

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072622\
 Data File : VY009694.D
 Acq On : 26 Jul 2022 12:04
 Operator : KP/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Jul 27 02:14:25 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	7.783	168	224118	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	339561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	305279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	20401	11.844	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	23.680%#
35) Dibromofluoromethane	7.710	113	21026	11.359	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	22.720%#
50) Toluene-d8	10.179	98	80933	13.106	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	26.220%#
62) 4-Bromofluorobenzene	12.477	95	26359	10.713	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	21.420%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	21136	10.793	ug/l	100
3) Chloromethane	2.107	50	27902	11.306	ug/l	96
4) Vinyl Chloride	2.241	62	30925	11.346	ug/l	99
5) Bromomethane	2.644	94	21564	11.514	ug/l	100
6) Chloroethane	2.784	64	18238	11.166	ug/l	98
7) Trichlorofluoromethane	3.113	101	38829	10.824	ug/l	89
8) Diethyl Ether	3.521	74	12122	10.382	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.887	101	21867	10.764	ug/l	95
10) Methyl Iodide	4.082	142	27330	10.205	ug/l	# 87
11) Tert butyl alcohol	4.948	59	9266	38.823	ug/l	# 93
12) 1,1-Dichloroethene	3.863	96	20172	10.548	ug/l	87
13) Acrolein	3.717	56	2086	53.155	ug/l	95
14) Allyl chloride	4.466	41	31862	10.605	ug/l	# 92
15) Acrylonitrile	5.149	53	26707	46.844	ug/l	96
16) Acetone	3.942	43	23290	43.318	ug/l	91
17) Carbon Disulfide	4.180	76	65780	11.187	ug/l	98
18) Methyl Acetate	4.473	43	13553	8.594	ug/l	# 89
19) Methyl tert-butyl Ether	5.210	73	50392	9.562	ug/l	100
20) Methylene Chloride	4.704	84	58877	16.168	ug/l	# 82
21) trans-1,2-Dichloroethene	5.204	96	24028	10.741	ug/l	85
22) Diisopropyl ether	6.112	45	65709	10.201	ug/l	# 90
23) Vinyl Acetate	6.051	43	193215	48.576	ug/l	# 93
24) 1,1-Dichloroethane	6.003	63	39690	10.687	ug/l	96
25) 2-Butanone	6.984	43	34441	43.306	ug/l	# 86
26) 2,2-Dichloropropane	6.972	77	35660	10.097	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	25751	10.327	ug/l	86
28) Bromochloromethane	7.326	49	13285	9.842	ug/l	# 81
29) Tetrahydrofuran	7.344	42	22351	44.289	ug/l	# 88
30) Chloroform	7.502	83	40716	10.495	ug/l	95
31) Cyclohexane	7.777	56	38295	10.775	ug/l	# 81
32) 1,1,1-Trichloroethane	7.698	97	36062	10.308	ug/l	96
36) 1,1-Dichloropropene	7.911	75	32282	10.621	ug/l	97
37) Ethyl Acetate	7.070	43	16275	9.105	ug/l	# 92
38) Carbon Tetrachloride	7.893	117	34518	10.724	ug/l	95
39) Methylcyclohexane	9.179	83	37851	10.224	ug/l	90
40) Benzene	8.155	78	92937	10.427	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	21026	22.918	ug/l #	17
42) 1,2-Dichloroethane	8.234	62	25321	10.205	ug/l	91
43) Isopropyl Acetate	8.265	43	28967	9.237	ug/l #	92
44) Trichloroethene	8.935	130	26484	10.375	ug/l	98
45) 1,2-Dichloropropane	9.209	63	22072	10.179	ug/l	96
46) Dibromomethane	9.301	93	12775	9.792	ug/l	94
47) Bromodichloromethane	9.490	83	30416	10.222	ug/l	98
48) Methyl methacrylate	9.289	41	12406	8.998	ug/l #	87
49) 1,4-Dioxane	9.295	88	2782	164.064	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	74059	46.267	ug/l	93
52) Toluene	10.240	92	59497	10.691	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	30245	9.886	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	35301	10.018	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	18289	10.021	ug/l	97
56) Ethyl methacrylate	10.508	69	20573	9.012	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	29997	10.050	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.776	63	33965	34.137	ug/l	95
59) 2-Hexanone	10.831	43	49296	43.305	ug/l	91
60) Dibromochloromethane	10.977	129	22209	10.073	ug/l	99
61) 1,2-Dibromoethane	11.087	107	17679	9.949	ug/l	100
64) Tetrachloroethene	10.715	164	24919	10.400	ug/l	99
65) Chlorobenzene	11.514	112	64664	10.572	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	23111	10.166	ug/l	96
67) Ethyl Benzene	11.593	91	107511	10.156	ug/l	96
68) m/p-Xylenes	11.697	106	87677	20.727	ug/l	91
69) o-Xylene	12.026	106	40407	10.176	ug/l	88
70) Styrene	12.044	104	66223	9.929	ug/l	94
71) Bromoform	12.203	173	14395	9.874	ug/l #	100
73) Isopropylbenzene	12.325	105	105413	9.933	ug/l	99
74) N-amyl acetate	12.142	43	24534	8.710	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	20450	9.644	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	26081	17.024	ug/l #	100
77) Bromobenzene	12.605	156	26867	10.127	ug/l	88
78) n-propylbenzene	12.666	91	129294	10.226	ug/l	97
79) 2-Chlorotoluene	12.752	91	73286	10.291	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	88222	10.050	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	6946	9.222	ug/l	87
82) 4-Chlorotoluene	12.855	91	76491	10.254	ug/l	95
83) tert-Butylbenzene	13.075	119	78174	10.115	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	88509	10.202	ug/l	97
85) sec-Butylbenzene	13.251	105	117848	10.420	ug/l	98
86) p-Isopropyltoluene	13.367	119	98882	10.296	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	54635	10.461	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	55939	10.642	ug/l	98
89) n-Butylbenzene	13.696	91	88793	10.112	ug/l	98
90) Hexachloroethane	13.959	117	19202	10.208	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	48549	10.361	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3124	9.019	ug/l	75
93) 1,2,4-Trichlorobenzene	15.001	180	29430	9.945	ug/l	99
94) Hexachlorobutadiene	15.111	225	19125	10.764	ug/l	99
95) Naphthalene	15.233	128	49045	8.871	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	25418	9.915	ug/l	100

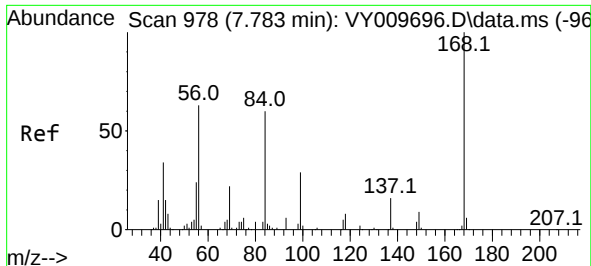
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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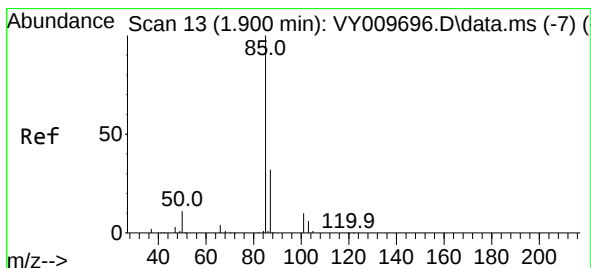
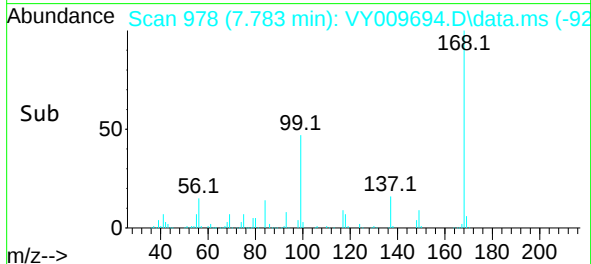
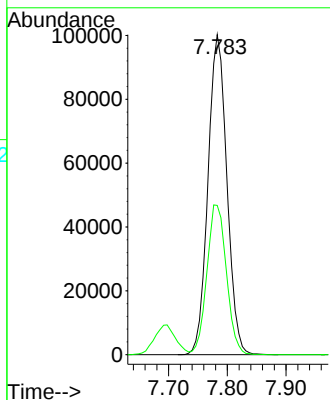
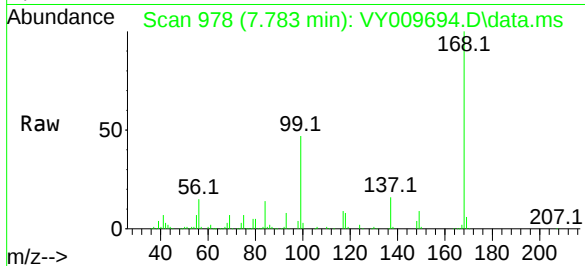
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009694.D
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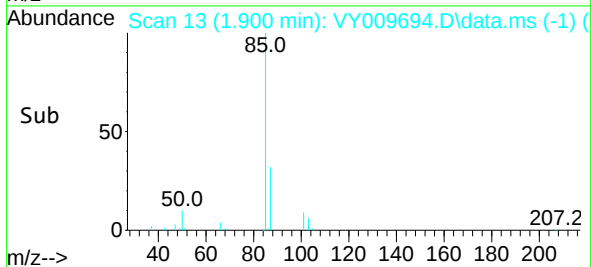
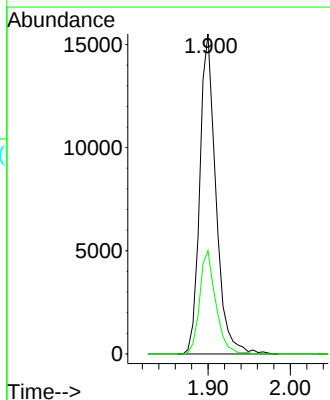
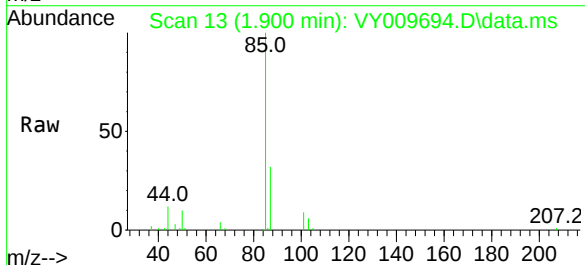
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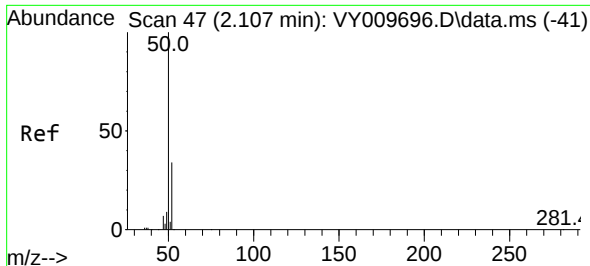
Tgt Ion:168 Resp: 224118
Ion Ratio Lower Upper
168 100
99 46.6 46.9 70.3#



#2
Dichlorodifluoromethane
Concen: 10.793 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

Tgt Ion: 85 Resp: 21136
Ion Ratio Lower Upper
85 100
87 32.2 16.1 48.2

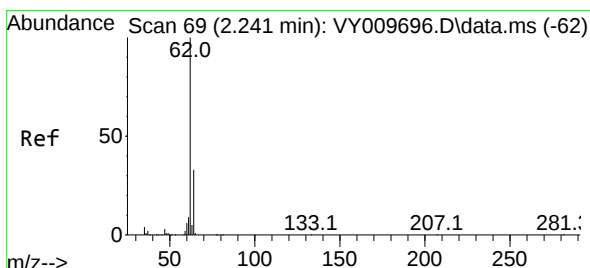
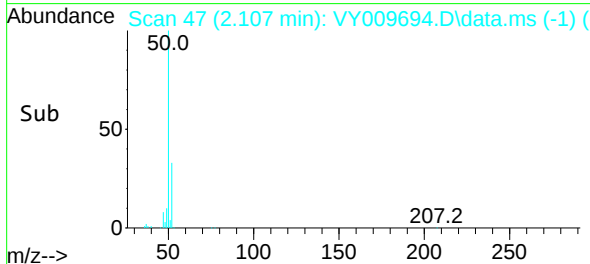
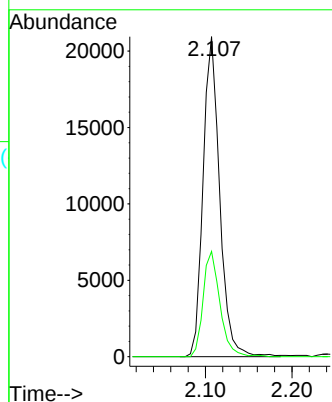
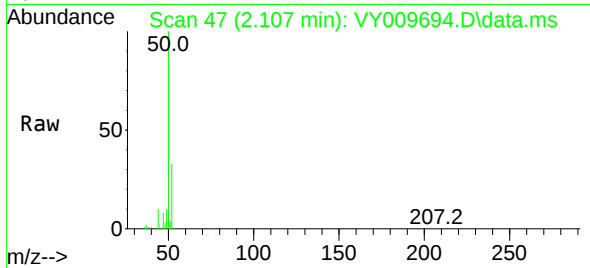




#3
Chloromethane
Concen: 11.306 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

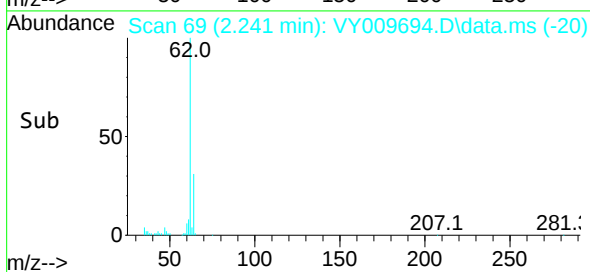
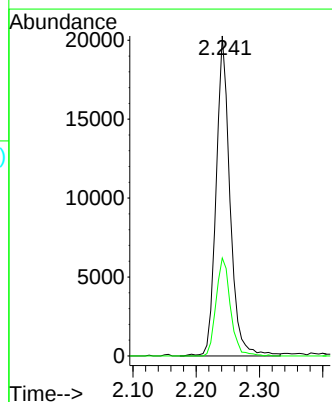
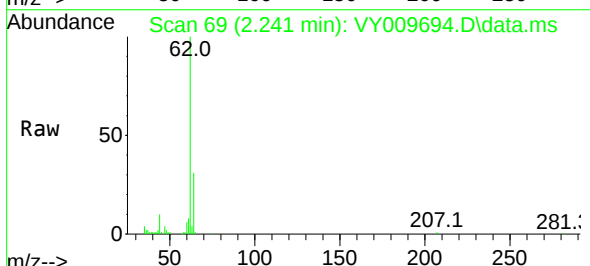
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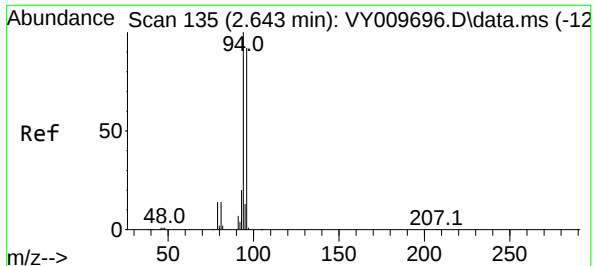
Tgt Ion: 50 Resp: 27902
Ion Ratio Lower Upper
50 100
52 32.9 24.6 37.0



#4
Vinyl Chloride
Concen: 11.346 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

Tgt Ion: 62 Resp: 30925
Ion Ratio Lower Upper
62 100
64 30.6 25.0 37.6

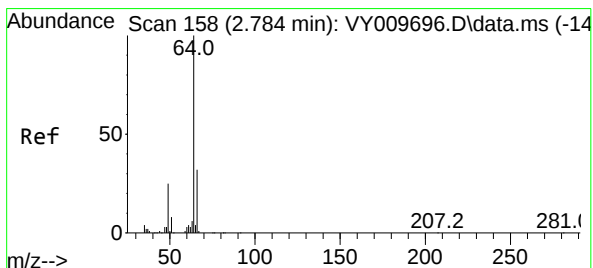
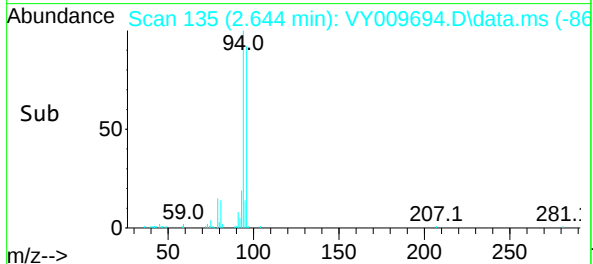
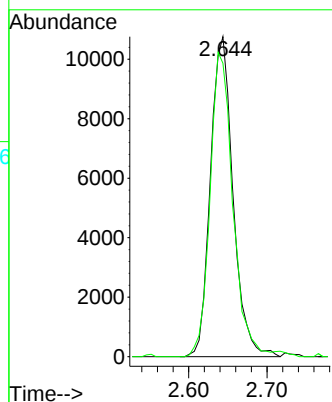
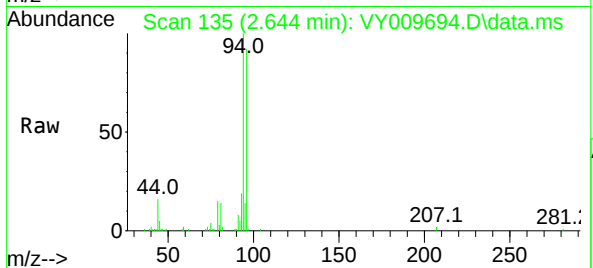




#5
Bromomethane
Concen: 11.514 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

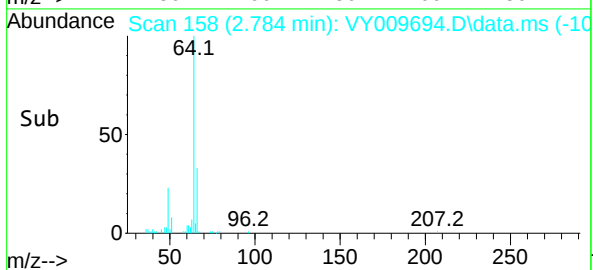
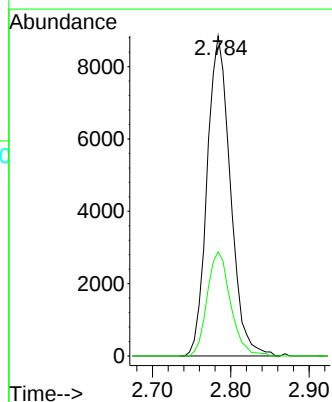
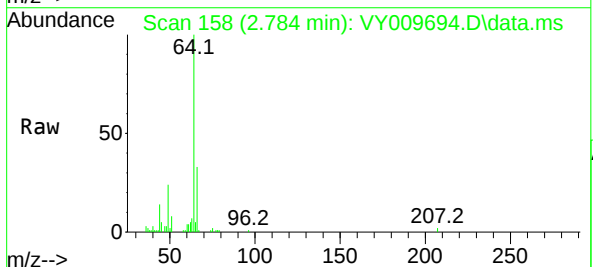
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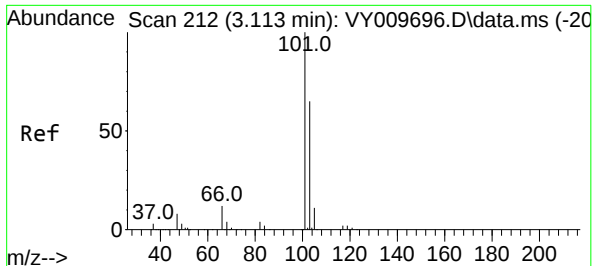
Tgt Ion: 94 Resp: 21564
Ion Ratio Lower Upper
94 100
96 91.7 73.5 110.3



#6
Chloroethane
Concen: 11.166 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

Tgt Ion: 64 Resp: 18238
Ion Ratio Lower Upper
64 100
66 32.6 25.4 38.0

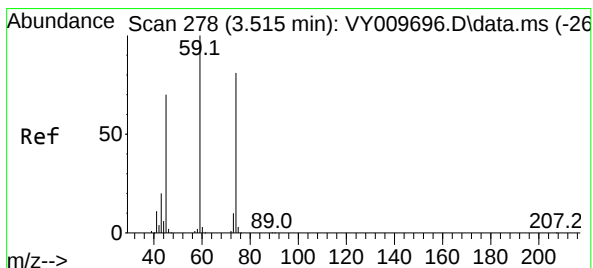
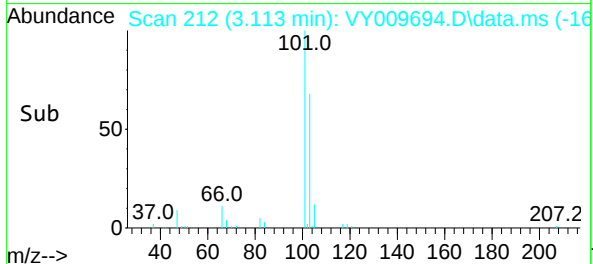
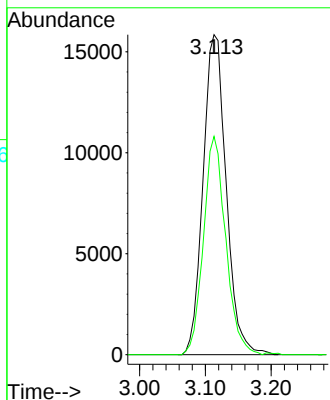
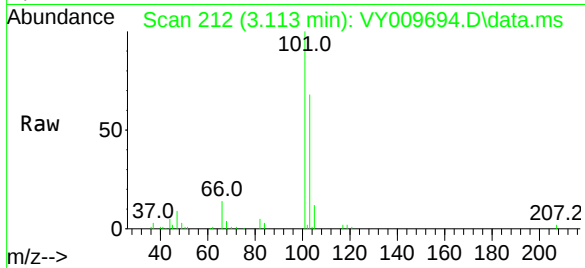




#7
 Trichlorofluoromethane
 Concen: 10.824 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VY009694.D
 Acq: 26 Jul 2022 12:04

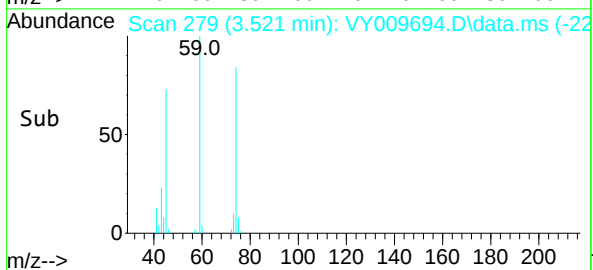
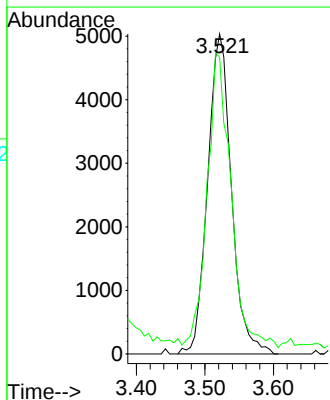
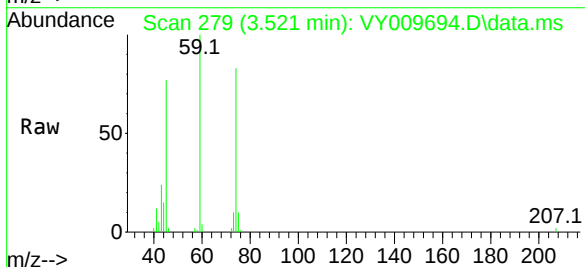
Instrument :
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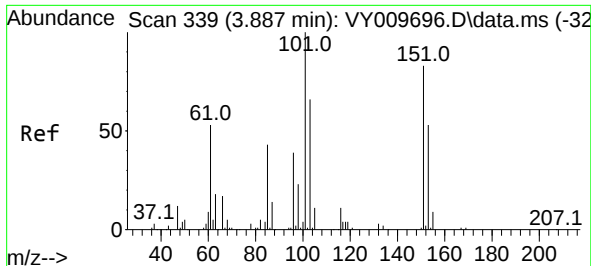
Tgt Ion:101 Resp: 38829
 Ion Ratio Lower Upper
 101 100
 103 68.2 48.0 72.0



#8
 Diethyl Ether
 Concen: 10.382 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.006 min
 Lab File: VY009694.D
 Acq: 26 Jul 2022 12:04

Tgt Ion: 74 Resp: 12122
 Ion Ratio Lower Upper
 74 100
 45 92.3 55.1 165.5

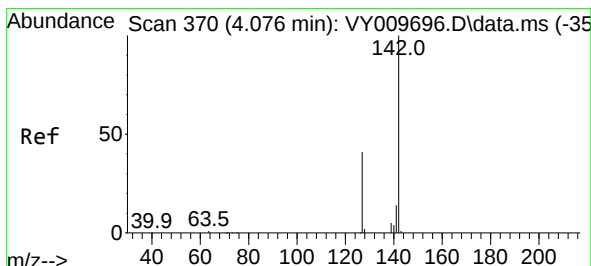
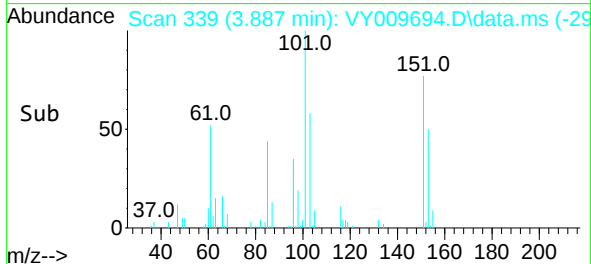
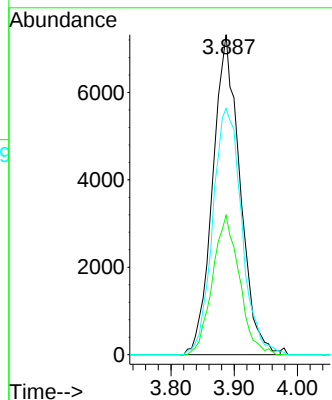
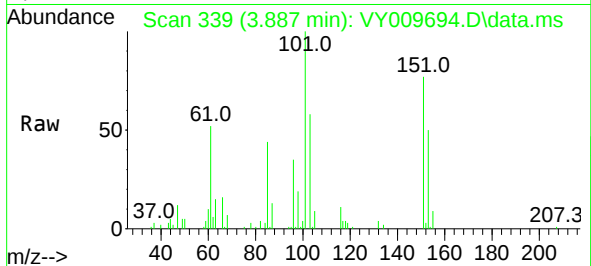




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.764 ug/l
RT: 3.887 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY009694.D
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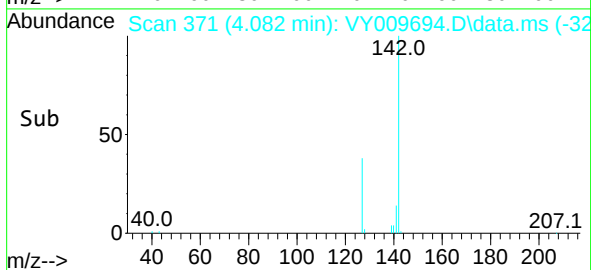
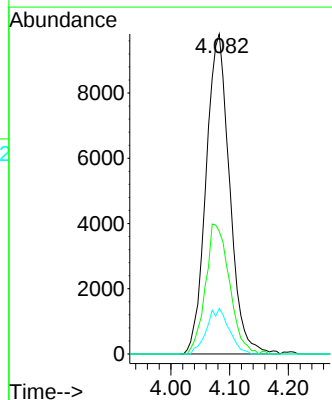
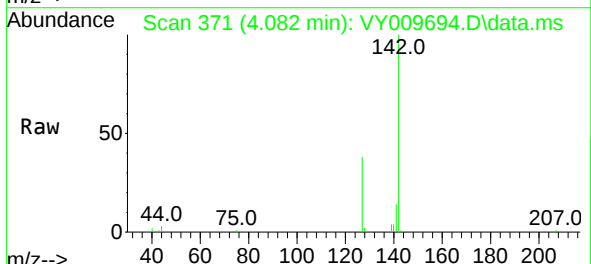
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

