

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032522\
 Data File : VY008029.D
 Acq On : 25 Mar 2022 16:33
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Mar 25 17:55:07 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	176723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	297194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	266236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	126373	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	33564	13.966	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	27.940%#
35) Dibromofluoromethane	7.716	113	34054	17.133	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	34.260%#
50) Toluene-d8	10.179	98	126949	17.595	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	35.200%#
62) 4-Bromofluorobenzene	12.477	95	46761	17.106	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	34.220%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	37125	18.216	ug/l	100
3) Chloromethane	2.113	50	42996	15.676	ug/l	93
4) Vinyl Chloride	2.247	62	57694	18.045	ug/l	99
5) Bromomethane	2.631	94	45794	17.759	ug/l	98
6) Chloroethane	2.790	64	36624	17.552	ug/l	98
7) Trichlorofluoromethane	3.119	101	69211	17.865	ug/l	92
8) Diethyl Ether	3.527	74	21993	14.477	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.893	101	42341	17.646	ug/l	93
10) Methyl Iodide	4.088	142	43798	17.559	ug/l	91
11) Tert butyl alcohol	4.954	59	19100	65.055	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	39468	17.057	ug/l	82
13) Acrolein	3.722	56	17016	67.918	ug/l	95
14) Allyl chloride	4.472	41	51418	13.519	ug/l #	91
15) Acrylonitrile	5.161	53	51986	62.848	ug/l	97
16) Acetone	3.942	43	39750	56.521	ug/l #	89
17) Carbon Disulfide	4.192	76	119880	16.919	ug/l	99
18) Methyl Acetate	4.472	43	22857	10.579	ug/l #	86
19) Methyl tert-butyl Ether	5.222	73	108677	14.281	ug/l #	90
20) Methylene Chloride	4.710	84	47127	14.063	ug/l #	80
21) trans-1,2-Dichloroethene	5.216	96	45095	16.460	ug/l	82
22) Diisopropyl ether	6.118	45	111051	13.514	ug/l #	89
23) Vinyl Acetate	6.057	43	368473	65.884	ug/l #	86
24) 1,1-Dichloroethane	6.015	63	71737	15.342	ug/l	97
25) 2-Butanone	6.984	43	63159	58.907	ug/l #	70
26) 2,2-Dichloropropane	6.978	77	67573	16.083	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	51276	16.106	ug/l	82
28) Bromochloromethane	7.332	49	25160	15.139	ug/l #	73
29) Tetrahydrofuran	7.344	42	42223	59.446	ug/l #	77
30) Chloroform	7.502	83	77111	15.527	ug/l	96
31) Cyclohexane	7.783	56	69897	15.897	ug/l #	80
32) 1,1,1-Trichloroethane	7.697	97	72469	16.998	ug/l	95
36) 1,1-Dichloropropene	7.917	75	61092	18.153	ug/l	96
37) Ethyl Acetate	7.069	43	28779	13.128	ug/l #	91
38) Carbon Tetrachloride	7.899	117	64252	18.825	ug/l	97
39) Methylcyclohexane	9.179	83	82478	18.854	ug/l #	86
40) Benzene	8.155	78	172103	17.433	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	39078	15.971	ug/l #	38
42) 1,2-Dichloroethane	8.234	62	48532	15.939	ug/l	91
43) Isopropyl Acetate	8.270	43	55913	13.634	ug/l #	86
44) Trichloroethene	8.935	130	48591	18.380	ug/l	98
45) 1,2-Dichloropropane	9.215	63	40500	16.066	ug/l	95
46) Dibromomethane	9.301	93	26129	16.102	ug/l	92
47) Bromodichloromethane	9.496	83	59339	16.560	ug/l	98
48) Methyl methacrylate	9.289	41	24332	13.671	ug/l #	79
49) 1,4-Dioxane	9.295	88	6886	295.516	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	141395	67.483	ug/l #	85
52) Toluene	10.240	92	112019	17.828	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	62727	16.289	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	69956	16.283	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	35301	15.948	ug/l	97
56) Ethyl methacrylate	10.508	69	48245	15.242	ug/l #	75
57) 1,3-Dichloropropane	10.788	76	59556	15.784	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	93072	69.351	ug/l #	90
59) 2-Hexanone	10.831	43	98601	66.610	ug/l	82
60) Dibromochloromethane	10.983	129	42494	16.678	ug/l	99
61) 1,2-Dibromoethane	11.087	107	35601	16.038	ug/l	100
64) Tetrachloroethene	10.715	164	40006	19.600	ug/l	97
65) Chlorobenzene	11.514	112	120097	18.327	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	43291	18.188	ug/l	96
67) Ethyl Benzene	11.593	91	213771	18.643	ug/l	95
68) m/p-Xylenes	11.703	106	170012	37.996	ug/l	93
69) o-Xylene	12.032	106	80438	18.660	ug/l	93
70) Styrene	12.044	104	133506	18.568	ug/l	95
71) Bromoform	12.209	173	24217	15.995	ug/l #	99
73) Isopropylbenzene	12.331	105	213068	19.522	ug/l	99
74) N-amyl acetate	12.142	43	49357	14.985	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.581	83	41821	16.474	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	53118	17.391	ug/l #	100
77) Bromobenzene	12.605	156	47050	18.203	ug/l	97
78) n-propylbenzene	12.672	91	255975	19.417	ug/l	98
79) 2-Chlorotoluene	12.757	91	139967	18.588	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	176045	19.510	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	14359	16.375	ug/l #	82
82) 4-Chlorotoluene	12.855	91	148335	19.090	ug/l	99
83) tert-Butylbenzene	13.074	119	153725	19.697	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	172162	19.306	ug/l	98
85) sec-Butylbenzene	13.251	105	232601	19.768	ug/l	99
86) p-Isopropyltoluene	13.367	119	192249	19.960	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	94285	18.677	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	93643	18.516	ug/l	98
89) n-Butylbenzene	13.696	91	182264	19.782	ug/l	99
90) Hexachloroethane	13.958	117	35868	19.161	ug/l	79
91) 1,2-Dichlorobenzene	13.739	146	83629	18.306	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6504	15.718	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	46368	17.091	ug/l	98
94) Hexachlorobutadiene	15.111	225	24481	18.762	ug/l	98
95) Naphthalene	15.239	128	105392	15.952	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	40583	17.068	ug/l	98

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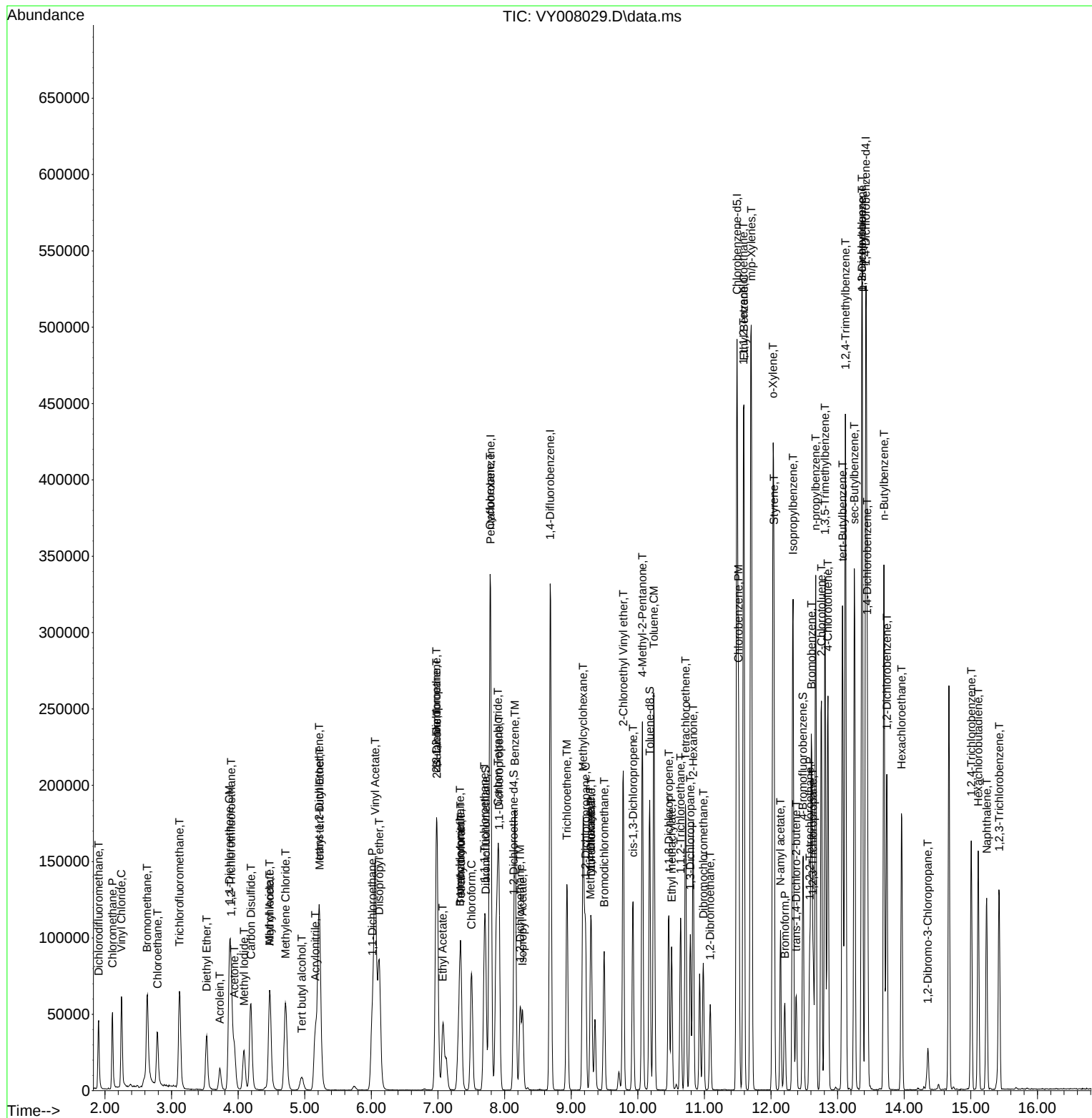
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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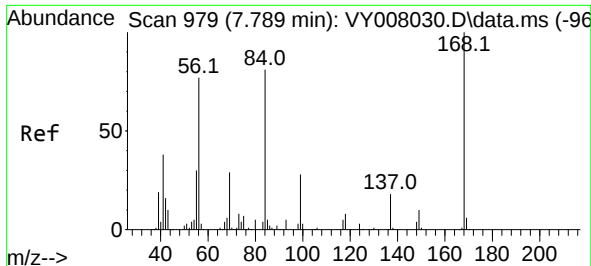
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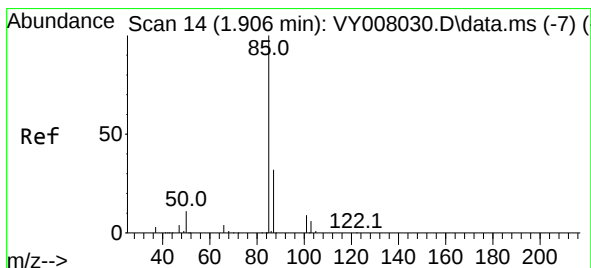
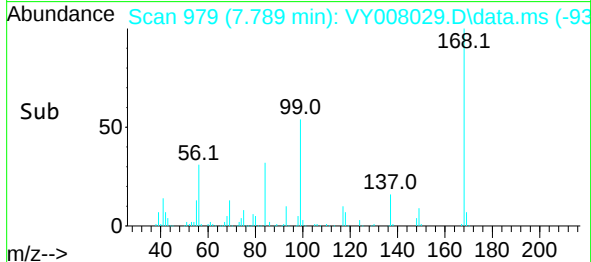
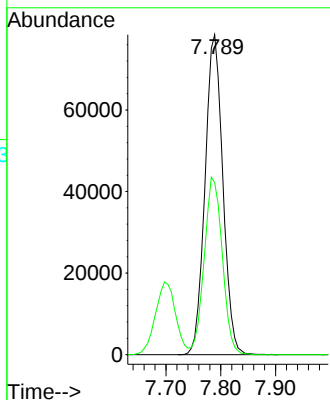
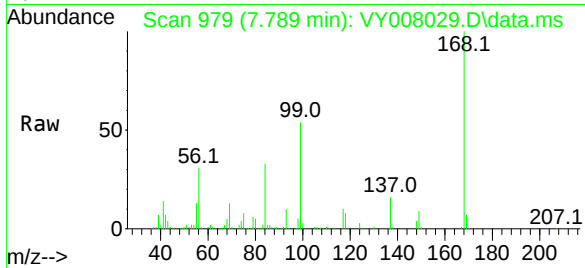




