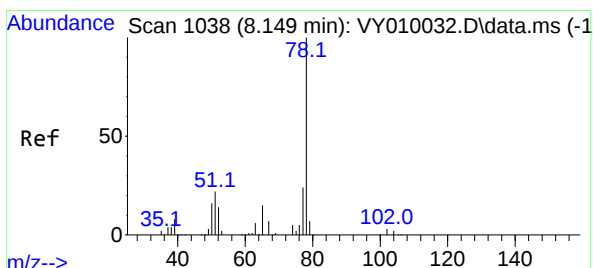
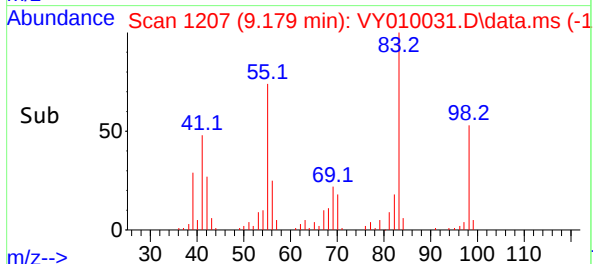
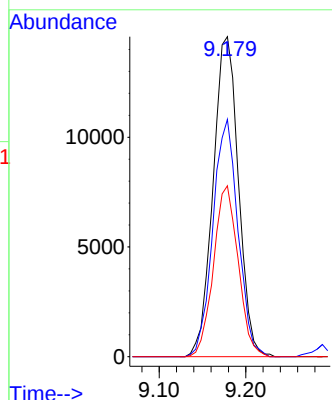
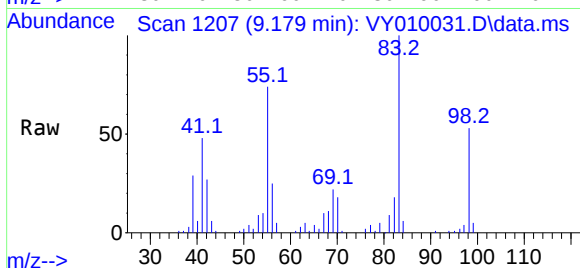
Tgt Ion: 83 Resp: 29634

Ion Ratio Lower Upper

83 100

55 74.2 56.3 84.5

98 53.4 39.8 59.8



#40

Benzene

Concen: 18.037 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY010031.D

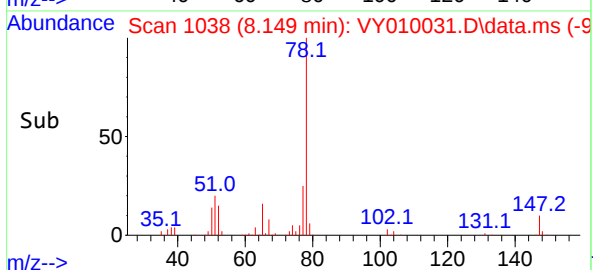
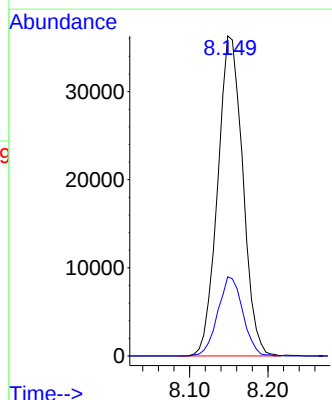
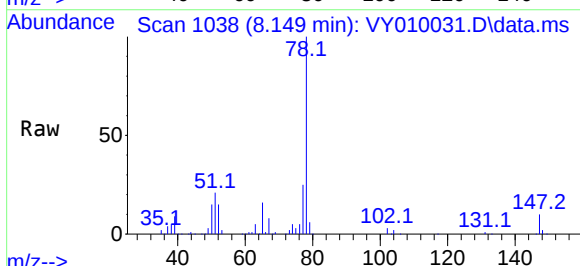
Acq: 15 Aug 2022 16:51

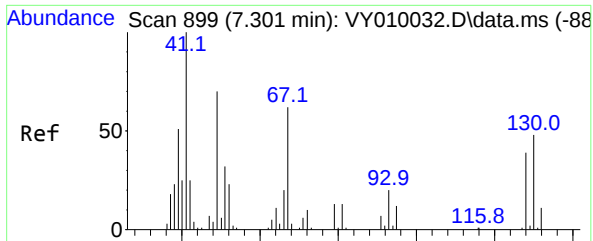
Tgt Ion: 78 Resp: 80869

Ion Ratio Lower Upper

78 100

77 24.7 19.0 28.6

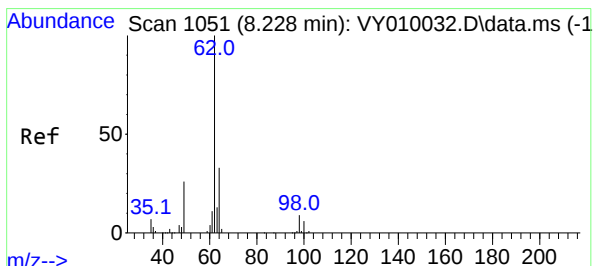
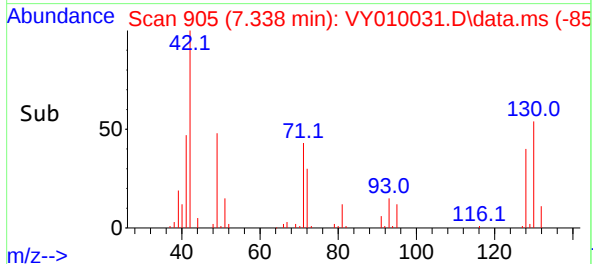
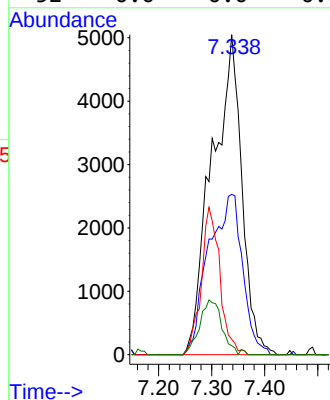
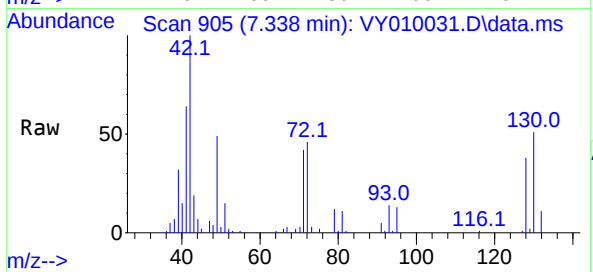




#41
Methacrylonitrile
Concen: 46.080 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.036 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

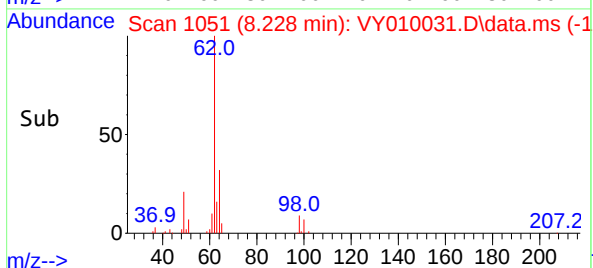
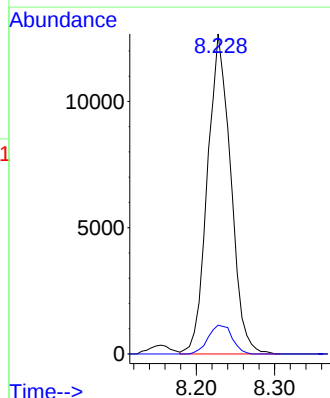
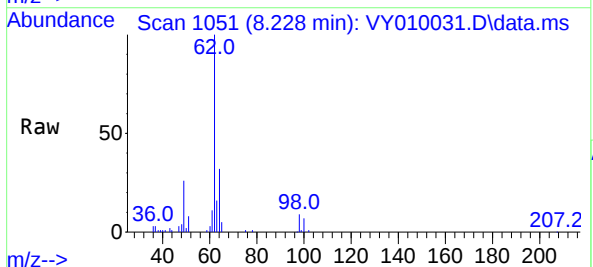
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

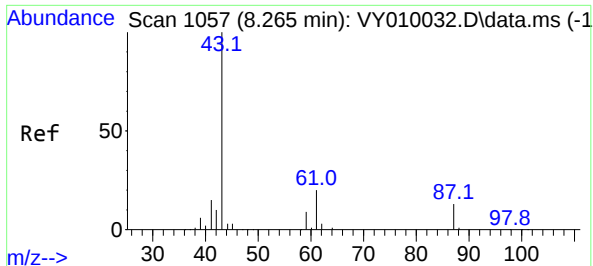
Tgt Ion: 41 Resp: 19728
Ion Ratio Lower Upper
41 100
39 56.9 59.4 89.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 21.843 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion: 62 Resp: 26099
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.0

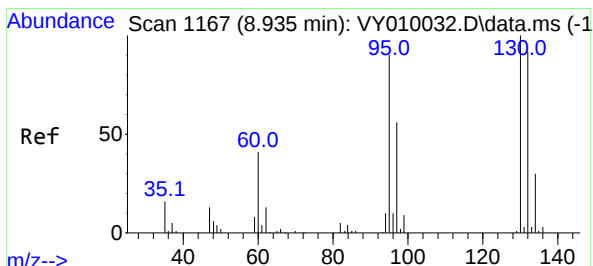
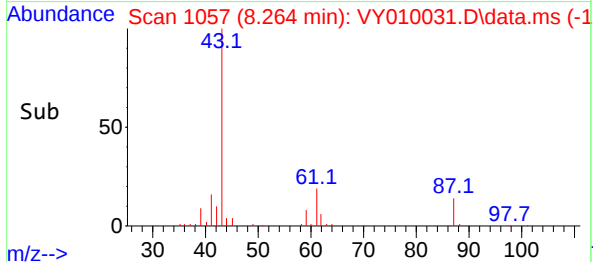
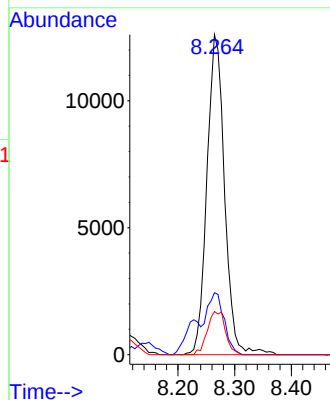
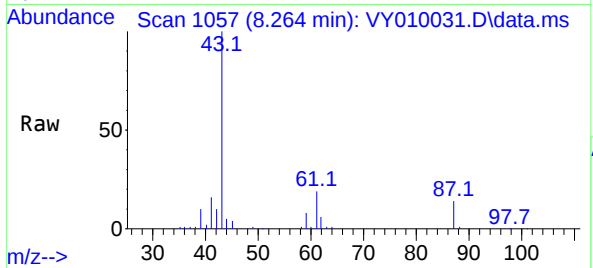




#43
Isopropyl Acetate
Concen: 19.321 ug/l
RT: 8.264 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

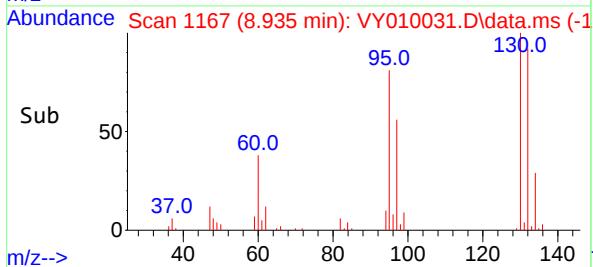
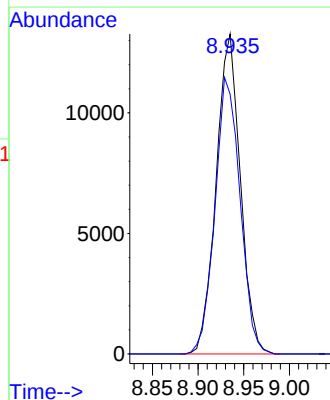
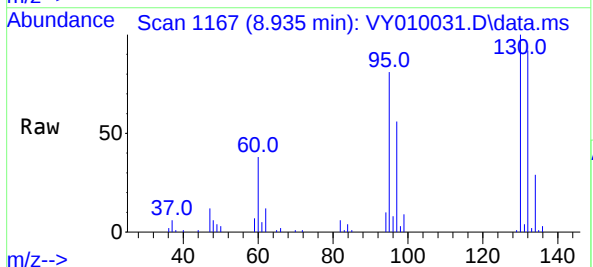
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

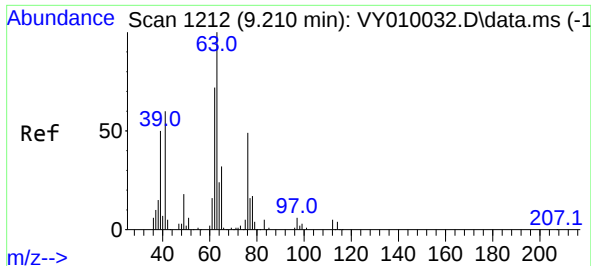
Tgt Ion: 43 Resp: 27227
Ion Ratio Lower Upper
43 100
61 19.3 23.0 34.6#
87 13.9 11.1 16.7



#44
Trichloroethene
Concen: 19.816 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion:130 Resp: 24452
Ion Ratio Lower Upper
130 100
95 81.1 0.0 180.0





#45

1,2-Dichloropropane

Concen: 18.232 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY010031.D

Acq: 15 Aug 2022 16:51

Instrument :

MSVOA_Y

ClientSampleId :

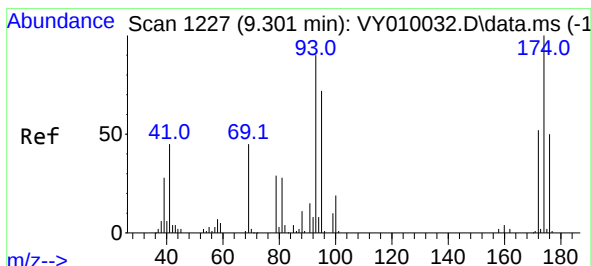
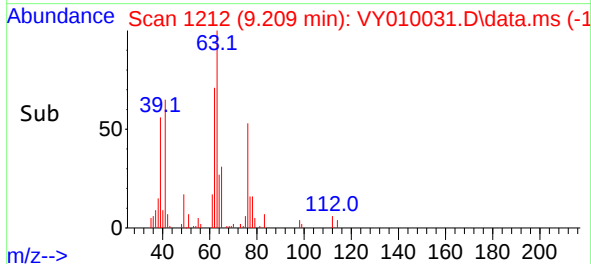
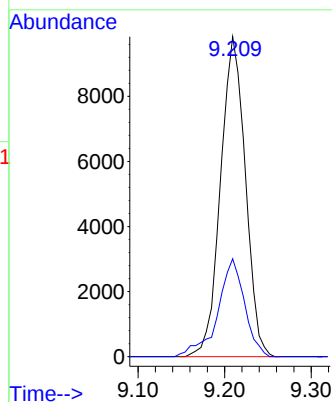
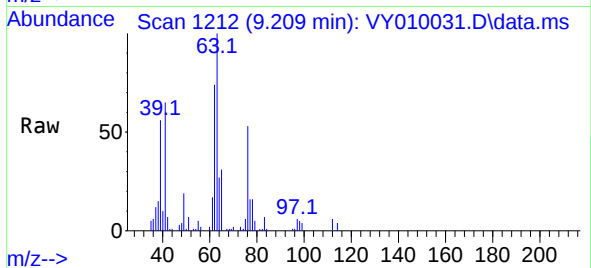
VSTDICC020