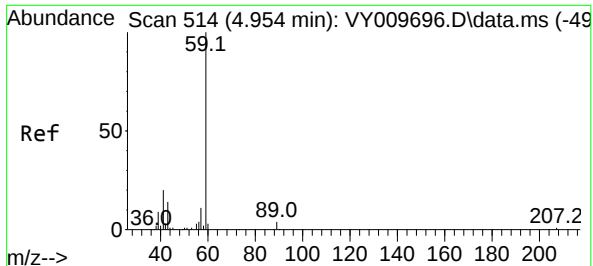
Tgt Ion:101 Resp: 21867
Ion Ratio Lower Upper
101 100
85 43.1 40.6 60.8
151 82.2 64.9 97.3



#10
Methyl Iodide
Concen: 10.205 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.006 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

Tgt Ion:142 Resp: 27330
Ion Ratio Lower Upper
142 100
127 41.2 41.5 62.3#
141 13.6 11.9 17.9

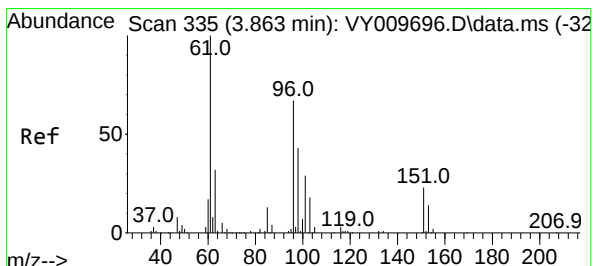
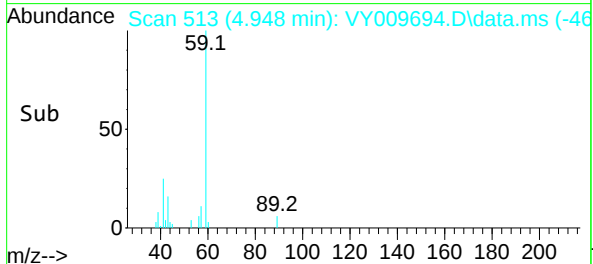
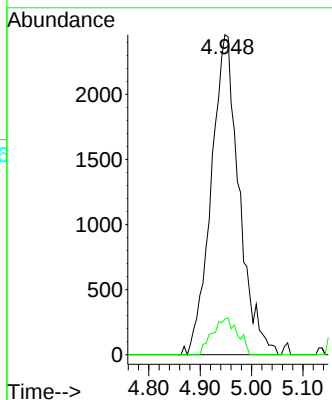
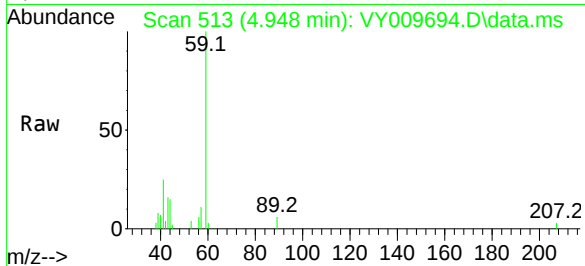




#11
Tert butyl alcohol
Concen: 38.823 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

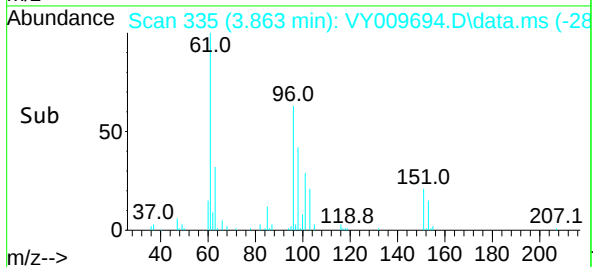
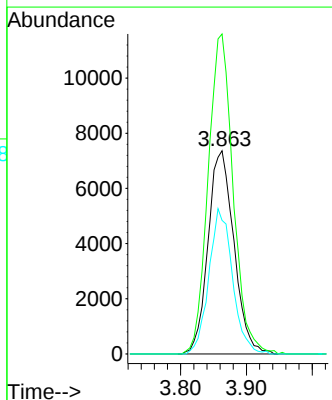
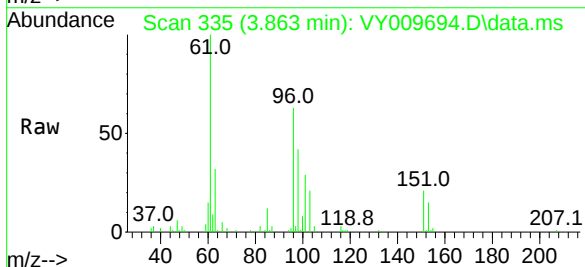
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

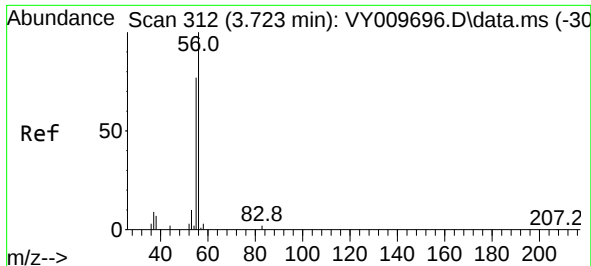
Tgt Ion: 59 Resp: 9266
Ion Ratio Lower Upper
59 100
57 10.3 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 10.548 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

Tgt Ion: 96 Resp: 20172
Ion Ratio Lower Upper
96 100
61 157.5 145.8 218.6
98 65.8 52.5 78.7





#13

Acrolein

Concen: 53.155 ug/l

RT: 3.717 min Scan# 311

Delta R.T. -0.006 min

Lab File: VY009694.D

Acq: 26 Jul 2022 12:04

Instrument :

MSVOA_Y

ClientSampleId :

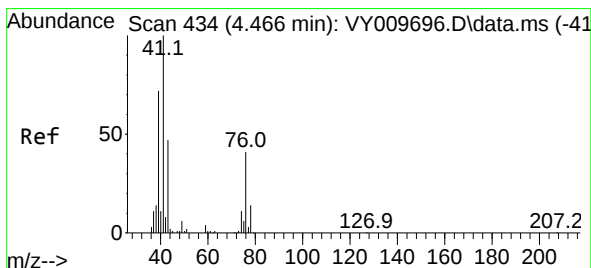
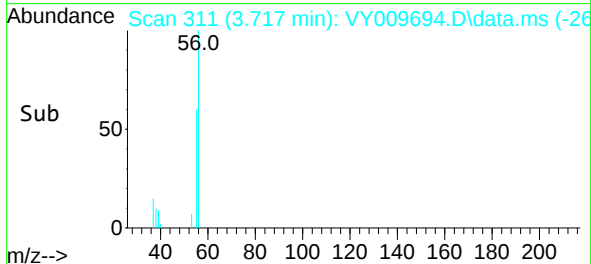
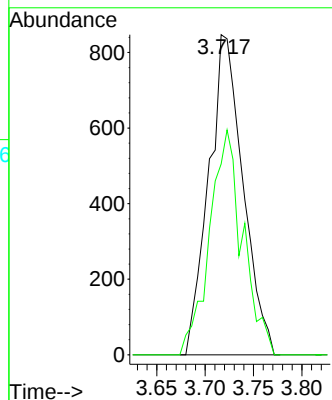
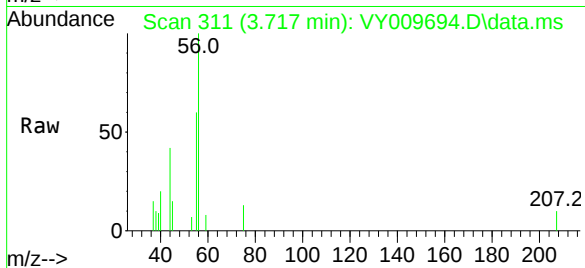
VSTDIC010

Tgt Ion: 56 Resp: 2086

Ion Ratio Lower Upper

56 100

55 67.8 57.6 86.4



#14

Allyl chloride

Concen: 10.605 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY009694.D

Acq: 26 Jul 2022 12:04

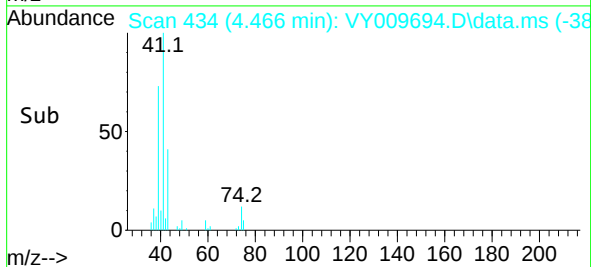
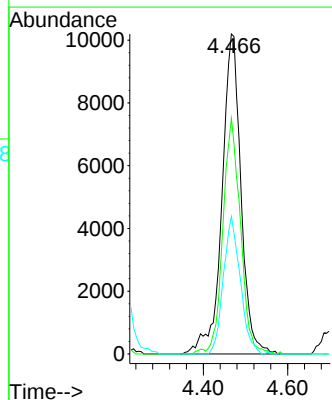
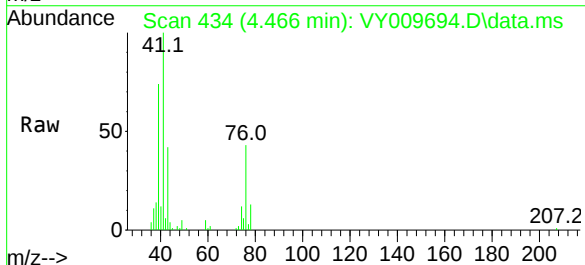
Tgt Ion: 41 Resp: 31862

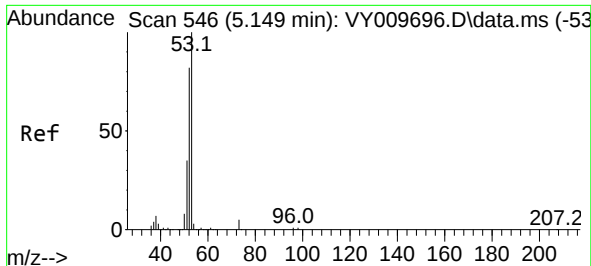
Ion Ratio Lower Upper

41 100

39 67.8 58.8 88.2

76 38.0 25.1 37.7#

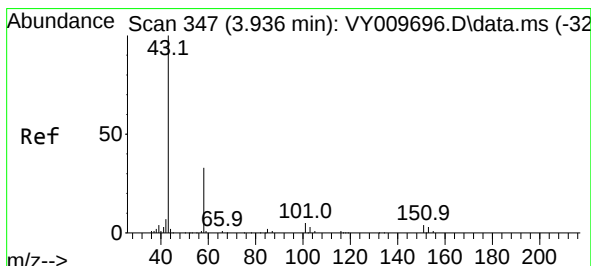
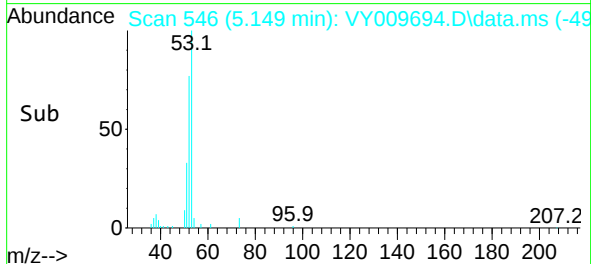
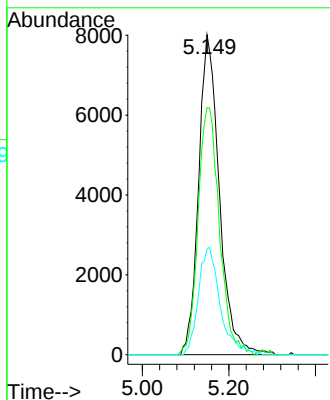
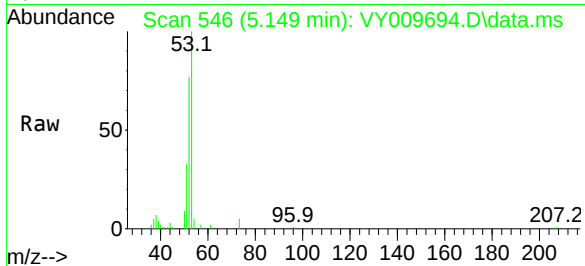




#15
Acrylonitrile
Concen: 46.844 ug/l
RT: 5.149 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

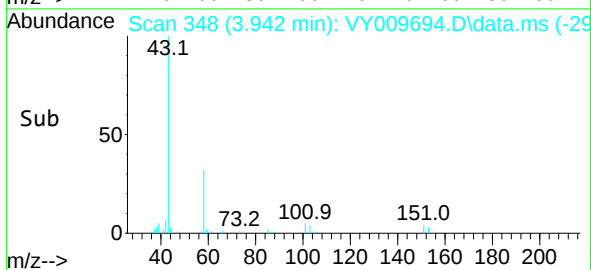
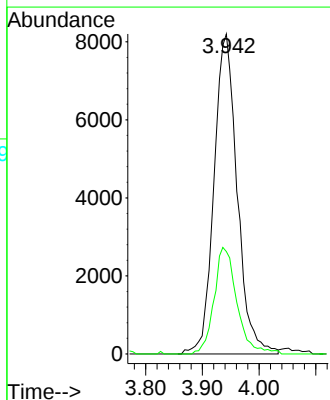
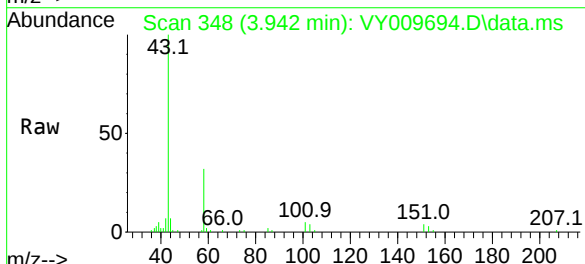
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

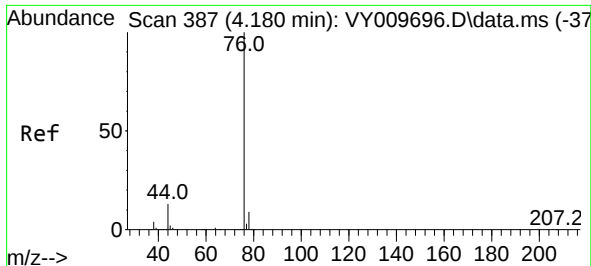
Tgt Ion: 53	Resp: 26707
Ion Ratio	Lower Upper
53 100	
52 79.2	67.0 100.4
51 35.3	29.8 44.6



#16
Acetone
Concen: 43.318 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

Tgt Ion: 43	Resp: 23290		
Ion Ratio	Lower	Upper	
43 100			
58 32.0	22.0	33.0	

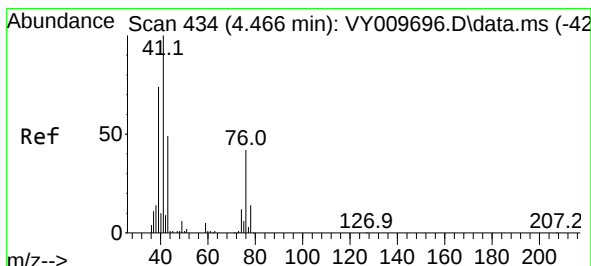
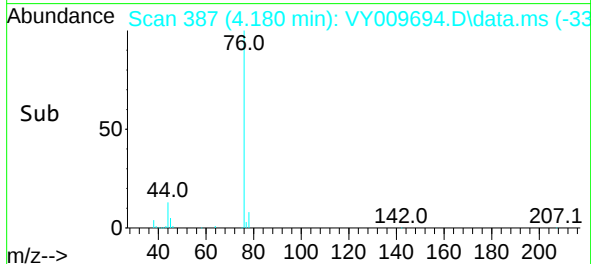
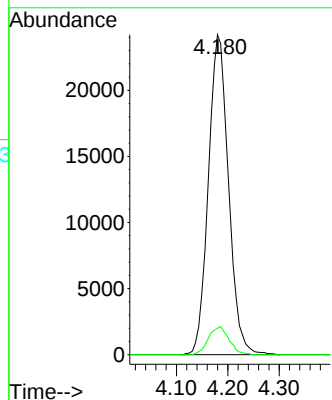
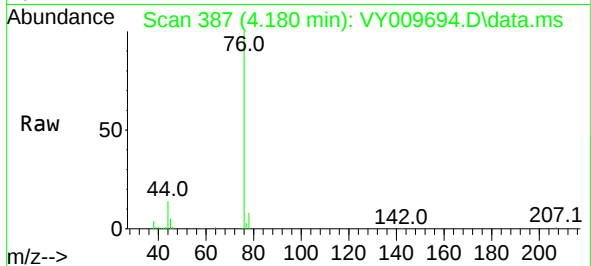




#17
Carbon Disulfide
Concen: 11.187 ug/l
RT: 4.180 min Scan# 387
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

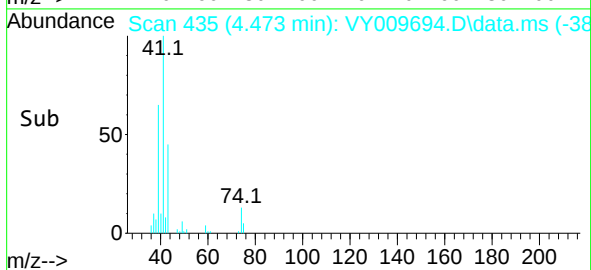
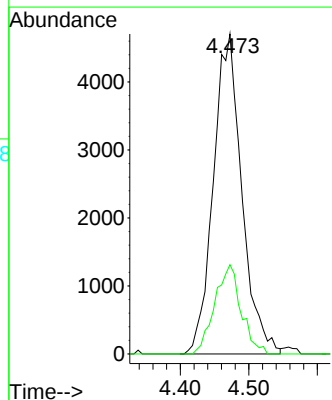
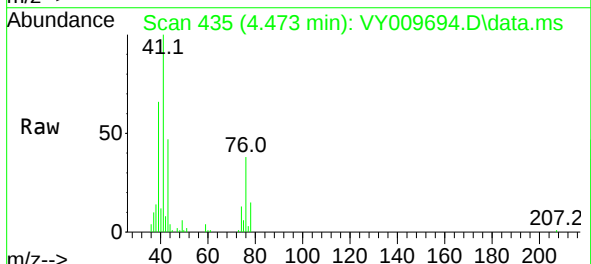
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

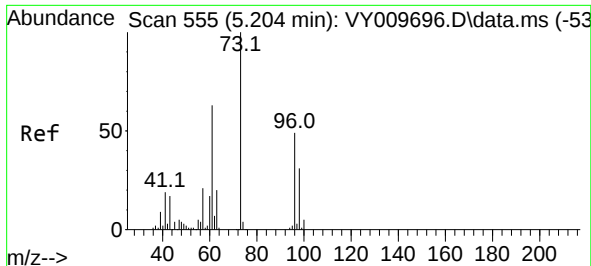
Tgt Ion: 76 Resp: 65780
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0



#18
Methyl Acetate
Concen: 8.594 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

Tgt Ion: 43 Resp: 13553
Ion Ratio Lower Upper
43 100
74 25.8 16.6 24.8#

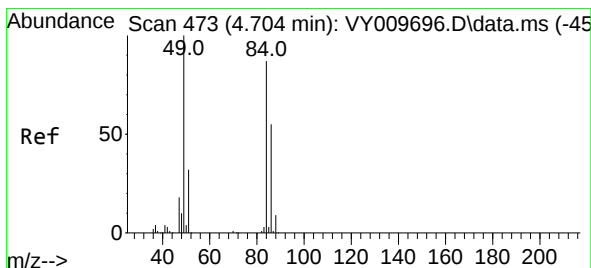
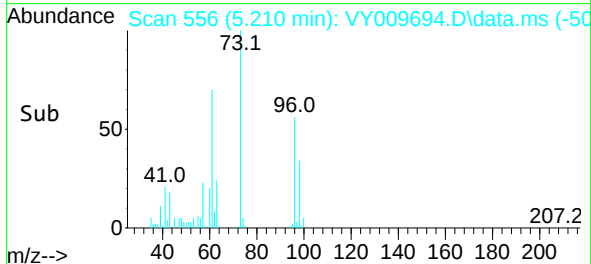
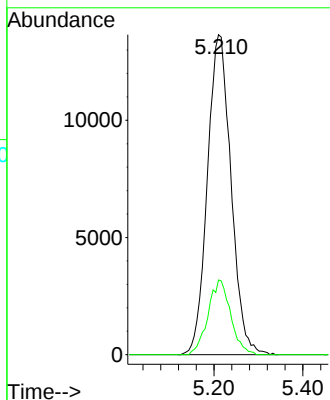
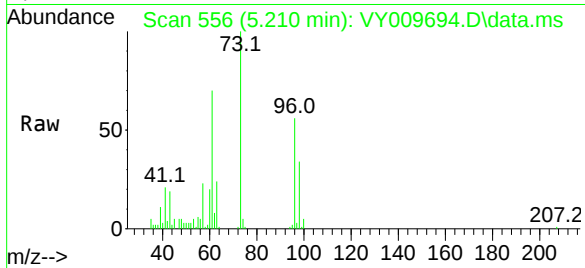




#19
Methyl tert-butyl Ether
Concen: 9.562 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

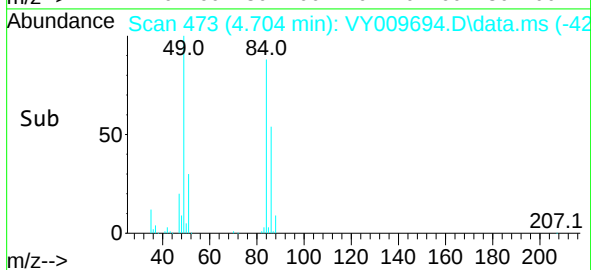
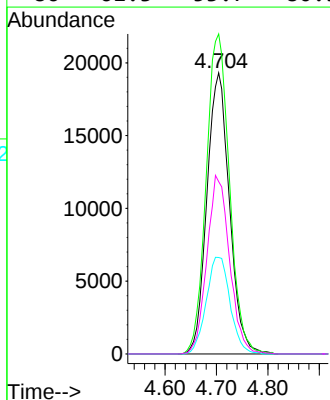
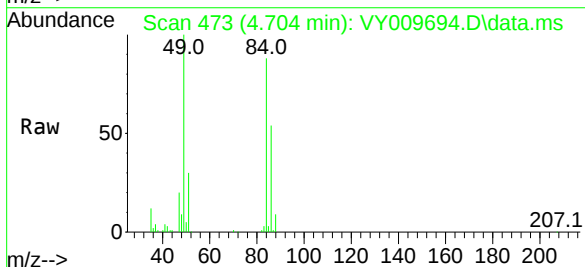
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

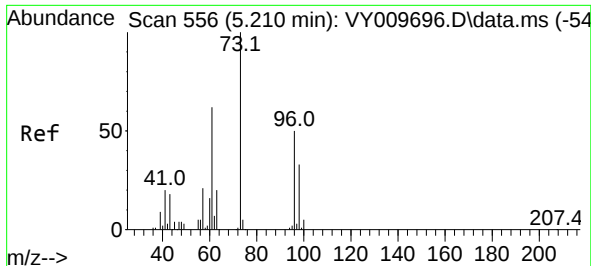
Tgt Ion: 73 Resp: 50392
Ion Ratio Lower Upper
73 100
57 23.3 18.6 27.8



#20
Methylene Chloride
Concen: 16.168 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

Tgt Ion: 84 Resp: 58877
Ion Ratio Lower Upper
84 100
49 113.8 114.4 171.6#
51 34.3 35.3 52.9#
86 61.3 53.7 80.5

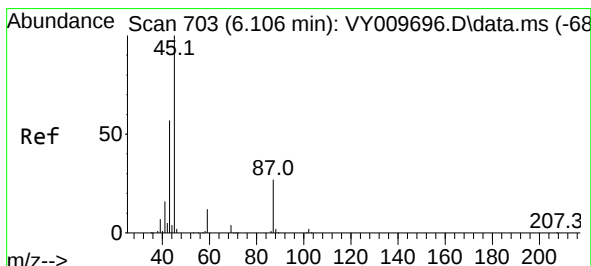
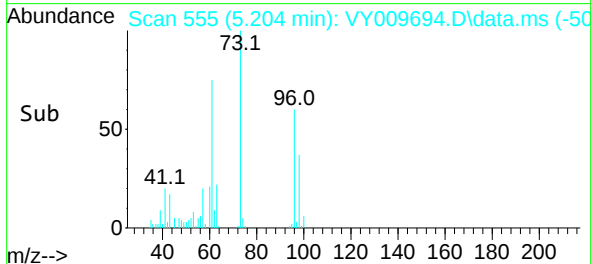
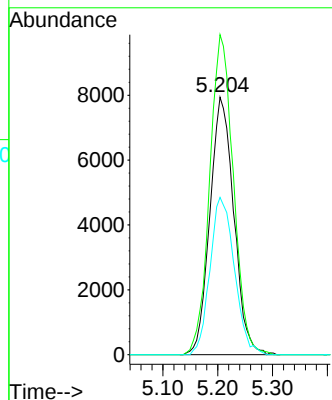
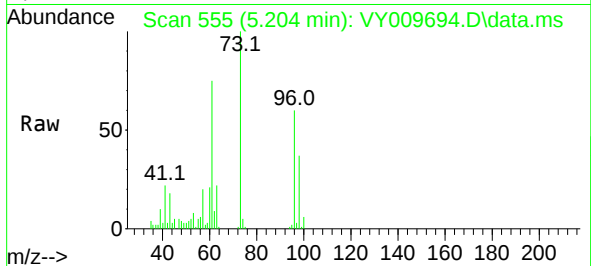




#21
trans-1,2-Dichloroethene
Concen: 10.741 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

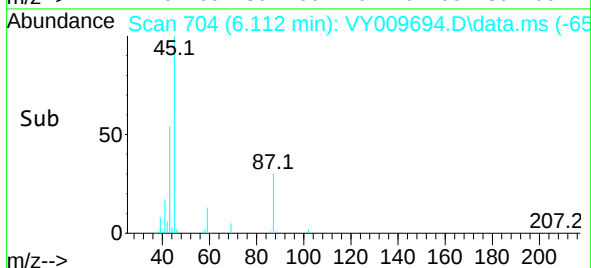
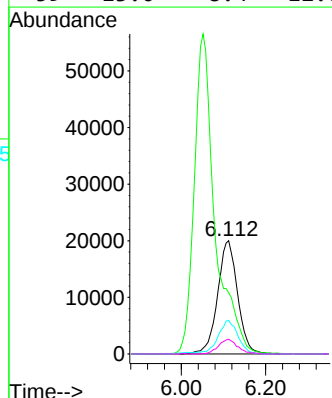
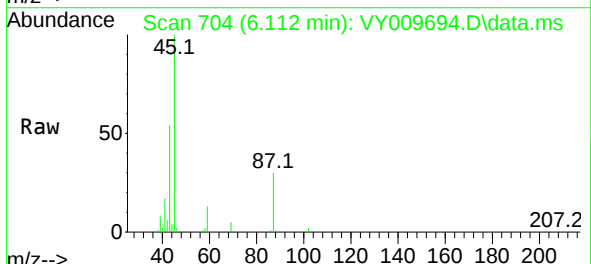
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