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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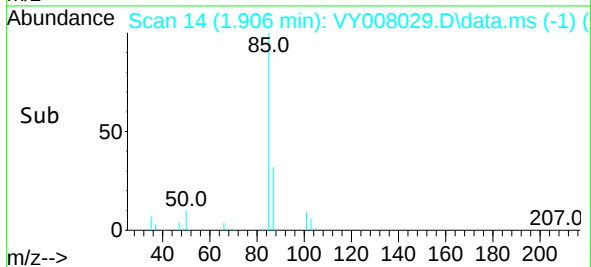
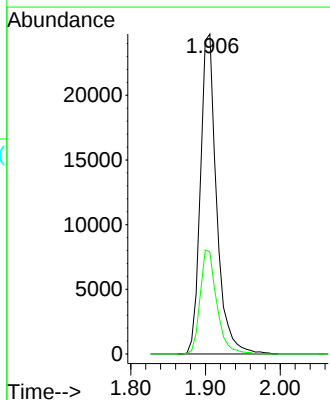
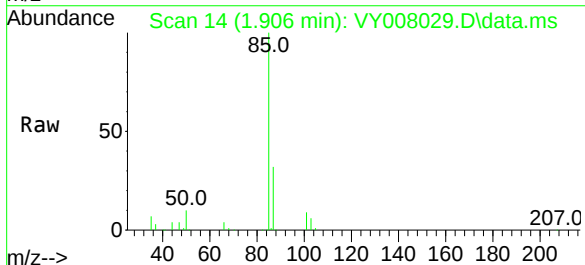
Instrument :
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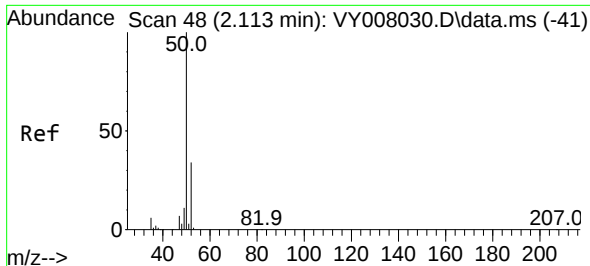
Tgt Ion:168 Resp: 176723
Ion Ratio Lower Upper
168 100
99 53.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 18.216 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

Tgt Ion: 85 Resp: 37125
Ion Ratio Lower Upper
85 100
87 31.9 16.1 48.2

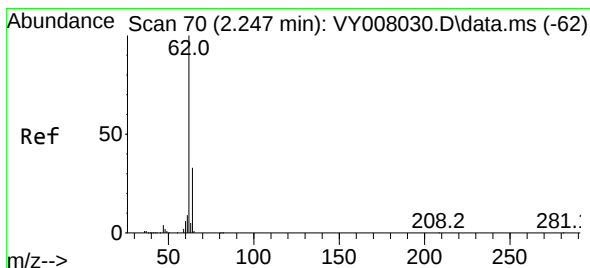
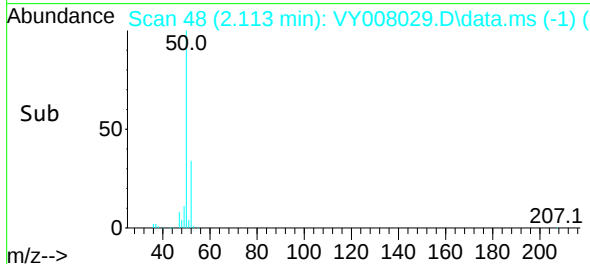
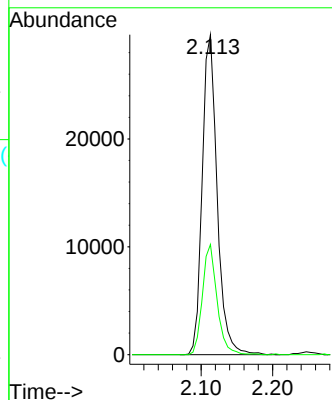
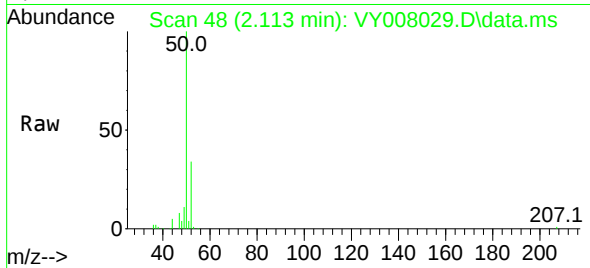




#3
Chloromethane
Concen: 15.676 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY008029.D
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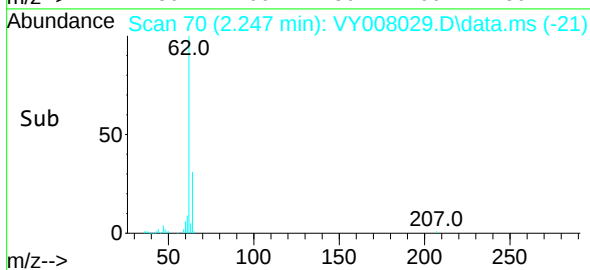
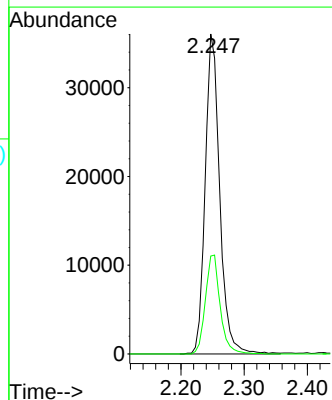
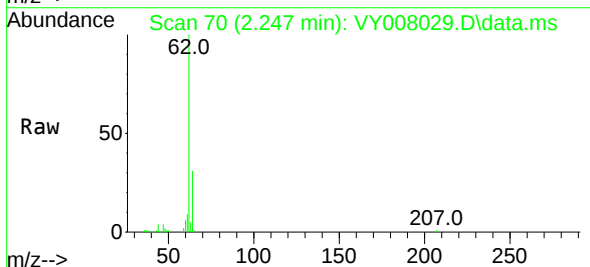
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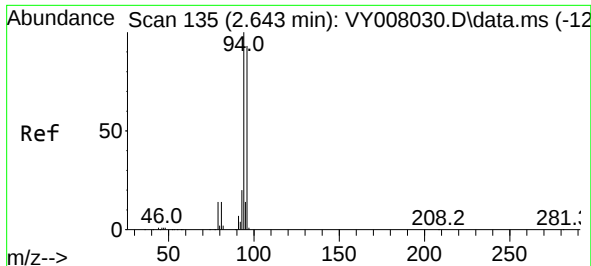
Tgt Ion: 50 Resp: 42996
Ion Ratio Lower Upper
50 100
52 34.5 24.6 37.0



#4
Vinyl Chloride
Concen: 18.045 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

Tgt Ion: 62 Resp: 57694
Ion Ratio Lower Upper
62 100
64 30.6 25.0 37.6

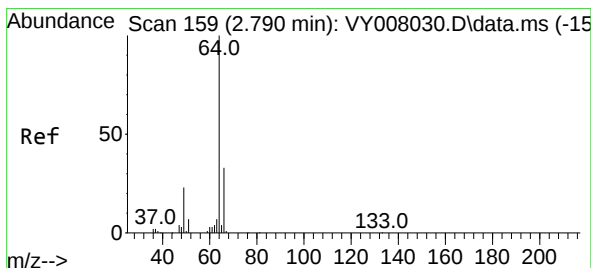
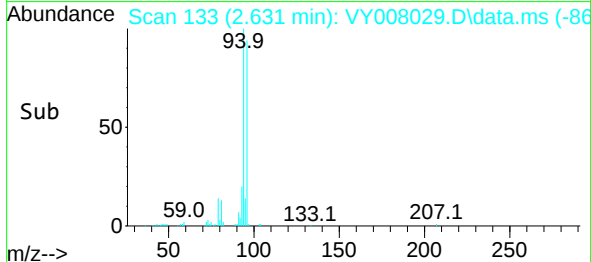
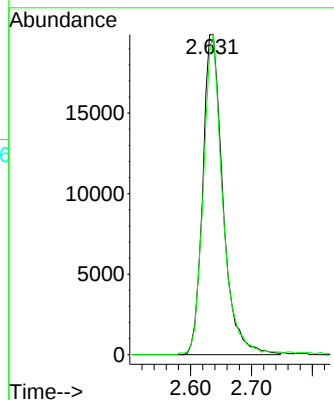
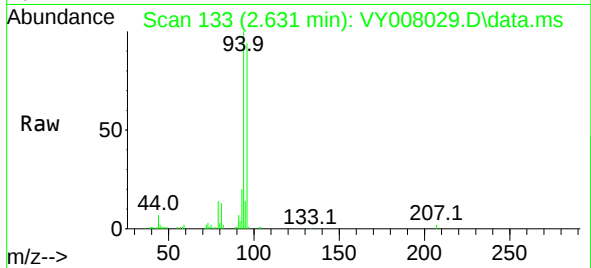




#5
Bromomethane
Concen: 17.759 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY008029.D
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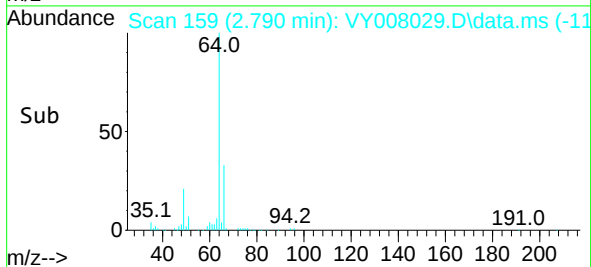
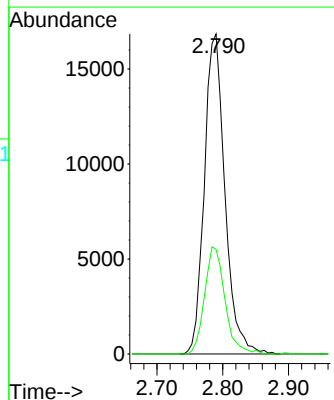
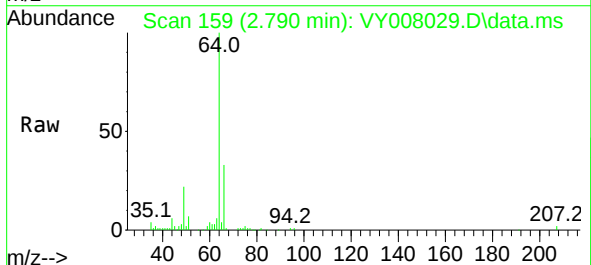
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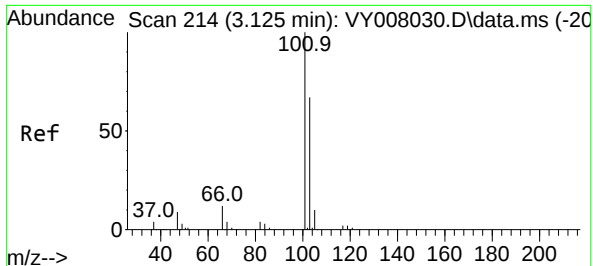
Tgt Ion: 94 Resp: 45794
Ion Ratio Lower Upper
94 100
96 93.8 73.5 110.3



#6
Chloroethane
Concen: 17.552 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 36624
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.0