Tgt Ion: 63 Resp: 19570

Ion Ratio Lower Upper

63 100

65 30.6 25.4 38.0



#46

Dibromomethane

Concen: 19.474 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010031.D

Acq: 15 Aug 2022 16:51

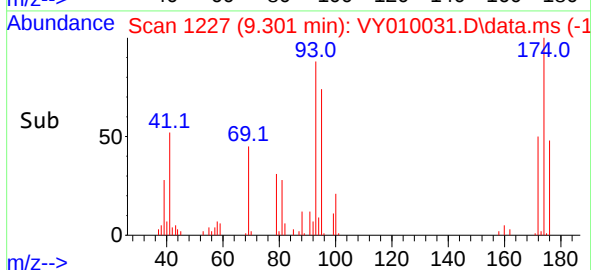
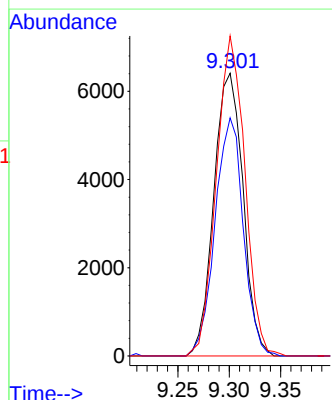
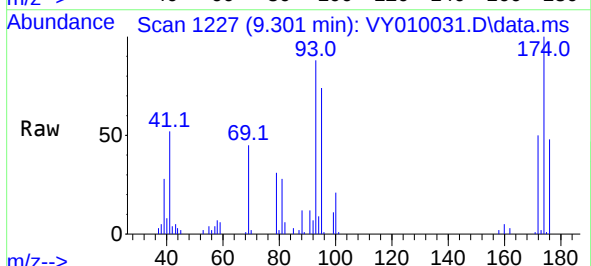
Tgt Ion: 93 Resp: 12651

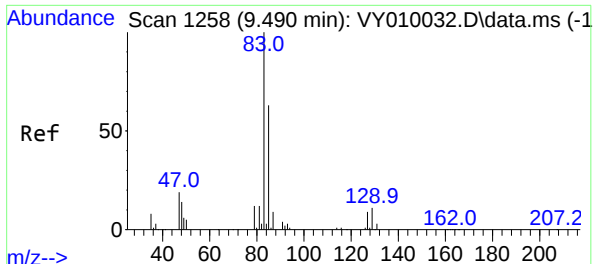
Ion Ratio Lower Upper

93 100

95 81.5 66.5 99.7

174 110.7 89.5 134.3





#47

Bromodichloromethane

Concen: 20.853 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VY010031.D

Acq: 15 Aug 2022 16:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

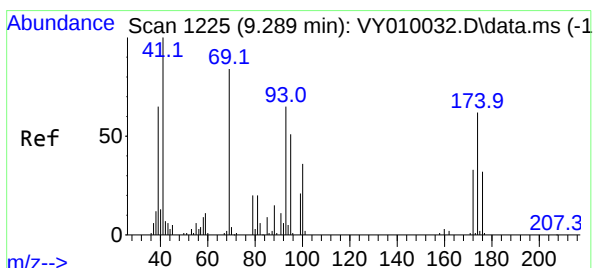
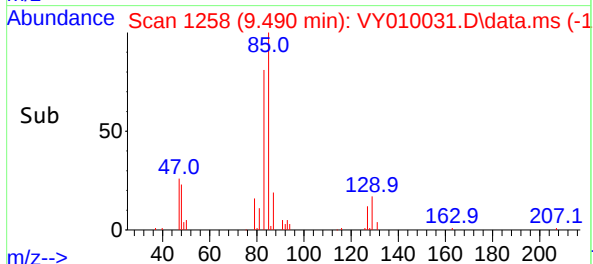
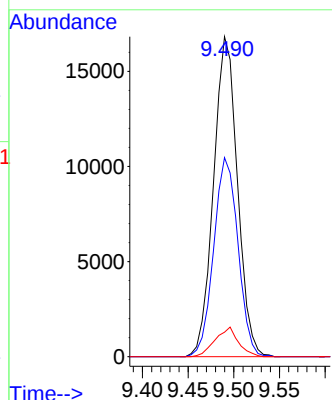
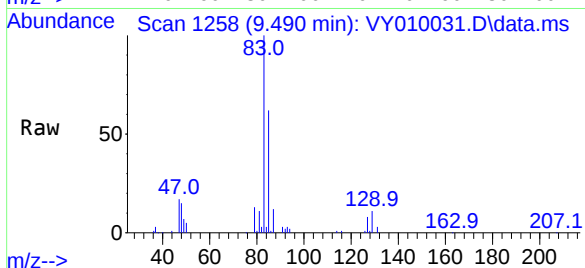
Tgt Ion: 83 Resp: 30585

Ion Ratio Lower Upper

83 100

85 62.2 50.4 75.6

127 7.6 6.8 10.2



#48

Methyl methacrylate

Concen: 18.439 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY010031.D

Acq: 15 Aug 2022 16:51

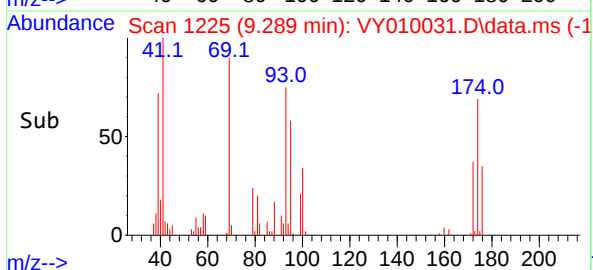
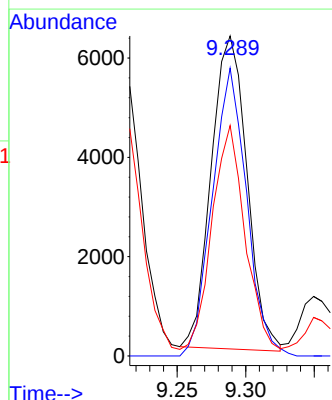
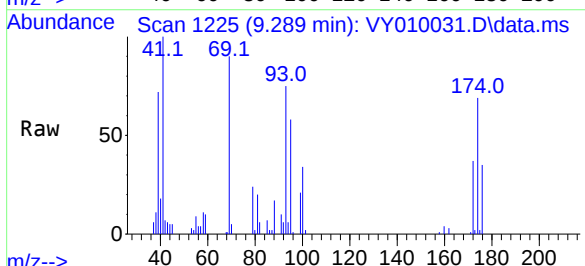
Tgt Ion: 41 Resp: 11403

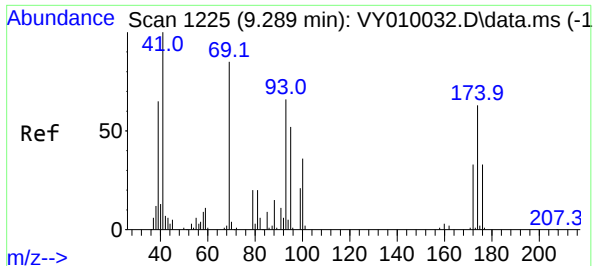
Ion Ratio Lower Upper

41 100

69 88.5 69.1 103.7

39 70.4 51.5 77.3

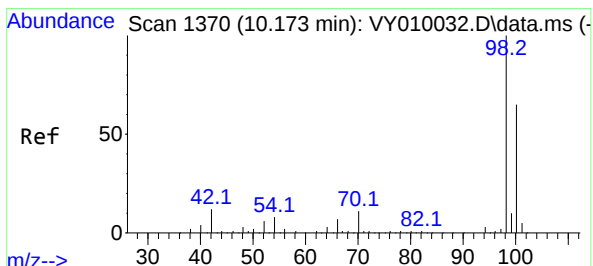
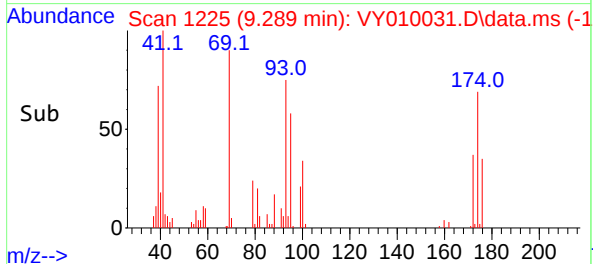
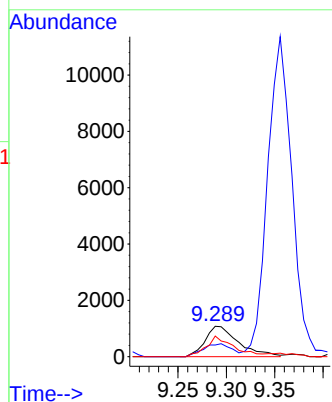
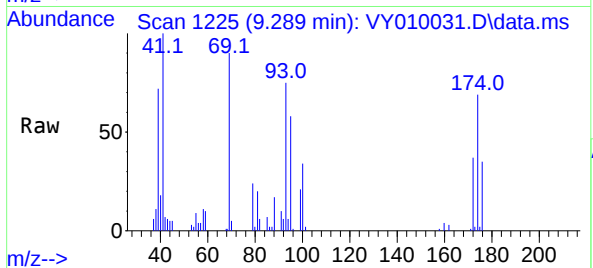




#49
1,4-Dioxane
Concen: 369.846 ug/l
RT: 9.289 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

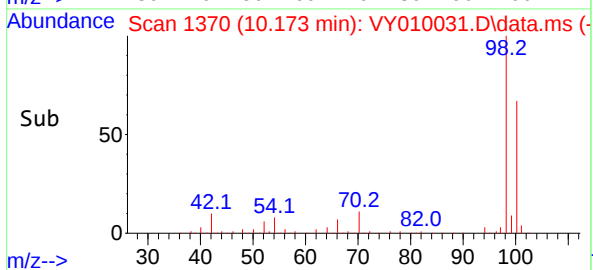
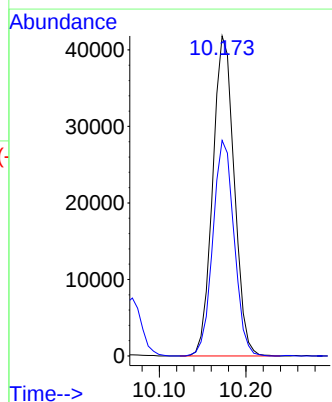
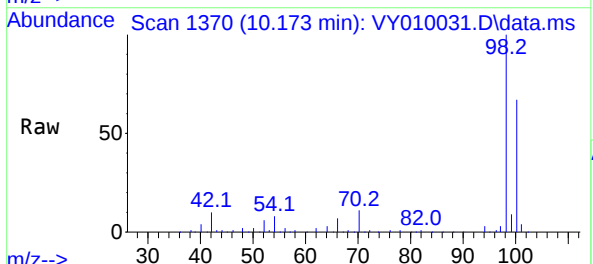
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

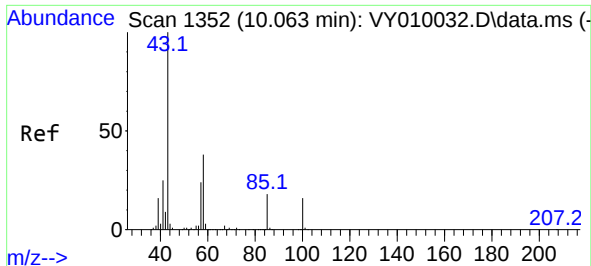
Tgt Ion: 88 Resp: 2598
Ion Ratio Lower Upper
88 100
43 36.3 28.2 42.4
58 55.6 47.2 70.8



#50
Toluene-d8
Concen: 18.702 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion: 98 Resp: 72037
Ion Ratio Lower Upper
98 100
100 66.7 52.1 78.1

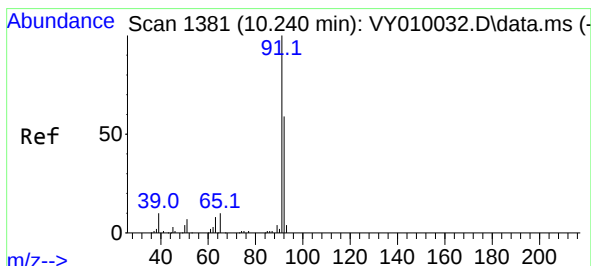
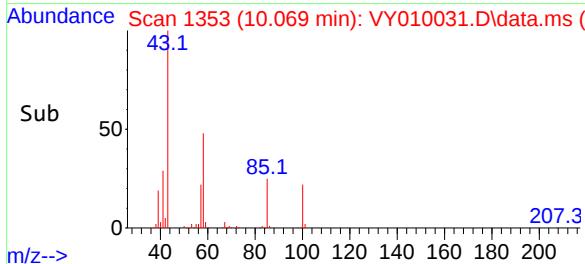
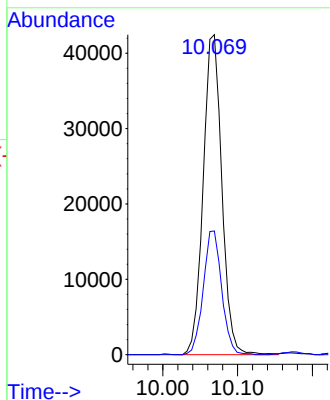
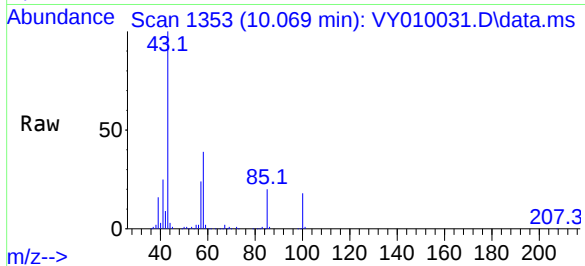




#51
4-Methyl-2-Pentanone
Concen: 96.095 ug/l
RT: 10.069 min Scan# 1352
Delta R.T. 0.006 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

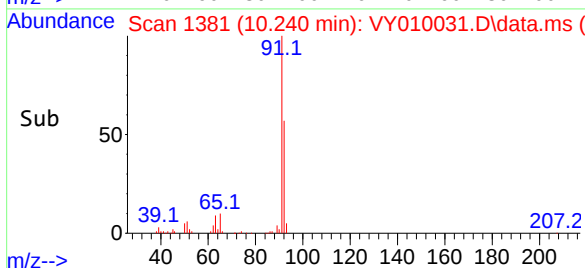
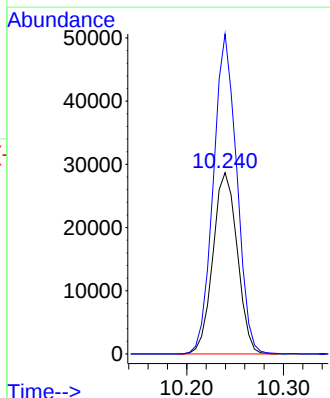
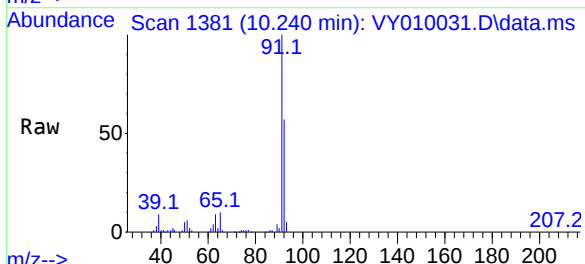
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

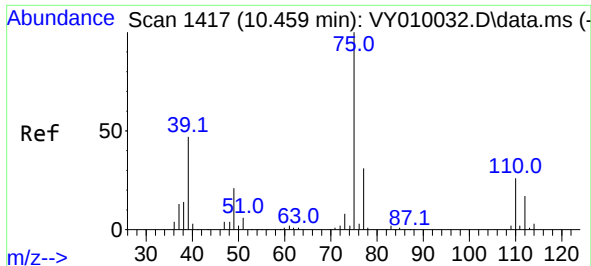
Tgt Ion: 43 Resp: 73506
Ion Ratio Lower Upper
43 100
58 38.2 29.8 44.8



#52
Toluene
Concen: 18.207 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion: 92 Resp: 50076
Ion Ratio Lower Upper
92 100
91 169.7 137.6 206.4