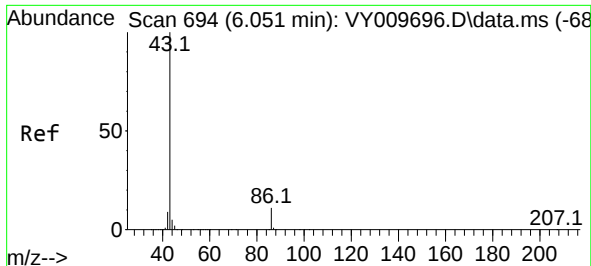
Tgt Ion: 96 Resp: 24028
Ion Ratio Lower Upper
96 100
61 124.3 120.5 180.7
98 61.1 49.8 74.8



#22
Diisopropyl ether
Concen: 10.201 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.006 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

Tgt Ion: 45 Resp: 65709
Ion Ratio Lower Upper
45 100
43 53.7 49.3 73.9
87 29.7 19.2 28.8#
59 13.0 8.4 12.6#

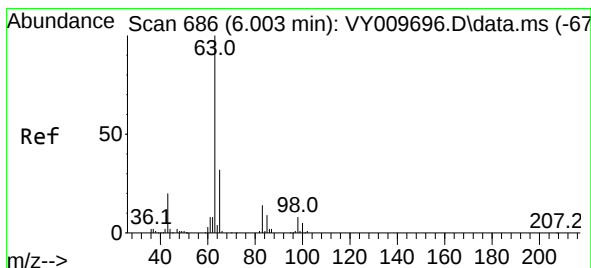
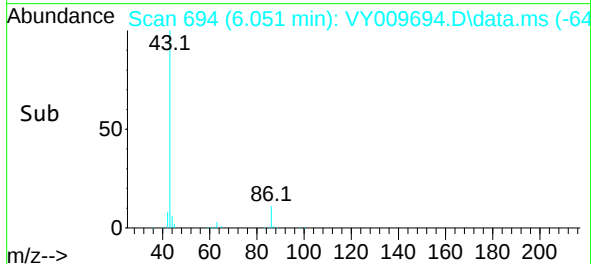
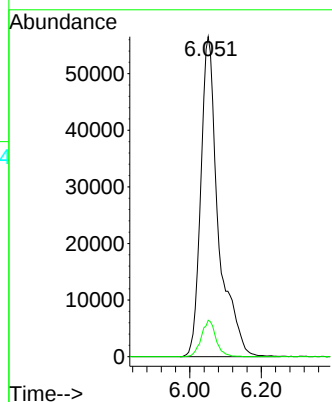
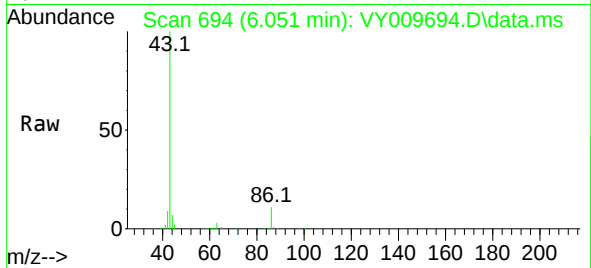




#23
 Vinyl Acetate
 Concen: 48.576 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY009694.D
 Acq: 26 Jul 2022 12:04

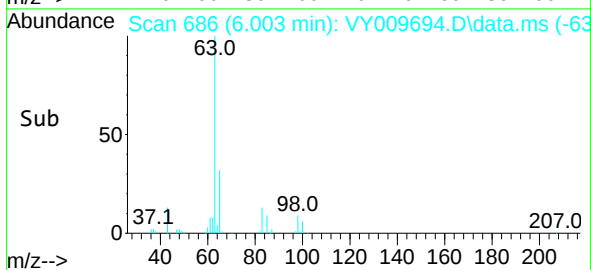
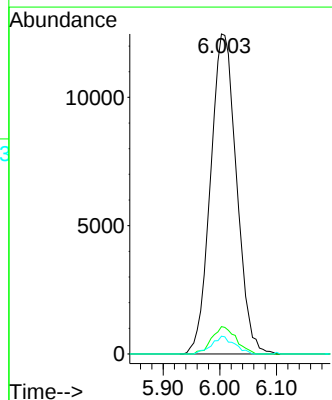
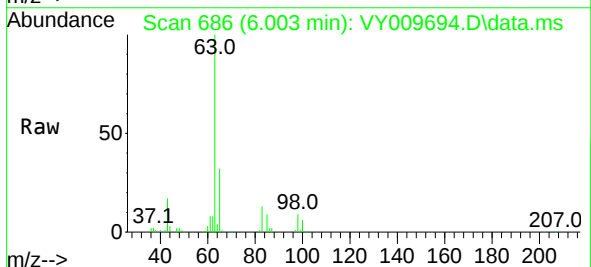
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

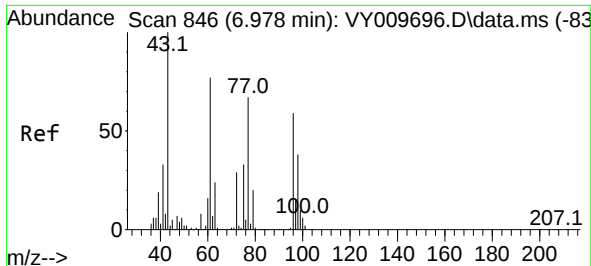
Tgt Ion: 43 Resp: 193215
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 10.687 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY009694.D
 Acq: 26 Jul 2022 12:04

Tgt Ion: 63 Resp: 39690
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.6 10.8
 100 5.6 2.0 5.8





#25

2-Butanone

Concen: 43.306 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY009694.D

Acq: 26 Jul 2022 12:04

Instrument :

MSVOA_Y

ClientSampleId :

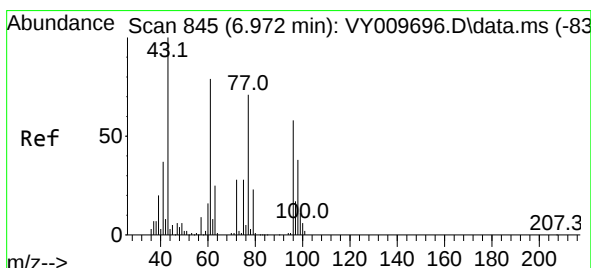
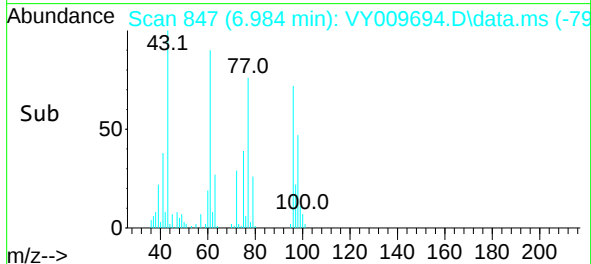
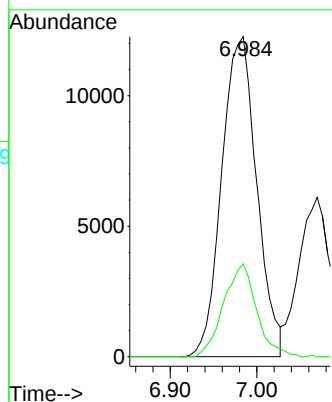
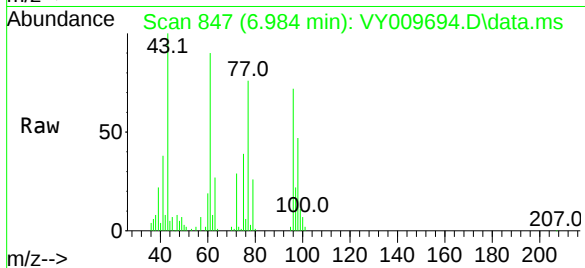
VSTDIC010

Tgt Ion: 43 Resp: 34441

Ion Ratio Lower Upper

43 100

72 29.0 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 10.097 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009694.D

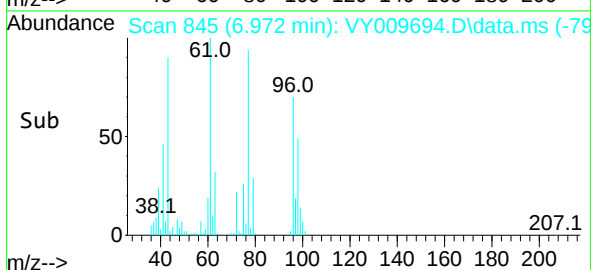
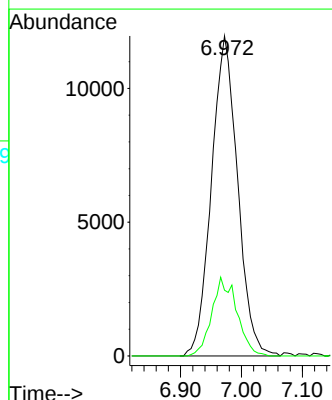
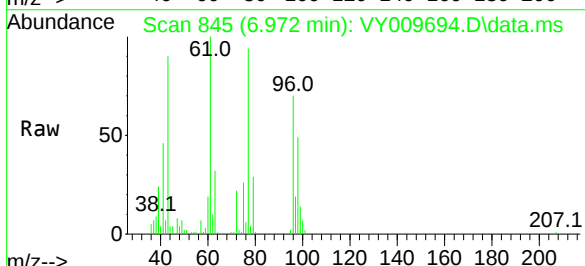
Acq: 26 Jul 2022 12:04

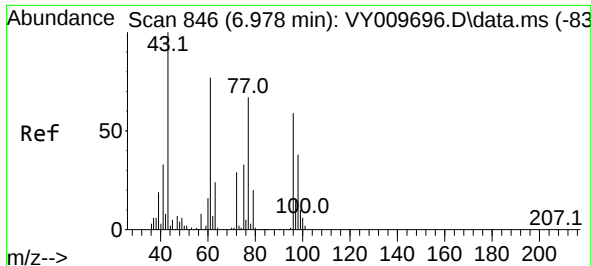
Tgt Ion: 77 Resp: 35660

Ion Ratio Lower Upper

77 100

97 23.5 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 10.327 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009694.D

Acq: 26 Jul 2022 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

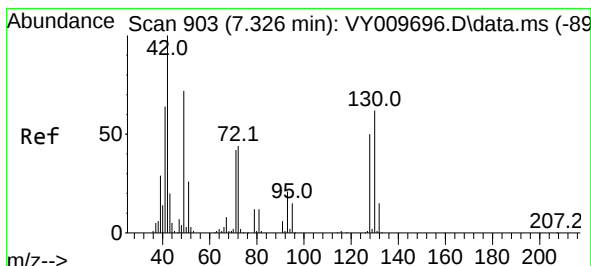
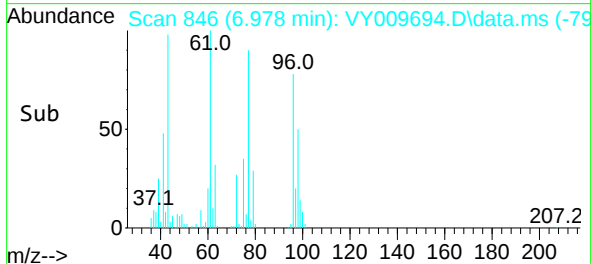
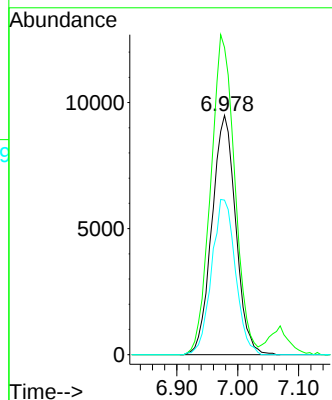
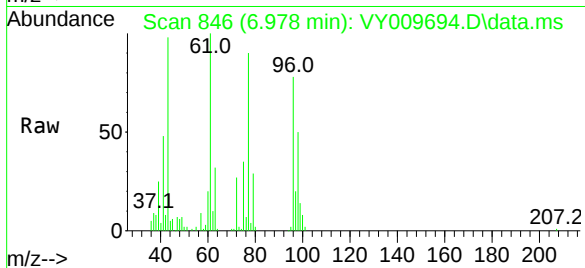
Tgt Ion: 96 Resp: 25751

Ion Ratio Lower Upper

96 100

61 134.8 0.0 319.8

98 64.9 0.0 127.0



#28

Bromochloromethane

Concen: 9.842 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.000 min

Lab File: VY009694.D

Acq: 26 Jul 2022 12:04

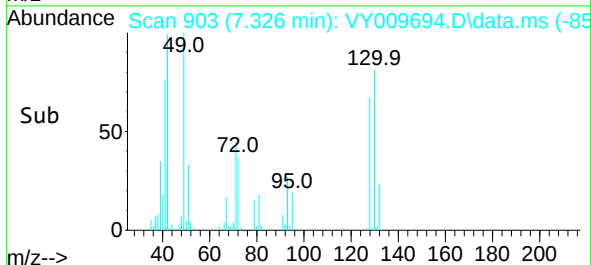
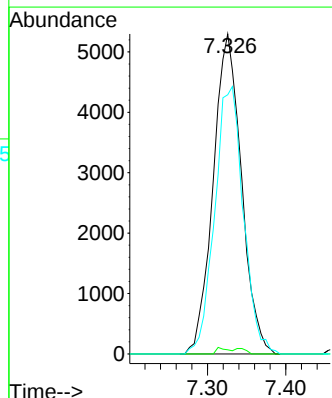
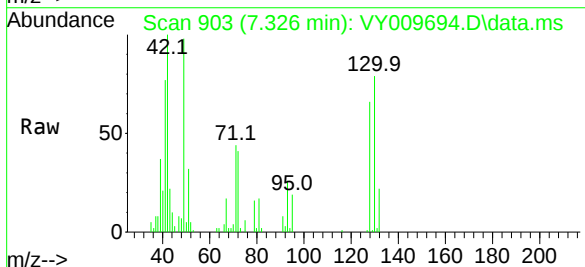
Tgt Ion: 49 Resp: 13285

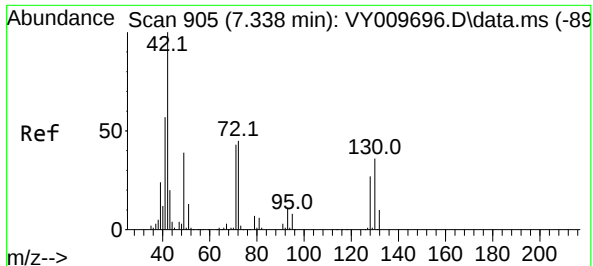
Ion Ratio Lower Upper

49 100

129 0.6 0.0 2.2

130 84.7 55.4 83.0#





#29

Tetrahydrofuran

Concen: 44.289 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY009694.D

Acq: 26 Jul 2022 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

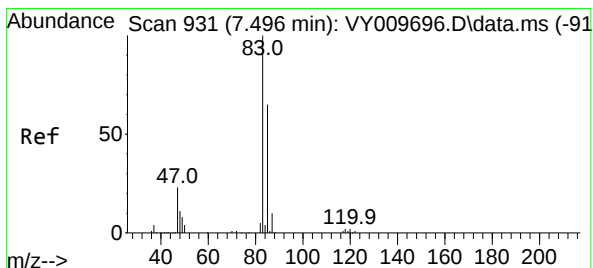
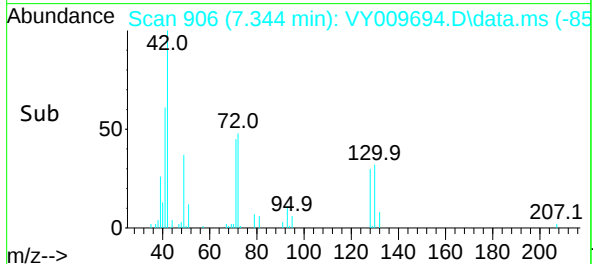
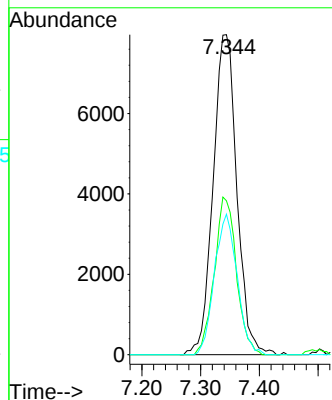
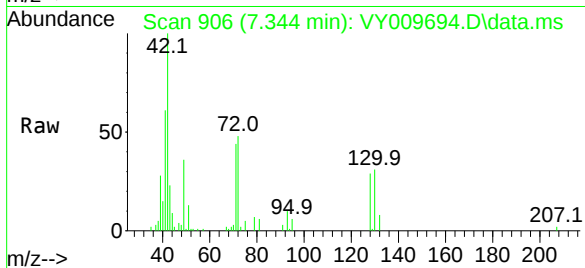
Tgt Ion: 42 Resp: 22351

Ion Ratio Lower Upper

42 100

72 45.8 30.3 45.5#

71 42.1 29.0 43.4



#30

Chloroform

Concen: 10.495 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.006 min

Lab File: VY009694.D

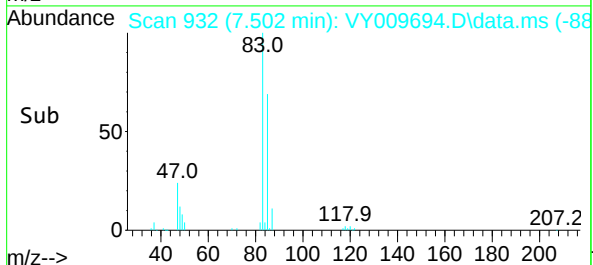
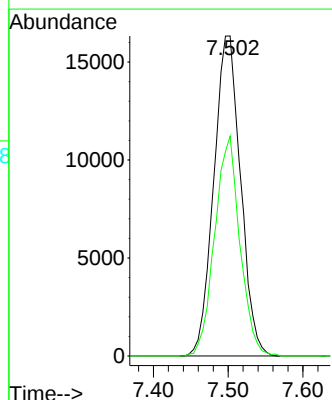
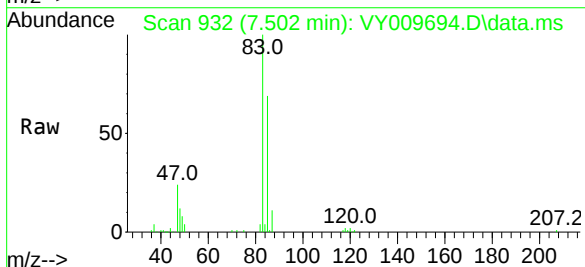
Acq: 26 Jul 2022 12:04

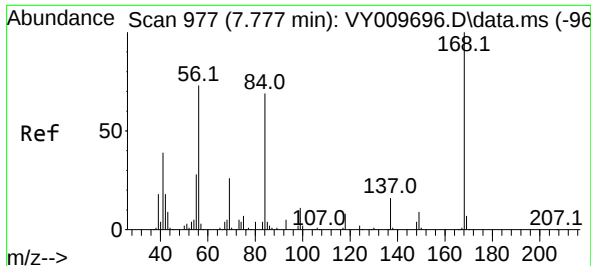
Tgt Ion: 83 Resp: 40716

Ion Ratio Lower Upper

83 100

85 68.7 51.8 77.6

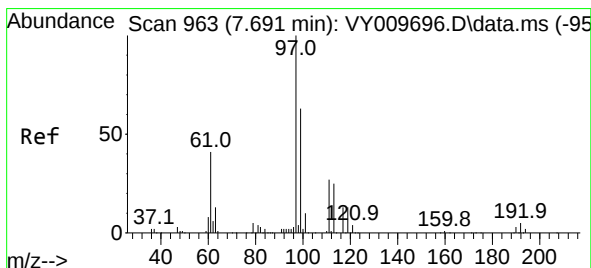
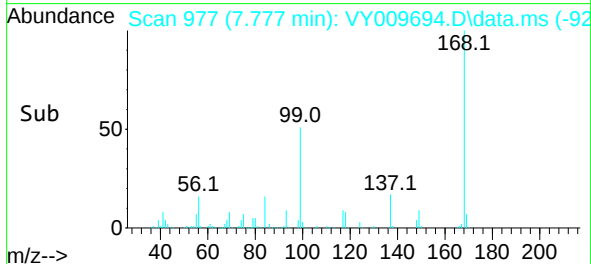
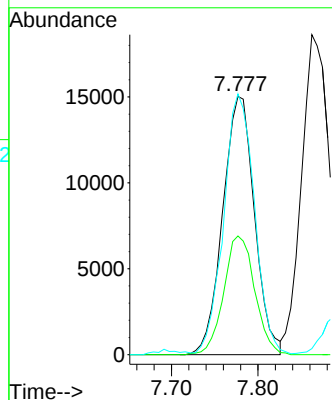
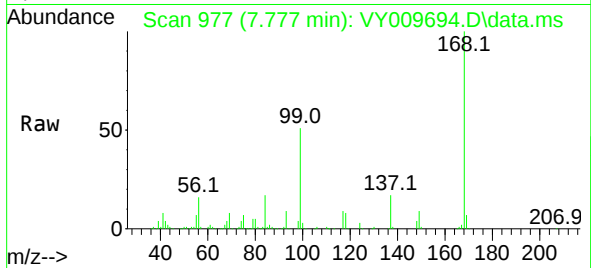




#31
Cyclohexane
Concen: 10.775 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

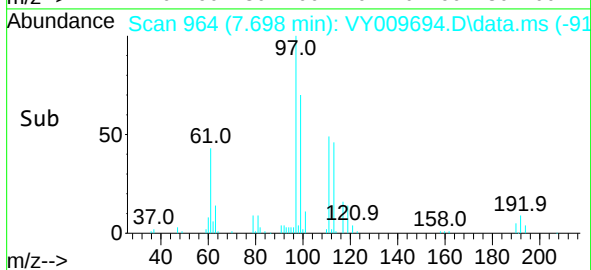
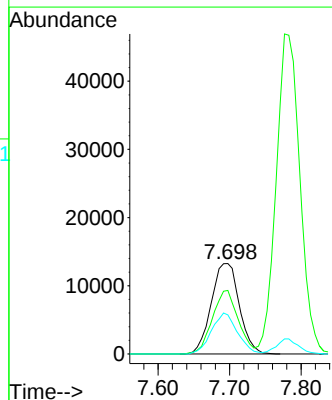
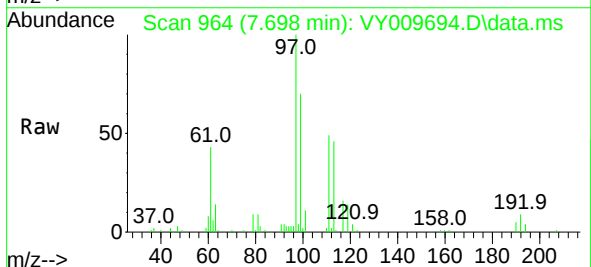
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

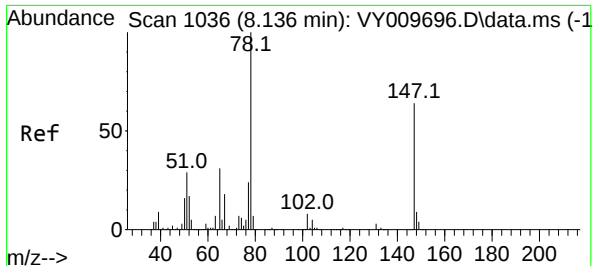
Tgt Ion: 56 Resp: 38295
Ion Ratio Lower Upper
56 100
69 45.9 26.7 40.1#
84 100.1 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 10.308 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.006 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

Tgt Ion: 97 Resp: 36062
Ion Ratio Lower Upper
97 100
99 65.0 50.7 76.1
61 42.2 37.6 56.4

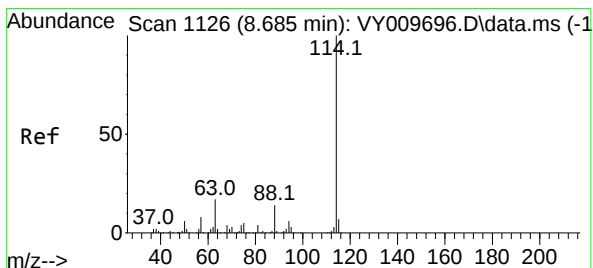
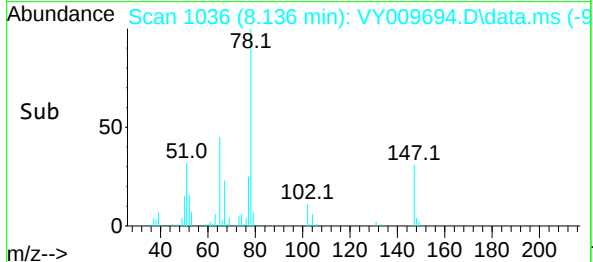
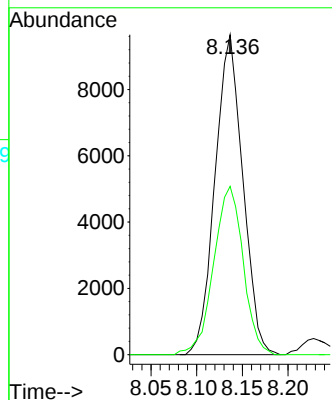
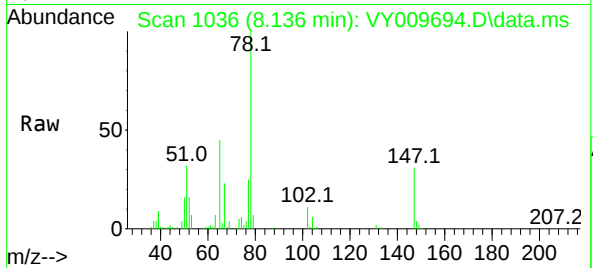




#33
 1,2-Dichloroethane-d4
 Concen: 11.844 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY009694.D
 Acq: 26 Jul 2022 12:04

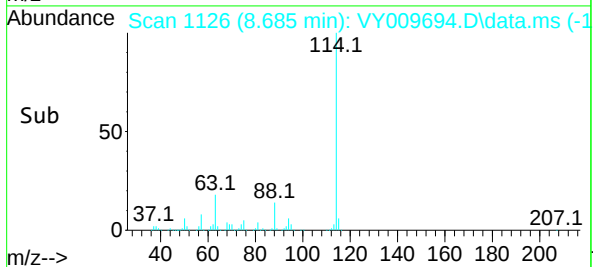
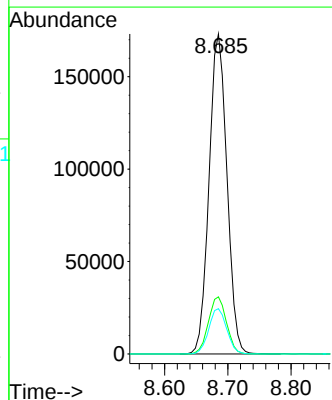
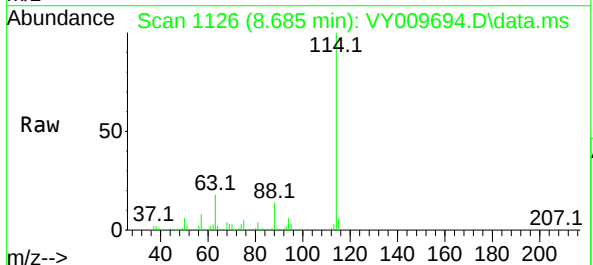
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