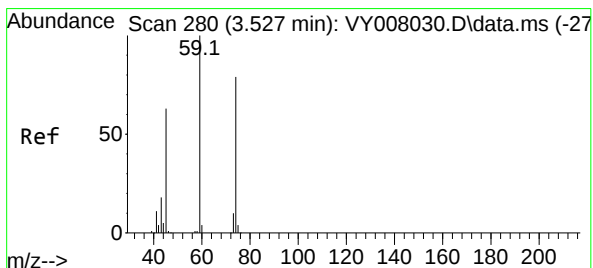
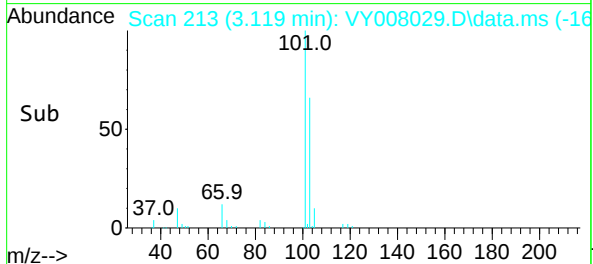
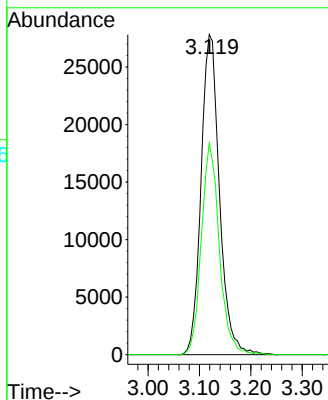
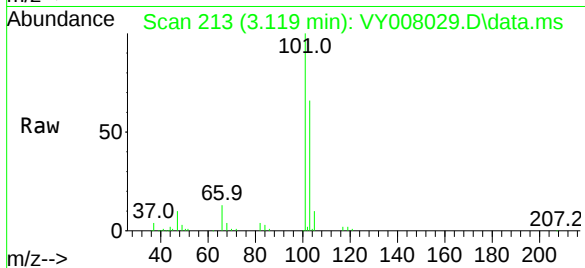




#7
Trichlorofluoromethane
Concen: 17.865 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY008029.D
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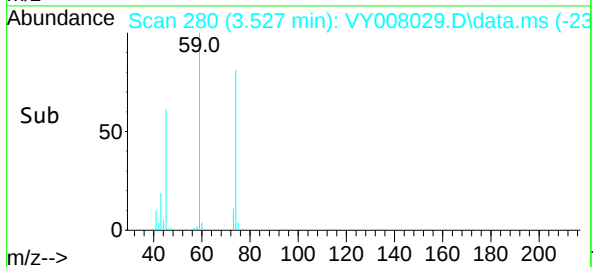
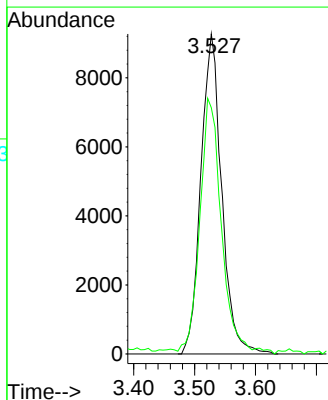
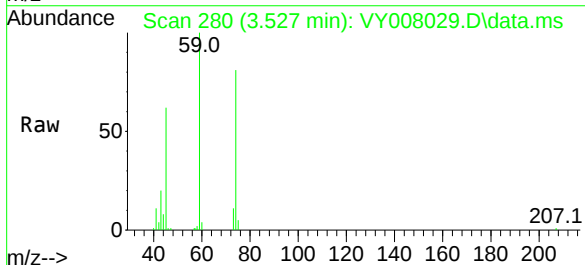
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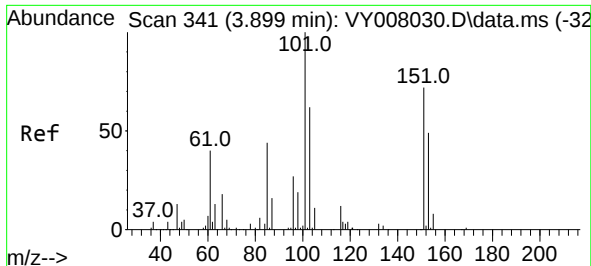
Tgt Ion:101 Resp: 69211
Ion Ratio Lower Upper
101 100
103 66.0 48.0 72.0



#8
Diethyl Ether
Concen: 14.477 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 21993
Ion Ratio Lower Upper
74 100
45 84.8 55.1 165.5

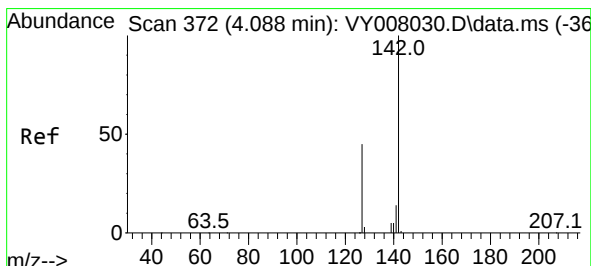
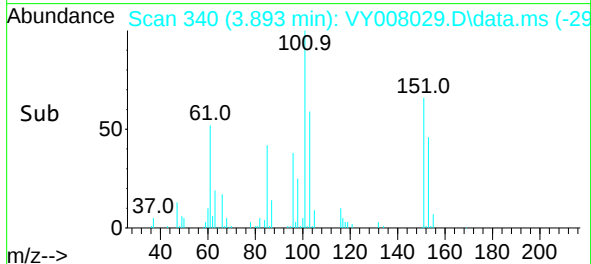
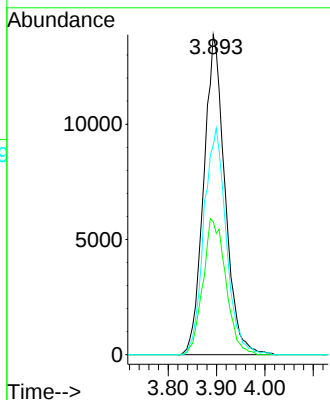
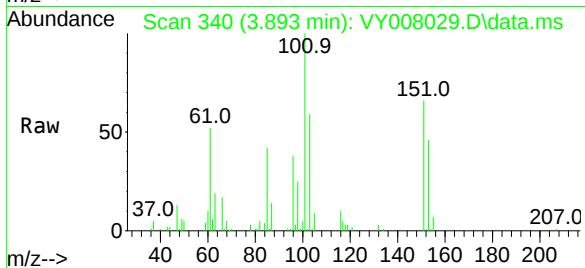




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.646 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

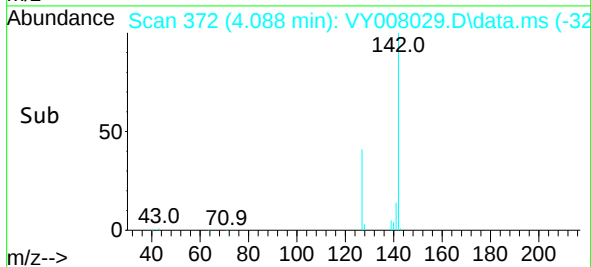
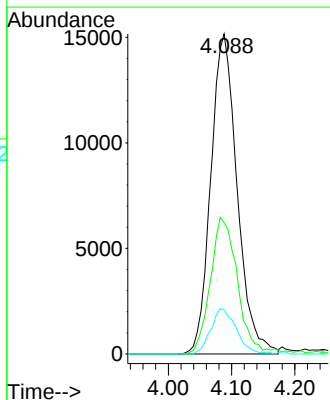
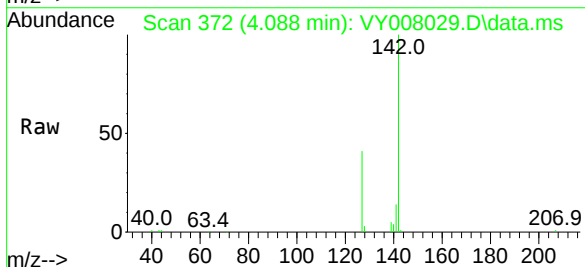
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

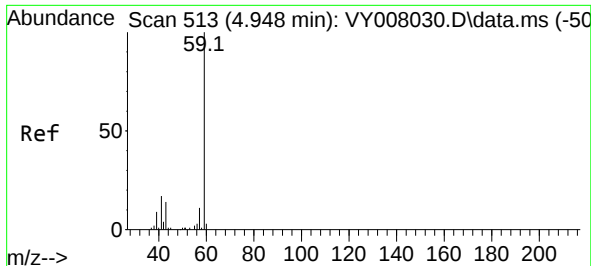
Tgt Ion:101 Resp: 42341
Ion Ratio Lower Upper
101 100
85 45.6 40.6 60.8
151 74.3 64.9 97.3



#10
Methyl Iodide
Concen: 17.559 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

Tgt Ion:142 Resp: 43798
Ion Ratio Lower Upper
142 100
127 44.2 41.5 62.3
141 13.7 11.9 17.9





#11

Tert butyl alcohol

Concen: 65.055 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY008029.D

Acq: 25 Mar 2022 16:33

Instrument :

MSVOA_Y

ClientSampleId :

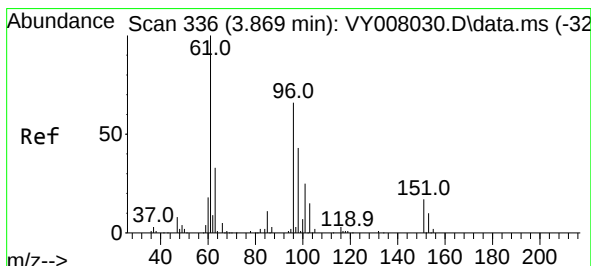
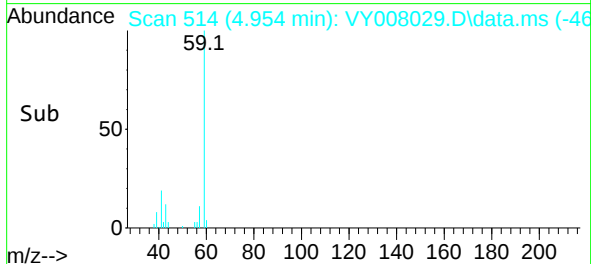
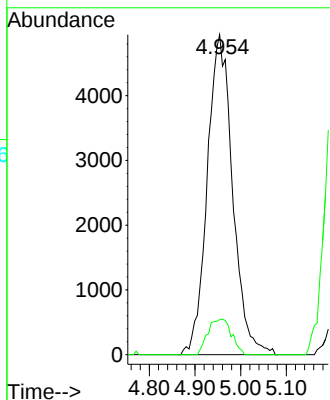
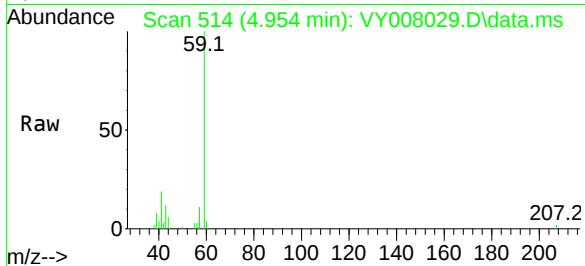
VSTDICC020

Tgt Ion: 59 Resp: 19100

Ion Ratio Lower Upper

59 100

57 10.3 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 17.057 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.000 min

Lab File: VY008029.D

Acq: 25 Mar 2022 16:33

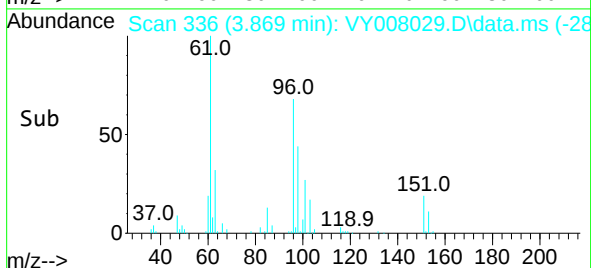
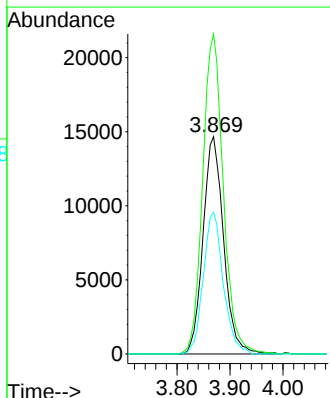
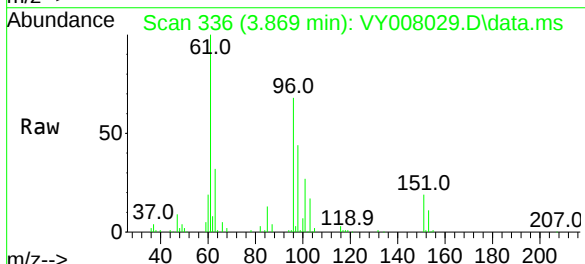
Tgt Ion: 96 Resp: 39468

