

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072622\
 Data File : VY009693.D
 Acq On : 26 Jul 2022 11:41
 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Jul 27 02:14:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 02:13:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	229739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	356469	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	322683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	152996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	9952	5.637	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.280%#
35) Dibromofluoromethane	7.709	113	9754	5.020	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.040%#
50) Toluene-d8	10.172	98	33367	5.147	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	10.300%#
62) 4-Bromofluorobenzene	12.483	95	12344	4.779	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	9.560%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	11072	5.516	ug/l	95
3) Chloromethane	2.107	50	12282	4.855	ug/l	99
4) Vinyl Chloride	2.241	62	12921	4.625	ug/l	99
5) Bromomethane	2.637	94	9985	5.201	ug/l	98
6) Chloroethane	2.783	64	7961	4.755	ug/l	96
7) Trichlorofluoromethane	3.113	101	18046	4.907	ug/l	99
8) Diethyl Ether	3.521	74	5843	4.882	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.881	101	10212	4.904	ug/l	97
10) Methyl Iodide	4.082	142	10848	3.951	ug/l #	87
11) Tert butyl alcohol	4.948	59	8794	35.944	ug/l #	95
12) 1,1-Dichloroethene	3.862	96	9009	4.596	ug/l	84
13) Acrolein	3.722	56	1217	30.253	ug/l	99
14) Allyl chloride	4.472	41	14189	4.607	ug/l #	92
15) Acrylonitrile	5.161	53	14629	25.031	ug/l	96
16) Acetone	3.936	43	15852	28.762	ug/l	98
17) Carbon Disulfide	4.179	76	23091	3.831	ug/l	99
18) Methyl Acetate	4.460	43	13471	8.333	ug/l	93
19) Methyl tert-butyl Ether	5.204	73	25632	4.745	ug/l	95
20) Methylene Chloride	4.698	84	29219	7.828	ug/l #	83
21) trans-1,2-Dichloroethene	5.210	96	10417	4.543	ug/l	86
22) Diisopropyl ether	6.112	45	30301	4.589	ug/l #	88
23) Vinyl Acetate	6.051	43	70920	17.394	ug/l #	94
24) 1,1-Dichloroethane	6.002	63	18319	4.812	ug/l	99
25) 2-Butanone	6.978	43	21415	26.269	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	20896	5.772	ug/l	96
27) cis-1,2-Dichloroethene	6.972	96	12006	4.697	ug/l	95
28) Bromochloromethane	7.319	49	7457	5.389	ug/l #	81
29) Tetrahydrofuran	7.344	42	12204	23.591	ug/l	93
30) Chloroform	7.496	83	19728	4.961	ug/l	99
31) Cyclohexane	7.782	56	18398	5.050	ug/l #	72
32) 1,1,1-Trichloroethane	7.697	97	17673	4.928	ug/l	96
36) 1,1-Dichloropropene	7.911	75	14638	4.588	ug/l	97
37) Ethyl Acetate	7.069	43	10133	5.400	ug/l #	85
38) Carbon Tetrachloride	7.892	117	15687	4.642	ug/l	94
39) Methylcyclohexane	9.179	83	15773	4.058	ug/l	92
40) Benzene	8.154	78	43678	4.668	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.337	41	11440	11.878	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	12383	4.754	ug/l	91
43) Isopropyl Acetate	8.270	43	15448	4.692	ug/l #	93
44) Trichloroethene	8.935	130	12484	4.659	ug/l	95
45) 1,2-Dichloropropane	9.215	63	11020	4.841	ug/l	96
46) Dibromomethane	9.300	93	6567	4.795	ug/l	96
47) Bromodichloromethane	9.489	83	15203	4.867	ug/l	98
48) Methyl methacrylate	9.288	41	6282	4.340	ug/l #	84
49) 1,4-Dioxane	9.288	88	1500	84.264	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	41261	24.554	ug/l	93
52) Toluene	10.239	92	26597	4.553	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	14895	4.638	ug/l	94
54) cis-1,3-Dichloropropene	9.922	75	17497	4.730	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	9589	5.005	ug/l #	88
56) Ethyl methacrylate	10.508	69	10289	4.294	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	15124	4.827	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	24509	23.465	ug/l	95
59) 2-Hexanone	10.831	43	25967	21.729	ug/l	92
60) Dibromochloromethane	10.983	129	10800	4.666	ug/l	98
61) 1,2-Dibromoethane	11.087	107	8710	4.669	ug/l	99
64) Tetrachloroethene	10.715	164	12361	4.881	ug/l	93
65) Chlorobenzene	11.514	112	31681	4.900	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	11443	4.762	ug/l	94
67) Ethyl Benzene	11.587	91	50268	4.492	ug/l	95
68) m/p-Xylenes	11.696	106	39113	8.748	ug/l	93
69) o-Xylene	12.026	106	18226	4.342	ug/l	90
70) Styrene	12.044	104	29824	4.230	ug/l	95
71) Bromoform	12.202	173	7046	4.572	ug/l #	93
73) Isopropylbenzene	12.324	105	49451	4.800	ug/l	100
74) N-amyl acetate	12.141	43	13011	4.758	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.580	83	11042	5.364	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	14238	9.573	ug/l #	100
77) Bromobenzene	12.605	156	13275	5.154	ug/l	89
78) n-propylbenzene	12.666	91	58294	4.749	ug/l	96
79) 2-Chlorotoluene	12.751	91	33790	4.888	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	40049	4.700	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.373	75	3647	4.988	ug/l	85
82) 4-Chlorotoluene	12.855	91	36439	5.032	ug/l	96
83) tert-Butylbenzene	13.074	119	33990	4.530	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	37229	4.420	ug/l	98
85) sec-Butylbenzene	13.251	105	50796	4.627	ug/l	97
86) p-Isopropyltoluene	13.367	119	42025	4.507	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	25557	5.041	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	25716	5.040	ug/l	96
89) n-Butylbenzene	13.696	91	39063	4.583	ug/l	98
90) Hexachloroethane	13.958	117	8936	4.894	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	23043	5.066	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.354	75	1751	5.207	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	14123	4.916	ug/l	98
94) Hexachlorobutadiene	15.110	225	8994	5.214	ug/l	94
95) Naphthalene	15.232	128	23644	4.405	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	12639	5.078	ug/l	98

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

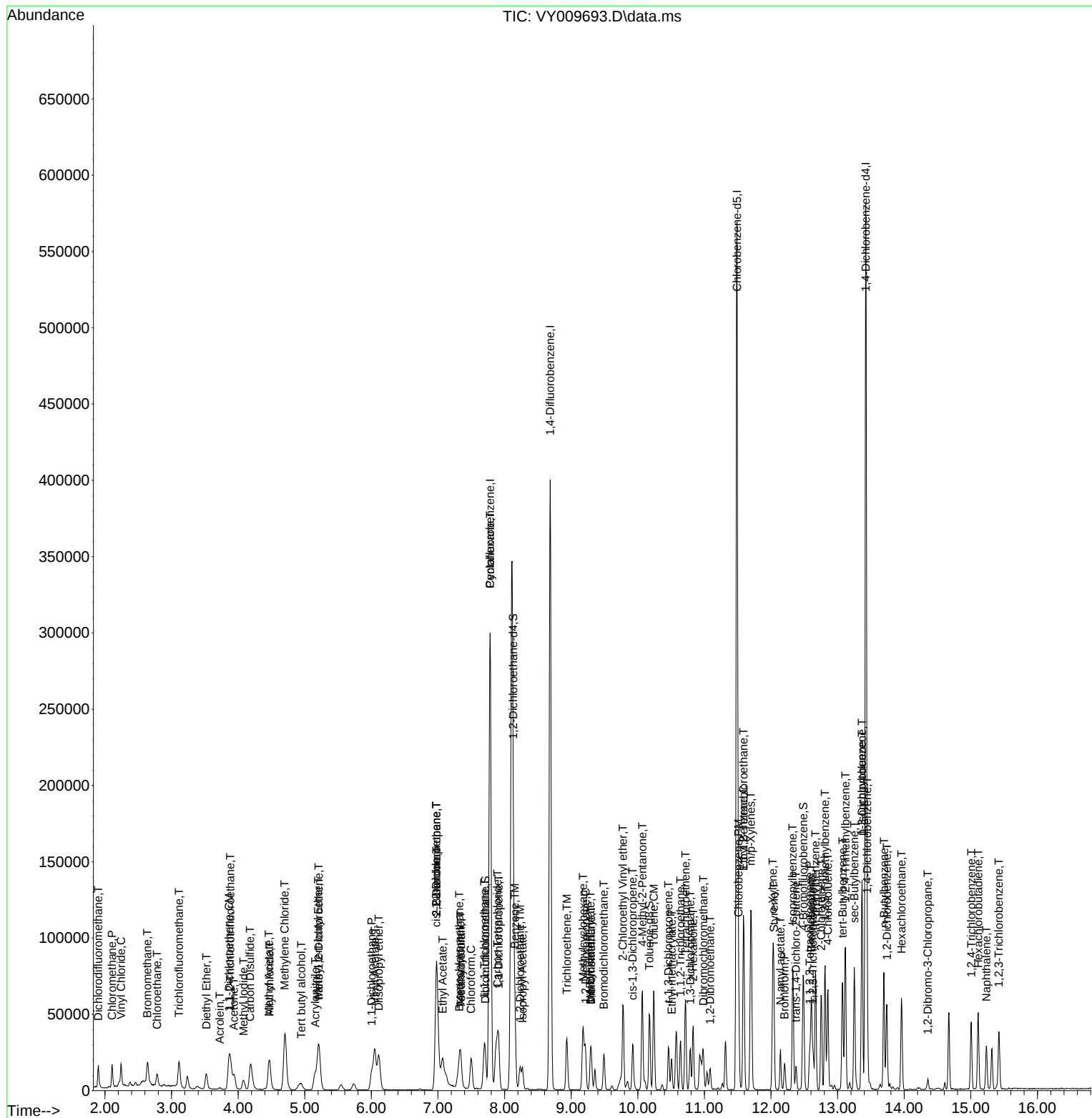
Quant Time: Jul 27 02:14:07 2022
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Quant Title : SW846 8260
QLast Update : Wed Jul 27 02:13:05 2022
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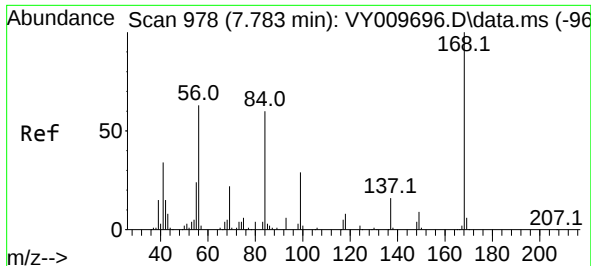
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Wed Jul 27 02:13:05 2022
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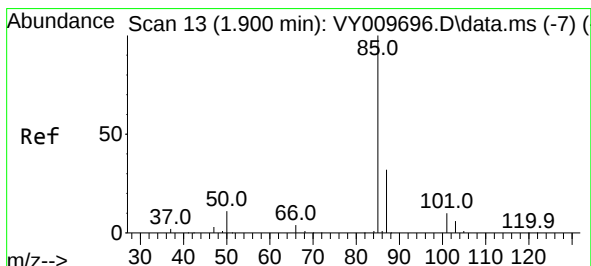
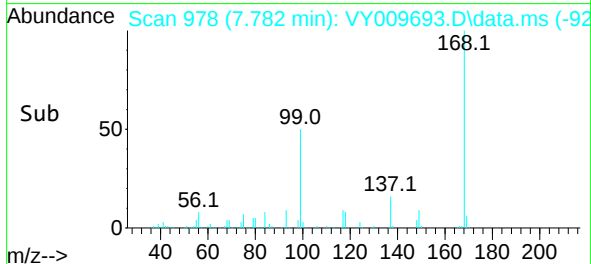
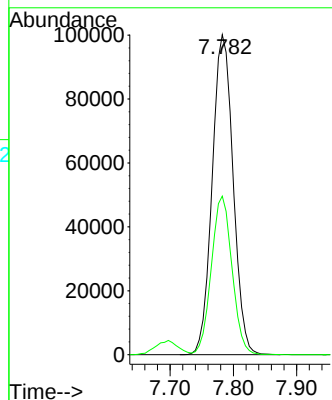
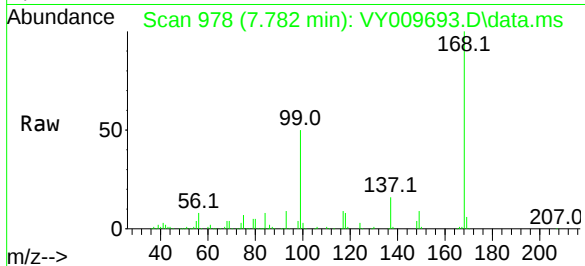




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
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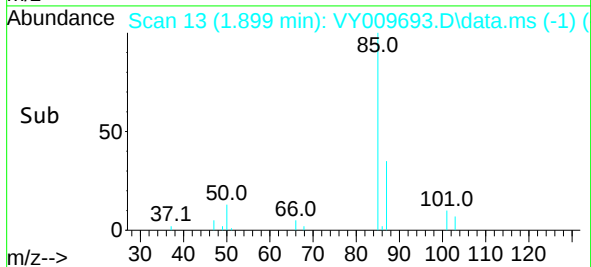
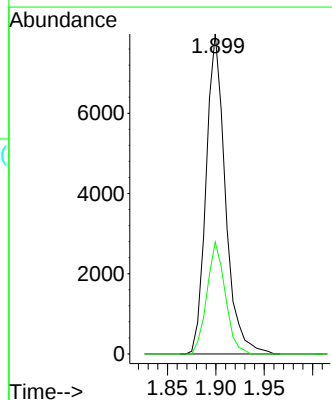
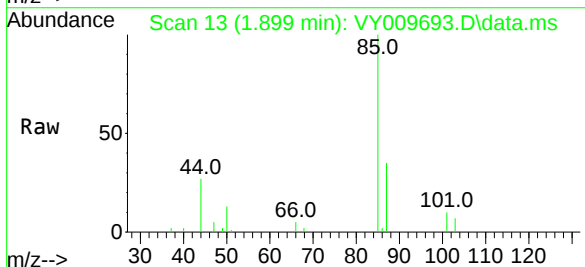
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

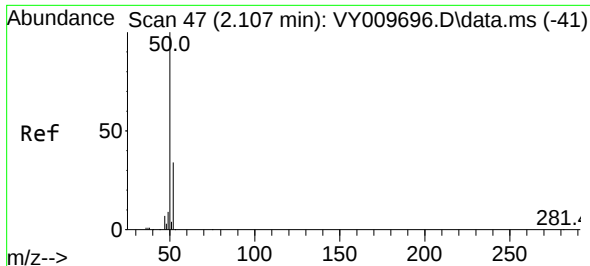
Tgt Ion:168 Resp: 229739
Ion Ratio Lower Upper
168 100
99 49.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 5.516 ug/l
RT: 1.899 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

Tgt Ion: 85 Resp: 11072
Ion Ratio Lower Upper
85 100
87 35.0 16.1 48.2

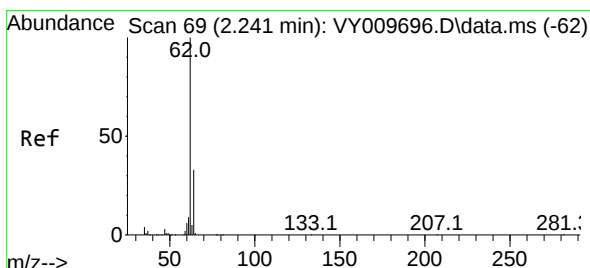
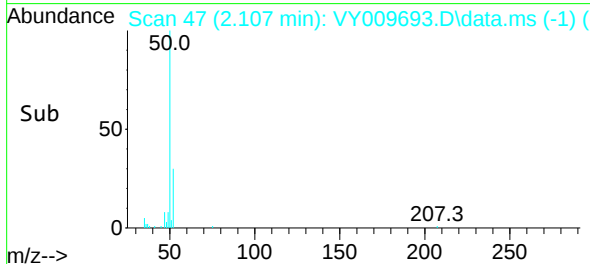
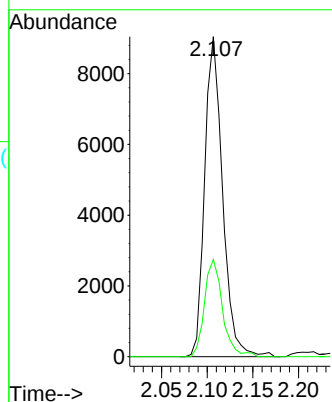
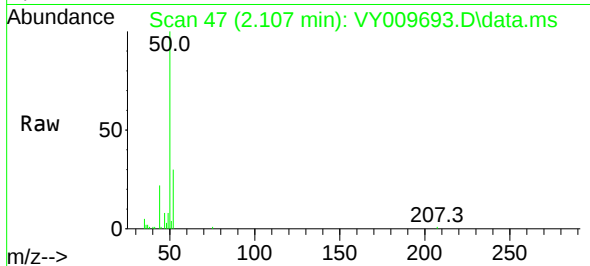




#3
Chloromethane
Concen: 4.855 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

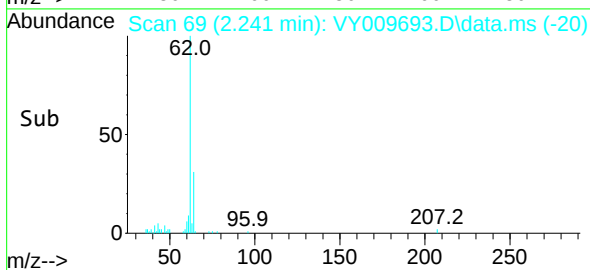
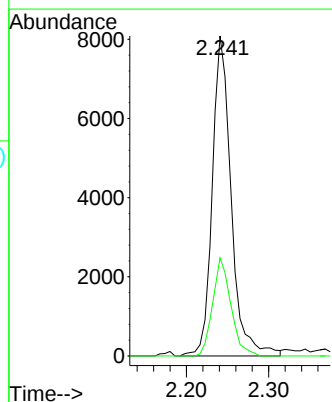
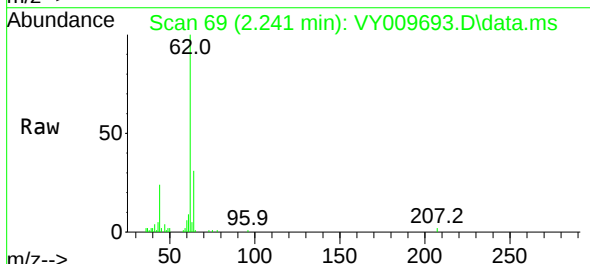
Instrument :
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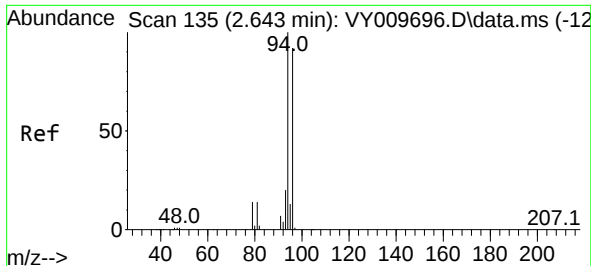
Tgt Ion: 50 Resp: 12282
Ion Ratio Lower Upper
50 100
52 30.4 24.6 37.0



#4
Vinyl Chloride
Concen: 4.625 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

Tgt Ion: 62 Resp: 12921
Ion Ratio Lower Upper
62 100
64 30.6 25.0 37.6

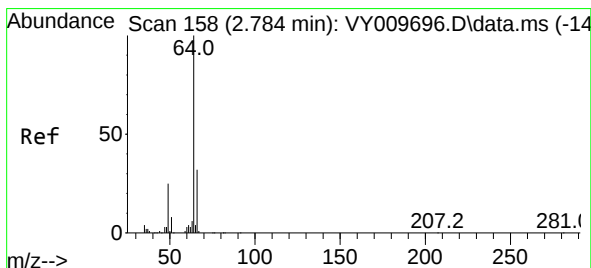
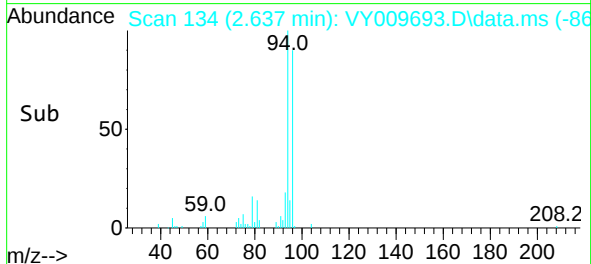
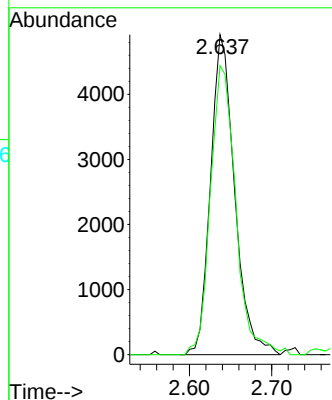
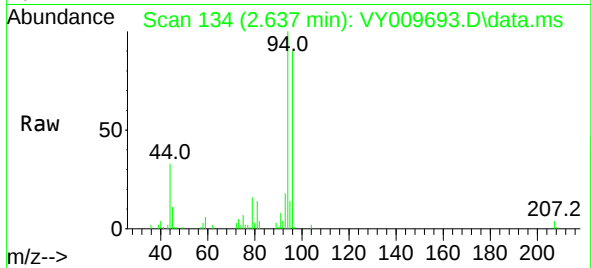




#5
Bromomethane
Concen: 5.201 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

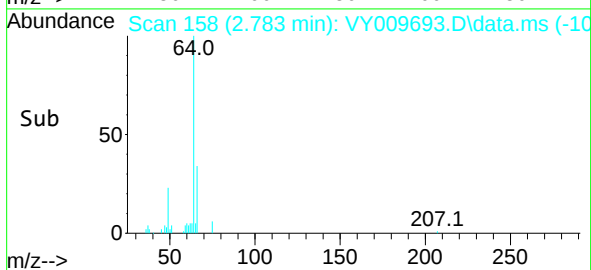
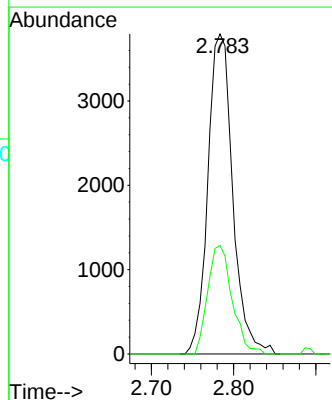
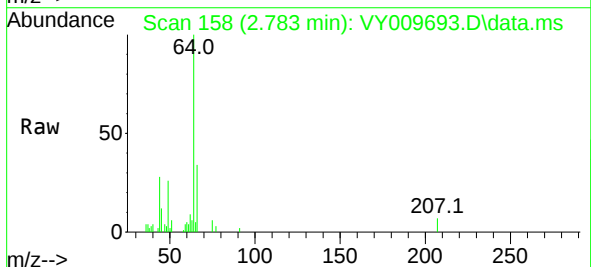
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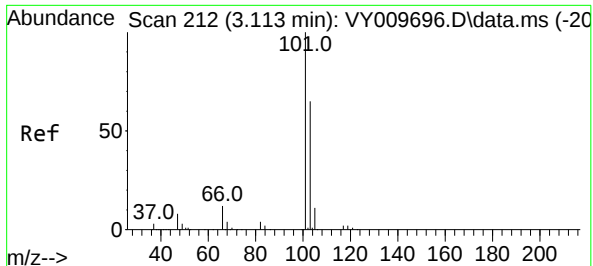
Tgt Ion: 94 Resp: 9985
Ion Ratio Lower Upper
94 100
96 90.3 73.5 110.3



#6
Chloroethane
Concen: 4.755 ug/l
RT: 2.783 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

Tgt Ion: 64 Resp: 7961
Ion Ratio Lower Upper
64 100
66 33.9 25.4 38.0

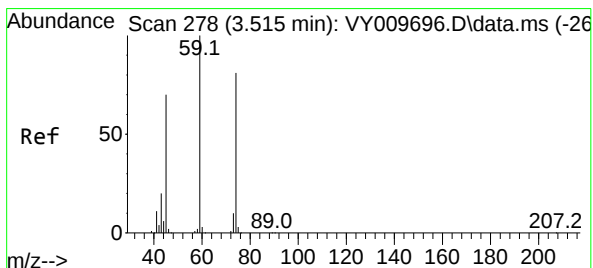
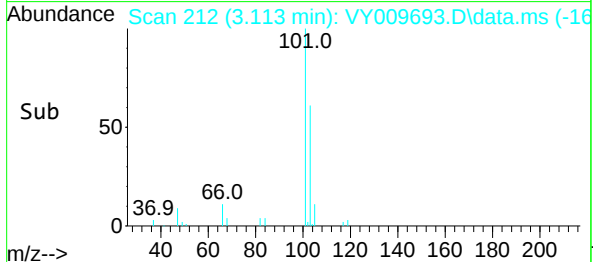
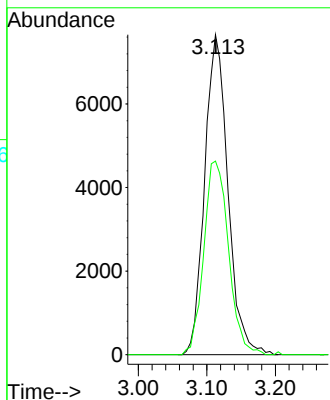
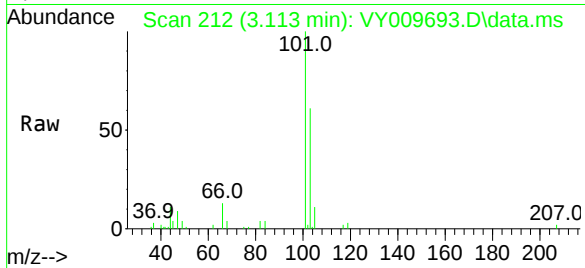




#7
Trichlorofluoromethane
Concen: 4.907 ug/l
RT: 3.113 min Scan# 212
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

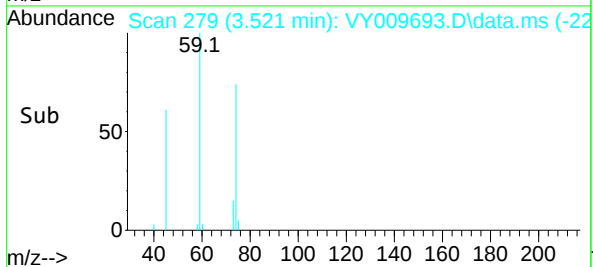
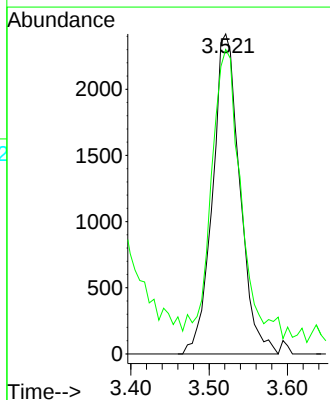
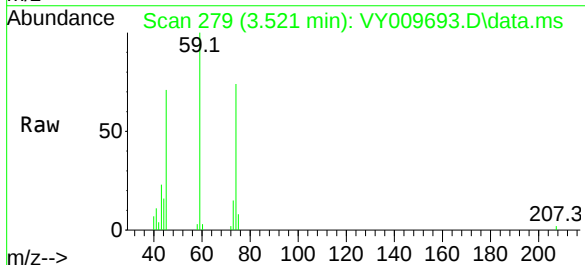
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

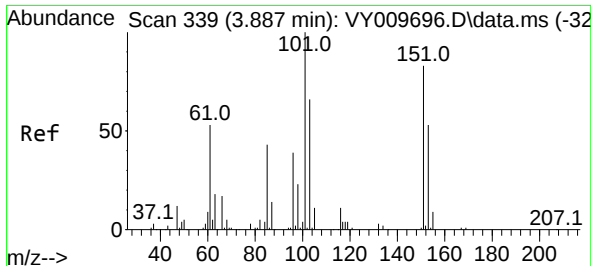
Tgt Ion:101 Resp: 18046
Ion Ratio Lower Upper
101 100
103 60.5 48.0 72.0



