

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032522\
 Data File : VY008027.D
 Acq On : 25 Mar 2022 15:48
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Mar 25 17:53:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 17:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	161837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	279548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	248955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115715	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	9194	4.178	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	8.360%#
35) Dibromofluoromethane	7.715	113	9043	4.837	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.680%#
50) Toluene-d8	10.178	98	35144	5.178	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	10.360%#
62) 4-Bromofluorobenzene	12.483	95	12640	4.916	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	9.840%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	6680	3.579	ug/l	99
3) Chloromethane	2.113	50	10149	4.041	ug/l	96
4) Vinyl Chloride	2.253	62	12684	4.332	ug/l	98
5) Bromomethane	2.643	94	11640	4.929	ug/l	97
6) Chloroethane	2.796	64	8330	4.359	ug/l	94
7) Trichlorofluoromethane	3.125	101	15459	4.357	ug/l	88
8) Diethyl Ether	3.533	74	4930	3.544	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.905	101	9718	4.423	ug/l	90
10) Methyl Iodide	4.088	142	6610	2.894	ug/l	94
11) Tert butyl alcohol	4.942	59	4486	16.685	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	8979	4.237	ug/l #	79
13) Acrolein	3.728	56	3912	17.051	ug/l	98
14) Allyl chloride	4.472	41	12048	3.459	ug/l #	92
15) Acrylonitrile	5.161	53	12386	16.351	ug/l	98
16) Acetone	3.942	43	10153	15.764	ug/l	92
17) Carbon Disulfide	4.192	76	23791	3.666	ug/l	99
18) Methyl Acetate	4.484	43	9663	4.884	ug/l #	86
19) Methyl tert-butyl Ether	5.222	73	25941	3.722	ug/l	93
20) Methylene Chloride	4.716	84	15462	5.038	ug/l #	75
21) trans-1,2-Dichloroethene	5.222	96	10540	4.201	ug/l #	76
22) Diisopropyl ether	6.118	45	26503	3.522	ug/l #	87
23) Vinyl Acetate	6.057	43	70068	13.681	ug/l #	88
24) 1,1-Dichloroethane	6.015	63	17698	4.133	ug/l	99
25) 2-Butanone	6.990	43	14954	15.230	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	16094	4.183	ug/l	91
27) cis-1,2-Dichloroethene	6.984	96	12494	4.285	ug/l	81
28) Bromochloromethane	7.331	49	7073	4.647	ug/l #	75
29) Tetrahydrofuran	7.344	42	9584	14.735	ug/l #	73
30) Chloroform	7.502	83	18798	4.133	ug/l	99
31) Cyclohexane	7.783	56	18460	4.585	ug/l #	63
32) 1,1,1-Trichloroethane	7.697	97	16564	4.243	ug/l	94
36) 1,1-Dichloropropene	7.917	75	13774	4.351	ug/l	95
37) Ethyl Acetate	7.069	43	6222	3.017	ug/l #	86
38) Carbon Tetrachloride	7.892	117	14696	4.578	ug/l	94
39) Methylcyclohexane	9.185	83	18991	4.615	ug/l #	85
40) Benzene	8.154	78	40928	4.407	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	9385	4.078	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	11717	4.091	ug/l	91
43) Isopropyl Acetate	8.270	43	13070	3.388	ug/l #	86
44) Trichloroethene	8.941	130	11502	4.625	ug/l	94
45) 1,2-Dichloropropane	9.215	63	9858	4.157	ug/l	99
46) Dibromomethane	9.301	93	6327	4.145	ug/l	91
47) Bromodichloromethane	9.496	83	14289	4.239	ug/l	98
48) Methyl methacrylate	9.294	41	5756	3.438	ug/l #	84
49) 1,4-Dioxane	9.294	88	1581	72.132	ug/l #	76
51) 4-Methyl-2-Pentanone	10.069	43	32727	16.605	ug/l	88
52) Toluene	10.246	92	26391	4.465	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	14112	3.896	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	16252	4.022	ug/l #	83
55) 1,1,2-Trichloroethane	10.642	97	8650	4.154	ug/l	93
56) Ethyl methacrylate	10.508	69	10625	3.569	ug/l #	79
57) 1,3-Dichloropropane	10.788	76	14260	4.018	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	26996	21.385	ug/l	91
59) 2-Hexanone	10.831	43	22769	16.353	ug/l	84
60) Dibromochloromethane	10.983	129	9776	4.079	ug/l	98
61) 1,2-Dibromoethane	11.087	107	8179	3.917	ug/l	98
64) Tetrachloroethene	10.721	164	9869	5.171	ug/l	93
65) Chlorobenzene	11.514	112	28567	4.662	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.587	131	10054	4.517	ug/l	97
67) Ethyl Benzene	11.593	91	50688	4.727	ug/l	95
68) m/p-Xylenes	11.703	106	39135	9.353	ug/l	94
69) o-Xylene	12.032	106	18565	4.606	ug/l	95
70) Styrene	12.044	104	29722	4.421	ug/l	96
71) Bromoform	12.209	173	5641	3.984	ug/l #	97
73) Isopropylbenzene	12.331	105	50368	5.040	ug/l	100
74) N-amyl acetate	12.142	43	11253	3.731	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.580	83	9849	4.237	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	12604	4.507	ug/l #	100
77) Bromobenzene	12.605	156	10624	4.489	ug/l	95
78) n-propylbenzene	12.672	91	60330	4.998	ug/l	99
79) 2-Chlorotoluene	12.757	91	33460	4.853	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	41213	4.988	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	3182	3.963	ug/l	83
82) 4-Chlorotoluene	12.855	91	34024	4.782	ug/l	97
83) tert-Butylbenzene	13.074	119	35140	4.917	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	39748	4.868	ug/l	100
85) sec-Butylbenzene	13.251	105	54421	5.051	ug/l	98
86) p-Isopropyltoluene	13.373	119	44226	5.015	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	21884	4.734	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	22653	4.892	ug/l	95
89) n-Butylbenzene	13.696	91	41697	4.942	ug/l	99
90) Hexachloroethane	13.964	117	8531	4.977	ug/l	77
91) 1,2-Dichlorobenzene	13.739	146	19033	4.550	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1607	4.241	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	11197	4.507	ug/l	98
94) Hexachlorobutadiene	15.111	225	6524	5.460	ug/l	95
95) Naphthalene	15.239	128	24177	3.996	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	9426	4.329	ug/l	95

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

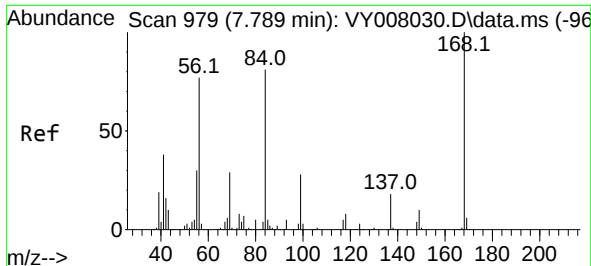
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

TIC: VY008027.D\data.ms

Abundance

Time-->

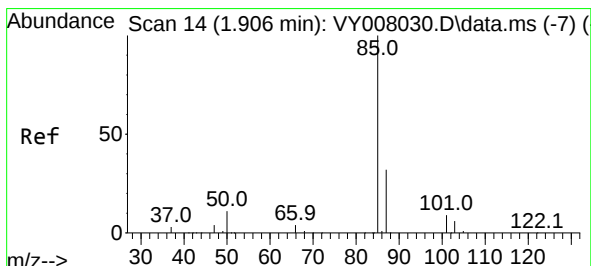
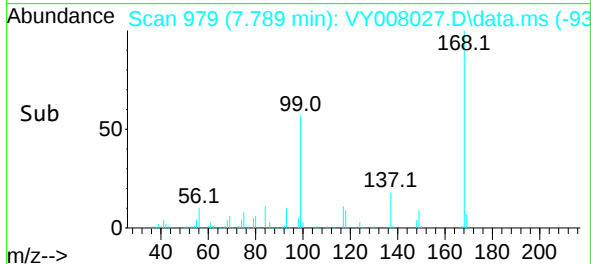
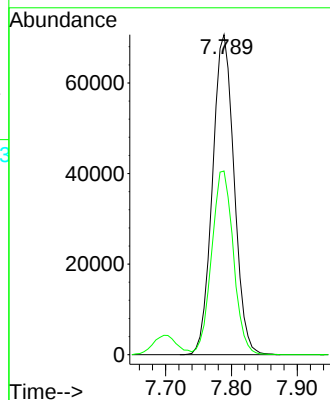
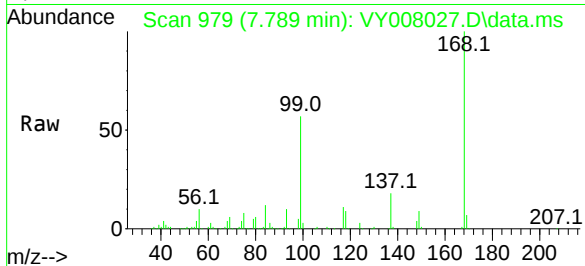
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Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane,T
Diethyl Ether,T
Acrolein,T
Acetone,T
Methyl Carbon Disulfide,T
Methyl Acetate,T
Methylene Chloride,T
Tert butyl alcohol,T
Acrylonitrile,T
1,1-Dichloroethane,T
Ethyl Acetate,T
Ethyl Chloride,T
Chloroform,C
Dichloromethane,T
Dibromochloromethane,T
Isopropyl Acetate,T
1,4-Difluorobenzene,I
Trichloroethene,TM
Dibromochloroethene,T
Bromodichloromethane,T
cis-1,3-Dichloropropene,T
4-Methyl-Pentanone,T
2-Chloroethyl Vinyl ether,T
Ethyl Acetate,T
1,1,2-Trichloroethane,T
1,3-Dichlorobenzene,T
1,2-Dibromochloromethane,T
Chlorobenzene,T
1,2-Dichlorobenzene,T
Styrene,T
Bromethyl Acetate,T
trans-1,4-Dichloro-2-butadiene,T
1,2,3-Trichlorobenzene,T
1,2,4-Trichlorobenzene,T
tert-Butylbenzene,T
sec-Butylbenzene,T
1,4-Dichlorobenzene,T
1,2-Dichlorobenzene,T
Hexachloroethane,T
1,2-Dibromo-3-Chloropropane,T
1,2,4-Trichlorobenzene,T
Hexachlorobutadiene,T
Naphthalene,I
1,2,3-Trichlorobenzene,T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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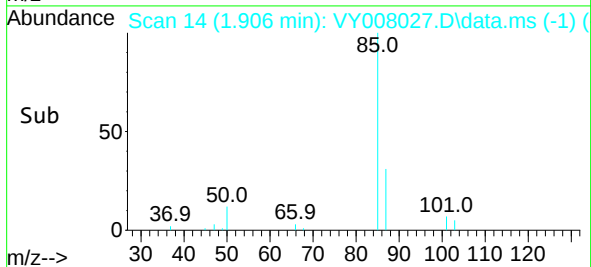
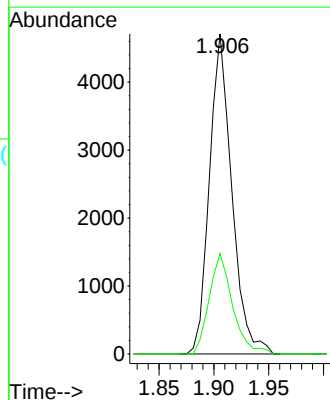
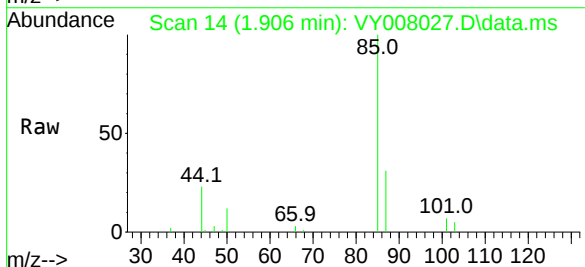
Instrument :
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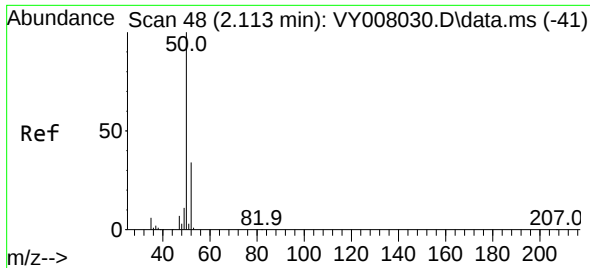
Tgt Ion:168 Resp: 161837
Ion Ratio Lower Upper
168 100
99 57.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 3.579 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion: 85 Resp: 6680
Ion Ratio Lower Upper
85 100
87 31.4 16.1 48.2

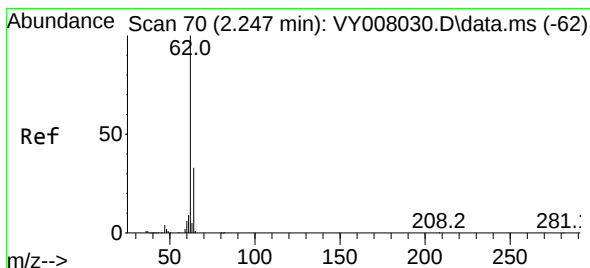
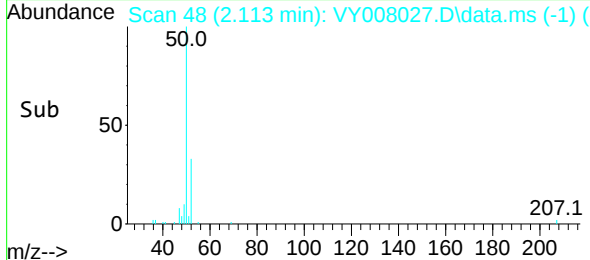
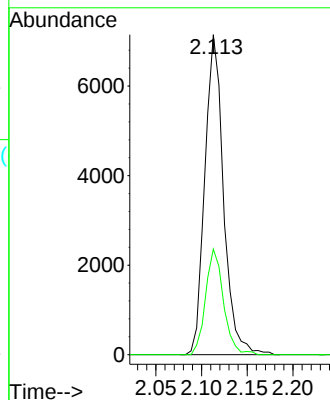
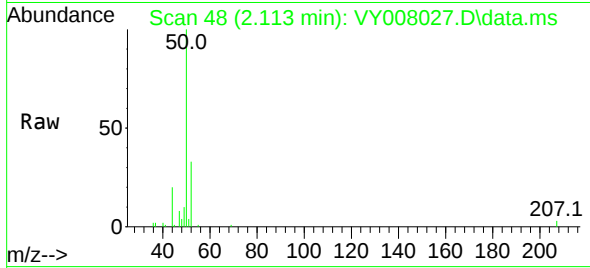




#3
Chloromethane
Concen: 4.041 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

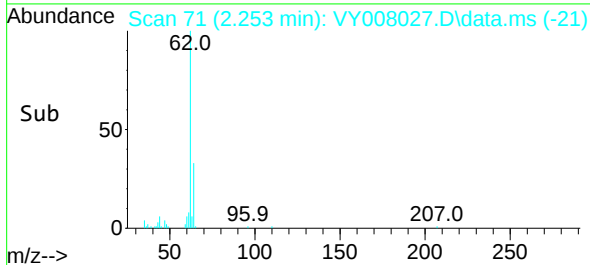
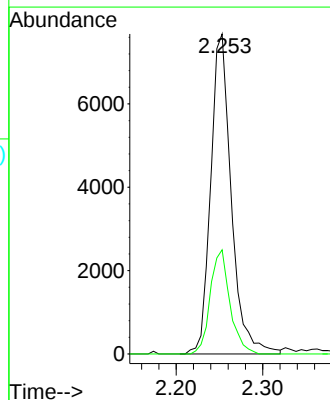
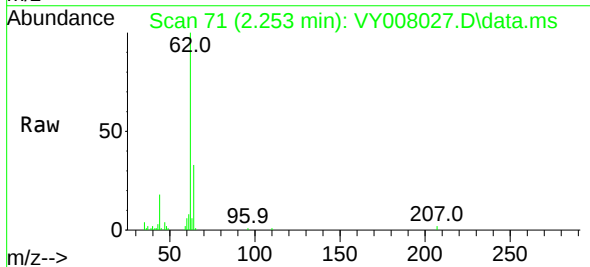
Instrument :
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ClientSampleId :
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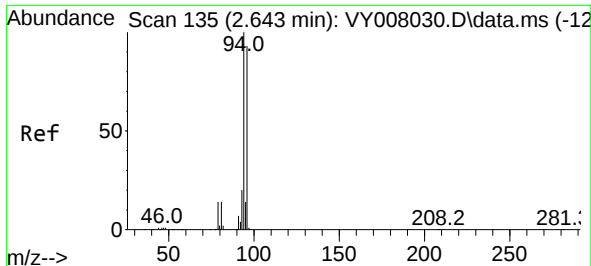
Tgt Ion: 50 Resp: 10149
Ion Ratio Lower Upper
50 100
52 33.0 24.6 37.0



#4
Vinyl Chloride
Concen: 4.332 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion: 62 Resp: 12684
Ion Ratio Lower Upper
62 100
64 32.5 25.0 37.6

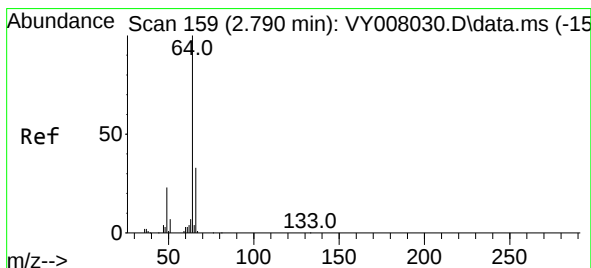
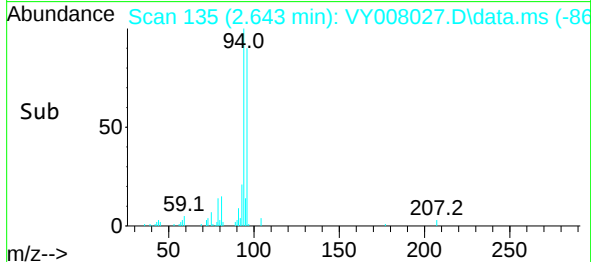
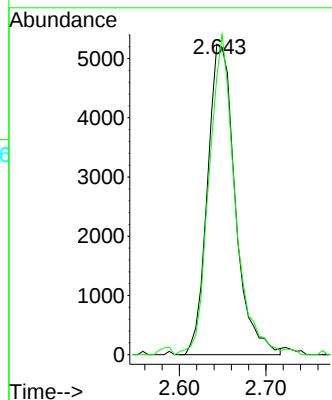
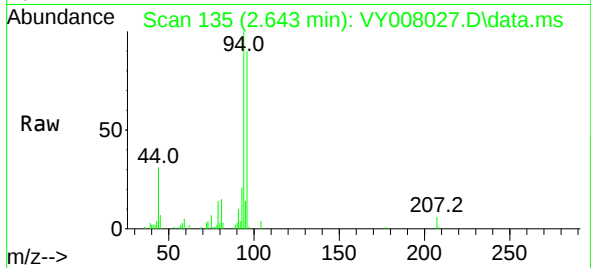




#5
Bromomethane
Concen: 4.929 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008027.D
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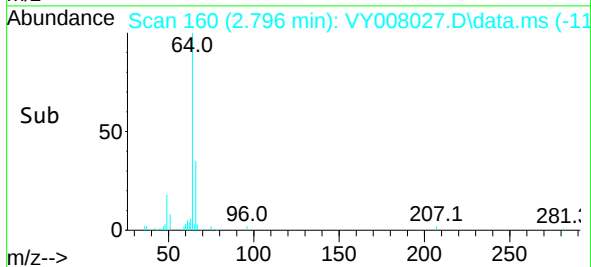
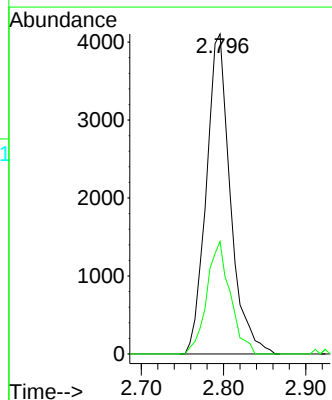
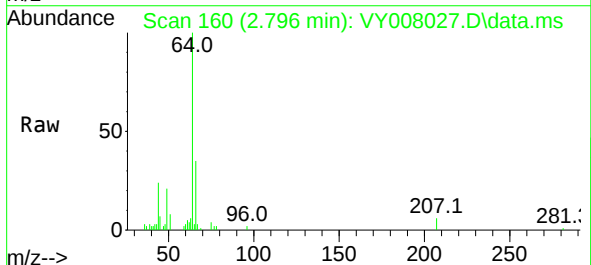
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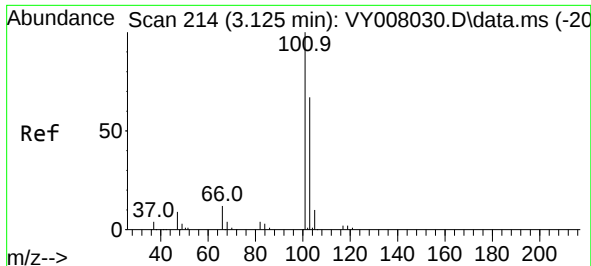
Tgt Ion: 94 Resp: 11640
Ion Ratio Lower Upper
94 100
96 88.7 73.5 110.3



#6
Chloroethane
Concen: 4.359 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion: 64 Resp: 8330
Ion Ratio Lower Upper
64 100
66 35.2 25.4 38.0

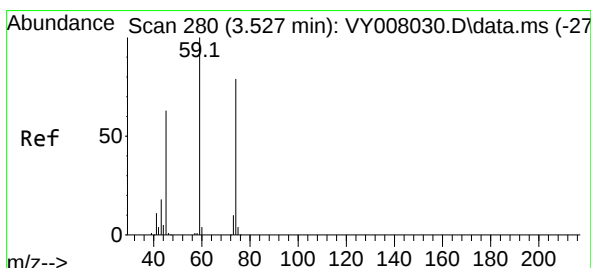
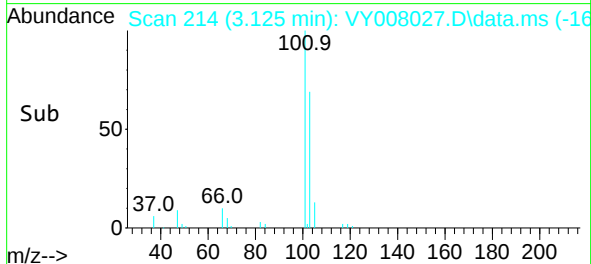
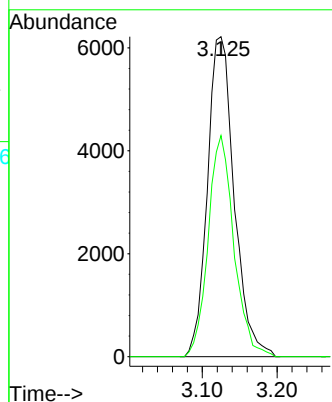
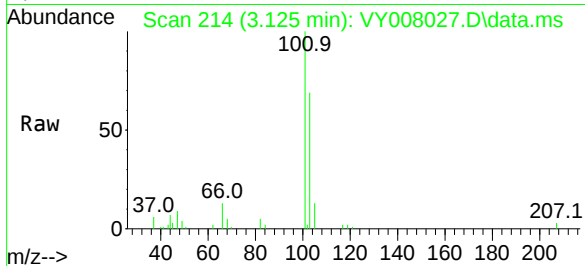




#7
Trichlorofluoromethane
Concen: 4.357 ug/l
RT: 3.125 min Scan# 214
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

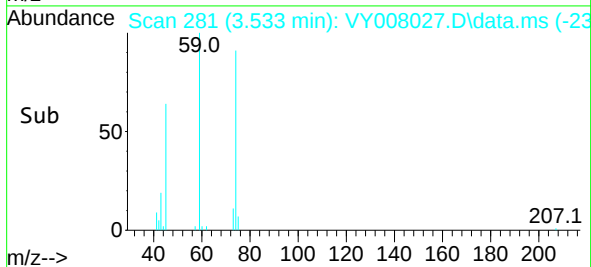
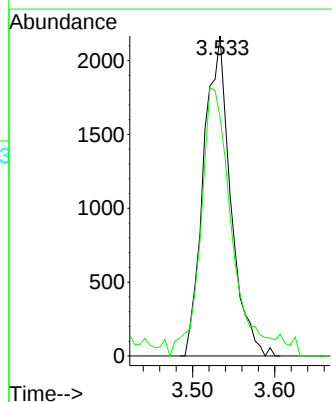
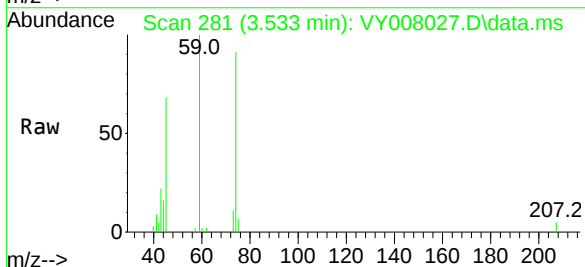
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

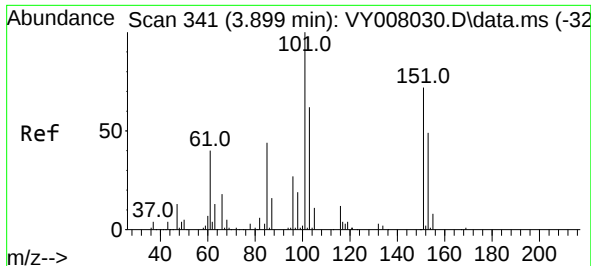
Tgt Ion:101 Resp: 15459
Ion Ratio Lower Upper
101 100
103 69.1 48.0 72.0



#8
Diethyl Ether
Concen: 3.544 ug/l
RT: 3.533 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion: 74 Resp: 4930
Ion Ratio Lower Upper
74 100
45 98.7 55.1 165.5

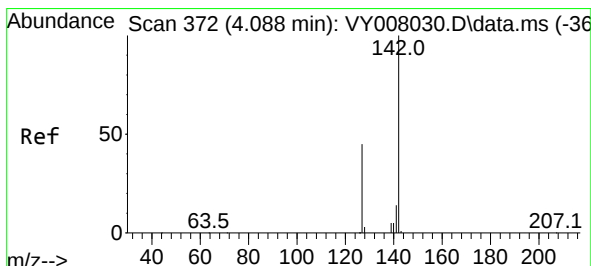
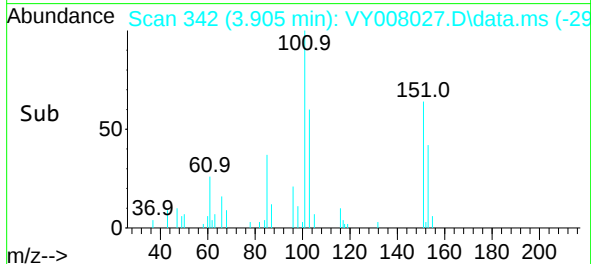
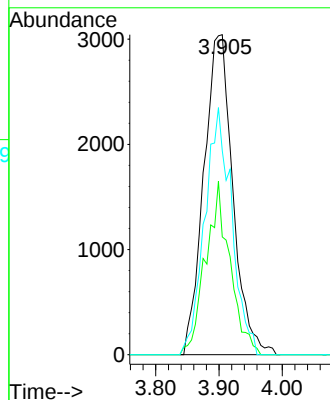
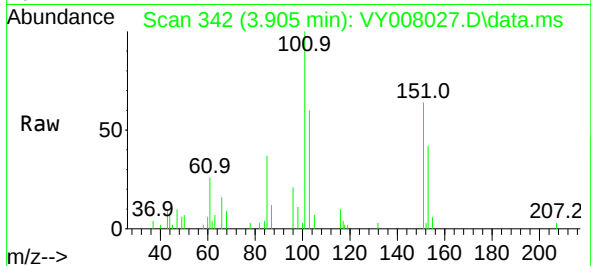