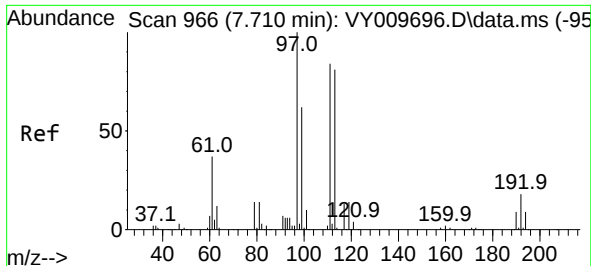
Tgt Ion: 65 Resp: 20401
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009694.D
 Acq: 26 Jul 2022 12:04

Tgt Ion: 114 Resp: 339561
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 43.2
 88 14.2 0.0 31.8

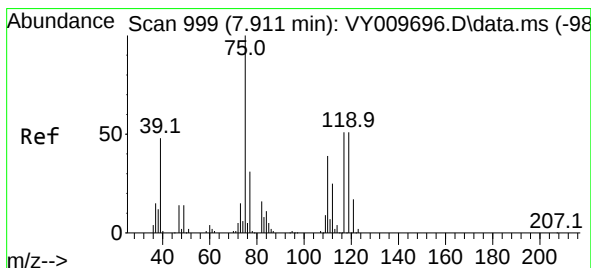
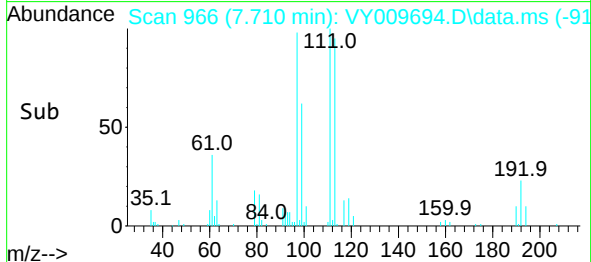
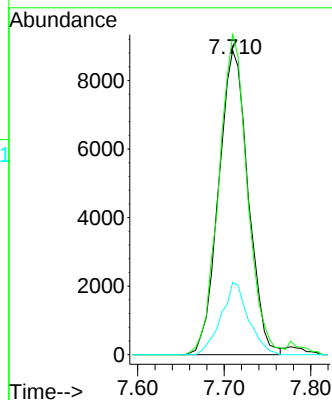
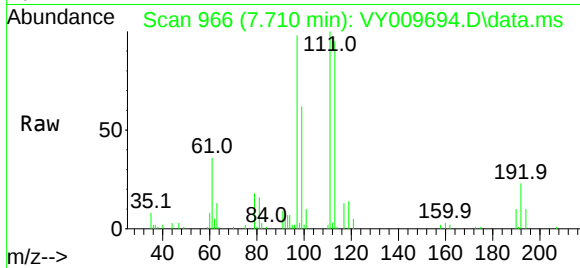




#35
Dibromofluoromethane
Concen: 11.359 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

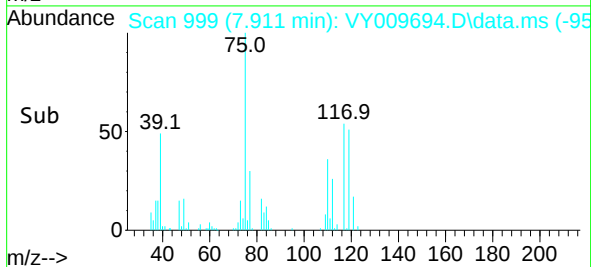
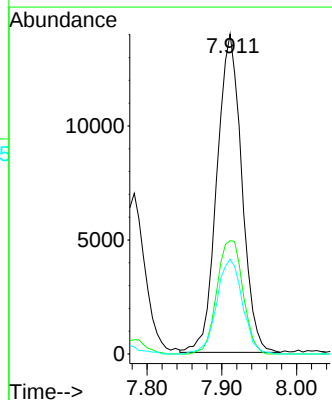
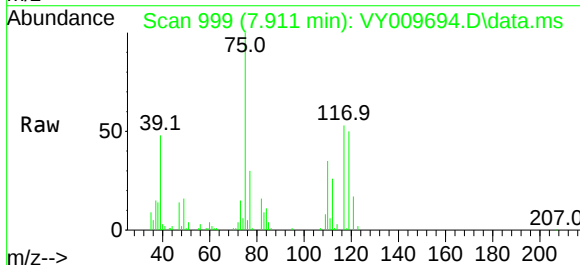
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

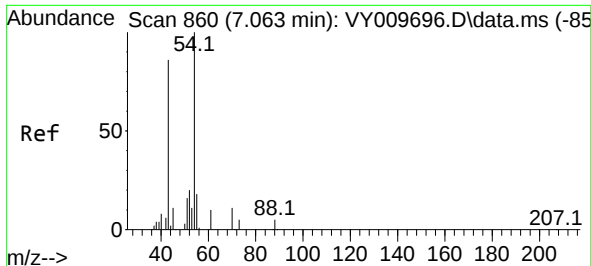
Tgt Ion:113 Resp: 21026
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 22.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 10.621 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

Tgt Ion: 75 Resp: 32282
Ion Ratio Lower Upper
75 100
110 37.3 17.1 51.2
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 9.105 ug/l

RT: 7.070 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY009694.D

Acq: 26 Jul 2022 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

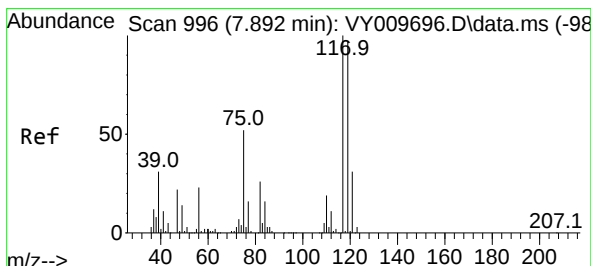
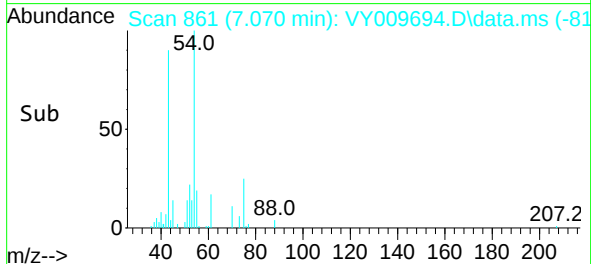
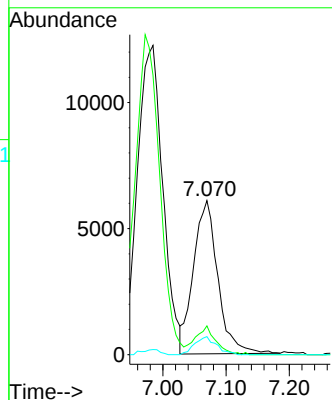
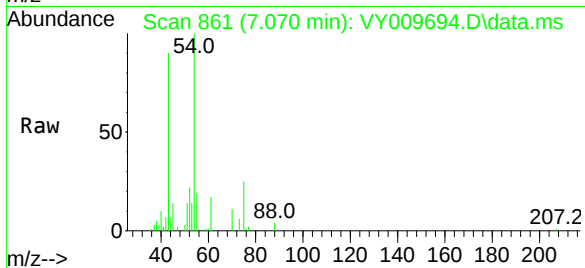
Tgt Ion: 43 Resp: 16275

Ion Ratio Lower Upper

43 100

61 16.0 9.7 14.5#

70 10.5 7.1 10.7



#38

Carbon Tetrachloride

Concen: 10.724 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY009694.D

Acq: 26 Jul 2022 12:04

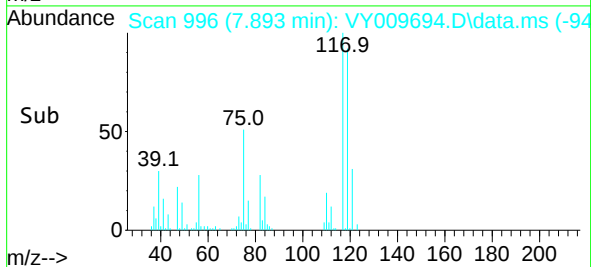
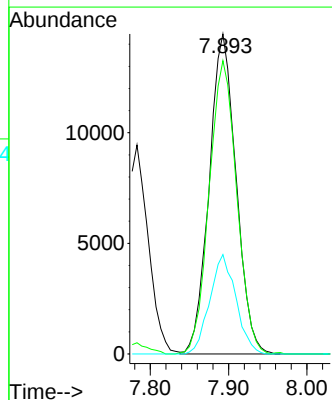
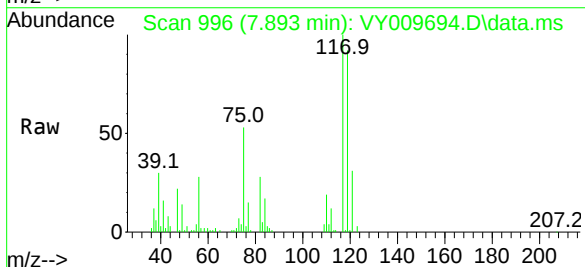
Tgt Ion: 117 Resp: 34518

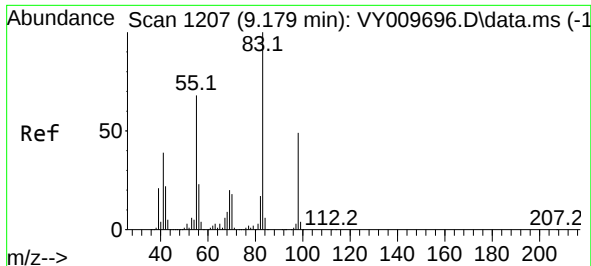
Ion Ratio Lower Upper

117 100

119 91.3 77.9 116.9

121 31.0 24.8 37.2





#39

Methylcyclohexane

Concen: 10.224 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009694.D

Acq: 26 Jul 2022 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

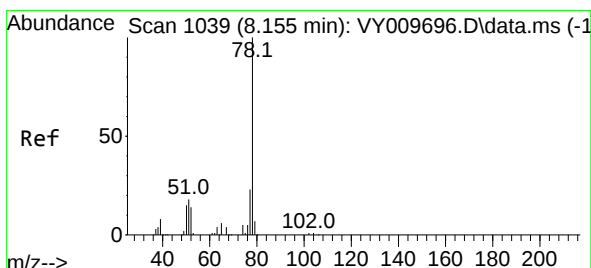
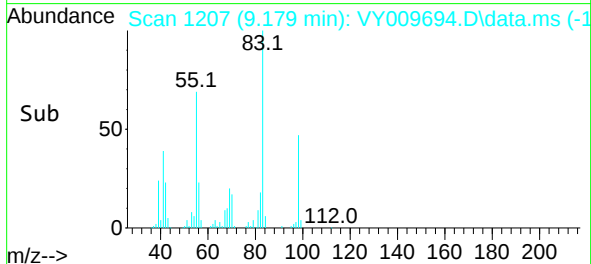
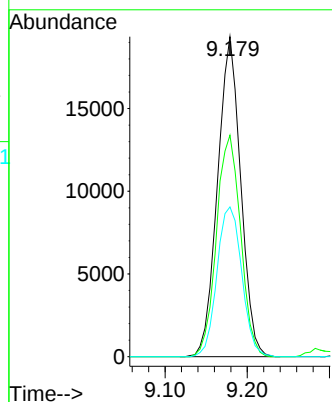
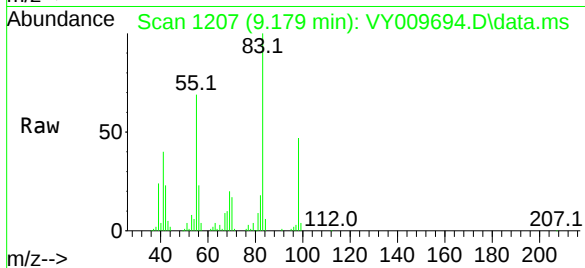
Tgt Ion: 83 Resp: 37851

Ion Ratio Lower Upper

83 100

55 69.2 66.5 99.7

98 46.8 37.9 56.9



#40

Benzene

Concen: 10.427 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY009694.D

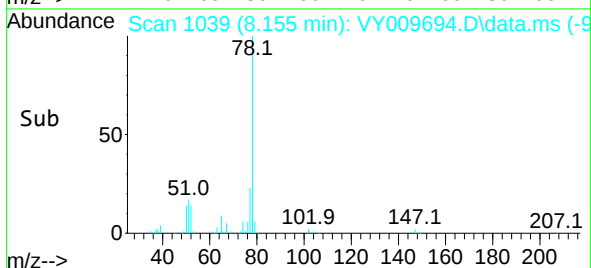
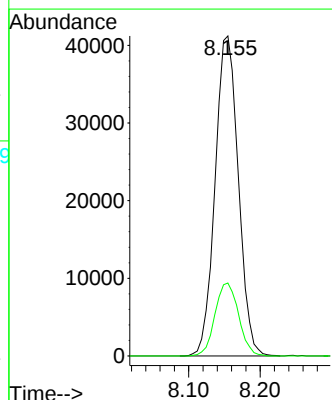
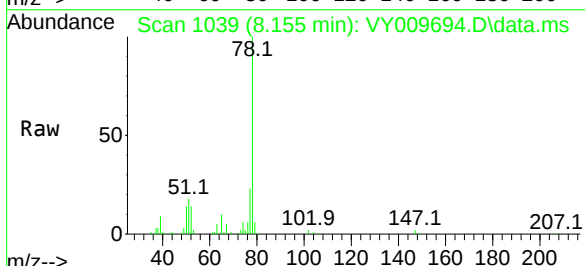
Acq: 26 Jul 2022 12:04

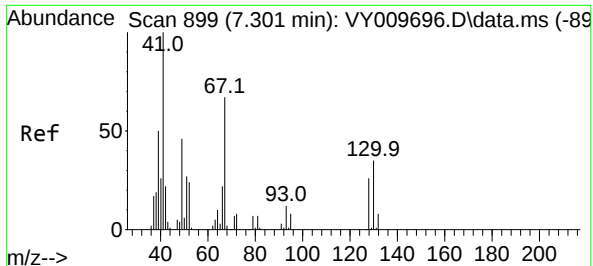
Tgt Ion: 78 Resp: 92937

Ion Ratio Lower Upper

78 100

77 22.8 20.4 30.6

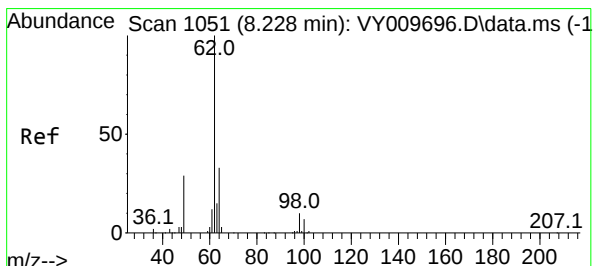
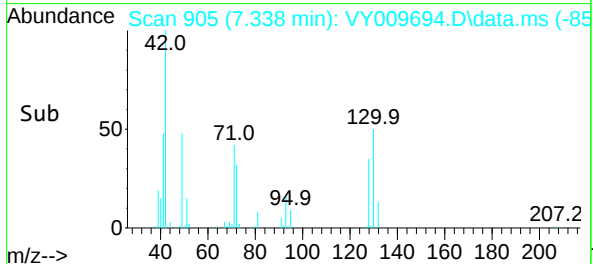
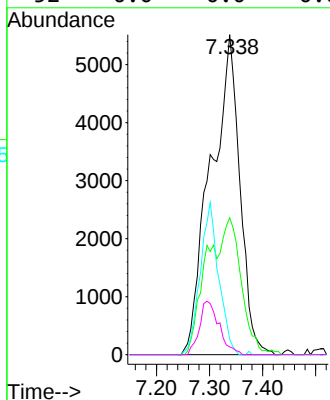
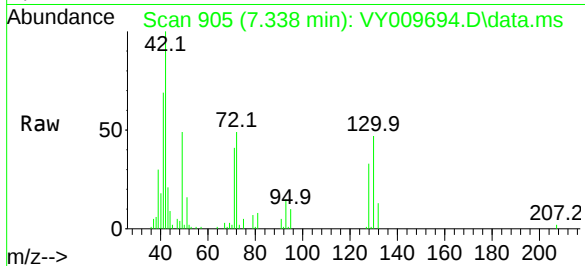




#41
Methacrylonitrile
Concen: 22.918 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.037 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

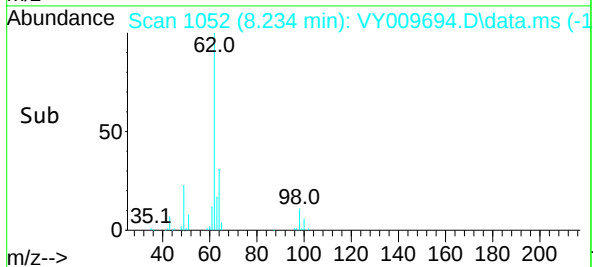
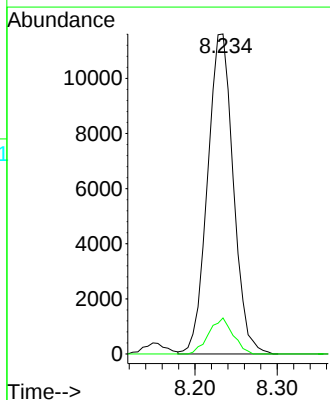
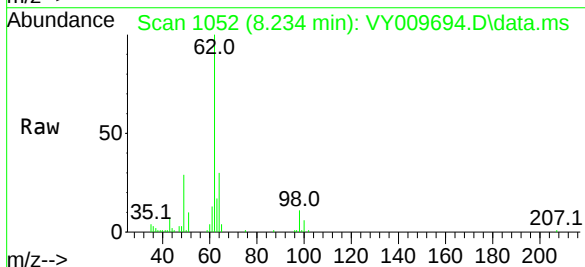
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

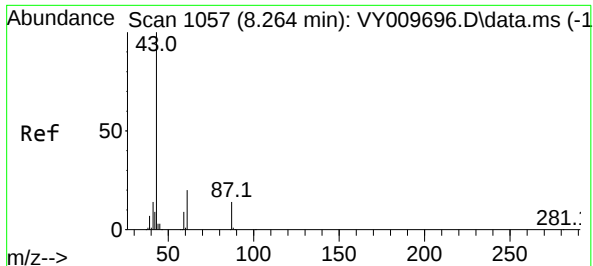
Tgt Ion: 41 Resp: 21026
Ion Ratio Lower Upper
41 100
39 26.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 10.205 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

Tgt Ion: 62 Resp: 25321
Ion Ratio Lower Upper
62 100
98 10.5 0.0 14.8

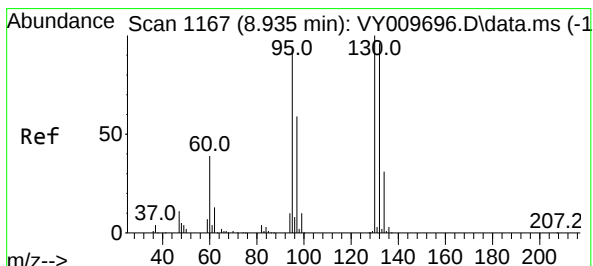
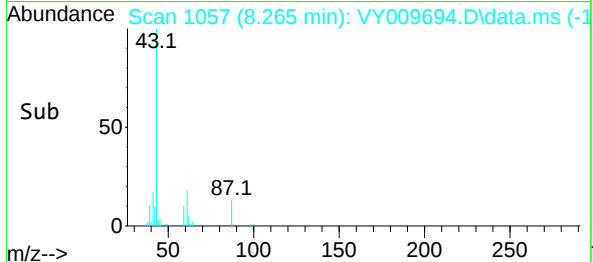
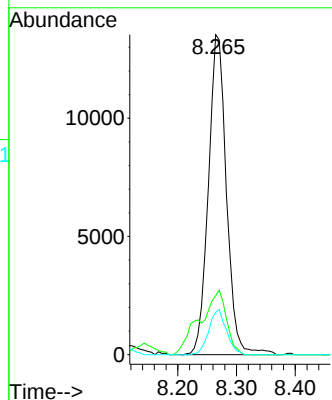
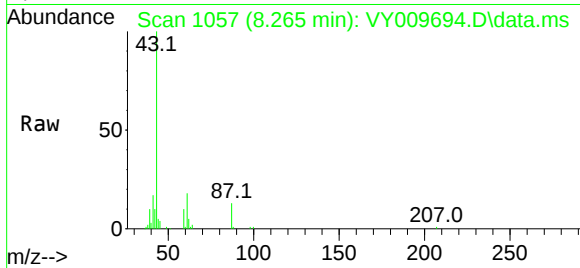




#43
Isopropyl Acetate
Concen: 9.237 ug/l
RT: 8.265 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

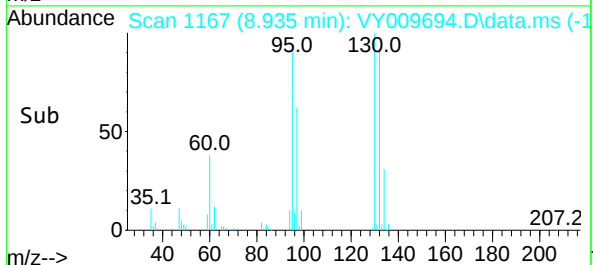
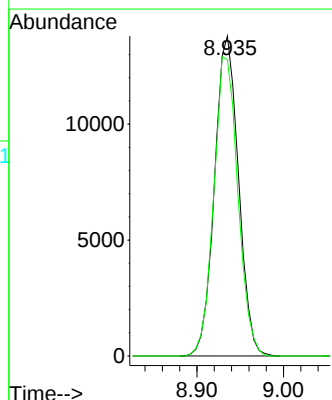
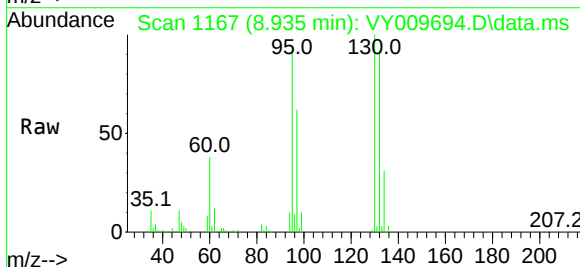
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

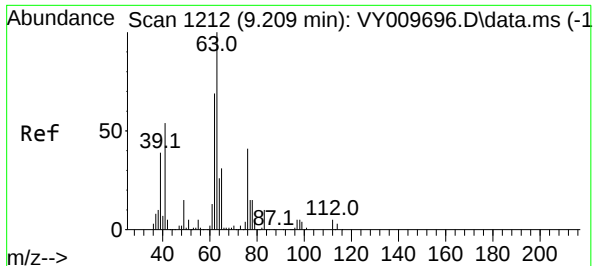
Tgt Ion: 43 Resp: 28967
Ion Ratio Lower Upper
43 100
61 29.6 20.2 30.2
87 13.7 8.9 13.3#



#44
Trichloroethene
Concen: 10.375 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

Tgt Ion:130 Resp: 26484
Ion Ratio Lower Upper
130 100
95 92.6 0.0 188.2





#45

1,2-Dichloropropane

Concen: 10.179 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009694.D

Acq: 26 Jul 2022 12:04

Instrument :

MSVOA_Y

ClientSampleId :

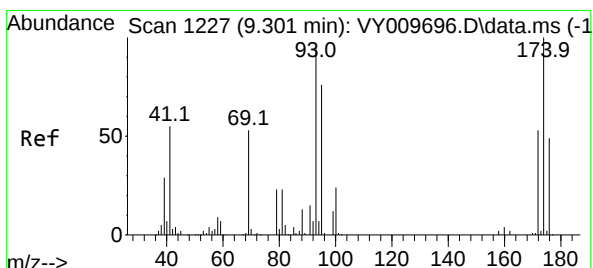
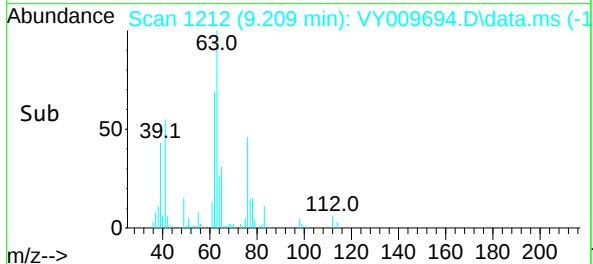
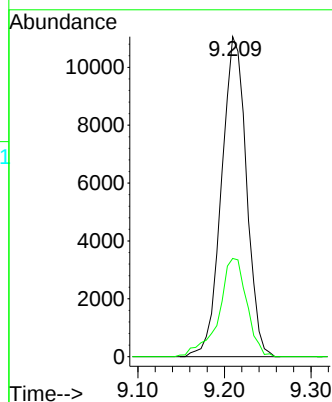
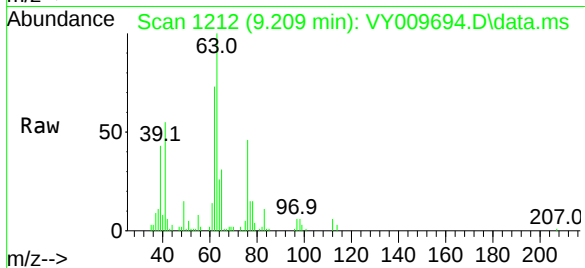
VSTDIC010

Tgt Ion: 63 Resp: 22072

Ion Ratio Lower Upper

63 100

65 30.7 23.0 34.6



#46

Dibromomethane

Concen: 9.792 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY009694.D

Acq: 26 Jul 2022 12:04

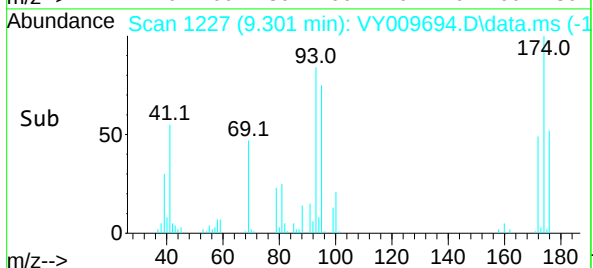
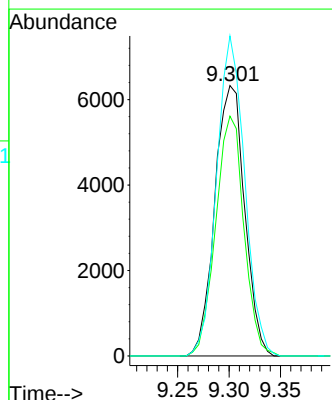
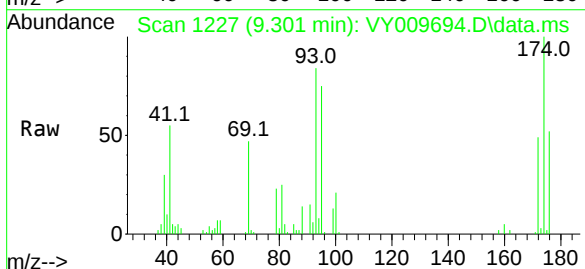
Tgt Ion: 93 Resp: 12775