#8
Diethyl Ether
Concen: 4.882 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.006 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

Tgt Ion: 74 Resp: 5843
Ion Ratio Lower Upper
74 100
45 88.7 55.1 165.5

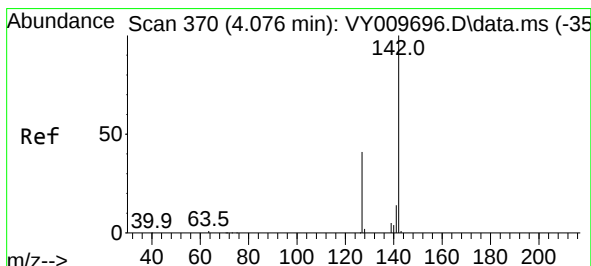
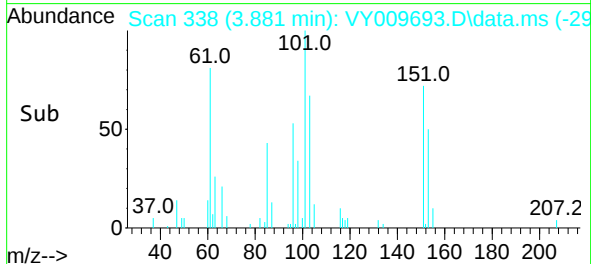
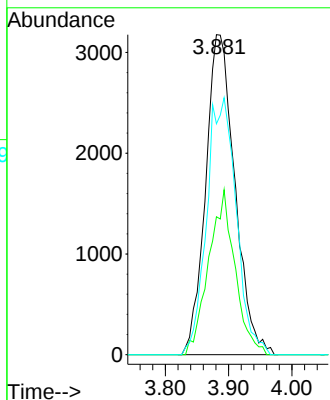
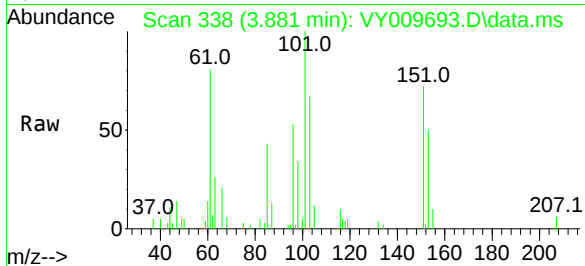




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.904 ug/l
RT: 3.881 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

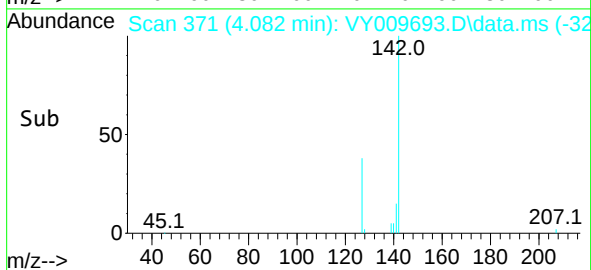
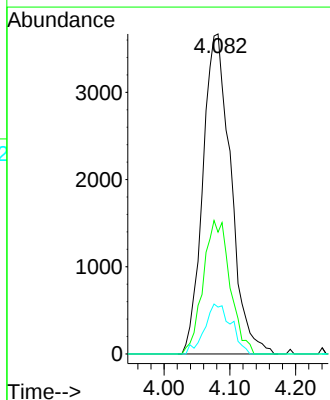
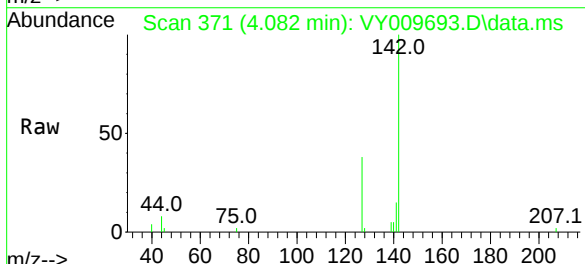
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

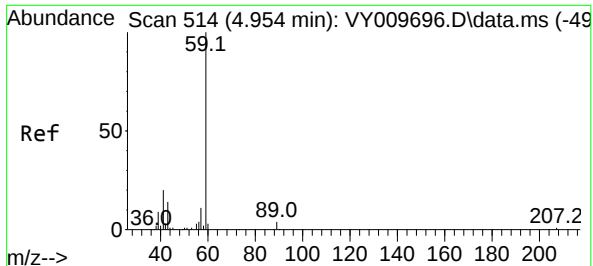
Tgt Ion:101 Resp: 10212
Ion Ratio Lower Upper
101 100
85 46.4 40.6 60.8
151 81.3 64.9 97.3



#10
Methyl Iodide
Concen: 3.951 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.006 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

Tgt Ion:142 Resp: 10848
Ion Ratio Lower Upper
142 100
127 40.2 41.5 62.3#
141 14.8 11.9 17.9





#11

Tert butyl alcohol

Concen: 35.944 ug/l

RT: 4.948 min Scan# 514

Delta R.T. -0.006 min

Lab File: VY009693.D

Acq: 26 Jul 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

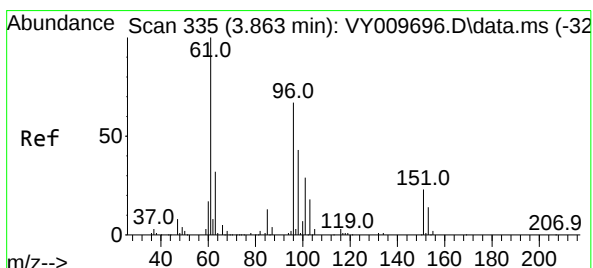
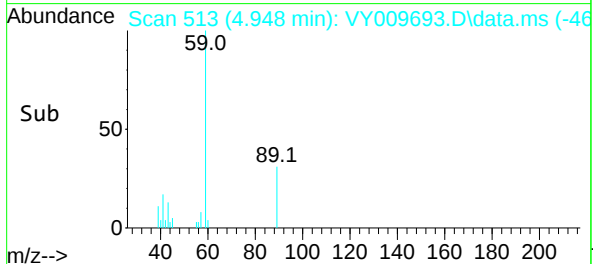
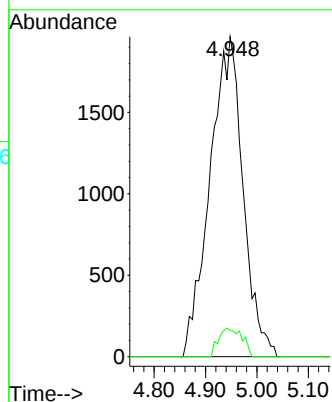
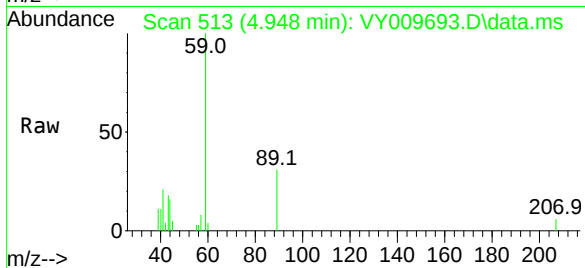
VSTDIC005

Tgt Ion: 59 Resp: 8794

Ion Ratio Lower Upper

59 100

57 6.3 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 4.596 ug/l

RT: 3.862 min Scan# 335

Delta R.T. -0.000 min

Lab File: VY009693.D

Acq: 26 Jul 2022 11:41

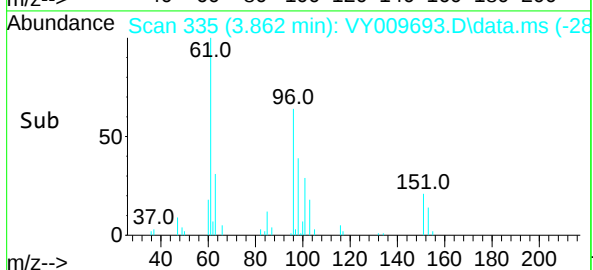
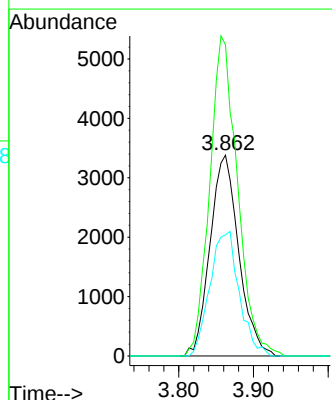
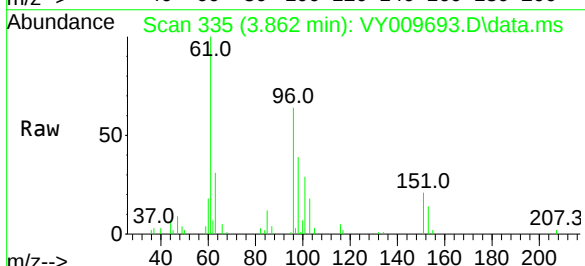
Tgt Ion: 96 Resp: 9009

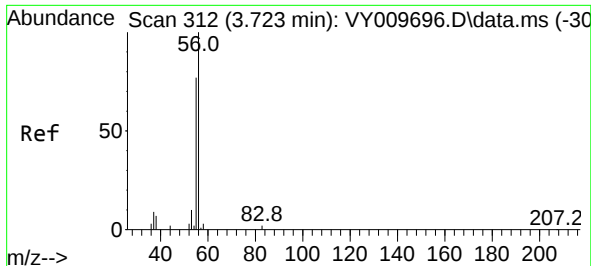
Ion Ratio Lower Upper

96 100

61 155.1 145.8 218.6

98 60.4 52.5 78.7

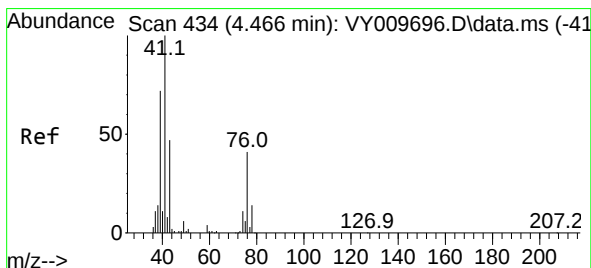
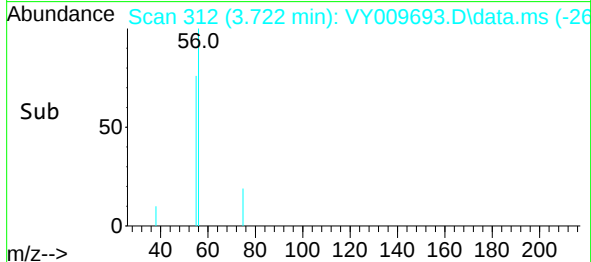
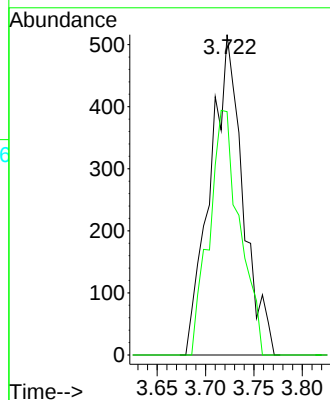
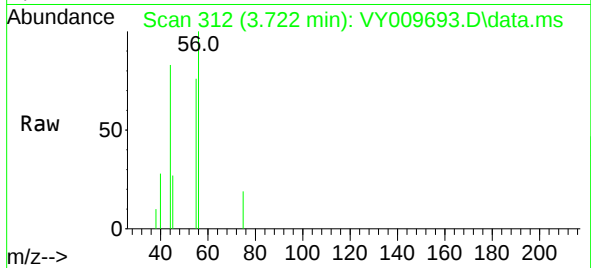




#13
Acrolein
Concen: 30.253 ug/l
RT: 3.722 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

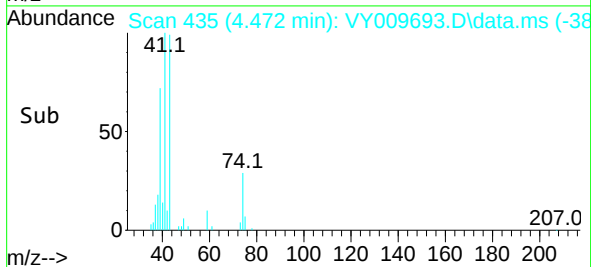
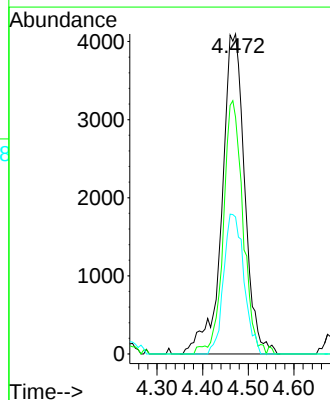
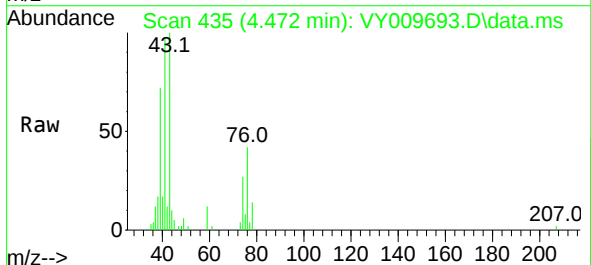
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

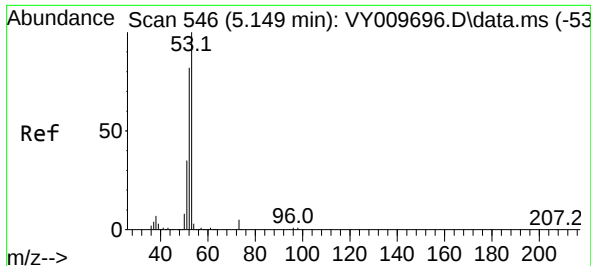
Tgt Ion: 56 Resp: 1217
Ion Ratio Lower Upper
56 100
55 70.9 57.6 86.4



#14
Allyl chloride
Concen: 4.607 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

Tgt Ion: 41 Resp: 14189
Ion Ratio Lower Upper
41 100
39 68.2 58.8 88.2
76 38.8 25.1 37.7#

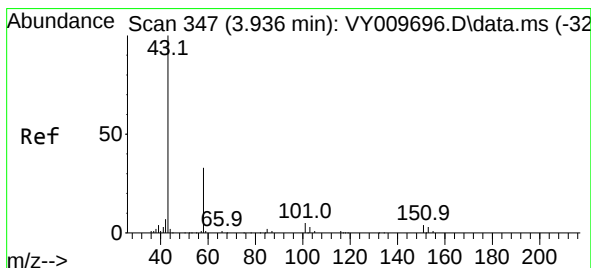
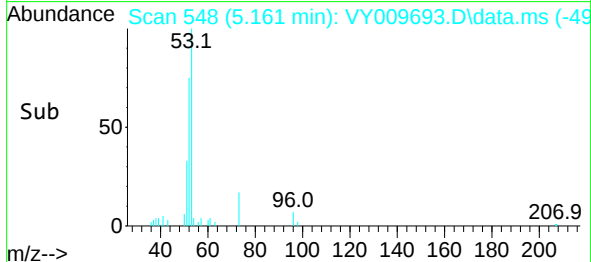
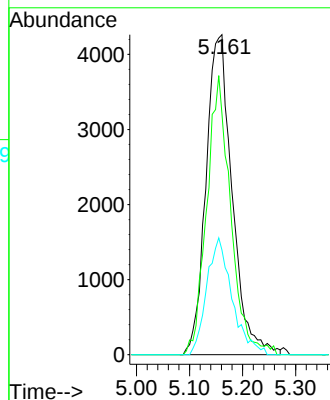
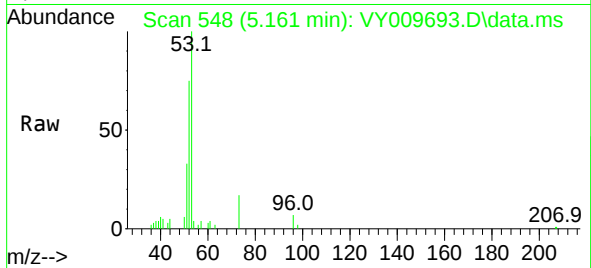




#15
Acrylonitrile
Concen: 25.031 ug/l
RT: 5.161 min Scan# 546
Delta R.T. 0.012 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

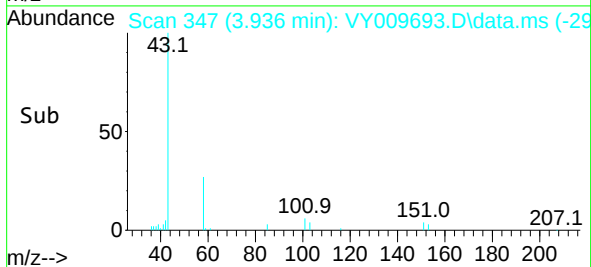
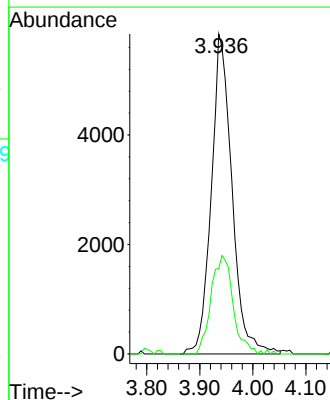
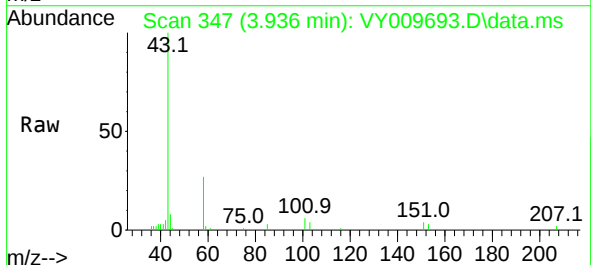
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

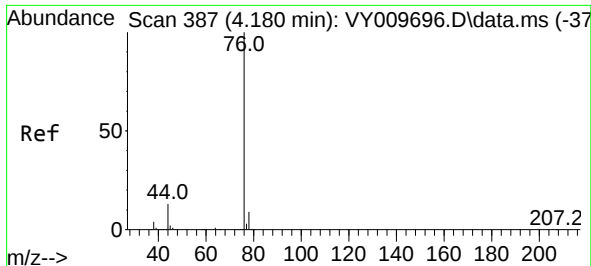
Tgt Ion: 53 Resp: 14629
Ion Ratio Lower Upper
53 100
52 79.8 67.0 100.4
51 35.3 29.8 44.6



#16
Acetone
Concen: 28.762 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

Tgt Ion: 43 Resp: 15852
Ion Ratio Lower Upper
43 100
58 26.7 22.0 33.0

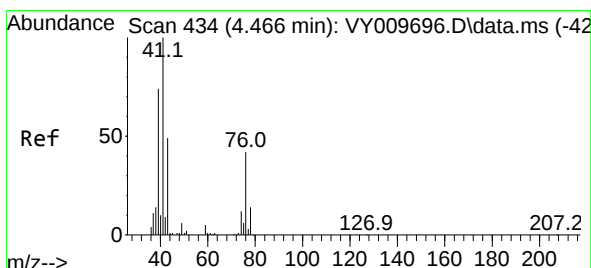
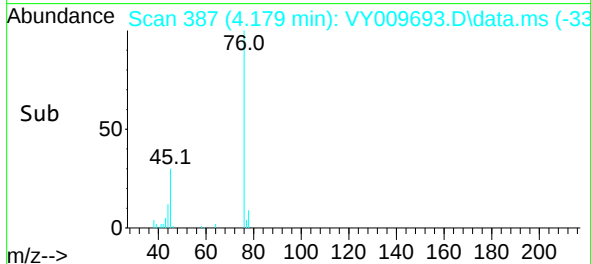
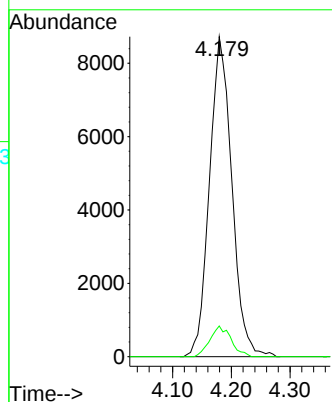
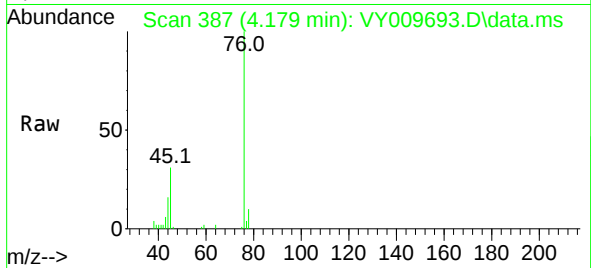




#17
Carbon Disulfide
Concen: 3.831 ug/l
RT: 4.179 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

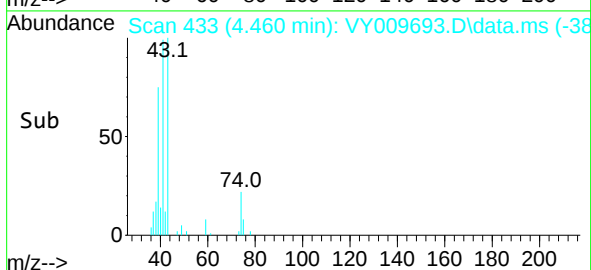
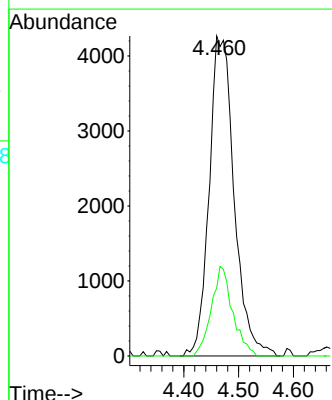
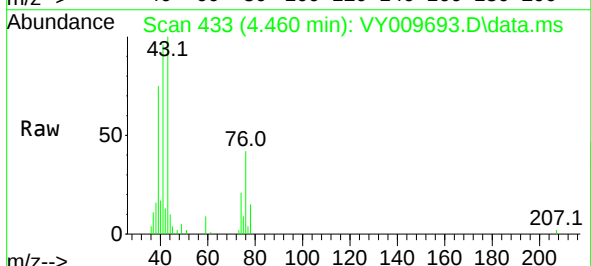
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

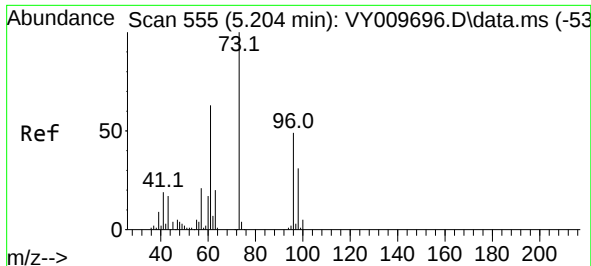
Tgt Ion: 76 Resp: 23091
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 8.333 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

Tgt Ion: 43 Resp: 13471
Ion Ratio Lower Upper
43 100
74 23.8 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 4.745 ug/l

RT: 5.204 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY009693.D

Acq: 26 Jul 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

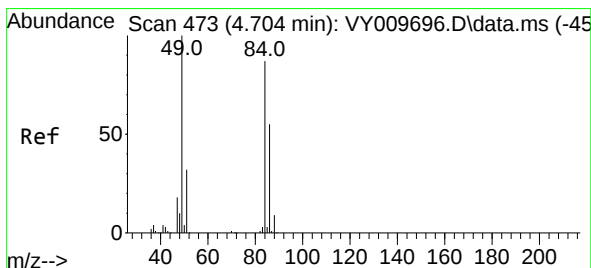
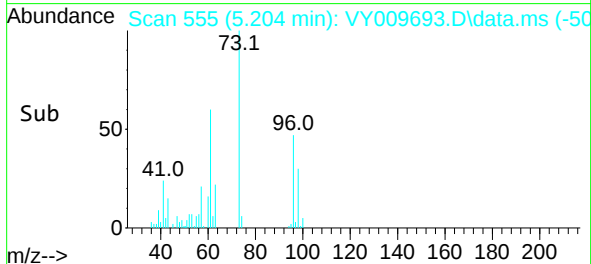
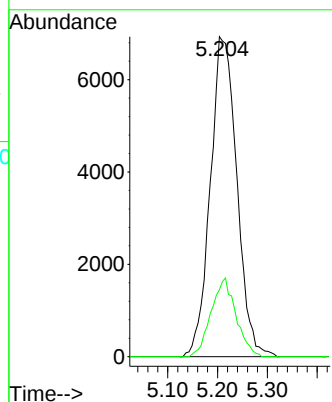
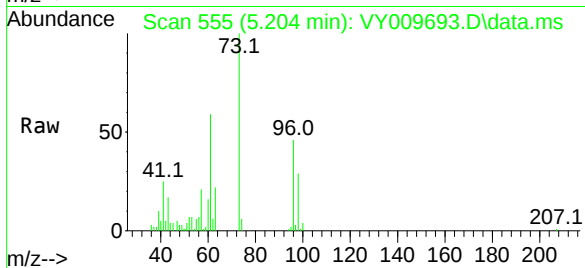
VSTDIC005

Tgt Ion: 73 Resp: 25632

Ion Ratio Lower Upper

73 100

57 20.9 18.6 27.8



#20

Methylene Chloride

Concen: 7.828 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY009693.D

Acq: 26 Jul 2022 11:41

Tgt Ion: 84 Resp: 29219

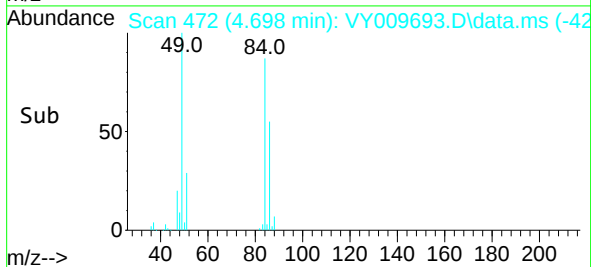
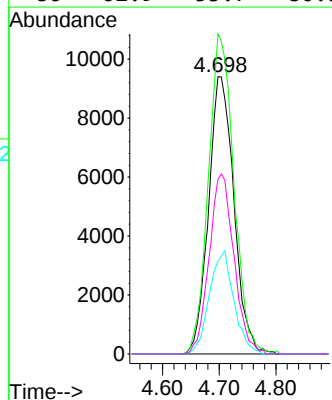
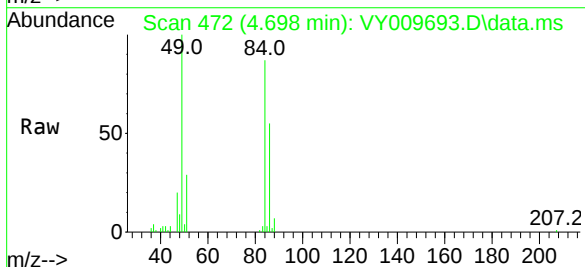
Ion Ratio Lower Upper