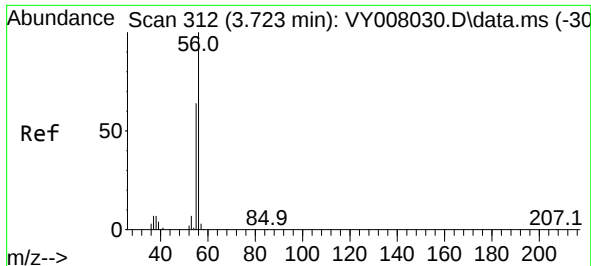
Ion Ratio Lower Upper

96 100

61 147.3 145.8 218.6

98 65.1 52.5 78.7

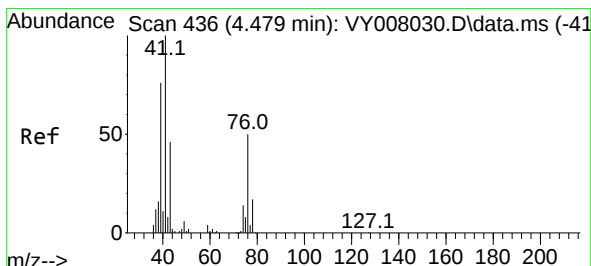
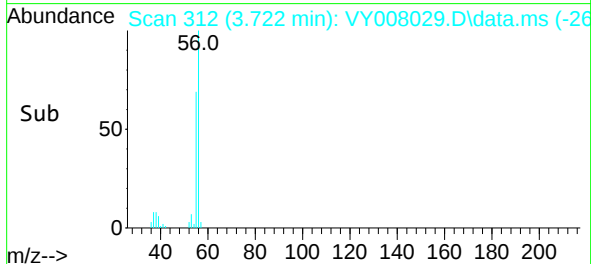
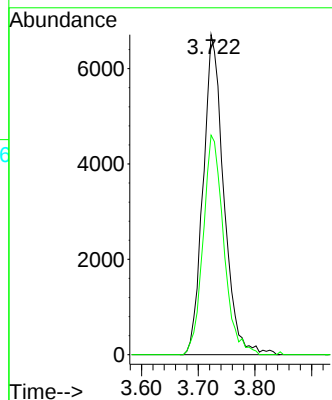
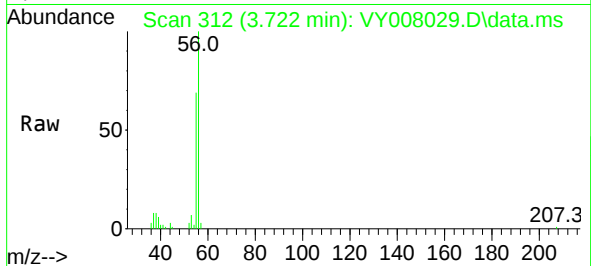




#13
Acrolein
Concen: 67.918 ug/l
RT: 3.722 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

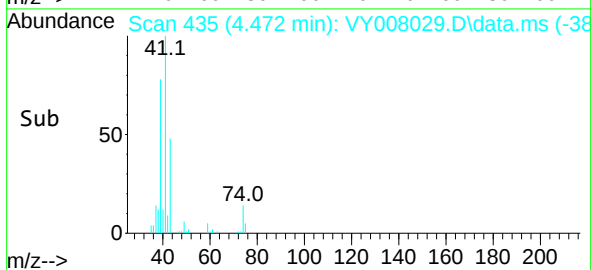
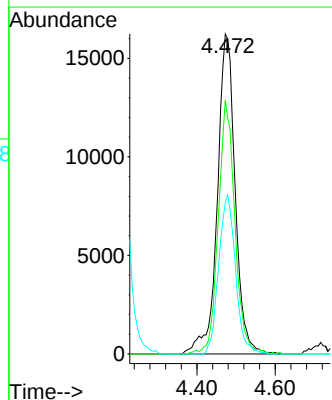
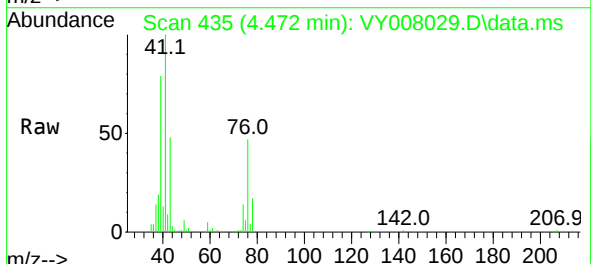
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

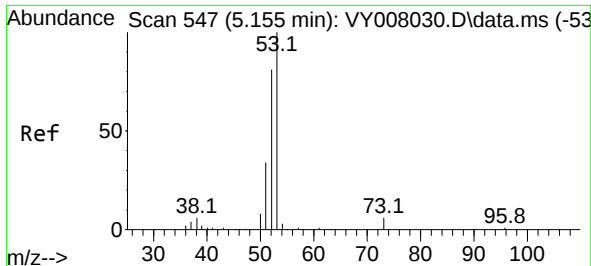
Tgt Ion: 56 Resp: 17016
Ion Ratio Lower Upper
56 100
55 68.1 57.6 86.4



#14
Allyl chloride
Concen: 13.519 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

Tgt Ion: 41 Resp: 51418
Ion Ratio Lower Upper
41 100
39 73.9 58.8 88.2
76 46.8 25.1 37.7#

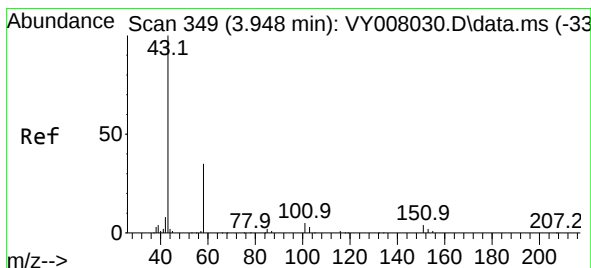
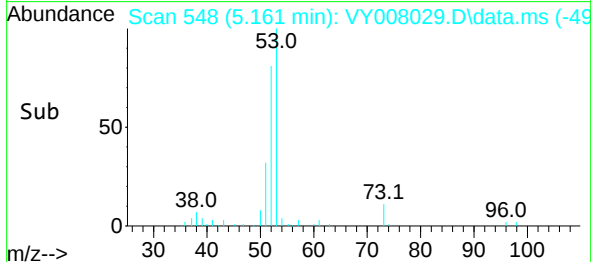
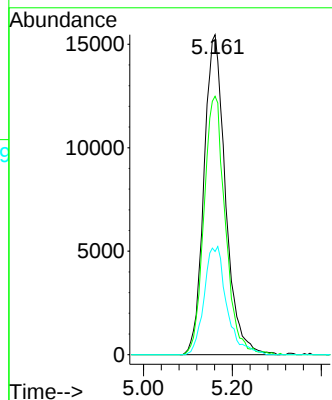
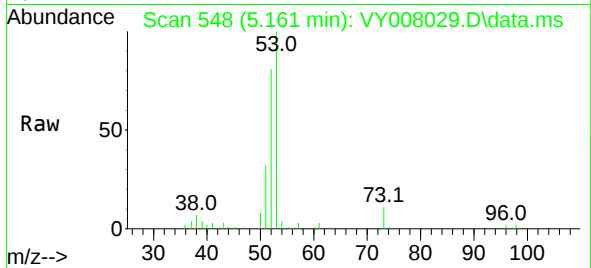




#15
Acrylonitrile
Concen: 62.848 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

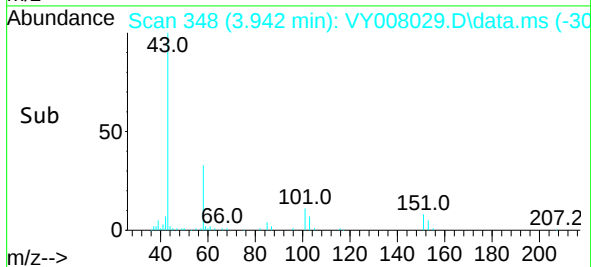
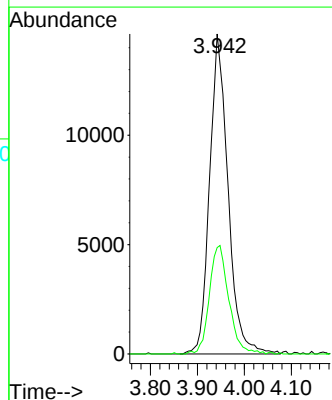
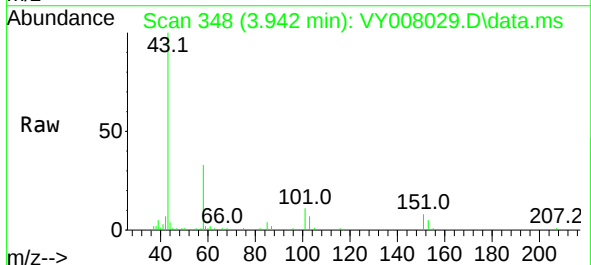
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

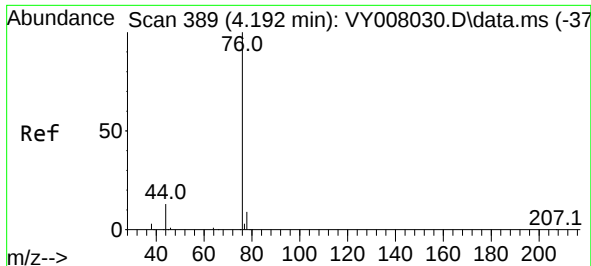
Tgt Ion: 53 Resp: 51986
Ion Ratio Lower Upper
53 100
52 80.3 67.0 100.4
51 35.5 29.8 44.6



#16
Acetone
Concen: 56.521 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

Tgt Ion: 43 Resp: 39750
Ion Ratio Lower Upper
43 100
58 33.3 22.0 33.0#

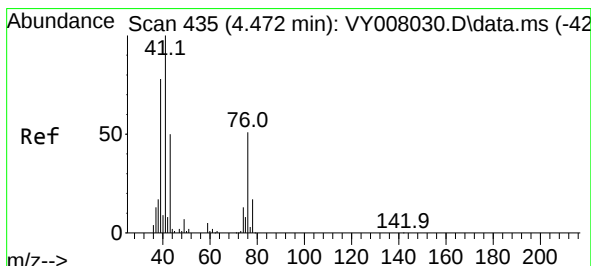
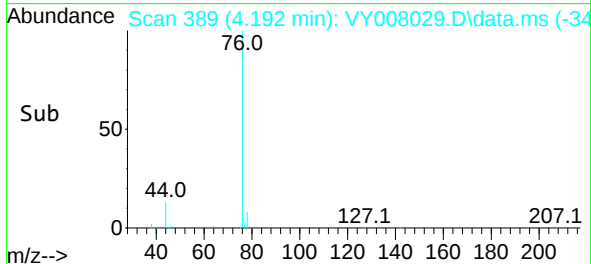
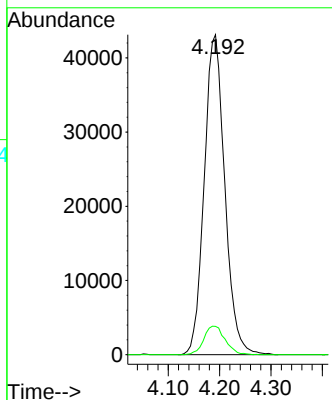
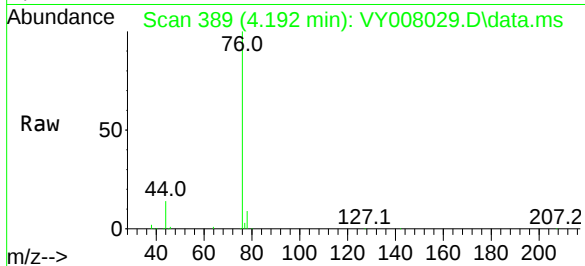




#17
Carbon Disulfide
Concen: 16.919 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