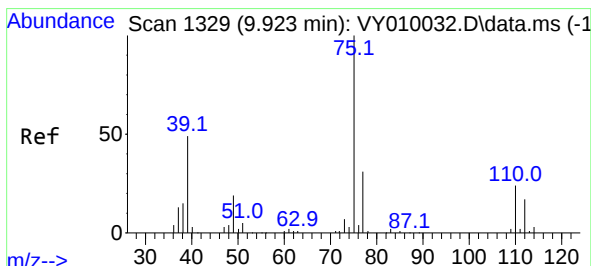
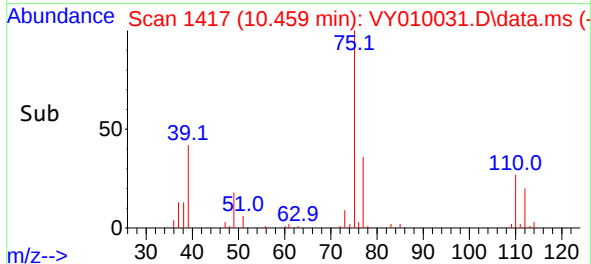
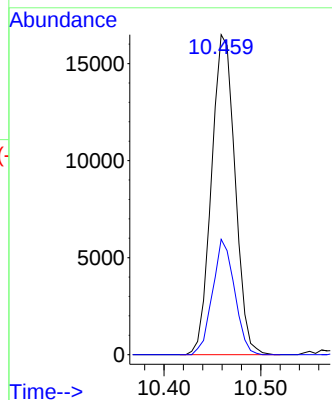
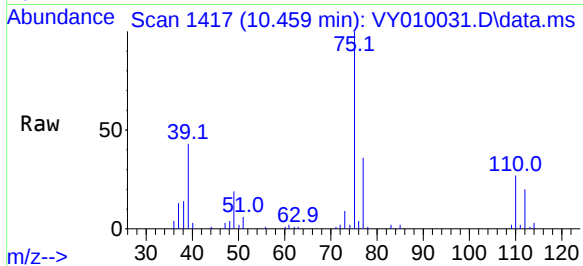




#53
t-1,3-Dichloropropene
Concen: 18.667 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

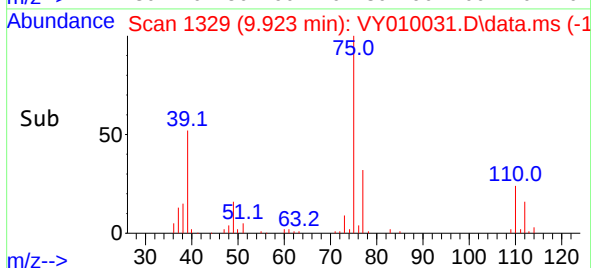
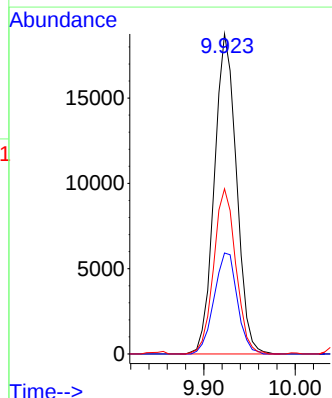
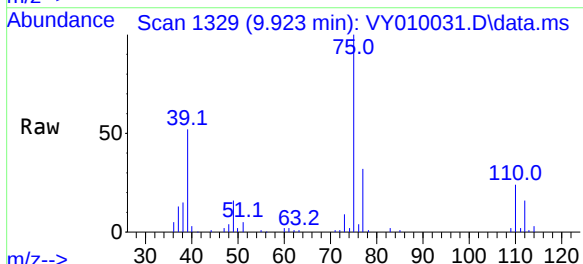
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

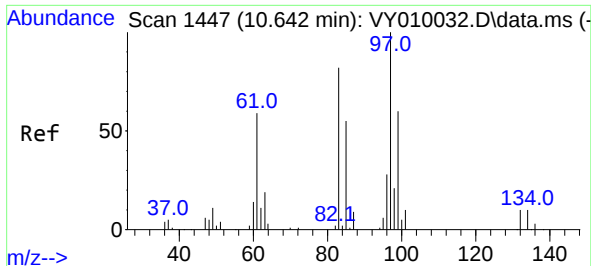
Tgt Ion: 75 Resp: 27858
Ion Ratio Lower Upper
75 100
77 36.1 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 18.415 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion: 75 Resp: 31493
Ion Ratio Lower Upper
75 100
77 31.5 24.6 37.0
39 51.6 39.2 58.8

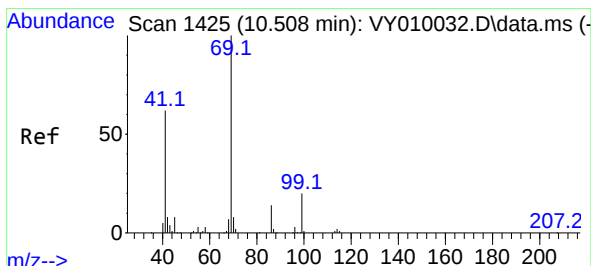
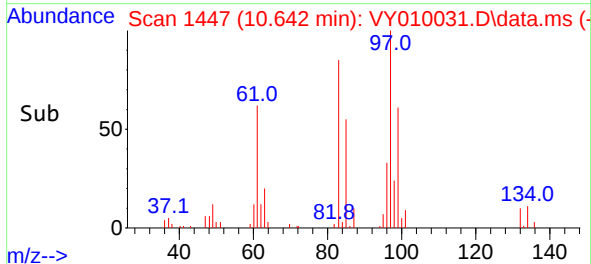
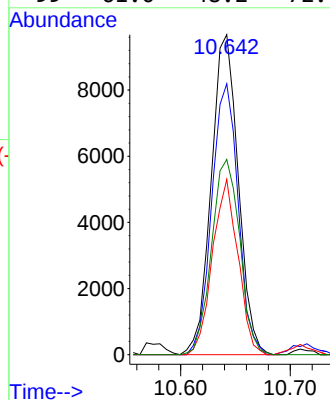
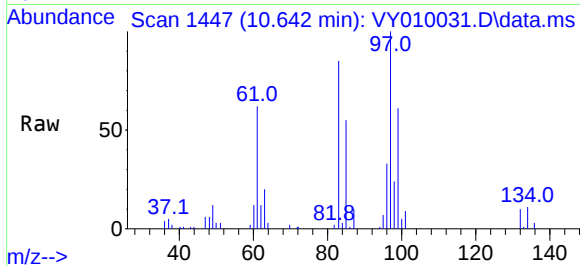




#55
1,1,2-Trichloroethane
Concen: 17.904 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

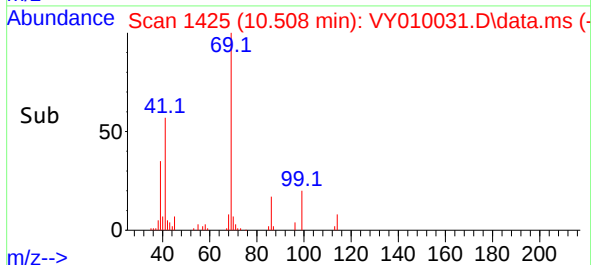
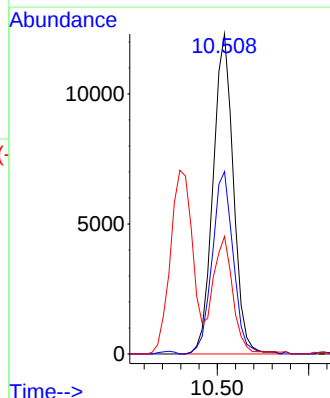
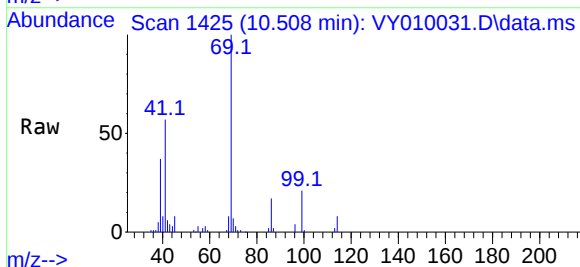
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

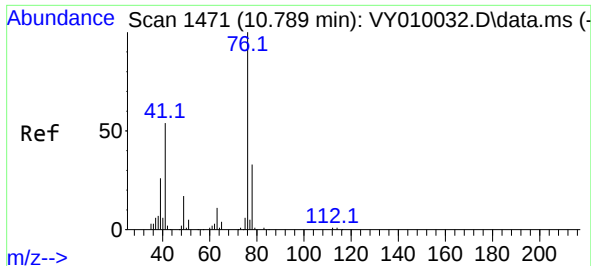
Tgt Ion:	97	Resp:	16572
Ion	Ratio	Lower	Upper
97	100		
83	84.7	65.9	98.9
85	54.8	44.2	66.2
99	61.0	48.2	72.4



#56
Ethyl methacrylate
Concen: 16.752 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion:	69	Resp:	18966
Ion	Ratio	Lower	Upper
69	100		
41	59.3	52.8	79.2
39	36.7	32.4	48.6





#57

1,3-Dichloropropane

Concen: 17.258 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY010031.D

Acq: 15 Aug 2022 16:51

Instrument :

MSVOA_Y

ClientSampleId :

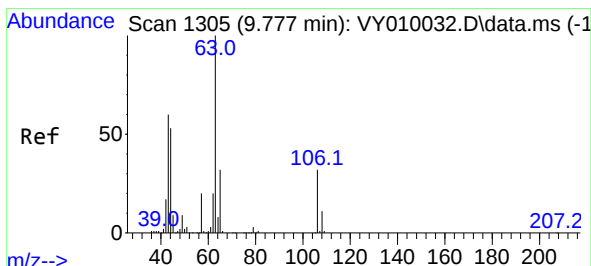
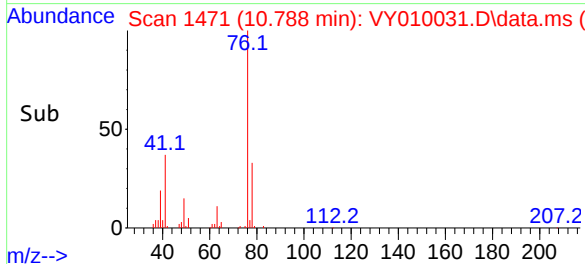
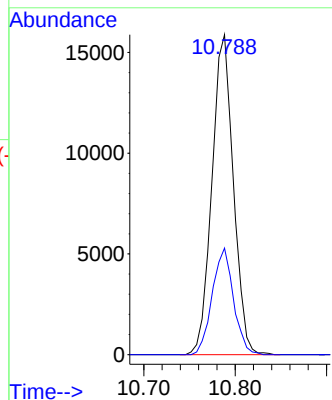
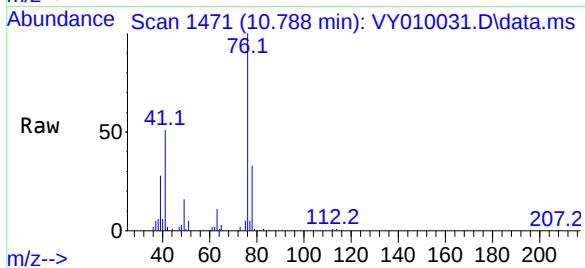
VSTDIC020

Tgt Ion: 76 Resp: 25850

Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 101.378 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VY010031.D

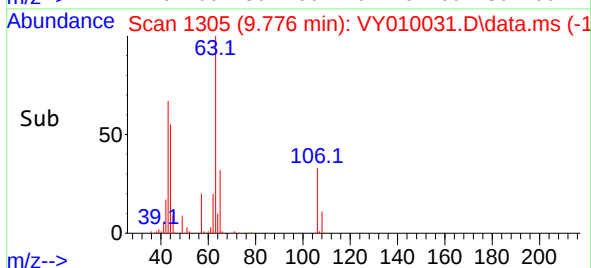
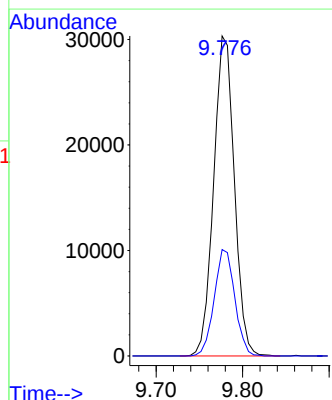
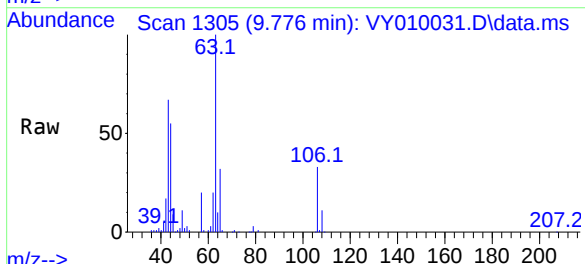
Acq: 15 Aug 2022 16:51

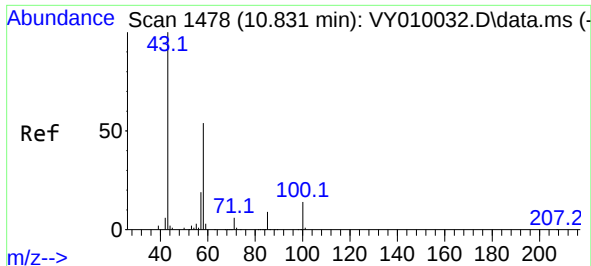
Tgt Ion: 63 Resp: 50334

Ion Ratio Lower Upper

63 100

106 33.1 25.7 38.5

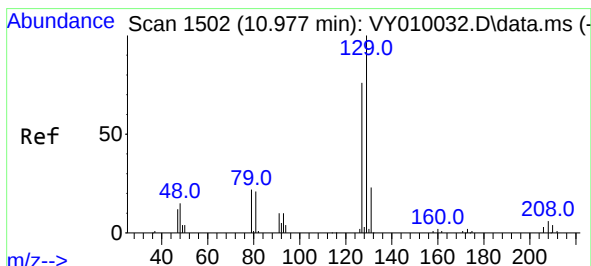
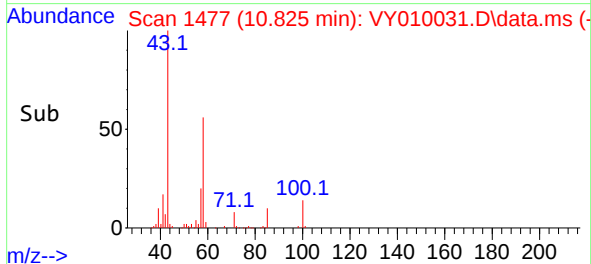
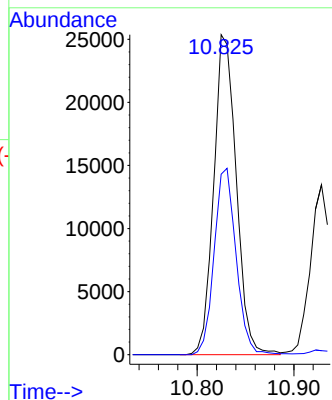
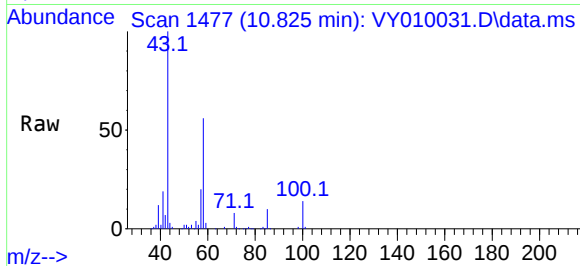




#59
2-Hexanone
Concen: 77.842 ug/l
RT: 10.825 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