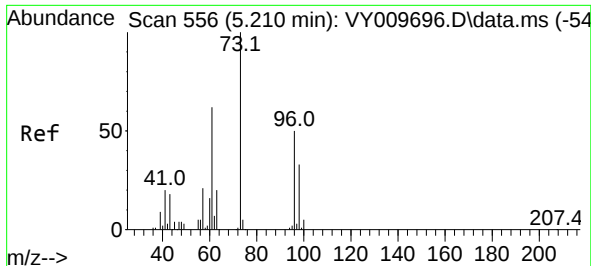
84 100

49 115.4 114.4 171.6

51 33.5 35.3 52.9#

86 62.9 53.7 80.5

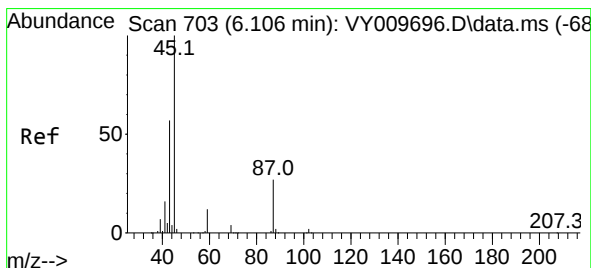
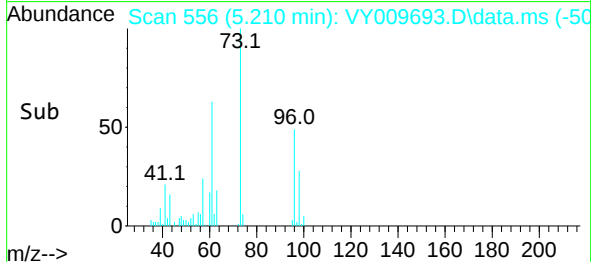
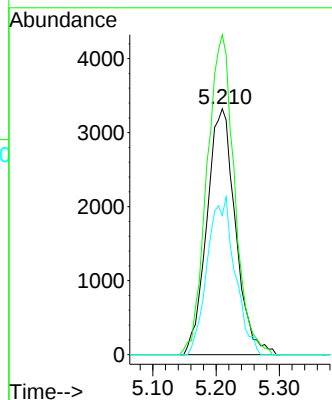
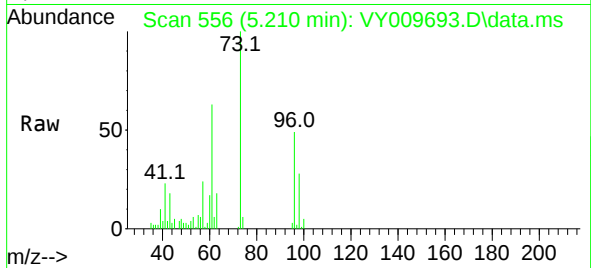




#21
trans-1,2-Dichloroethene
Concen: 4.543 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

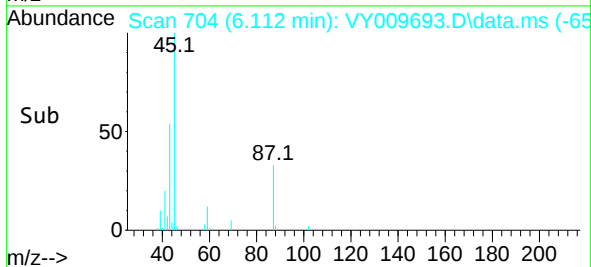
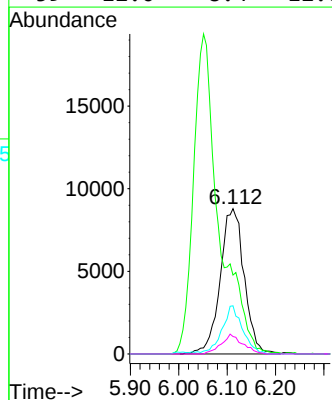
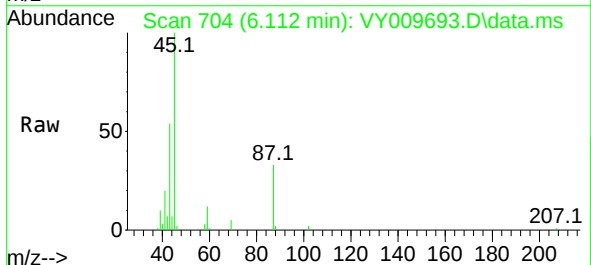
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

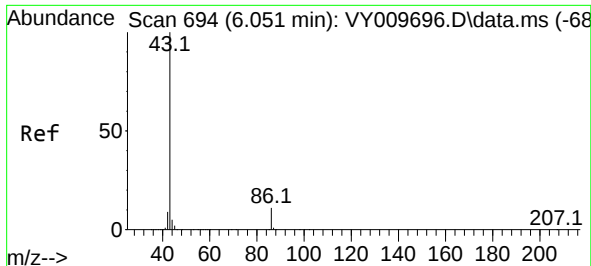
Tgt Ion: 96 Resp: 10417
Ion Ratio Lower Upper
96 100
61 130.1 120.5 180.7
98 56.6 49.8 74.8



#22
Diisopropyl ether
Concen: 4.589 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.006 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

Tgt Ion: 45 Resp: 30301
Ion Ratio Lower Upper
45 100
43 53.6 49.3 73.9
87 33.1 19.2 28.8#
59 12.0 8.4 12.6

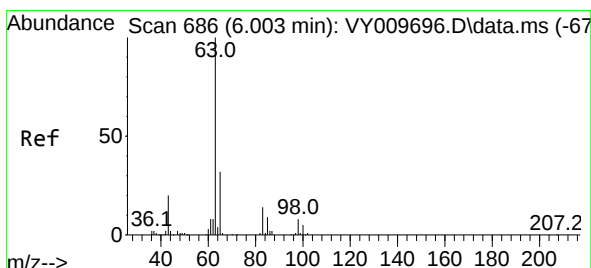
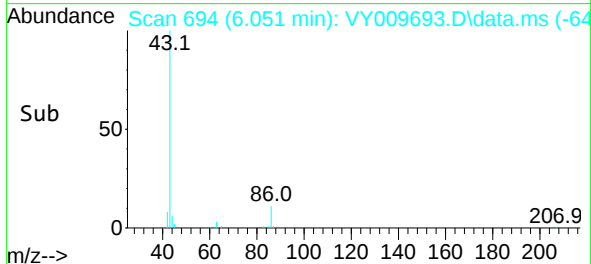
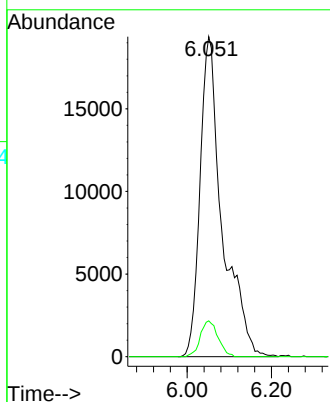
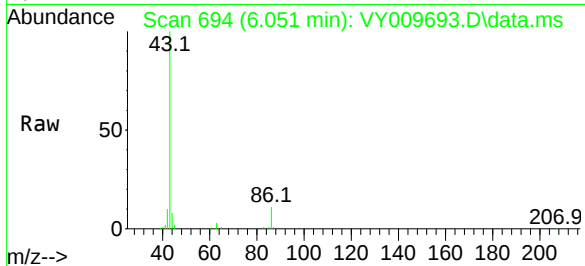




#23
 Vinyl Acetate
 Concen: 17.394 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VY009693.D
 Acq: 26 Jul 2022 11:41

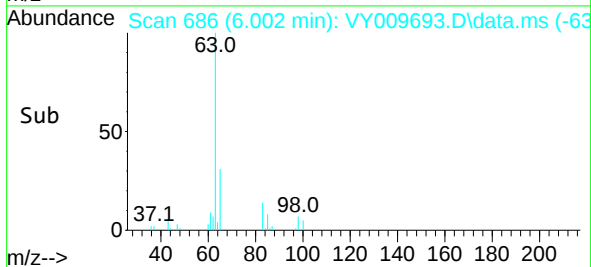
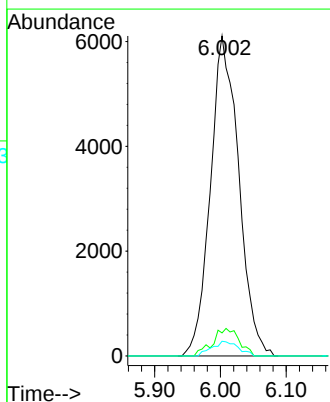
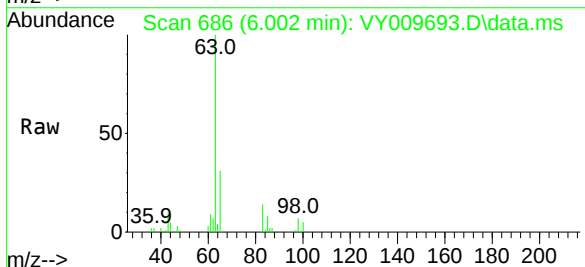
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

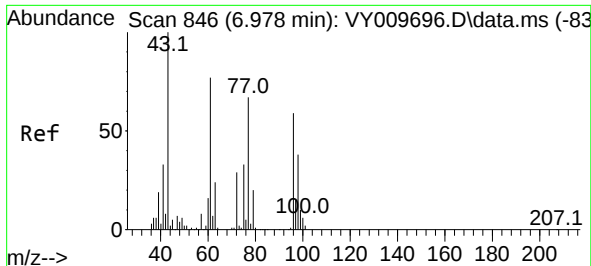
Tgt Ion: 43 Resp: 70920
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 4.812 ug/l
 RT: 6.002 min Scan# 686
 Delta R.T. -0.000 min
 Lab File: VY009693.D
 Acq: 26 Jul 2022 11:41

Tgt Ion: 63 Resp: 18319
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.6 2.0 5.8

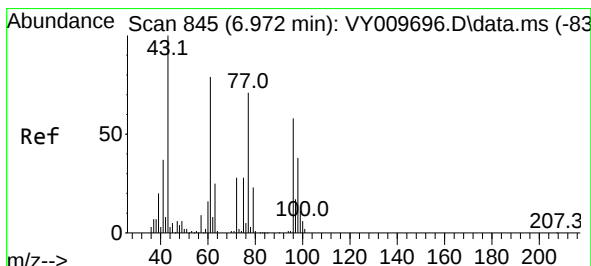
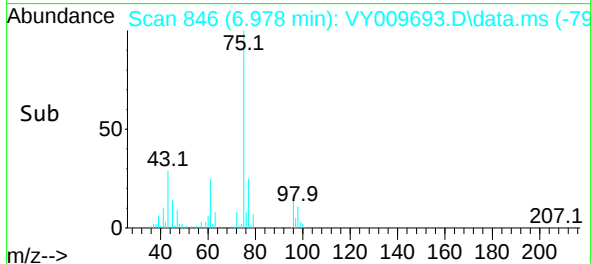
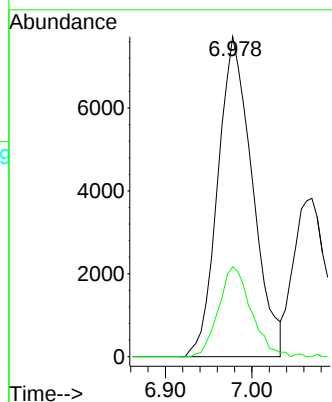
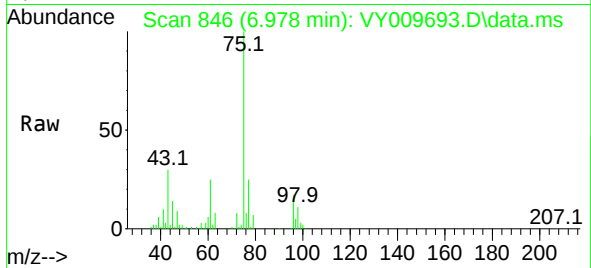




#25
2-Butanone
Concen: 26.269 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

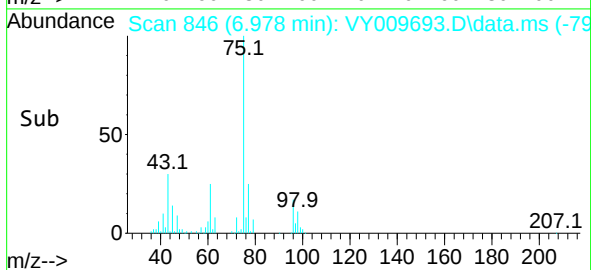
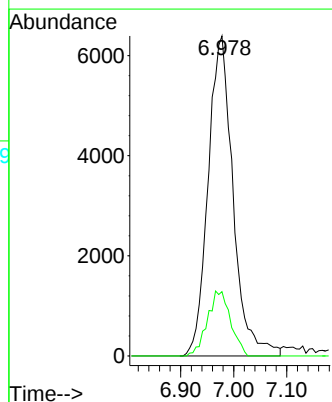
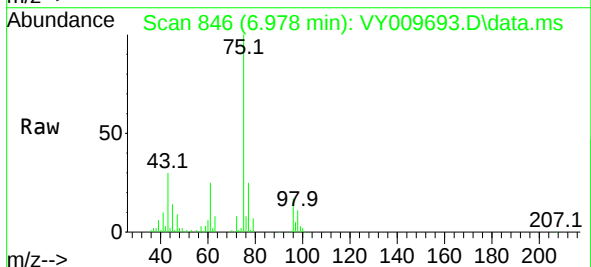
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

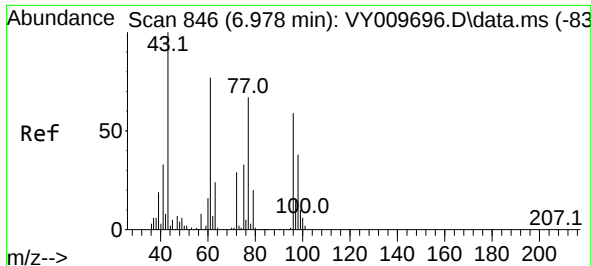
Tgt Ion: 43 Resp: 21415
Ion Ratio Lower Upper
43 100
72 28.1 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 5.772 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

Tgt Ion: 77 Resp: 20896
Ion Ratio Lower Upper
77 100
97 18.8 10.4 31.4

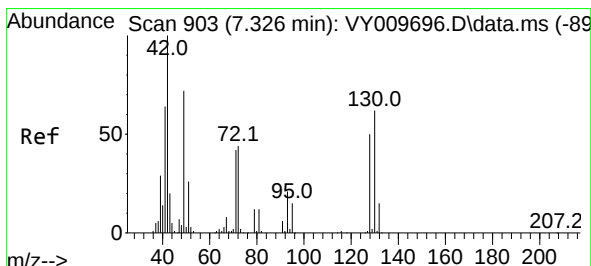
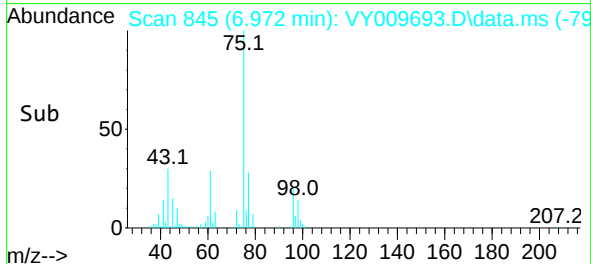
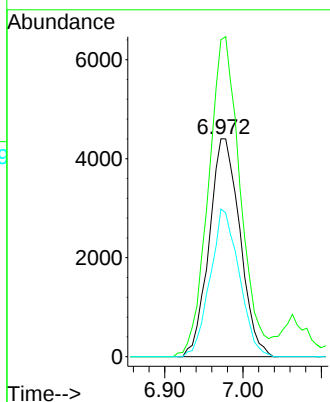
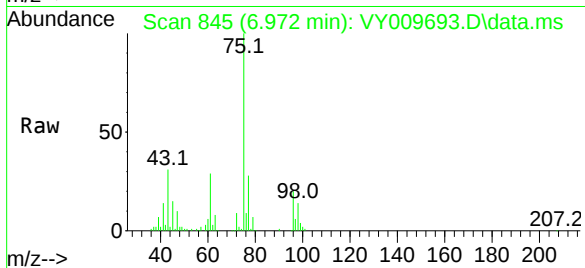




#27
 cis-1,2-Dichloroethene
 Concen: 4.697 ug/l
 RT: 6.972 min Scan# 846
 Delta R.T. -0.006 min
 Lab File: VY009693.D
 Acq: 26 Jul 2022 11:41

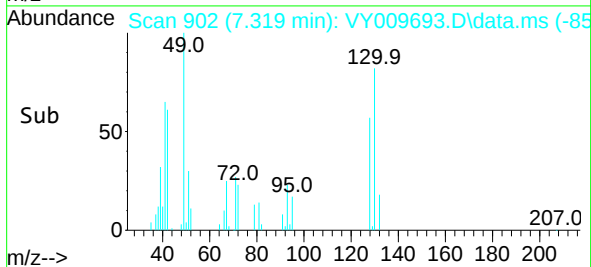
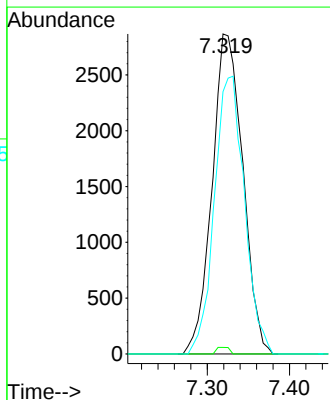
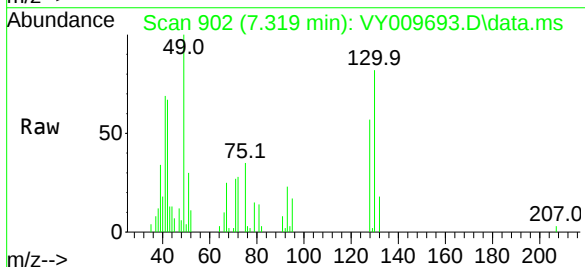
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

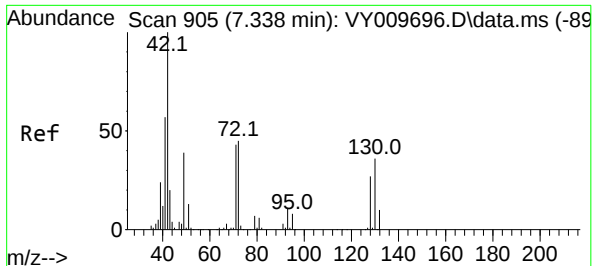
Tgt Ion: 96 Resp: 12006
 Ion Ratio Lower Upper
 96 100
 61 151.5 0.0 319.8
 98 64.0 0.0 127.0



#28
 Bromochloromethane
 Concen: 5.389 ug/l
 RT: 7.319 min Scan# 902
 Delta R.T. -0.006 min
 Lab File: VY009693.D
 Acq: 26 Jul 2022 11:41

Tgt Ion: 49 Resp: 7457
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 2.2
 130 84.7 55.4 83.0#

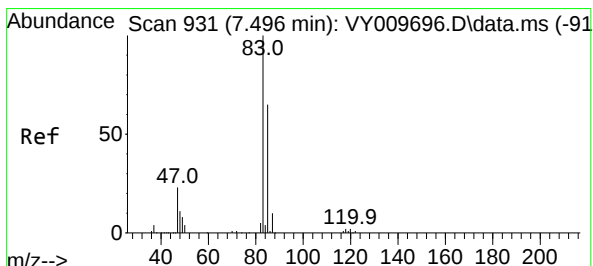
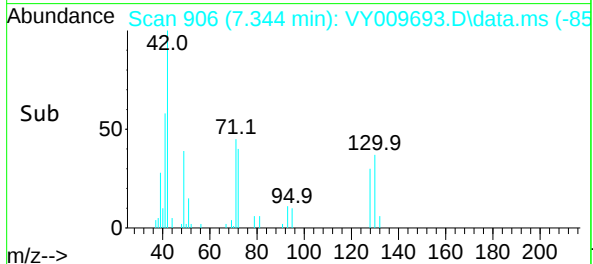
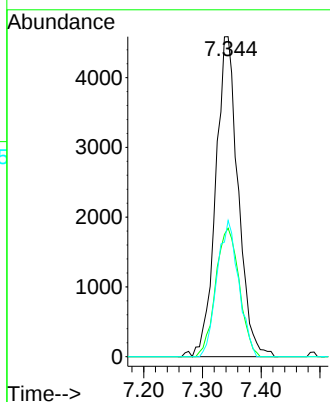
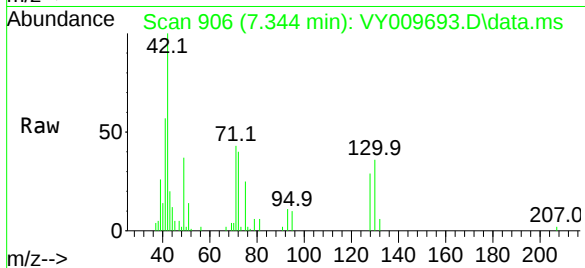




#29
Tetrahydrofuran
Concen: 23.591 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

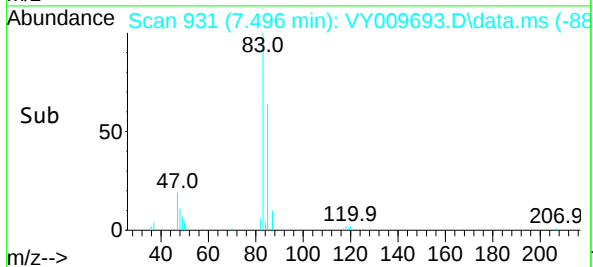
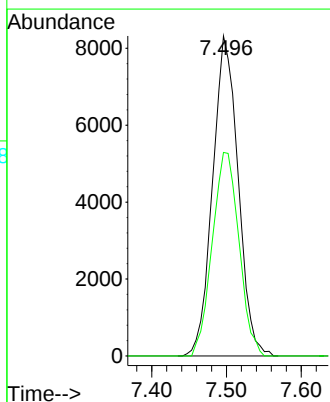
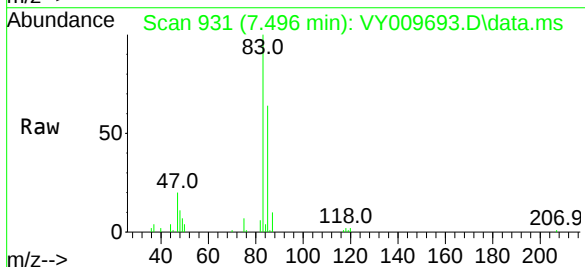
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

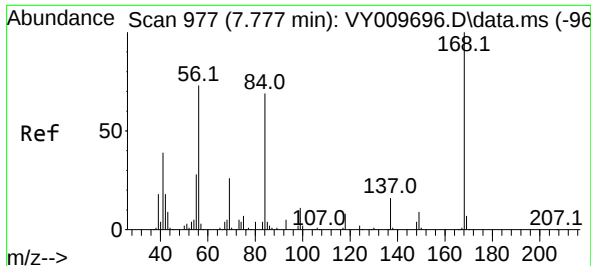
Tgt Ion: 42 Resp: 12204
Ion Ratio Lower Upper
42 100
72 42.2 30.3 45.5
71 40.8 29.0 43.4



#30
Chloroform
Concen: 4.961 ug/l
RT: 7.496 min Scan# 931
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

Tgt Ion: 83 Resp: 19728
Ion Ratio Lower Upper
83 100
85 63.6 51.8 77.6

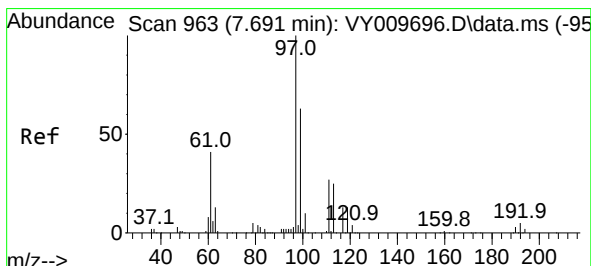
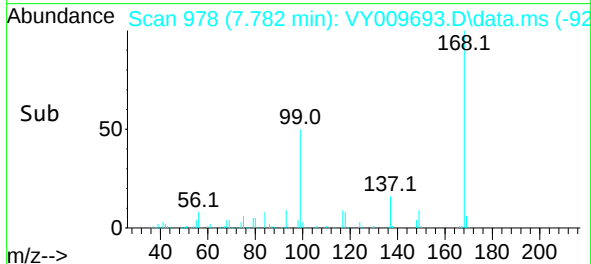
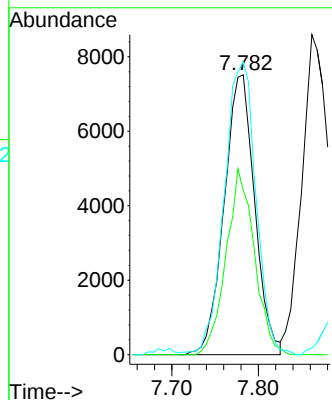
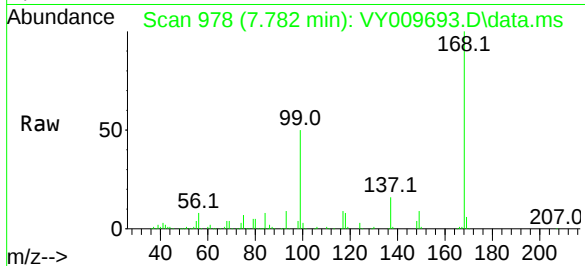




#31
Cyclohexane
Concen: 5.050 ug/l
RT: 7.782 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

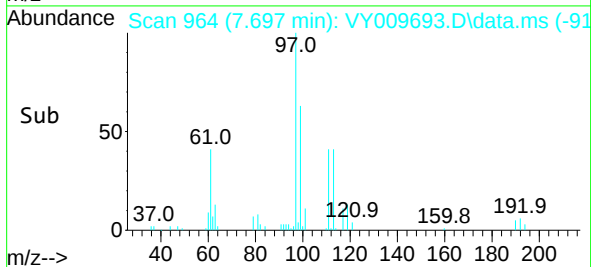
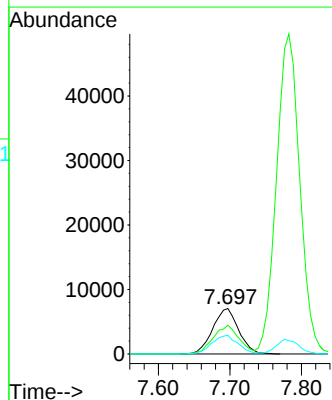
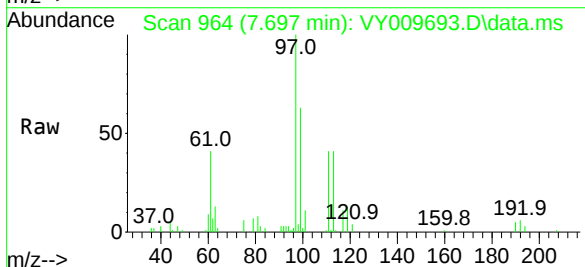
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

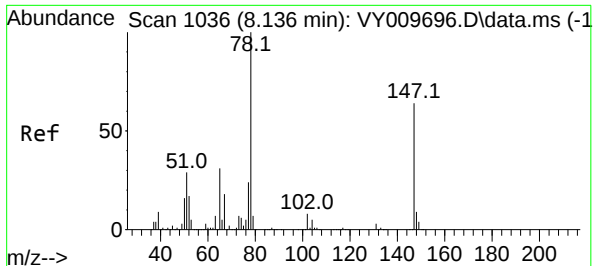
Tgt Ion: 56 Resp: 18398
Ion Ratio Lower Upper
56 100
69 58.7 26.7 40.1#
84 103.8 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 4.928 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.006 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

Tgt Ion: 97 Resp: 17673
Ion Ratio Lower Upper
97 100
99 62.9 50.7 76.1
61 42.0 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 5.637 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009693.D

Acq: 26 Jul 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

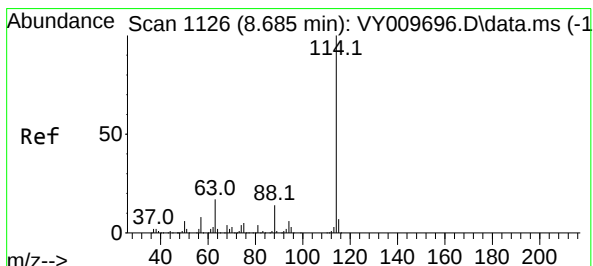
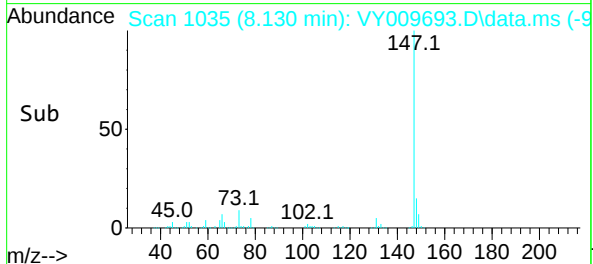
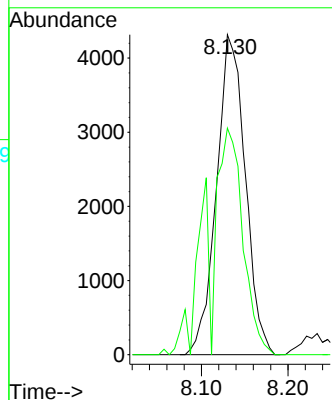
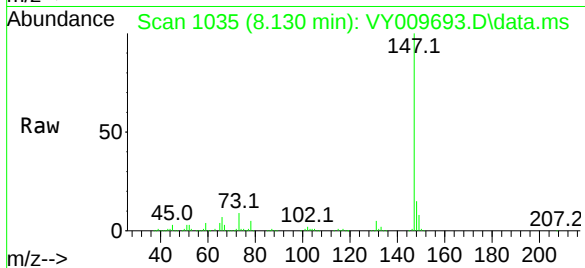
VSTDIC005