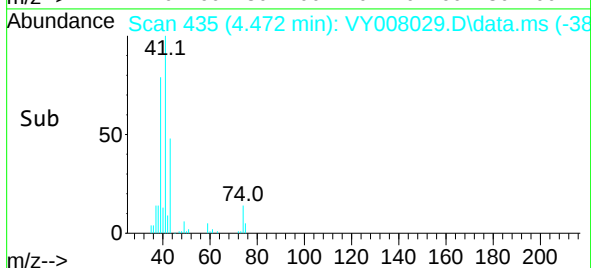
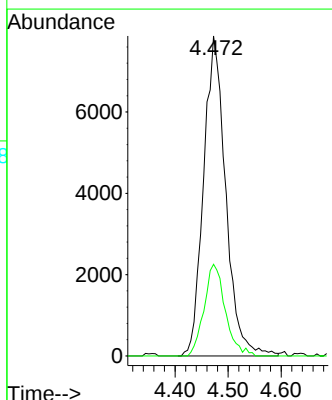
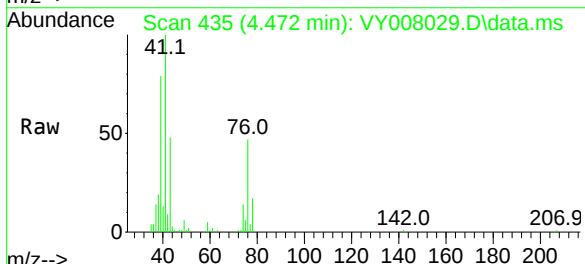
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

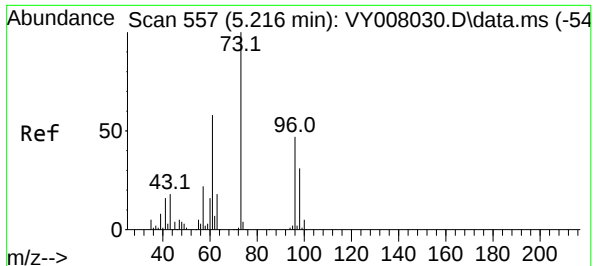
Tgt Ion: 76 Resp: 119880
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 10.579 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

Tgt Ion: 43 Resp: 22857
Ion Ratio Lower Upper
43 100
74 27.4 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 14.281 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY008029.D

Acq: 25 Mar 2022 16:33

Instrument :

MSVOA_Y

ClientSampleId :

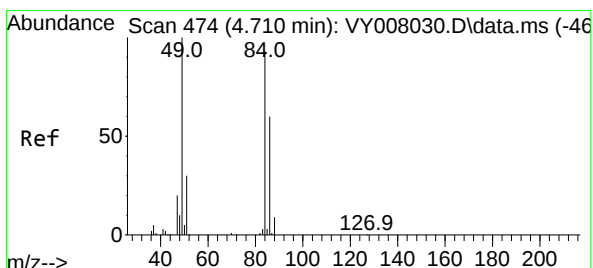
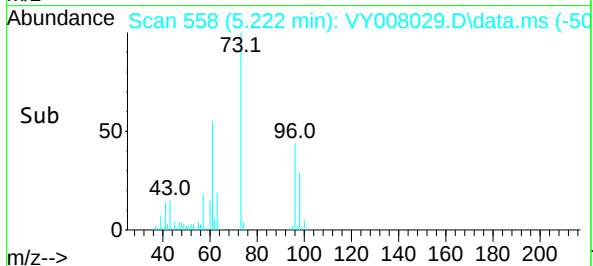
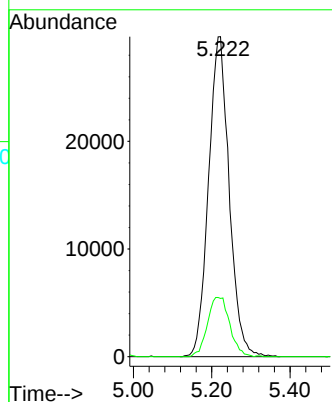
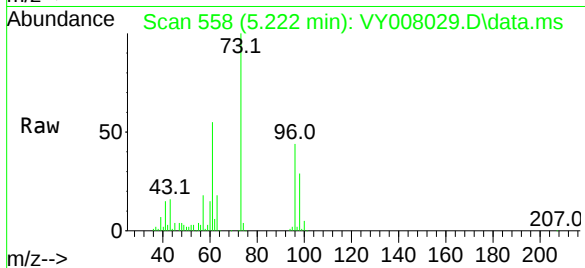
VSTDIC020

Tgt Ion: 73 Resp: 108677

Ion Ratio Lower Upper

73 100

57 18.2 18.6 27.8#



#20

Methylene Chloride

Concen: 14.063 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.000 min

Lab File: VY008029.D

Acq: 25 Mar 2022 16:33

Tgt Ion: 84 Resp: 47127

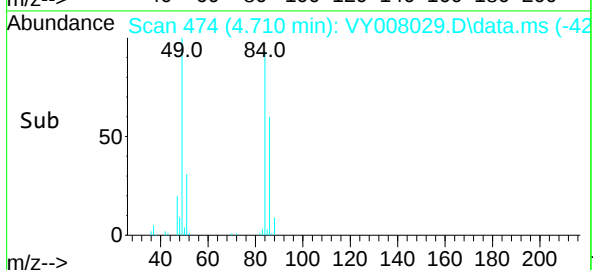
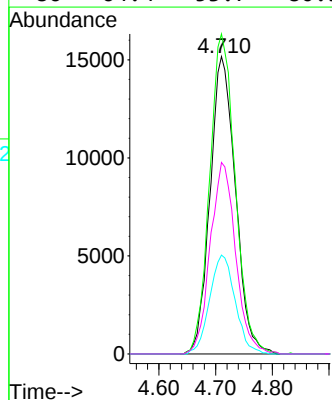
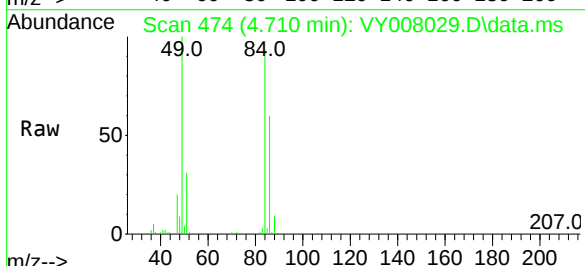
Ion Ratio Lower Upper

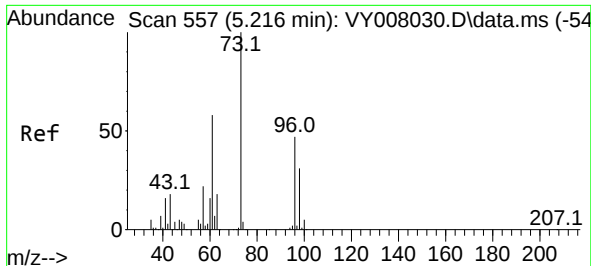
84 100

49 107.6 114.4 171.6#

51 33.2 35.3 52.9#

86 64.4 53.7 80.5

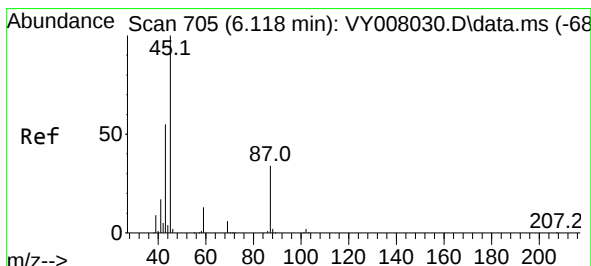
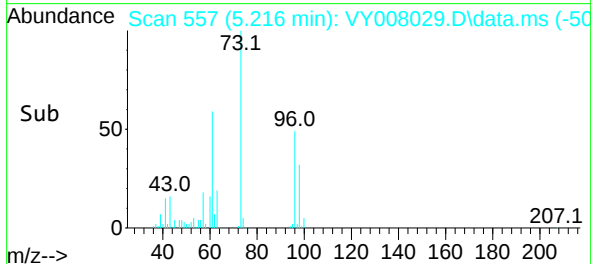
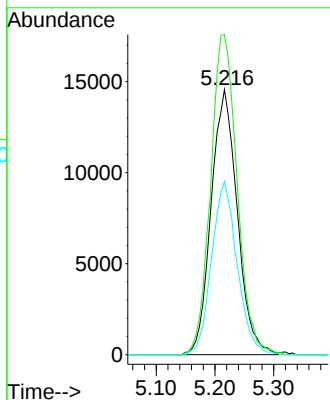
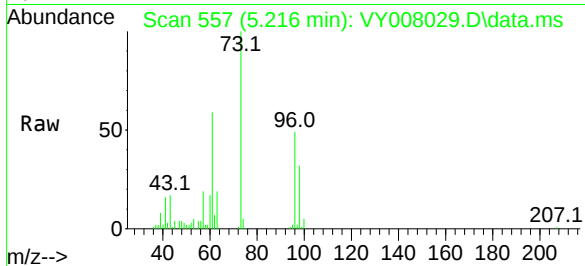




#21
trans-1,2-Dichloroethene
Concen: 16.460 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

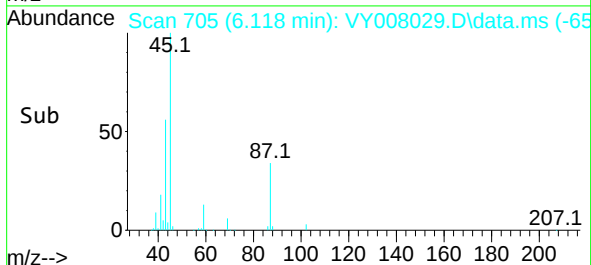
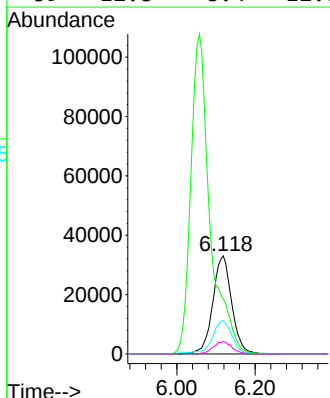
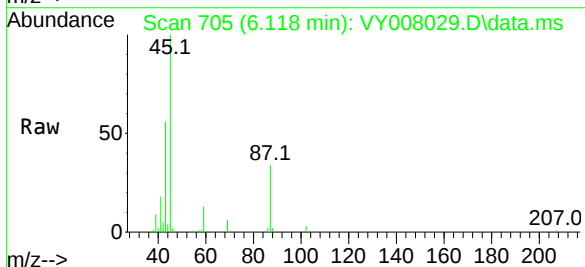
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

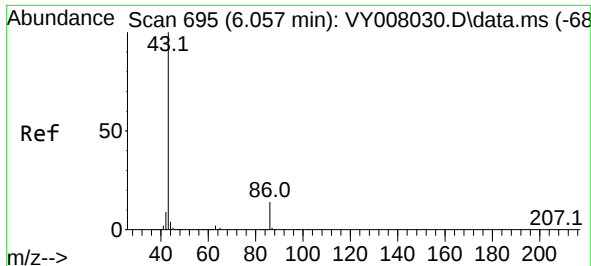
Tgt Ion: 96 Resp: 45095
Ion Ratio Lower Upper
96 100
61 120.7 120.5 180.7
98 65.4 49.8 74.8



#22
Diisopropyl ether
Concen: 13.514 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

Tgt Ion: 45 Resp: 111051
Ion Ratio Lower Upper
45 100
43 55.5 49.3 73.9
87 34.2 19.2 28.8#
59 12.8 8.4 12.6#

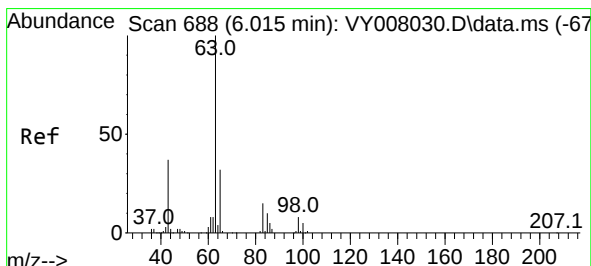
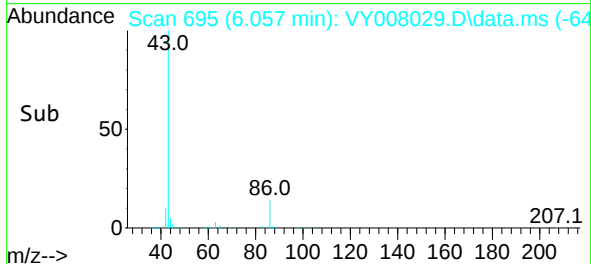
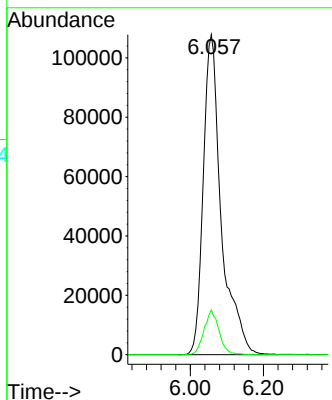
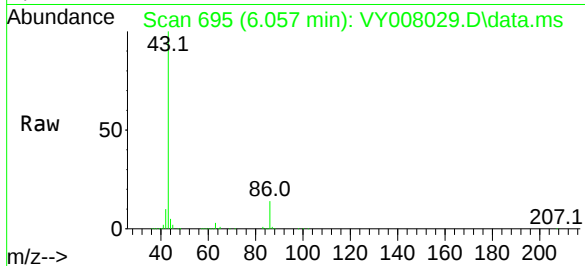