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.423 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

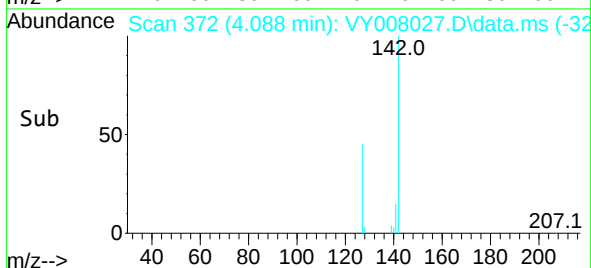
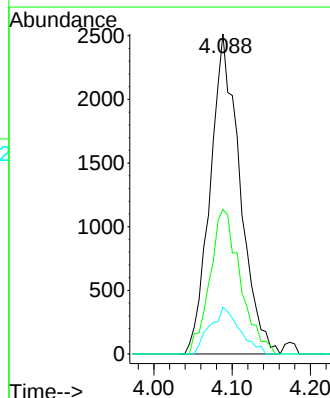
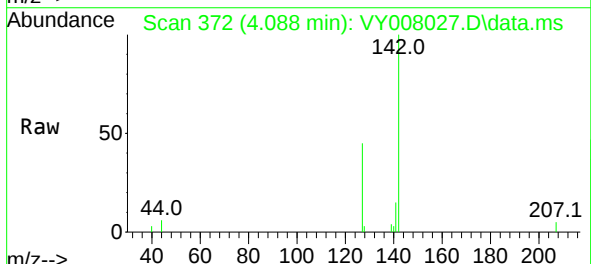
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

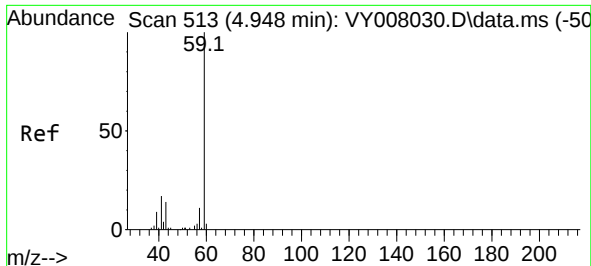
Tgt Ion:101 Resp: 9718
Ion Ratio Lower Upper
101 100
85 45.3 40.6 60.8
151 71.7 64.9 97.3



#10
Methyl Iodide
Concen: 2.894 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion:142 Resp: 6610
Ion Ratio Lower Upper
142 100
127 46.4 41.5 62.3
141 14.6 11.9 17.9





#11

Tert butyl alcohol

Concen: 16.685 ug/l

RT: 4.942 min Scan# 513

Delta R.T. -0.006 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

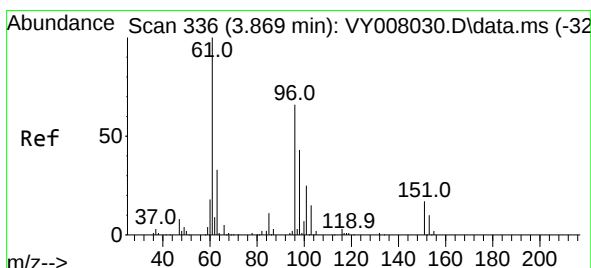
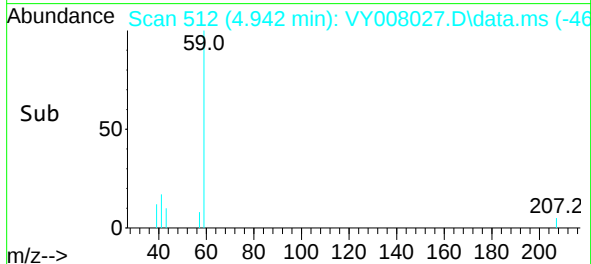
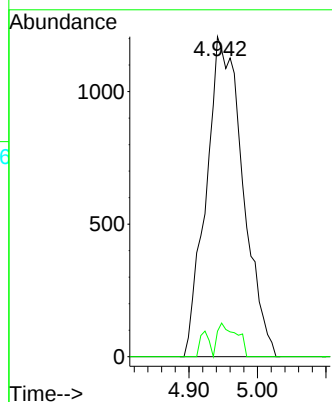
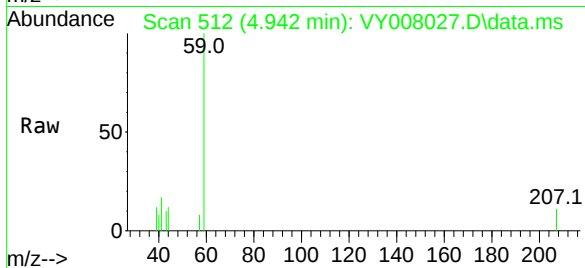
VSTDIC005

Tgt Ion: 59 Resp: 4486

Ion Ratio Lower Upper

59 100

57 5.5 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 4.237 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.000 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

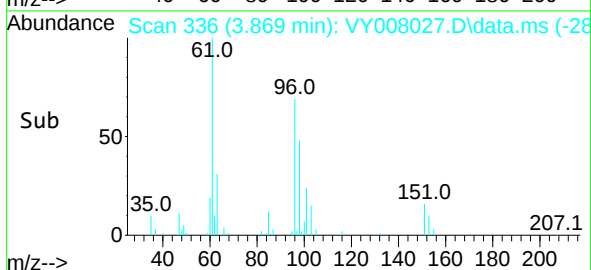
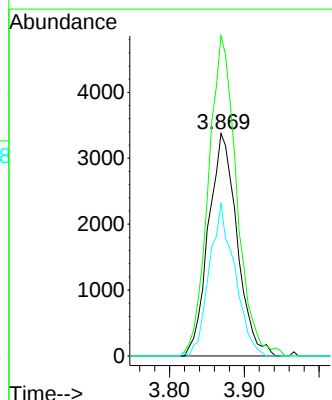
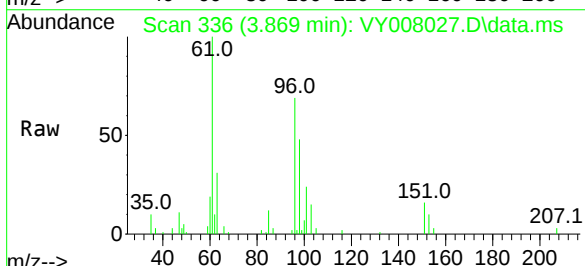
Tgt Ion: 96 Resp: 8979

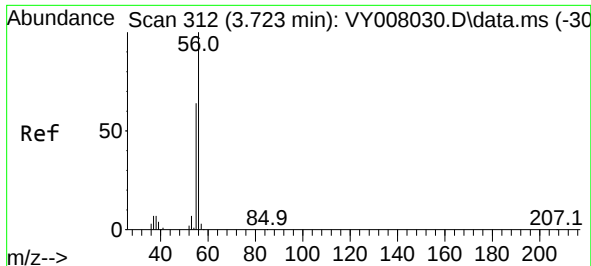
Ion Ratio Lower Upper

96 100

61 143.9 145.8 218.6#

98 68.5 52.5 78.7

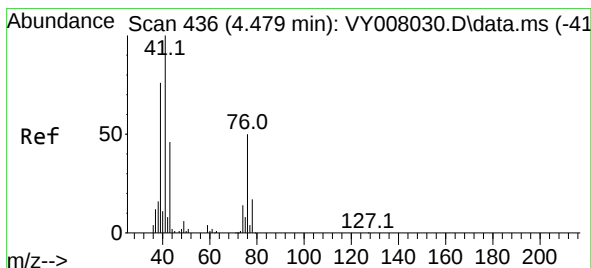
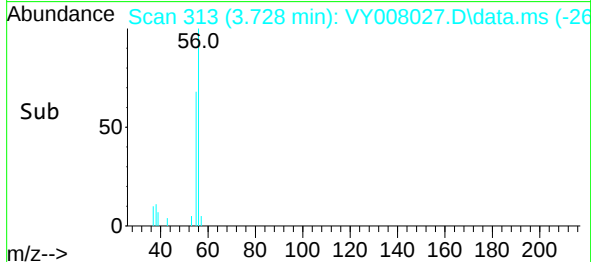
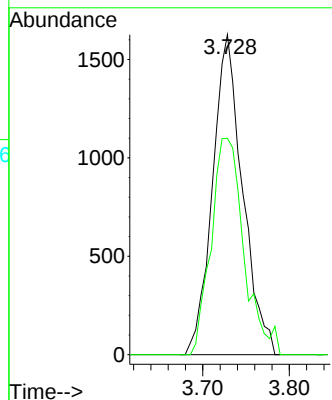
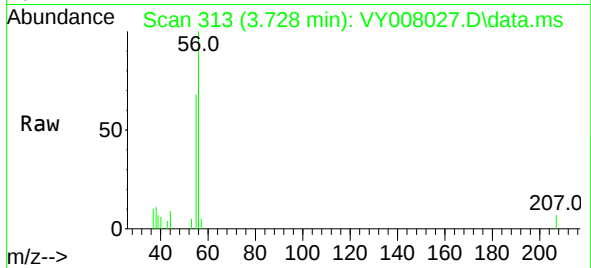




#13
Acrolein
Concen: 17.051 ug/l
RT: 3.728 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

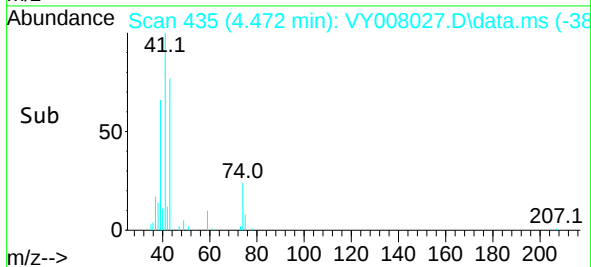
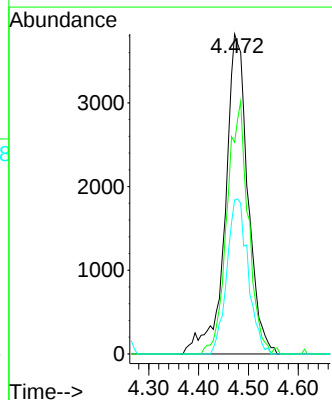
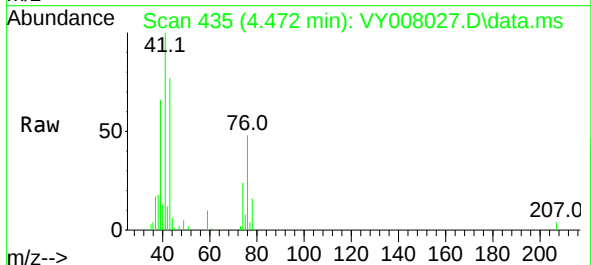
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

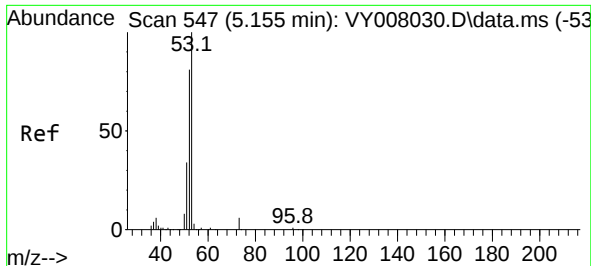
Tgt Ion: 56 Resp: 3912
Ion Ratio Lower Upper
56 100
55 73.9 57.6 86.4



#14
Allyl chloride
Concen: 3.459 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion: 41 Resp: 12048
Ion Ratio Lower Upper
41 100
39 73.9 58.8 88.2
76 45.4 25.1 37.7#

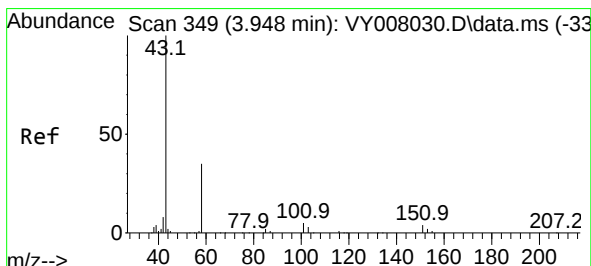
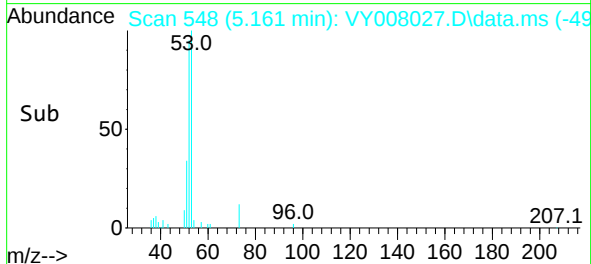
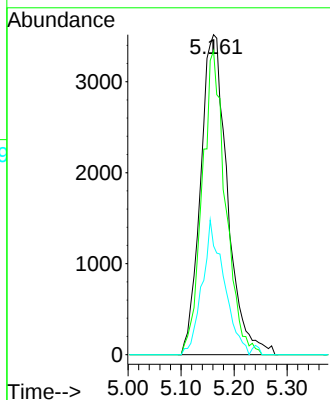
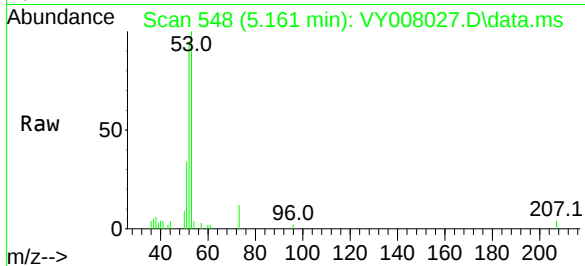




#15
Acrylonitrile
Concen: 16.351 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

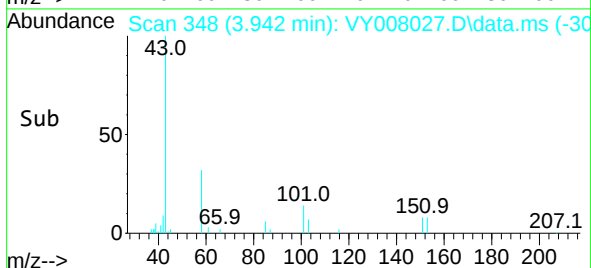
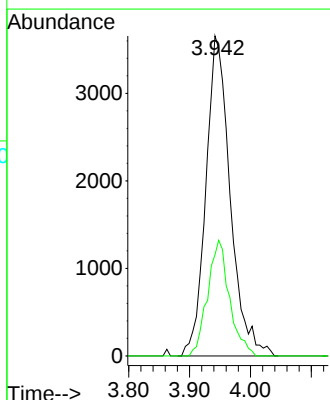
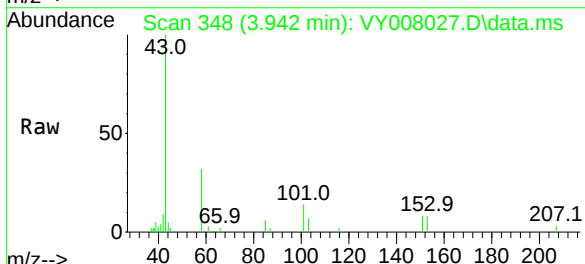
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

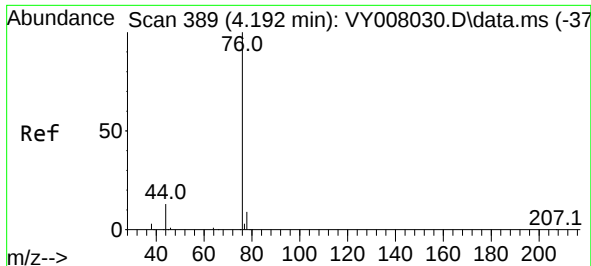
Tgt Ion: 53 Resp: 12386
Ion Ratio Lower Upper
53 100
52 82.6 67.0 100.4
51 34.4 29.8 44.6



#16
Acetone
Concen: 15.764 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion: 43 Resp: 10153
Ion Ratio Lower Upper
43 100
58 31.6 22.0 33.0

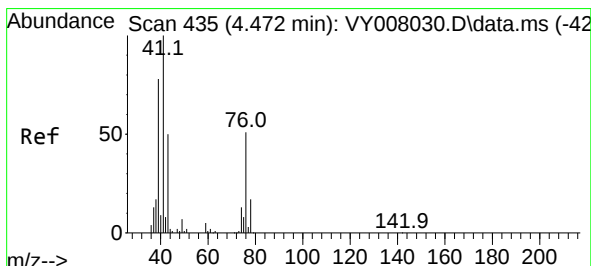
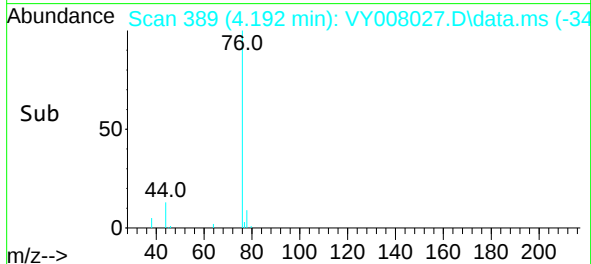
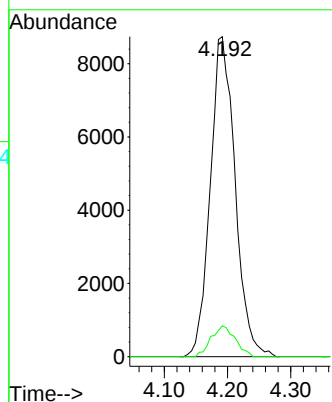
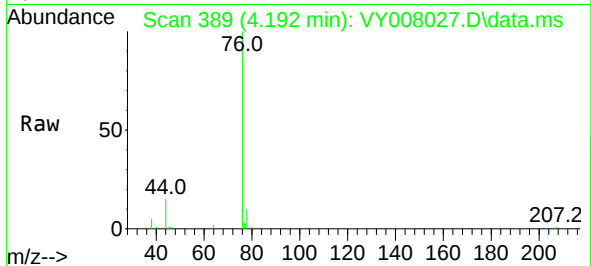




#17
Carbon Disulfide
Concen: 3.666 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

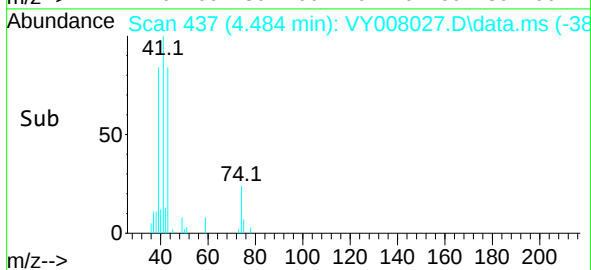
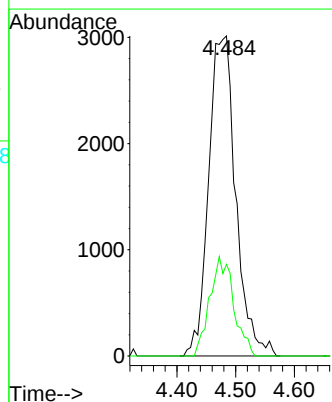
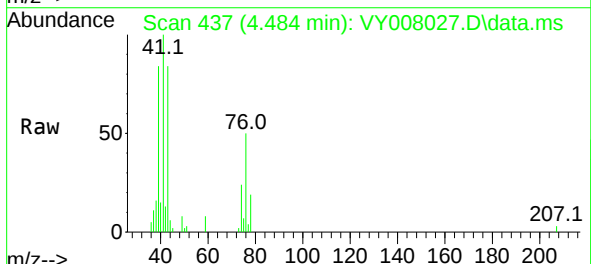
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

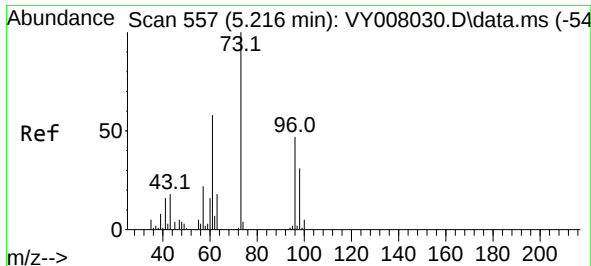
Tgt Ion: 76 Resp: 23791
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 4.884 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.012 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion: 43 Resp: 9663
Ion Ratio Lower Upper
43 100
74 27.3 16.6 24.8#

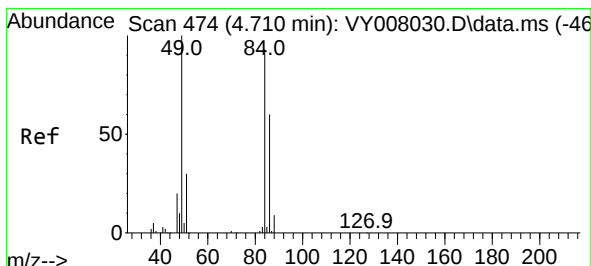
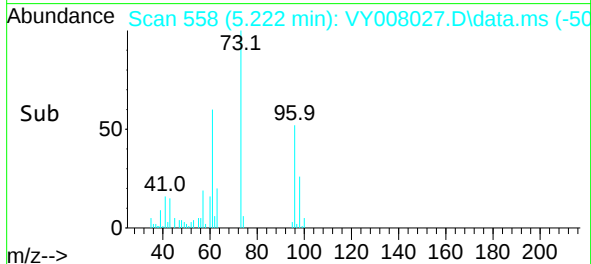
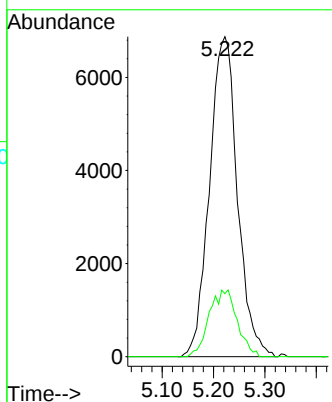
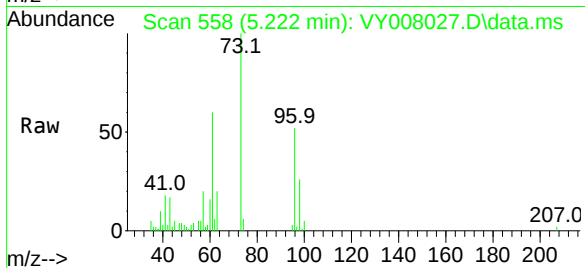




#19
Methyl tert-butyl Ether
Concen: 3.722 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

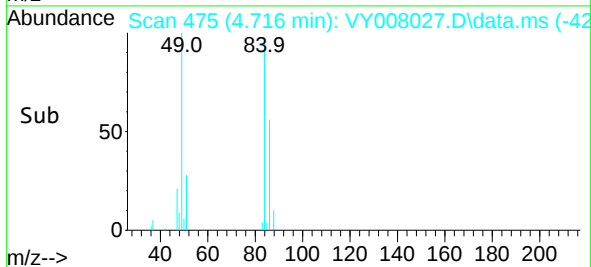
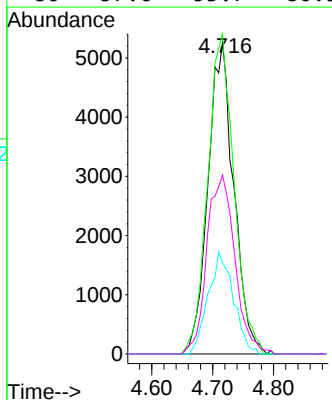
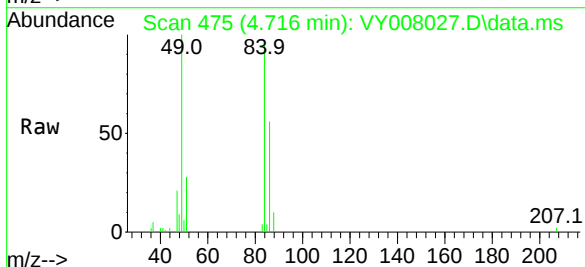
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

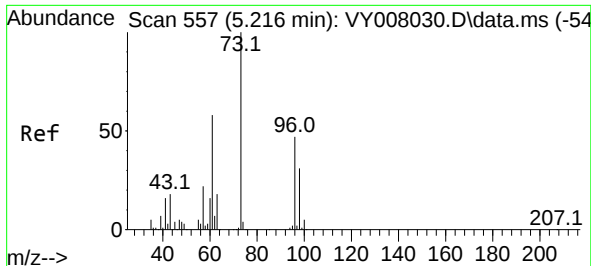
Tgt Ion: 73 Resp: 25941
Ion Ratio Lower Upper
73 100
57 19.7 18.6 27.8



#20
Methylene Chloride
Concen: 5.038 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion: 84 Resp: 15462
Ion Ratio Lower Upper
84 100
49 103.0 114.4 171.6#
51 29.2 35.3 52.9#
86 57.6 53.7 80.5

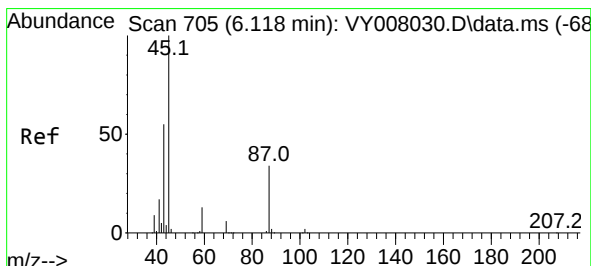
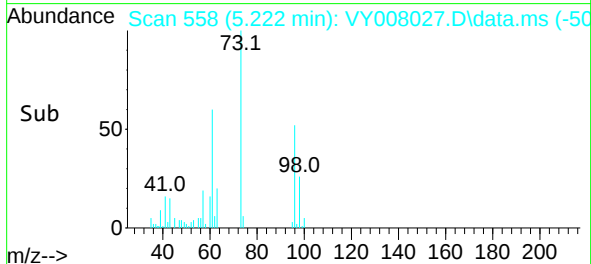
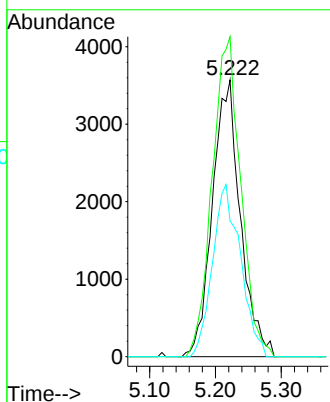
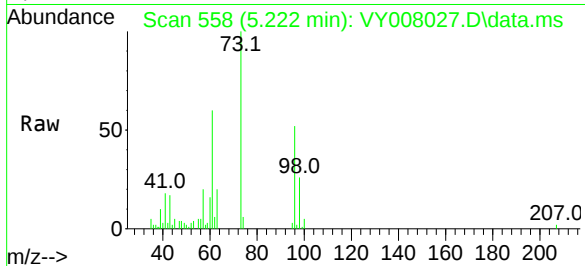




#21
trans-1,2-Dichloroethene
Concen: 4.201 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