Tgt Ion: 65 Resp: 9952

Ion Ratio Lower Upper

65 100

67 62.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009693.D

Acq: 26 Jul 2022 11:41

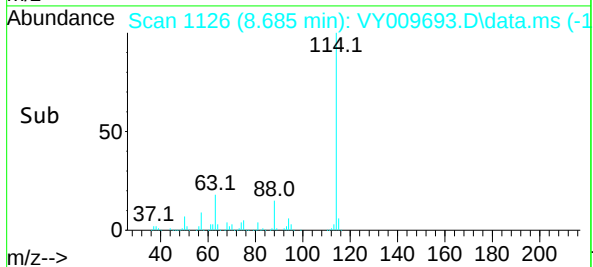
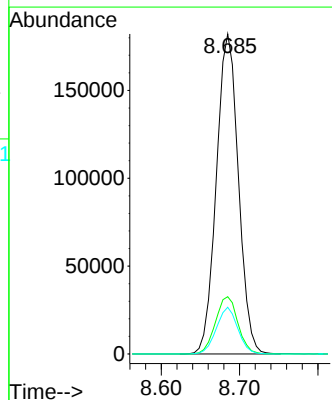
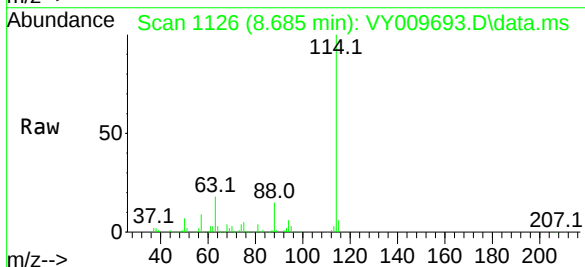
Tgt Ion: 114 Resp: 356469

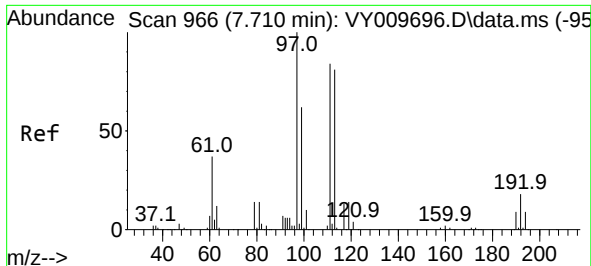
Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 14.6 0.0 31.8

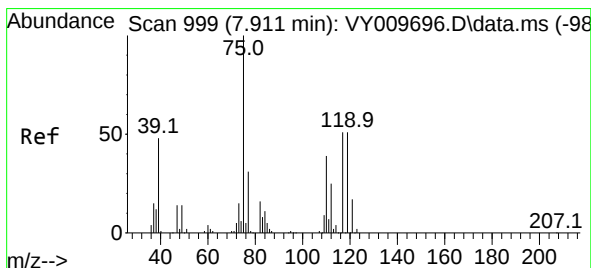
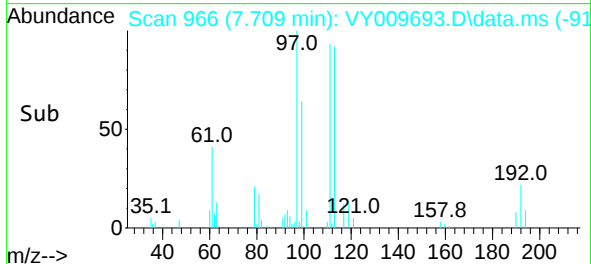
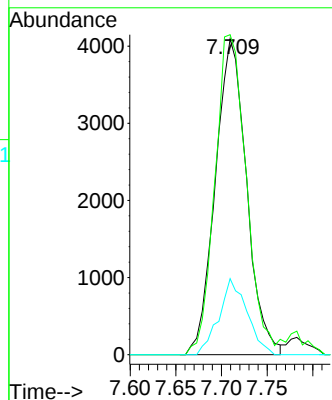
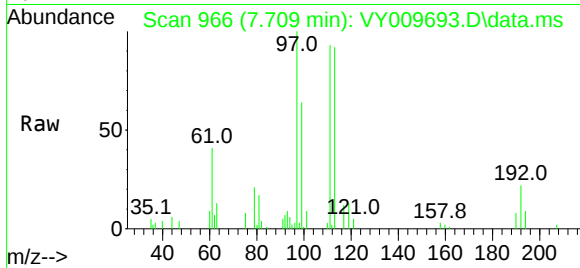




#35
Dibromofluoromethane
Concen: 5.020 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

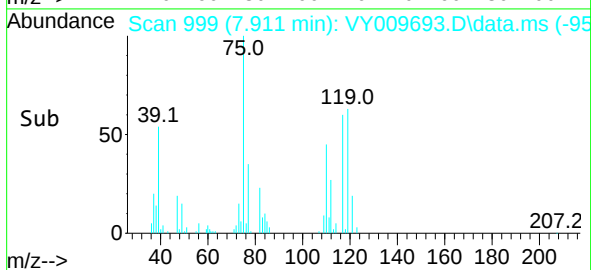
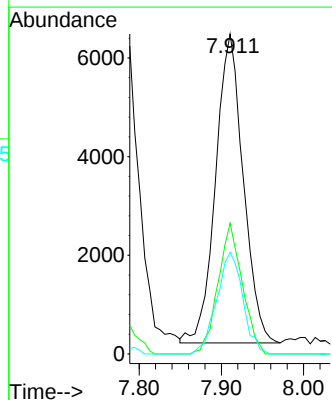
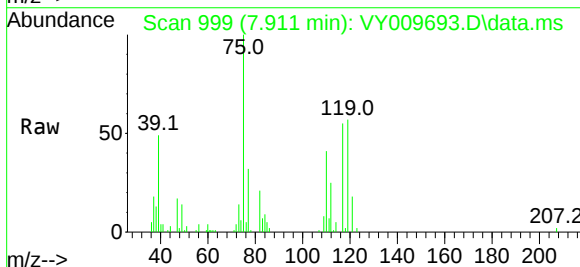
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

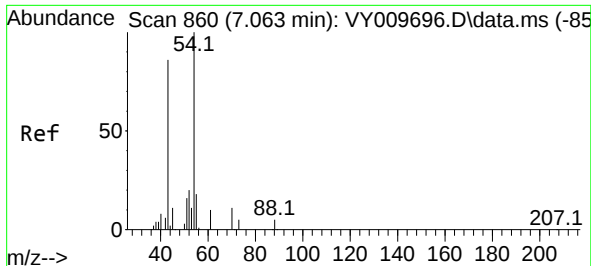
Tgt Ion:113 Resp: 9754
Ion Ratio Lower Upper
113 100
111 101.1 82.6 124.0
192 21.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.588 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

Tgt Ion: 75 Resp: 14638
Ion Ratio Lower Upper
75 100
110 37.1 17.1 51.2
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 5.400 ug/l

RT: 7.069 min Scan# 860

Delta R.T. 0.006 min

Lab File: VY009693.D

Acq: 26 Jul 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

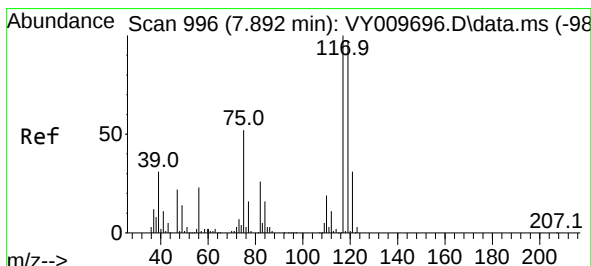
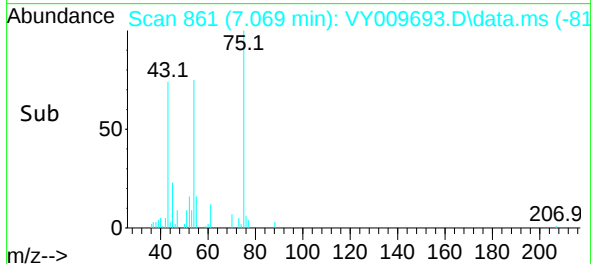
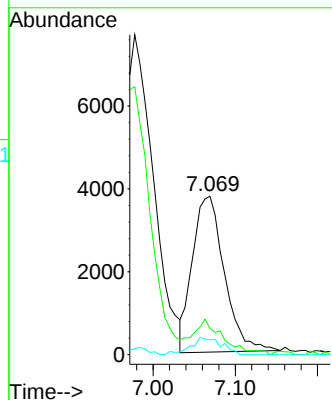
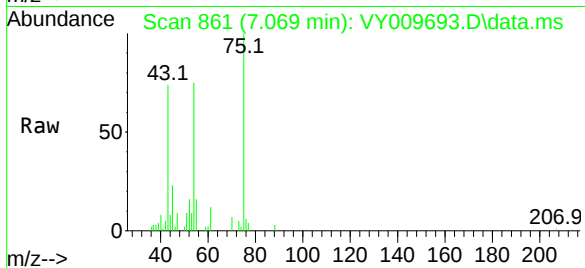
Tgt Ion: 43 Resp: 10133

Ion Ratio Lower Upper

43 100

61 20.6 9.7 14.5#

70 10.7 7.1 10.7



#38

Carbon Tetrachloride

Concen: 4.642 ug/l

RT: 7.892 min Scan# 996

Delta R.T. -0.000 min

Lab File: VY009693.D

Acq: 26 Jul 2022 11:41

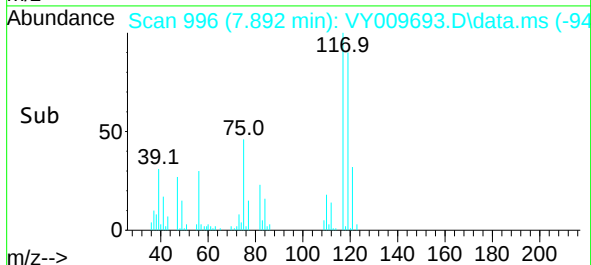
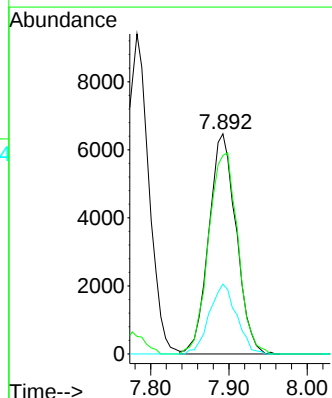
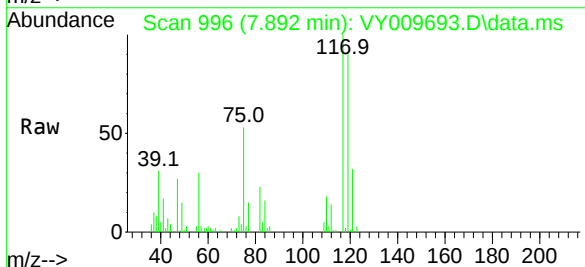
Tgt Ion: 117 Resp: 15687

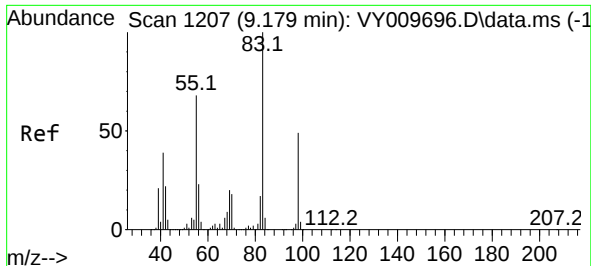
Ion Ratio Lower Upper

117 100

119 90.1 77.9 116.9

121 31.7 24.8 37.2





#39

Methylcyclohexane

Concen: 4.058 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009693.D

Acq: 26 Jul 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

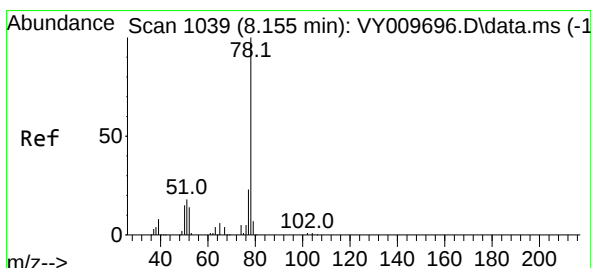
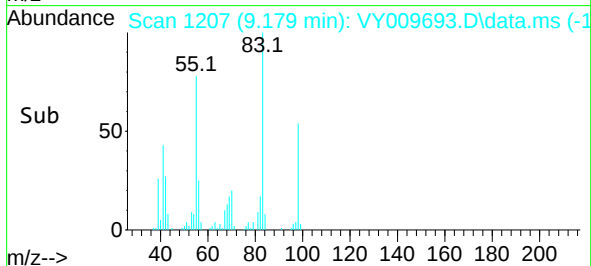
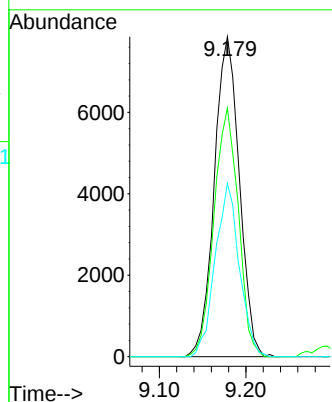
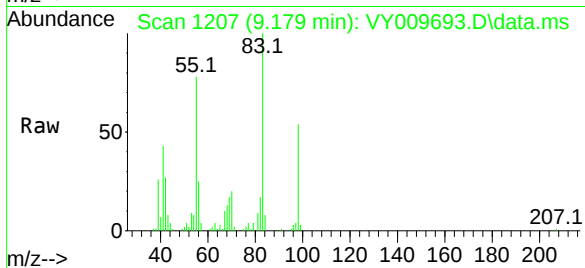
Tgt Ion: 83 Resp: 15773

Ion Ratio Lower Upper

83 100

55 77.7 66.5 99.7

98 54.2 37.9 56.9



#40

Benzene

Concen: 4.668 ug/l

RT: 8.154 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009693.D

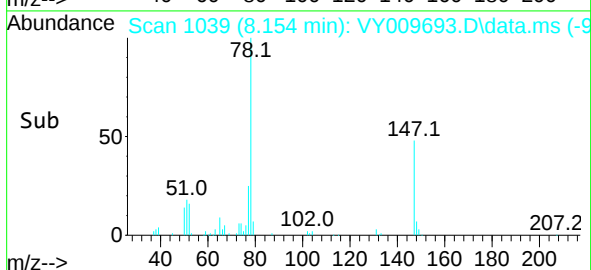
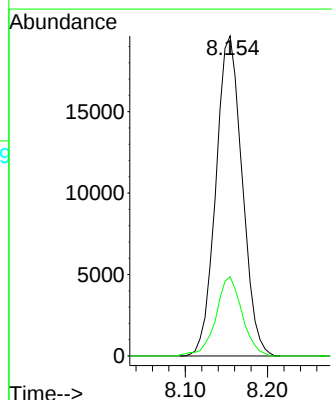
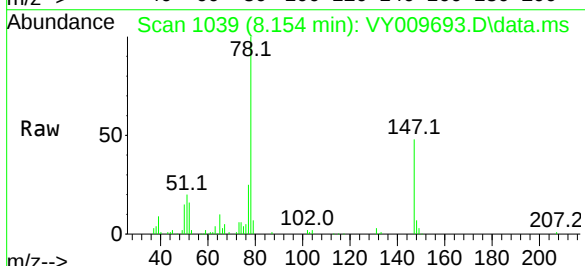
Acq: 26 Jul 2022 11:41

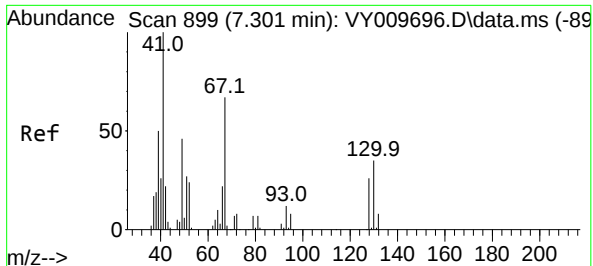
Tgt Ion: 78 Resp: 43678

Ion Ratio Lower Upper

78 100

77 24.7 20.4 30.6

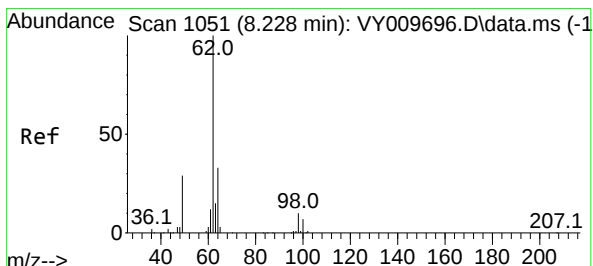
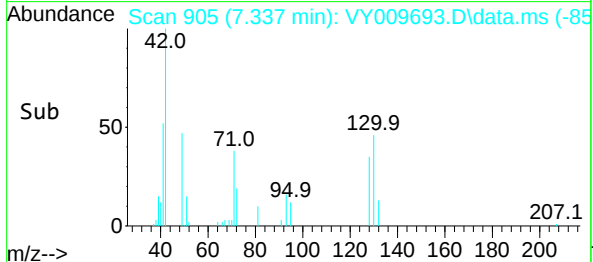
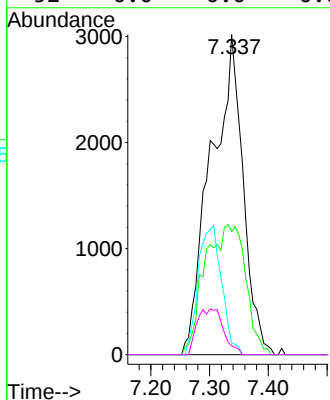
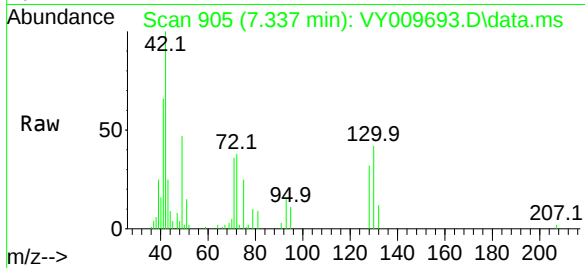




#41
Methacrylonitrile
Concen: 11.878 ug/l
RT: 7.337 min Scan# 905
Delta R.T. 0.036 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

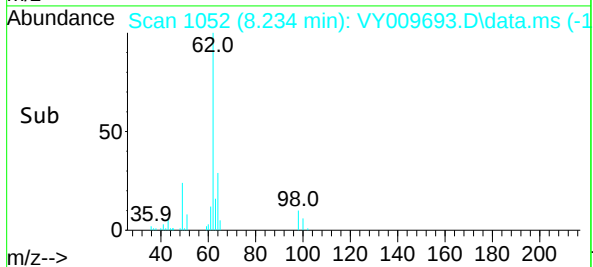
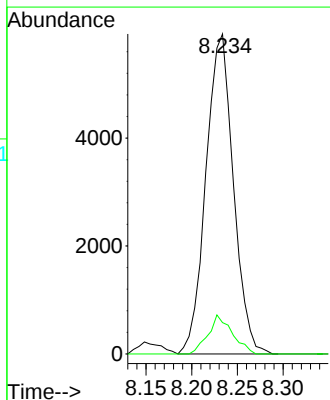
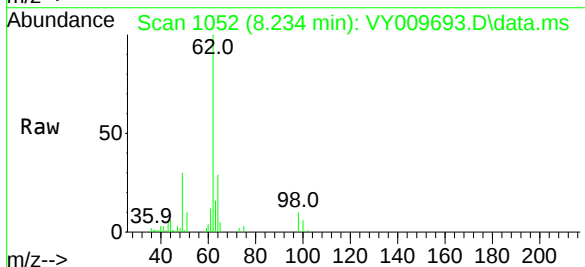
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

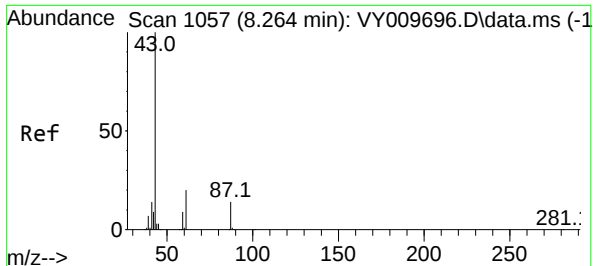
Tgt Ion: 41 Resp: 11440
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 4.754 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

Tgt Ion: 62 Resp: 12383
Ion Ratio Lower Upper
62 100
98 10.7 0.0 14.8





#43

Isopropyl Acetate

Concen: 4.692 ug/l

RT: 8.270 min Scan# 11058

Delta R.T. 0.006 min

Lab File: VY009693.D

Acq: 26 Jul 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

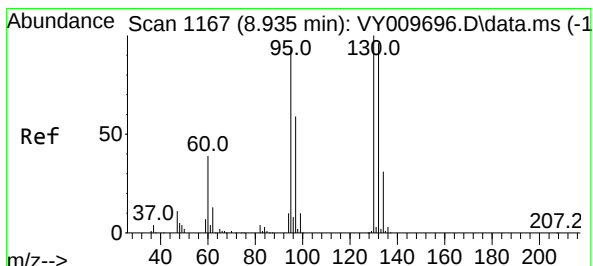
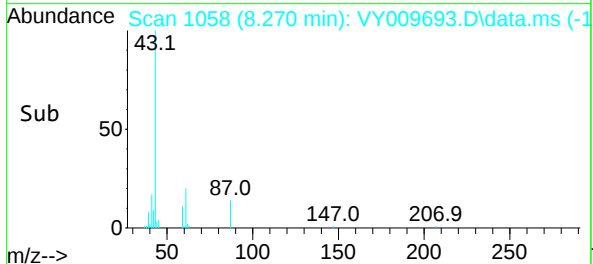
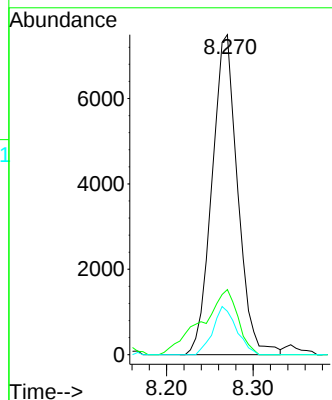
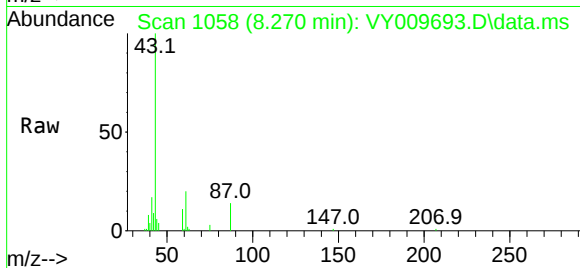
Tgt Ion: 43 Resp: 15448

Ion Ratio Lower Upper

43 100

61 28.7 20.2 30.2

87 13.7 8.9 13.3#



#44

Trichloroethene

Concen: 4.659 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VY009693.D

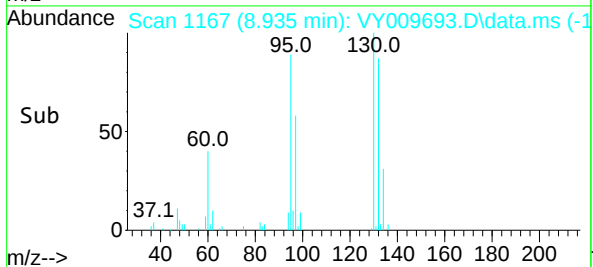
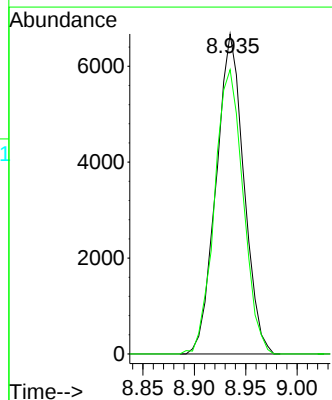
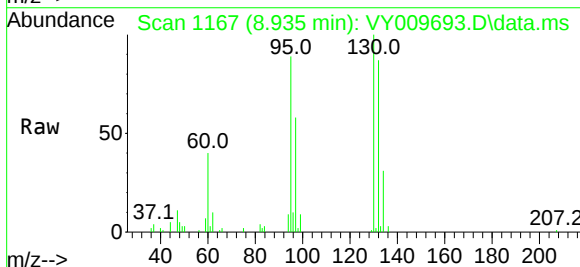
Acq: 26 Jul 2022 11:41

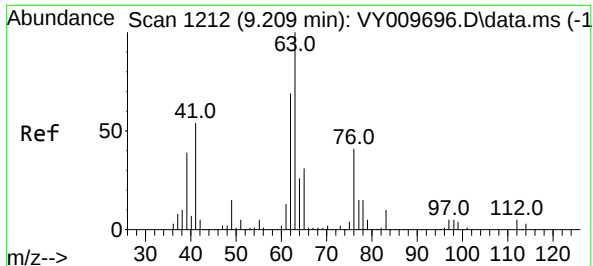
Tgt Ion:130 Resp: 12484

Ion Ratio Lower Upper

130 100

95 88.9 0.0 188.2





#45

1,2-Dichloropropane

Concen: 4.841 ug/l

RT: 9.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009693.D

Acq: 26 Jul 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

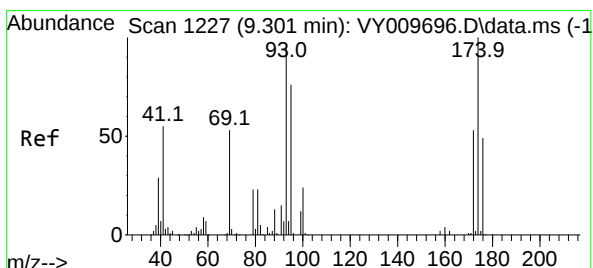
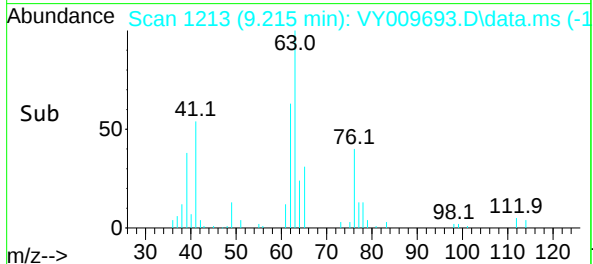
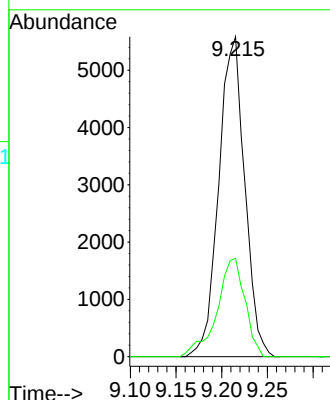
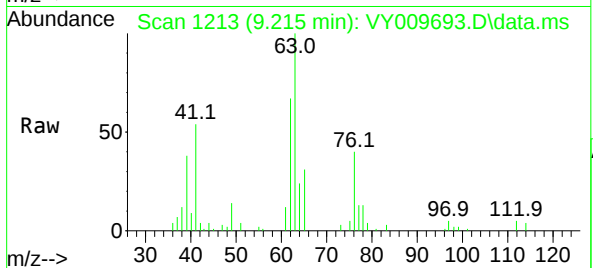
VSTDICC005