#23
 Vinyl Acetate
 Concen: 65.884 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY008029.D
 Acq: 25 Mar 2022 16:33

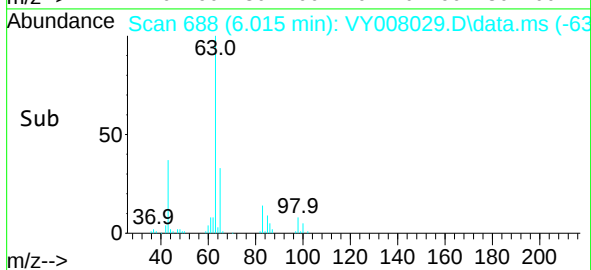
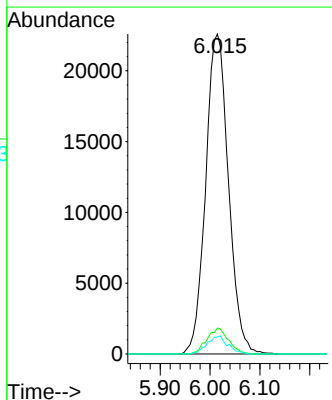
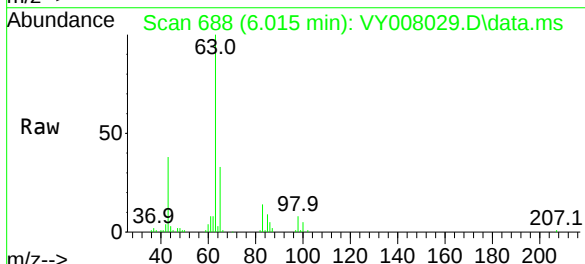
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

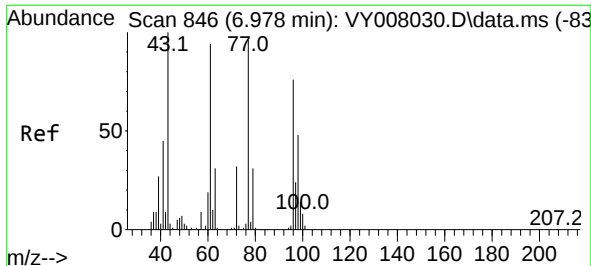
Tgt Ion: 43 Resp: 368473
 Ion Ratio Lower Upper
 43 100
 86 14.0 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 15.342 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY008029.D
 Acq: 25 Mar 2022 16:33

Tgt Ion: 63 Resp: 71737
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.6 10.8
 100 5.3 2.0 5.8

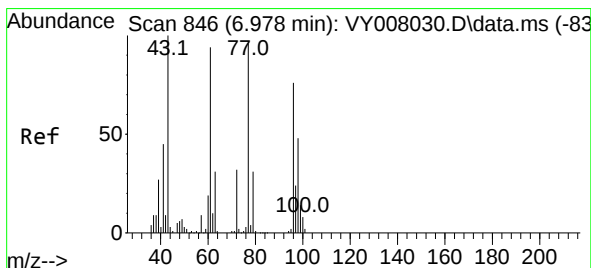
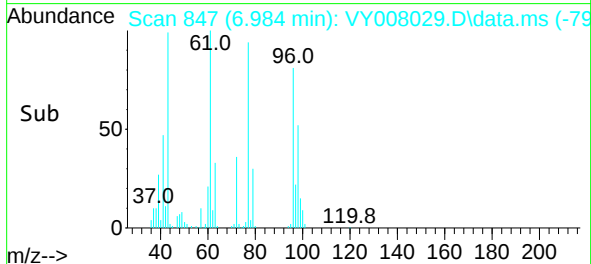
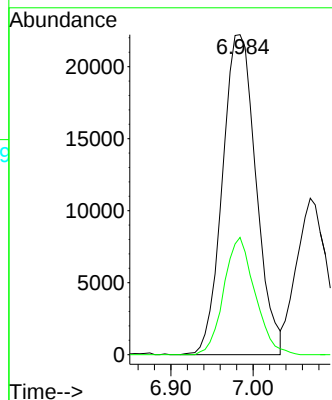
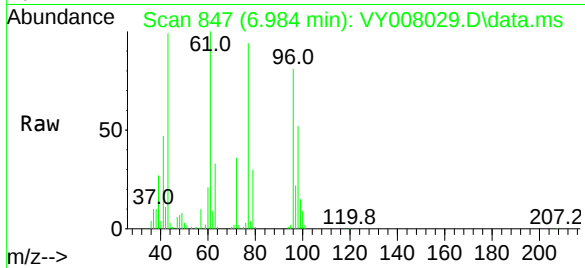




#25
2-Butanone
Concen: 58.907 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

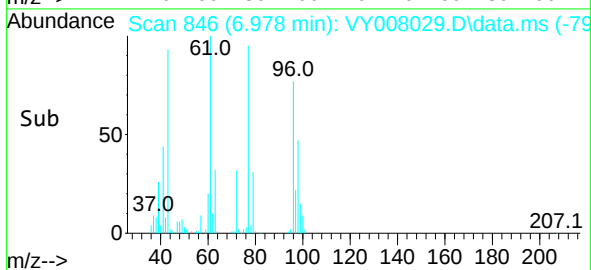
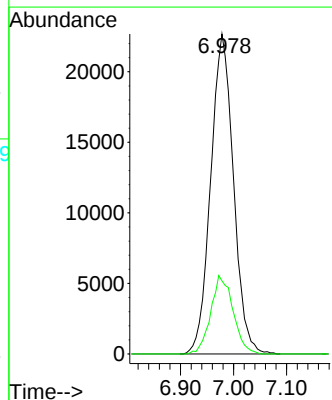
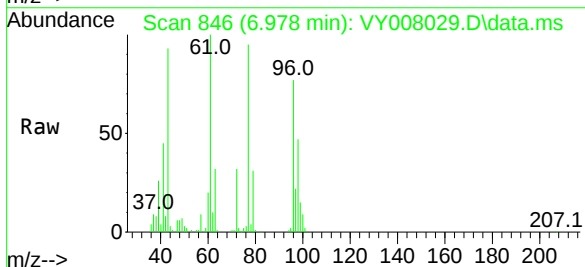
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

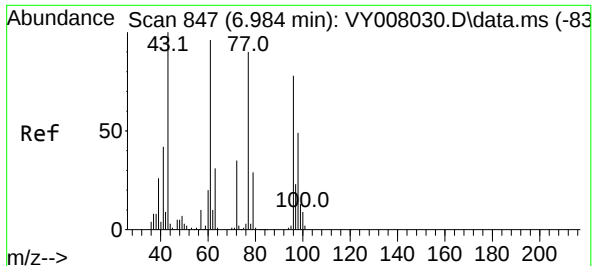
Tgt Ion: 43 Resp: 63159
Ion Ratio Lower Upper
43 100
72 36.6 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 16.083 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

Tgt Ion: 77 Resp: 67573
Ion Ratio Lower Upper
77 100
97 24.0 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 16.106 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY008029.D

Acq: 25 Mar 2022 16:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

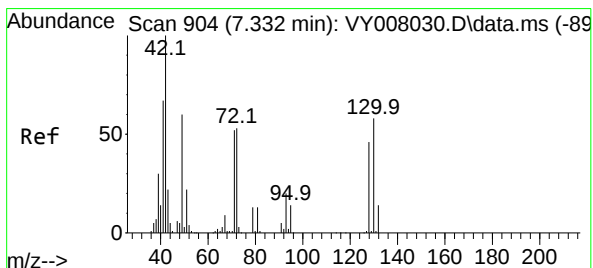
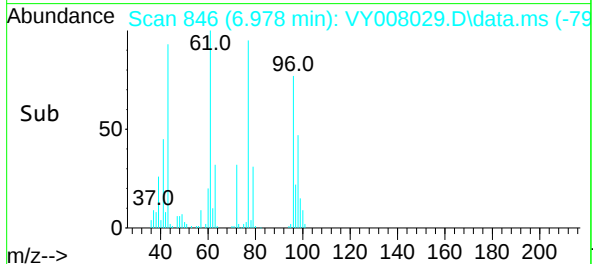
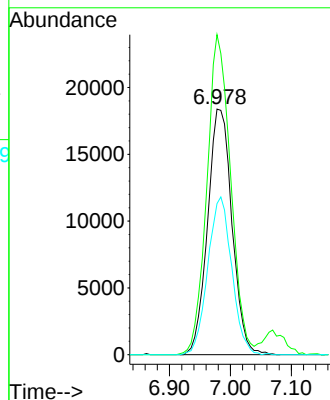
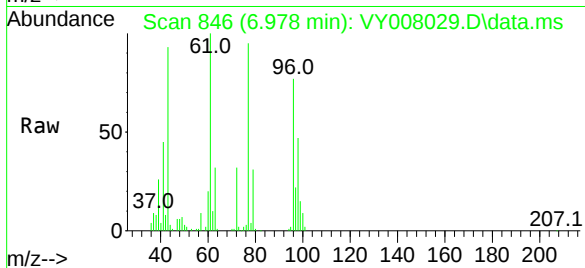
Tgt Ion: 96 Resp: 51276

Ion Ratio Lower Upper

96 100

61 126.7 0.0 319.8

98 62.9 0.0 127.0



#28

Bromochloromethane

Concen: 15.139 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY008029.D

Acq: 25 Mar 2022 16:33

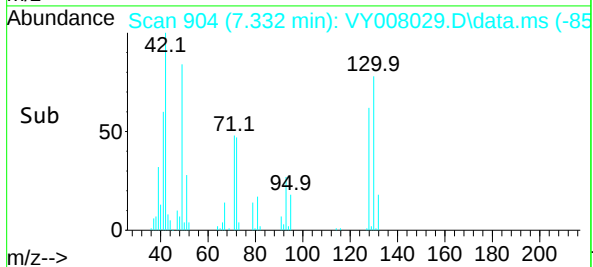
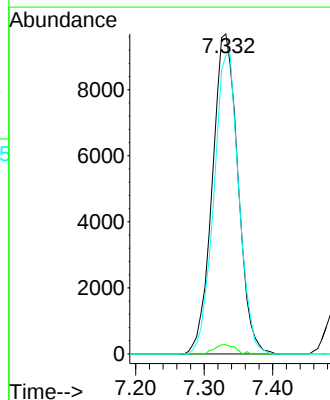
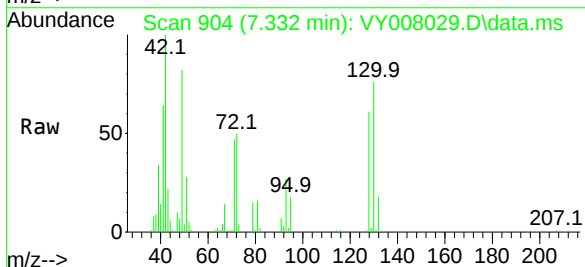
Tgt Ion: 49 Resp: 25160