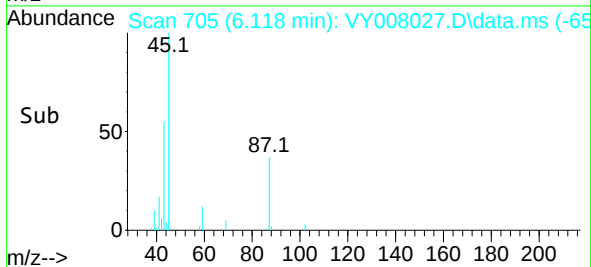
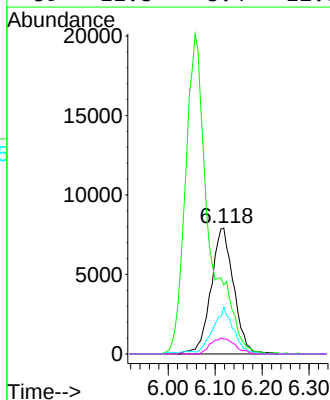
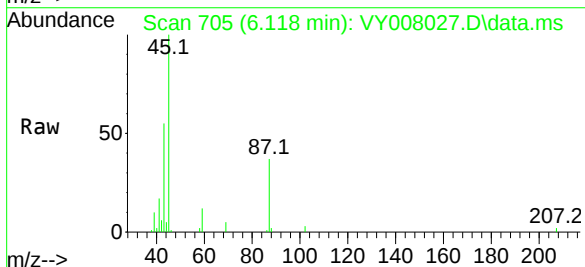
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

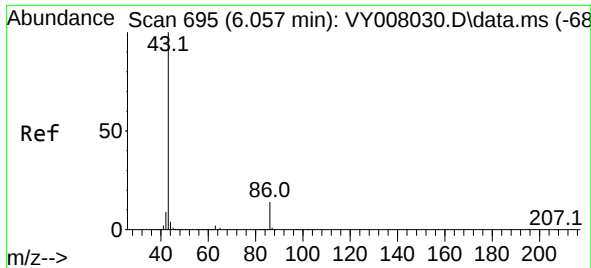
Tgt Ion: 96 Resp: 10540
Ion Ratio Lower Upper
96 100
61 115.7 120.5 180.7#
98 49.1 49.8 74.8#



#22
Diisopropyl ether
Concen: 3.522 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion: 45 Resp: 26503
Ion Ratio Lower Upper
45 100
43 53.8 49.3 73.9
87 37.0 19.2 28.8#
59 11.8 8.4 12.6

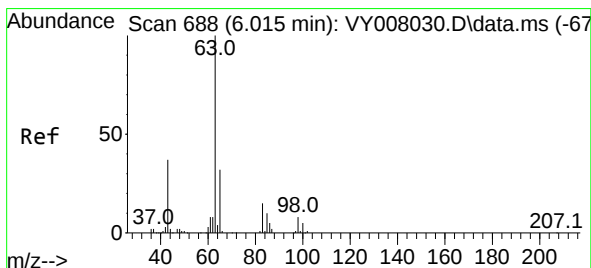
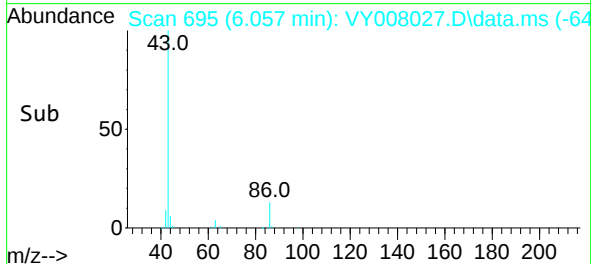
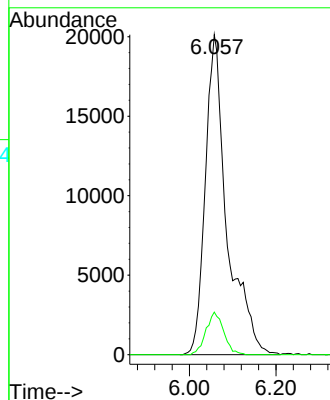
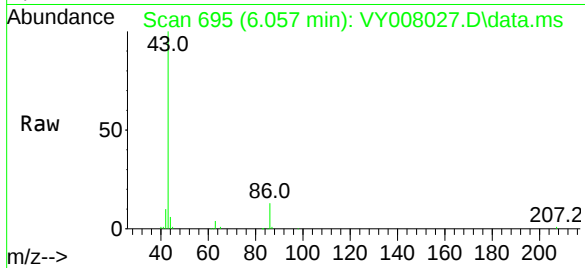




#23
 Vinyl Acetate
 Concen: 13.681 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY008027.D
 Acq: 25 Mar 2022 15:48

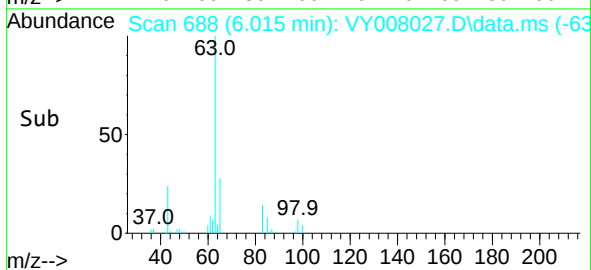
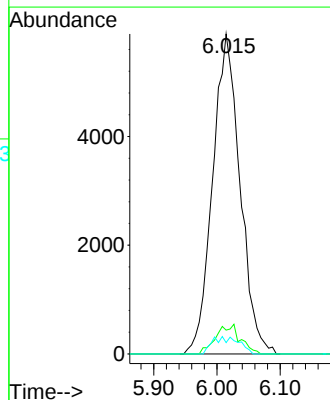
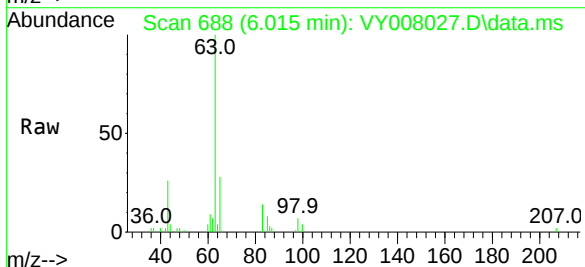
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

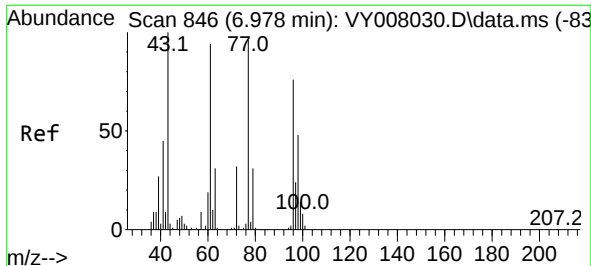
Tgt Ion: 43 Resp: 70068
 Ion Ratio Lower Upper
 43 100
 86 13.3 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 4.133 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY008027.D
 Acq: 25 Mar 2022 15:48

Tgt Ion: 63 Resp: 17698
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 3.5 2.0 5.8





#25

2-Butanone

Concen: 15.230 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

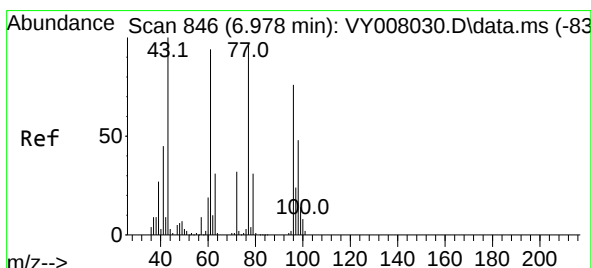
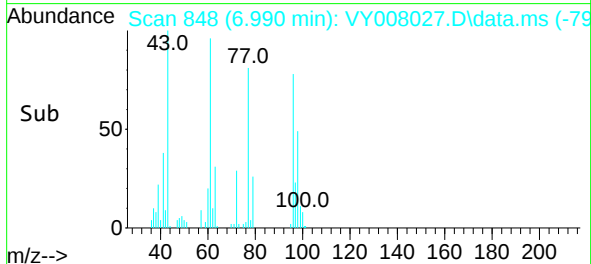
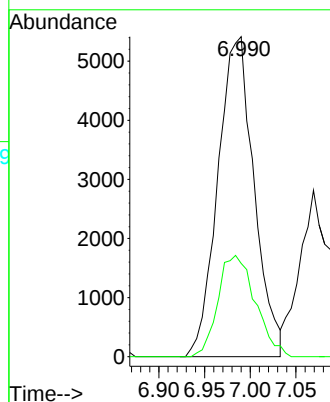
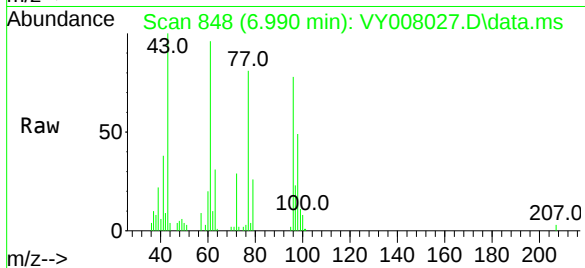
VSTDIC005

Tgt Ion: 43 Resp: 14954

Ion Ratio Lower Upper

43 100

72 29.2 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 4.183 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY008027.D

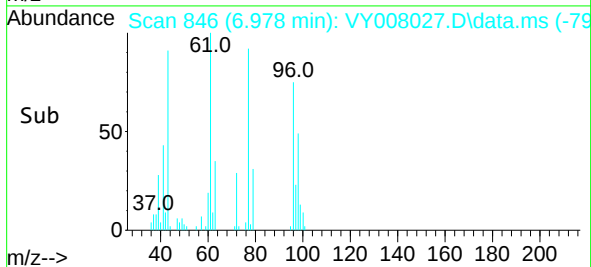
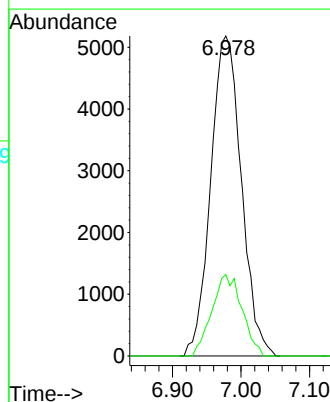
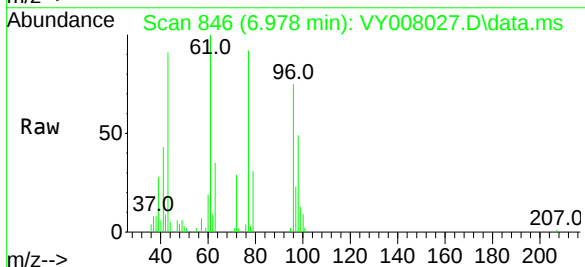
Acq: 25 Mar 2022 15:48

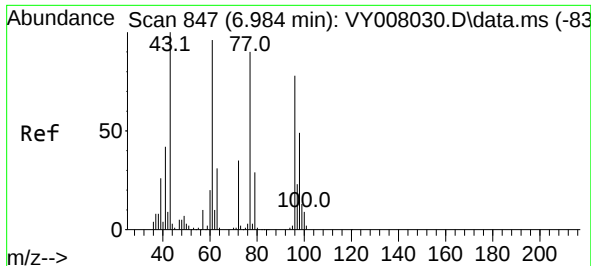
Tgt Ion: 77 Resp: 16094

Ion Ratio Lower Upper

77 100

97 25.0 10.4 31.4



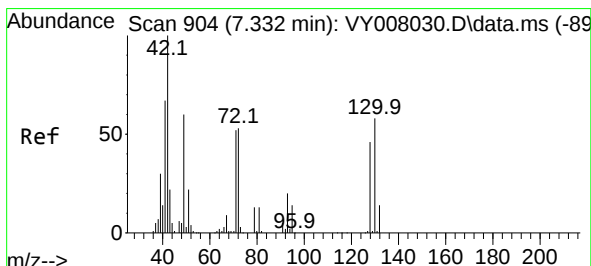
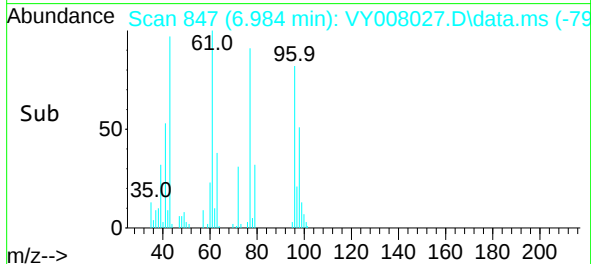
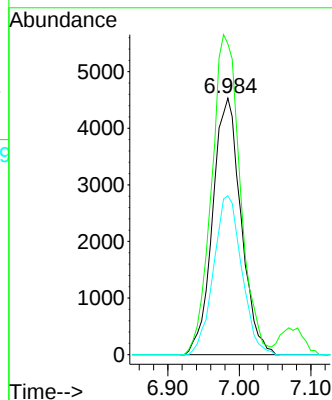
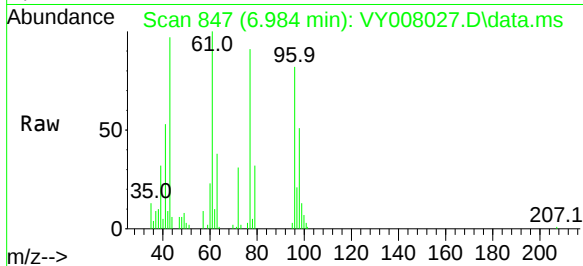


#27
 cis-1,2-Dichloroethene
 Concen: 4.285 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY008027.D
 Acq: 25 Mar 2022 15:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 12494

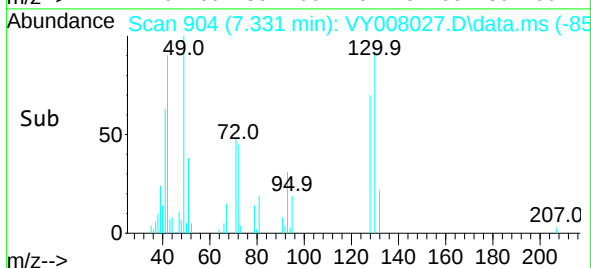
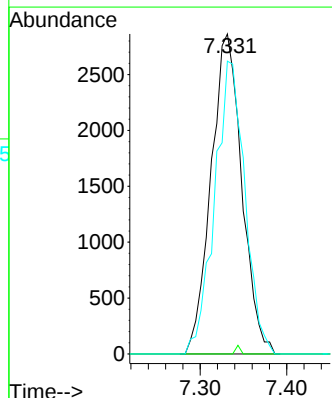
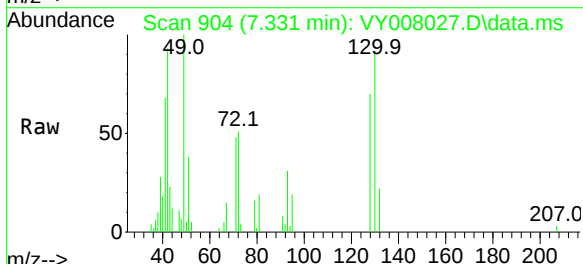
Ion	Ratio	Lower	Upper
96	100		
61	126.5	0.0	319.8
98	61.6	0.0	127.0

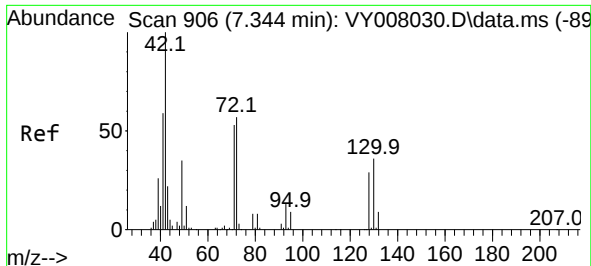


#28
 Bromochloromethane
 Concen: 4.647 ug/l
 RT: 7.331 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY008027.D
 Acq: 25 Mar 2022 15:48

Tgt Ion: 49 Resp: 7073

Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	2.2
130	89.7	55.4	83.0





#29

Tetrahydrofuran

Concen: 14.735 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY008027.D

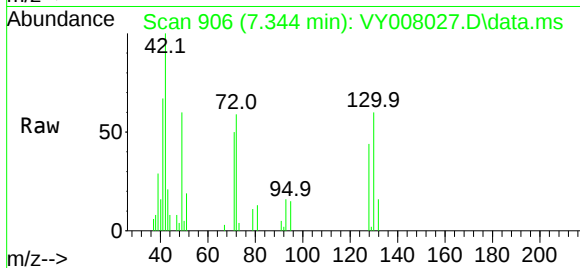
Acq: 25 Mar 2022 15:48

Instrument :

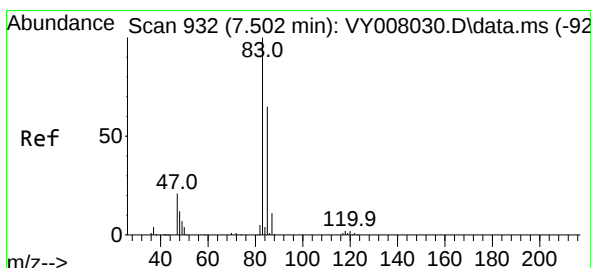
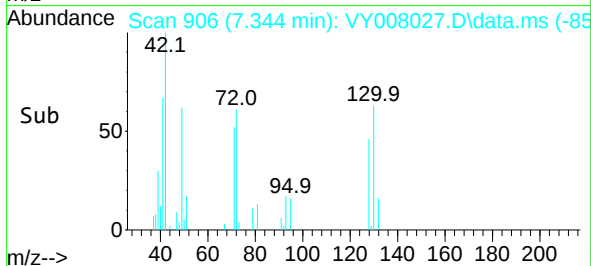
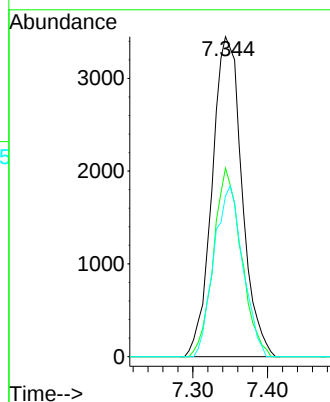
MSVOA_Y

ClientSampleId :

VSTDIC005



Tgt Ion:	42	Resp:	9584
Ion	Ratio	Lower	Upper
42	100		
72	54.8	30.3	45.5#
71	51.5	29.0	43.4#



#30

Chloroform

Concen: 4.133 ug/l

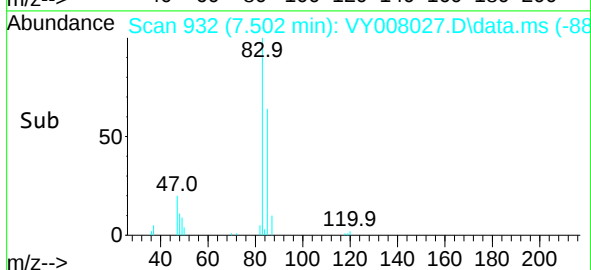
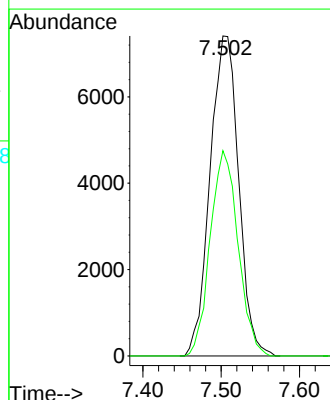
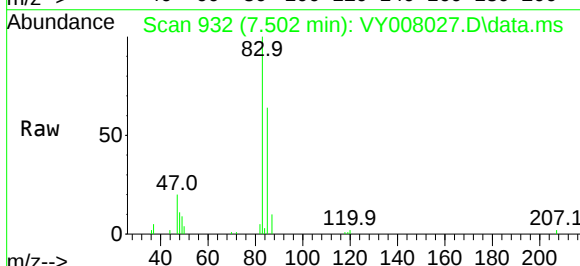
RT: 7.502 min Scan# 932

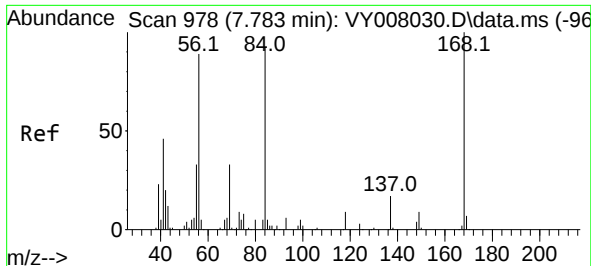
Delta R.T. -0.000 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

Tgt Ion:	83	Resp:	18798
Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.8	77.6

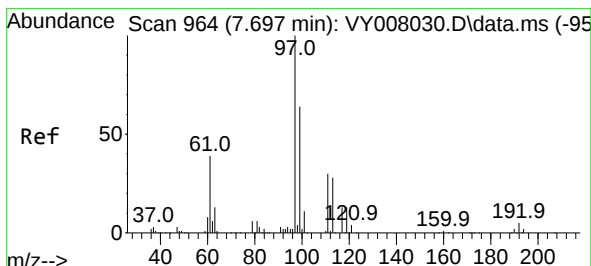
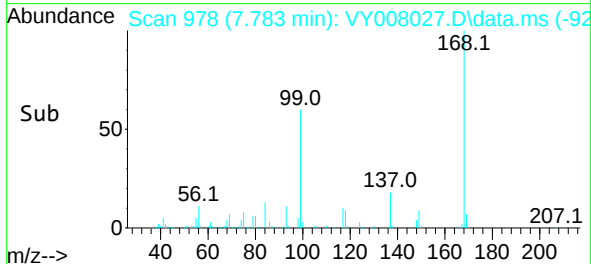
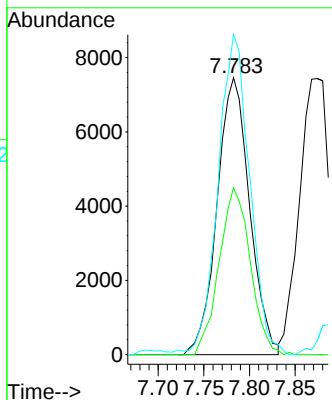
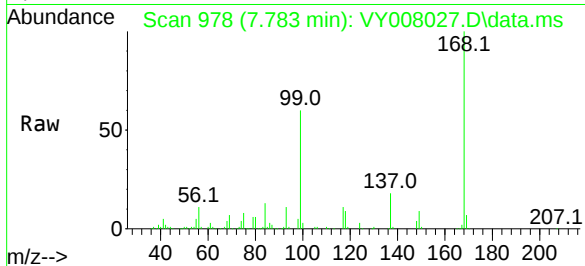




#31
Cyclohexane
Concen: 4.585 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

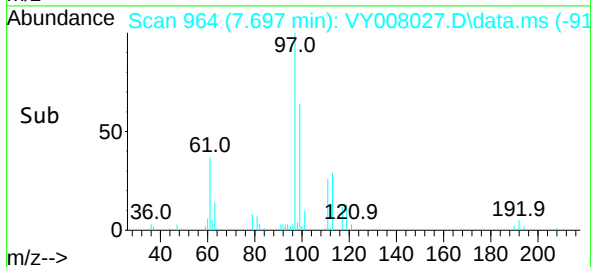
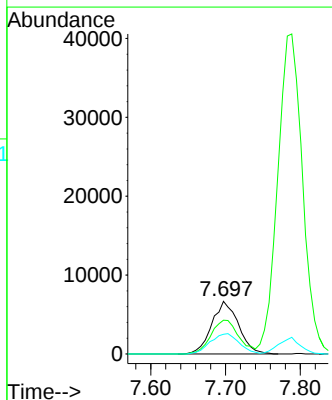
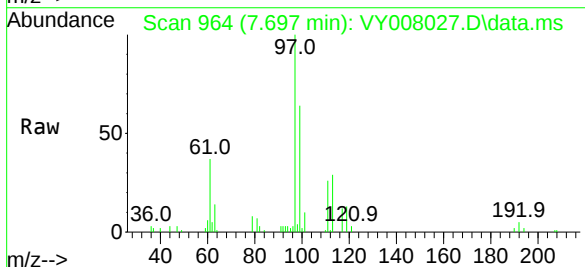
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

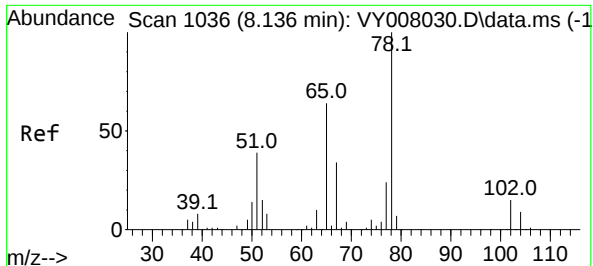
Tgt Ion: 56 Resp: 18460
Ion Ratio Lower Upper
56 100
69 60.2 26.7 40.1#
84 113.8 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 4.243 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion: 97 Resp: 16564
Ion Ratio Lower Upper
97 100
99 67.2 50.7 76.1
61 41.6 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 4.178 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

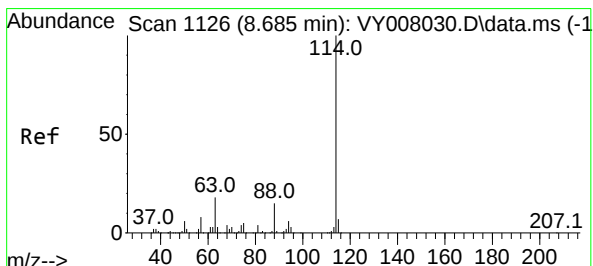
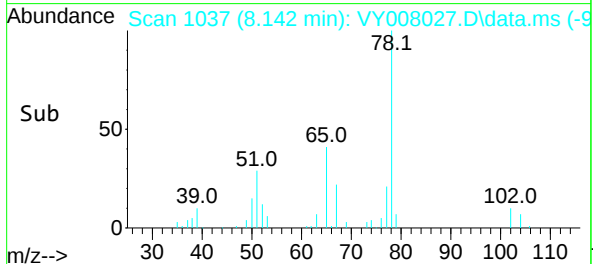
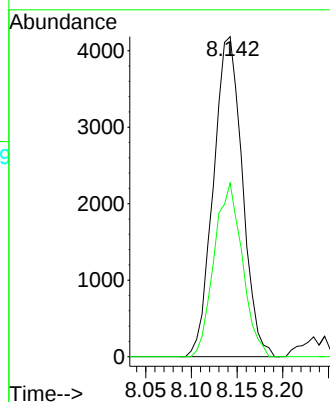
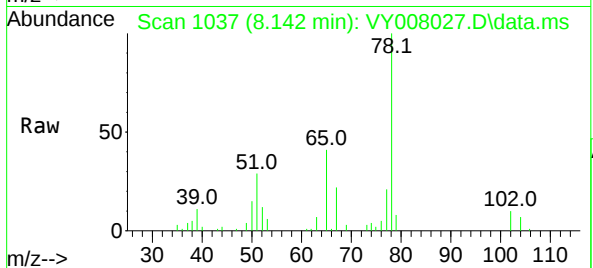
VSTDIC005