Tgt Ion: 63 Resp: 11020

Ion Ratio Lower Upper

63 100

65 30.8 23.0 34.6



#46

Dibromomethane

Concen: 4.795 ug/l

RT: 9.300 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009693.D

Acq: 26 Jul 2022 11:41

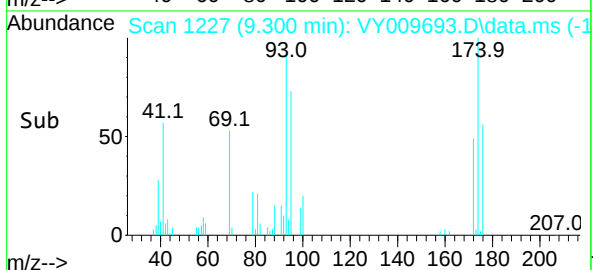
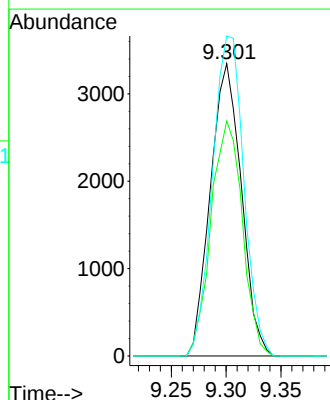
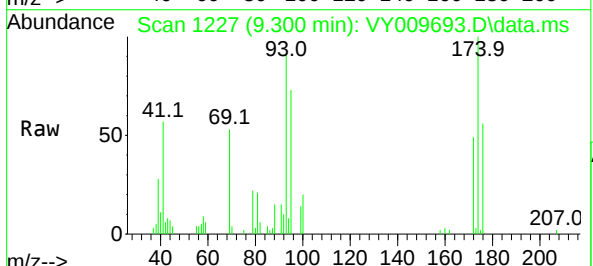
Tgt Ion: 93 Resp: 6567

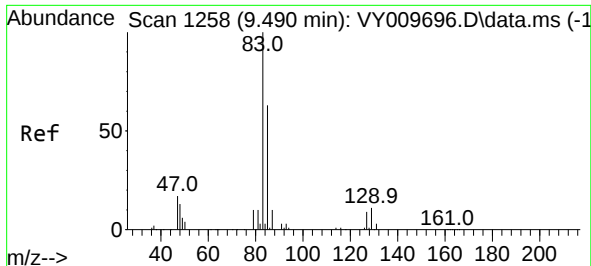
Ion Ratio Lower Upper

93 100

95 81.1 64.3 96.5

174 110.7 83.4 125.0

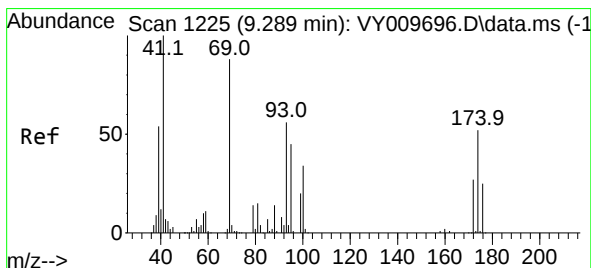
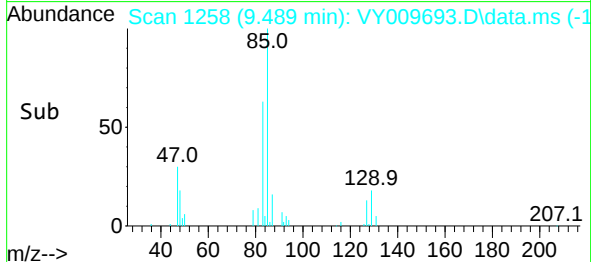
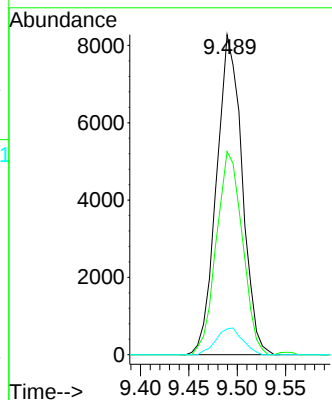
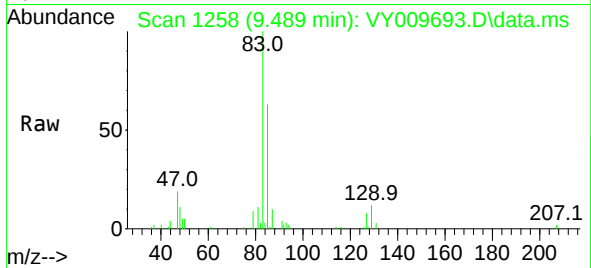




#47
Bromodichloromethane
Concen: 4.867 ug/l
RT: 9.489 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

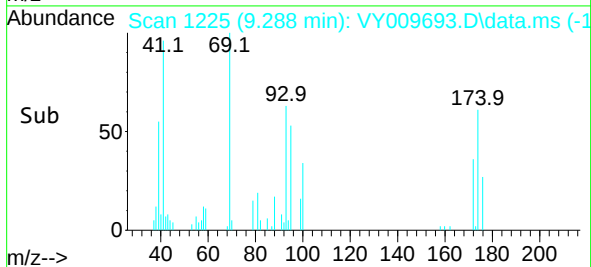
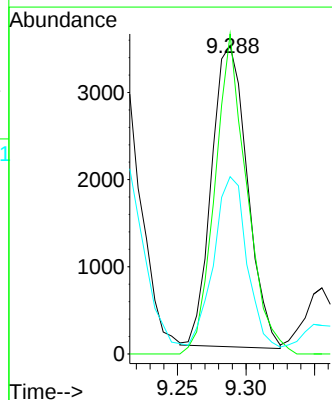
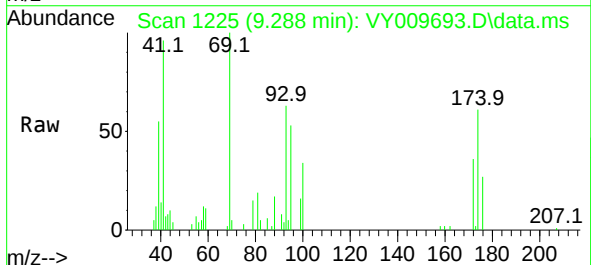
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

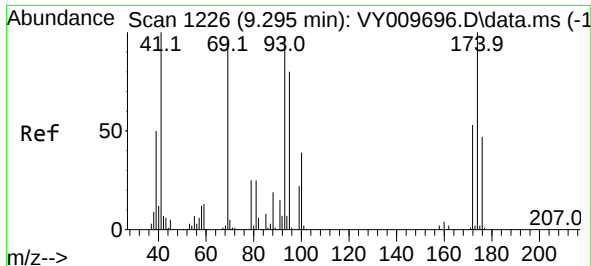
Tgt Ion: 83 Resp: 15203
Ion Ratio Lower Upper
83 100
85 63.5 51.9 77.9
127 8.1 6.6 10.0



#48
Methyl methacrylate
Concen: 4.340 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

Tgt Ion: 41 Resp: 6282
Ion Ratio Lower Upper
41 100
69 94.4 58.2 87.2#
39 56.9 47.4 71.0





#49

1,4-Dioxane

Concen: 84.264 ug/l

RT: 9.288 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009693.D

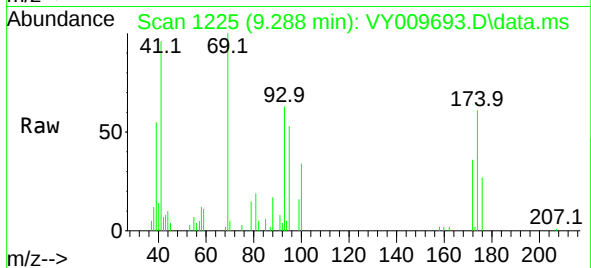
Acq: 26 Jul 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005



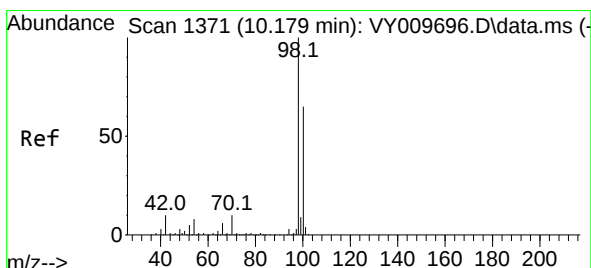
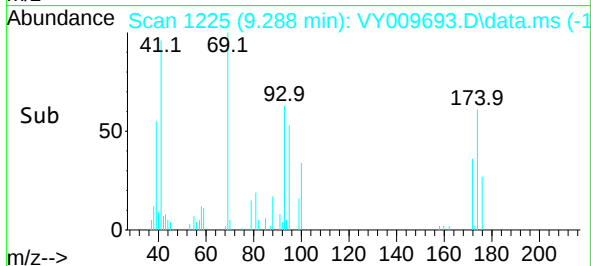
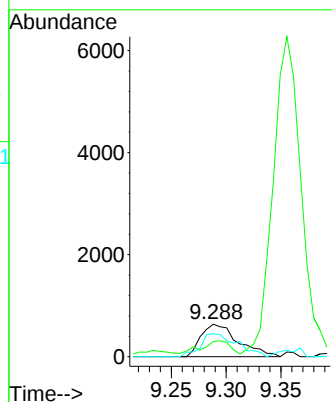
Tgt Ion: 88 Resp: 1500

Ion Ratio Lower Upper

88 100

43 30.8 32.8 49.2#

58 69.8 59.8 89.6



#50

Toluene-d8

Concen: 5.147 ug/l

RT: 10.172 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY009693.D

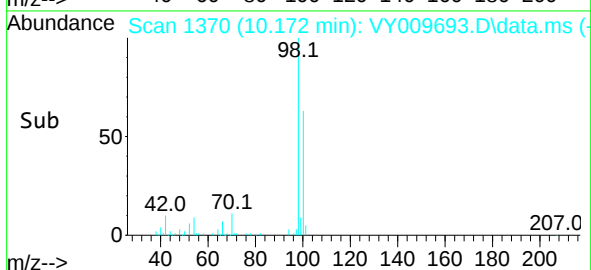
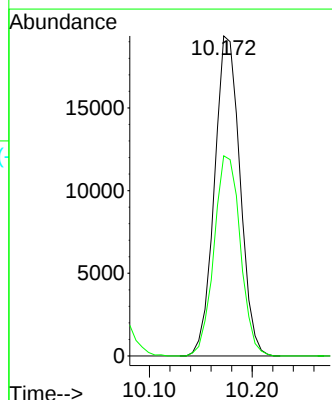
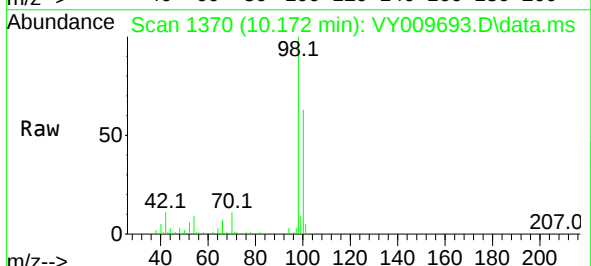
Acq: 26 Jul 2022 11:41

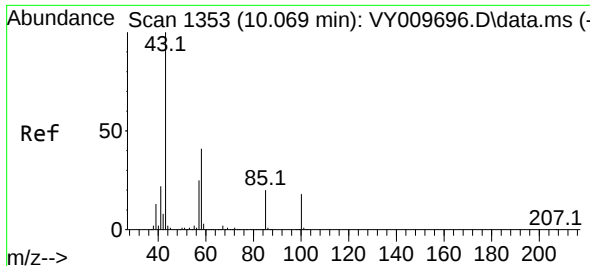
Tgt Ion: 98 Resp: 33367

Ion Ratio Lower Upper

98 100

100 64.6 50.2 75.2

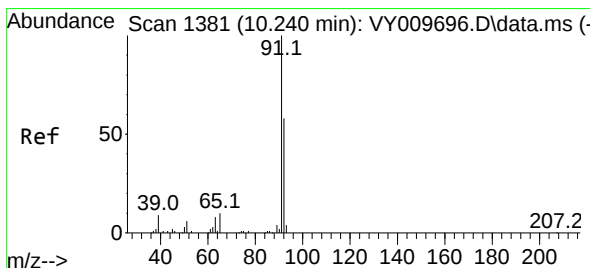
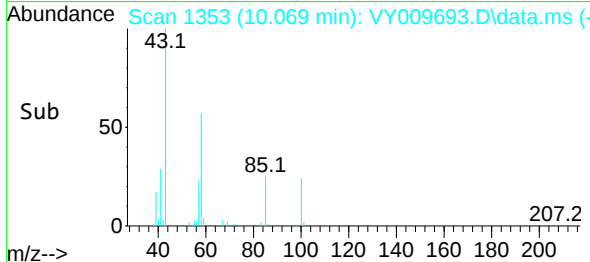
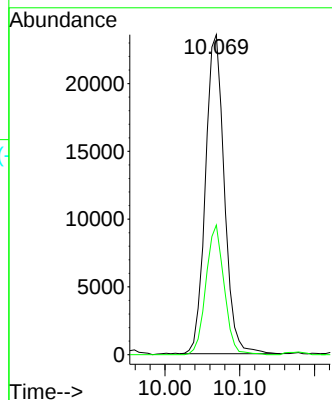
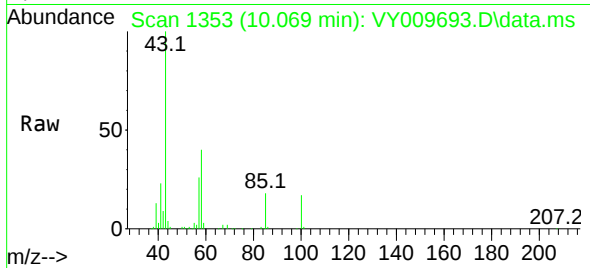




#51
4-Methyl-2-Pentanone
Concen: 24.554 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

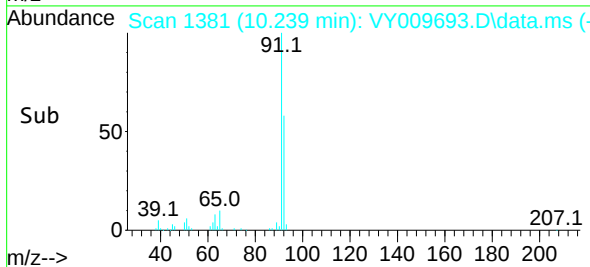
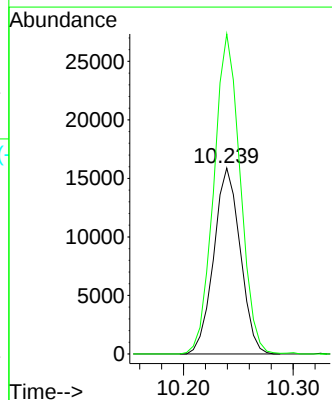
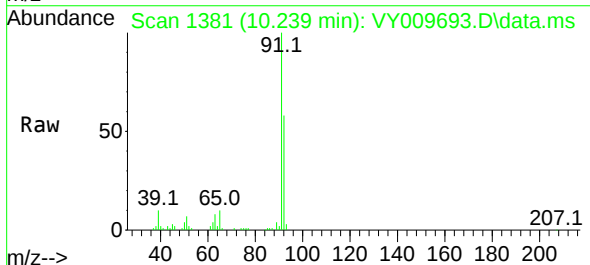
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 41261
Ion Ratio Lower Upper
43 100
58 39.2 28.1 42.1



#52
Toluene
Concen: 4.553 ug/l
RT: 10.239 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

Tgt Ion: 92 Resp: 26597
Ion Ratio Lower Upper
92 100
91 172.0 142.6 213.8

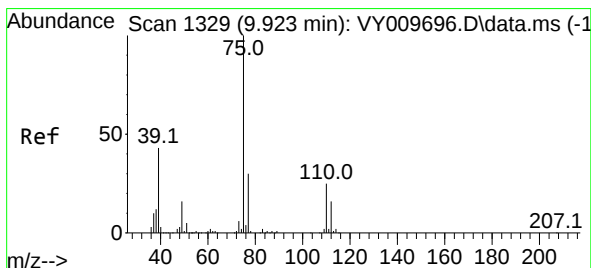
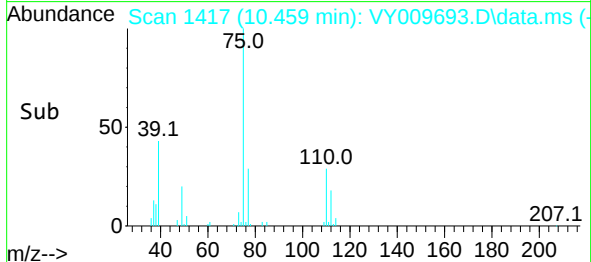
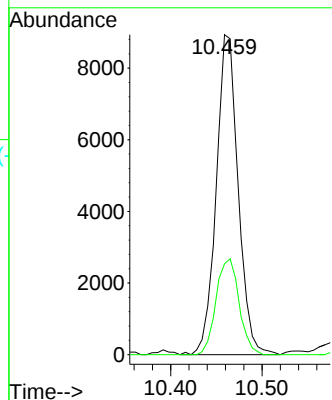
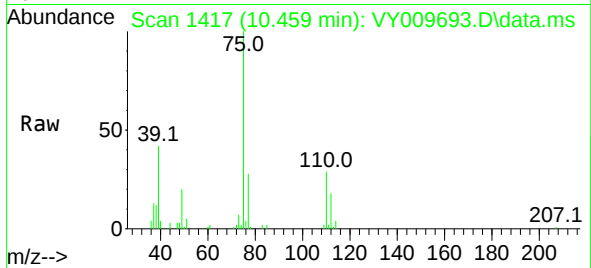




#53
 t-1,3-Dichloropropene
 Concen: 4.638 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. -0.000 min
 Lab File: VY009693.D
 Acq: 26 Jul 2022 11:41

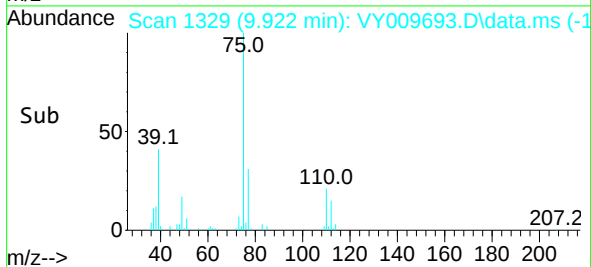
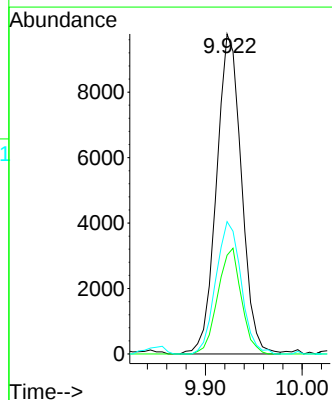
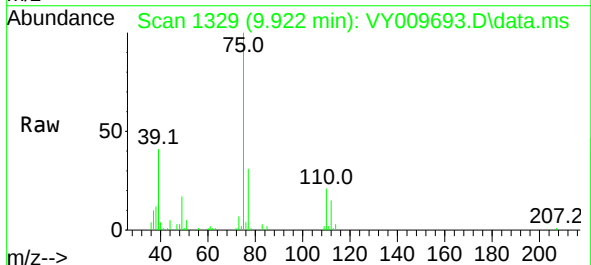
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

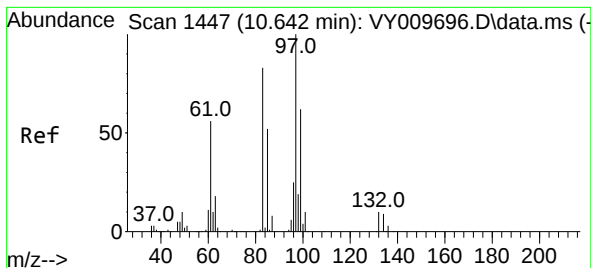
Tgt Ion: 75 Resp: 14895
 Ion Ratio Lower Upper
 75 100
 77 28.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 4.730 ug/l
 RT: 9.922 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY009693.D
 Acq: 26 Jul 2022 11:41

Tgt Ion: 75 Resp: 17497
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.6 38.4
 39 41.3 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 5.005 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY009693.D

Acq: 26 Jul 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 9589

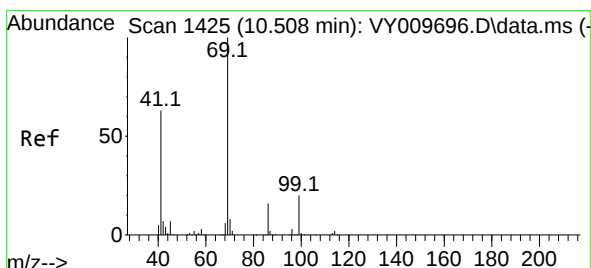
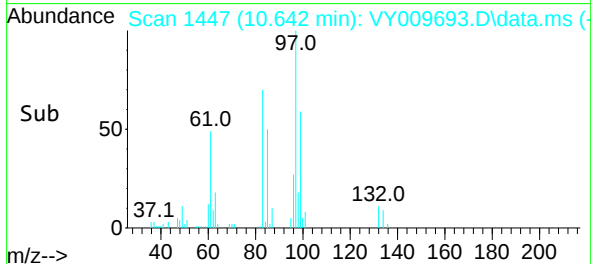
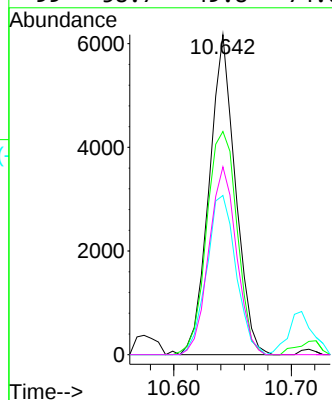
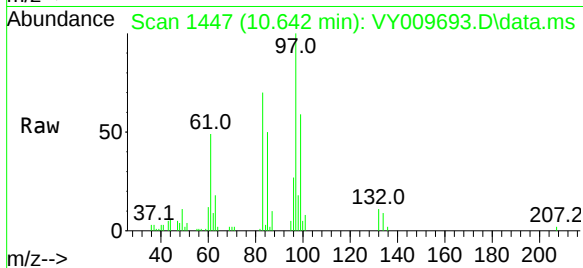
Ion Ratio Lower Upper

97 100

83 69.7 69.8 104.8#

85 49.8 44.3 66.5

99 58.7 49.8 74.6



#56

Ethyl methacrylate

Concen: 4.294 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY009693.D

Acq: 26 Jul 2022 11:41

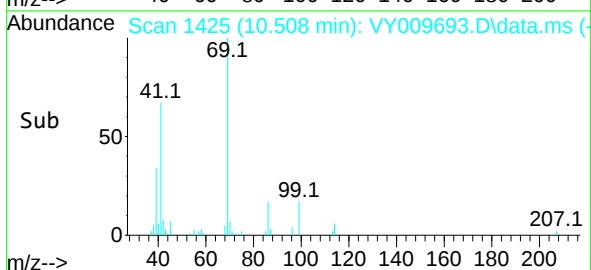
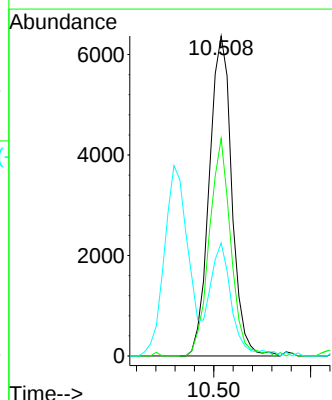
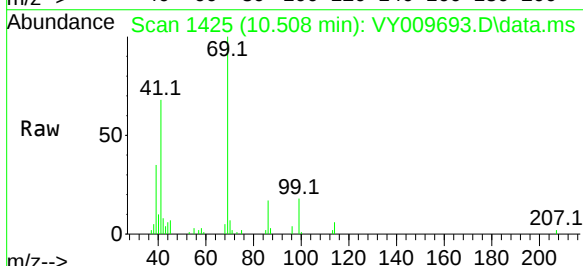
Tgt Ion: 69 Resp: 10289

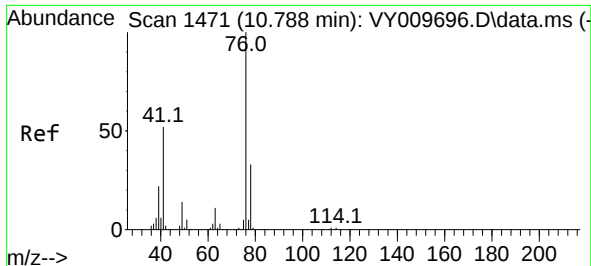
Ion Ratio Lower Upper

69 100

41 65.1 63.4 95.0

39 29.2 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 4.827 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY009693.D

Acq: 26 Jul 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

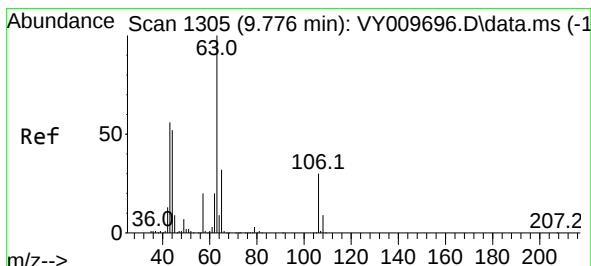
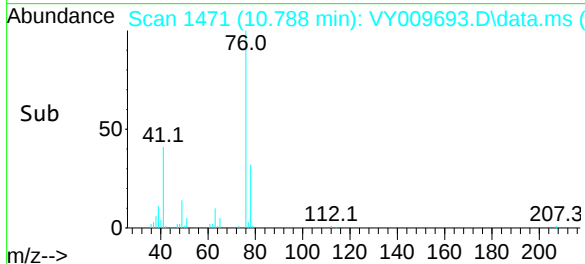
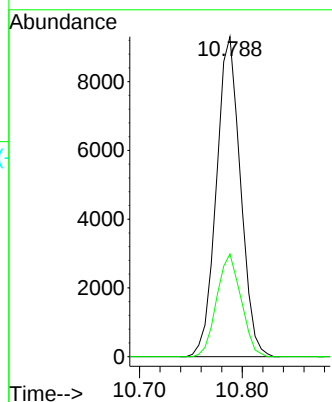
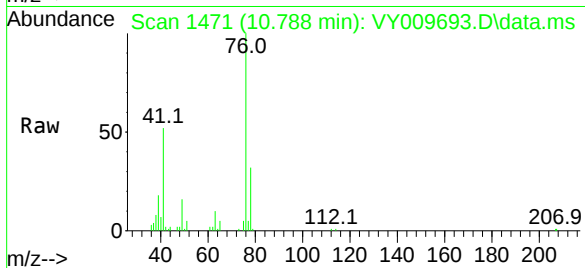
VSTDIC005

Tgt Ion: 76 Resp: 15124

Ion Ratio Lower Upper

76 100

78 32.4 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 23.465 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VY009693.D

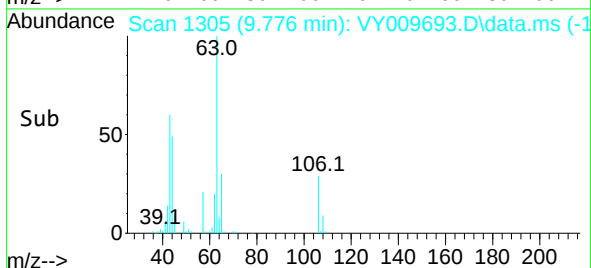
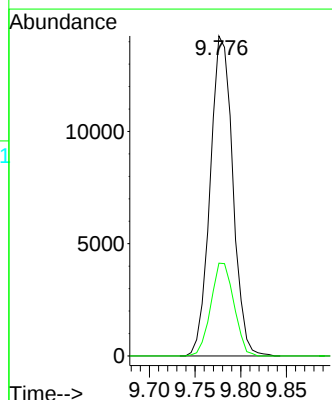
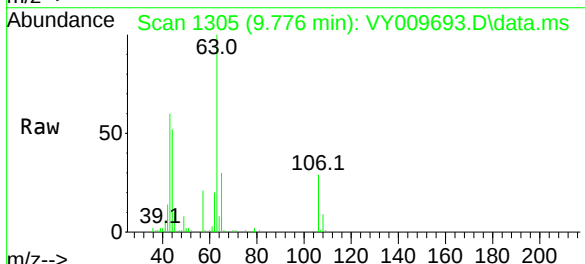
Acq: 26 Jul 2022 11:41