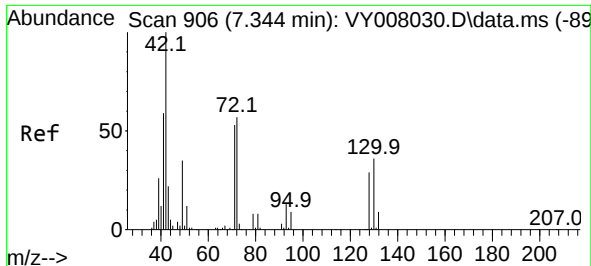
Ion Ratio Lower Upper

49 100

129 2.4 0.0 2.2#

130 91.6 55.4 83.0#





#29

Tetrahydrofuran

Concen: 59.446 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY008029.D

Acq: 25 Mar 2022 16:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

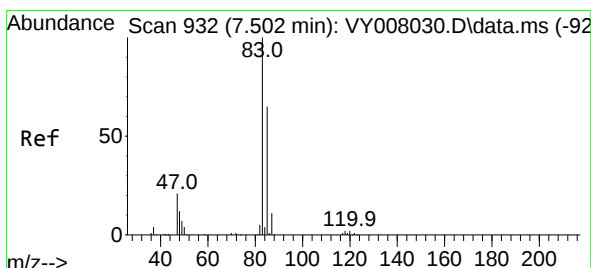
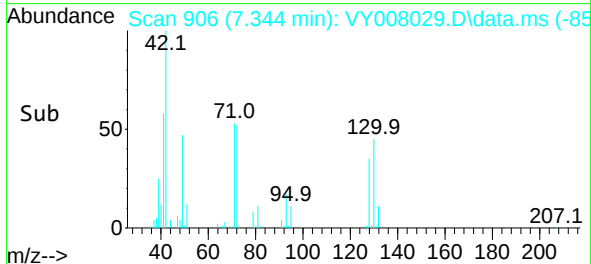
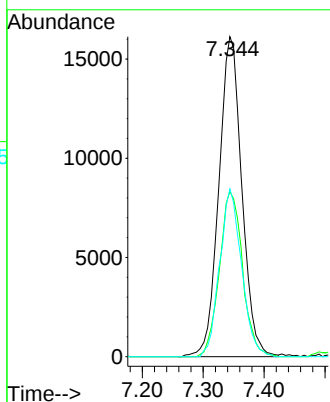
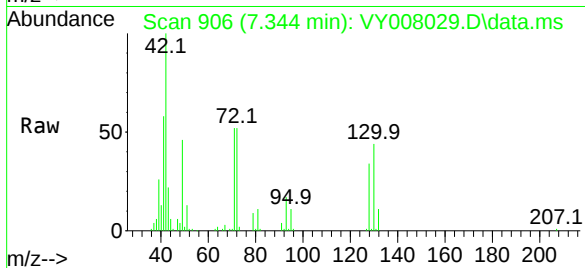
Tgt Ion: 42 Resp: 42223

Ion Ratio Lower Upper

42 100

72 51.9 30.3 45.5#

71 50.0 29.0 43.4#



#30

Chloroform

Concen: 15.527 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY008029.D

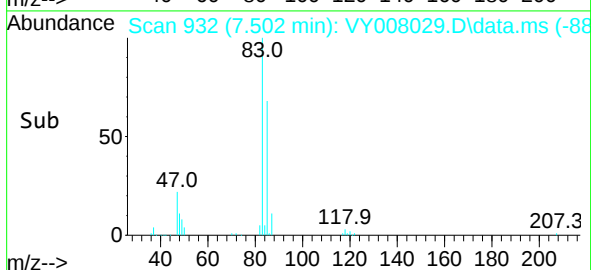
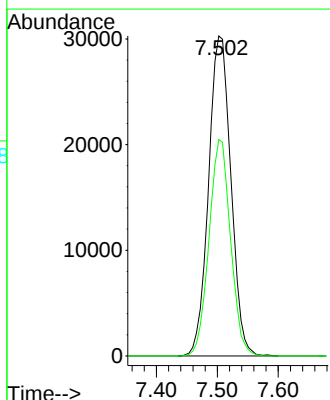
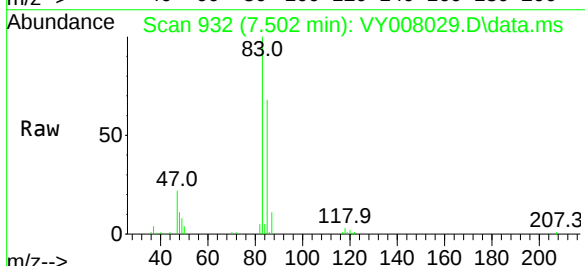
Acq: 25 Mar 2022 16:33

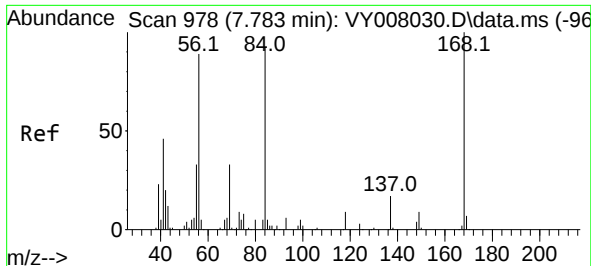
Tgt Ion: 83 Resp: 77111

Ion Ratio Lower Upper

83 100

85 67.6 51.8 77.6

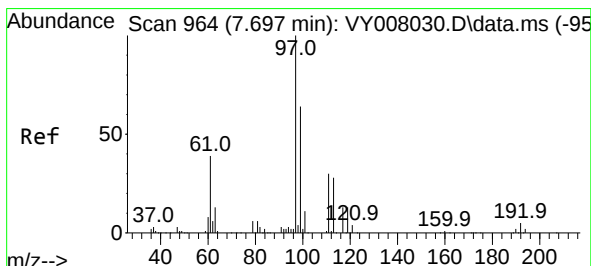
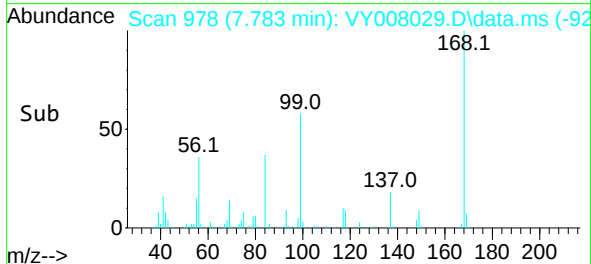
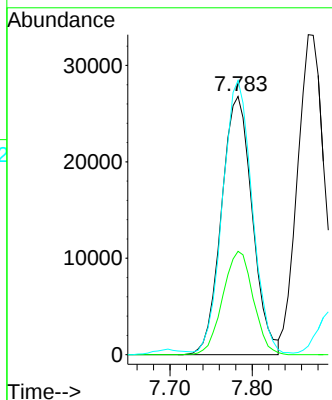
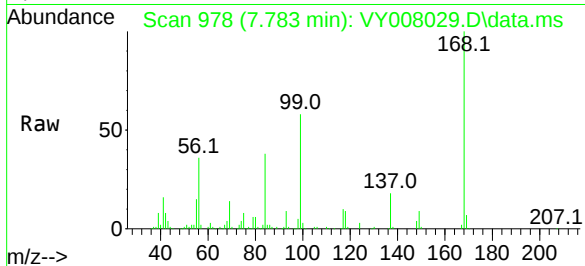




#31
Cyclohexane
Concen: 15.897 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

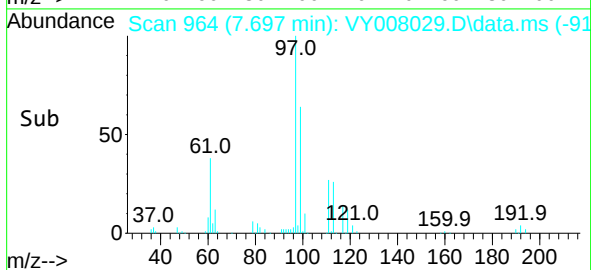
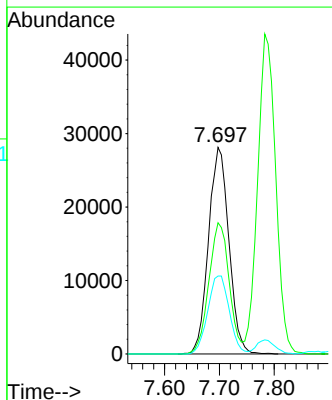
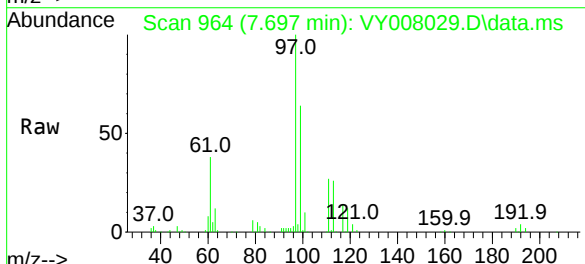
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

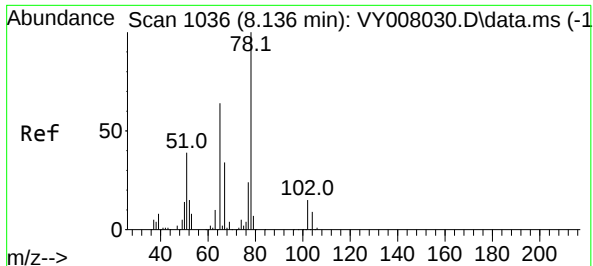
Tgt Ion: 56 Resp: 69897
Ion Ratio Lower Upper
56 100
69 40.0 26.7 40.1
84 104.8 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 16.998 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

Tgt Ion: 97 Resp: 72469
Ion Ratio Lower Upper
97 100
99 63.3 50.7 76.1
61 39.8 37.6 56.4

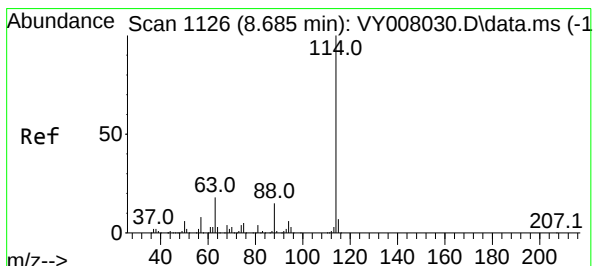
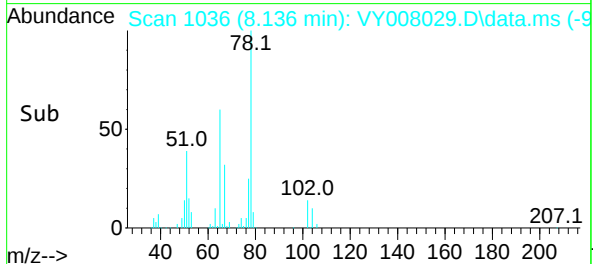
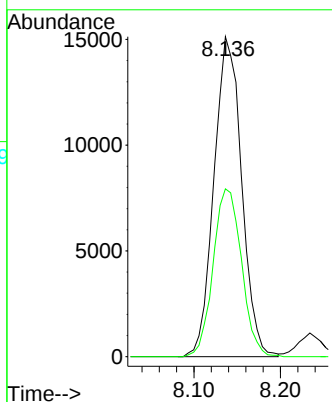
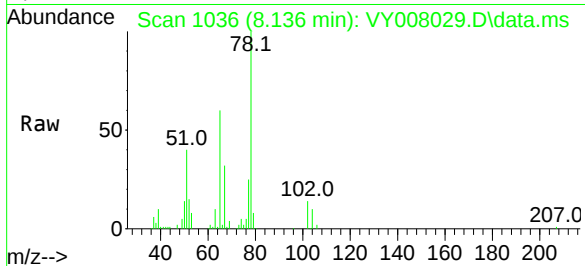




#33
 1,2-Dichloroethane-d4
 Concen: 13.966 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VY008029.D
 Acq: 25 Mar 2022 16:33

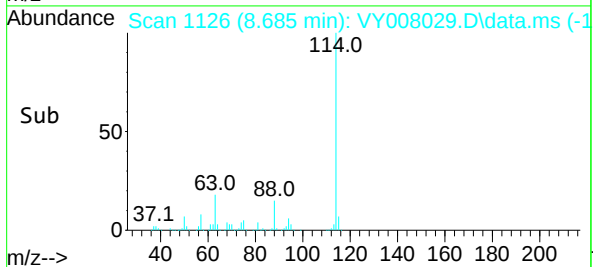
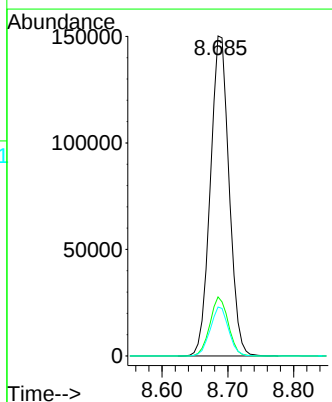
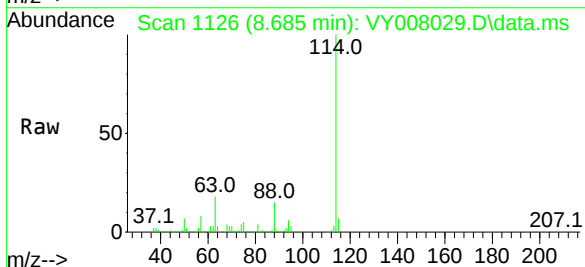
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