Tgt Ion: 65 Resp: 9194

Ion Ratio Lower Upper

65 100

67 52.7 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: VY008027.D

Acq: 25 Mar 2022 15:48

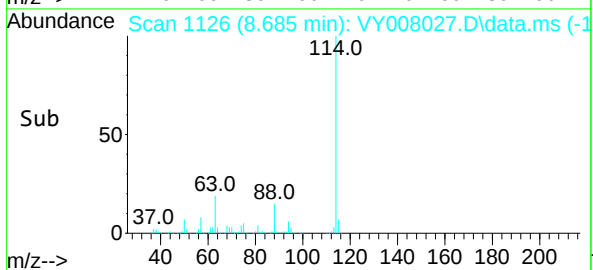
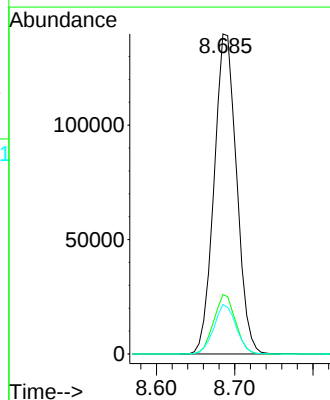
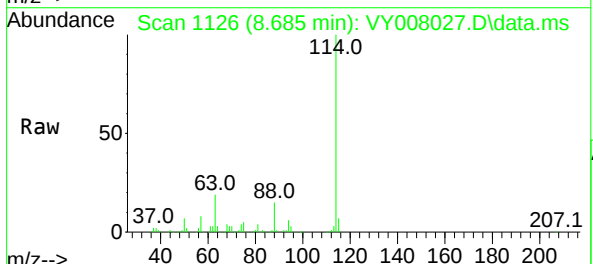
Tgt Ion: 114 Resp: 279548

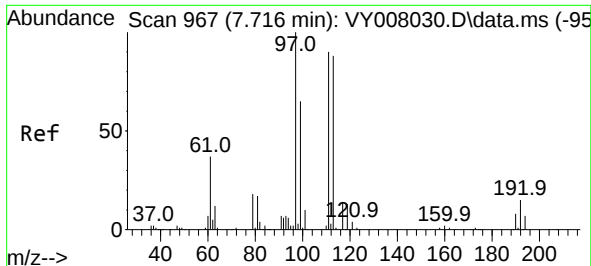
Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 15.5 0.0 31.8

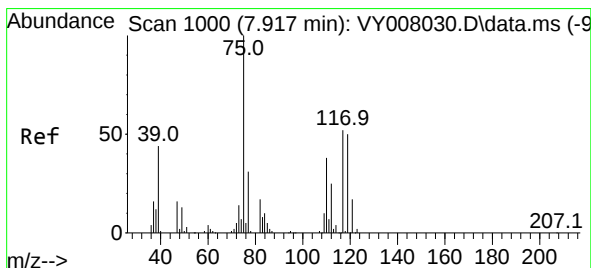
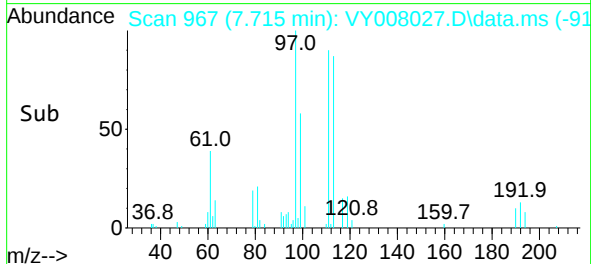
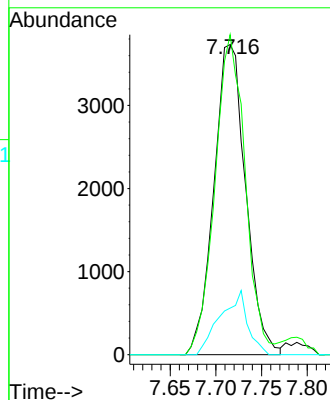
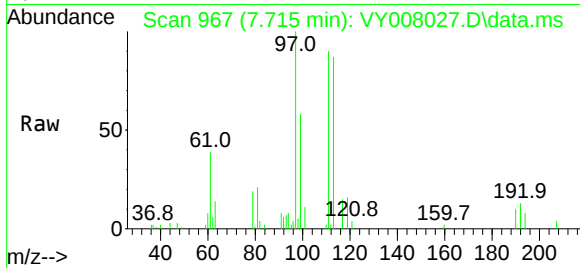




#35
Dibromofluoromethane
Concen: 4.837 ug/l
RT: 7.715 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

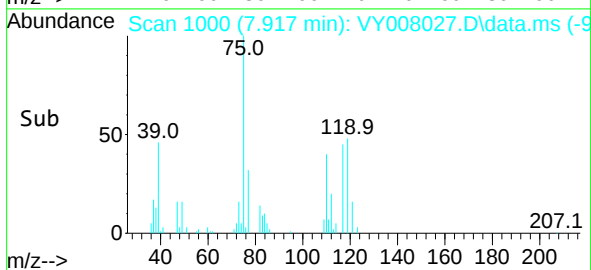
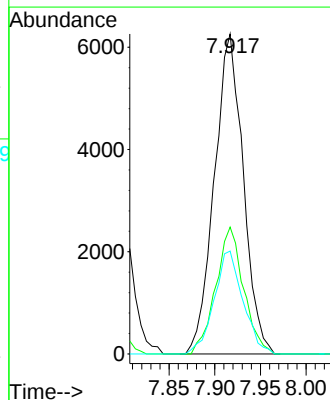
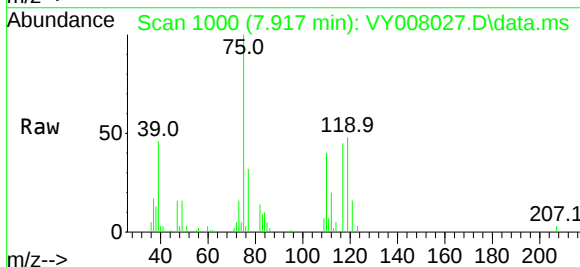
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

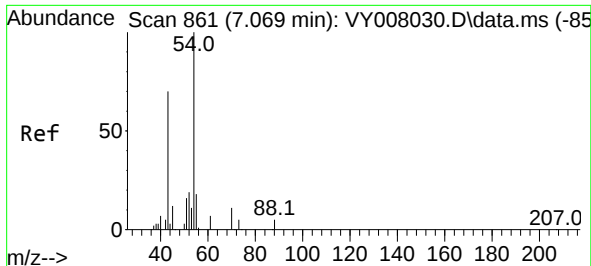
Tgt Ion:113 Resp: 9043
Ion Ratio Lower Upper
113 100
111 98.1 82.6 124.0
192 17.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.351 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion: 75 Resp: 13774
Ion Ratio Lower Upper
75 100
110 38.2 17.1 51.2
77 32.0 24.4 36.6





#37

Ethyl Acetate

Concen: 3.017 ug/l

RT: 7.069 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

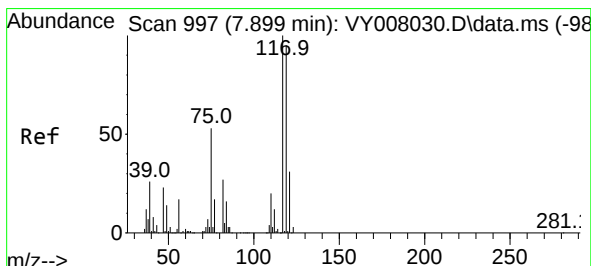
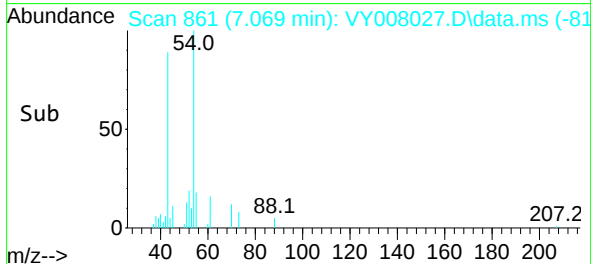
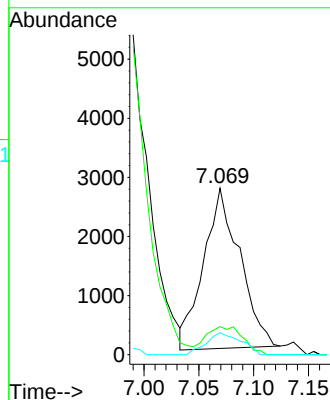
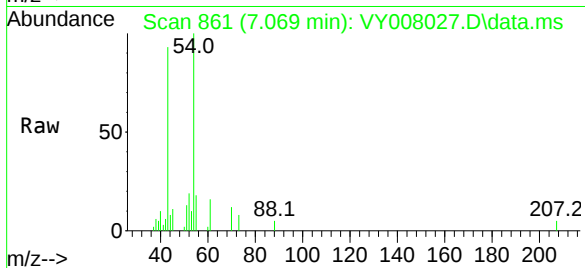
Tgt Ion: 43 Resp: 6222

Ion Ratio Lower Upper

43 100

61 17.9 9.7 14.5#

70 13.1 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 4.578 ug/l

RT: 7.892 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

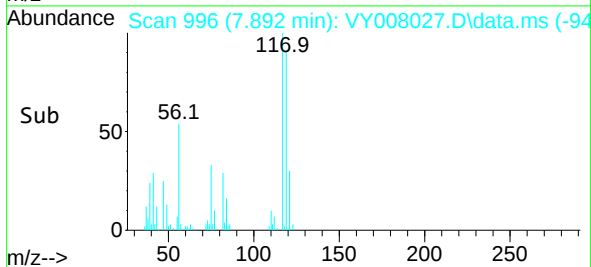
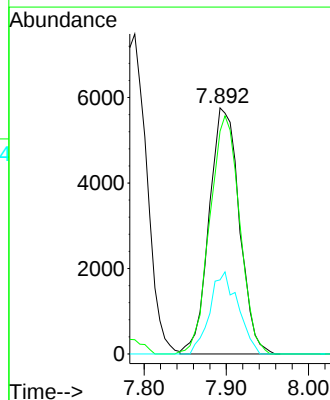
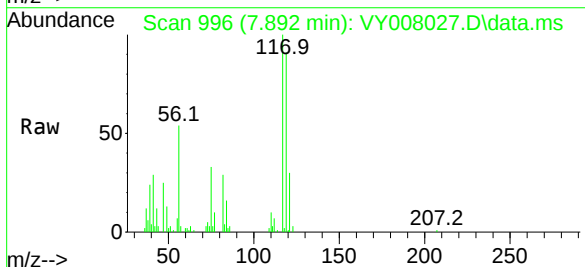
Tgt Ion: 117 Resp: 14696

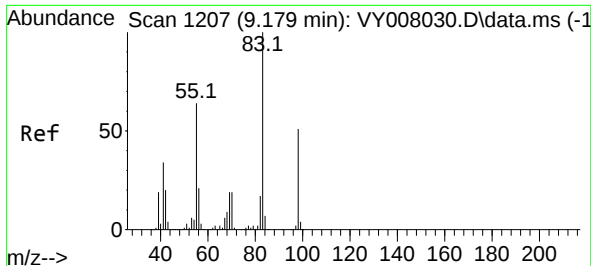
Ion Ratio Lower Upper

117 100

119 90.5 77.9 116.9

121 30.1 24.8 37.2





#39

Methylcyclohexane

Concen: 4.615 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

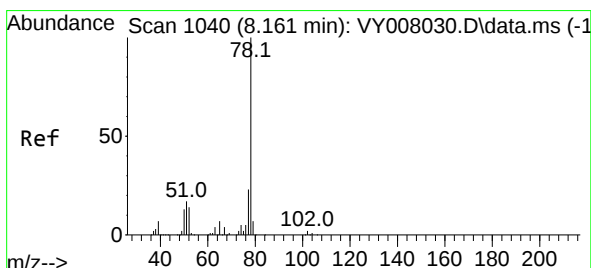
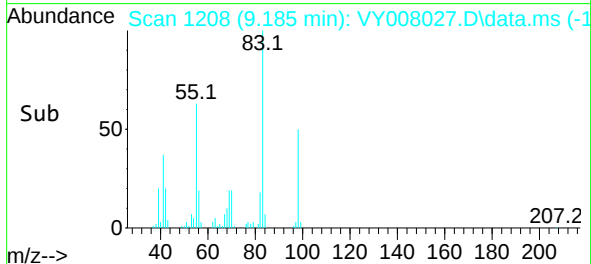
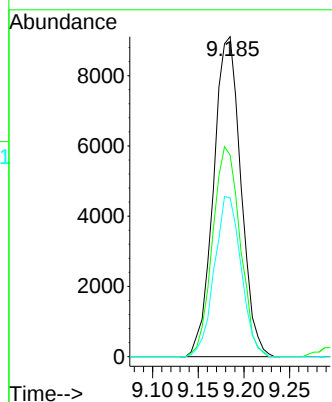
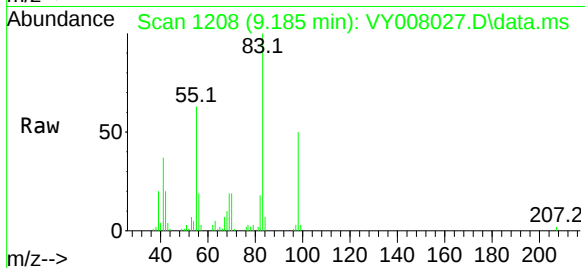
Tgt Ion: 83 Resp: 18991

Ion Ratio Lower Upper

83 100

55 63.0 66.5 99.7#

98 49.6 37.9 56.9



#40

Benzene

Concen: 4.407 ug/l

RT: 8.154 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY008027.D

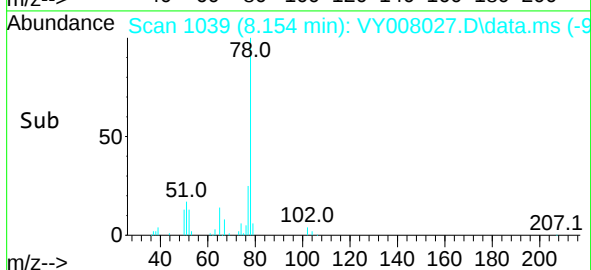
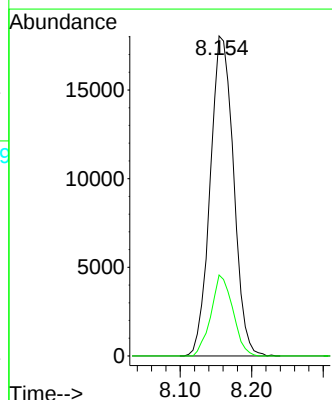
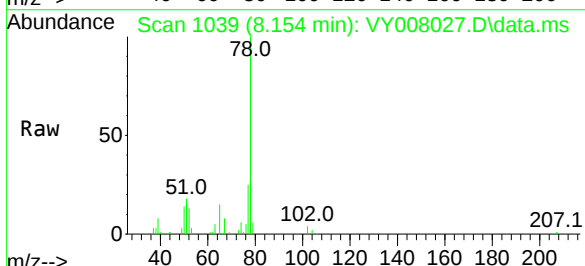
Acq: 25 Mar 2022 15:48

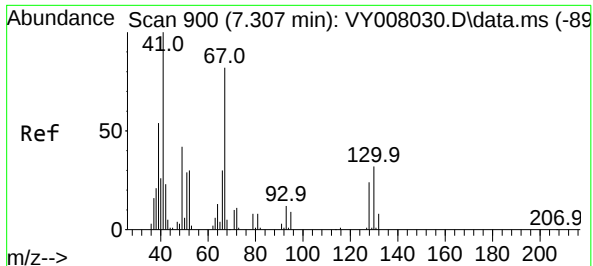
Tgt Ion: 78 Resp: 40928

Ion Ratio Lower Upper

78 100

77 25.3 20.4 30.6

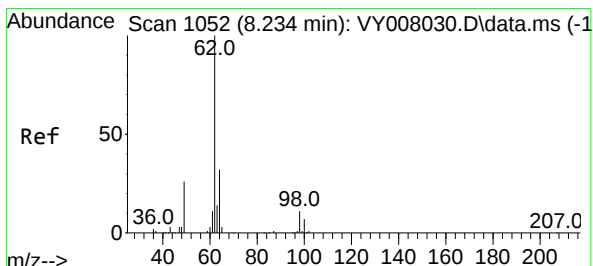
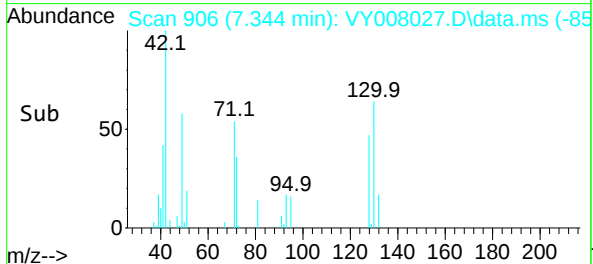
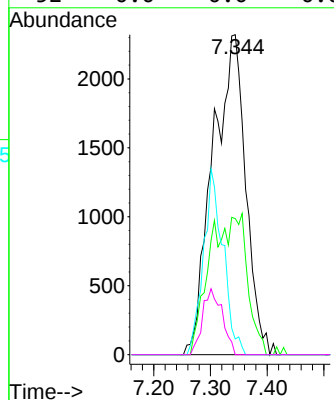
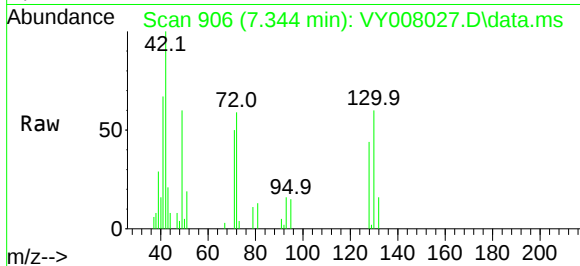




#41
Methacrylonitrile
Concen: 4.078 ug/l
RT: 7.344 min Scan# 900
Delta R.T. 0.036 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

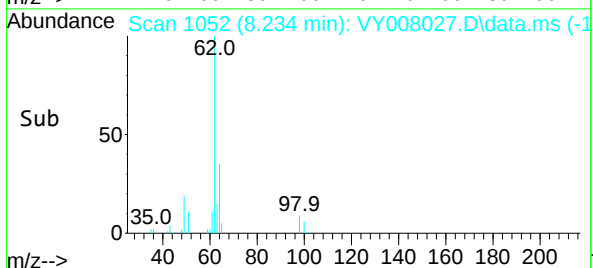
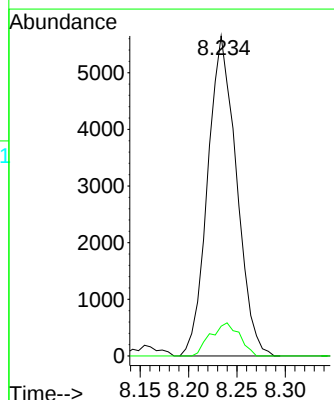
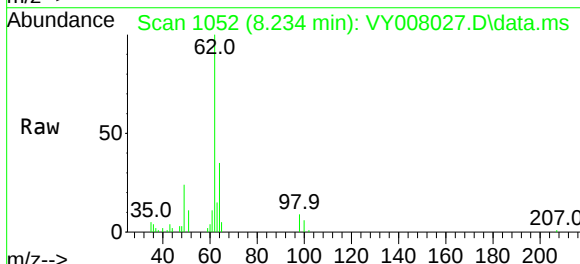
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

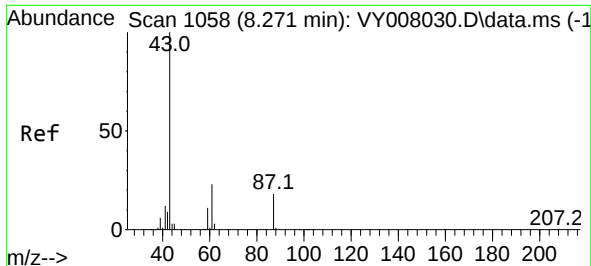
Tgt Ion: 41 Resp: 9385
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 4.091 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion: 62 Resp: 11717
Ion Ratio Lower Upper
62 100
98 10.4 0.0 14.8

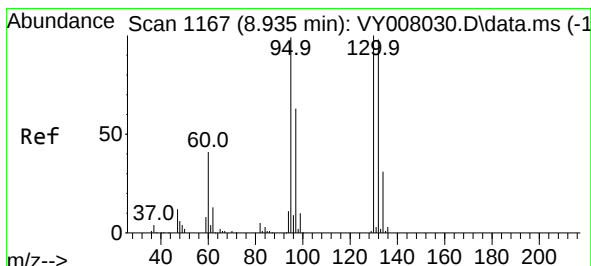
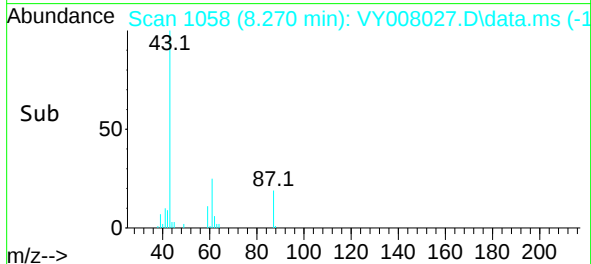
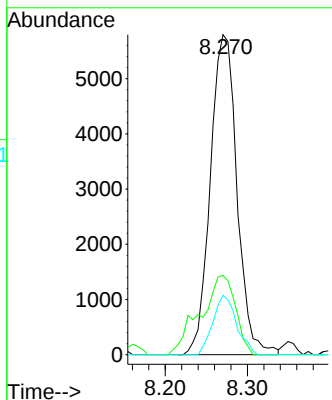
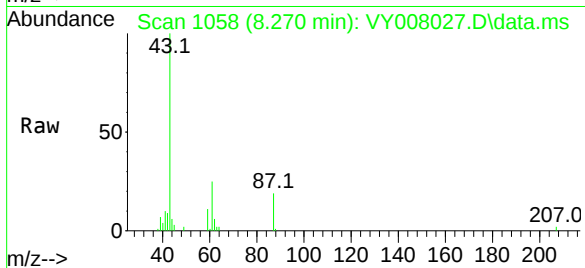




#43
Isopropyl Acetate
Concen: 3.388 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

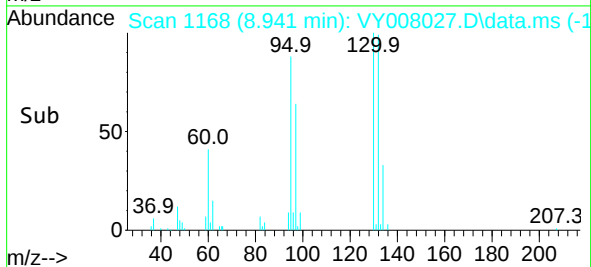
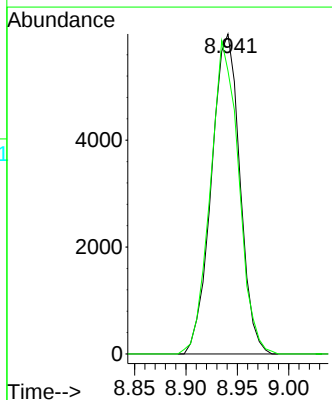
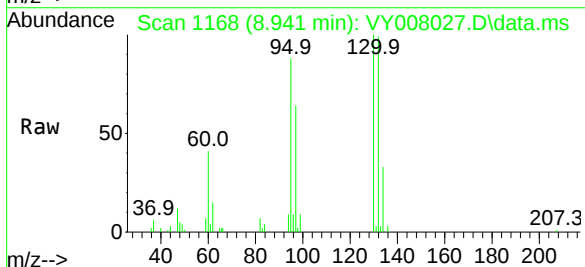
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

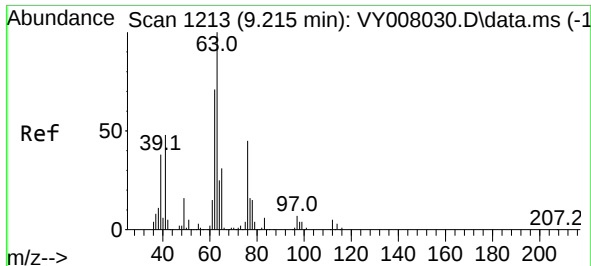
Tgt Ion: 43 Resp: 13070
Ion Ratio Lower Upper
43 100
61 32.6 20.2 30.2#
87 16.4 8.9 13.3#



#44
Trichloroethene
Concen: 4.625 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion:130 Resp: 11502
Ion Ratio Lower Upper
130 100
95 88.5 0.0 188.2





#45

1,2-Dichloropropane

Concen: 4.157 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

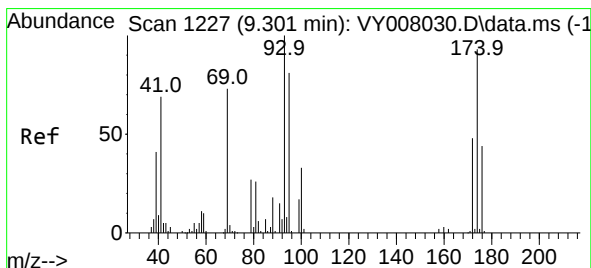
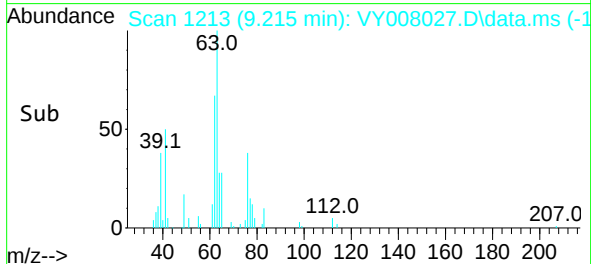
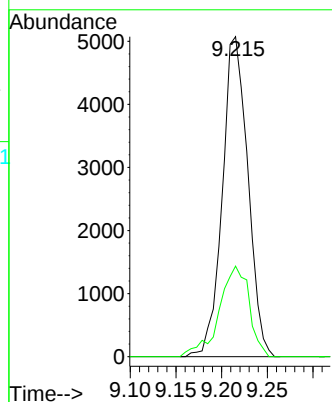
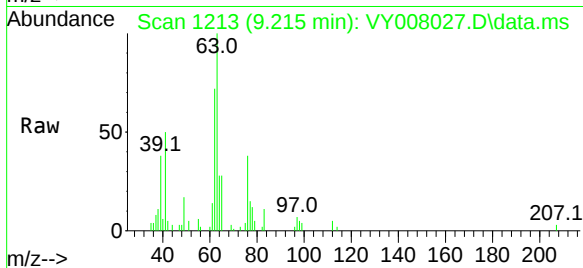
VSTDICC005

Tgt Ion: 63 Resp: 9858

Ion Ratio Lower Upper

63 100

65 28.3 23.0 34.6



#46

Dibromomethane

Concen: 4.145 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

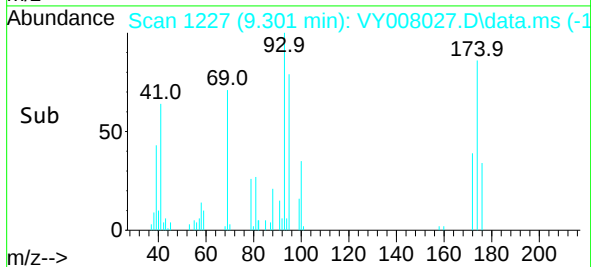
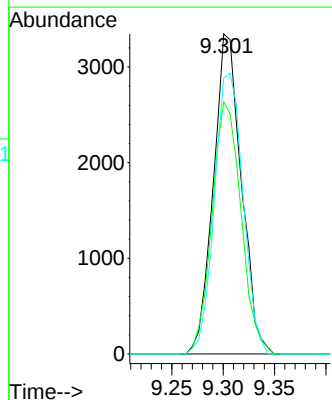
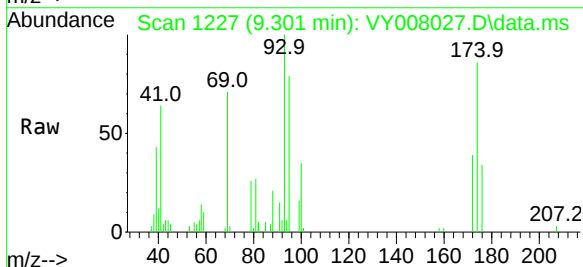
Tgt Ion: 93 Resp: 6327