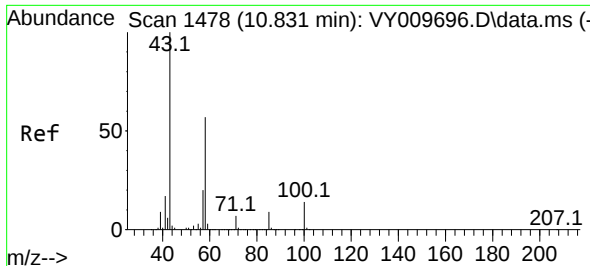
Tgt Ion: 63 Resp: 24509

Ion Ratio Lower Upper

63 100

106 29.6 21.5 32.3





#59

2-Hexanone

Concen: 21.729 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VY009693.D

Acq: 26 Jul 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

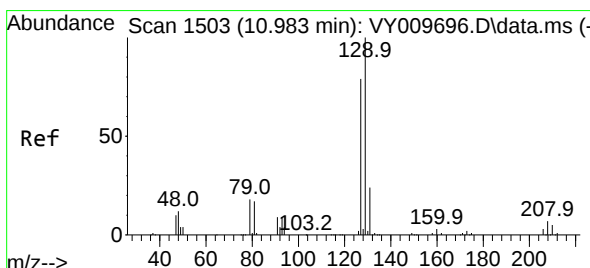
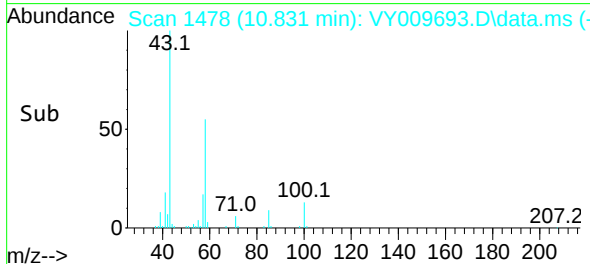
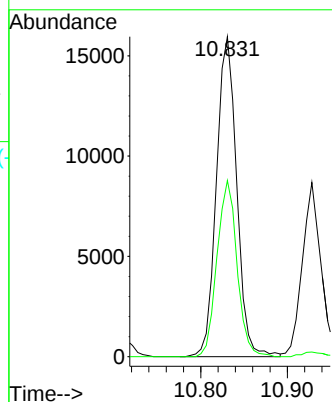
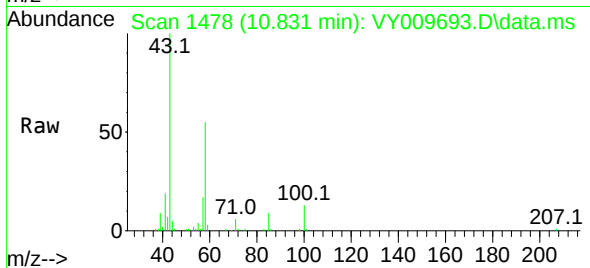
VSTDIC005

Tgt Ion: 43 Resp: 25967

Ion Ratio Lower Upper

43 100

58 54.3 24.4 73.4



#60

Dibromochloromethane

Concen: 4.666 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. -0.000 min

Lab File: VY009693.D

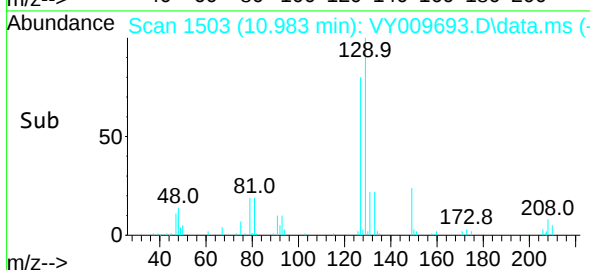
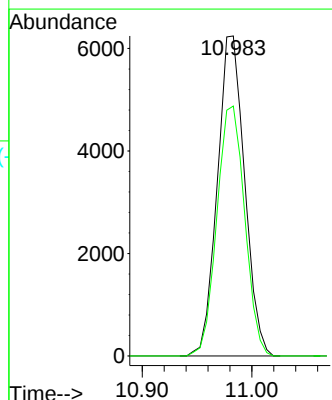
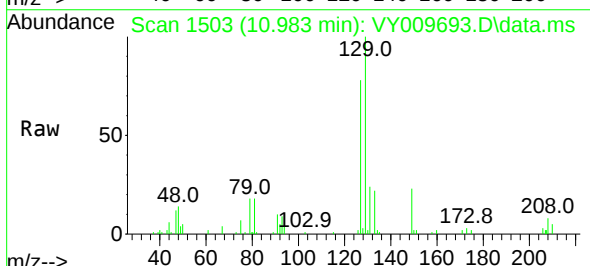
Acq: 26 Jul 2022 11:41

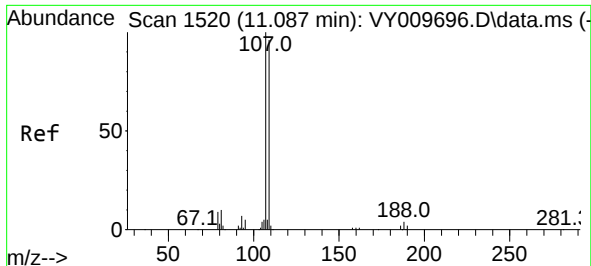
Tgt Ion: 129 Resp: 10800

Ion Ratio Lower Upper

129 100

127 79.5 38.7 116.1

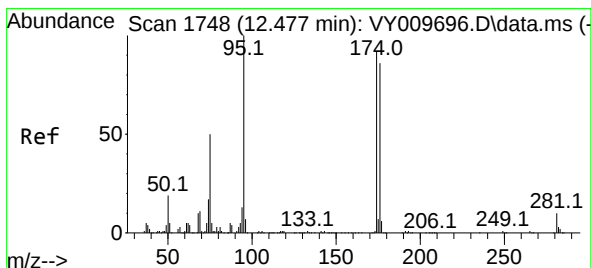
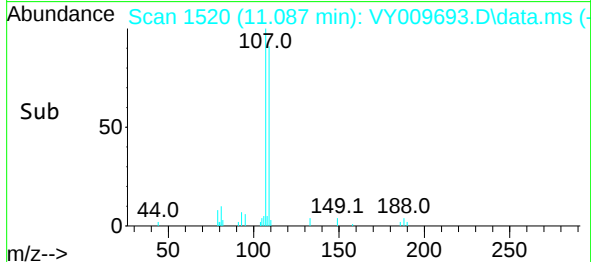
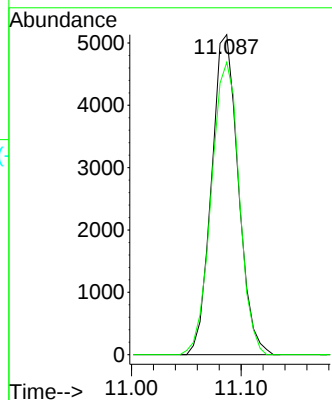
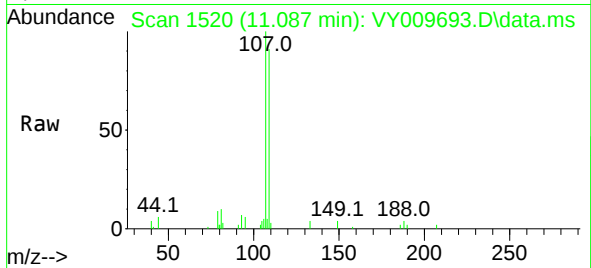




#61
1,2-Dibromoethane
Concen: 4.669 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

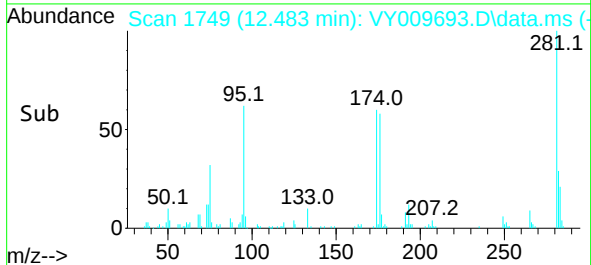
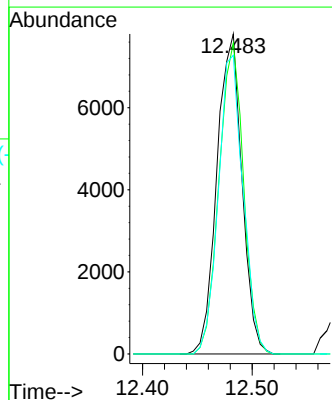
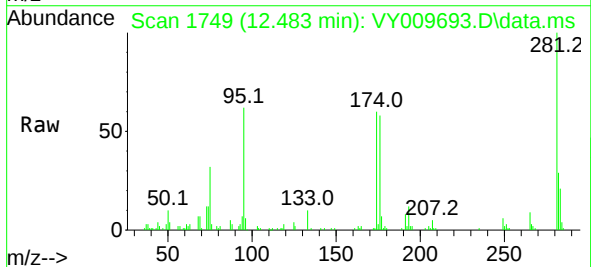
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

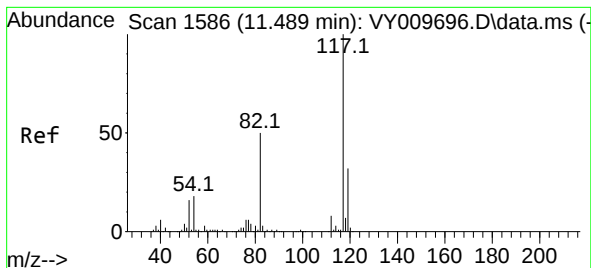
Tgt Ion:107 Resp: 8710
Ion Ratio Lower Upper
107 100
109 95.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 4.779 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

Tgt Ion: 95 Resp: 12344
Ion Ratio Lower Upper
95 100
174 95.2 0.0 177.0
176 92.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009693.D

Acq: 26 Jul 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

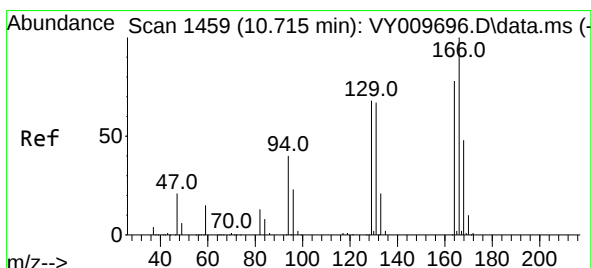
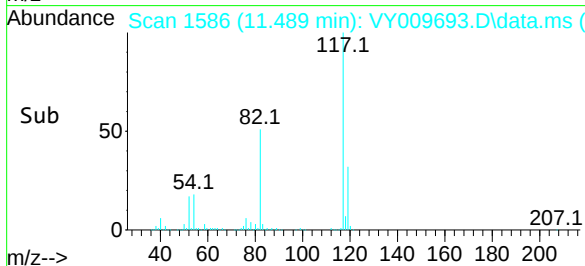
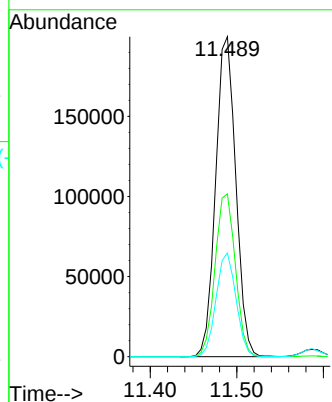
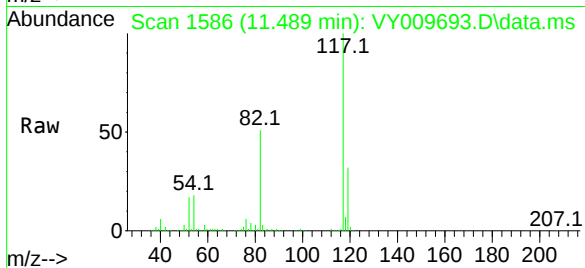
Tgt Ion:117 Resp: 322683

Ion Ratio Lower Upper

117 100

82 50.9 43.0 64.4

119 32.4 25.4 38.0



#64

Tetrachloroethene

Concen: 4.881 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY009693.D

Acq: 26 Jul 2022 11:41

Tgt Ion:164 Resp: 12361

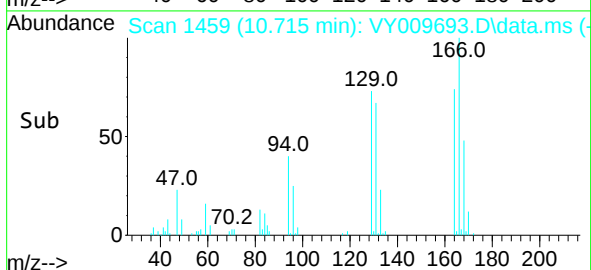
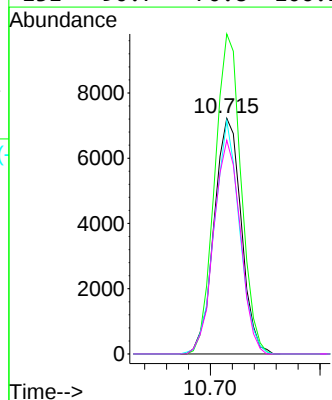
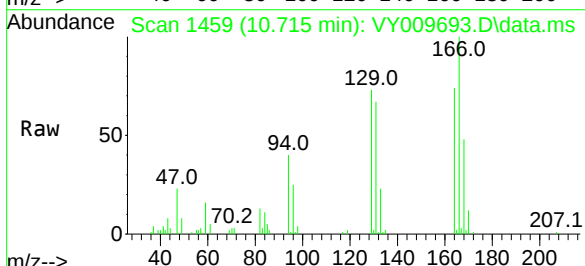
Ion Ratio Lower Upper

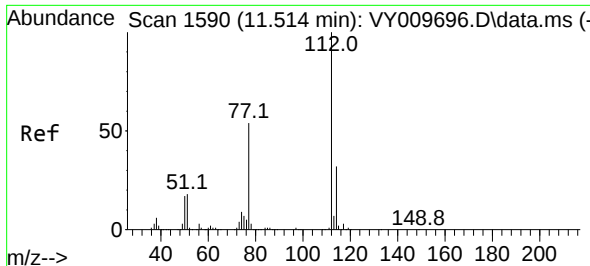
164 100

166 135.8 100.4 150.6

129 98.9 71.4 107.0

131 90.7 70.8 106.2

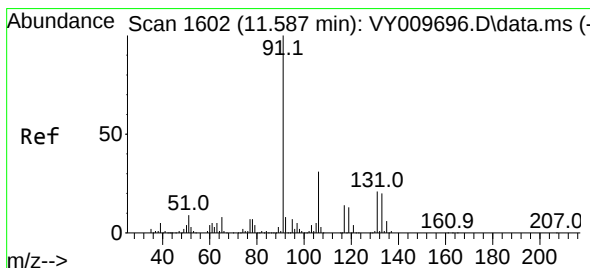
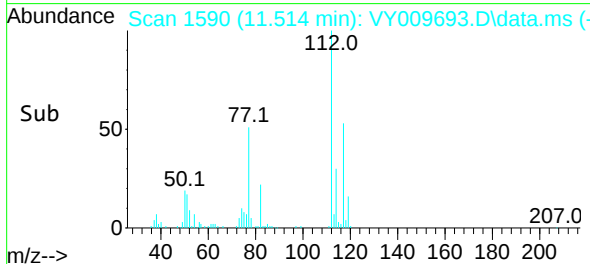
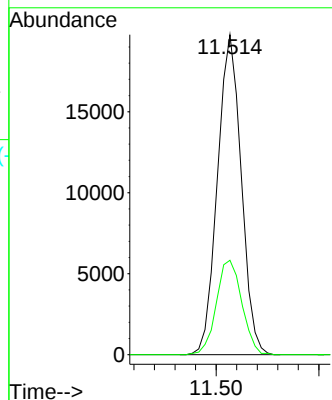
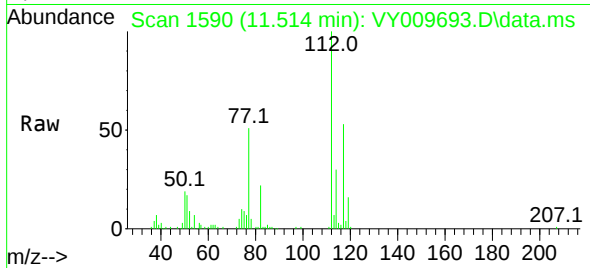




#65
Chlorobenzene
Concen: 4.900 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

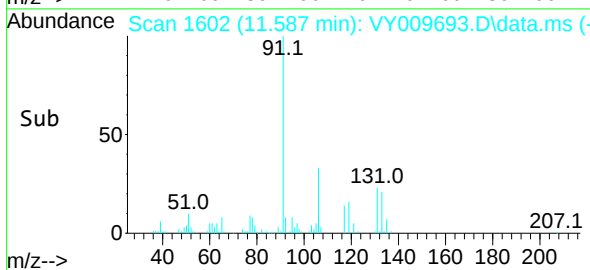
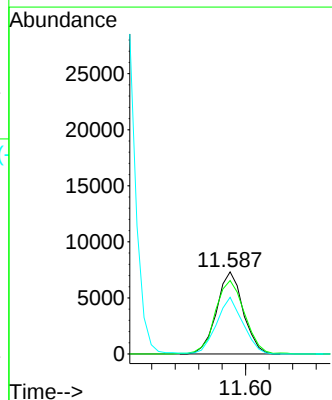
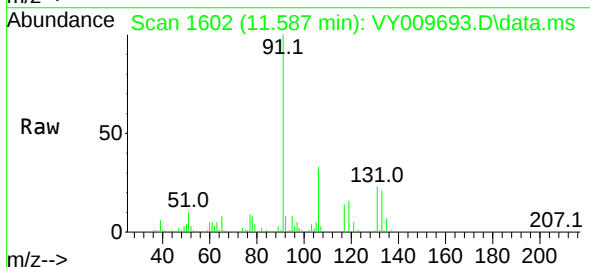
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

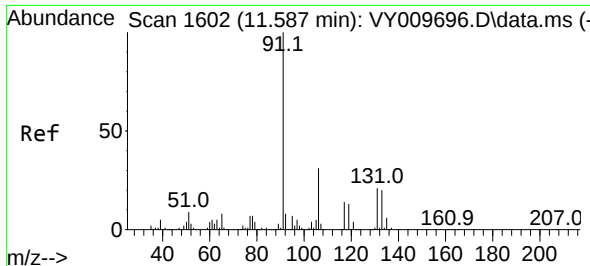
Tgt Ion:112 Resp: 31681
Ion Ratio Lower Upper
112 100
114 29.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 4.762 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

Tgt Ion:131 Resp: 11443
Ion Ratio Lower Upper
131 100
133 98.9 47.9 143.6
119 69.0 30.8 92.3

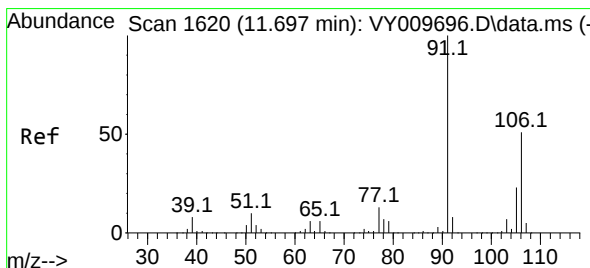
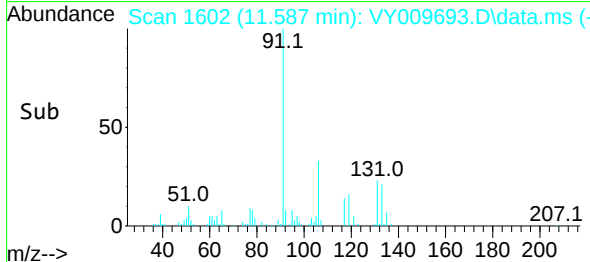
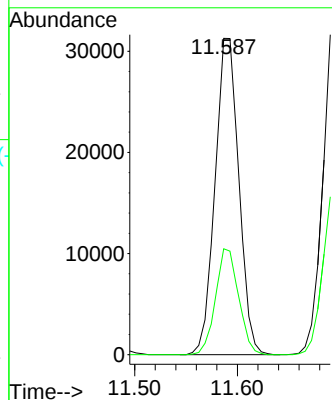
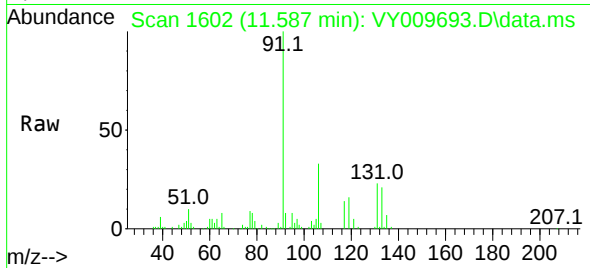




#67
Ethyl Benzene
Concen: 4.492 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

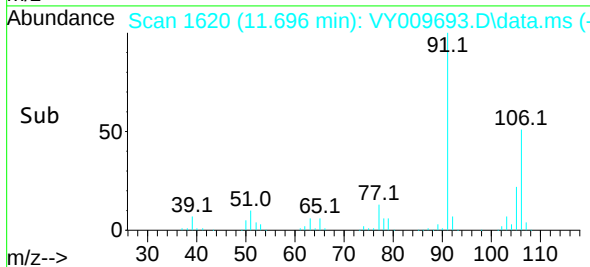
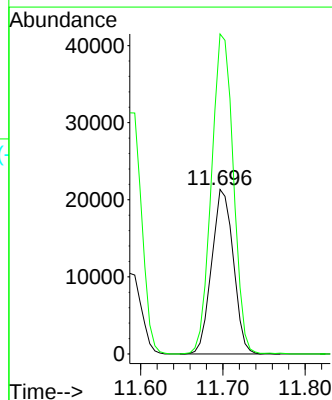
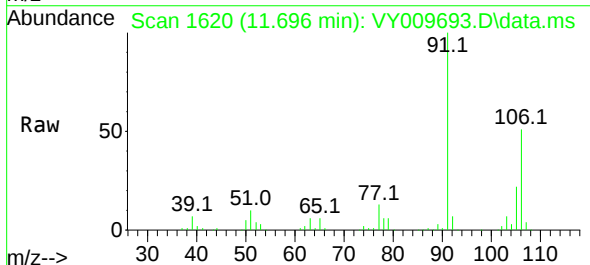
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

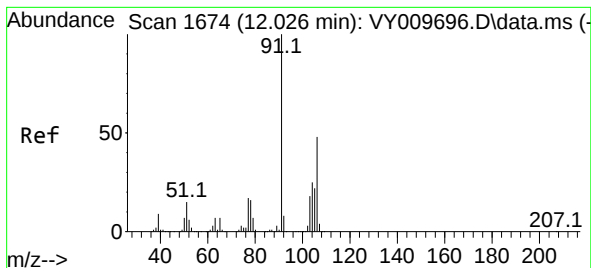
Tgt Ion: 91 Resp: 50268
Ion Ratio Lower Upper
91 100
106 33.5 24.5 36.7



#68
m/p-Xylenes
Concen: 8.748 ug/l
RT: 11.696 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

Tgt Ion: 106 Resp: 39113
Ion Ratio Lower Upper
106 100
91 196.9 166.6 249.8





#69

o-Xylene

Concen: 4.342 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009693.D

Acq: 26 Jul 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

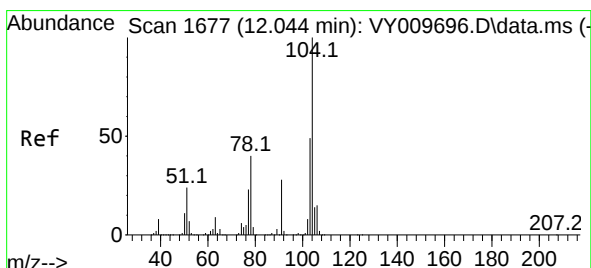
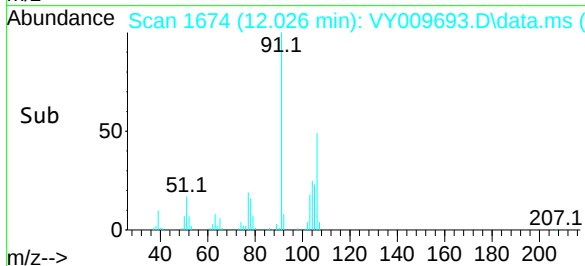
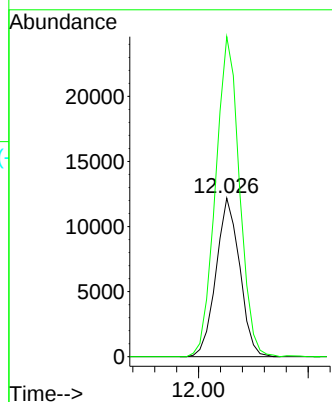
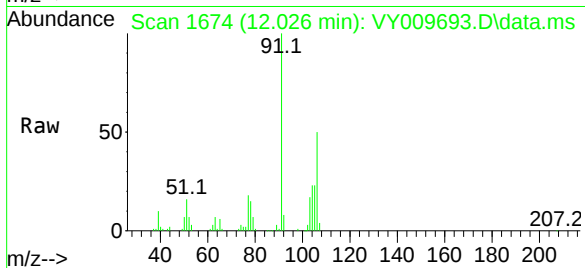
VSTDIC005

Tgt Ion:106 Resp: 18226

Ion Ratio Lower Upper

106 100

91 204.5 110.3 331.0



#70

Styrene

Concen: 4.230 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY009693.D

Acq: 26 Jul 2022 11:41

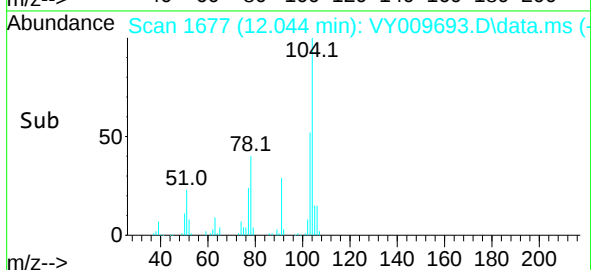
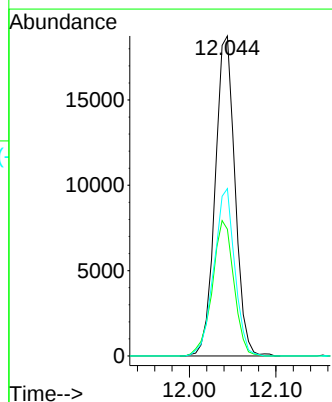
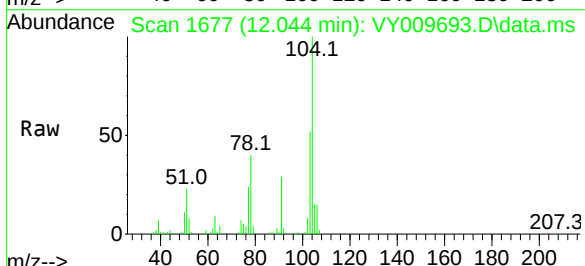
Tgt Ion:104 Resp: 29824