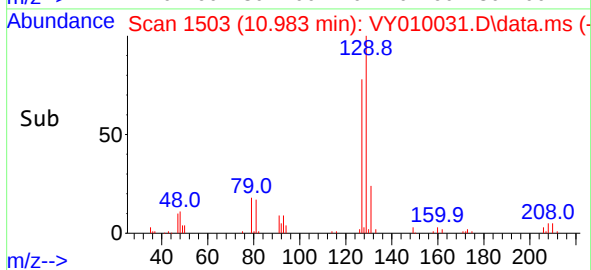
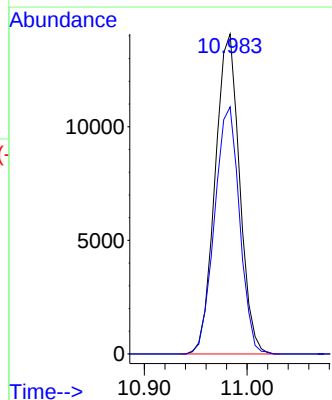
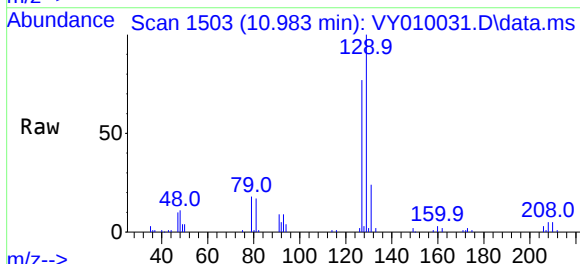
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

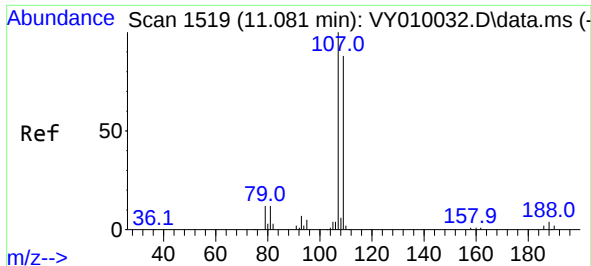
Tgt Ion: 43 Resp: 41030
Ion Ratio Lower Upper
43 100
58 56.8 26.3 78.9



#60
Dibromochloromethane
Concen: 21.596 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion:129 Resp: 23231
Ion Ratio Lower Upper
129 100
127 79.1 38.1 114.5

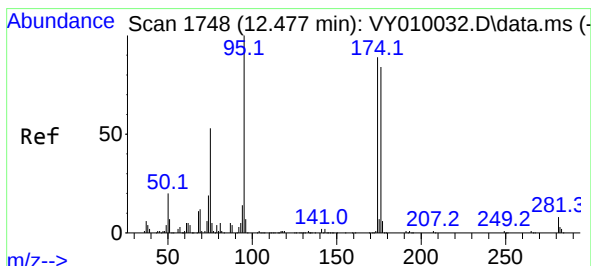
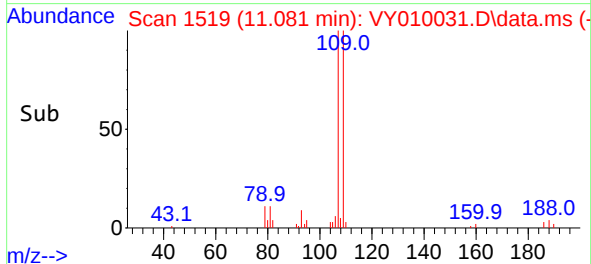
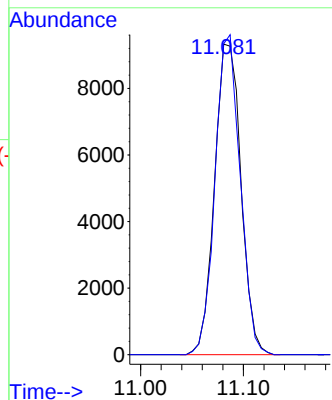
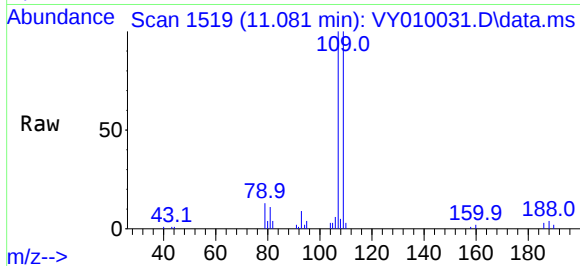




#61
1,2-Dibromoethane
Concen: 18.748 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

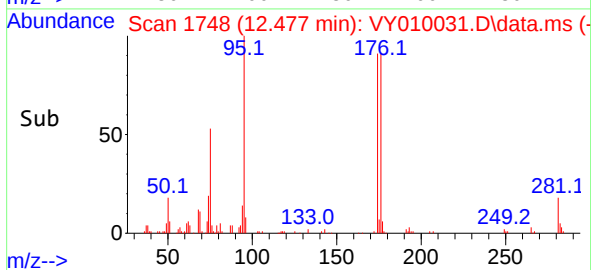
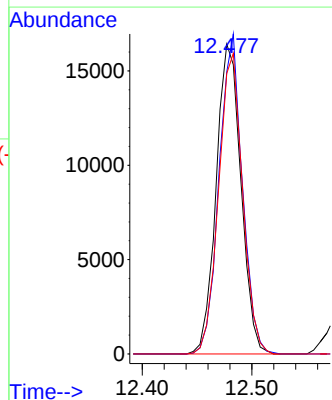
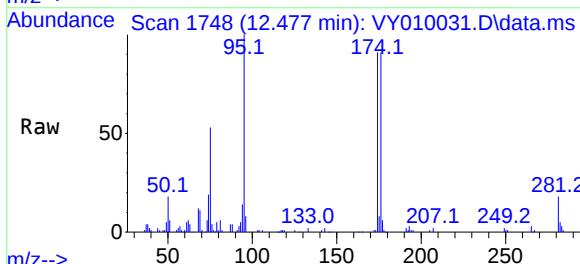
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

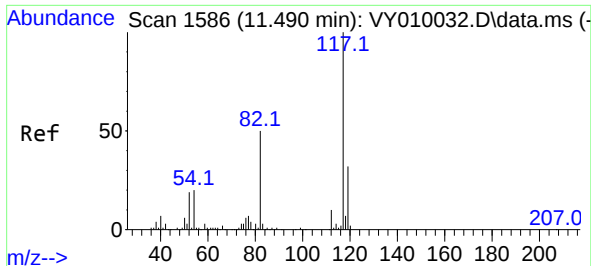
Tgt Ion:107 Resp: 16645
Ion Ratio Lower Upper
107 100
109 98.0 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 18.245 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion: 95 Resp: 25771
Ion Ratio Lower Upper
95 100
174 96.7 0.0 184.2
176 93.9 0.0 178.4



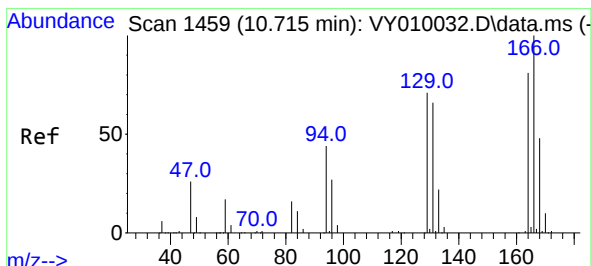
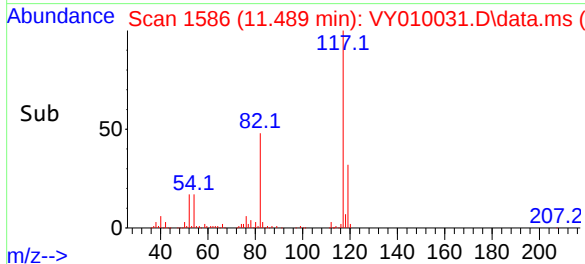
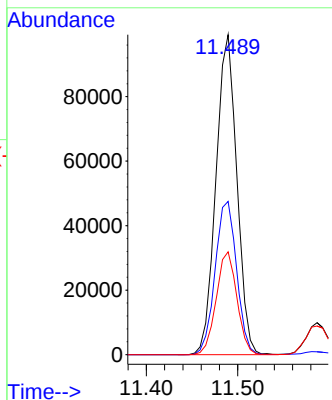
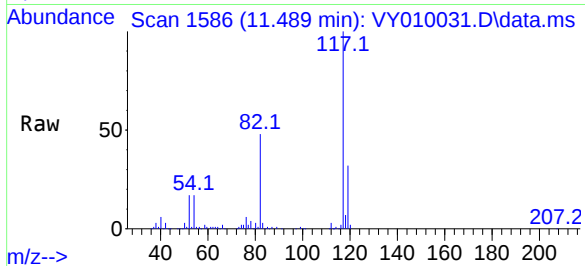


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 157808

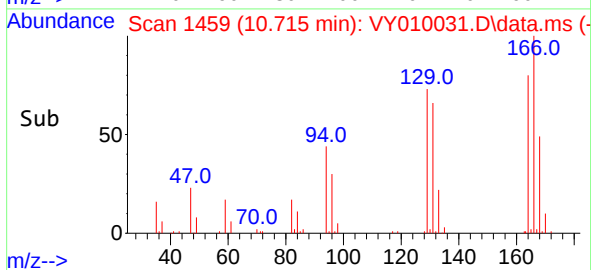
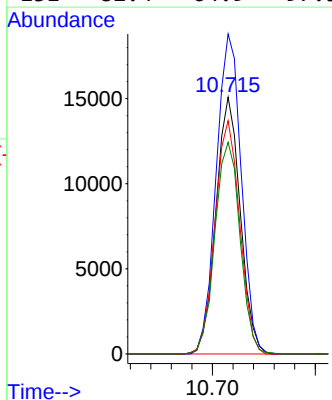
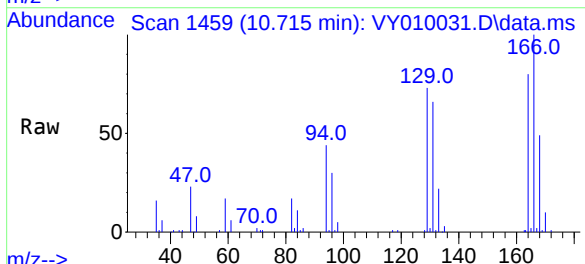
Ion	Ratio	Lower	Upper
117	100		
82	47.9	39.8	59.6
119	32.1	25.6	38.4

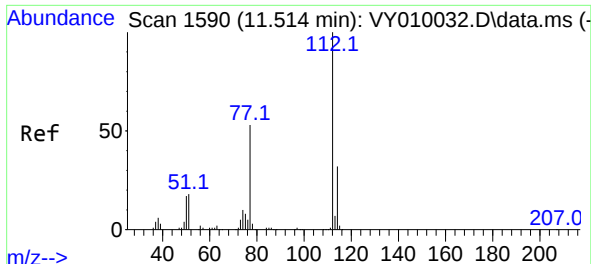


#64
Tetrachloroethene
Concen: 21.090 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion:164 Resp: 24876

Ion	Ratio	Lower	Upper
164	100		
166	124.6	98.8	148.2
129	90.8	70.1	105.1
131	82.4	64.9	97.3

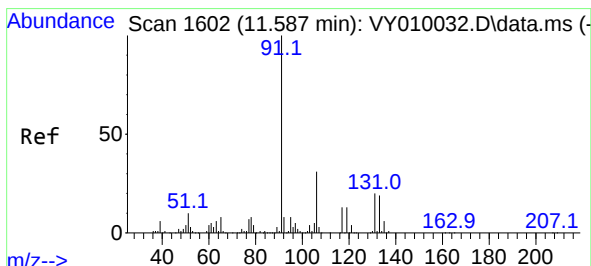
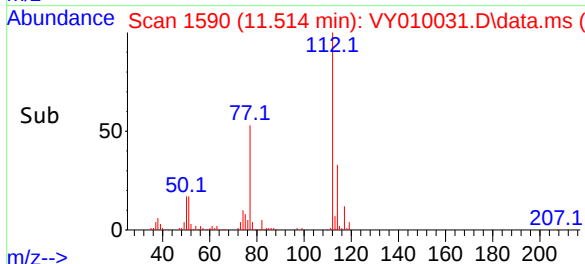
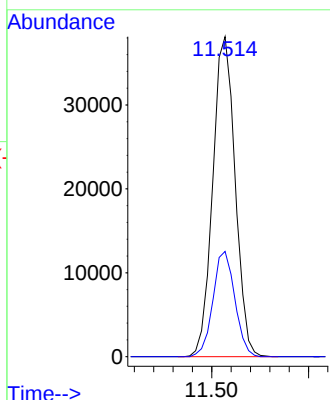
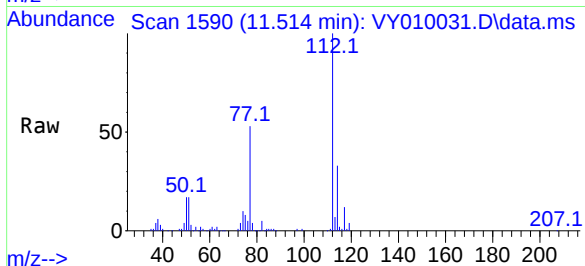




#65
Chlorobenzene
Concen: 19.038 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

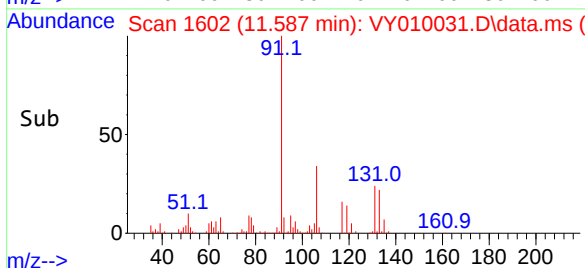
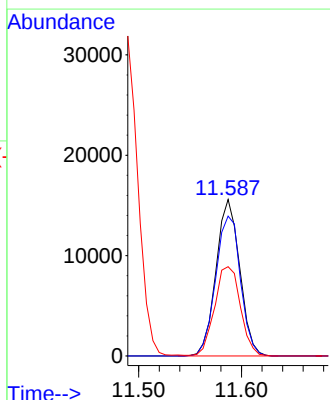
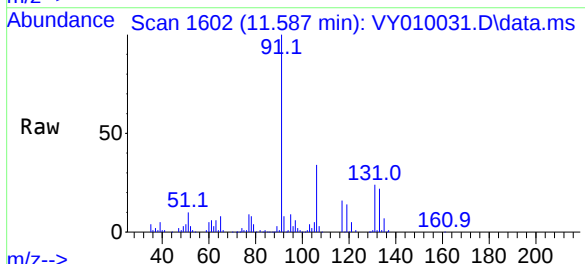
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

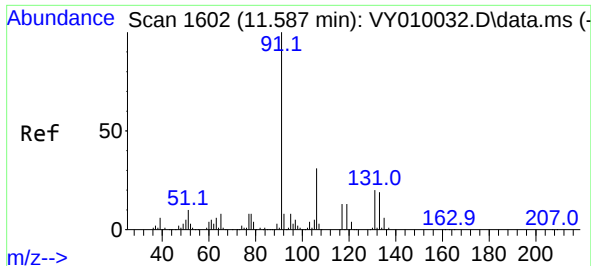
Tgt Ion:112 Resp: 61252
Ion Ratio Lower Upper
112 100
114 32.9 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.417 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion:131 Resp: 24933
Ion Ratio Lower Upper
131 100
133 93.8 47.0 141.0
119 62.2 30.9 92.7