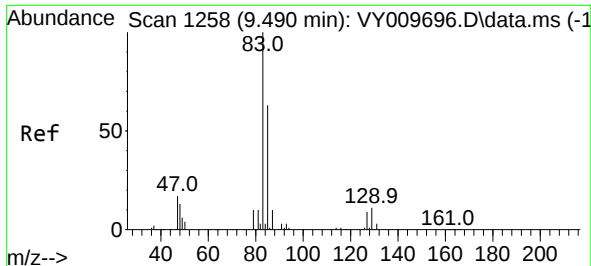
Ion Ratio Lower Upper

93 100

95 83.8 64.3 96.5

174 111.3 83.4 125.0

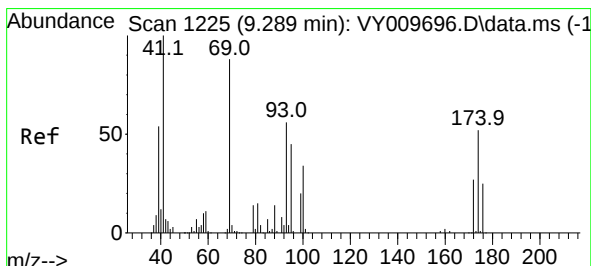
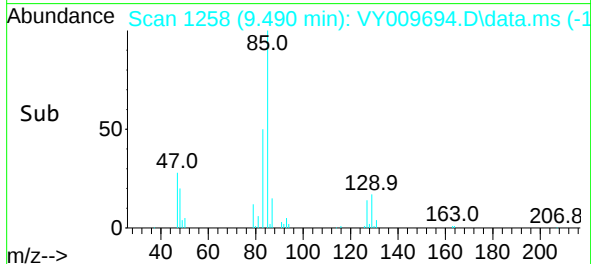
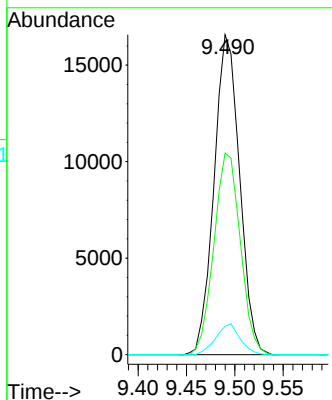
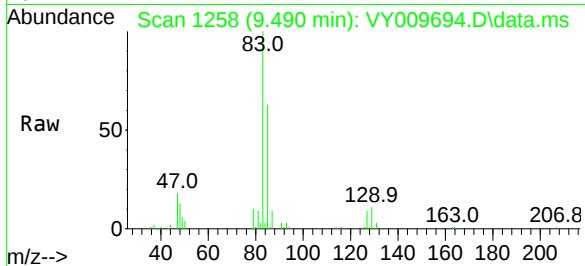




#47
Bromodichloromethane
Concen: 10.222 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

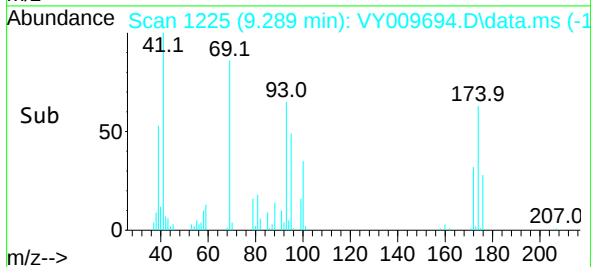
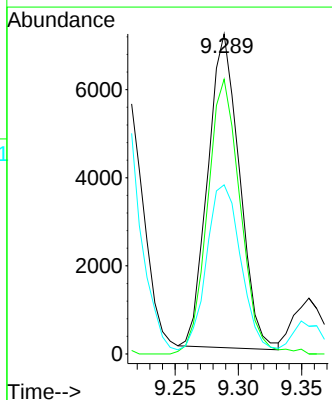
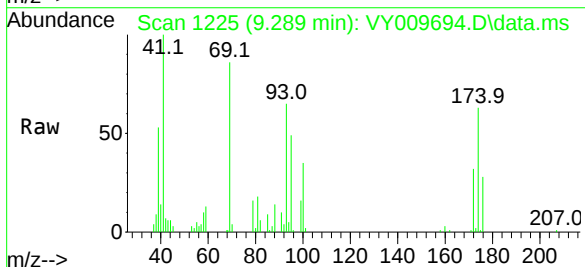
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

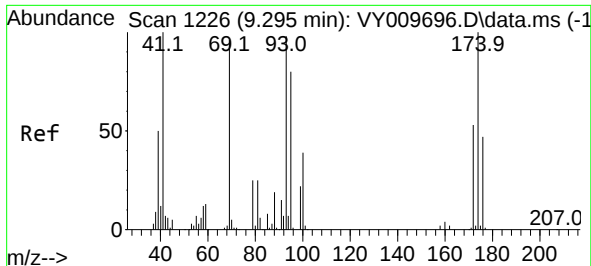
Tgt Ion:	83	Resp:	30416
Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.9	77.9
127	8.9	6.6	10.0



#48
Methyl methacrylate
Concen: 8.998 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

Tgt Ion:	41	Resp:	12406
Ion	Ratio	Lower	Upper
41	100		
69	90.6	58.2	87.2
39	57.2	47.4	71.0





#49

1,4-Dioxane

Concen: 164.064 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY009694.D

Acq: 26 Jul 2022 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

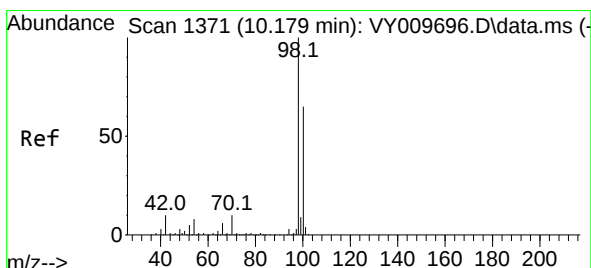
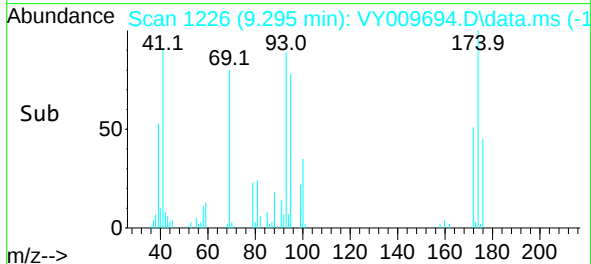
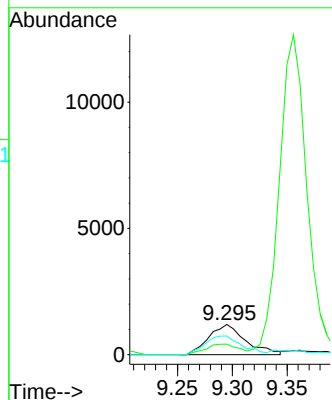
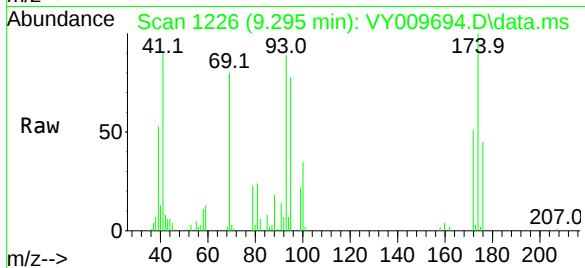
Tgt Ion: 88 Resp: 2782

Ion Ratio Lower Upper

88 100

43 31.5 32.8 49.2#

58 62.3 59.8 89.6



#50

Toluene-d8

Concen: 13.106 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY009694.D

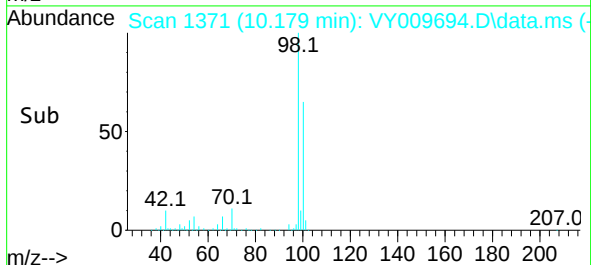
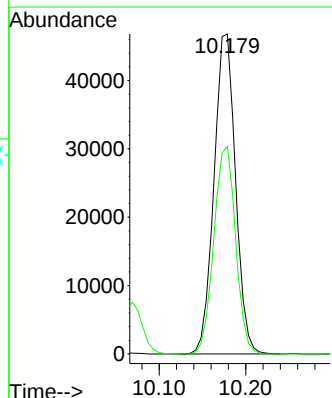
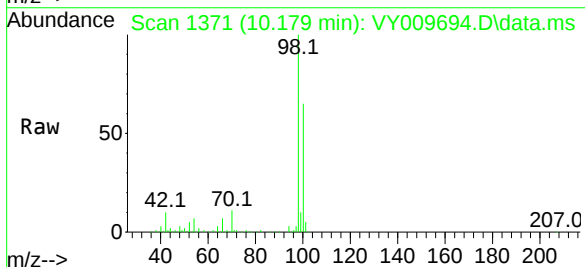
Acq: 26 Jul 2022 12:04

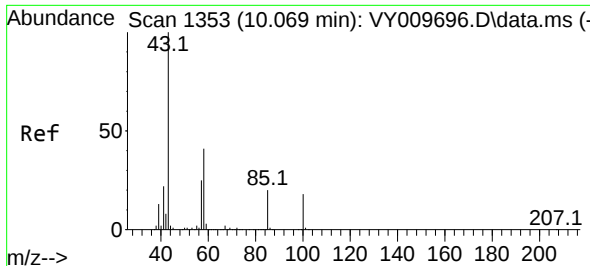
Tgt Ion: 98 Resp: 80933

Ion Ratio Lower Upper

98 100

100 65.5 50.2 75.2

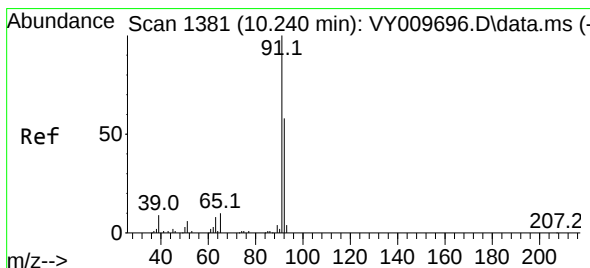
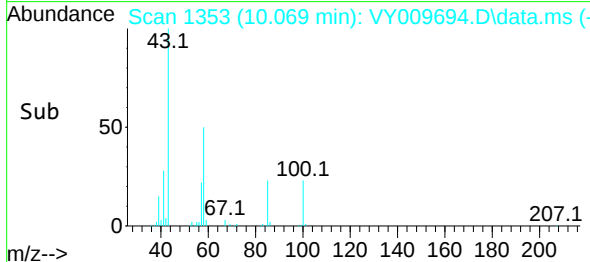
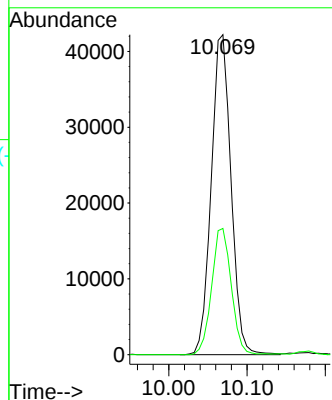
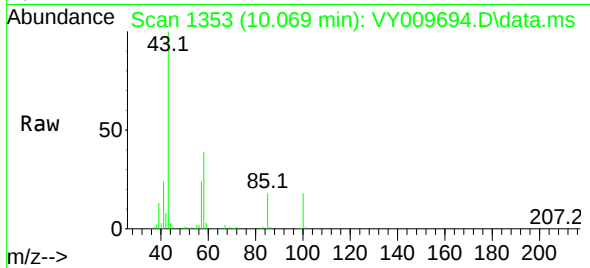




#51
4-Methyl-2-Pentanone
Concen: 46.267 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

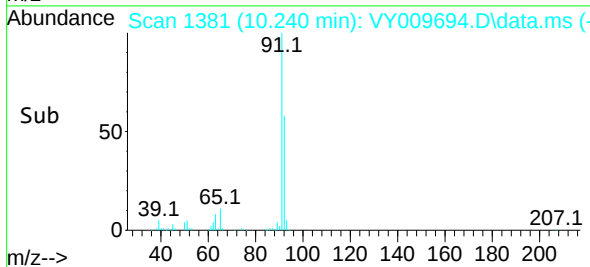
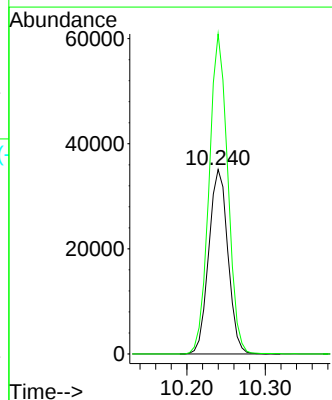
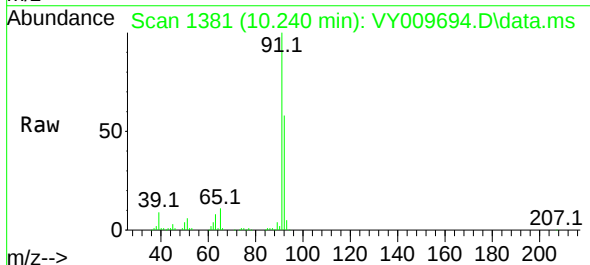
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

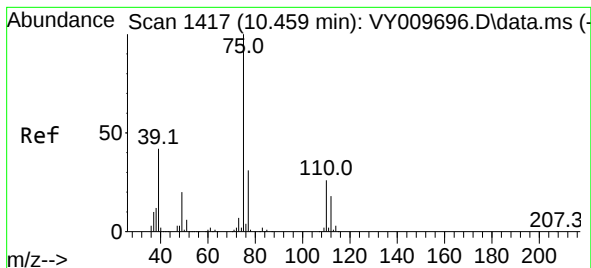
Tgt Ion: 43 Resp: 74059
Ion Ratio Lower Upper
43 100
58 39.3 28.1 42.1



#52
Toluene
Concen: 10.691 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

Tgt Ion: 92 Resp: 59497
Ion Ratio Lower Upper
92 100
91 169.4 142.6 213.8

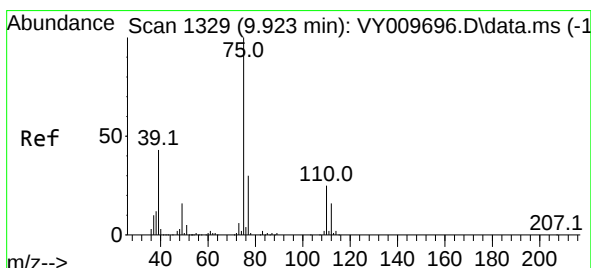
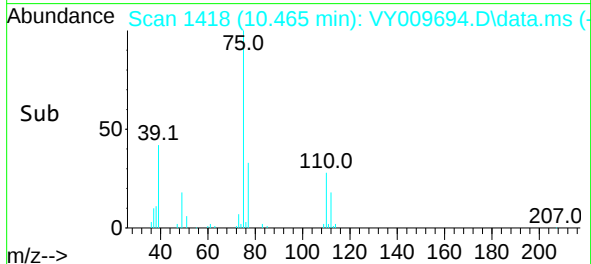
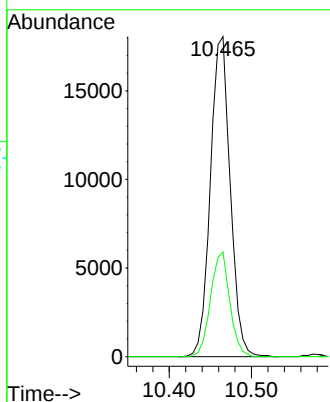
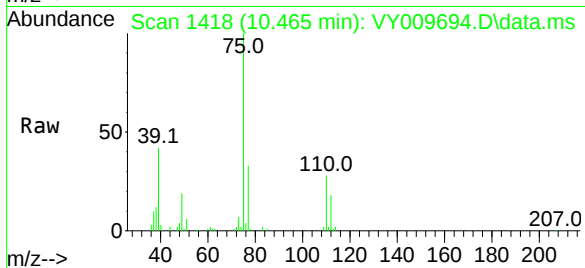




#53
 t-1,3-Dichloropropene
 Concen: 9.886 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY009694.D
 Acq: 26 Jul 2022 12:04

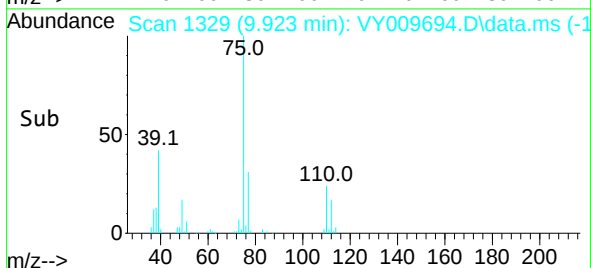
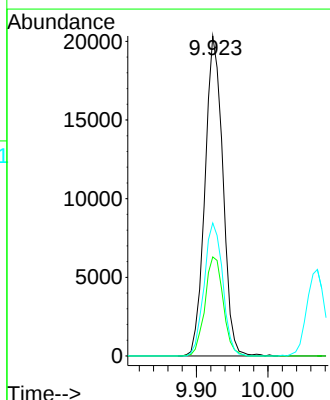
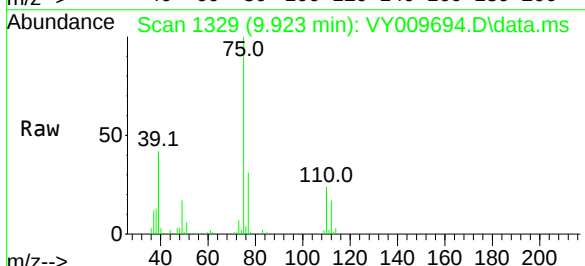
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

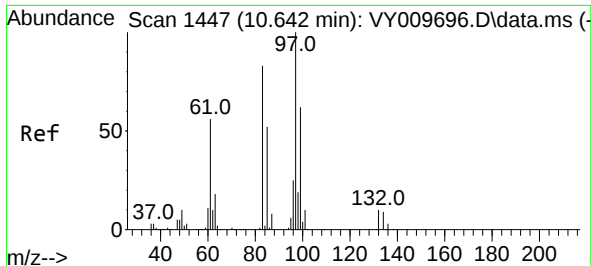
Tgt Ion: 75 Resp: 30245
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 10.018 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY009694.D
 Acq: 26 Jul 2022 12:04

Tgt Ion: 75 Resp: 35301
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.6 38.4
 39 41.6 47.6 71.4#

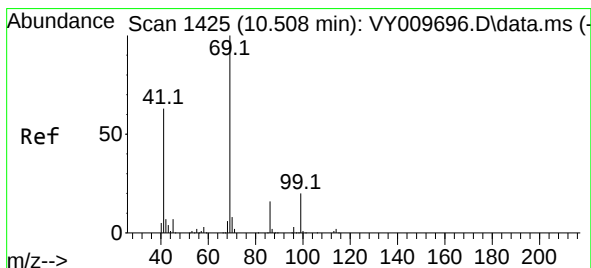
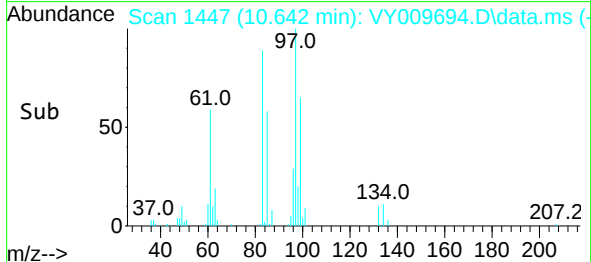
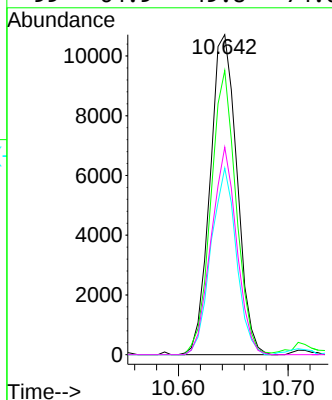
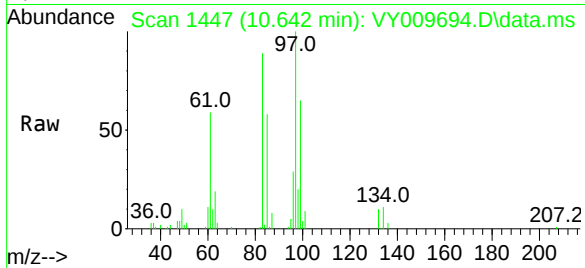




#55
1,1,2-Trichloroethane
Concen: 10.021 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

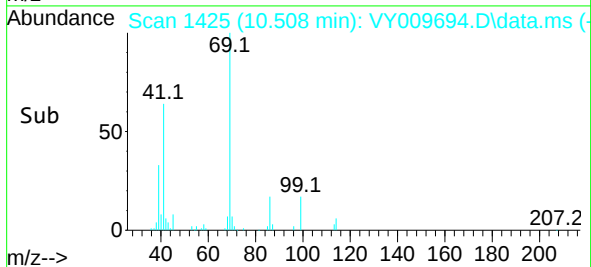
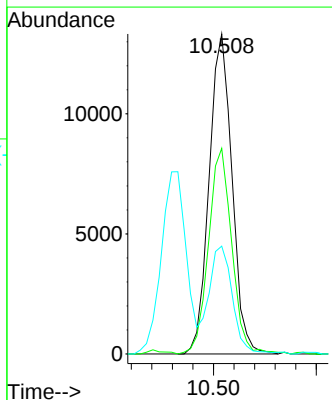
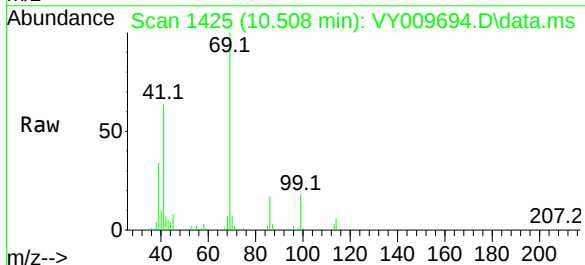
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

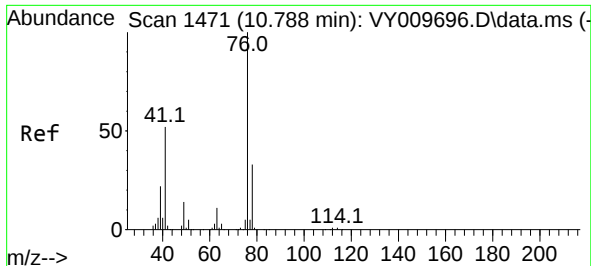
Tgt Ion: 97	Resp: 18289
Ion Ratio	Lower Upper
97 100	
83 88.8	69.8 104.8
85 58.3	44.3 66.5
99 64.9	49.8 74.6



#56
Ethyl methacrylate
Concen: 9.012 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

Tgt Ion: 69	Resp: 20573
Ion Ratio	Lower Upper
69 100	
41 65.4	63.4 95.0
39 35.1	35.8 53.8#





#57

1,3-Dichloropropane

Concen: 10.050 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009694.D

Acq: 26 Jul 2022 12:04

Instrument :

MSVOA_Y

ClientSampleId :

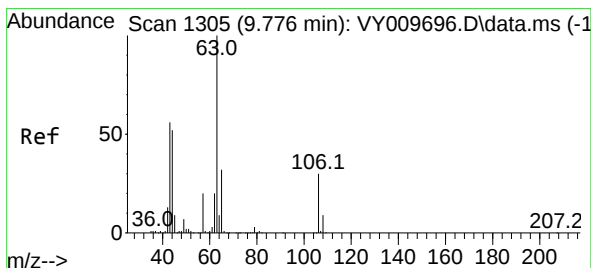
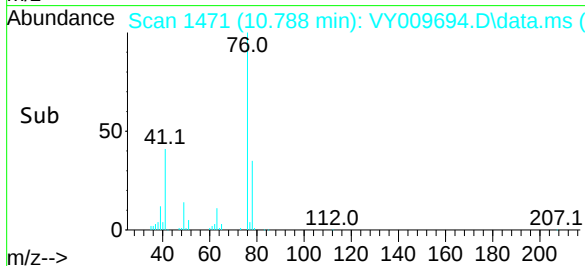
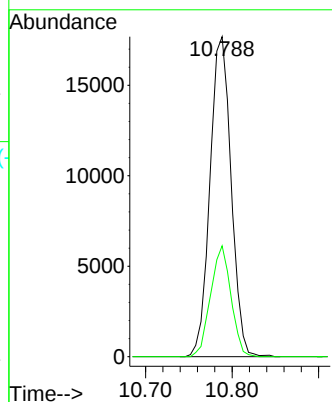
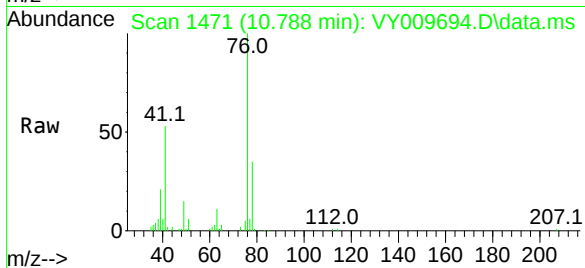
VSTDICC010

Tgt Ion: 76 Resp: 29997

Ion Ratio Lower Upper

76 100

78 33.3 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 34.137 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009694.D

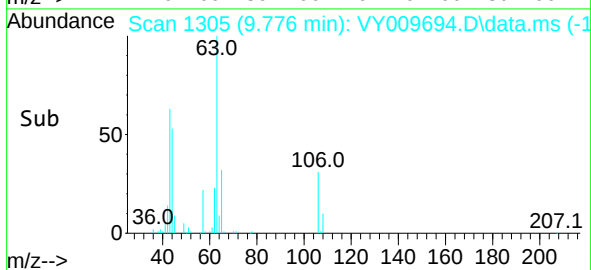
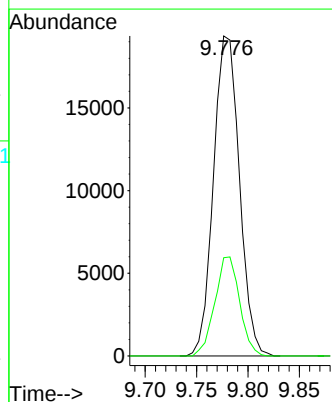
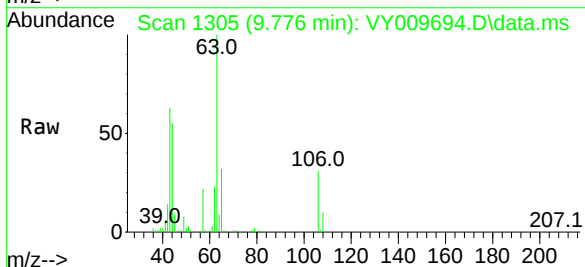
Acq: 26 Jul 2022 12:04