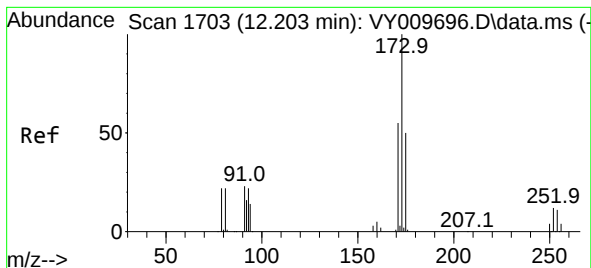
Ion Ratio Lower Upper

104 100

78 45.9 42.4 63.6

103 54.9 44.4 66.6





#71

Bromoform

Concen: 4.572 ug/l

RT: 12.202 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009693.D

Acq: 26 Jul 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

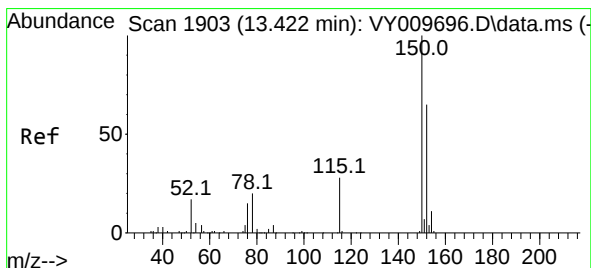
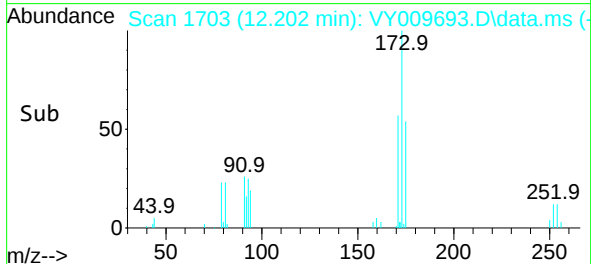
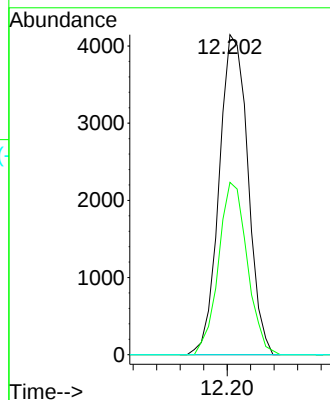
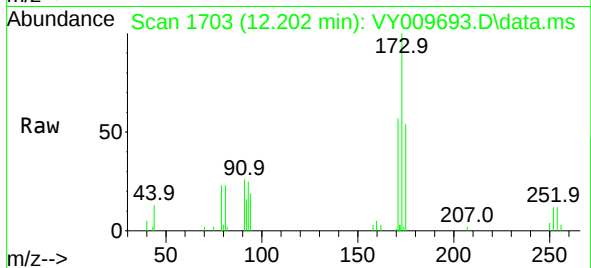
Tgt Ion:173 Resp: 7046

Ion Ratio Lower Upper

173 100

175 53.9 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009693.D

Acq: 26 Jul 2022 11:41

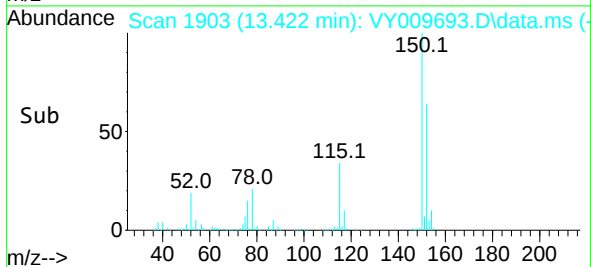
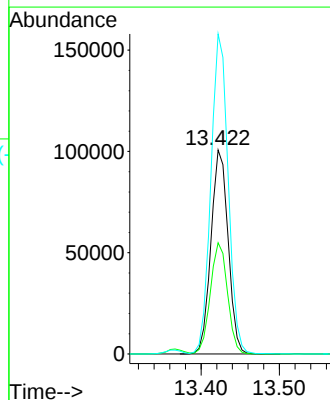
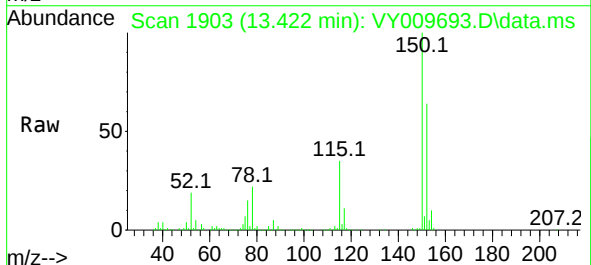
Tgt Ion:152 Resp: 152996

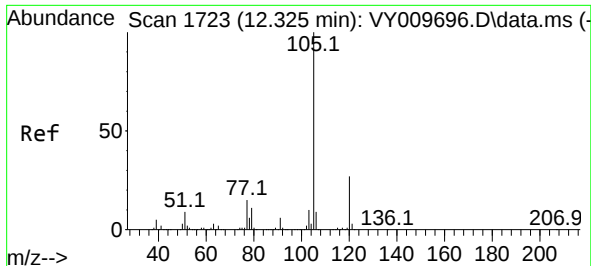
Ion Ratio Lower Upper

152 100

115 54.5 28.2 84.7

150 157.8 0.0 347.6

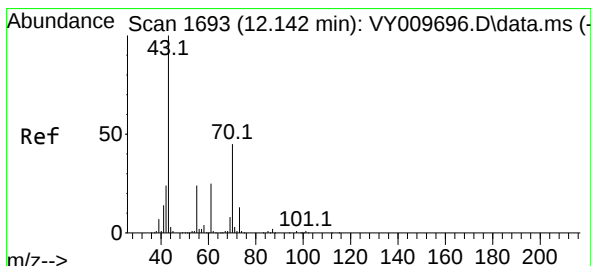
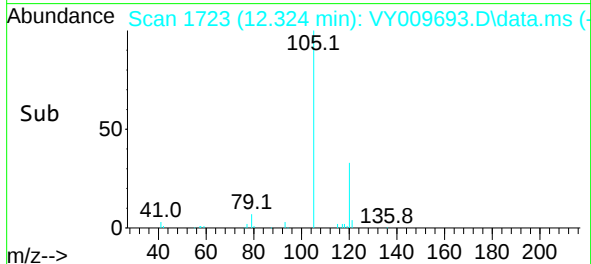
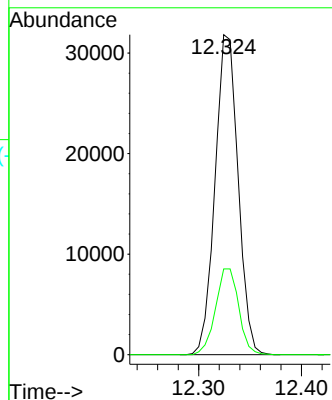
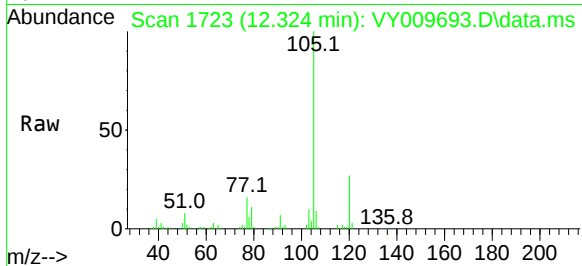




#73
Isopropylbenzene
Concen: 4.800 ug/l
RT: 12.324 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

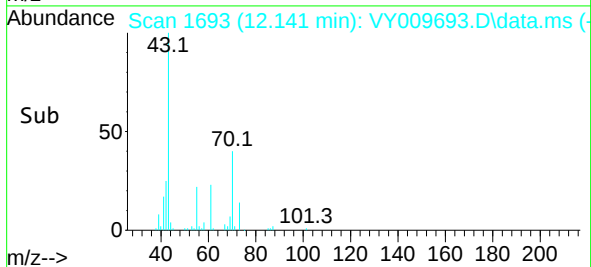
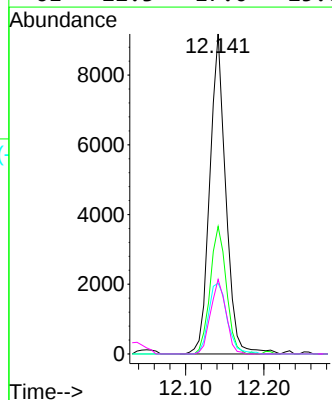
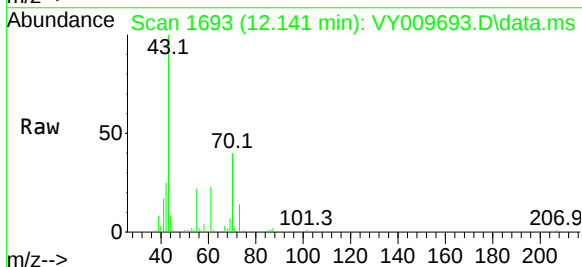
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

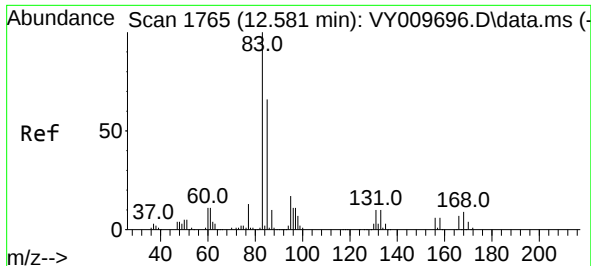
Tgt Ion:105 Resp: 49451
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2



#74
N-ethyl acetate
Concen: 4.758 ug/l
RT: 12.141 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

Tgt Ion: 43 Resp: 13011
Ion Ratio Lower Upper
43 100
70 40.3 28.7 43.1
55 25.6 17.3 25.9
61 22.3 17.0 25.6

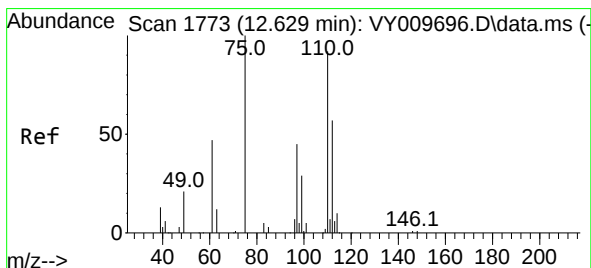
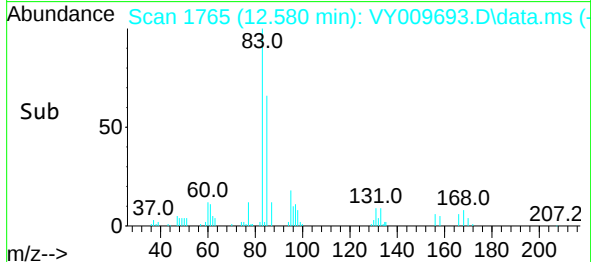
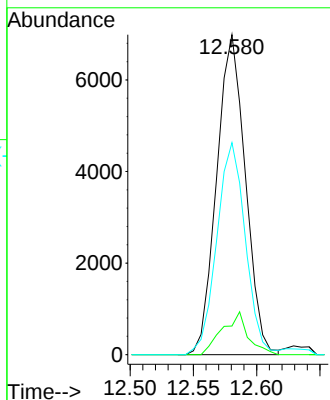
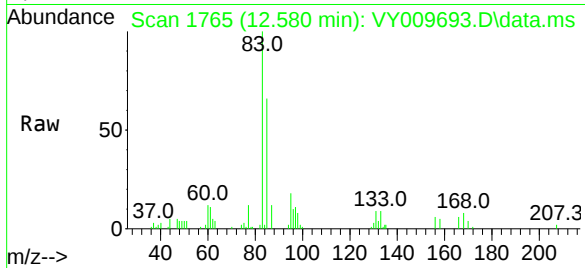




#75
1,1,2,2-Tetrachloroethane
Concen: 5.364 ug/l
RT: 12.580 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

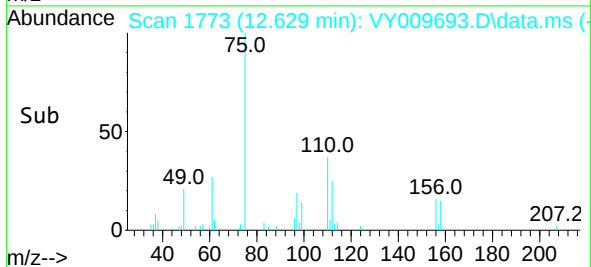
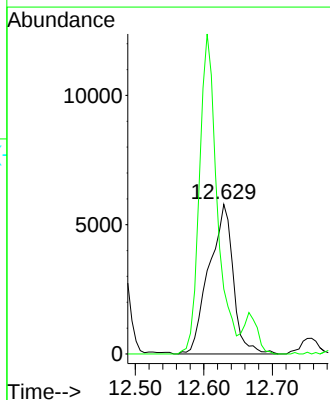
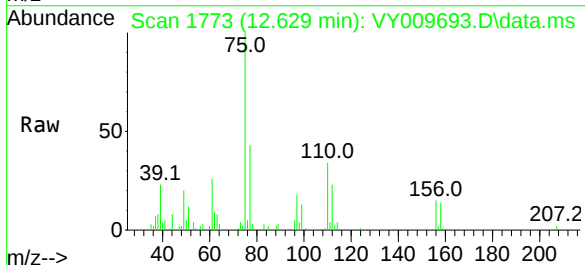
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

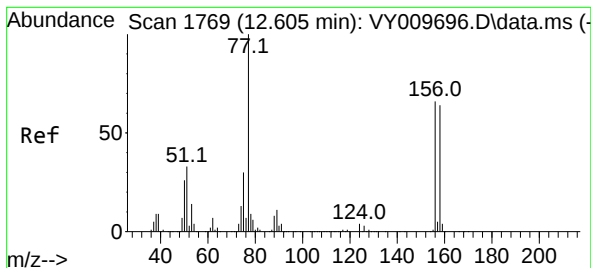
Tgt Ion: 83 Resp: 11042
Ion Ratio Lower Upper
83 100
131 11.9 5.6 16.8
85 65.9 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 9.573 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

Tgt Ion: 75 Resp: 14238
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 5.154 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY009693.D

Acq: 26 Jul 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

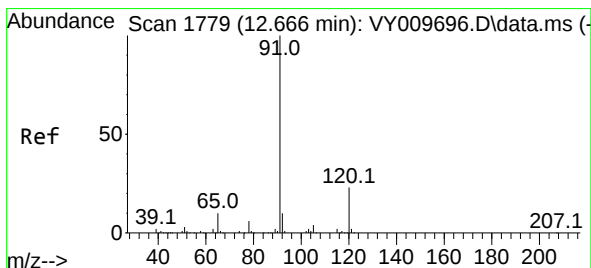
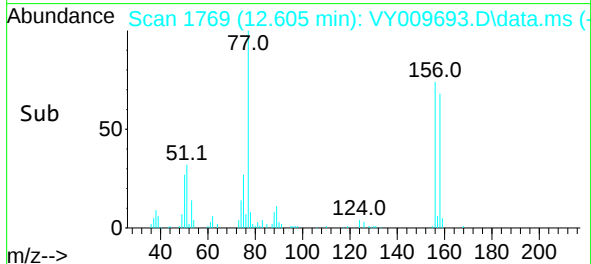
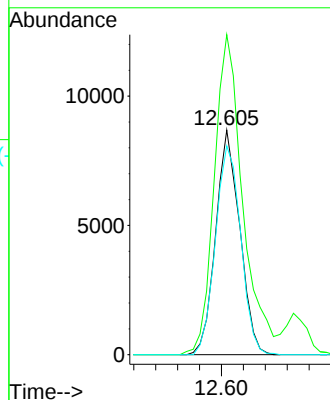
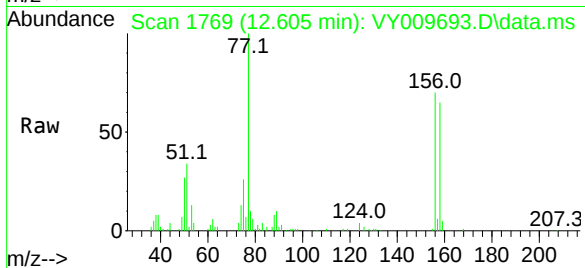
Tgt Ion:156 Resp: 13275

Ion Ratio Lower Upper

156 100

77 167.4 95.5 286.4

158 97.5 48.0 144.0



#78

n-propylbenzene

Concen: 4.749 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VY009693.D

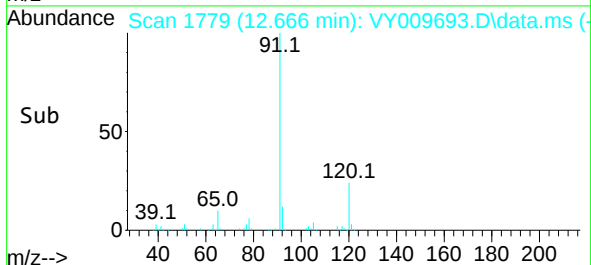
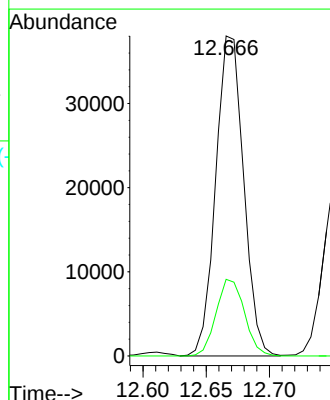
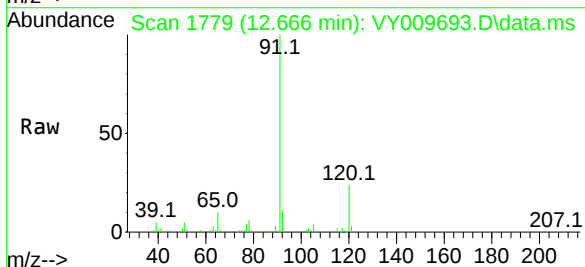
Acq: 26 Jul 2022 11:41

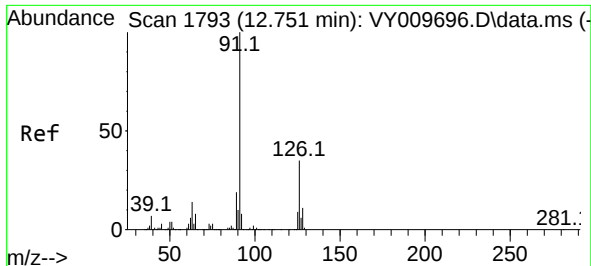
Tgt Ion: 91 Resp: 58294

Ion Ratio Lower Upper

91 100

120 24.3 11.3 33.9

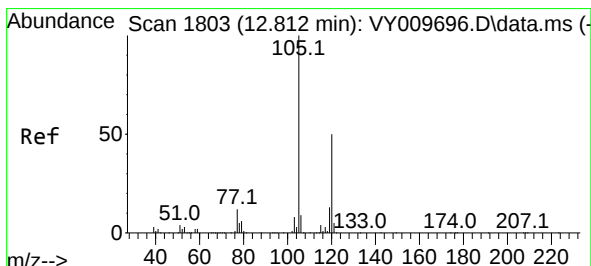
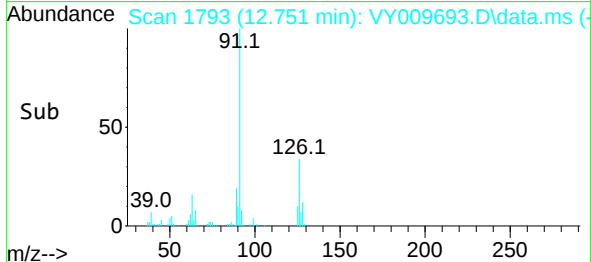
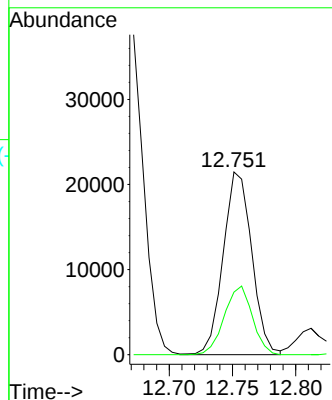
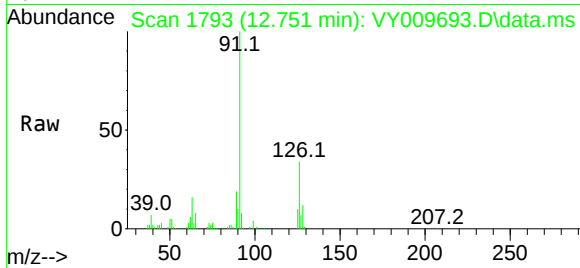




#79
2-Chlorotoluene
Concen: 4.888 ug/l
RT: 12.751 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

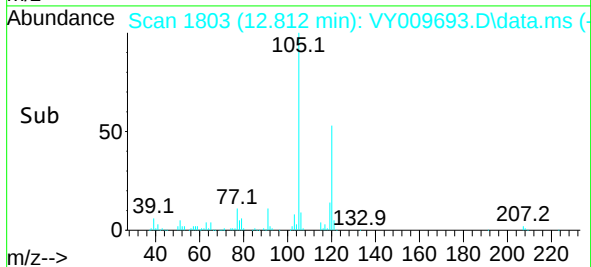
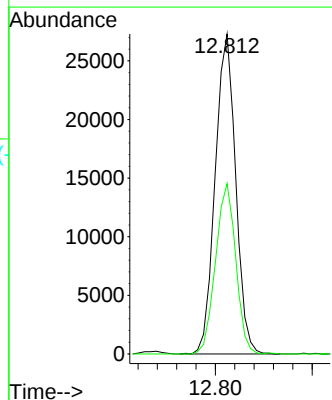
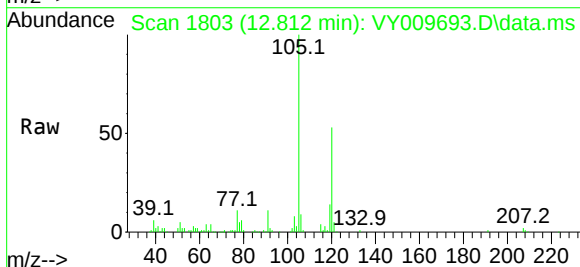
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

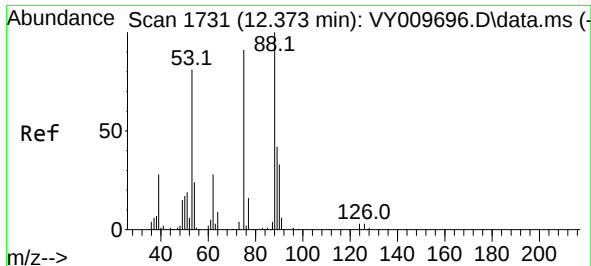
Tgt Ion: 91 Resp: 33790
Ion Ratio Lower Upper
91 100
126 36.7 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 4.700 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

Tgt Ion: 105 Resp: 40049
Ion Ratio Lower Upper
105 100
120 52.4 24.4 73.4

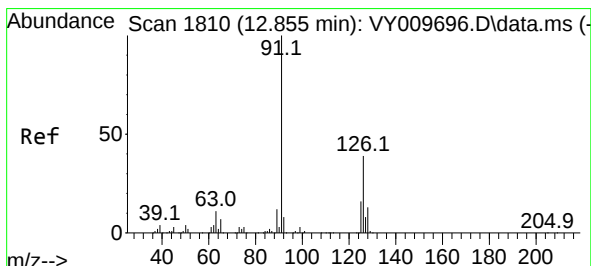
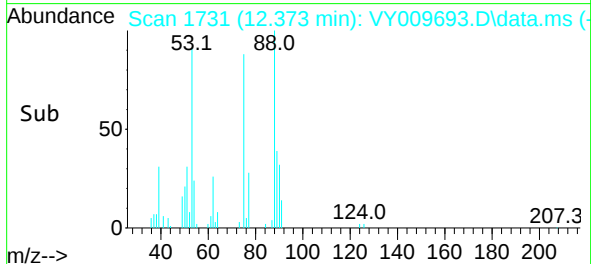
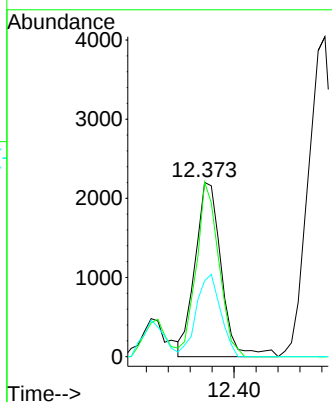
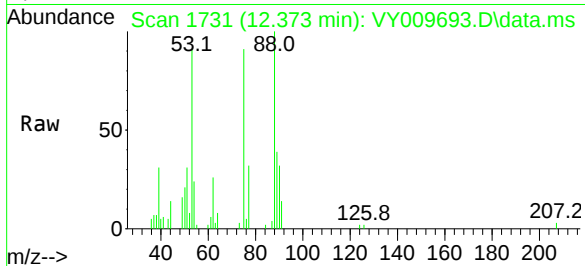




#81
trans-1,4-Dichloro-2-butene
Concen: 4.988 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

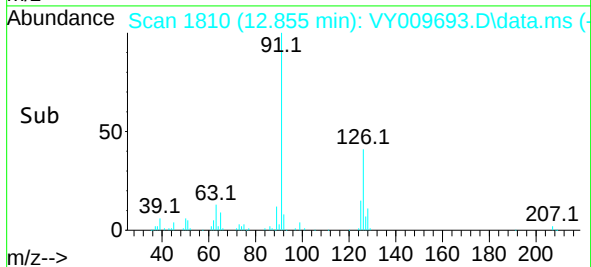
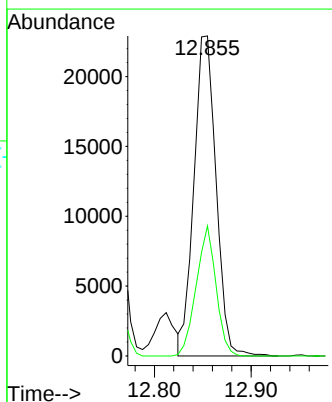
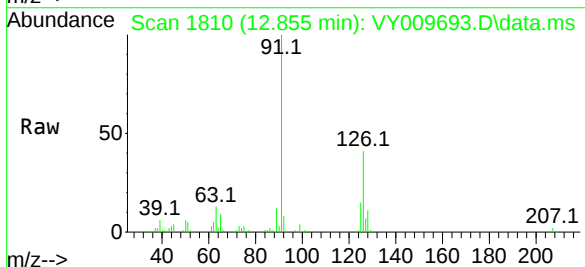
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

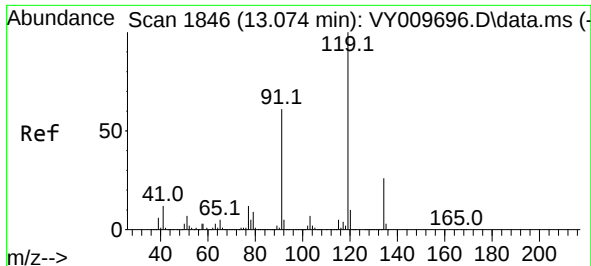
Tgt Ion: 75 Resp: 3647
Ion Ratio Lower Upper
75 100
53 86.0 85.3 127.9
89 43.8 37.0 55.4



#82
4-Chlorotoluene
Concen: 5.032 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

Tgt Ion: 91 Resp: 36439
Ion Ratio Lower Upper
91 100
126 36.3 17.0 51.0

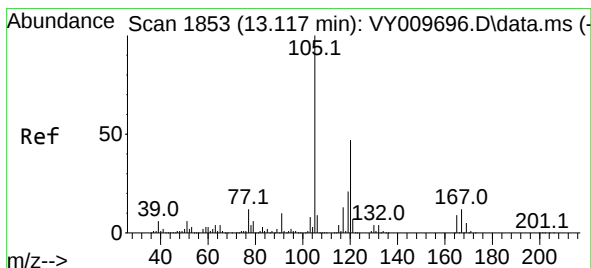
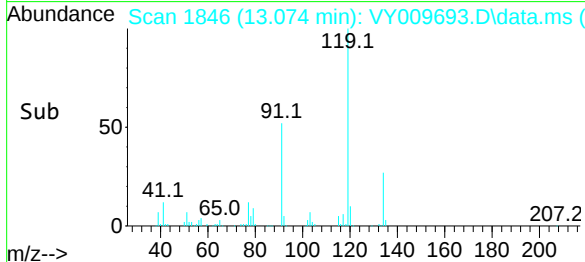
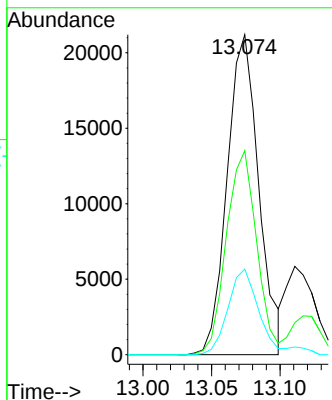
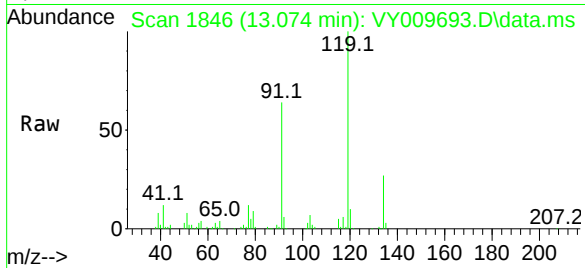