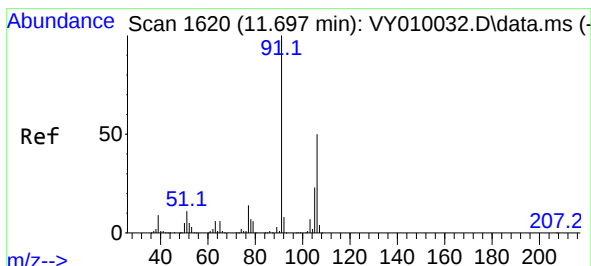
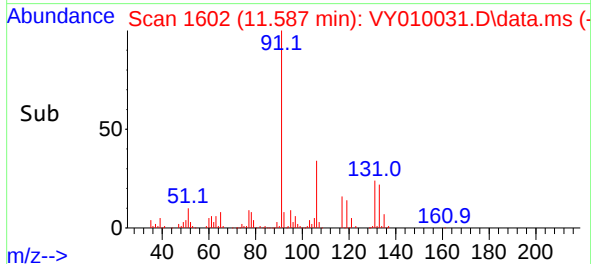
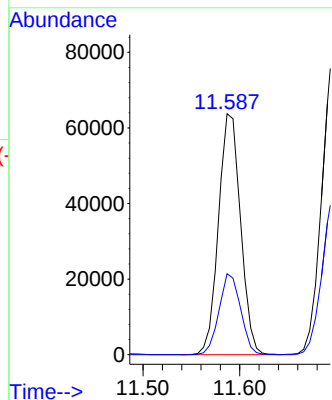
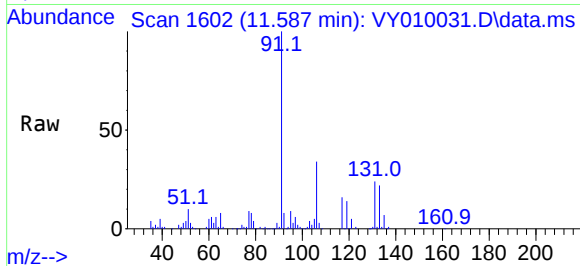




#67
Ethyl Benzene
Concen: 18.515 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

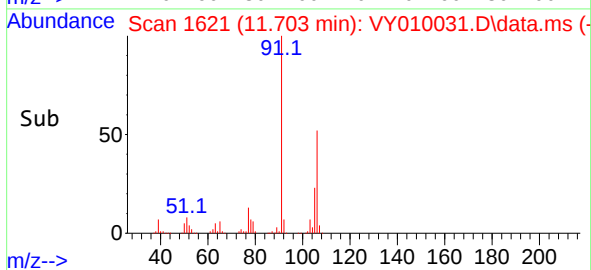
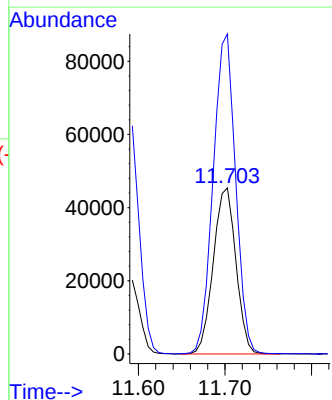
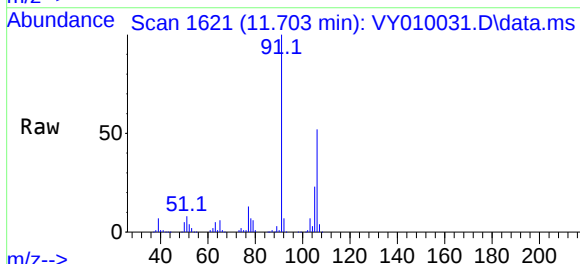
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

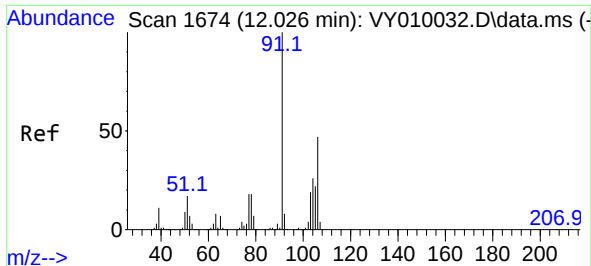
Tgt Ion: 91 Resp: 100810
Ion Ratio Lower Upper
91 100
106 33.6 24.8 37.2



#68
m/p-Xylenes
Concen: 38.881 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion: 106 Resp: 82432
Ion Ratio Lower Upper
106 100
91 190.8 158.2 237.2

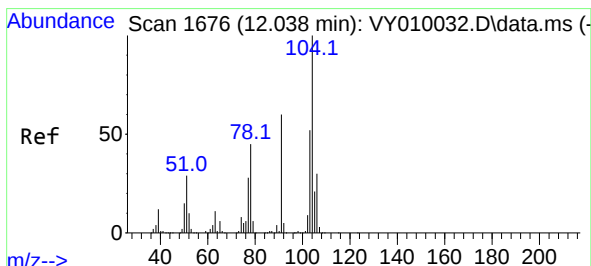
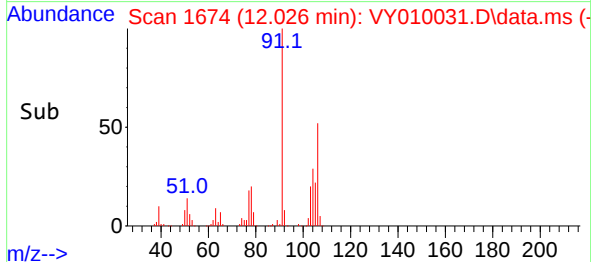
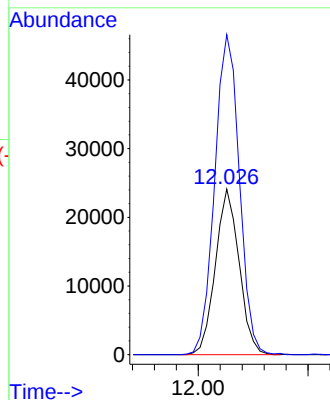
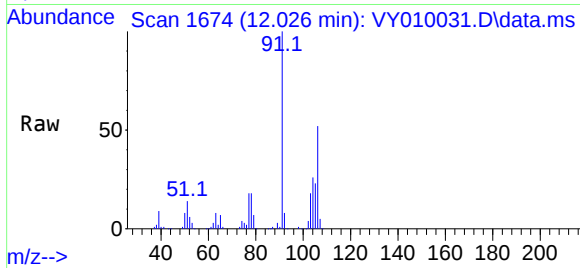




#69
o-Xylene
Concen: 18.013 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

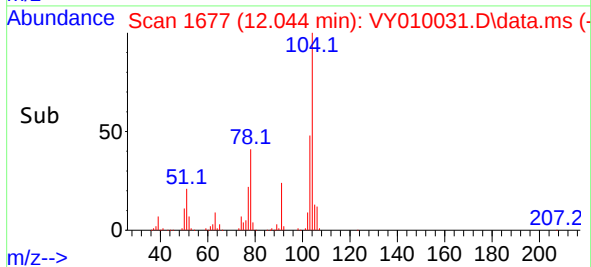
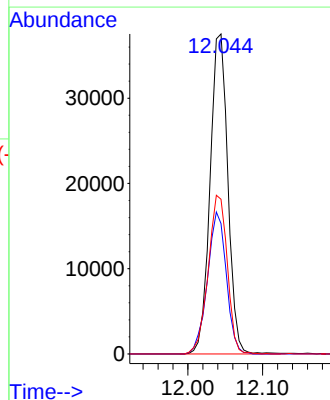
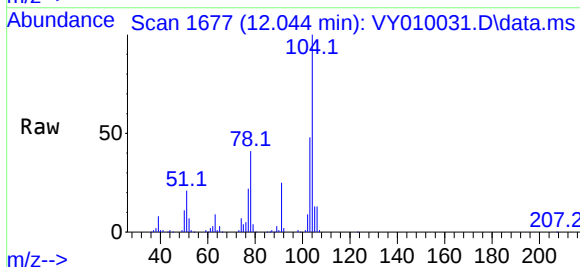
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

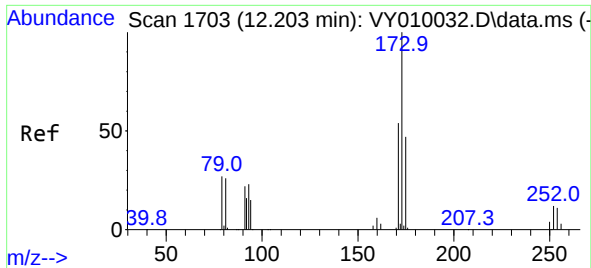
Tgt Ion:106 Resp: 36207
Ion Ratio Lower Upper
106 100
91 201.5 104.6 313.7



#70
Styrene
Concen: 18.178 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion:104 Resp: 62206
Ion Ratio Lower Upper
104 100
78 46.9 38.2 57.4
103 53.2 44.0 66.0

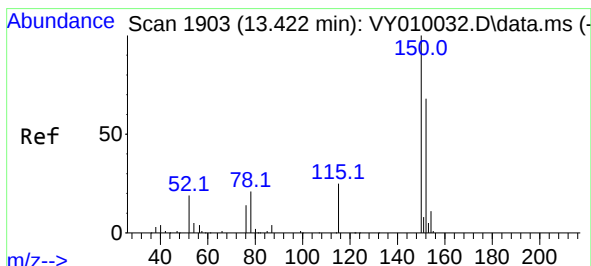
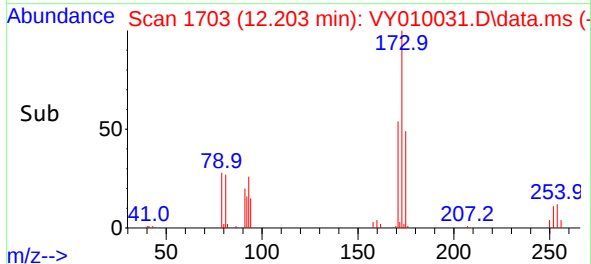
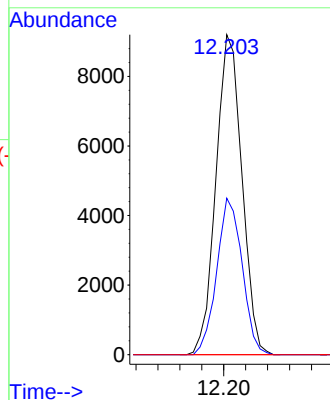
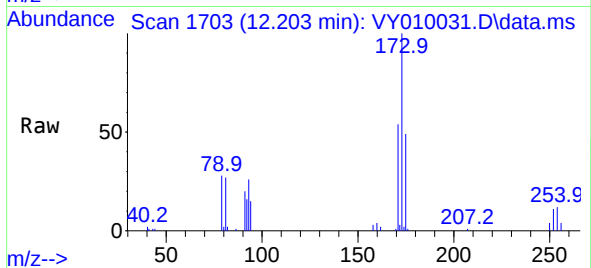




#71
Bromoform
Concen: 20.580 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

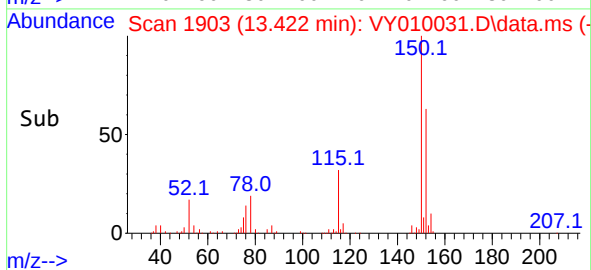
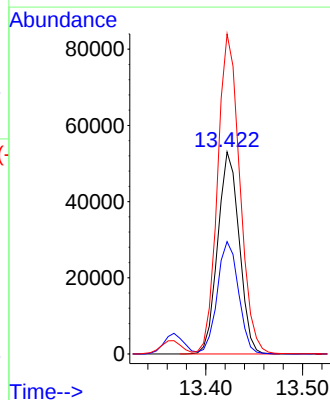
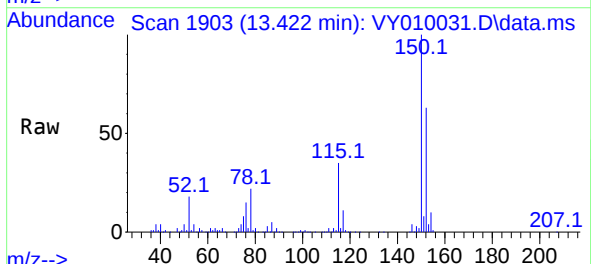
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

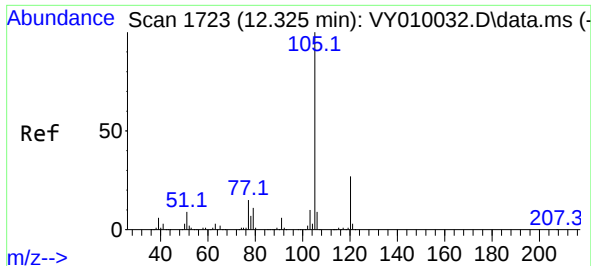
Tgt Ion:173 Resp: 15153
Ion Ratio Lower Upper
173 100
175 47.8 24.3 72.8
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion:152 Resp: 81555
Ion Ratio Lower Upper
152 100
115 55.2 28.1 84.3
150 164.2 0.0 346.6

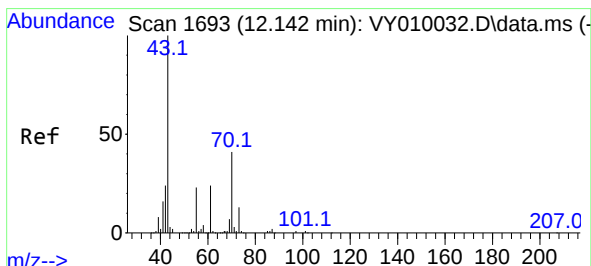
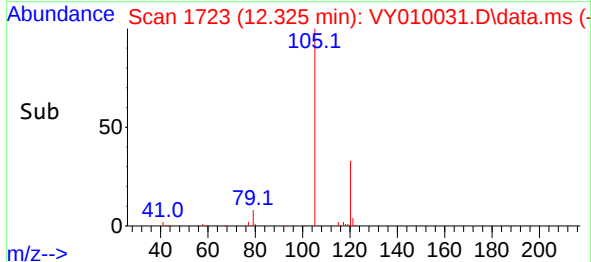
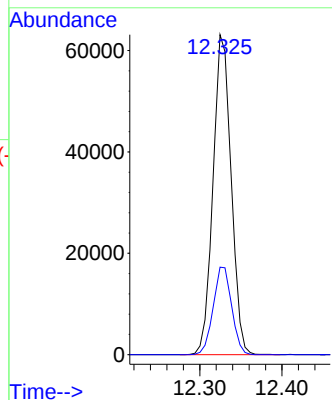
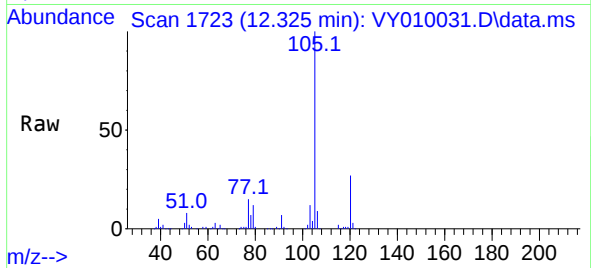




#73
Isopropylbenzene
Concen: 17.841 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

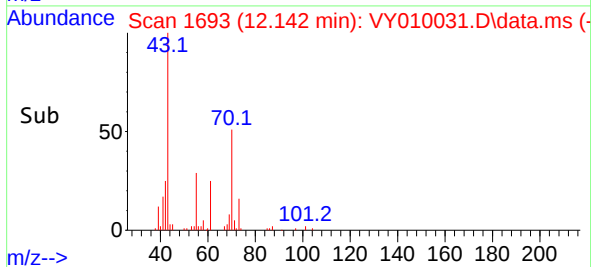
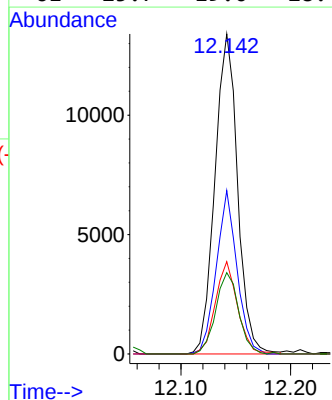
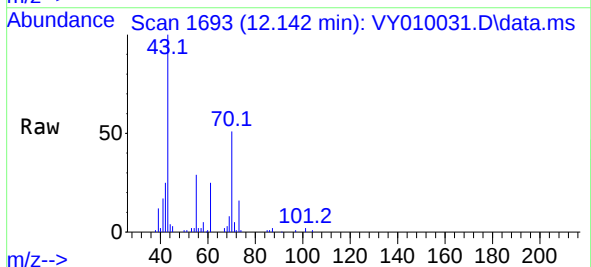
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