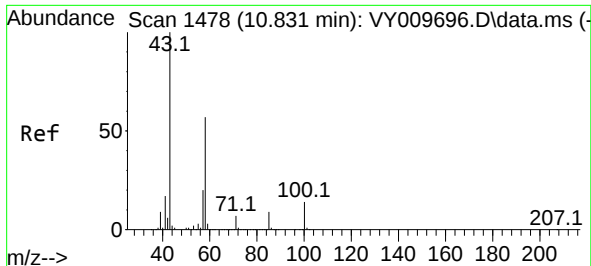
Tgt Ion: 63 Resp: 33965

Ion Ratio Lower Upper

63 100

106 29.6 21.5 32.3

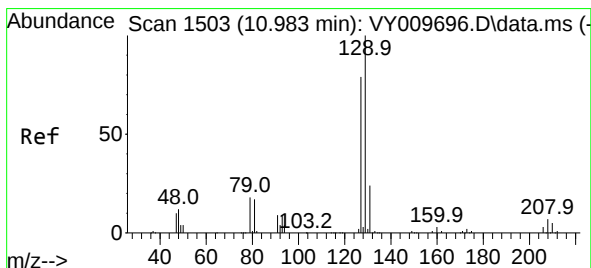
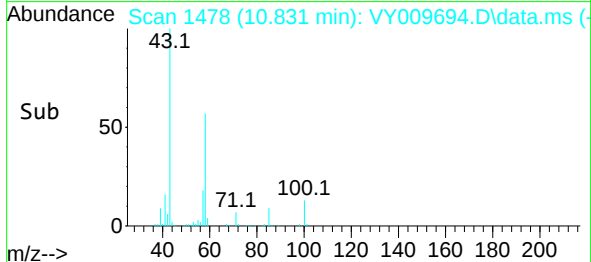
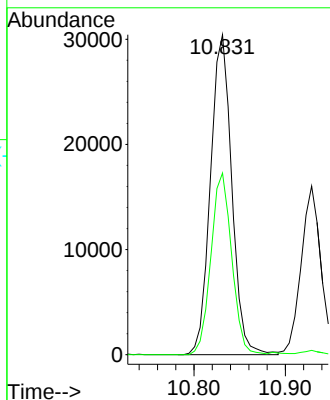
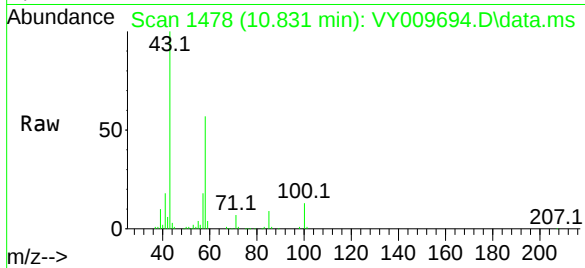




#59
2-Hexanone
Concen: 43.305 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

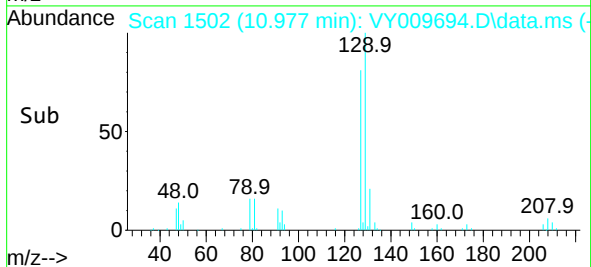
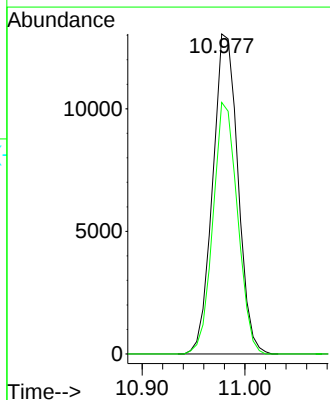
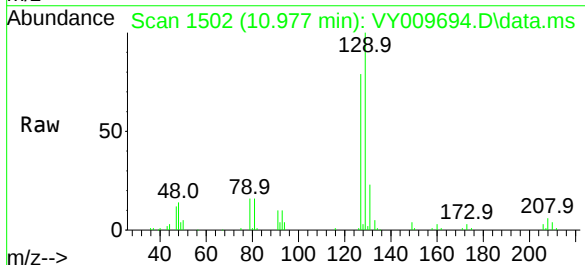
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

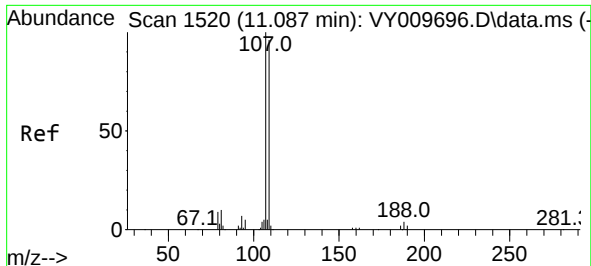
Tgt Ion: 43 Resp: 49296
Ion Ratio Lower Upper
43 100
58 55.3 24.4 73.4



#60
Dibromochloromethane
Concen: 10.073 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

Tgt Ion: 129 Resp: 22209
Ion Ratio Lower Upper
129 100
127 76.5 38.7 116.1

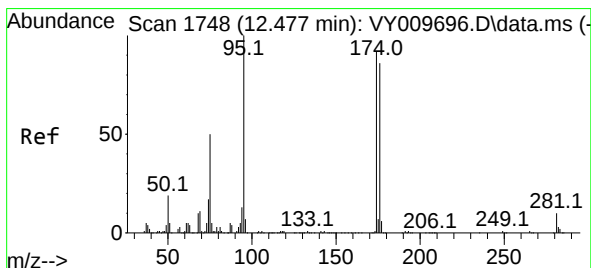
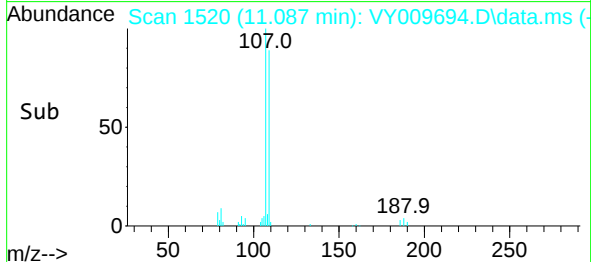
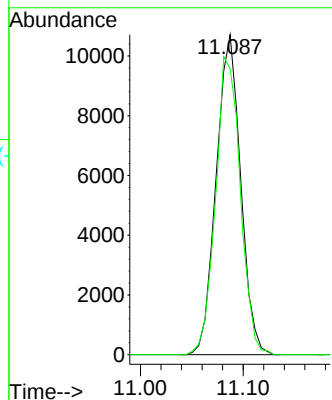
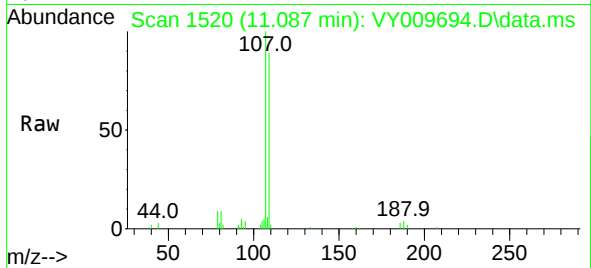




#61
1,2-Dibromoethane
Concen: 9.949 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

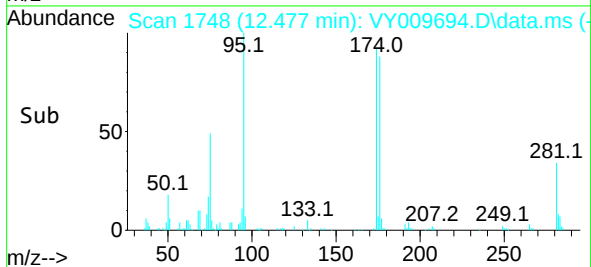
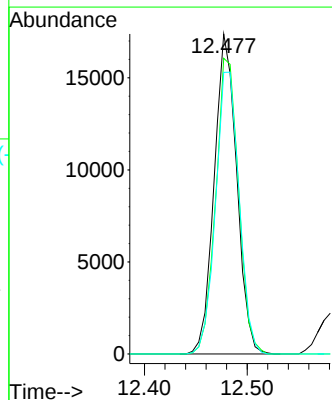
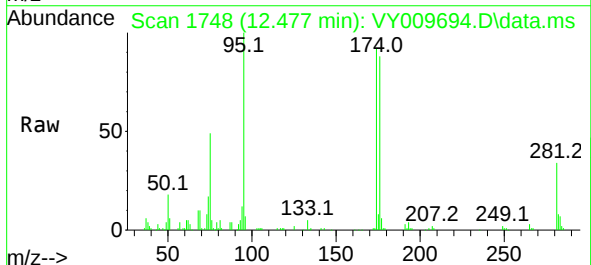
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

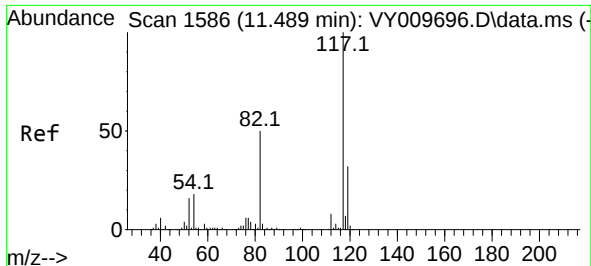
Tgt Ion:107 Resp: 17679
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 10.713 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

Tgt Ion: 95 Resp: 26359
Ion Ratio Lower Upper
95 100
174 94.1 0.0 177.0
176 92.2 0.0 175.8

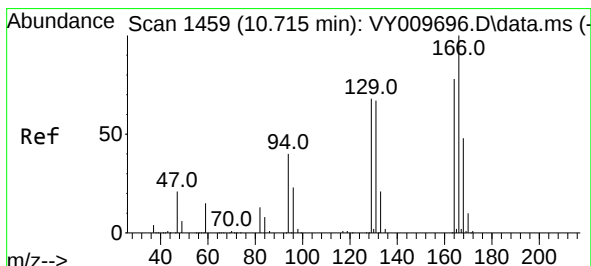
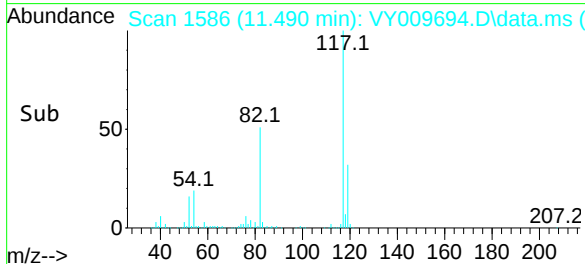
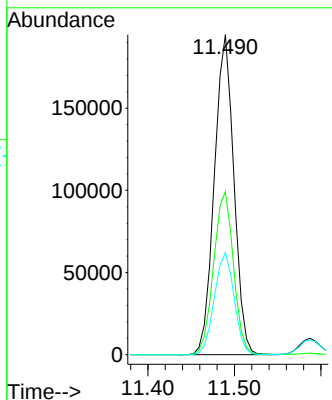
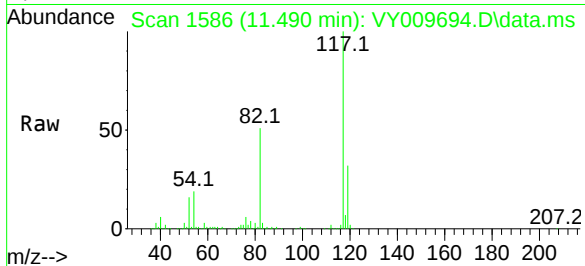




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

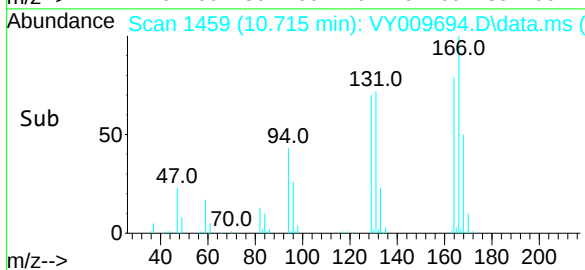
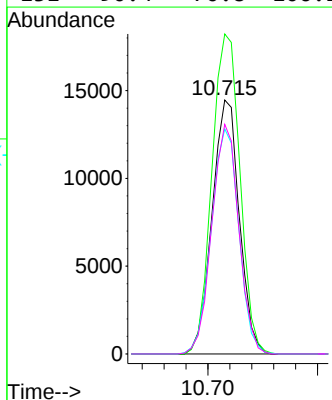
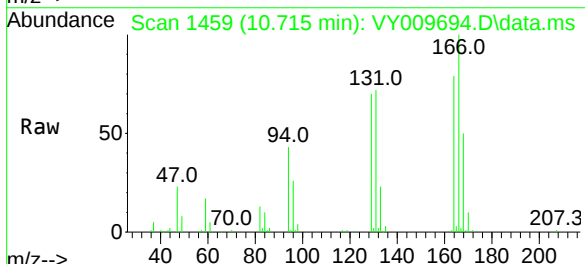
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

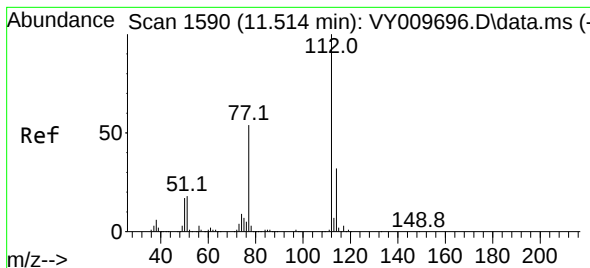
Tgt Ion:117 Resp: 305279
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 31.9 25.4 38.0



#64
Tetrachloroethene
Concen: 10.400 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

Tgt Ion:164 Resp: 24919
Ion Ratio Lower Upper
164 100
166 126.0 100.4 150.6
129 88.6 71.4 107.0
131 90.4 70.8 106.2





#65

Chlorobenzene

Concen: 10.572 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009694.D

Acq: 26 Jul 2022 12:04

Instrument :

MSVOA_Y

ClientSampleId :

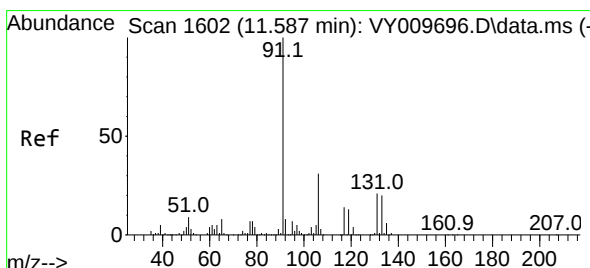
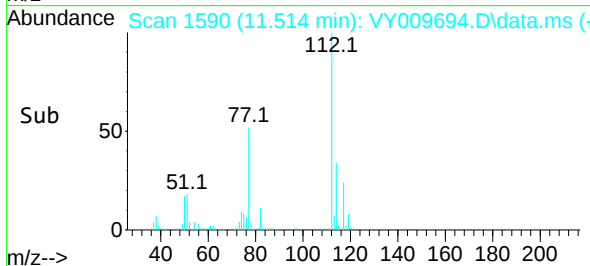
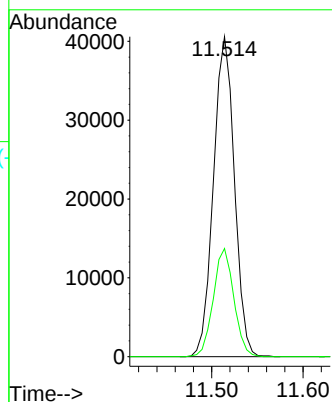
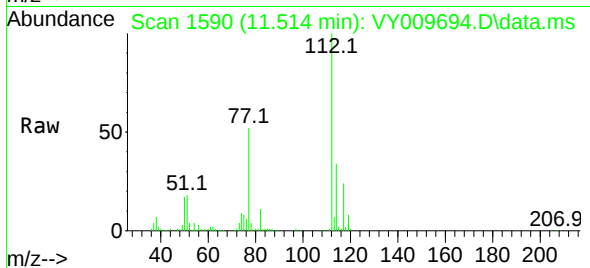
VSTDIC010

Tgt Ion:112 Resp: 64664

Ion Ratio Lower Upper

112 100

114 33.8 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 10.166 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY009694.D

Acq: 26 Jul 2022 12:04

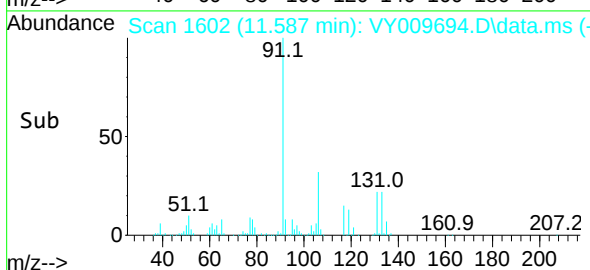
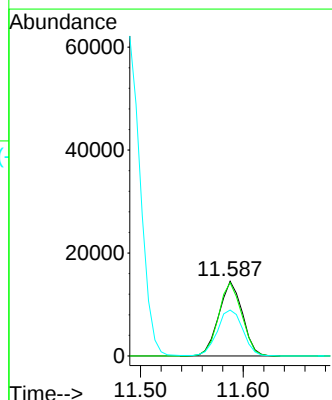
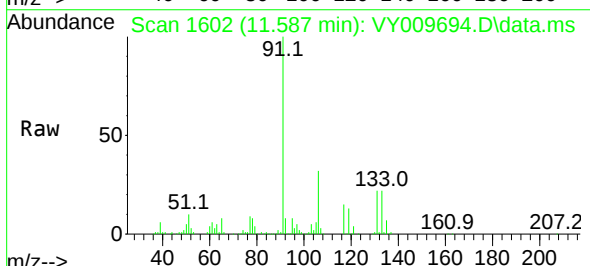
Tgt Ion:131 Resp: 23111

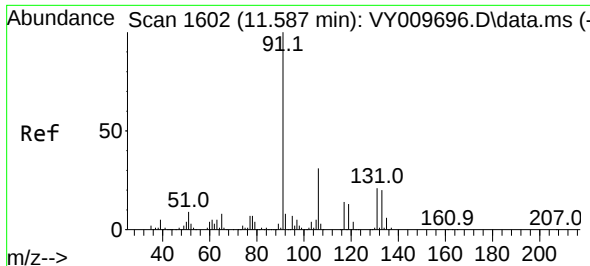
Ion Ratio Lower Upper

131 100

133 97.1 47.9 143.6

119 66.8 30.8 92.3





#67

Ethyl Benzene

Concen: 10.156 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY009694.D

Acq: 26 Jul 2022 12:04

Instrument :

MSVOA_Y

ClientSampleId :

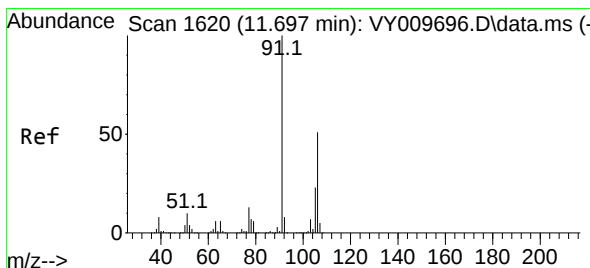
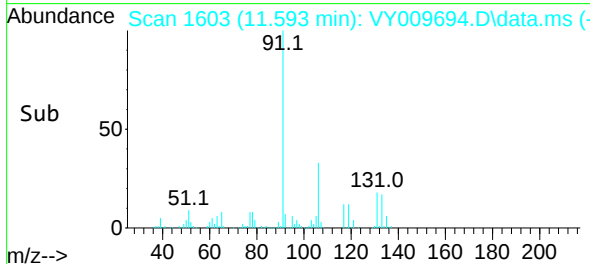
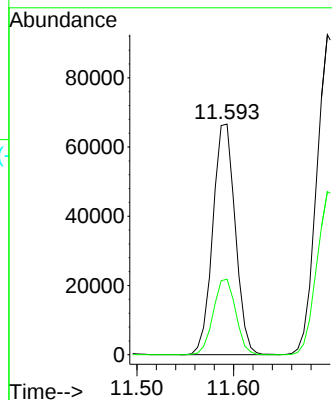
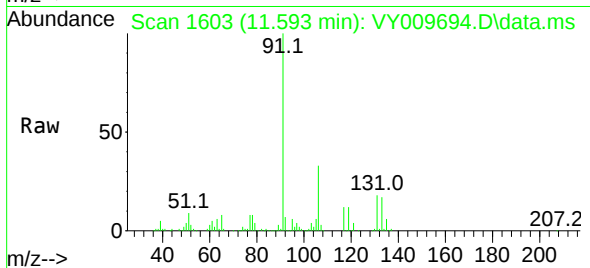
VSTDIC010

Tgt Ion: 91 Resp: 107511

Ion Ratio Lower Upper

91 100

106 32.7 24.5 36.7



#68

m/p-Xylenes

Concen: 20.727 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY009694.D

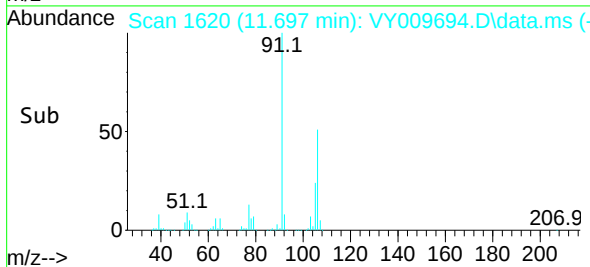
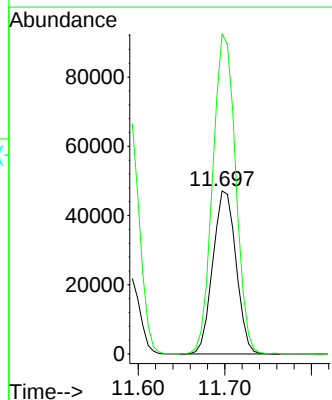
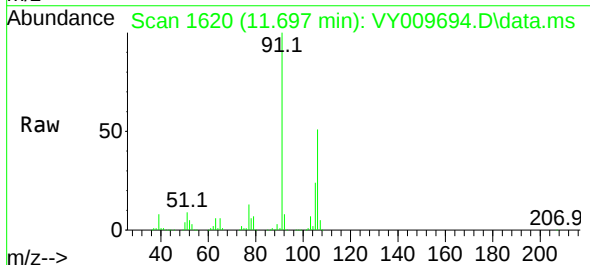
Acq: 26 Jul 2022 12:04

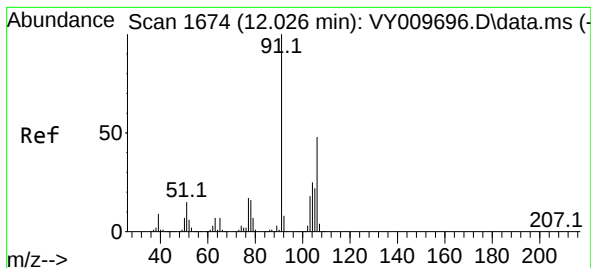
Tgt Ion:106 Resp: 87677

Ion Ratio Lower Upper

106 100

91 194.6 166.6 249.8

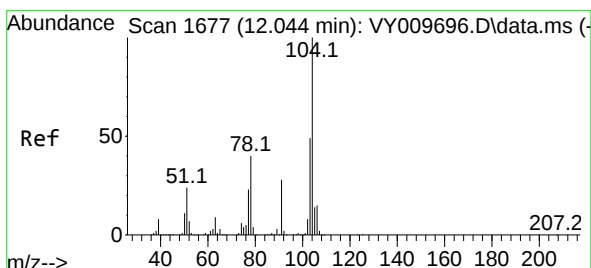
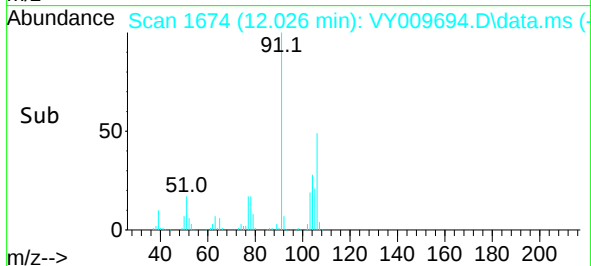
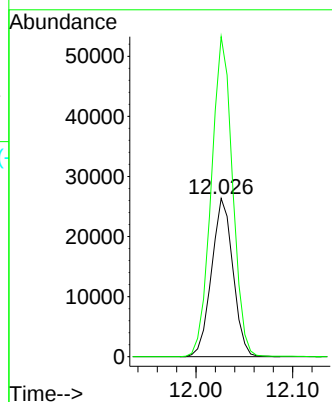
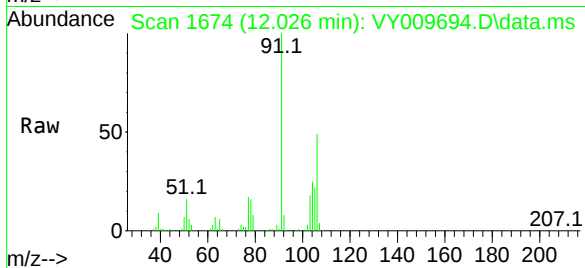




#69
o-Xylene
Concen: 10.176 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

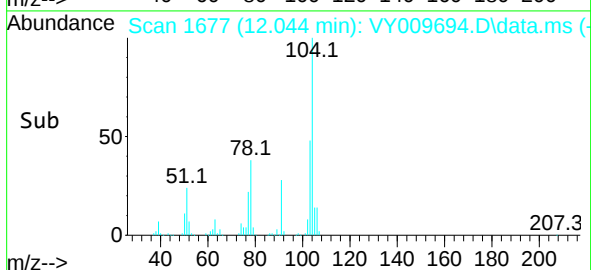
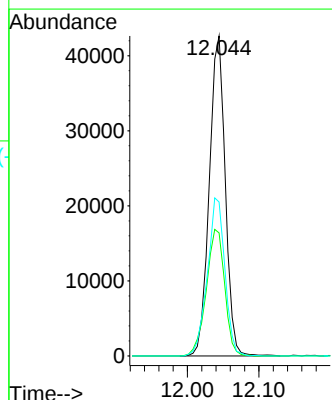
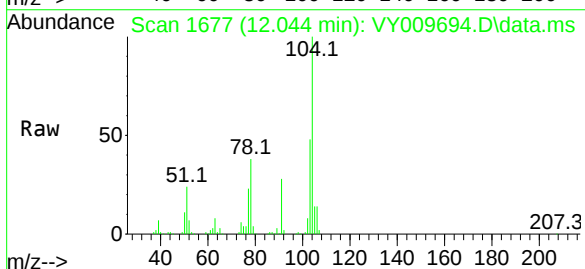
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

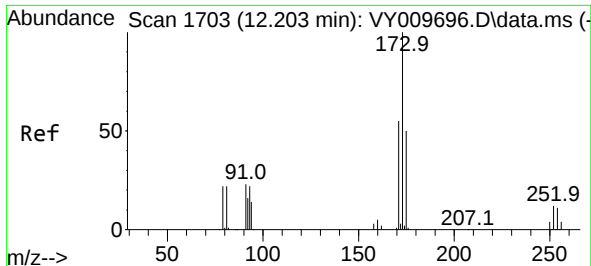
Tgt Ion:106 Resp: 40407
Ion Ratio Lower Upper
106 100
91 201.8 110.3 331.0



#70
Styrene
Concen: 9.929 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

Tgt Ion:104 Resp: 66223
Ion Ratio Lower Upper
104 100
78 45.5 42.4 63.6
103 54.2 44.4 66.6