#83
tert-Butylbenzene
Concen: 4.530 ug/l
RT: 13.074 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

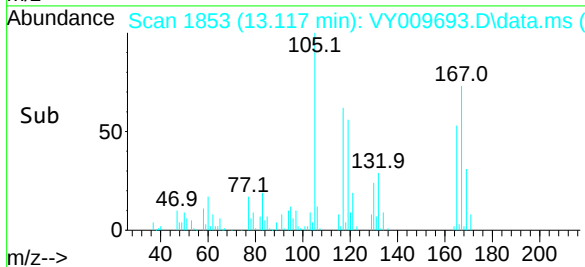
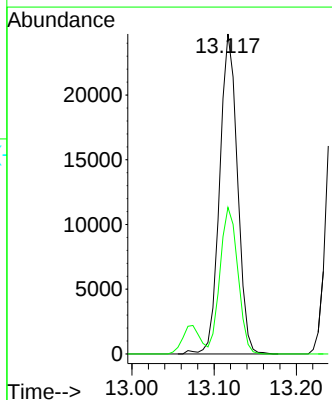
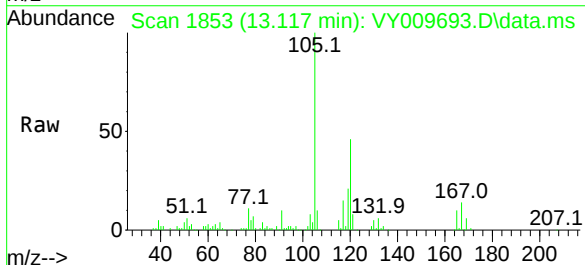
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

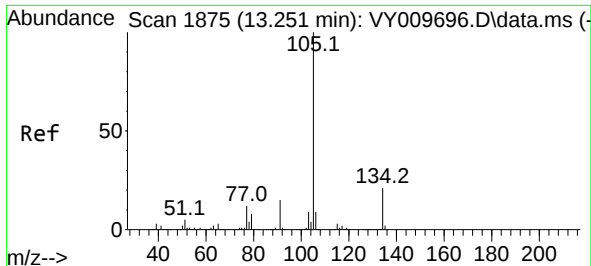
Tgt Ion:119 Resp: 33990
Ion Ratio Lower Upper
119 100
91 61.2 34.8 104.4
134 25.8 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 4.420 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

Tgt Ion:105 Resp: 37229
Ion Ratio Lower Upper
105 100
120 45.8 22.3 66.9

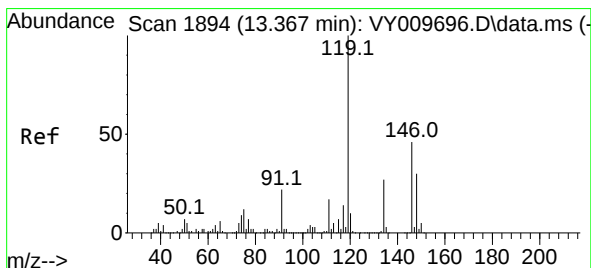
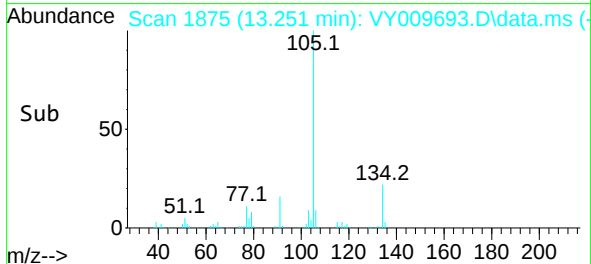
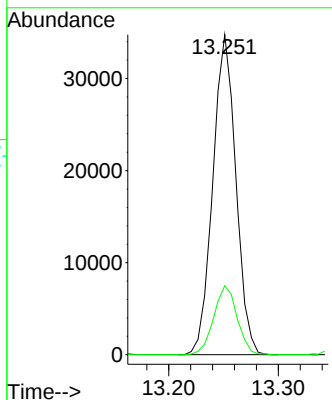
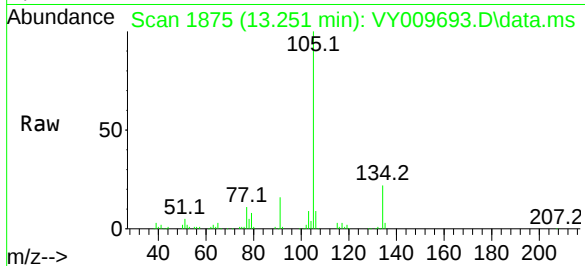




#85
 sec-Butylbenzene
 Concen: 4.627 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY009693.D
 Acq: 26 Jul 2022 11:41

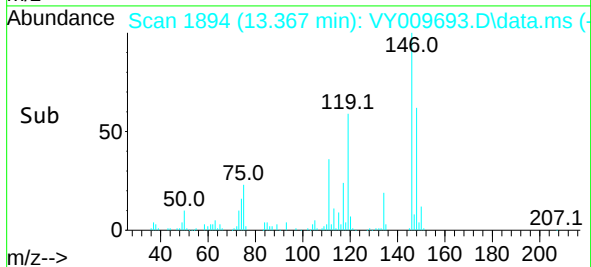
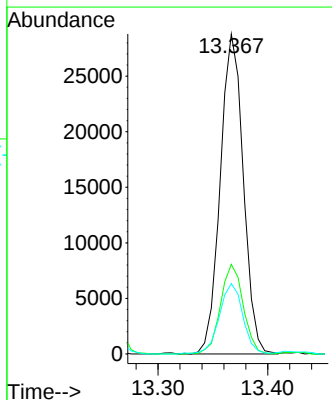
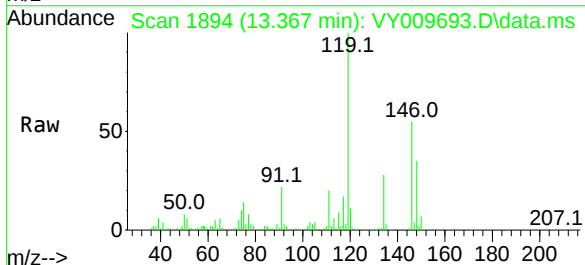
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

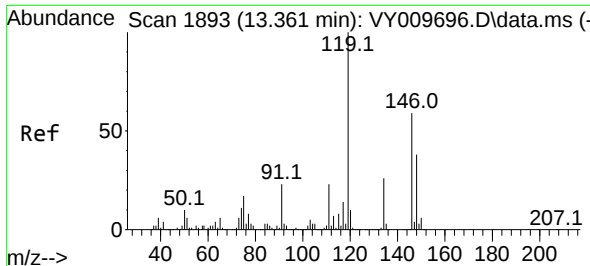
Tgt Ion:105 Resp: 50796
 Ion Ratio Lower Upper
 105 100
 134 21.9 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 4.507 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY009693.D
 Acq: 26 Jul 2022 11:41

Tgt Ion:119 Resp: 42025
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.2 39.5
 91 22.4 12.4 37.2

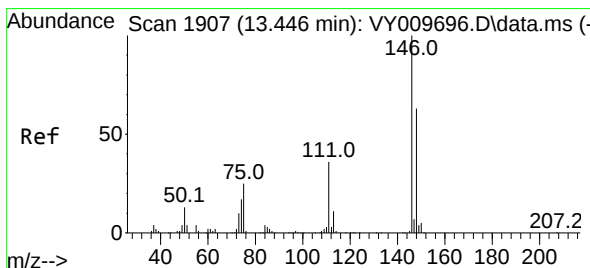
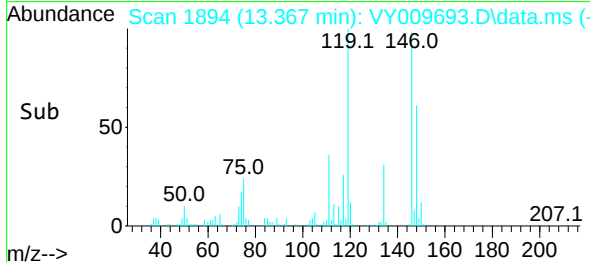
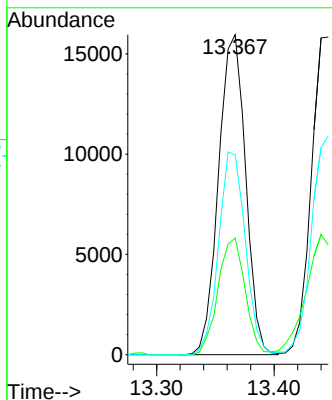
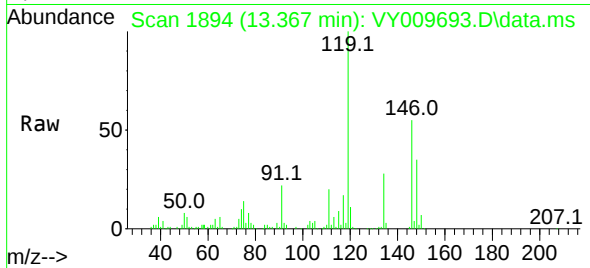




#87
 1,3-Dichlorobenzene
 Concen: 5.041 ug/l
 RT: 13.367 min Scan# 1893
 Delta R.T. 0.006 min
 Lab File: VY009693.D
 Acq: 26 Jul 2022 11:41

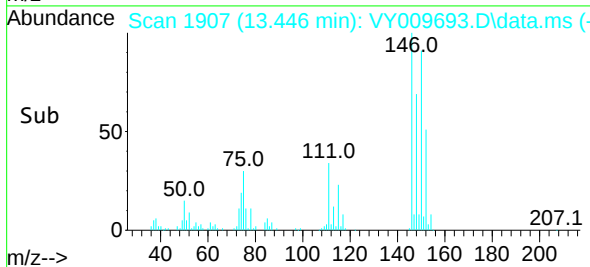
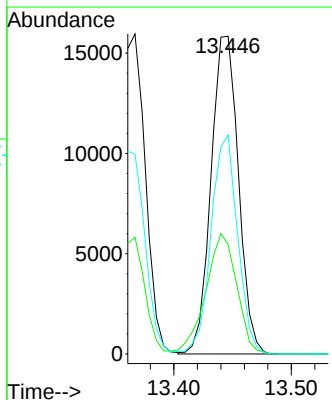
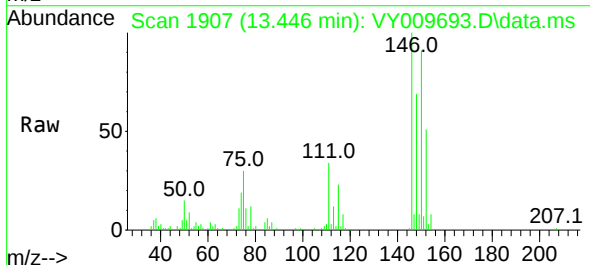
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

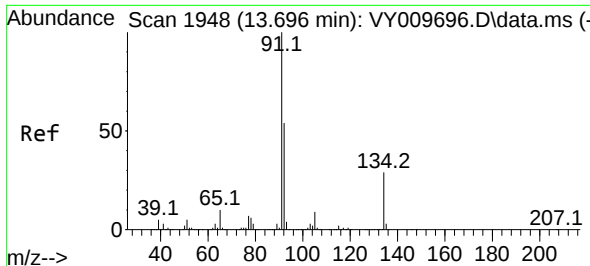
Tgt Ion:146 Resp: 25557
 Ion Ratio Lower Upper
 146 100
 111 36.6 19.5 58.5
 148 62.7 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 5.040 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY009693.D
 Acq: 26 Jul 2022 11:41

Tgt Ion:146 Resp: 25716
 Ion Ratio Lower Upper
 146 100
 111 43.0 19.3 57.8
 148 66.8 32.6 97.8

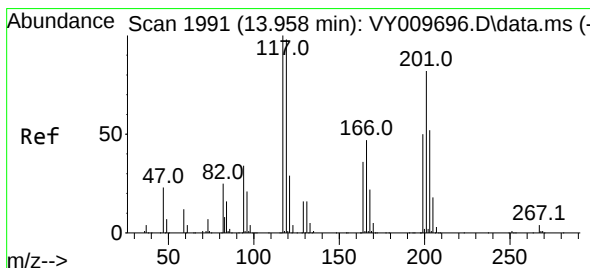
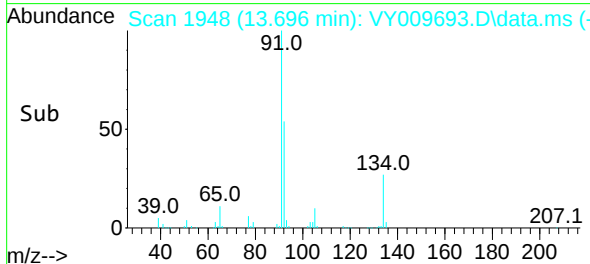
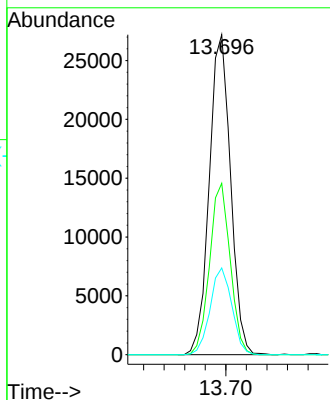
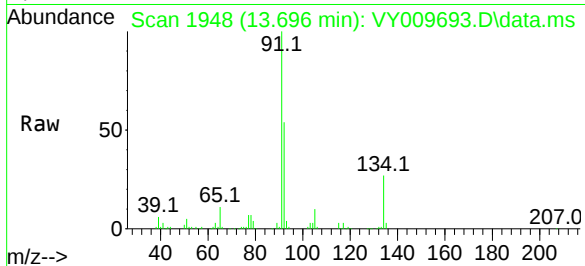




#89
n-Butylbenzene
Concen: 4.583 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

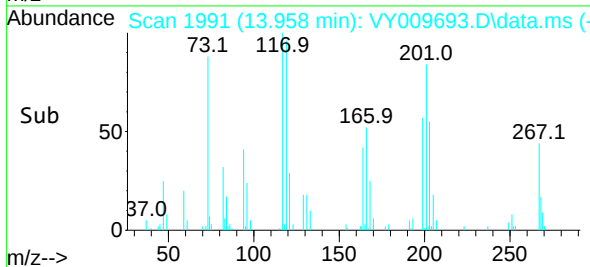
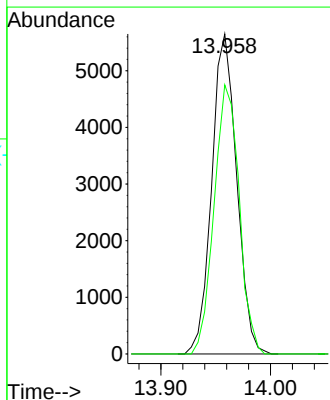
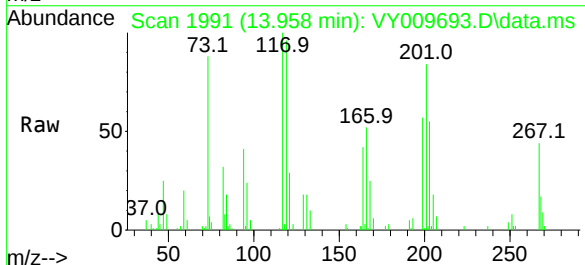
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

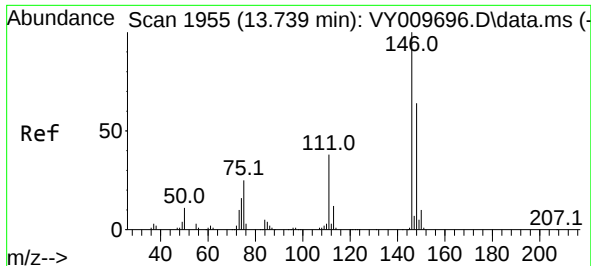
Tgt Ion:	91	Resp:	39063
Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.3	78.9
134	27.7	13.0	38.9



#90
Hexachloroethane
Concen: 4.894 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

Tgt Ion:	117	Resp:	8936
Ion	Ratio	Lower	Upper
117	100		
201	84.5	43.0	128.8

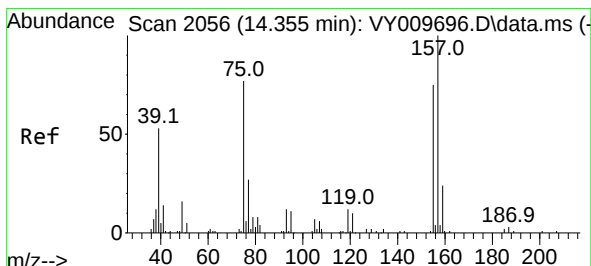
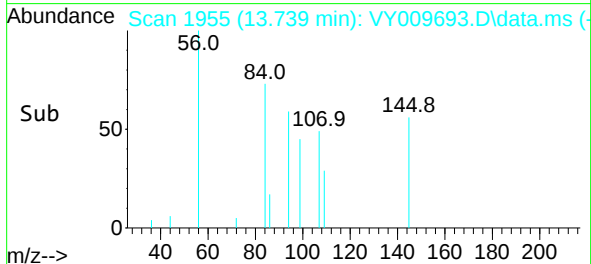
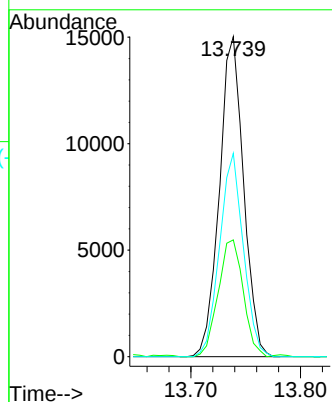
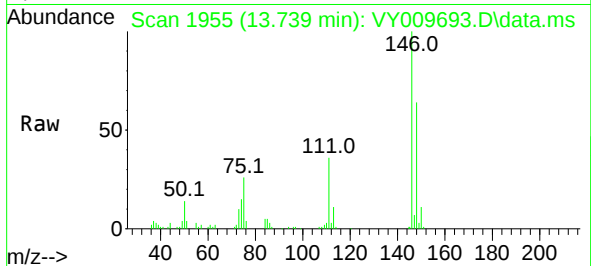




#91
1,2-Dichlorobenzene
Concen: 5.066 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

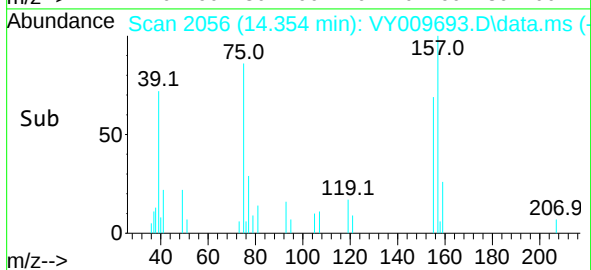
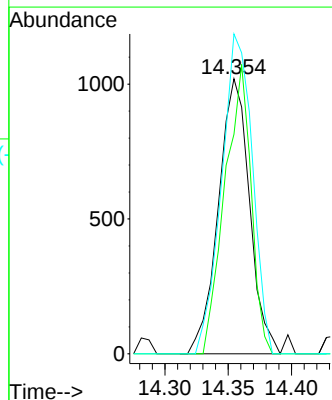
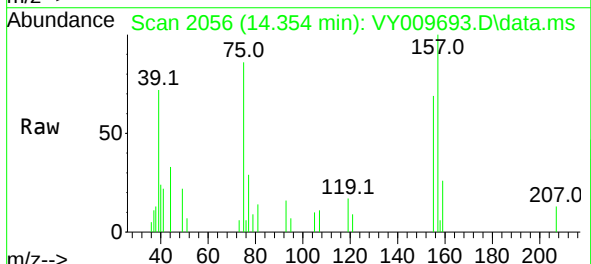
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

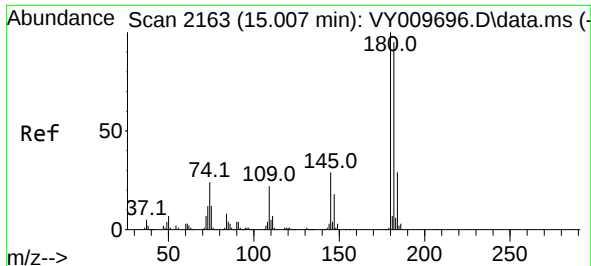
Tgt Ion:146 Resp: 23043
Ion Ratio Lower Upper
146 100
111 37.9 20.3 60.9
148 62.5 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.207 ug/l
RT: 14.354 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY009693.D
Acq: 26 Jul 2022 11:41

Tgt Ion: 75 Resp: 1751
Ion Ratio Lower Upper
75 100
155 87.9 38.0 113.9
157 115.0 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 4.916 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY009693.D

Acq: 26 Jul 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

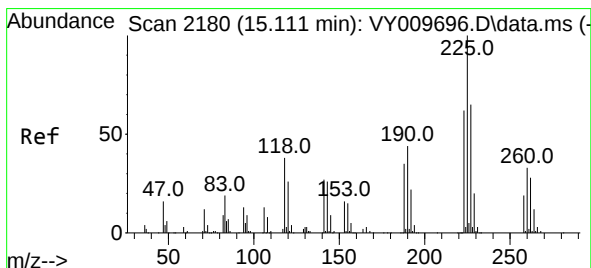
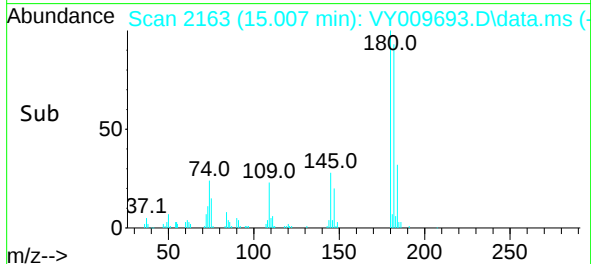
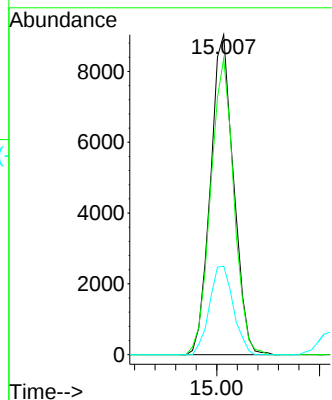
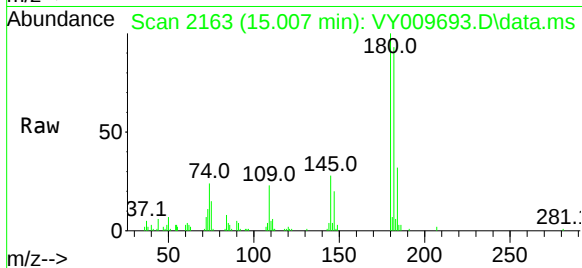
Tgt Ion:180 Resp: 14123

Ion Ratio Lower Upper

180 100

182 92.8 47.3 141.9

145 28.5 14.6 43.8



#94

Hexachlorobutadiene

Concen: 5.214 ug/l

RT: 15.110 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY009693.D

Acq: 26 Jul 2022 11:41

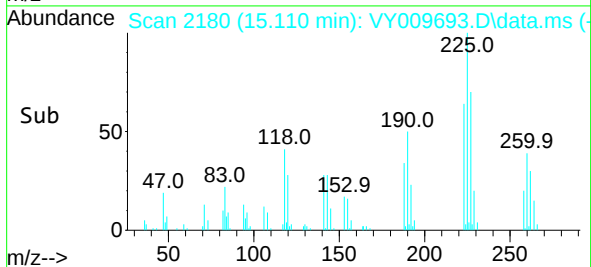
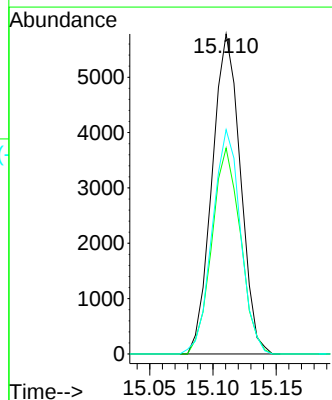
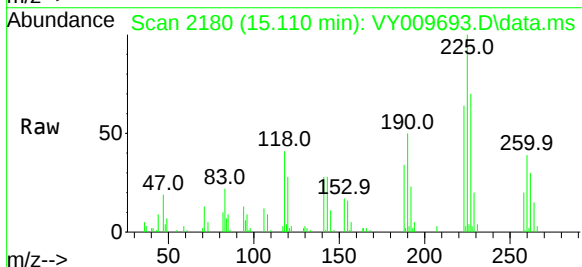
Tgt Ion:225 Resp: 8994

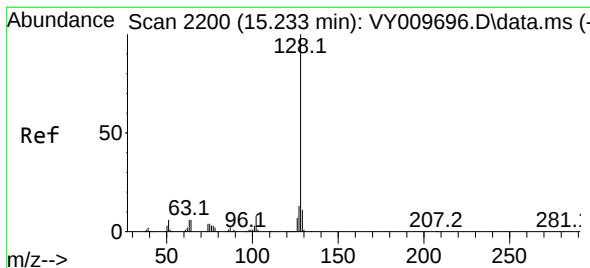
Ion Ratio Lower Upper

225 100

223 64.8 30.8 92.3

227 69.7 31.6 94.7





#95

Naphthalene

Concen: 4.405 ug/l

RT: 15.232 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY009693.D

Acq: 26 Jul 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

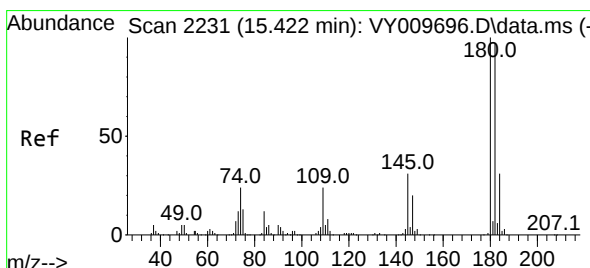
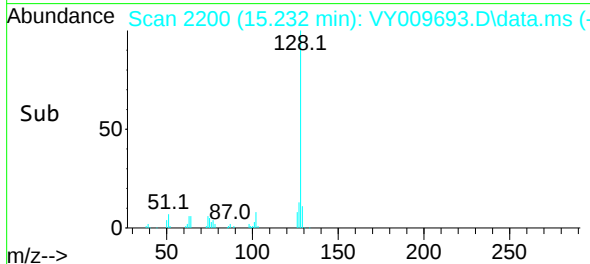
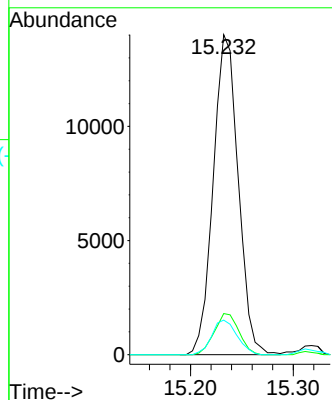
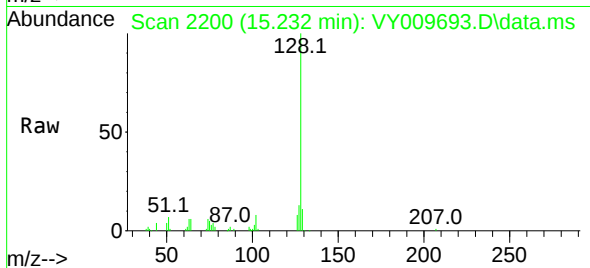
Tgt Ion:128 Resp: 23644

Ion Ratio Lower Upper

128 100

127 12.7 11.0 16.4

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 5.078 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY009693.D

Acq: 26 Jul 2022 11:41

Tgt Ion:180 Resp: 12639

Ion Ratio Lower Upper

180 100

182 92.9 47.3 141.9

145 30.2 15.3 45.9