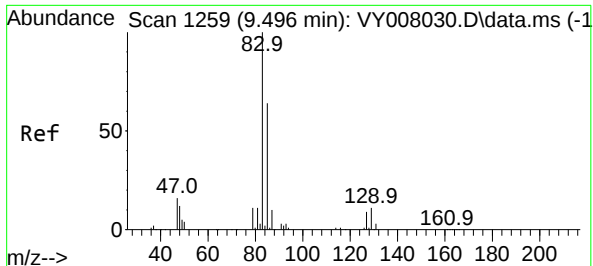
Ion Ratio Lower Upper

93 100

95 81.7 64.3 96.5

174 89.9 83.4 125.0

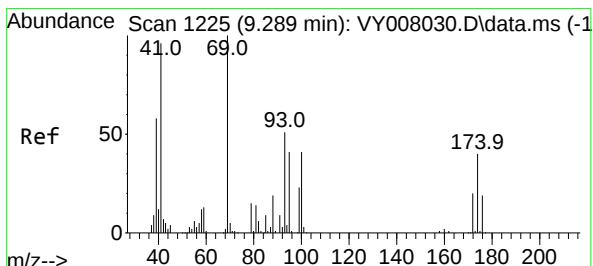
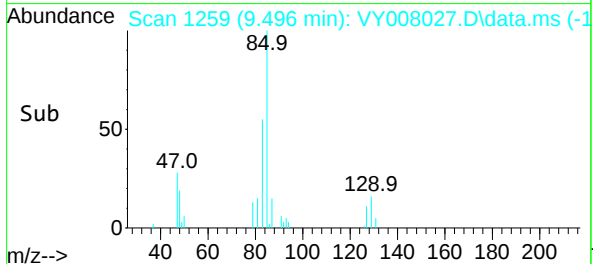
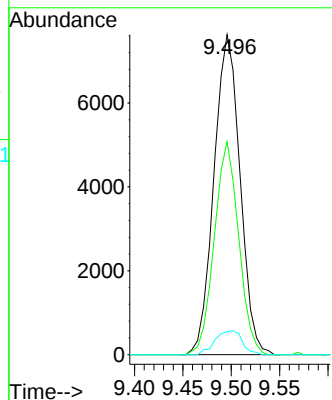
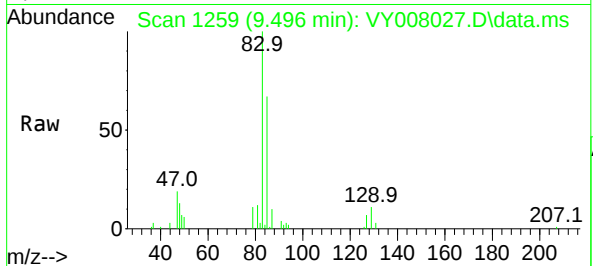




#47
Bromodichloromethane
Concen: 4.239 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

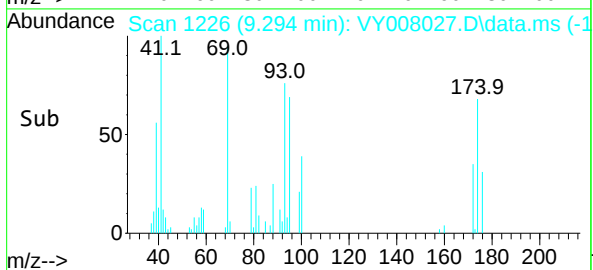
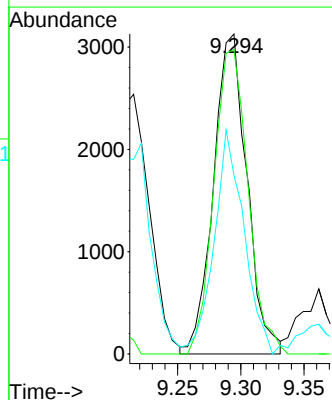
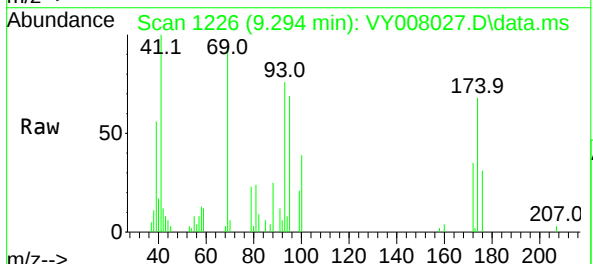
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

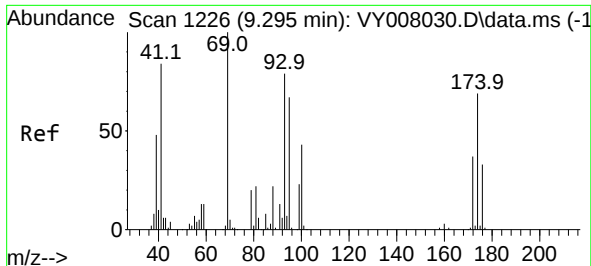
Tgt Ion: 83 Resp: 14289
Ion Ratio Lower Upper
83 100
85 66.5 51.9 77.9
127 7.2 6.6 10.0



#48
Methyl methacrylate
Concen: 3.438 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion: 41 Resp: 5756
Ion Ratio Lower Upper
41 100
69 97.0 58.2 87.2#
39 59.3 47.4 71.0





#49

1,4-Dioxane

Concen: 72.132 ug/l

RT: 9.294 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

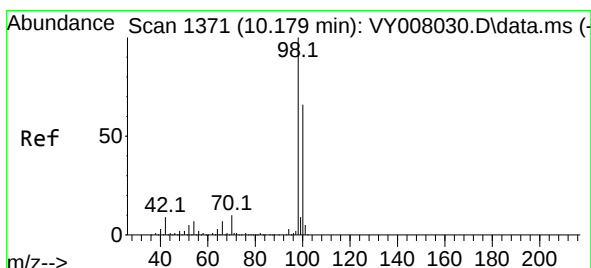
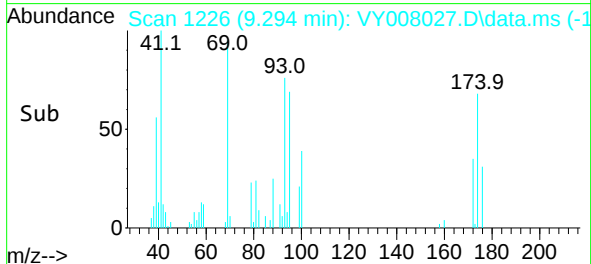
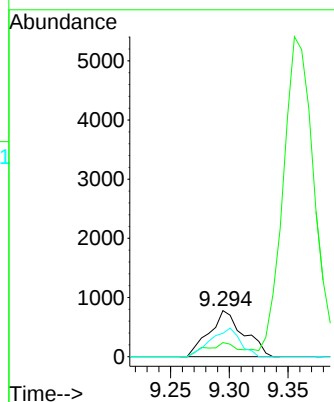
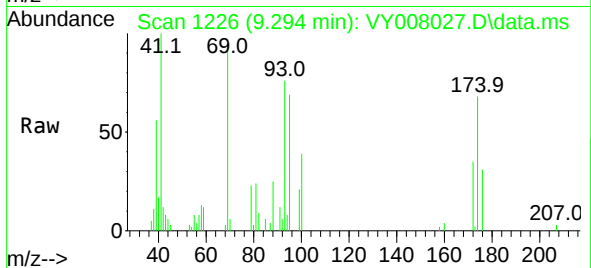
Tgt Ion: 88 Resp: 1581

Ion Ratio Lower Upper

88 100

43 27.8 32.8 49.2#

58 53.2 59.8 89.6#



#50

Toluene-d8

Concen: 5.178 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008027.D

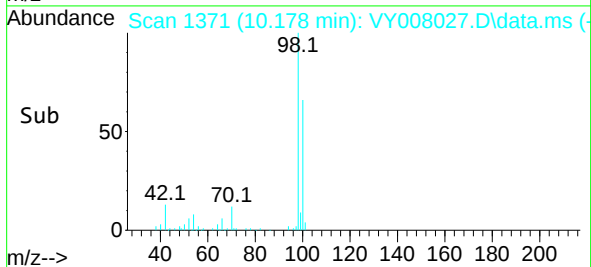
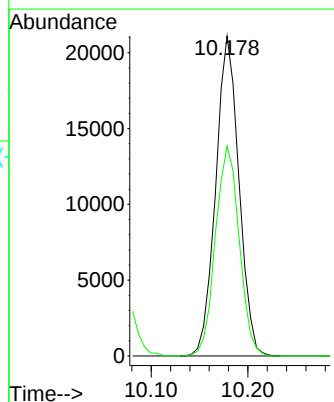
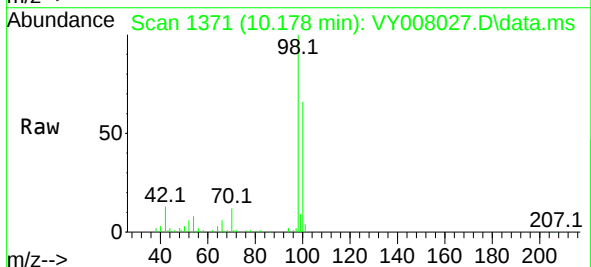
Acq: 25 Mar 2022 15:48

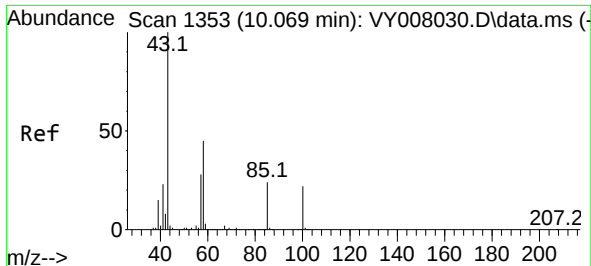
Tgt Ion: 98 Resp: 35144

Ion Ratio Lower Upper

98 100

100 67.1 50.2 75.2

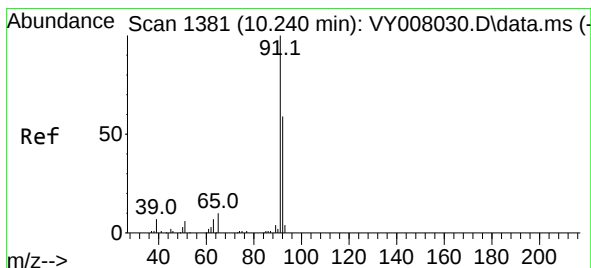
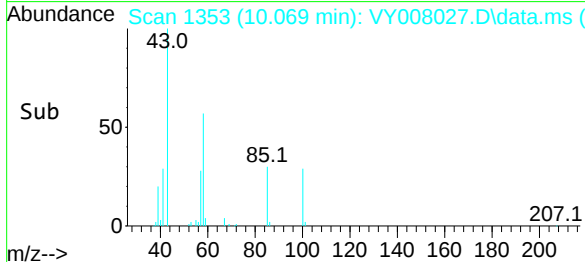
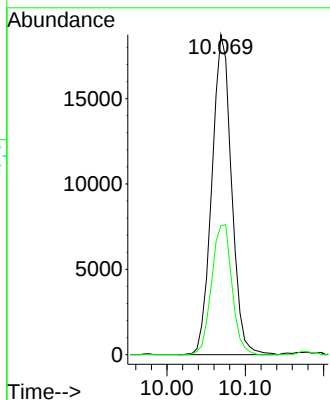
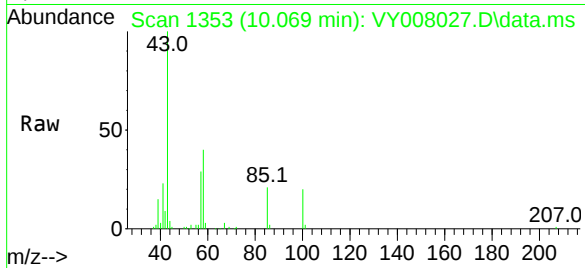




#51
4-Methyl-2-Pentanone
Concen: 16.605 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

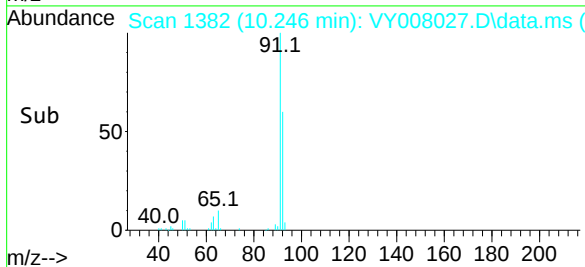
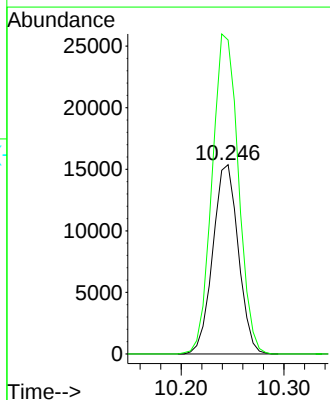
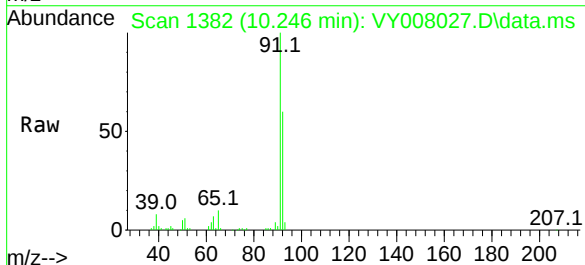
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

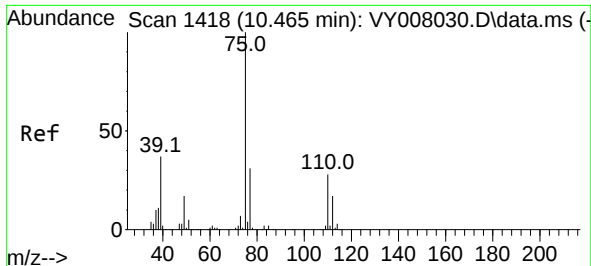
Tgt Ion: 43 Resp: 32727
Ion Ratio Lower Upper
43 100
58 42.1 28.1 42.1



#52
Toluene
Concen: 4.465 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion: 92 Resp: 26391
Ion Ratio Lower Upper
92 100
91 174.4 142.6 213.8

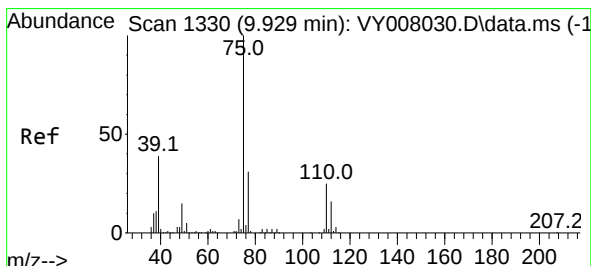
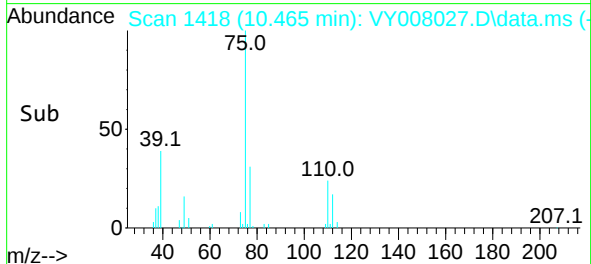
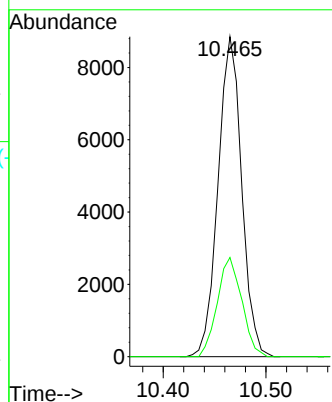
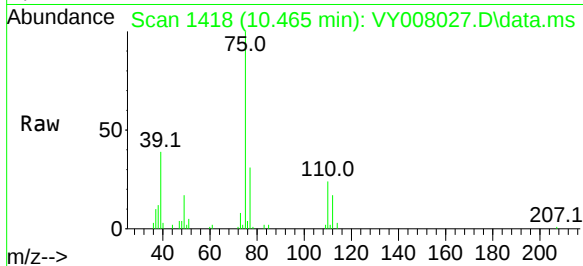




#53
t-1,3-Dichloropropene
Concen: 3.896 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

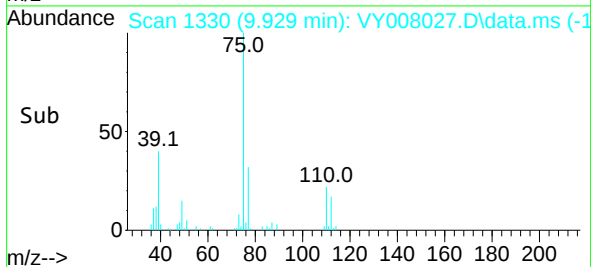
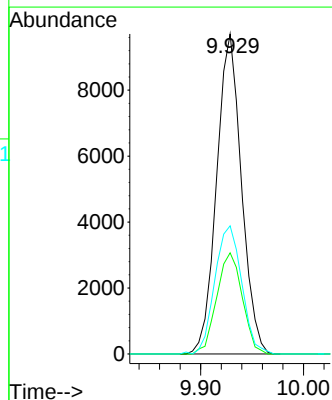
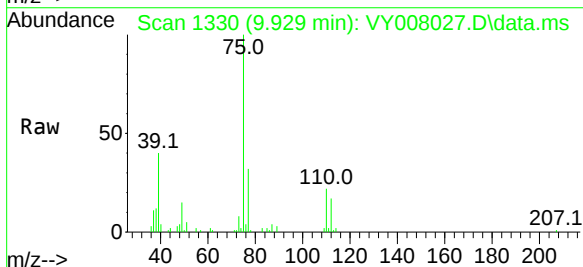
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

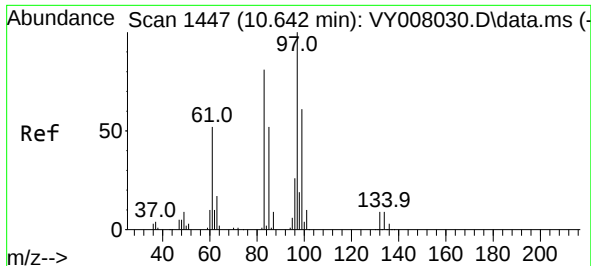
Tgt Ion: 75 Resp: 14112
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 4.022 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion: 75 Resp: 16252
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4
39 40.1 47.6 71.4#

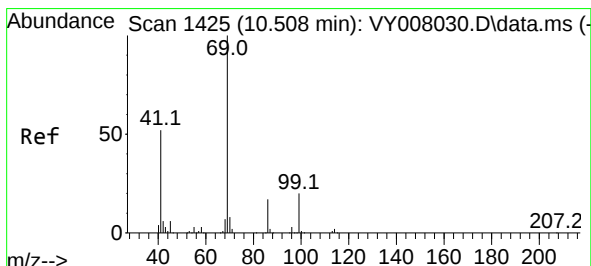
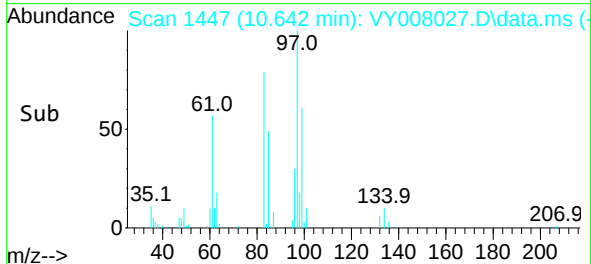
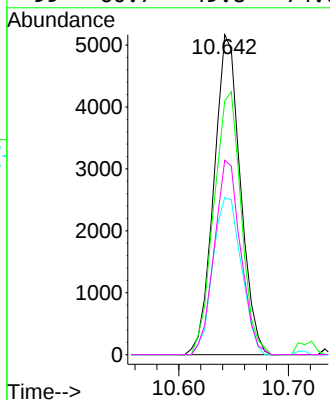
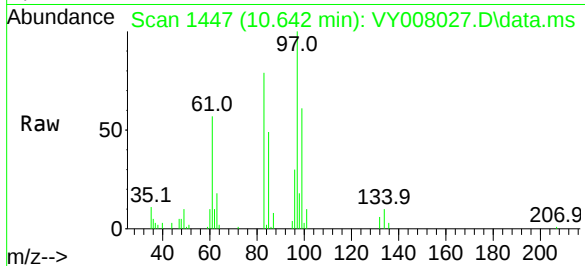




#55
1,1,2-Trichloroethane
Concen: 4.154 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

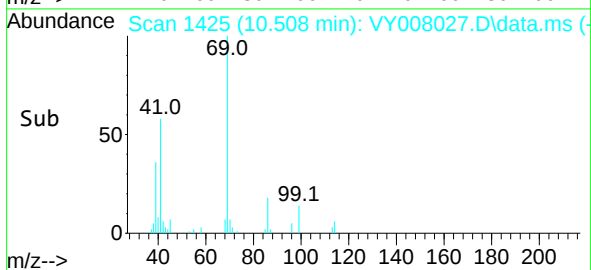
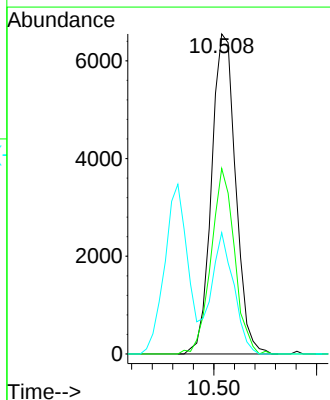
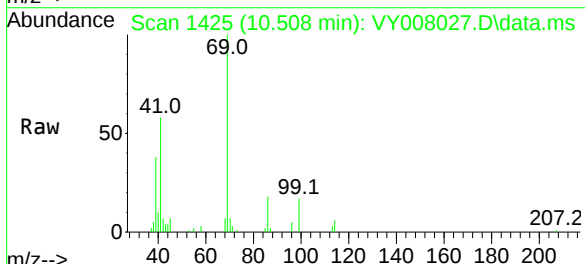
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

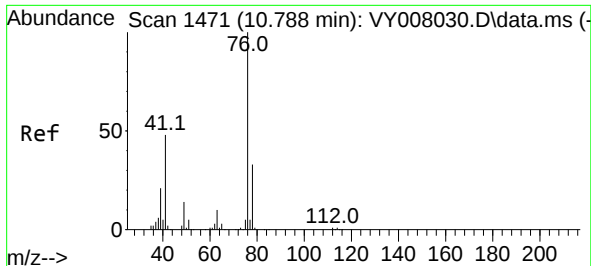
Tgt Ion: 97	Resp: 8650
Ion Ratio	Lower Upper
97 100	
83 79.3	69.8 104.8
85 49.2	44.3 66.5
99 60.7	49.8 74.6



#56
Ethyl methacrylate
Concen: 3.569 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion: 69	Resp: 10625
Ion Ratio	Lower Upper
69 100	
41 56.7	63.4 95.0#
39 36.0	35.8 53.8





#57

1,3-Dichloropropane

Concen: 4.018 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

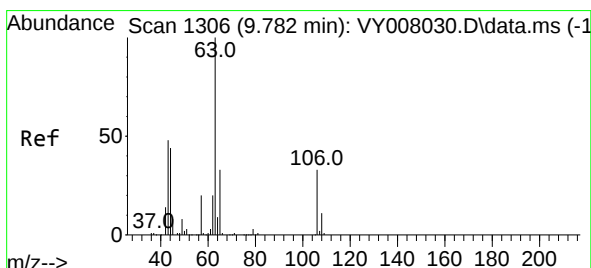
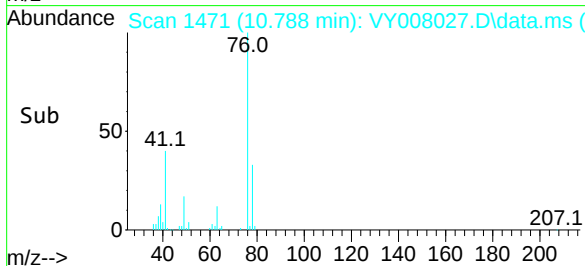
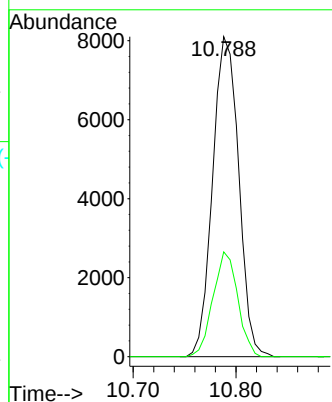
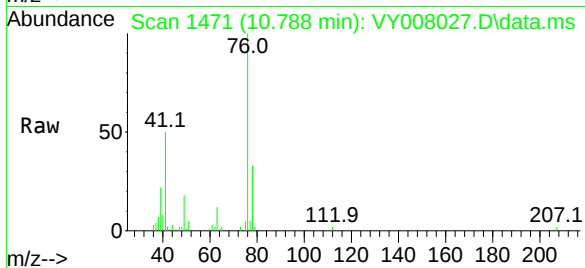
VSTDIC005

Tgt Ion: 76 Resp: 14260

Ion Ratio Lower Upper

76 100

78 31.1 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 21.385 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY008027.D

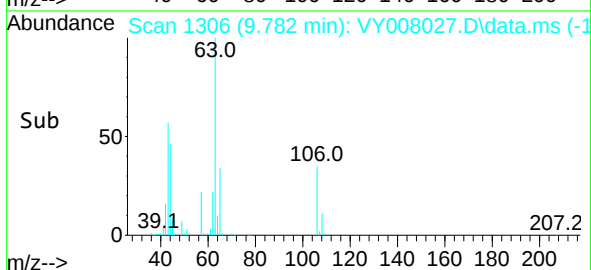
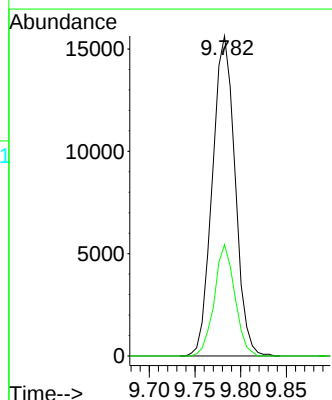
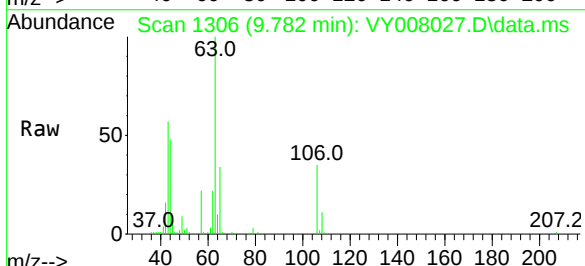
Acq: 25 Mar 2022 15:48