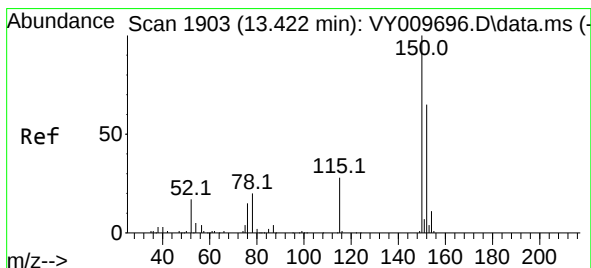
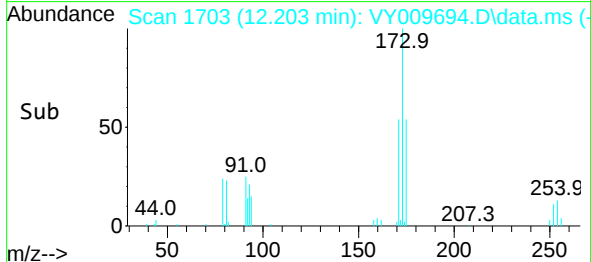
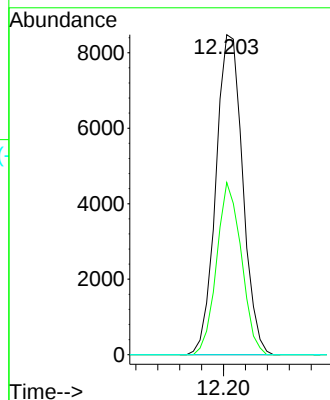
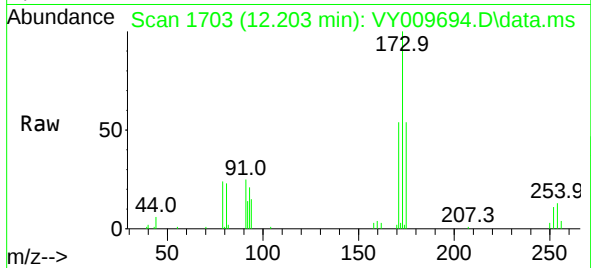




#71
Bromoform
Concen: 9.874 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

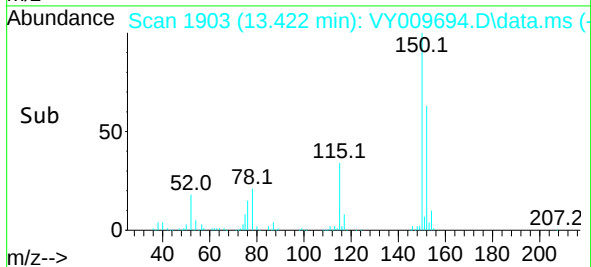
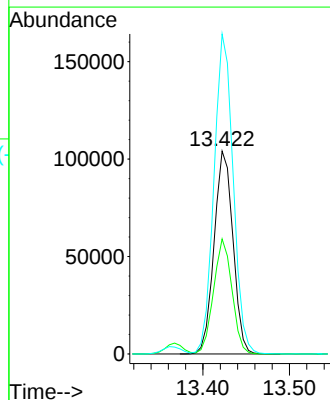
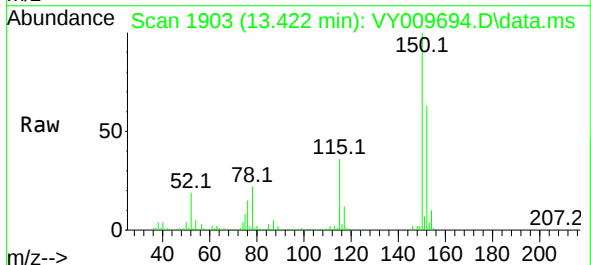
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

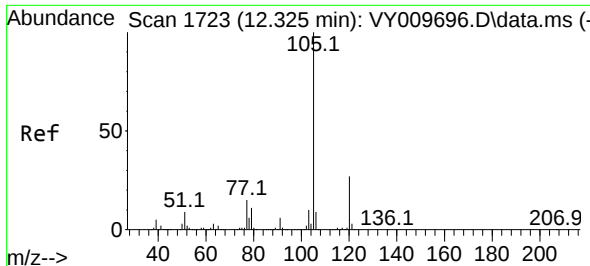
Tgt Ion:173 Resp: 14395
Ion Ratio Lower Upper
173 100
175 49.6 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

Tgt Ion:152 Resp: 157599
Ion Ratio Lower Upper
152 100
115 55.2 28.2 84.7
150 160.2 0.0 347.6

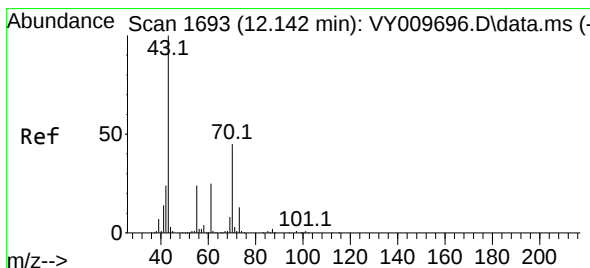
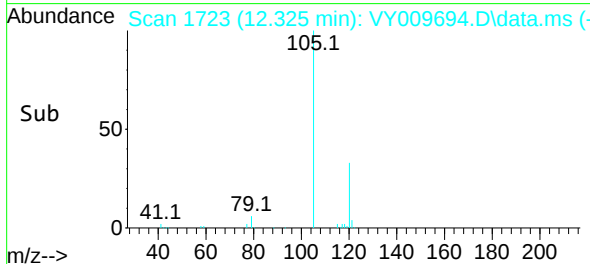
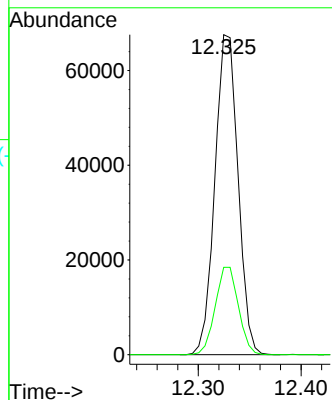
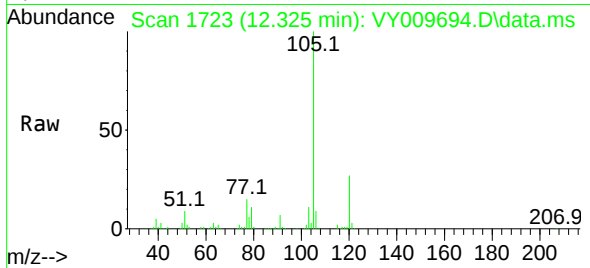




#73
Isopropylbenzene
Concen: 9.933 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

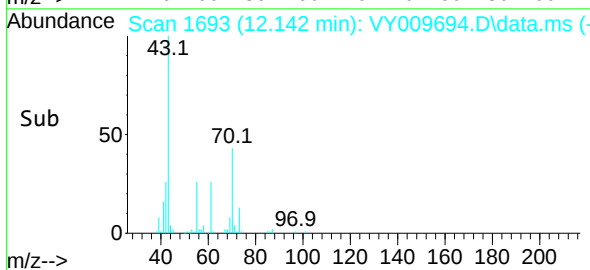
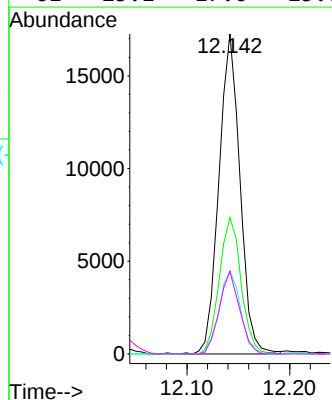
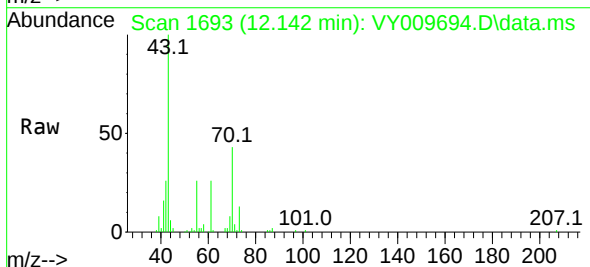
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

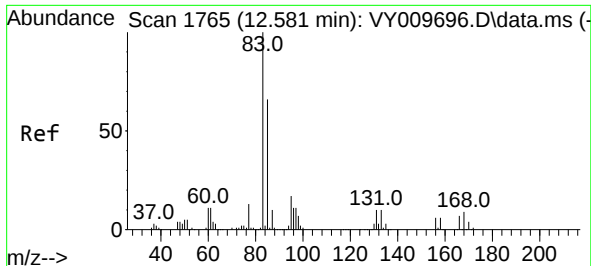
Tgt Ion:105 Resp: 105413
Ion Ratio Lower Upper
105 100
120 27.4 13.4 40.2



#74
N-ethyl acetate
Concen: 8.710 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

Tgt Ion: 43 Resp: 24534
Ion Ratio Lower Upper
43 100
70 44.0 28.7 43.1#
55 26.2 17.3 25.9#
61 25.1 17.0 25.6

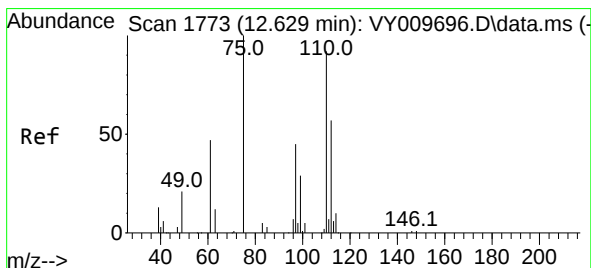
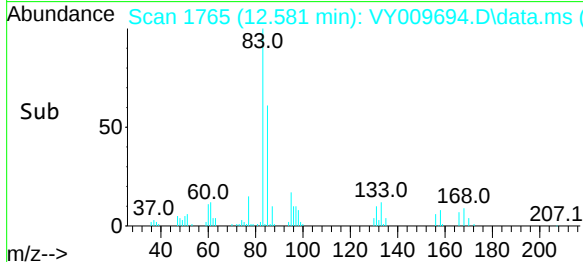
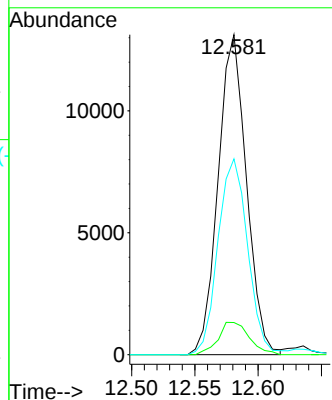
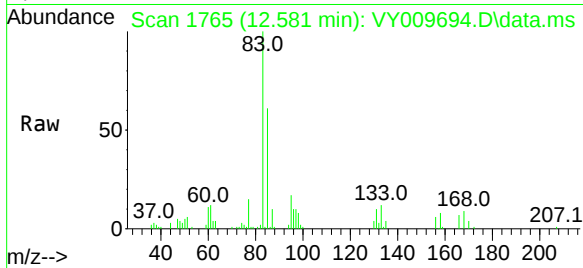




#75
1,1,2-Tetrachloroethane
Concen: 9.644 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

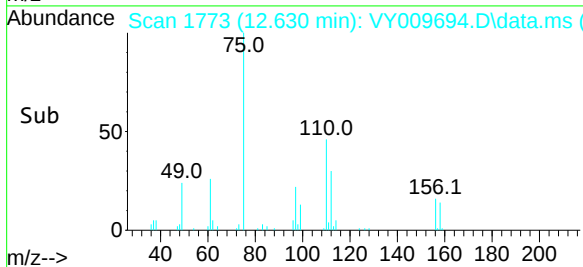
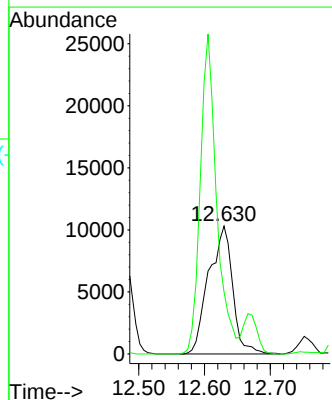
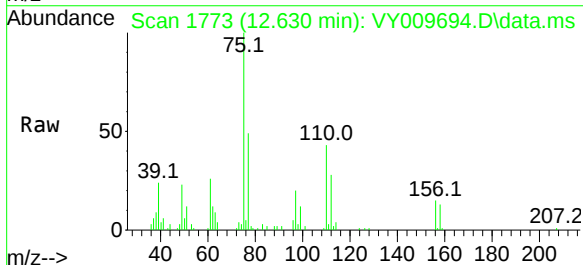
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

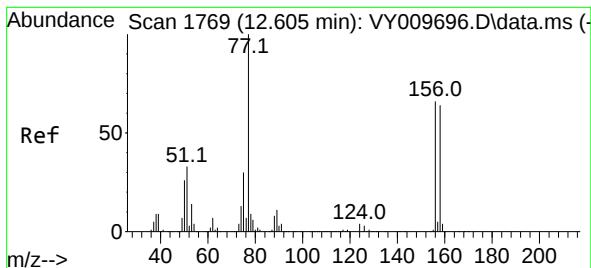
Tgt Ion: 83 Resp: 20450
Ion Ratio Lower Upper
83 100
131 11.1 5.6 16.8
85 64.3 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 17.024 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

Tgt Ion: 75 Resp: 26081
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.127 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009694.D

Acq: 26 Jul 2022 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

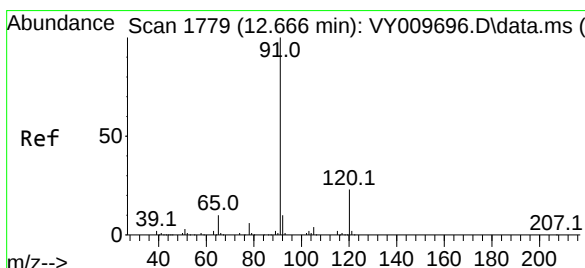
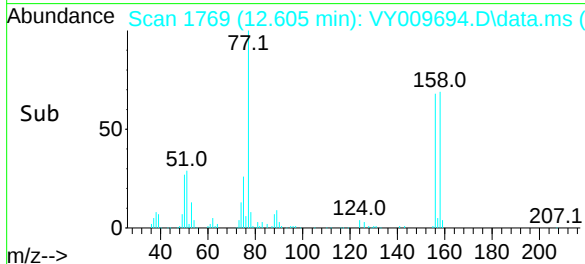
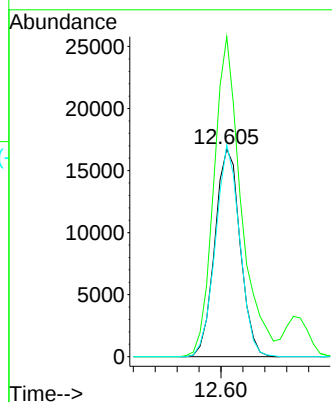
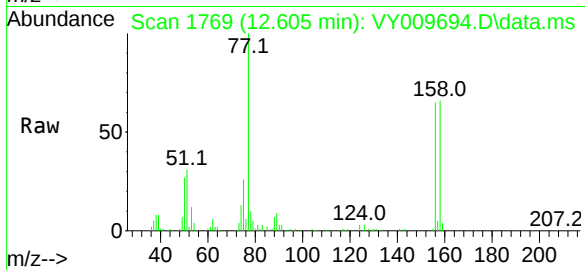
Tgt Ion:156 Resp: 26867

Ion Ratio Lower Upper

156 100

77 165.8 95.5 286.4

158 98.0 48.0 144.0



#78

n-propylbenzene

Concen: 10.226 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY009694.D

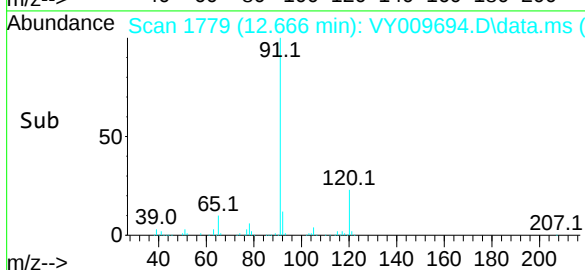
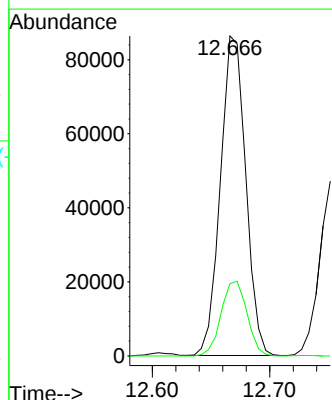
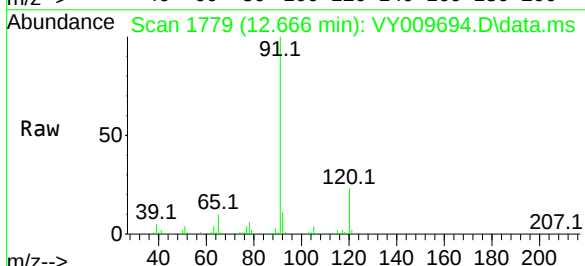
Acq: 26 Jul 2022 12:04

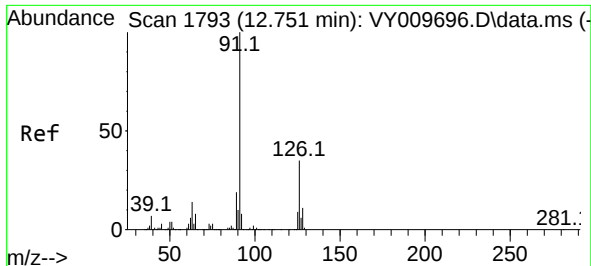
Tgt Ion: 91 Resp: 129294

Ion Ratio Lower Upper

91 100

120 24.0 11.3 33.9

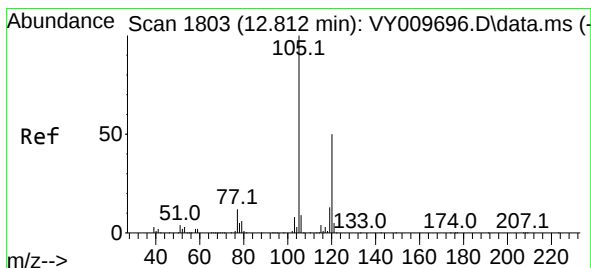
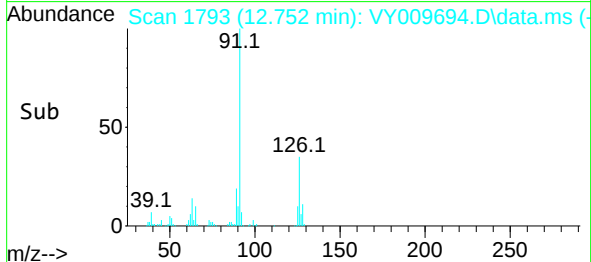
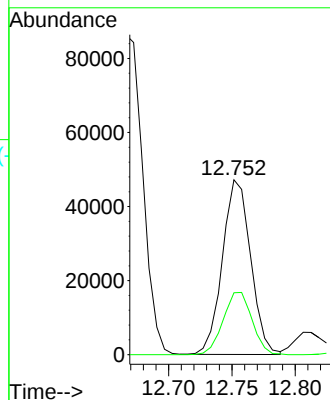
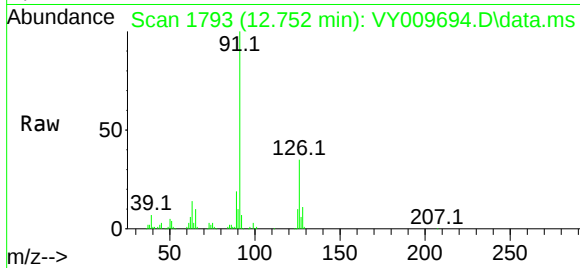




#79
2-Chlorotoluene
Concen: 10.291 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

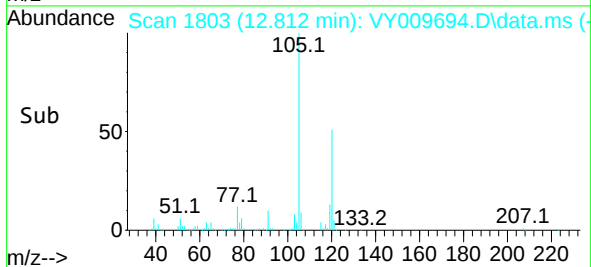
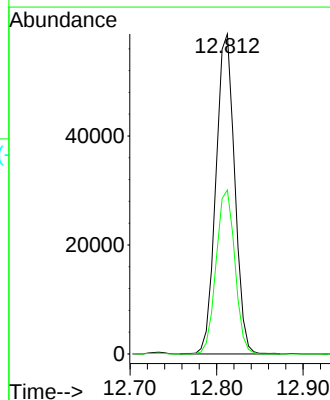
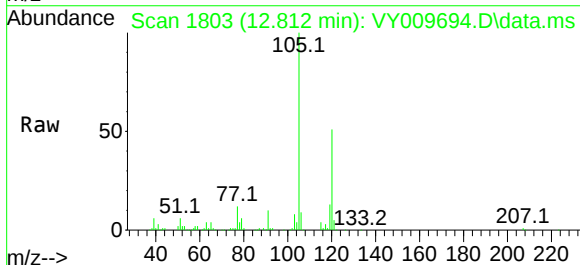
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

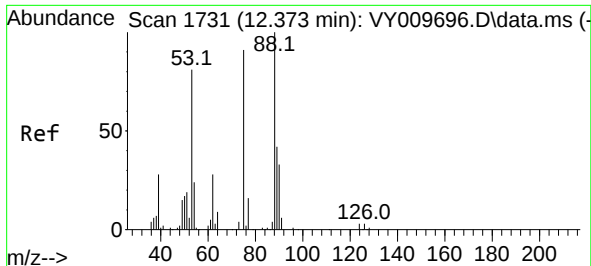
Tgt Ion: 91 Resp: 73286
Ion Ratio Lower Upper
91 100
126 36.5 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 10.050 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

Tgt Ion: 105 Resp: 88222
Ion Ratio Lower Upper
105 100
120 51.2 24.4 73.4

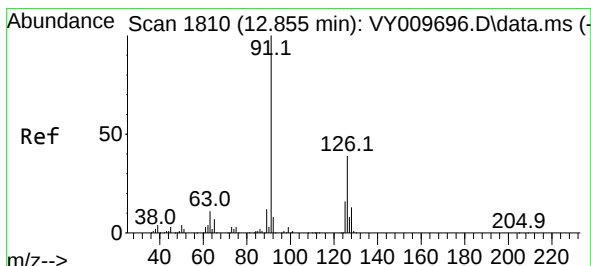
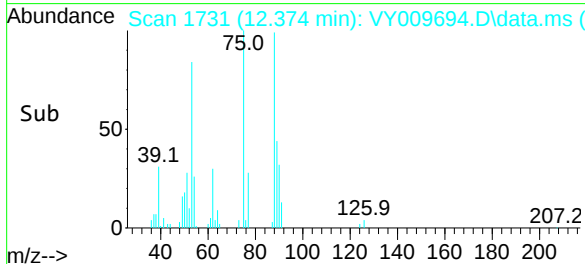
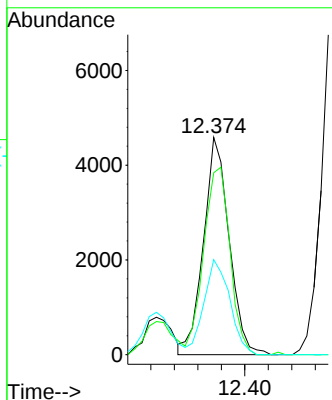
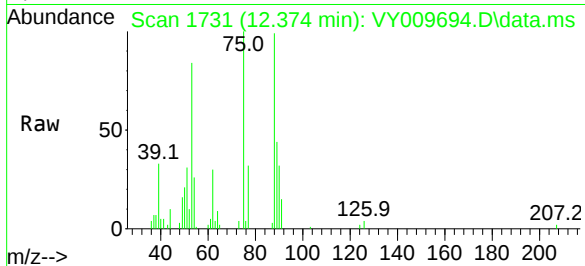




#81
trans-1,4-Dichloro-2-butene
Concen: 9.222 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

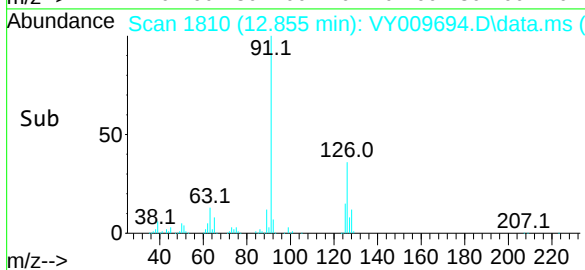
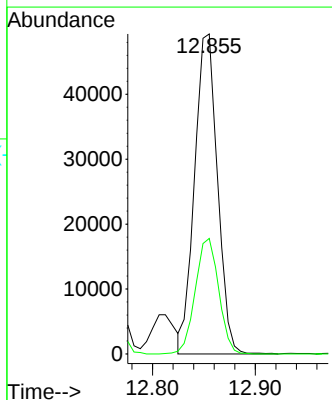
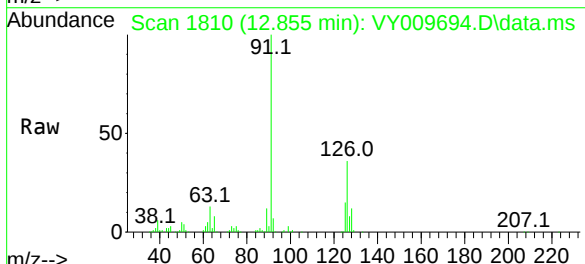
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

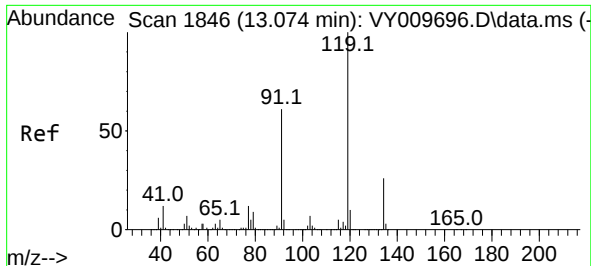
Tgt Ion: 75 Resp: 6946
Ion Ratio Lower Upper
75 100
53 88.4 85.3 127.9
89 44.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 10.254 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

Tgt Ion: 91 Resp: 76491
Ion Ratio Lower Upper
91 100
126 36.9 17.0 51.0

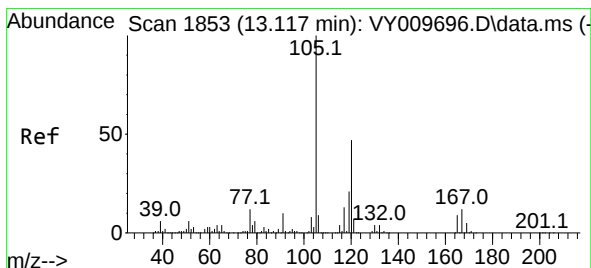
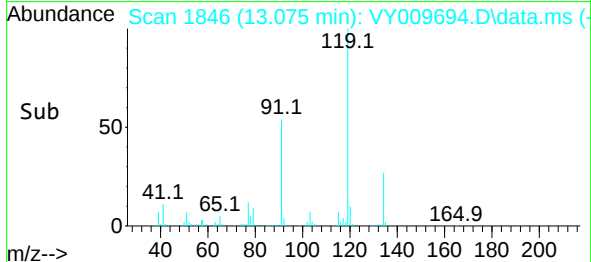
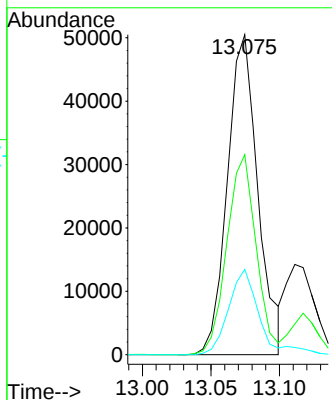
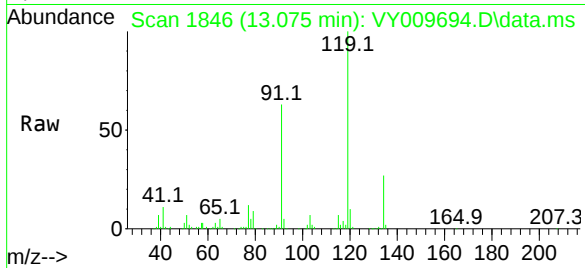