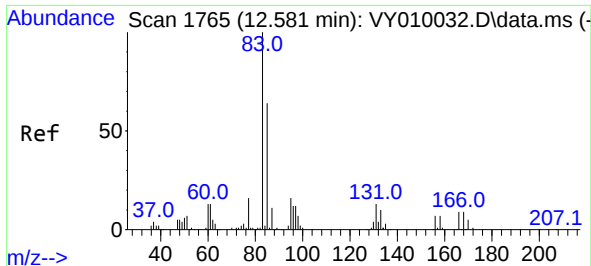
Tgt Ion:105 Resp: 96309
Ion Ratio Lower Upper
105 100
120 27.9 13.5 40.4



#74
N-ethyl acetate
Concen: 13.859 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion: 43 Resp: 19260
Ion Ratio Lower Upper
43 100
70 46.7 32.3 48.5
55 28.2 19.3 28.9
61 25.7 19.0 28.4

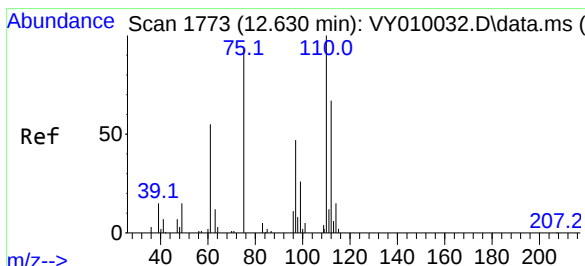
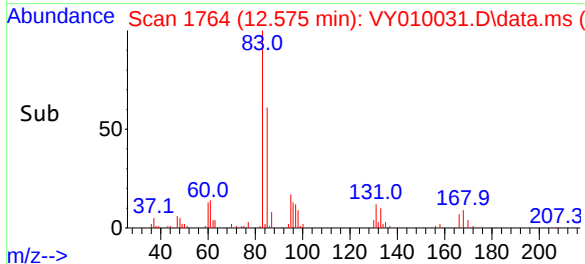
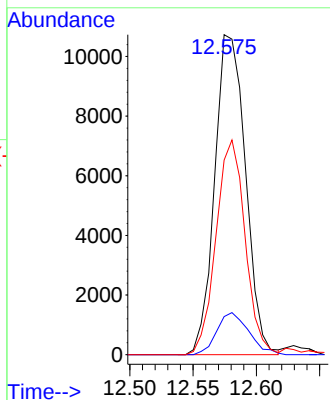
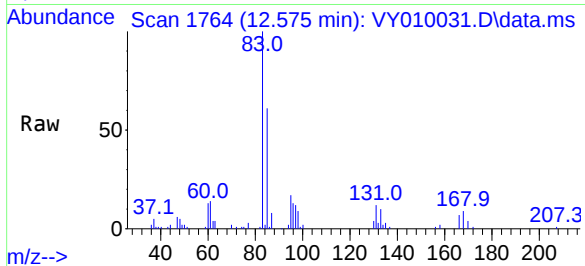




#75
1,1,2,2-Tetrachloroethane
Concen: 14.945 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. -0.006 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

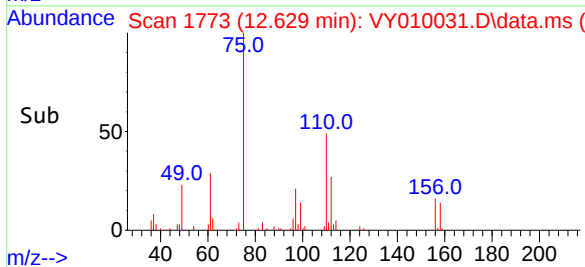
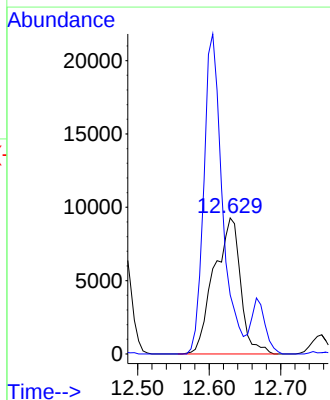
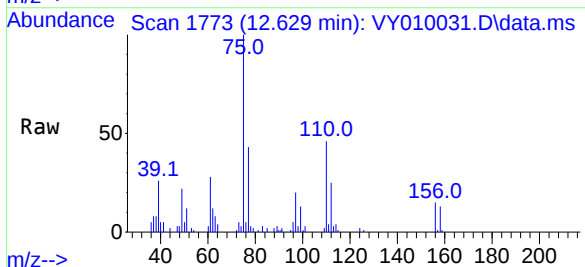
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

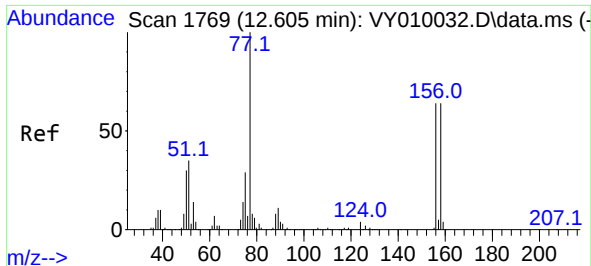
Tgt Ion:	83	Resp:	18181
Ion	Ratio	Lower	Upper
83	100		
131	13.6	5.8	17.3
85	63.4	32.3	96.8



#76
1,2,3-Trichloropropane
Concen: 26.170 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion:	75	Resp:	23918
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

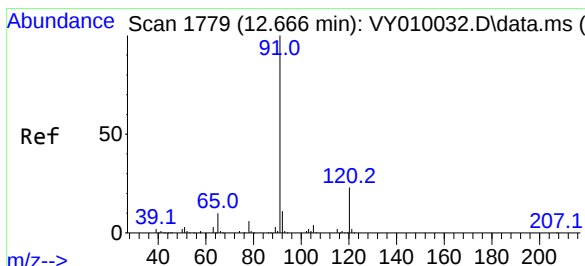
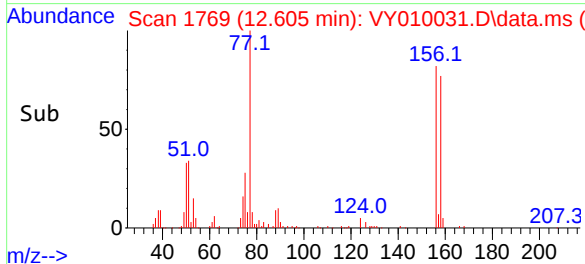
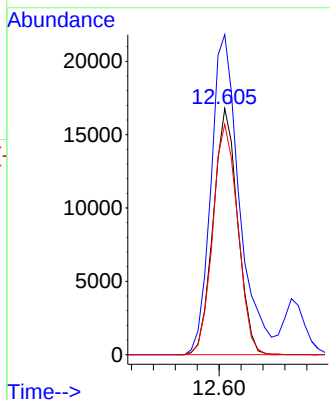
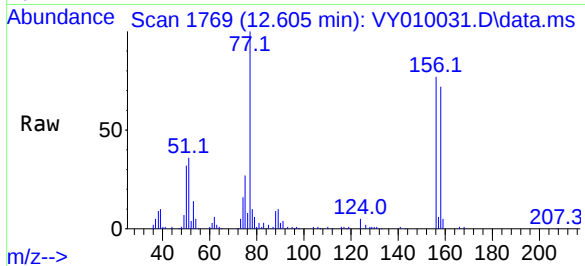




#77
Bromobenzene
Concen: 19.732 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

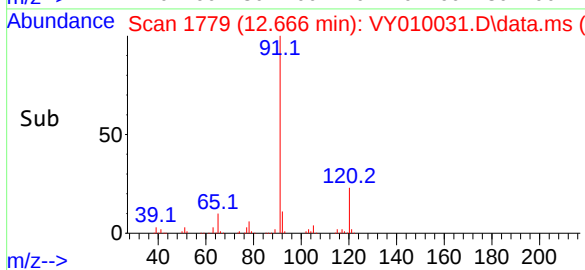
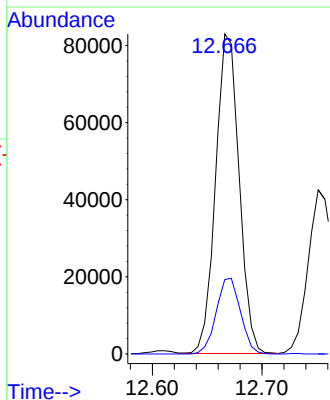
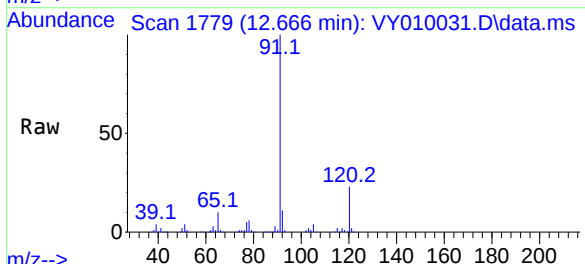
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

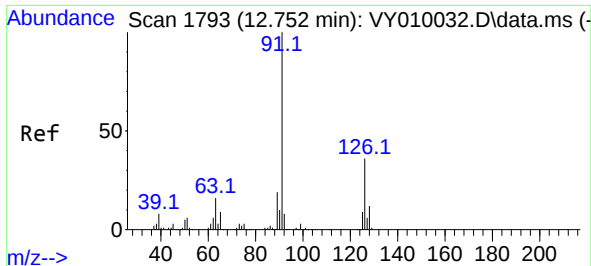
Tgt Ion:156 Resp: 25897
Ion Ratio Lower Upper
156 100
77 151.1 85.9 257.6
158 96.2 48.9 146.8



#78
n-propylbenzene
Concen: 18.286 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion: 91 Resp: 123479
Ion Ratio Lower Upper
91 100
120 24.4 11.9 35.9

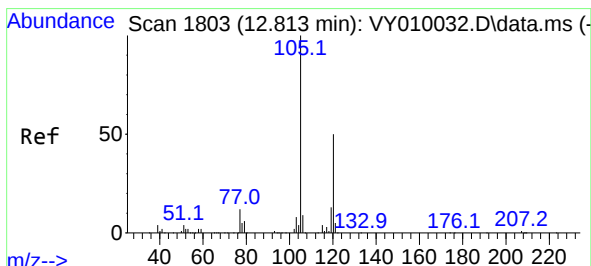
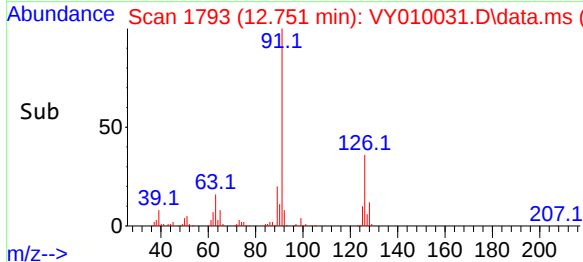
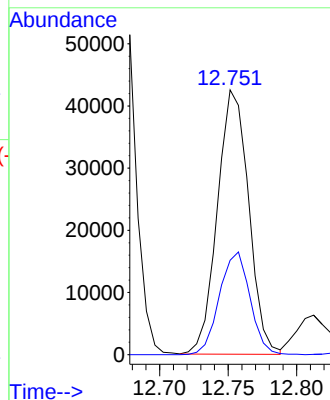
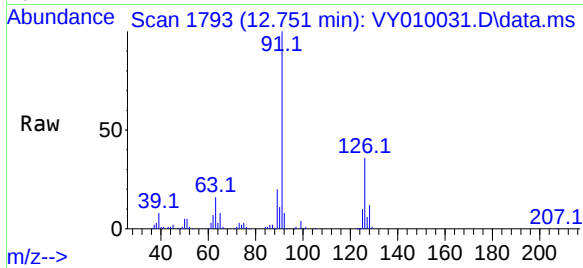




#79
2-Chlorotoluene
Concen: 17.739 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

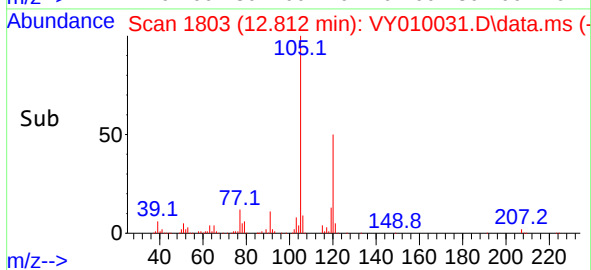
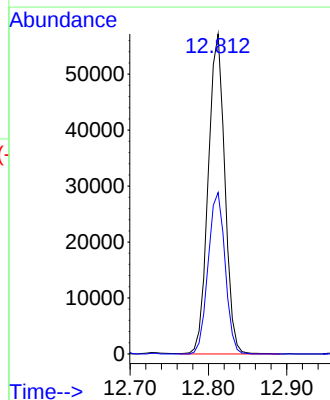
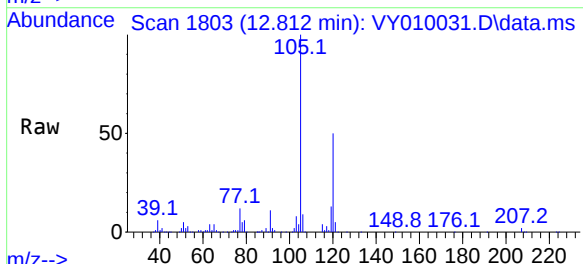
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

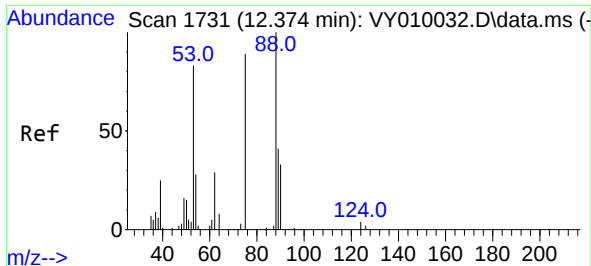
Tgt Ion: 91 Resp: 67661
Ion Ratio Lower Upper
91 100
126 37.9 18.1 54.4



#80
1,3,5-Trimethylbenzene
Concen: 18.993 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion: 105 Resp: 84046
Ion Ratio Lower Upper
105 100
120 51.5 25.0 75.0

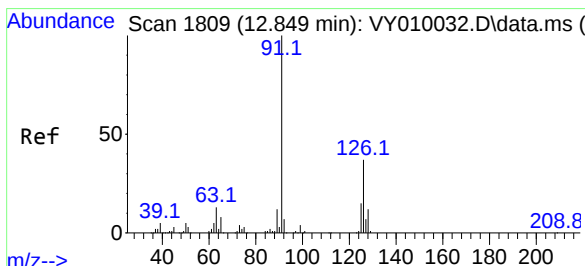
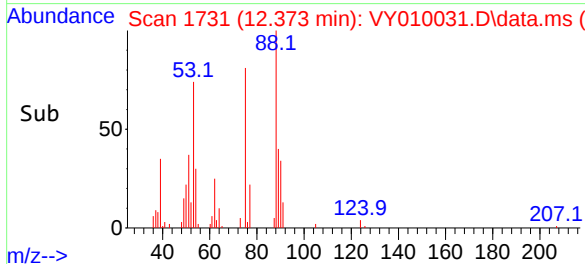
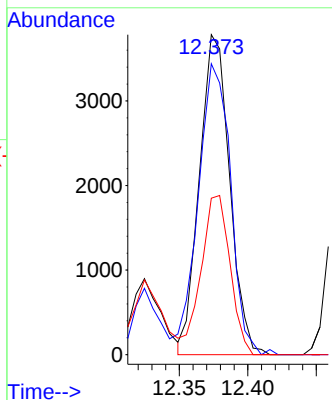
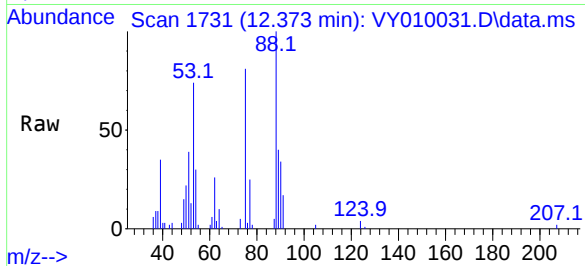