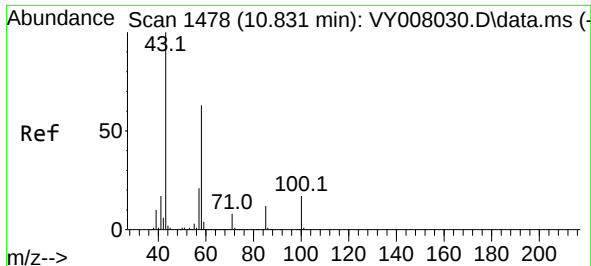
Tgt Ion: 63 Resp: 26996

Ion Ratio Lower Upper

63 100

106 31.4 21.5 32.3

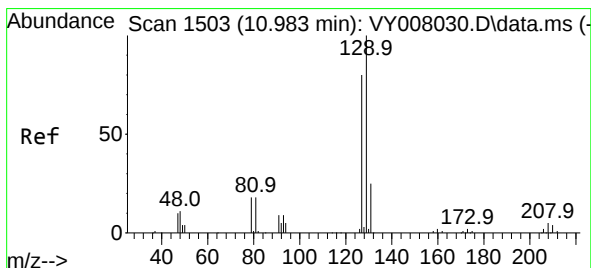
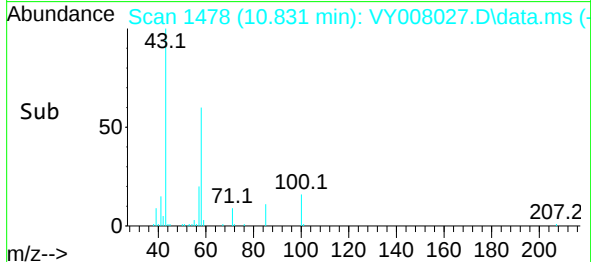
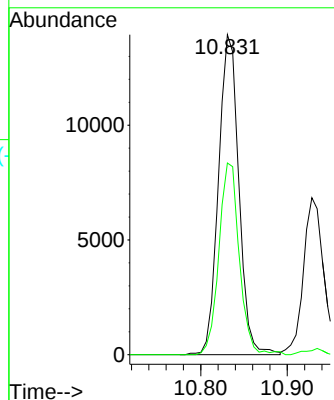
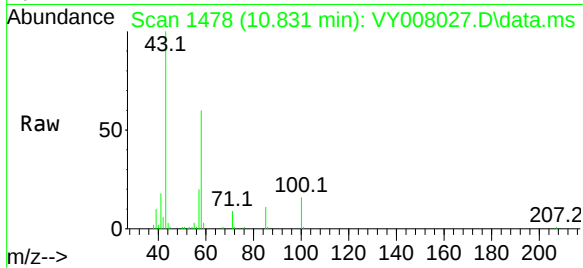




#59
2-Hexanone
Concen: 16.353 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

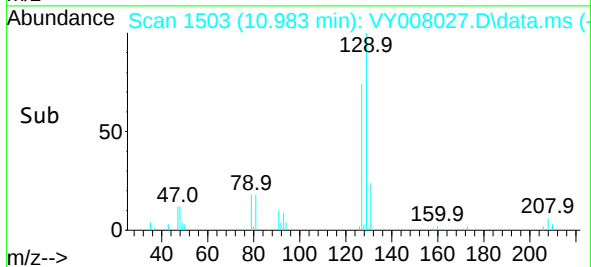
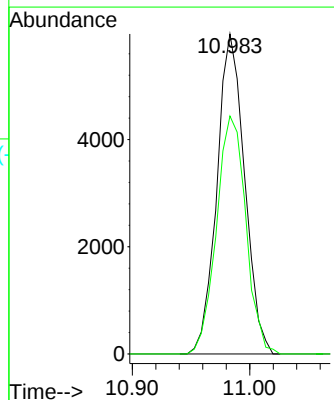
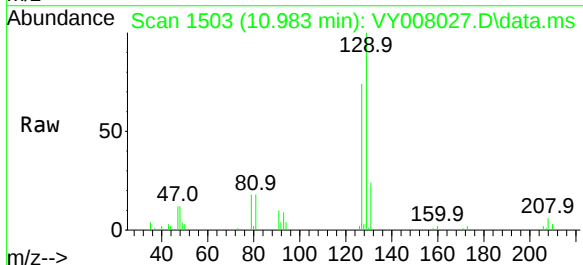
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

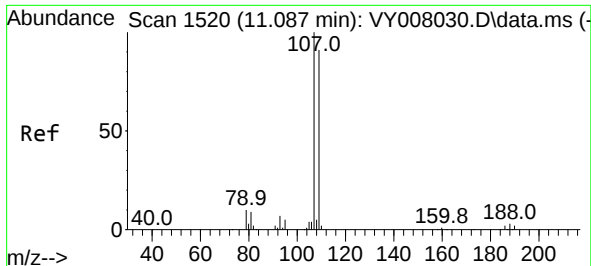
Tgt Ion: 43 Resp: 22769
Ion Ratio Lower Upper
43 100
58 60.0 24.4 73.4



#60
Dibromochloromethane
Concen: 4.079 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion: 129 Resp: 9776
Ion Ratio Lower Upper
129 100
127 78.8 38.7 116.1

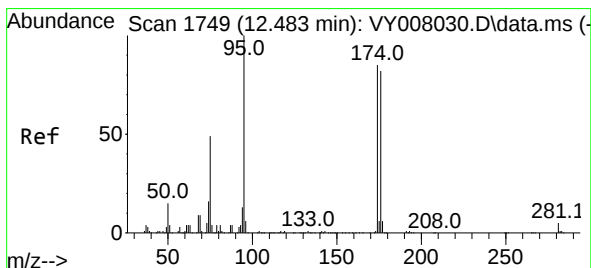
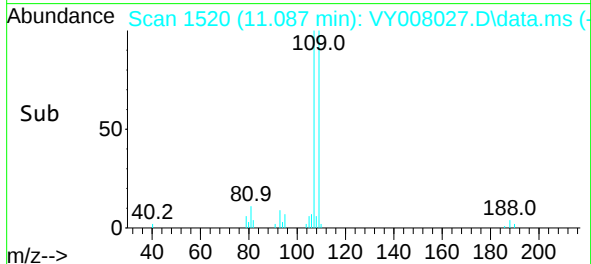
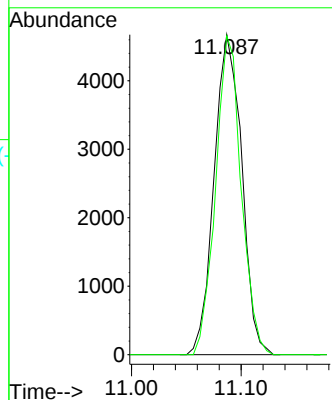
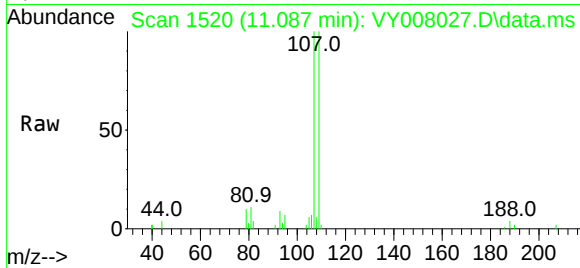




#61
1,2-Dibromoethane
Concen: 3.917 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

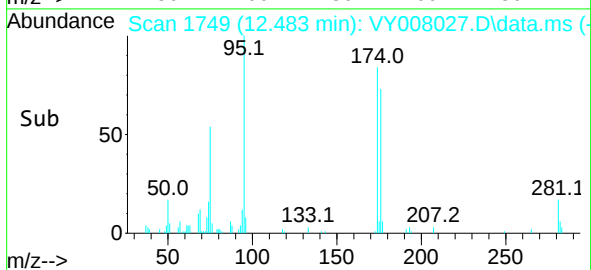
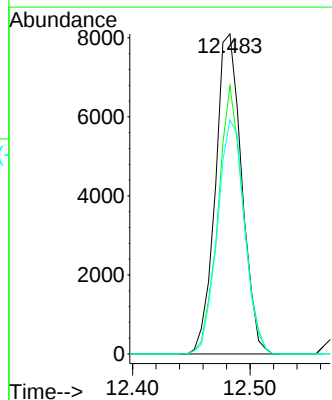
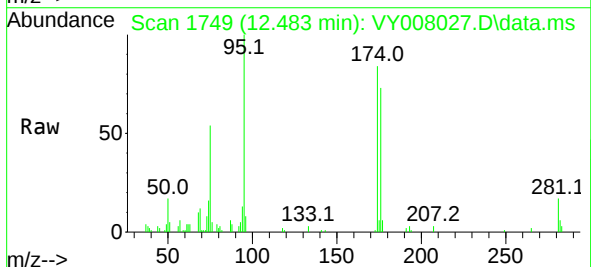
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

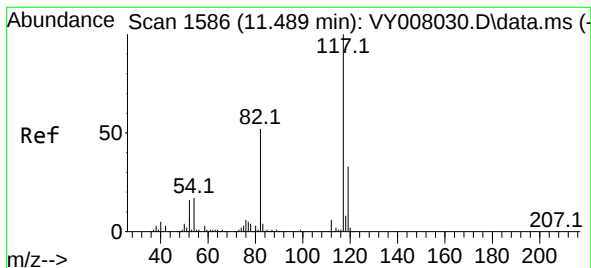
Tgt Ion:107 Resp: 8179
Ion Ratio Lower Upper
107 100
109 92.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 4.916 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion: 95 Resp: 12640
Ion Ratio Lower Upper
95 100
174 79.8 0.0 177.0
176 75.5 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

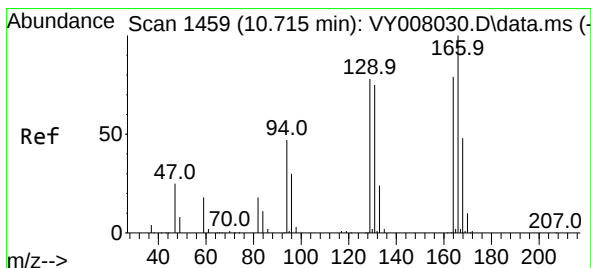
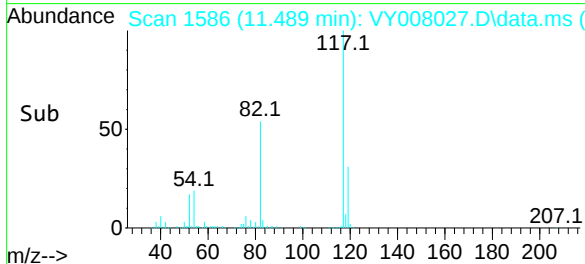
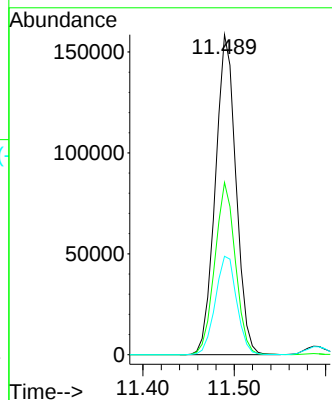
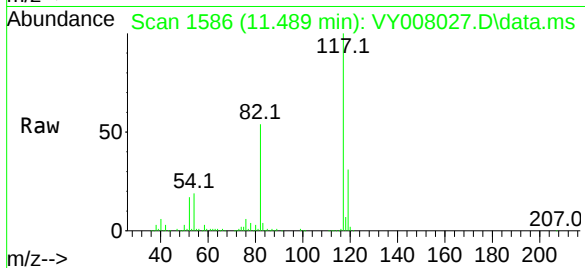
Tgt Ion:117 Resp: 248955

Ion Ratio Lower Upper

117 100

82 53.8 43.0 64.4

119 30.8 25.4 38.0



#64

Tetrachloroethene

Concen: 5.171 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

Tgt Ion:164 Resp: 9869

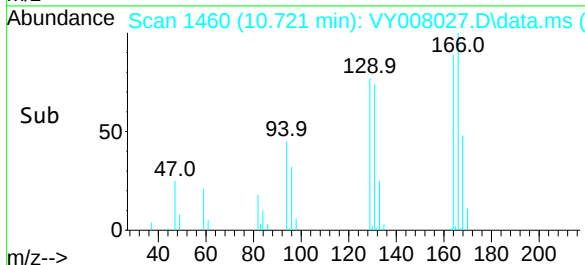
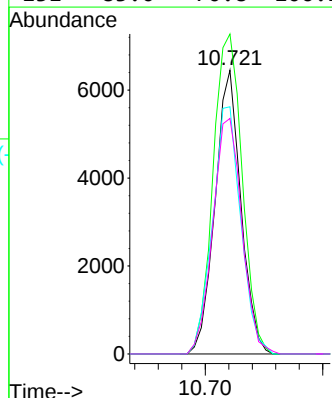
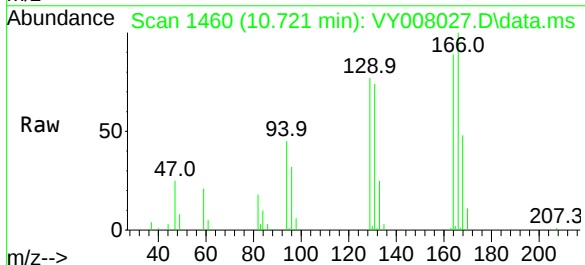
Ion Ratio Lower Upper

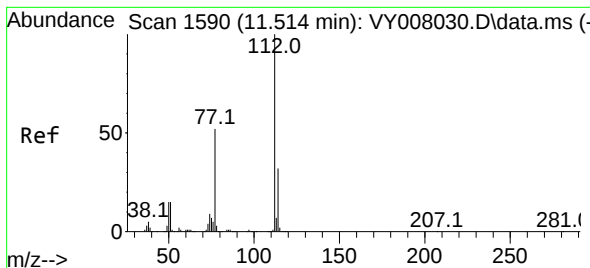
164 100

166 112.8 100.4 150.6

129 87.2 71.4 107.0

131 83.0 70.8 106.2

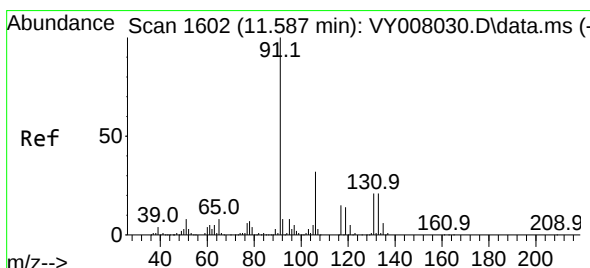
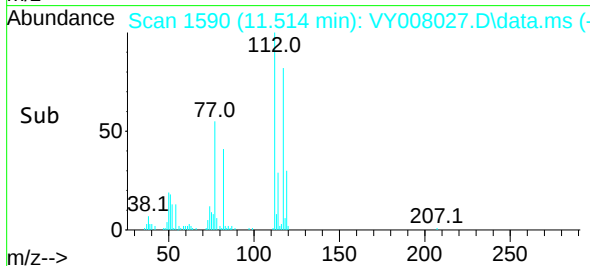
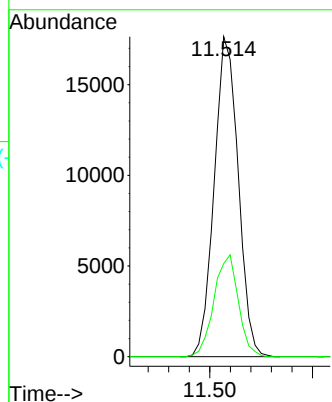
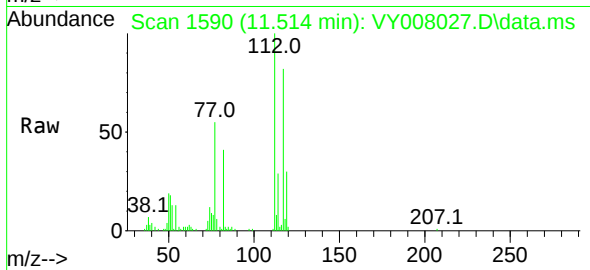




#65
Chlorobenzene
Concen: 4.662 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

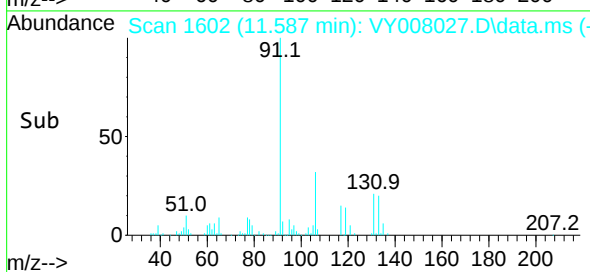
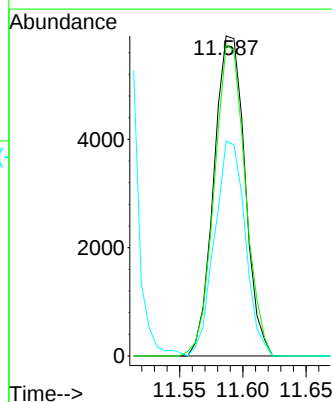
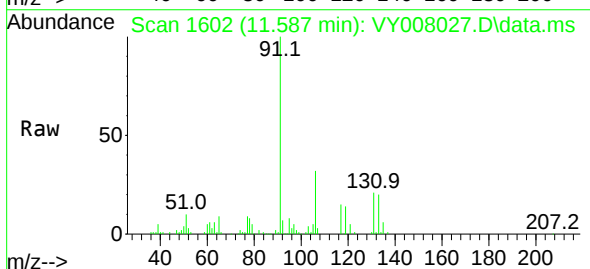
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

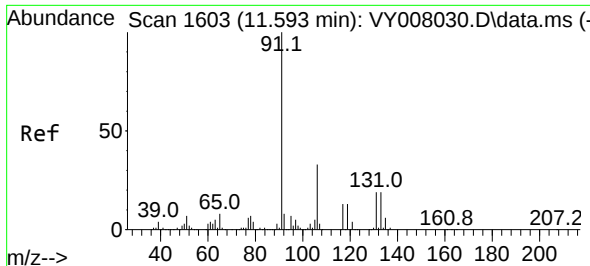
Tgt Ion:112 Resp: 28567
Ion Ratio Lower Upper
112 100
114 29.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 4.517 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion:131 Resp: 10054
Ion Ratio Lower Upper
131 100
133 97.1 47.9 143.6
119 66.2 30.8 92.3





#67

Ethyl Benzene

Concen: 4.727 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

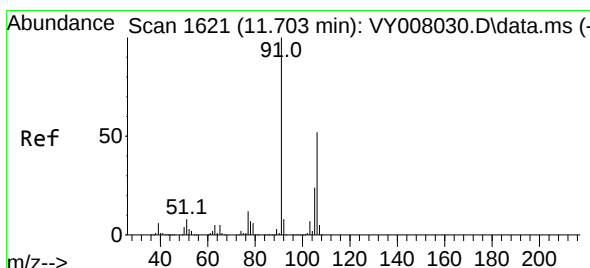
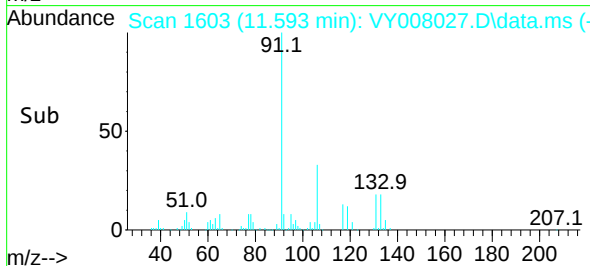
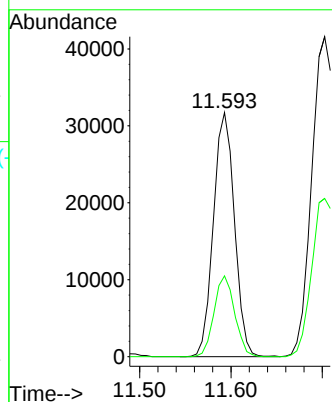
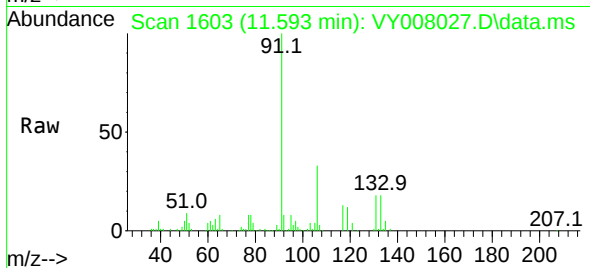
VSTDIC005

Tgt Ion: 91 Resp: 50688

Ion Ratio Lower Upper

91 100

106 33.1 24.5 36.7



#68

m/p-Xylenes

Concen: 9.353 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY008027.D

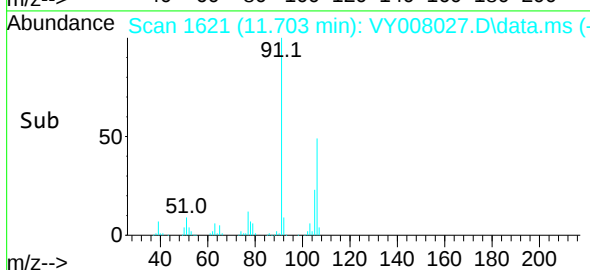
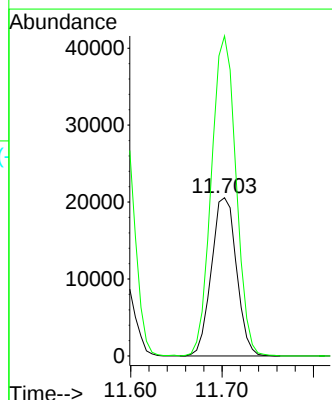
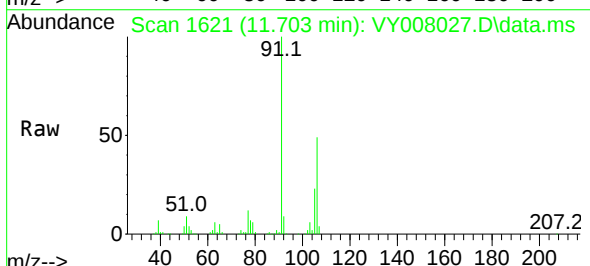
Acq: 25 Mar 2022 15:48

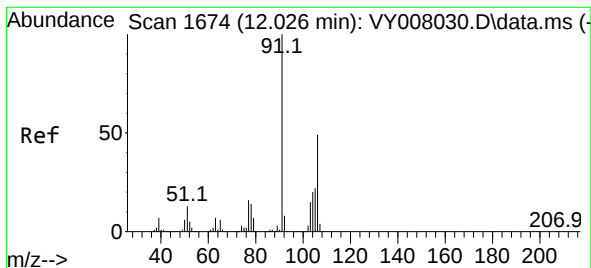
Tgt Ion: 106 Resp: 39135

Ion Ratio Lower Upper

106 100

91 198.9 166.6 249.8





#69

o-Xylene

Concen: 4.606 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

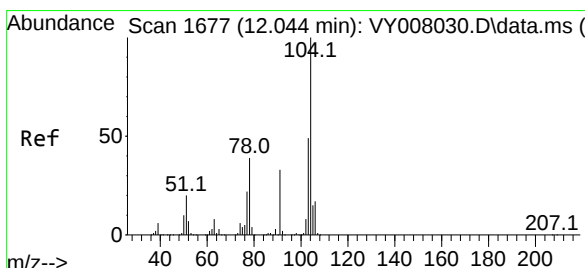
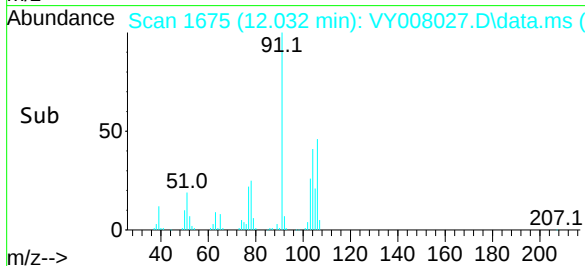
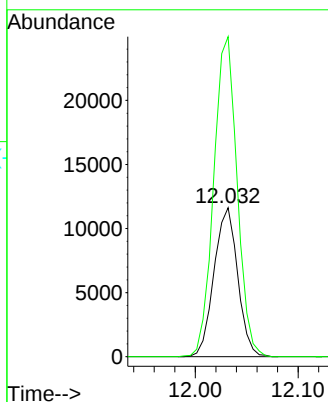
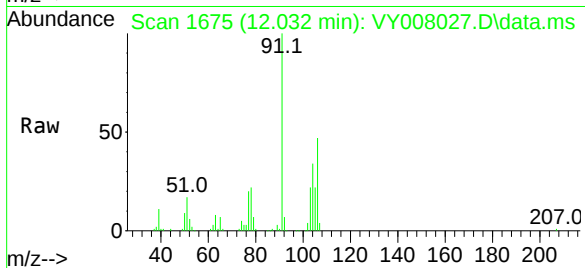
VSTDIC005

Tgt Ion:106 Resp: 18565

Ion Ratio Lower Upper

106 100

91 212.4 110.3 331.0



#70

Styrene

Concen: 4.421 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

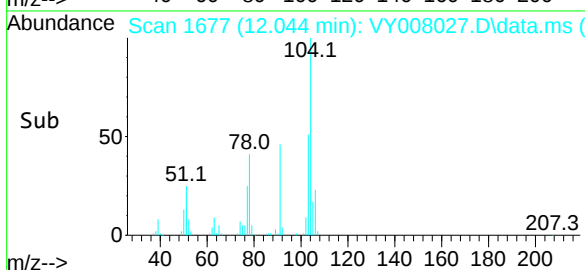
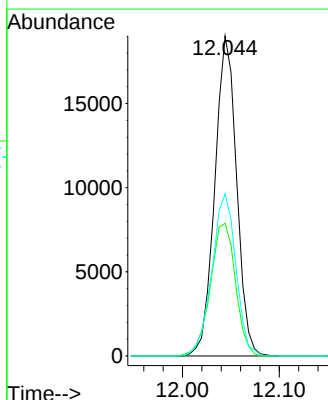
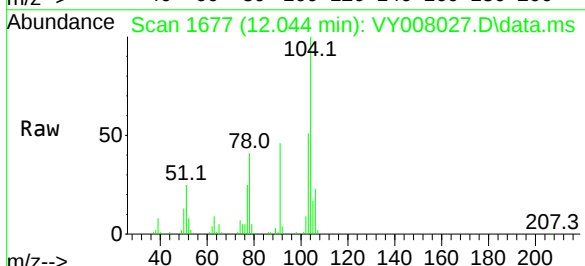
Tgt Ion:104 Resp: 29722

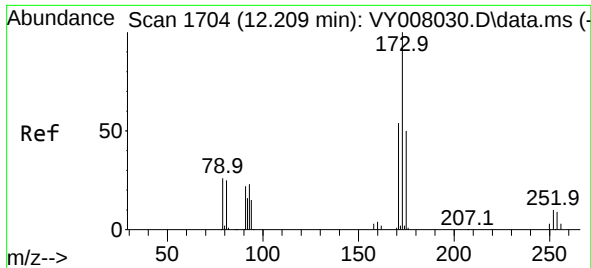
Ion Ratio Lower Upper

104 100

78 47.8 42.4 63.6

103 55.7 44.4 66.6

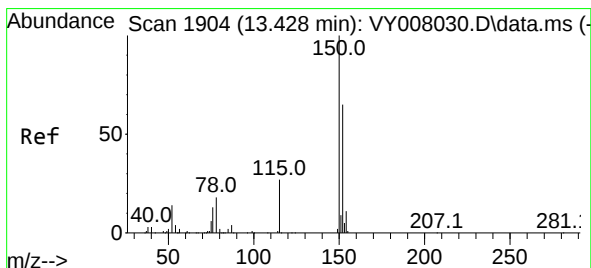
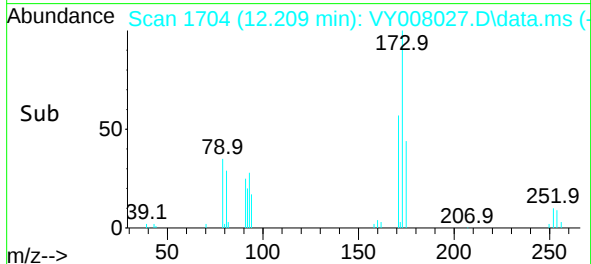
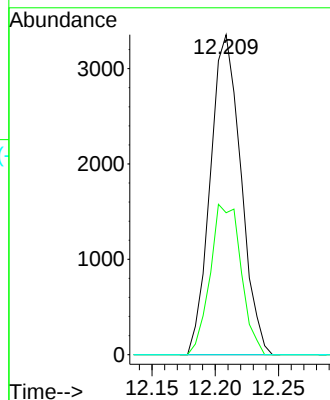
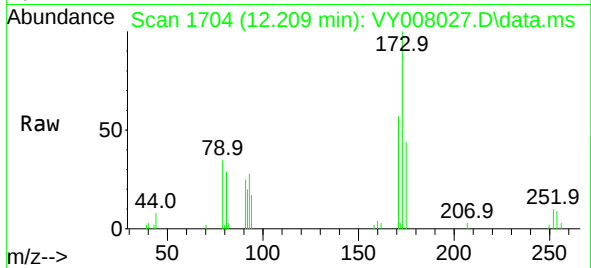