#83
tert-Butylbenzene
Concen: 10.115 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

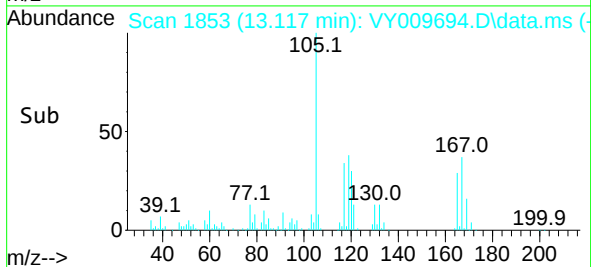
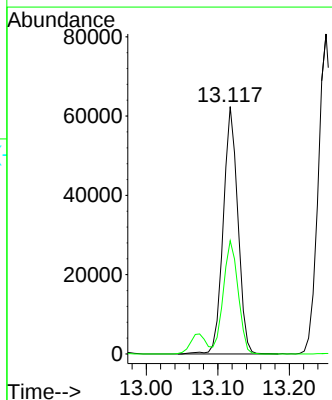
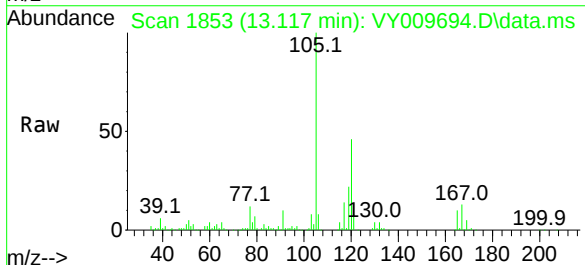
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

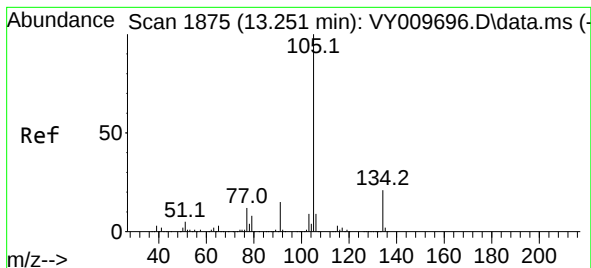
Tgt Ion:119 Resp: 78174
Ion Ratio Lower Upper
119 100
91 60.1 34.8 104.4
134 26.9 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 10.202 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

Tgt Ion:105 Resp: 88509
Ion Ratio Lower Upper
105 100
120 46.3 22.3 66.9





#85

sec-Butylbenzene

Concen: 10.420 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009694.D

Acq: 26 Jul 2022 12:04

Instrument :

MSVOA_Y

ClientSampleId :

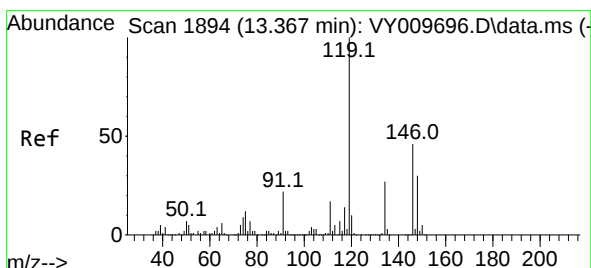
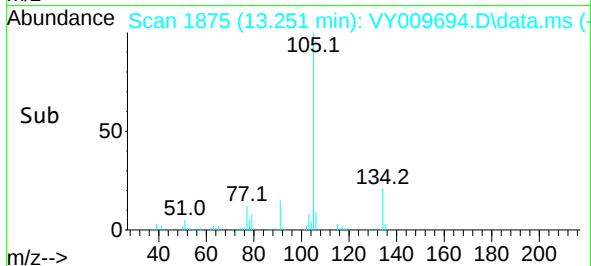
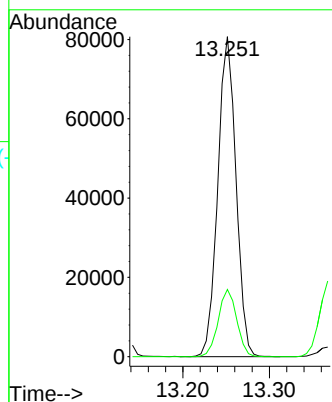
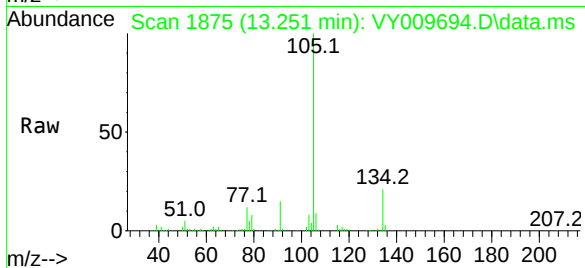
VSTDIC010

Tgt Ion:105 Resp: 117848

Ion Ratio Lower Upper

105 100

134 21.3 10.2 30.4



#86

p-Isopropyltoluene

Concen: 10.296 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009694.D

Acq: 26 Jul 2022 12:04

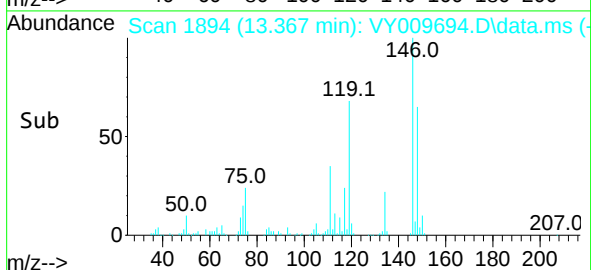
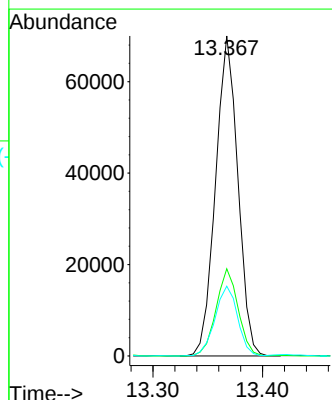
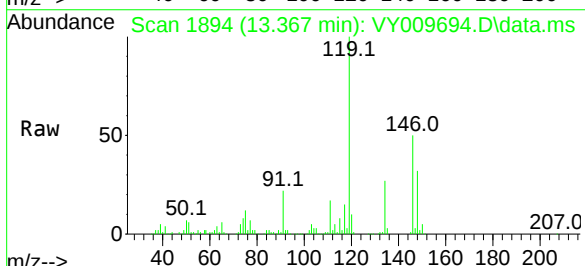
Tgt Ion:119 Resp: 98882

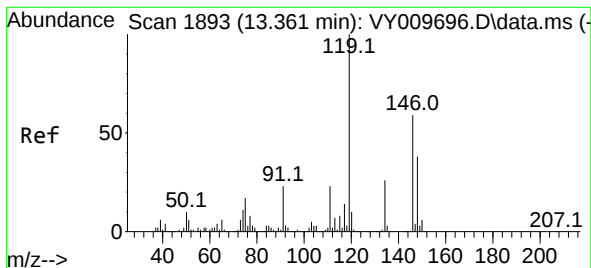
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.5

91 22.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 10.461 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009694.D

Acq: 26 Jul 2022 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

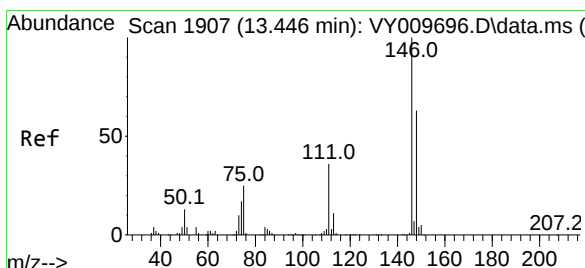
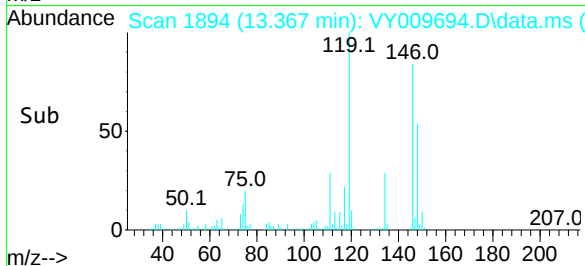
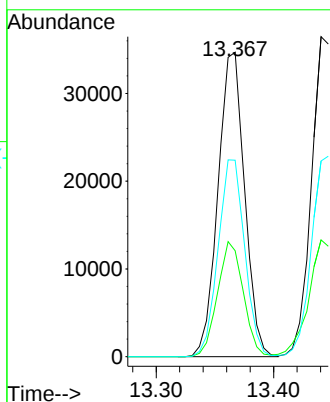
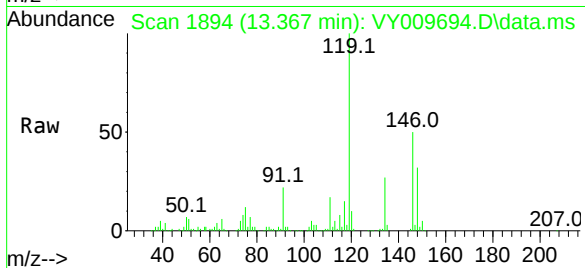
Tgt Ion:146 Resp: 54635

Ion Ratio Lower Upper

146 100

111 36.6 19.5 58.5

148 64.6 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 10.642 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY009694.D

Acq: 26 Jul 2022 12:04

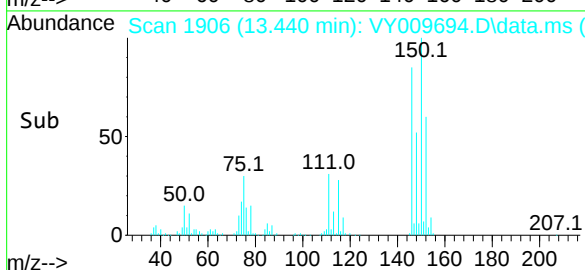
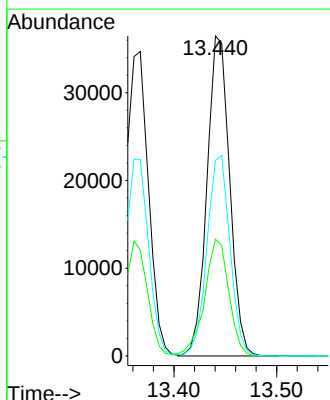
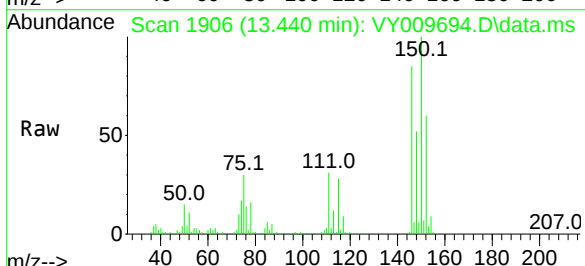
Tgt Ion:146 Resp: 55939

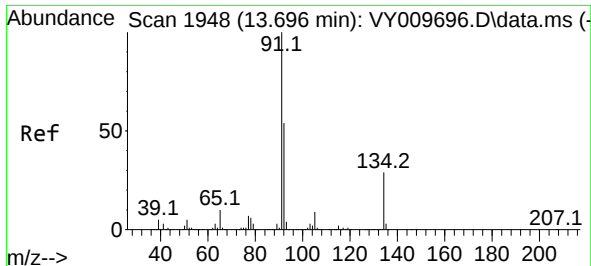
Ion Ratio Lower Upper

146 100

111 39.0 19.3 57.8

148 63.6 32.6 97.8

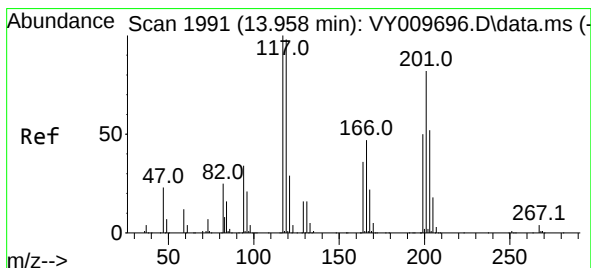
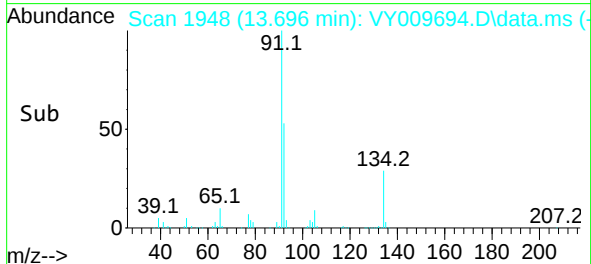
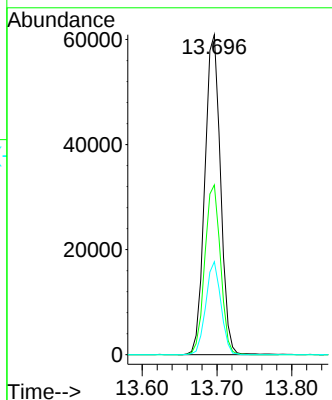
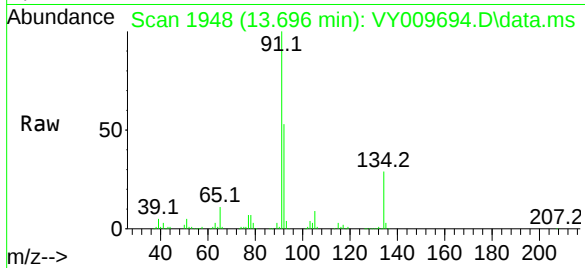




#89
n-Butylbenzene
Concen: 10.112 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

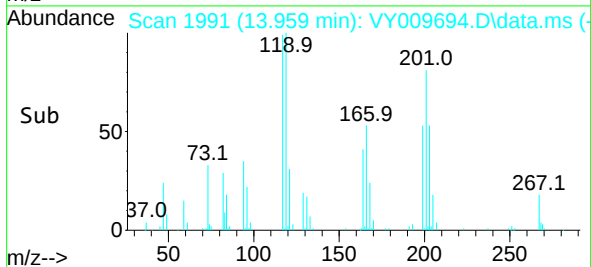
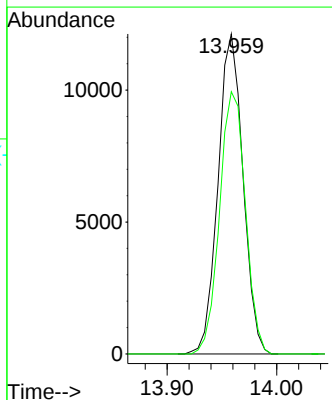
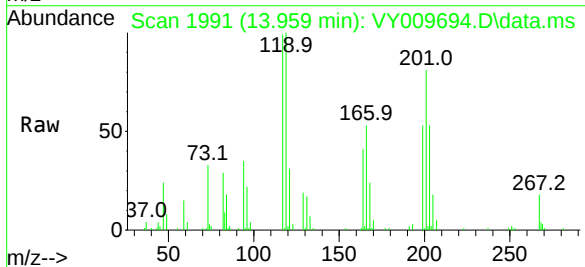
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

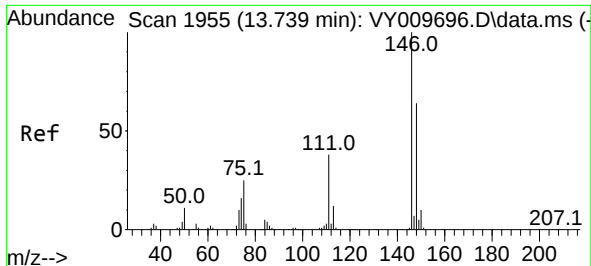
Tgt Ion: 91 Resp: 88793
Ion Ratio Lower Upper
91 100
92 52.9 26.3 78.9
134 28.0 13.0 38.9



#90
Hexachloroethane
Concen: 10.208 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

Tgt Ion: 117 Resp: 19202
Ion Ratio Lower Upper
117 100
201 84.8 43.0 128.8

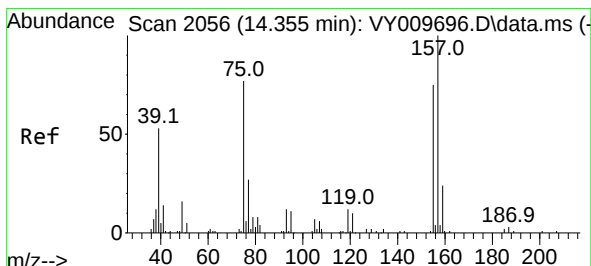
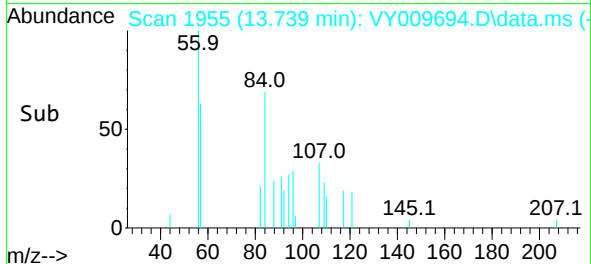
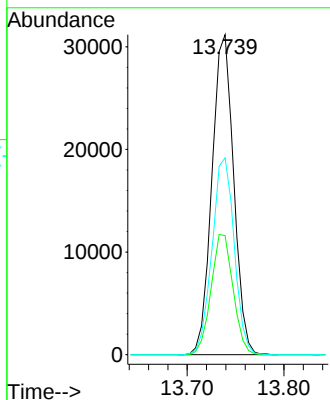
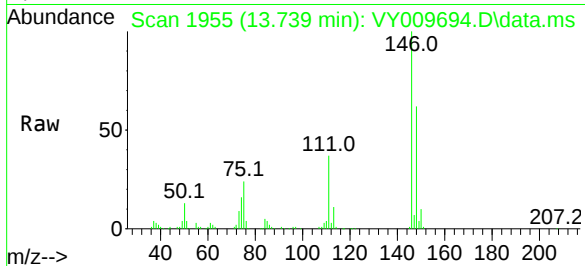




#91
1,2-Dichlorobenzene
Concen: 10.361 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

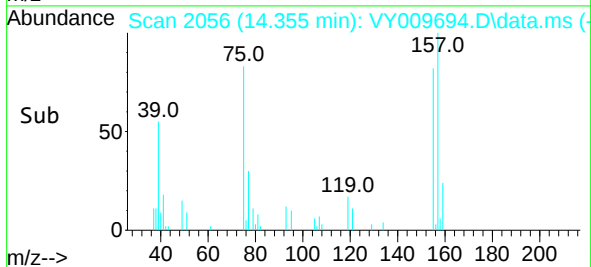
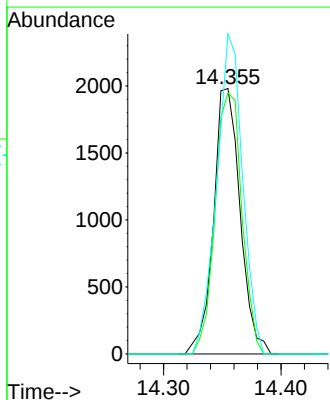
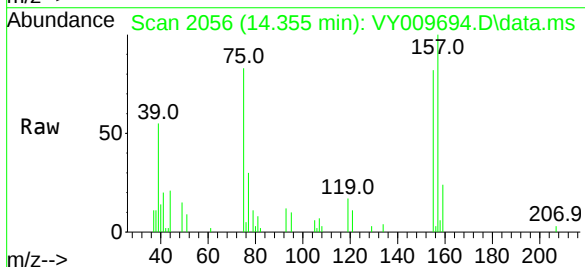
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

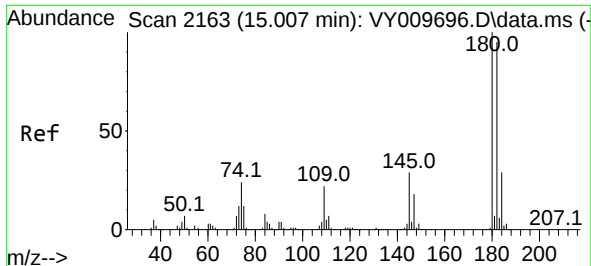
Tgt Ion:146 Resp: 48549
Ion Ratio Lower Upper
146 100
111 38.1 20.3 60.9
148 63.0 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.019 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

Tgt Ion: 75 Resp: 3124
Ion Ratio Lower Upper
75 100
155 99.0 38.0 113.9
157 118.0 47.8 143.3

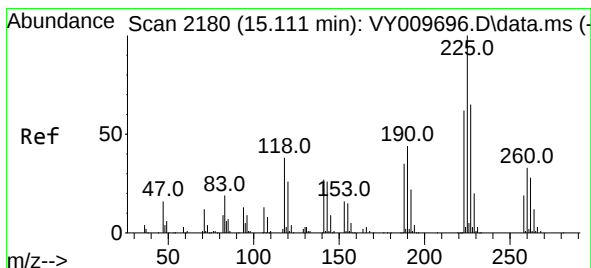
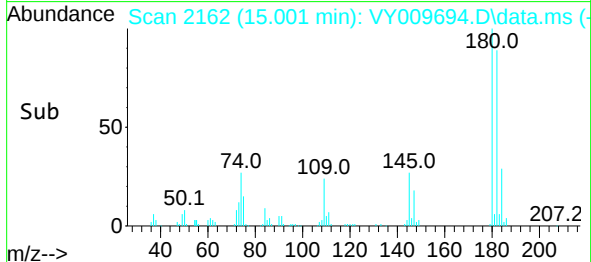
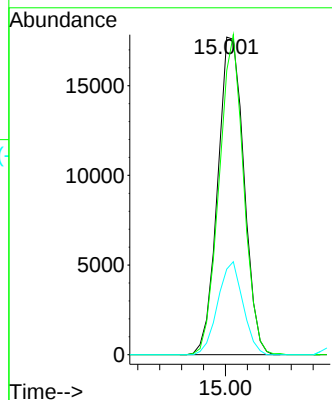
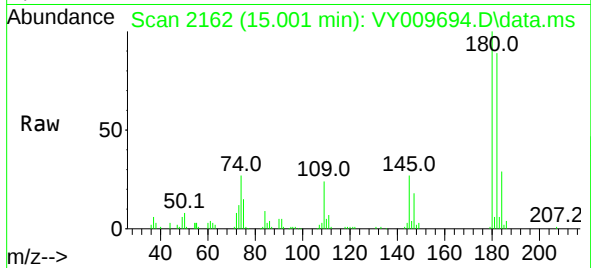




#93
1,2,4-Trichlorobenzene
Concen: 9.945 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

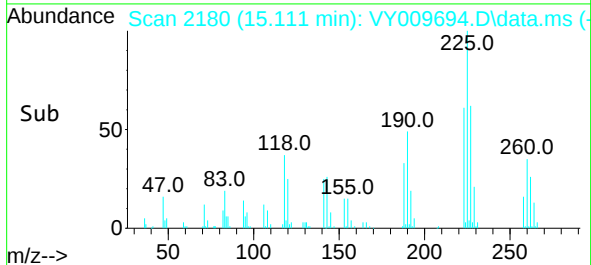
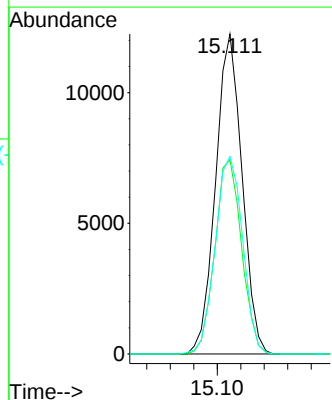
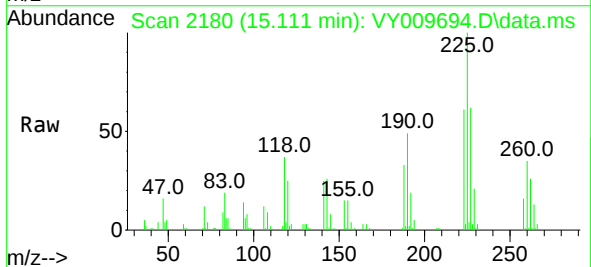
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

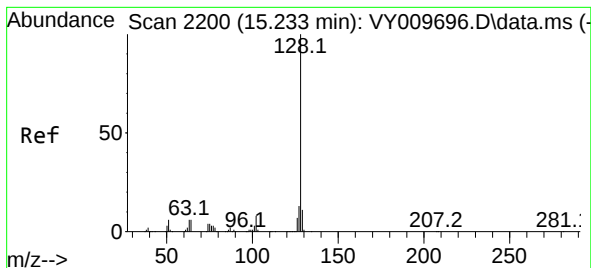
Tgt Ion:180 Resp: 29430
Ion Ratio Lower Upper
180 100
182 93.9 47.3 141.9
145 28.1 14.6 43.8



#94
Hexachlorobutadiene
Concen: 10.764 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY009694.D
Acq: 26 Jul 2022 12:04

Tgt Ion:225 Resp: 19125
Ion Ratio Lower Upper
225 100
223 61.5 30.8 92.3
227 64.2 31.6 94.7





#95

Naphthalene

Concen: 8.871 ug/l

RT: 15.233 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY009694.D

Acq: 26 Jul 2022 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

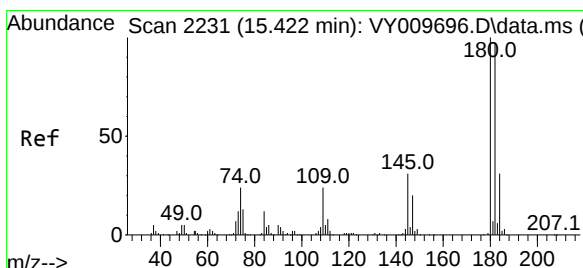
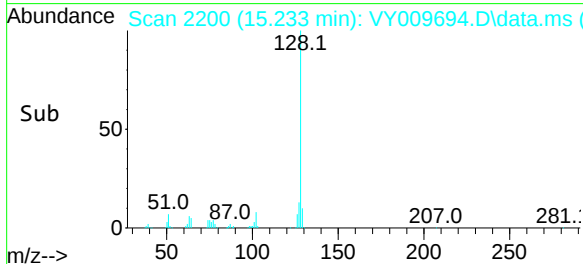
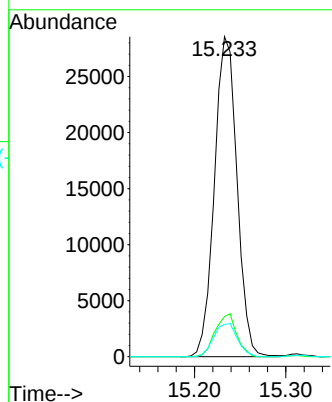
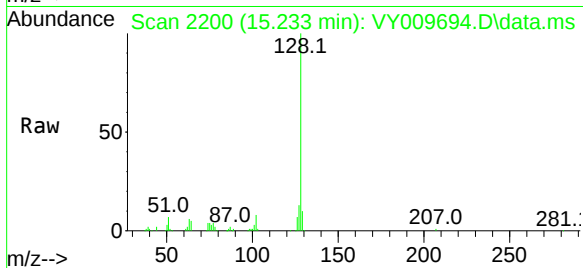
Tgt Ion:128 Resp: 49045

Ion Ratio Lower Upper

128 100

127 12.8 11.0 16.4

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 9.915 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY009694.D

Acq: 26 Jul 2022 12:04

Tgt Ion:180 Resp: 25418

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.9

145 30.8 15.3 45.9