#81
trans-1,4-Dichloro-2-butene
Concen: 13.842 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

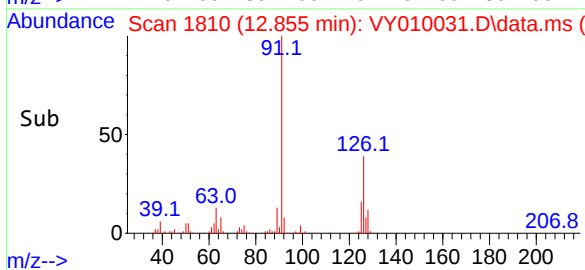
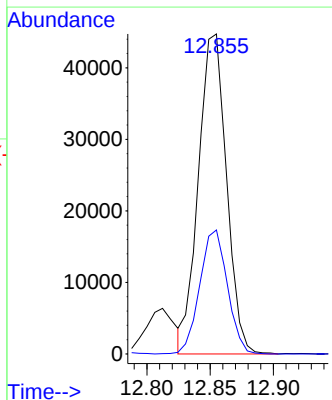
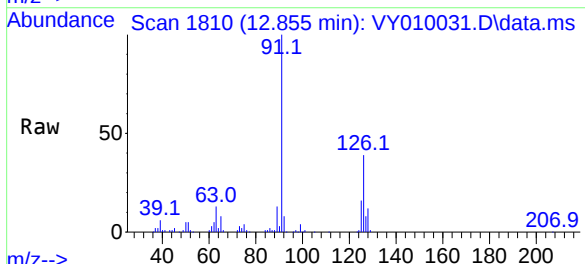
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

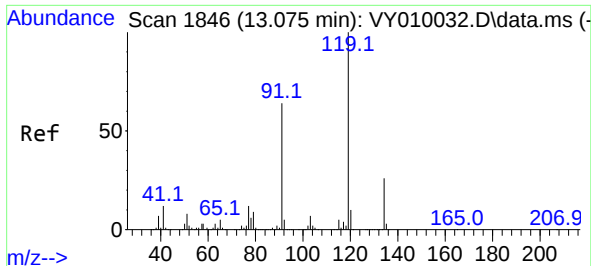
Tgt Ion: 75 Resp: 5792
Ion Ratio Lower Upper
75 100
53 98.0 74.2 111.4
89 48.0 37.8 56.6



#82
4-Chlorotoluene
Concen: 17.353 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion: 91 Resp: 69172
Ion Ratio Lower Upper
91 100
126 38.1 18.3 54.9

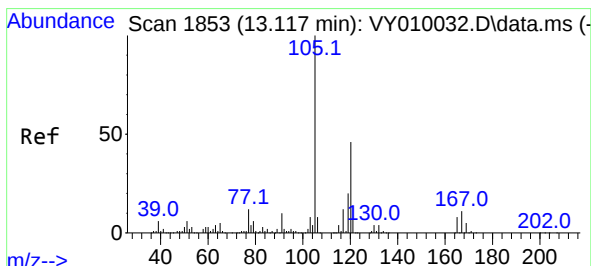
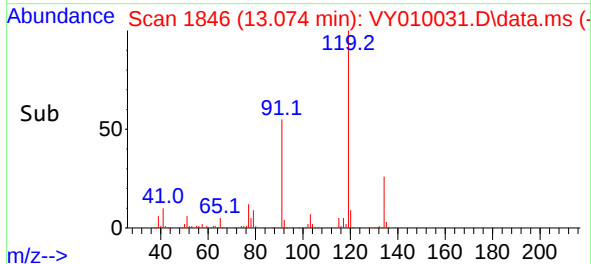
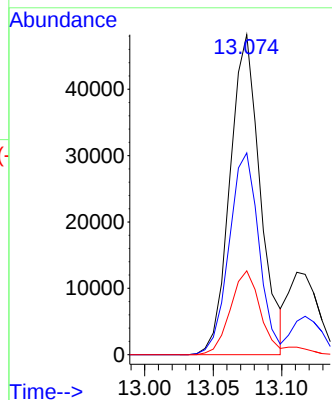
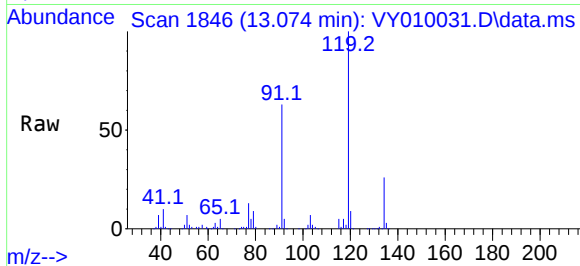




#83
tert-Butylbenzene
Concen: 19.038 ug/l
RT: 13.074 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

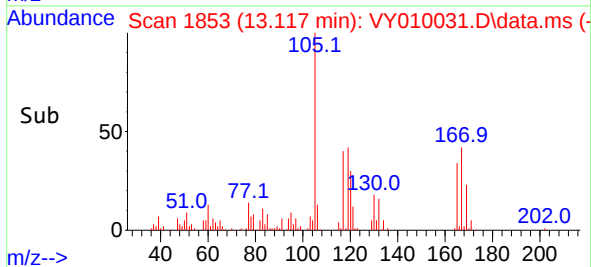
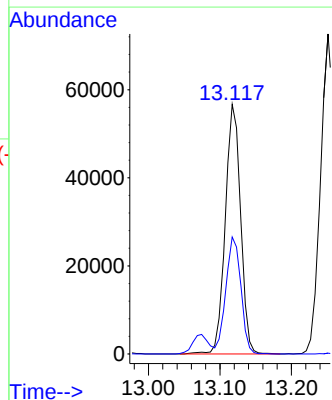
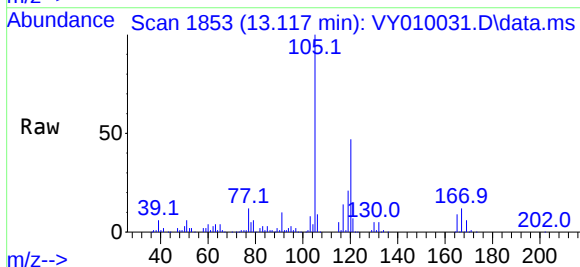
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

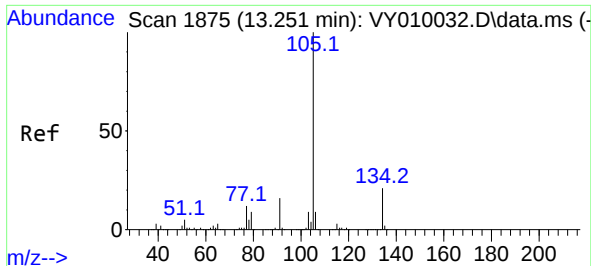
Tgt Ion:	119	Resp:	74125
Ion	Ratio	Lower	Upper
119	100		
91	62.2	31.6	94.7
134	27.7	13.6	40.8



#84
1,2,4-Trimethylbenzene
Concen: 18.976 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion:	105	Resp:	84534
Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.0	69.0

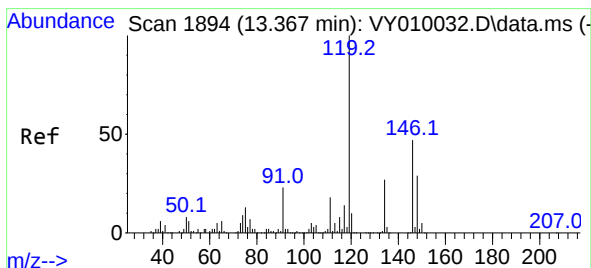
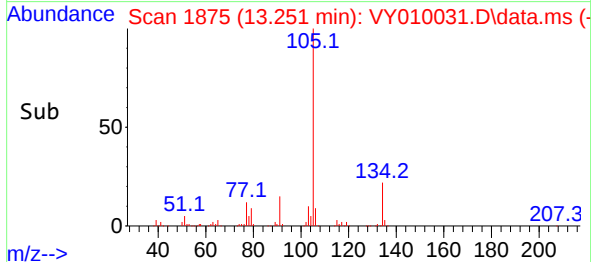
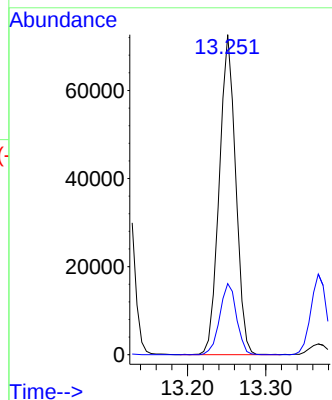
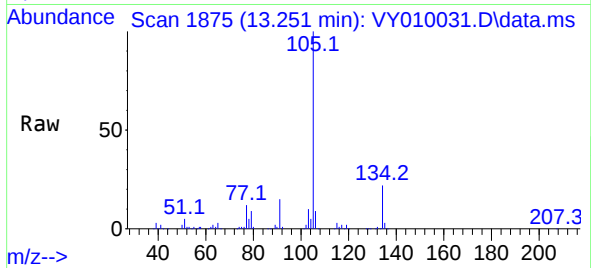




#85
 sec-Butylbenzene
 Concen: 17.730 ug/l
 RT: 13.251 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY010031.D
 Acq: 15 Aug 2022 16:51

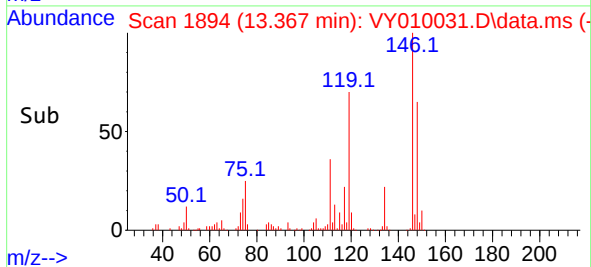
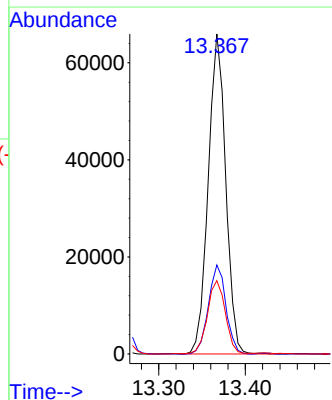
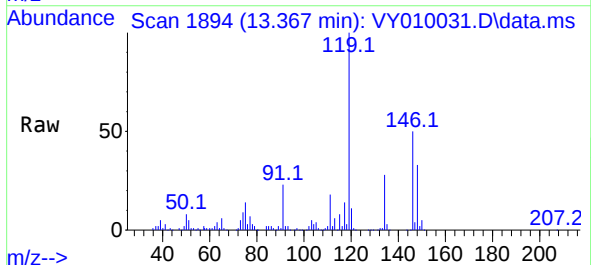
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

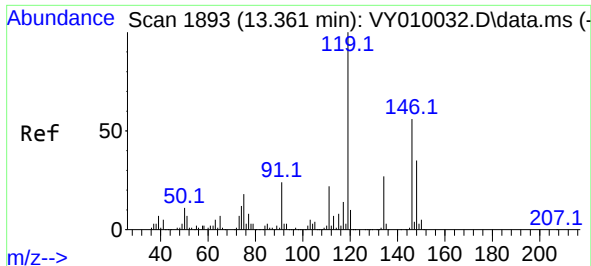
Tgt Ion:105 Resp: 105920
 Ion Ratio Lower Upper
 105 100
 134 22.7 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 19.432 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY010031.D
 Acq: 15 Aug 2022 16:51

Tgt Ion:119 Resp: 92394
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.8 41.3
 91 23.6 11.7 35.0

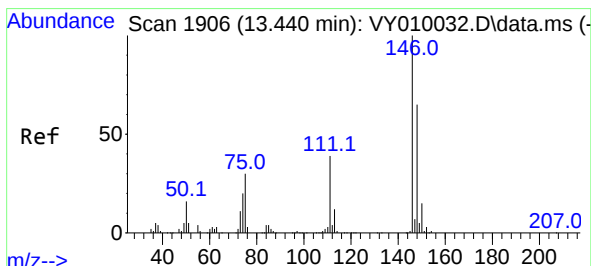
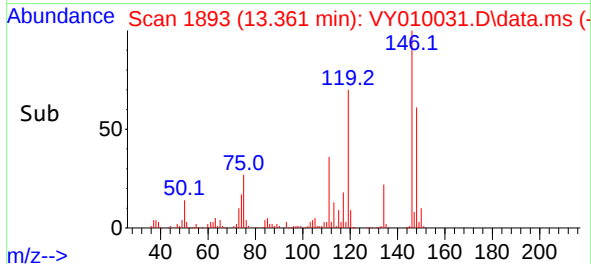
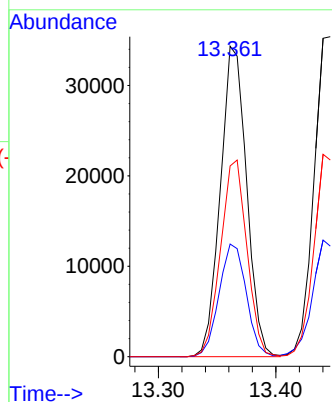
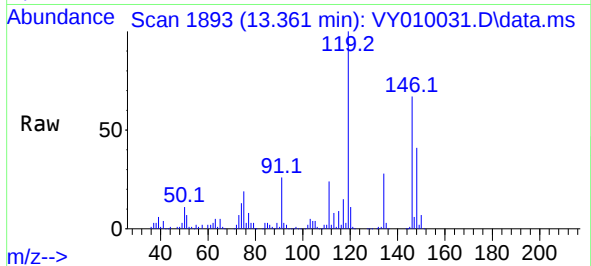




#87
1,3-Dichlorobenzene
Concen: 20.409 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

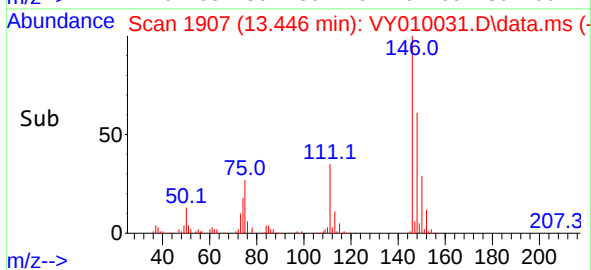
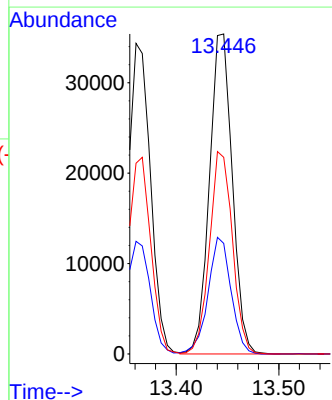
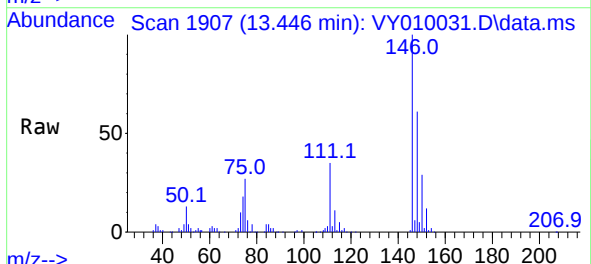
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

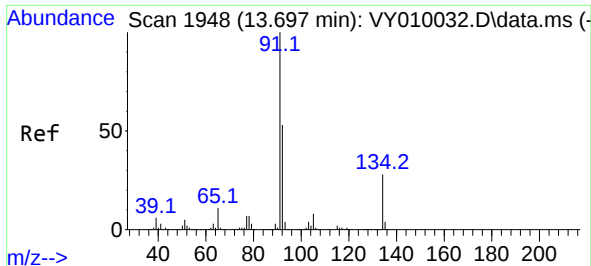
Tgt Ion:146 Resp: 53363
Ion Ratio Lower Upper
146 100
111 37.6 19.2 57.6
148 63.7 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 20.205 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion:146 Resp: 54639
Ion Ratio Lower Upper
146 100
111 36.8 19.1 57.1
148 63.7 32.3 96.9