#71
Bromoform
Concen: 3.984 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

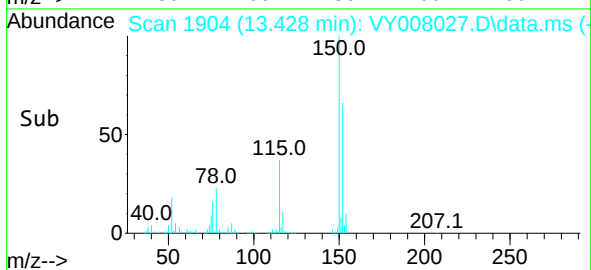
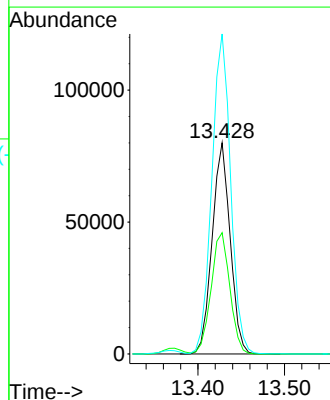
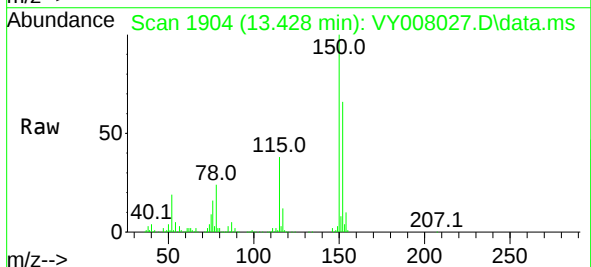
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

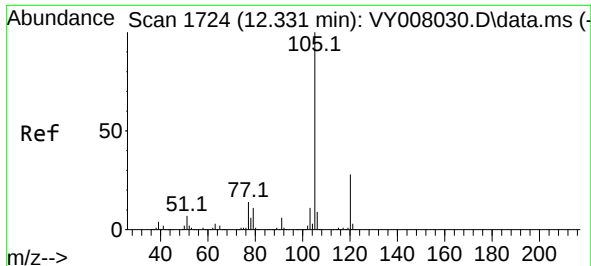
Tgt Ion:173 Resp: 5641
Ion Ratio Lower Upper
173 100
175 47.3 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion:152 Resp: 115715
Ion Ratio Lower Upper
152 100
115 59.8 28.2 84.7
150 157.8 0.0 347.6

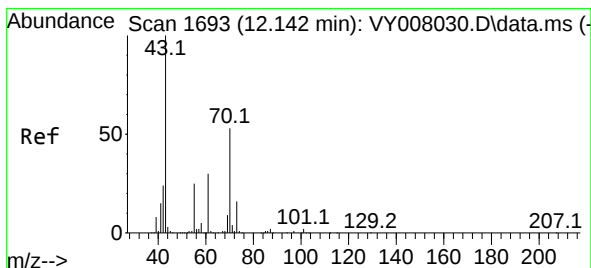
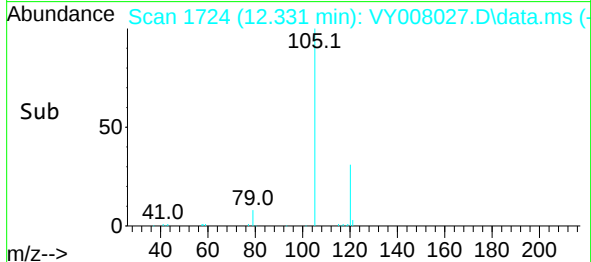
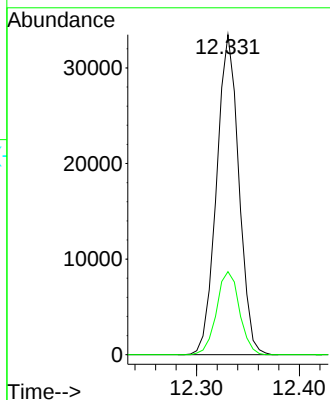
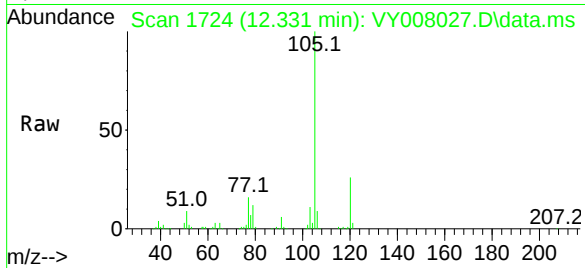




#73
Isopropylbenzene
Concen: 5.040 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

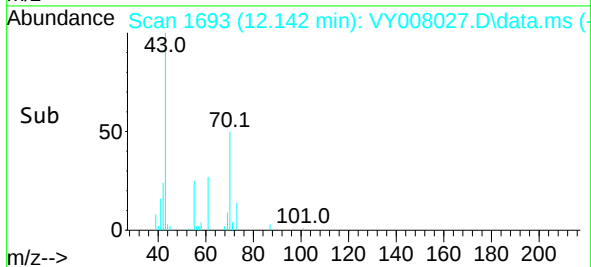
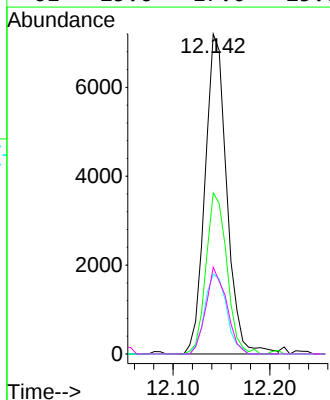
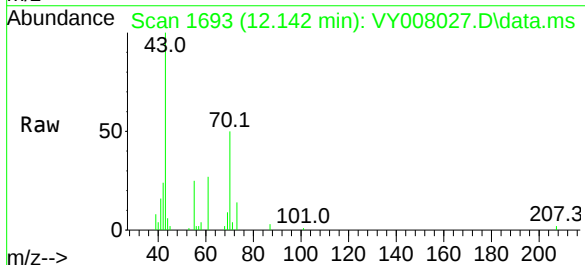
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

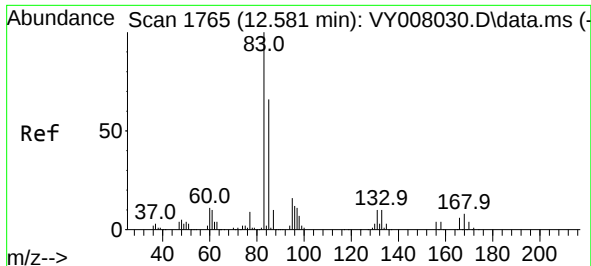
Tgt Ion:105 Resp: 50368
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.2



#74
N-ethyl acetate
Concen: 3.731 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion: 43 Resp: 11253
Ion Ratio Lower Upper
43 100
70 48.1 28.7 43.1#
55 25.1 17.3 25.9
61 25.6 17.0 25.6#

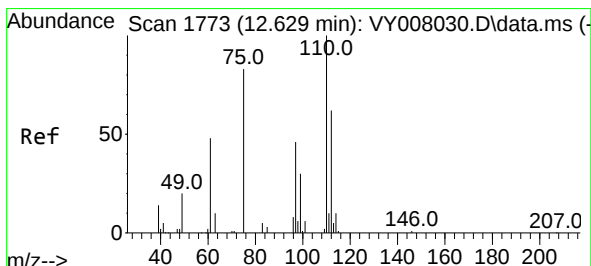
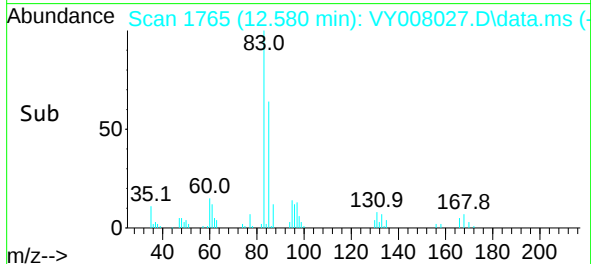
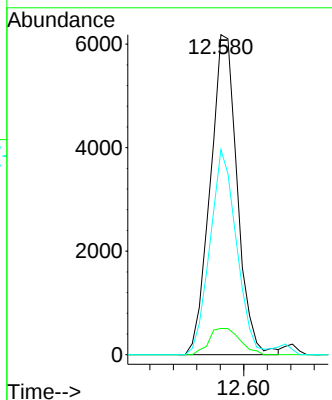
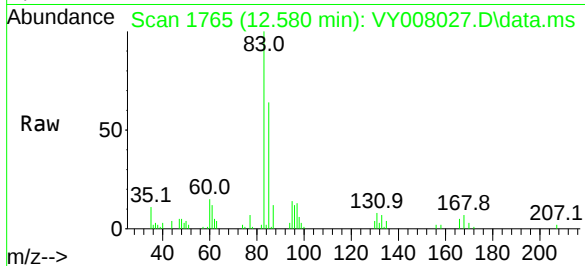




#75
 1,1,2,2-Tetrachloroethane
 Concen: 4.237 ug/l
 RT: 12.580 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY008027.D
 Acq: 25 Mar 2022 15:48

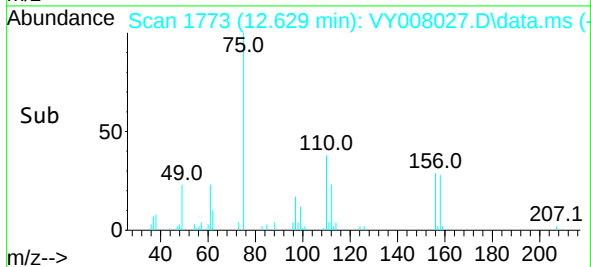
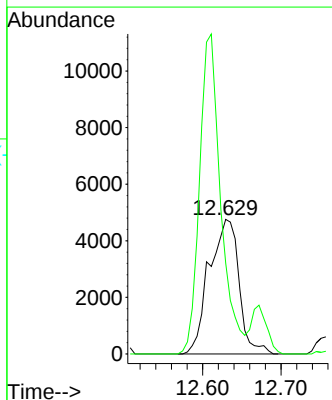
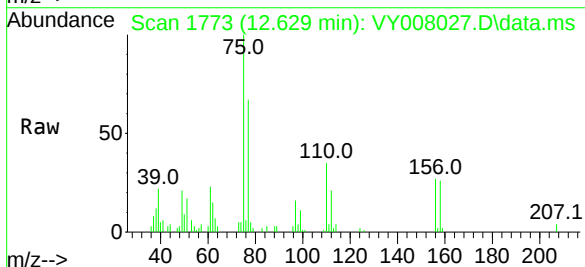
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

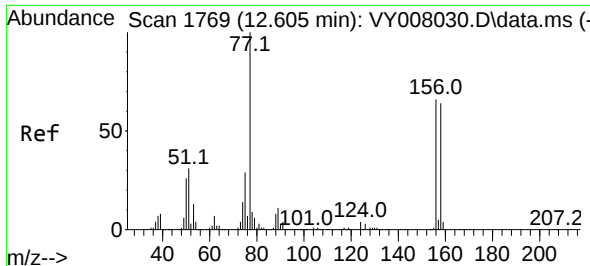
Tgt Ion: 83 Resp: 9849
 Ion Ratio Lower Upper
 83 100
 131 9.4 5.6 16.8
 85 62.9 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 4.507 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VY008027.D
 Acq: 25 Mar 2022 15:48

Tgt Ion: 75 Resp: 12604
 Ion Ratio Lower Upper
 75 100
 77 168.5 0.0 0.0#

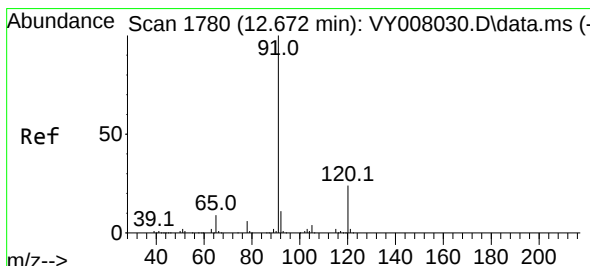
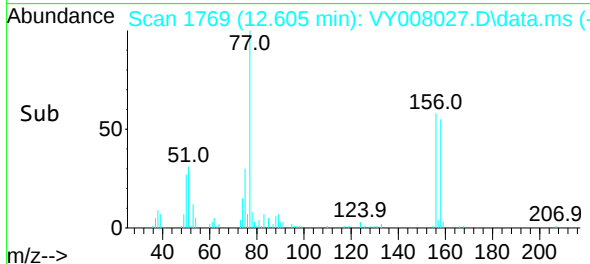
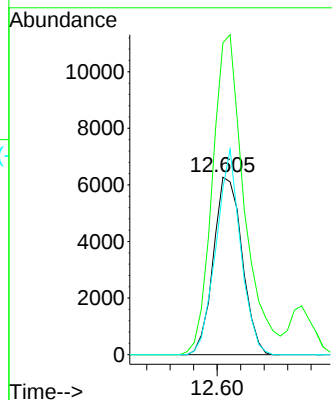
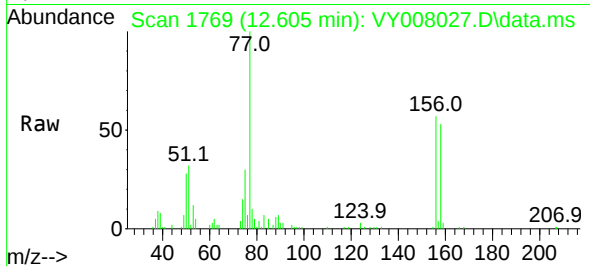




#77
Bromobenzene
Concen: 4.489 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

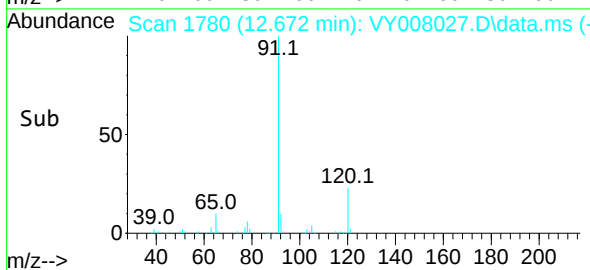
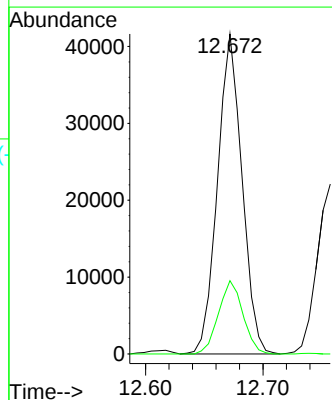
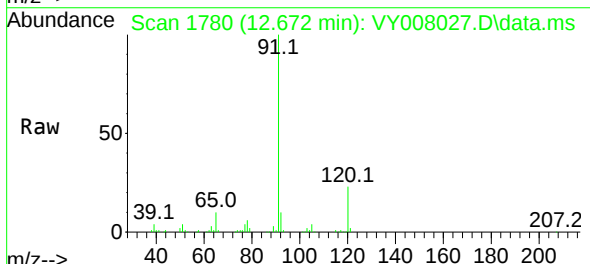
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

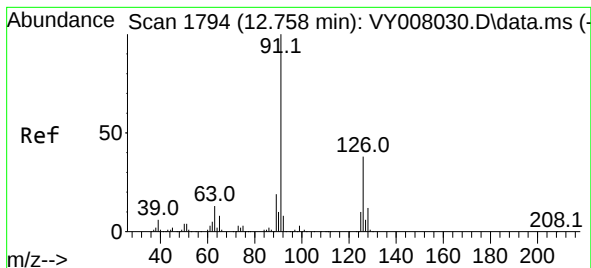
Tgt Ion:156 Resp: 10624
Ion Ratio Lower Upper
156 100
77 199.8 95.5 286.4
158 99.4 48.0 144.0



#78
n-propylbenzene
Concen: 4.998 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion: 91 Resp: 60330
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.9





#79

2-Chlorotoluene

Concen: 4.853 ug/l

RT: 12.757 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

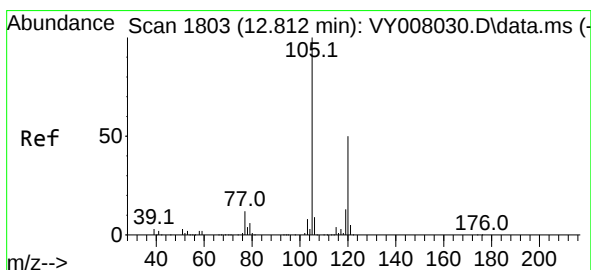
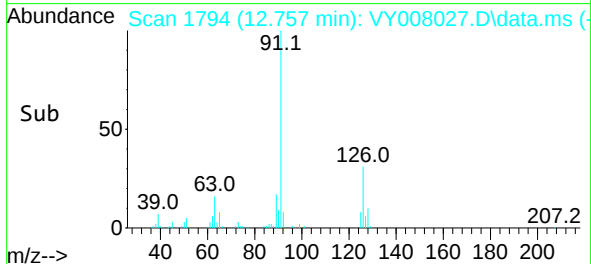
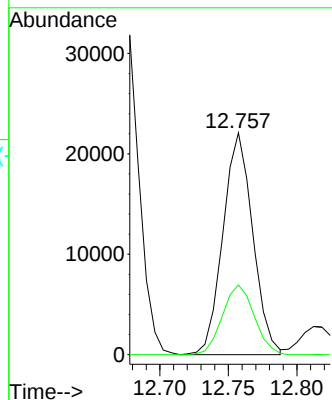
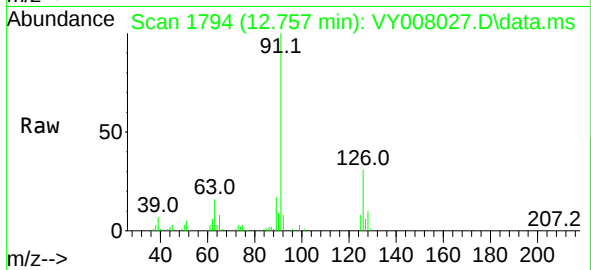
VSTDIC005

Tgt Ion: 91 Resp: 33460

Ion Ratio Lower Upper

91 100

126 33.4 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 4.988 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY008027.D

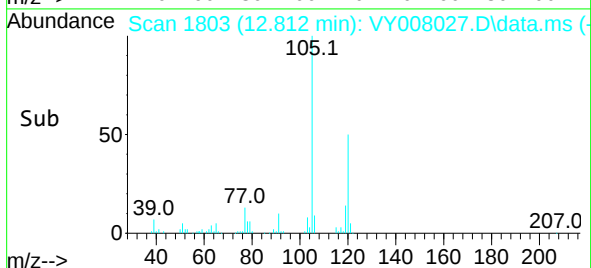
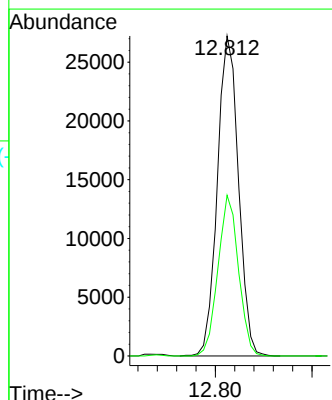
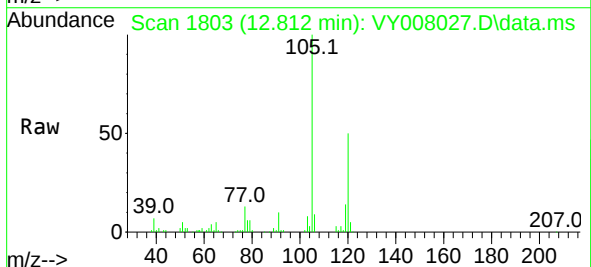
Acq: 25 Mar 2022 15:48

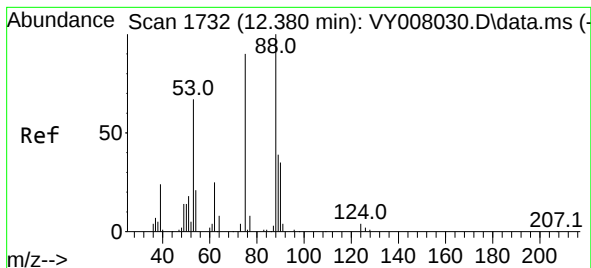
Tgt Ion: 105 Resp: 41213

Ion Ratio Lower Upper

105 100

120 48.8 24.4 73.4

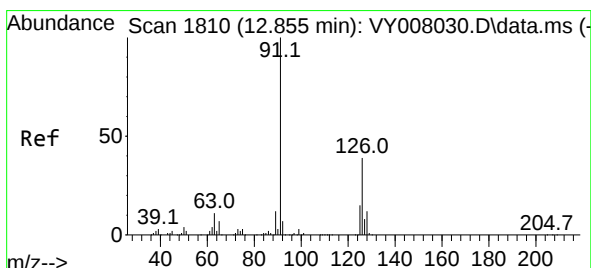
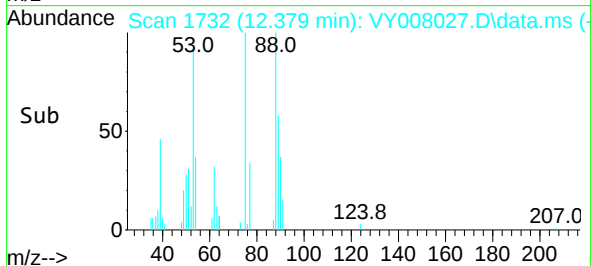
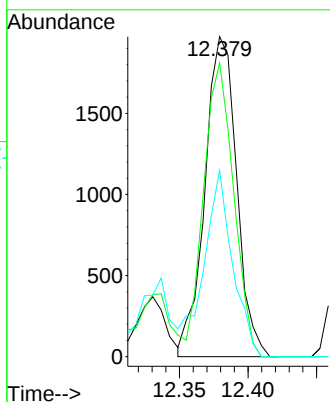
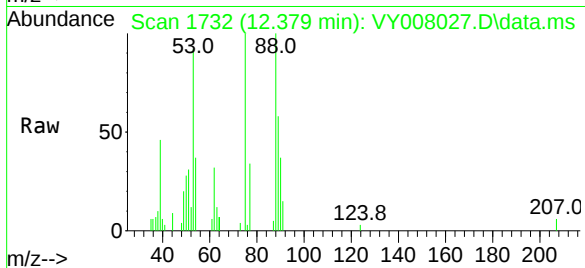




#81
trans-1,4-Dichloro-2-butene
Concen: 3.963 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

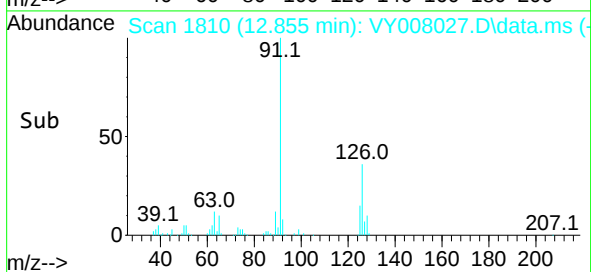
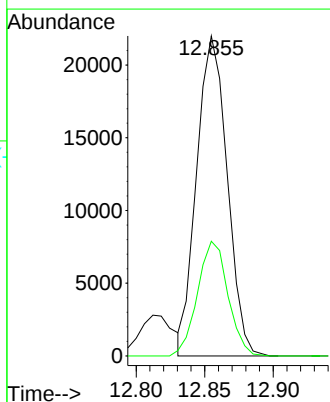
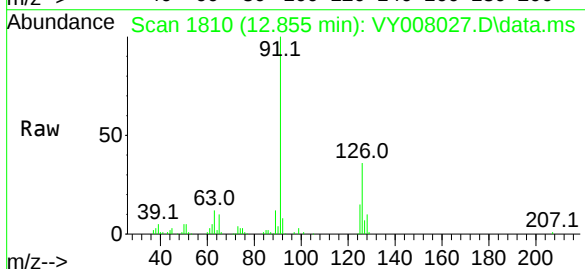
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

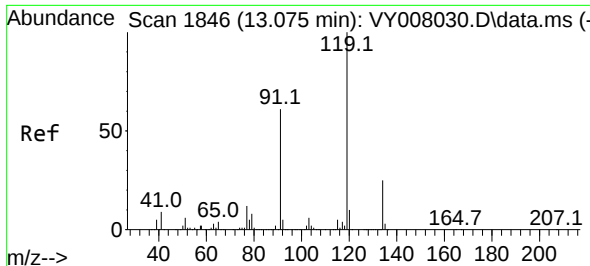
Tgt Ion: 75 Resp: 3182
Ion Ratio Lower Upper
75 100
53 86.0 85.3 127.9
89 52.6 37.0 55.4



#82
4-Chlorotoluene
Concen: 4.782 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion: 91 Resp: 34024
Ion Ratio Lower Upper
91 100
126 35.8 17.0 51.0

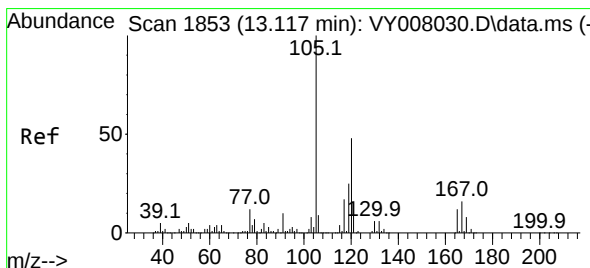
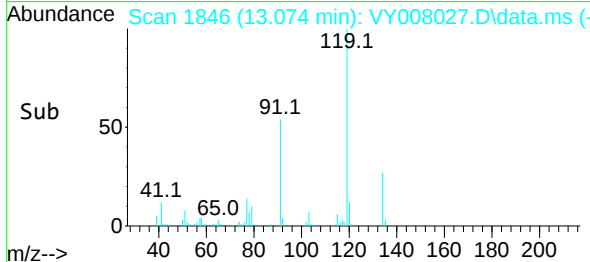
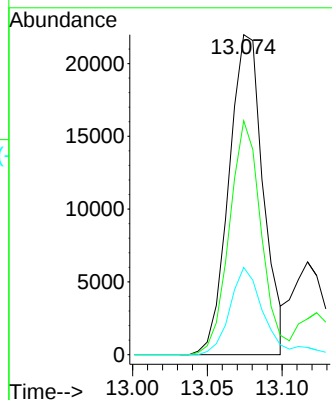
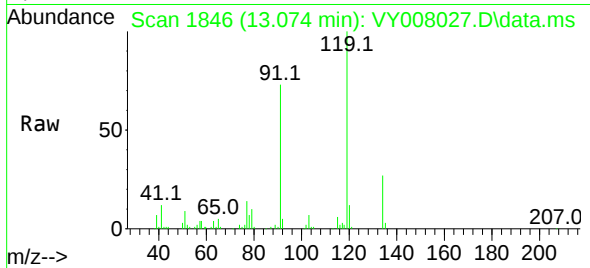




#83
tert-Butylbenzene
Concen: 4.917 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

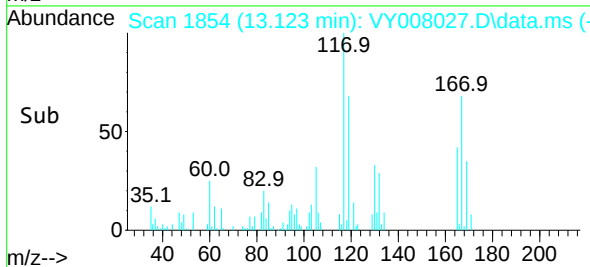
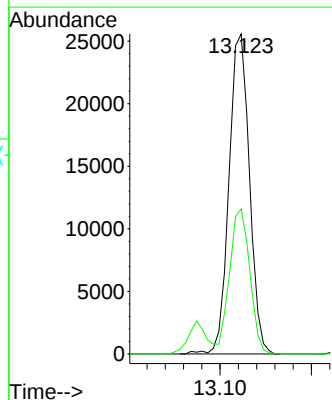
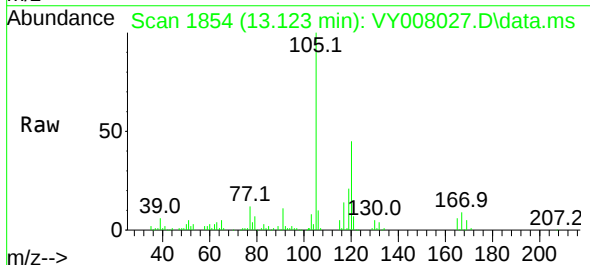
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

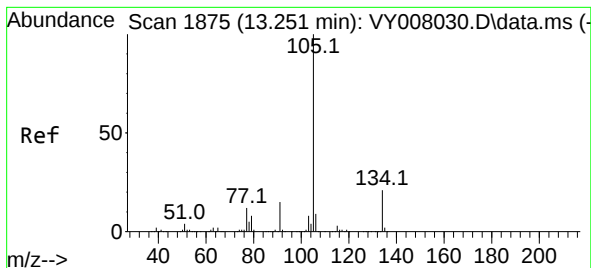
Tgt Ion:119 Resp: 35140
Ion Ratio Lower Upper
119 100
91 67.9 34.8 104.4
134 27.0 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 4.868 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion:105 Resp: 39748
Ion Ratio Lower Upper
105 100
120 44.5 22.3 66.9





#85

sec-Butylbenzene

Concen: 5.051 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

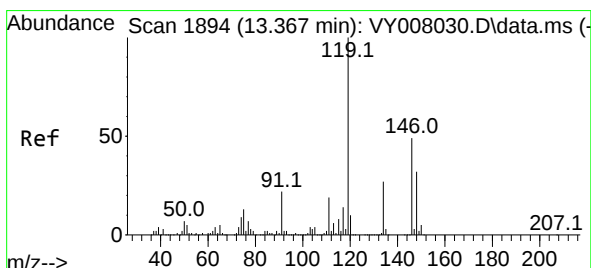
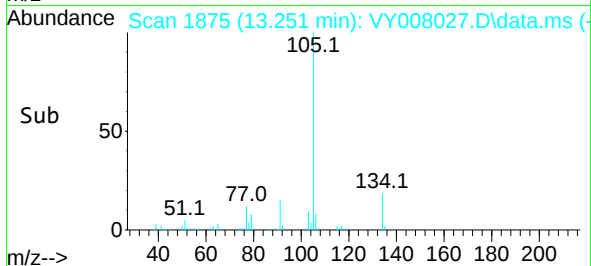
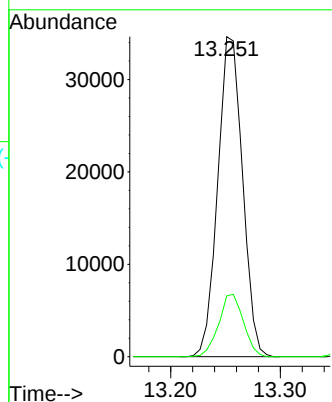
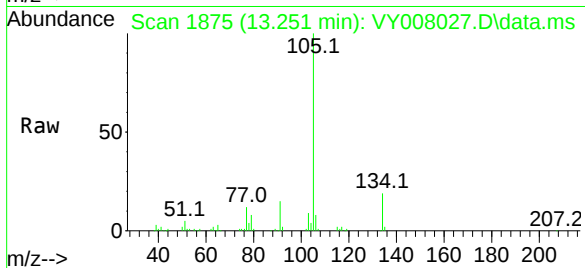
VSTDIC005

Tgt Ion:105 Resp: 54421

Ion Ratio Lower Upper

105 100

134 19.5 10.2 30.4



#86

p-Isopropyltoluene

Concen: 5.015 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

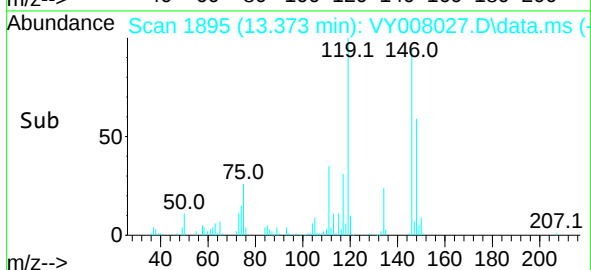
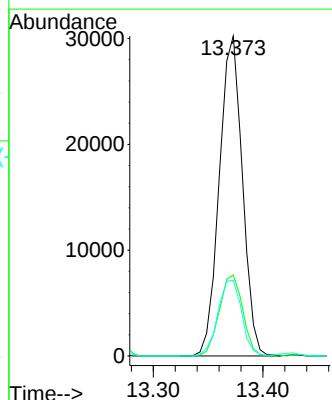
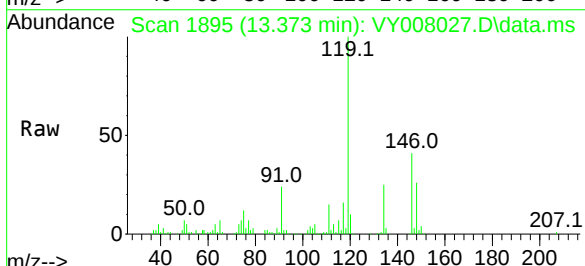
Tgt Ion:119 Resp: 44226

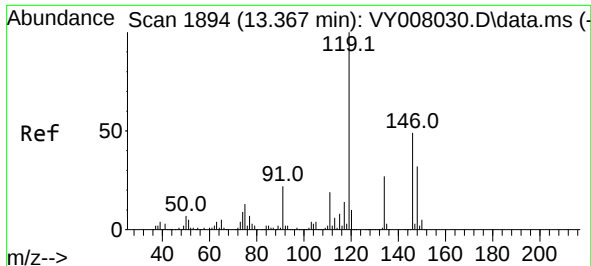
Ion Ratio Lower Upper

119 100

134 25.7 13.2 39.5

91 24.4 12.4 37.2

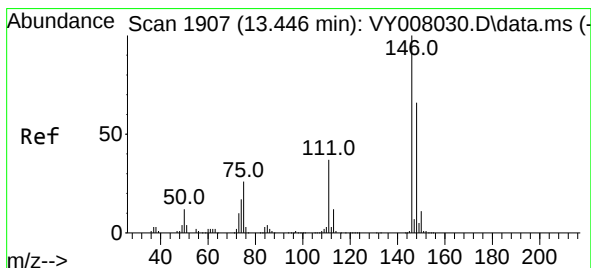
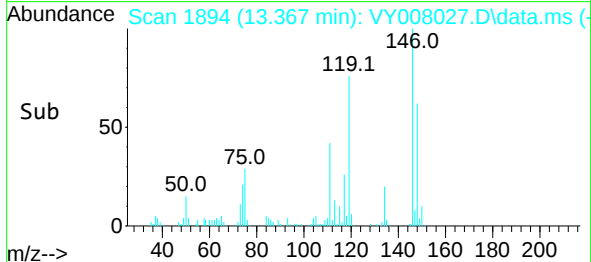
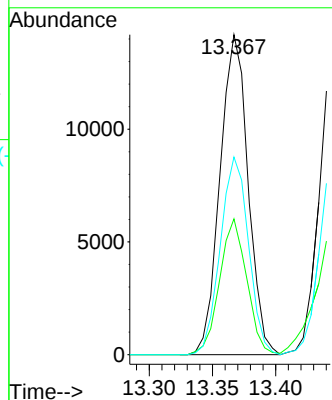
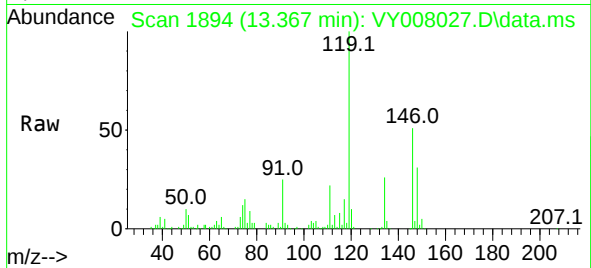




#87
1,3-Dichlorobenzene
Concen: 4.734 ug/l
RT: 13.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

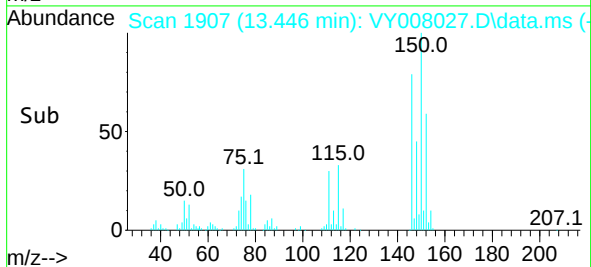
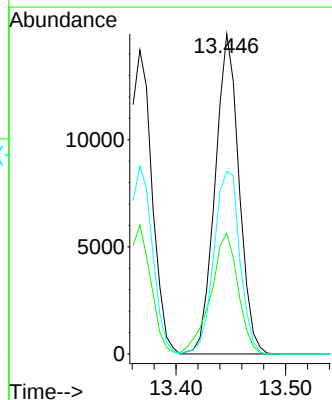
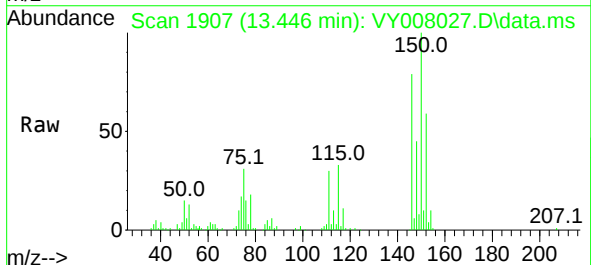
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

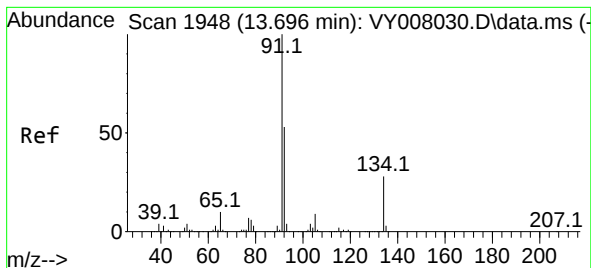
Tgt Ion:146 Resp: 21884
Ion Ratio Lower Upper
146 100
111 41.2 19.5 58.5
148 62.0 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 4.892 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion:146 Resp: 22653
Ion Ratio Lower Upper
146 100
111 43.0 19.3 57.8
148 62.1 32.6 97.8





#89

n-Butylbenzene

Concen: 4.942 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

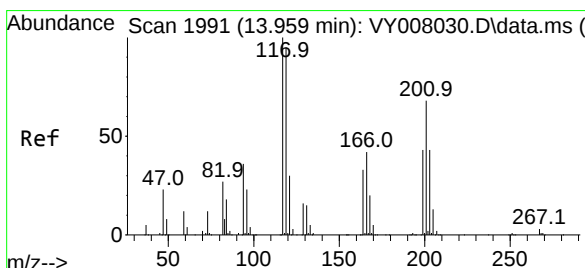
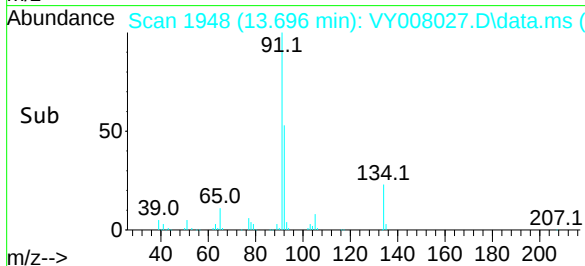
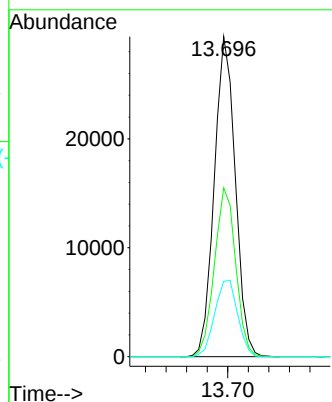
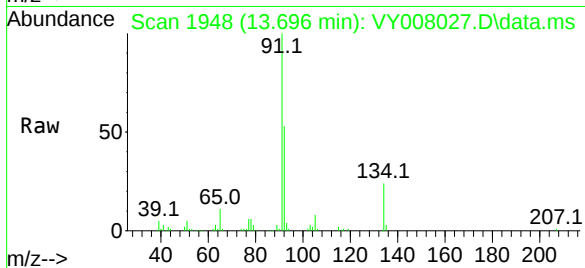
Tgt Ion: 91 Resp: 41697

Ion Ratio Lower Upper

91 100

92 53.3 26.3 78.9

134 26.0 13.0 38.9



#90

Hexachloroethane

Concen: 4.977 ug/l

RT: 13.964 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY008027.D

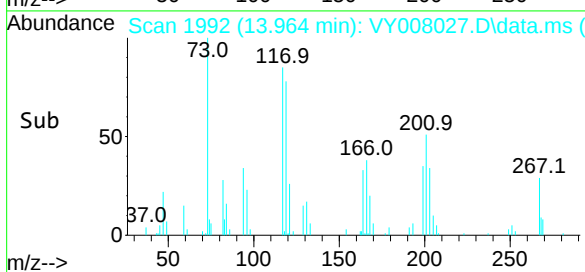
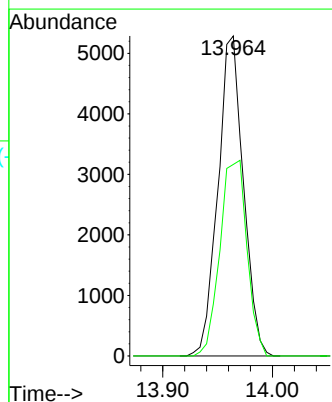
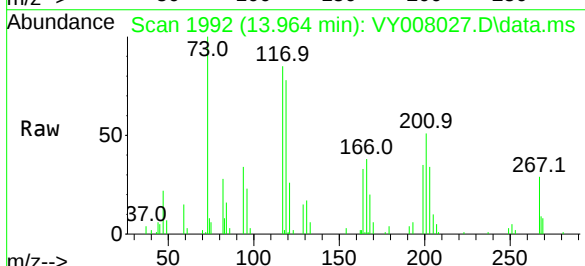
Acq: 25 Mar 2022 15:48

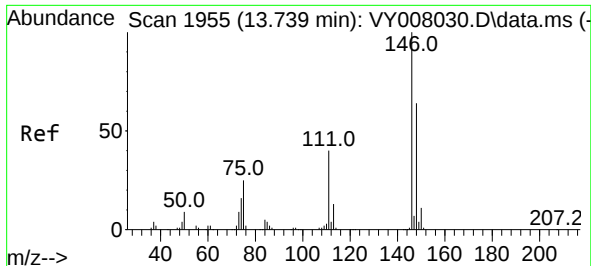
Tgt Ion: 117 Resp: 8531

Ion Ratio Lower Upper

117 100

201 65.0 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 4.550 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

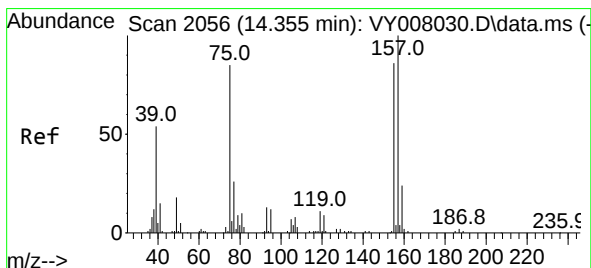
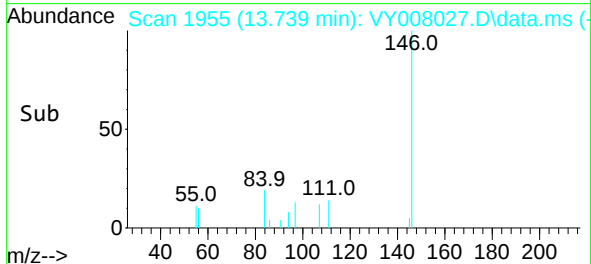
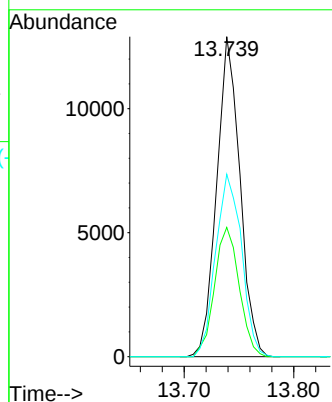
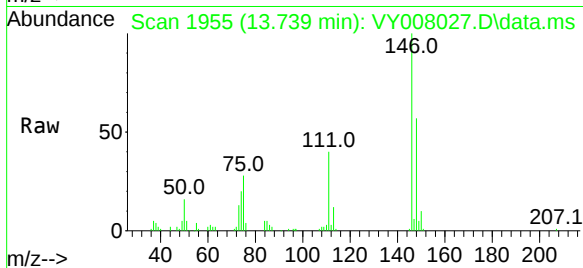
Tgt Ion:146 Resp: 19033

Ion Ratio Lower Upper

146 100

111 42.8 20.3 60.9

148 63.3 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.241 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

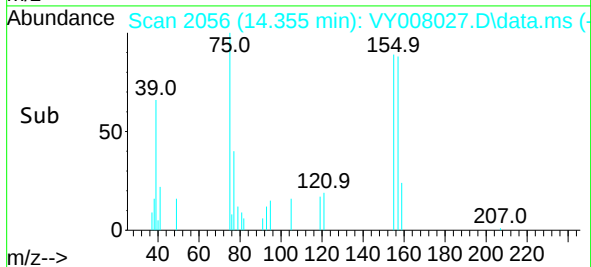
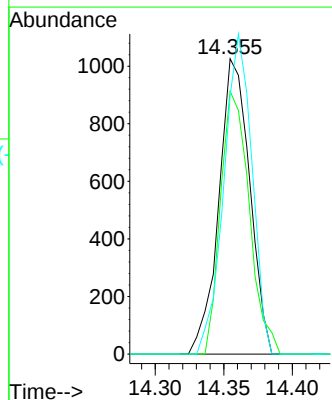
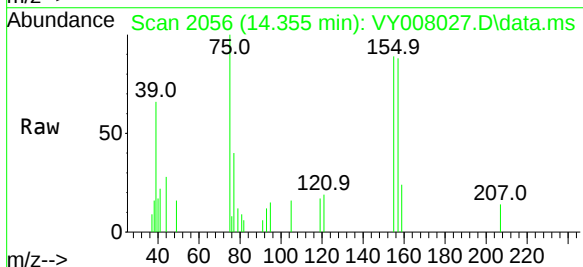
Tgt Ion: 75 Resp: 1607

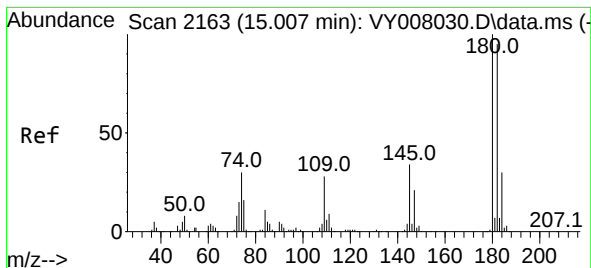
Ion Ratio Lower Upper

75 100

155 82.6 38.0 113.9

157 98.7 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 4.507 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

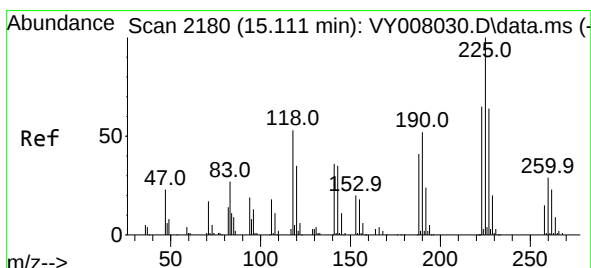
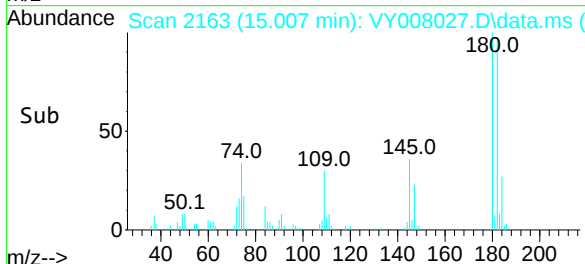
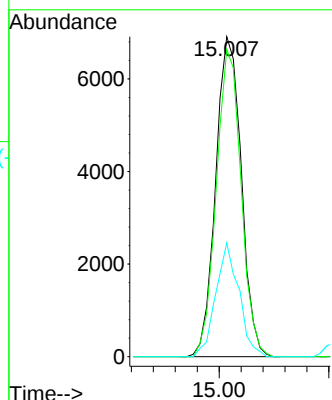
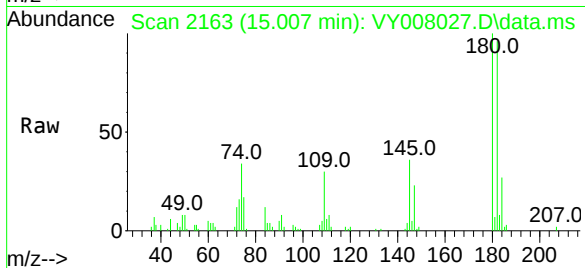
Tgt Ion:180 Resp: 11197

Ion Ratio Lower Upper

180 100

182 93.4 47.3 141.9

145 32.2 14.6 43.8



#94

Hexachlorobutadiene

Concen: 5.460 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

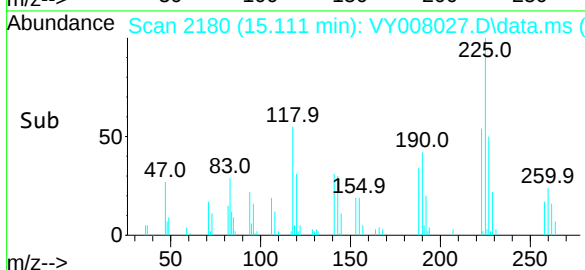
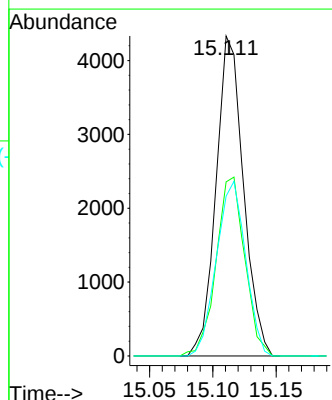
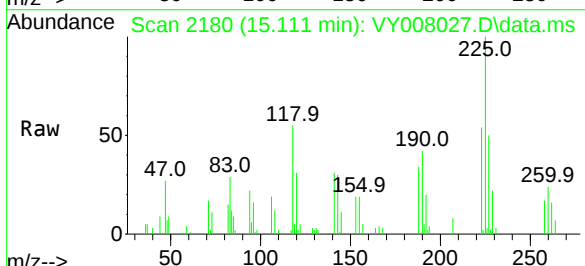
Tgt Ion:225 Resp: 6524

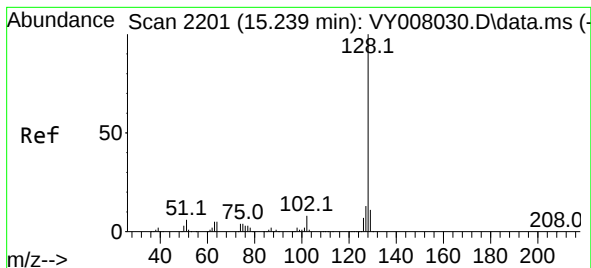
Ion Ratio Lower Upper

225 100

223 58.4 30.8 92.3

227 58.1 31.6 94.7





#95

Naphthalene

Concen: 3.996 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

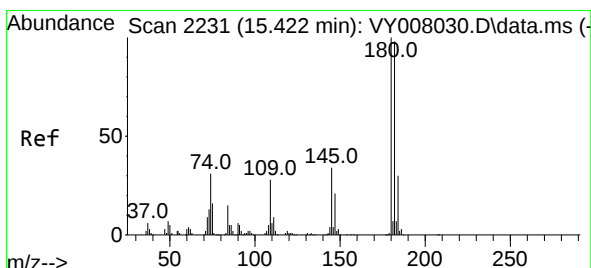
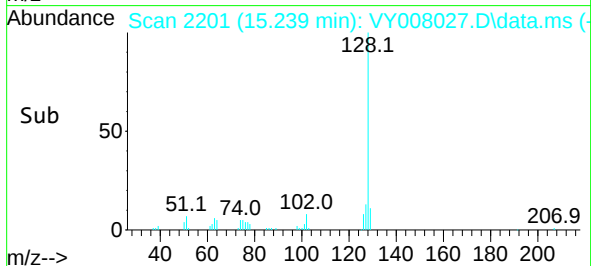
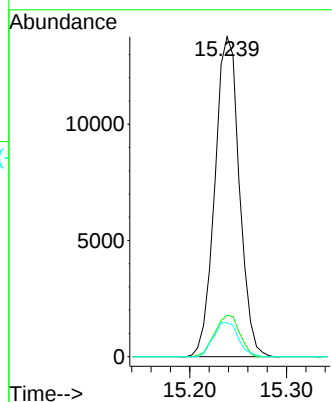
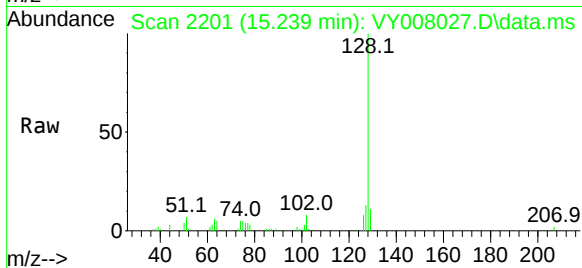
Tgt Ion:128 Resp: 24177

Ion Ratio Lower Upper

128 100

127 13.2 11.0 16.4

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 4.329 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

Tgt Ion:180 Resp: 9426

Ion Ratio Lower Upper

180 100

182 98.4 47.3 141.9

145 34.9 15.3 45.9