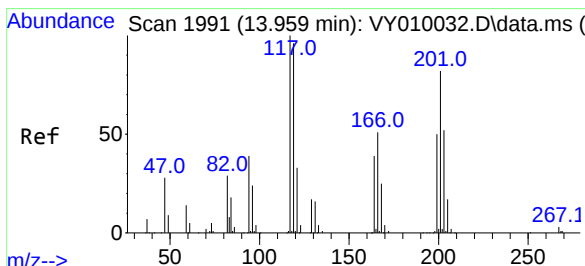
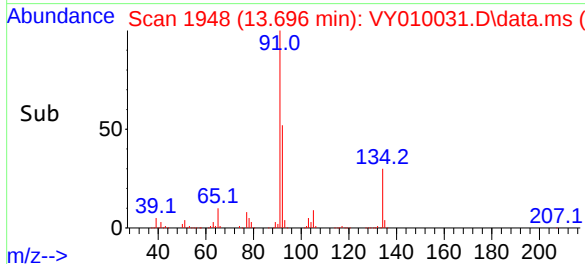
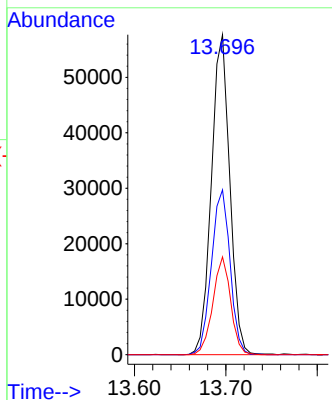
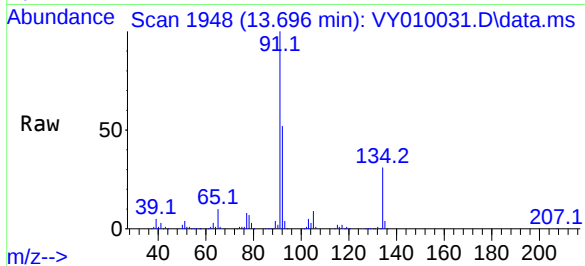




#89
n-Butylbenzene
Concen: 17.786 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

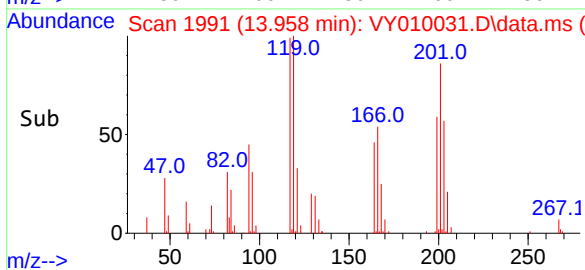
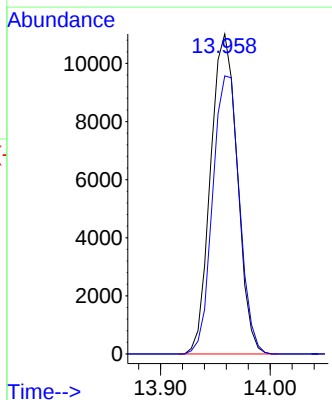
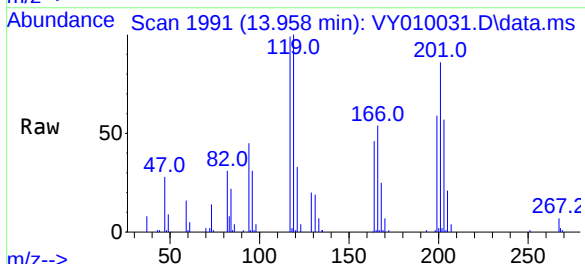
Instrument :
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ClientSampleId :
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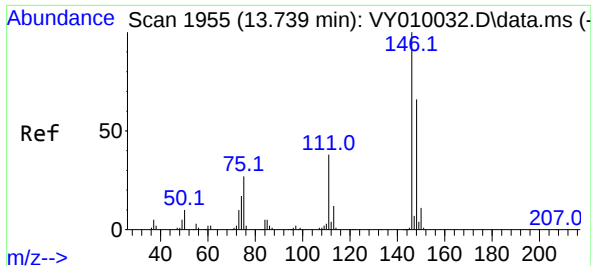
Tgt Ion: 91 Resp: 80635
Ion Ratio Lower Upper
91 100
92 52.3 26.3 78.9
134 29.6 13.6 40.8



#90
Hexachloroethane
Concen: 18.596 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion: 117 Resp: 18653
Ion Ratio Lower Upper
117 100
201 87.1 42.4 127.1

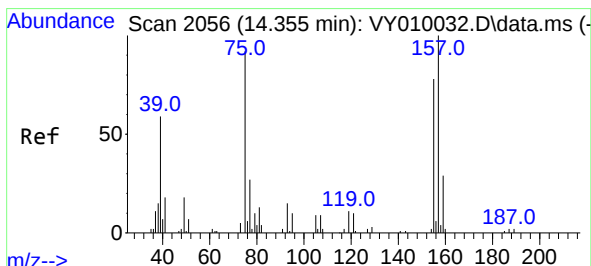
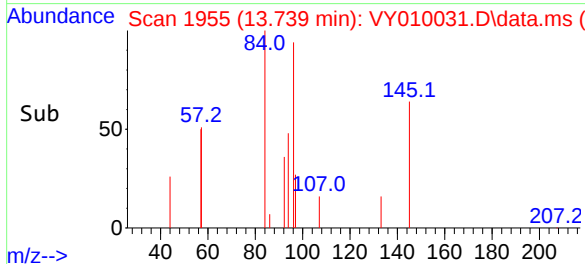
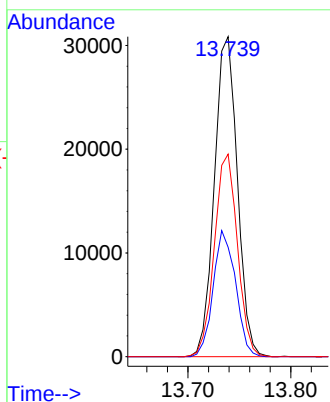
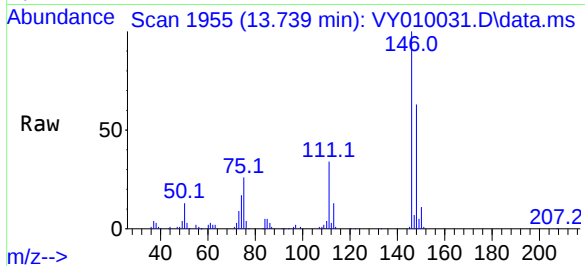




#91
1,2-Dichlorobenzene
Concen: 20.541 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

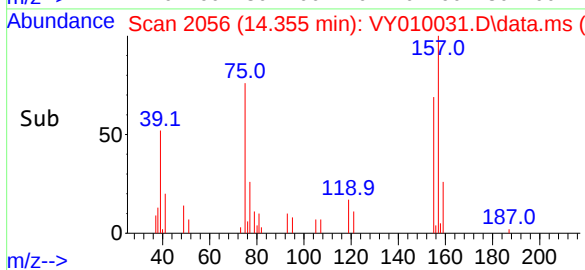
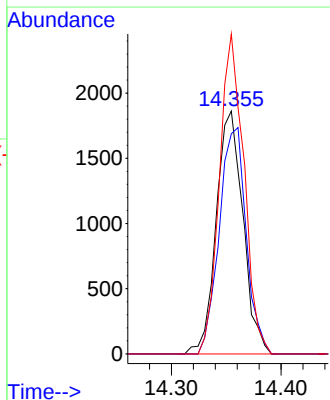
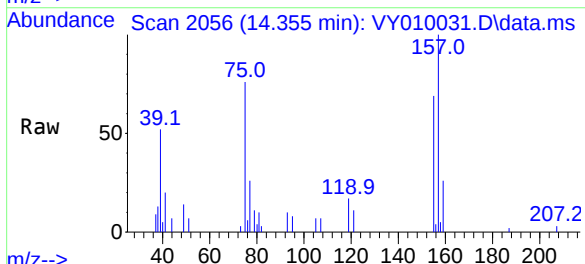
Instrument :
MSVOA_Y
ClientSampleId :
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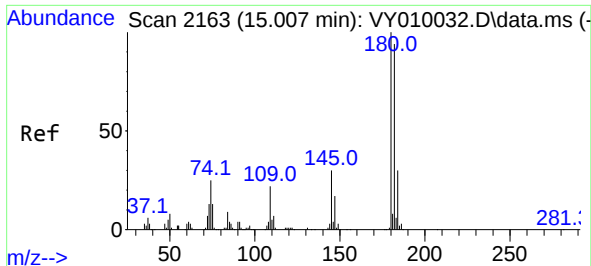
Tgt Ion:	146	Resp:	47819
Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.4	58.4
148	63.6	32.1	96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.098 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion:	75	Resp:	3151
Ion	Ratio	Lower	Upper
75	100		
155	93.8	46.9	140.6
157	120.6	59.7	179.0

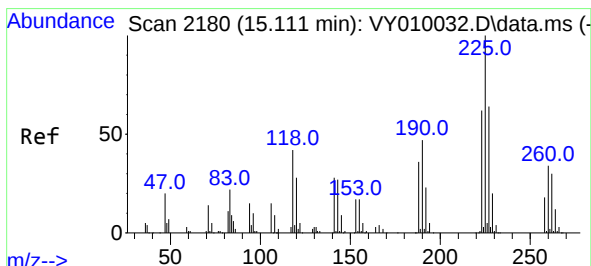
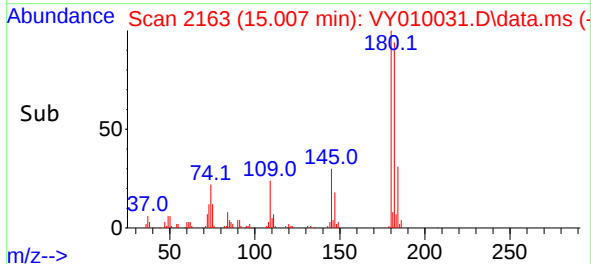
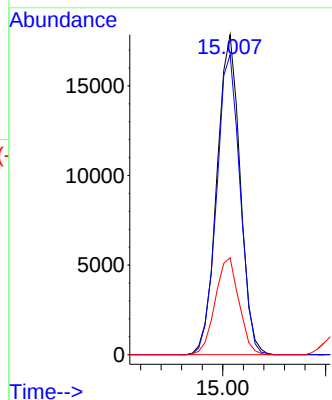
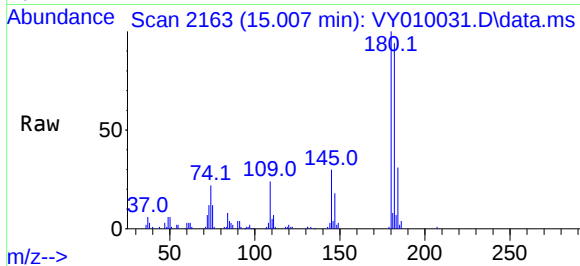




#93
1,2,4-Trichlorobenzene
Concen: 20.846 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

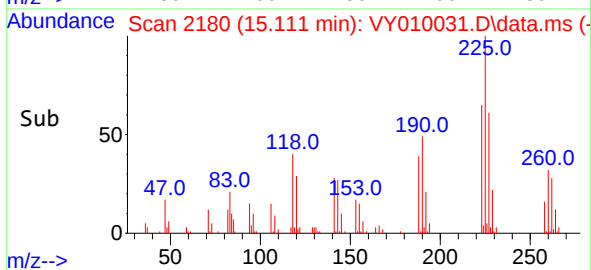
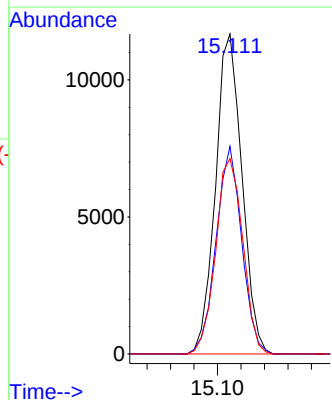
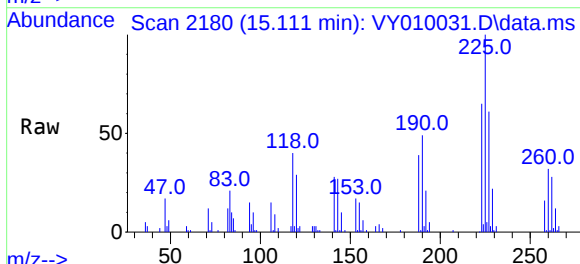
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

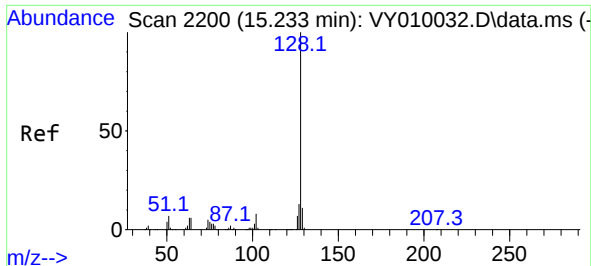
Tgt Ion:180	Resp:	27872
Ion Ratio	Lower	Upper
180	100	
182	94.6	47.4 142.2
145	31.0	14.8 44.4



#94
Hexachlorobutadiene
Concen: 23.613 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion:225	Resp:	18265
Ion Ratio	Lower	Upper
225	100	
223	62.8	31.6 94.8
227	62.6	32.6 97.8

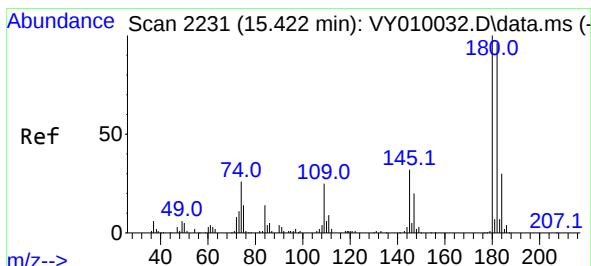
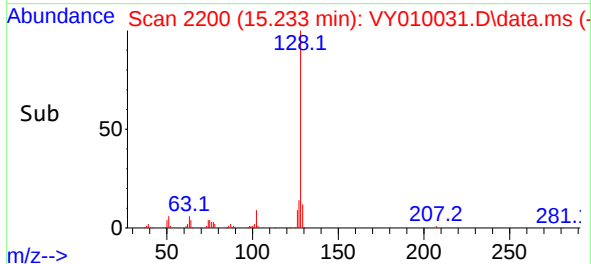
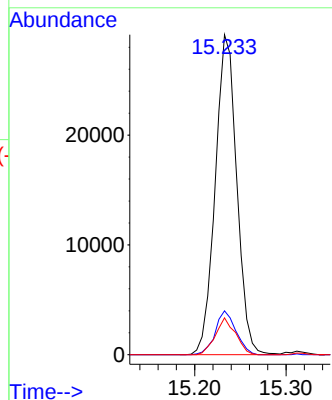
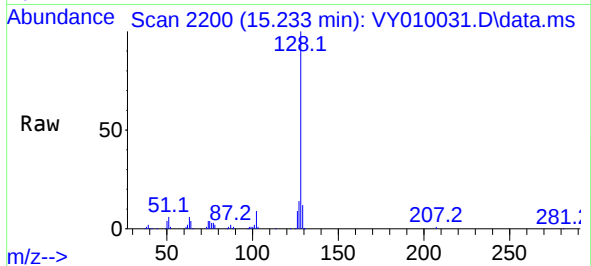




#95
Naphthalene
Concen: 18.095 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:128 Resp: 47717
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.637 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY010031.D
Acq: 15 Aug 2022 16:51

Tgt Ion:180 Resp: 24362
Ion Ratio Lower Upper
180 100
182 95.2 48.0 144.0
145 30.3 15.7 47.0