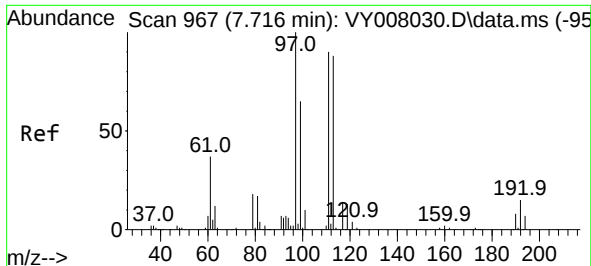
Tgt Ion: 65 Resp: 33564
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY008029.D
 Acq: 25 Mar 2022 16:33

Tgt Ion: 114 Resp: 297194
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 43.2
 88 15.3 0.0 31.8

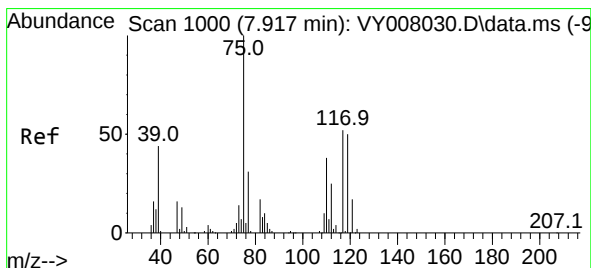
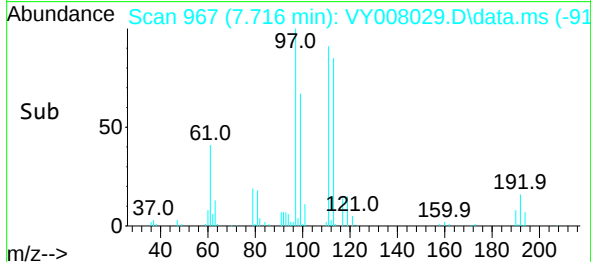
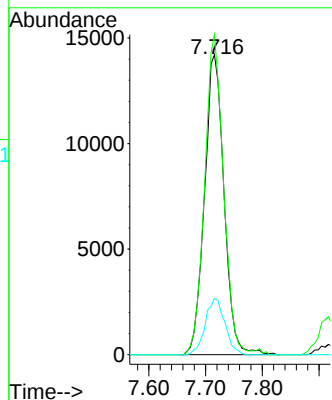
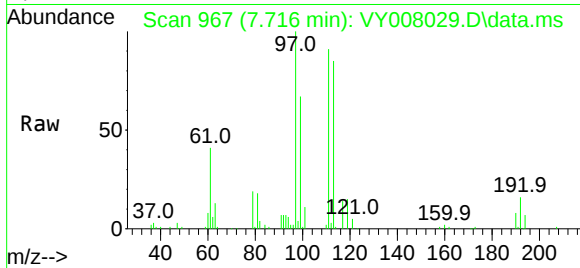




#35
Dibromofluoromethane
Concen: 17.133 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

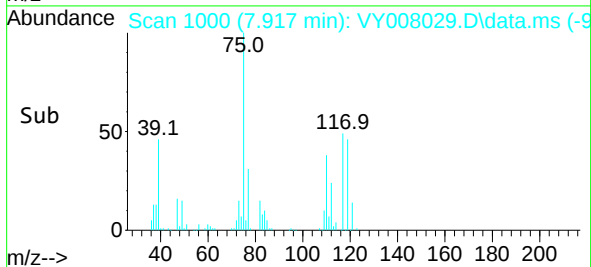
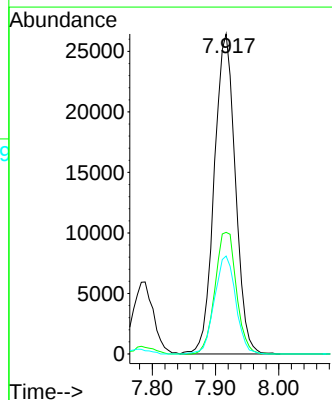
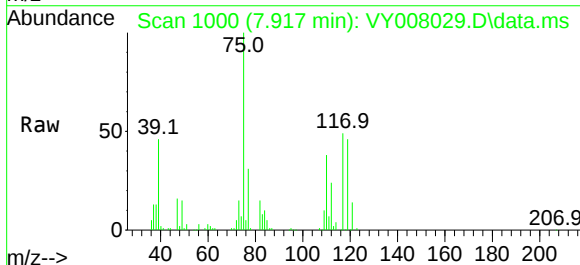
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

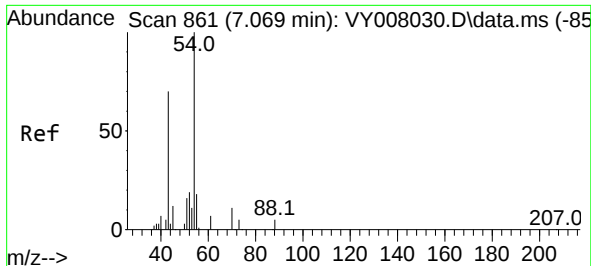
Tgt Ion:113 Resp: 34054
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 18.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 18.153 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

Tgt Ion: 75 Resp: 61092
Ion Ratio Lower Upper
75 100
110 38.6 17.1 51.2
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 13.128 ug/l

RT: 7.069 min Scan# 8

Delta R.T. -0.000 min

Lab File: VY008029.D

Acq: 25 Mar 2022 16:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

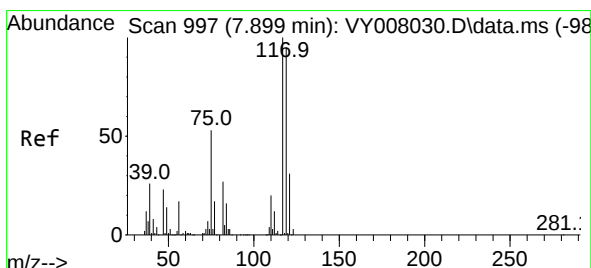
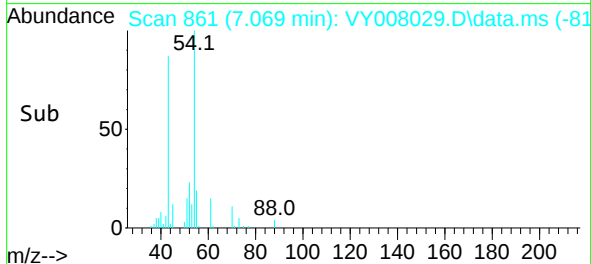
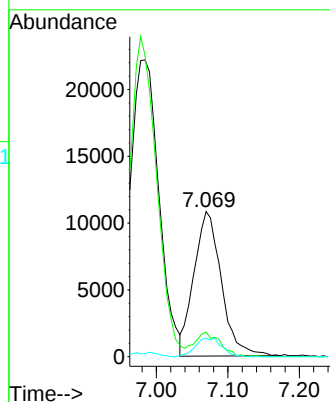
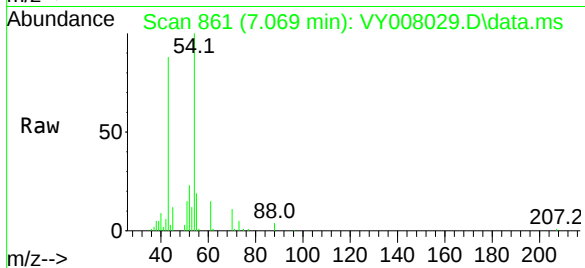
Tgt Ion: 43 Resp: 28779

Ion Ratio Lower Upper

43 100

61 15.8 9.7 14.5#

70 12.3 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 18.825 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY008029.D

Acq: 25 Mar 2022 16:33

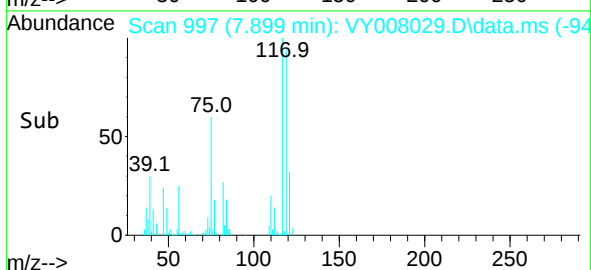
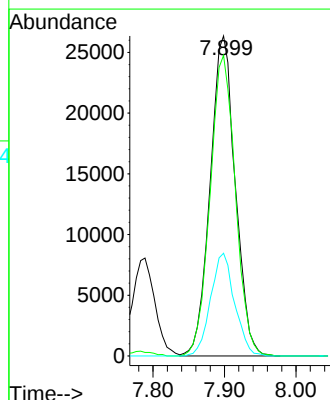
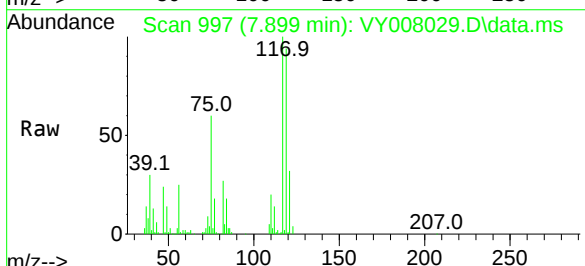
Tgt Ion: 117 Resp: 64252

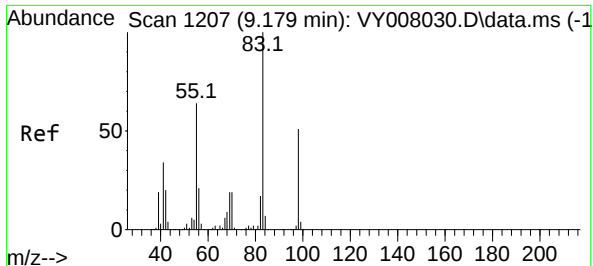
Ion Ratio Lower Upper

117 100

119 93.9 77.9 116.9

121 32.1 24.8 37.2





#39

Methylcyclohexane

Concen: 18.854 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008029.D

Acq: 25 Mar 2022 16:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

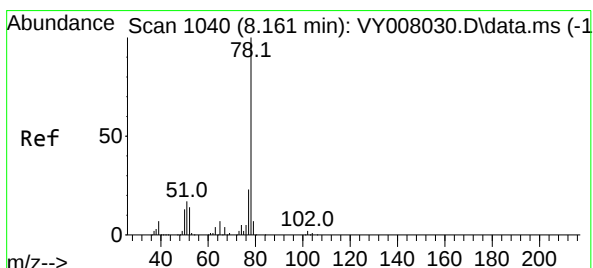
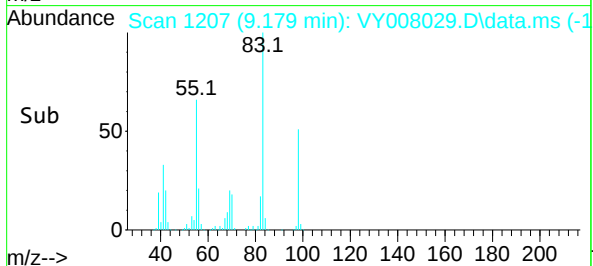
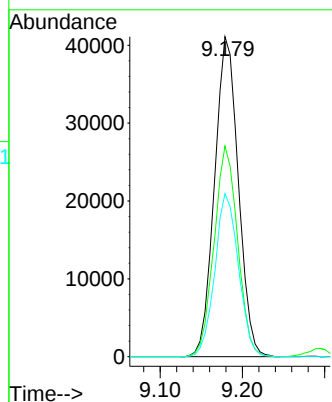
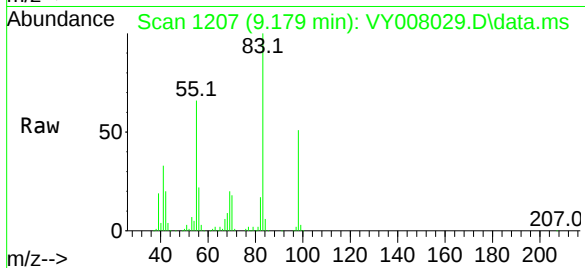
Tgt Ion: 83 Resp: 82478

Ion Ratio Lower Upper

83 100

55 65.9 66.5 99.7#

98 51.0 37.9 56.9



#40

Benzene

Concen: 17.433 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY008029.D

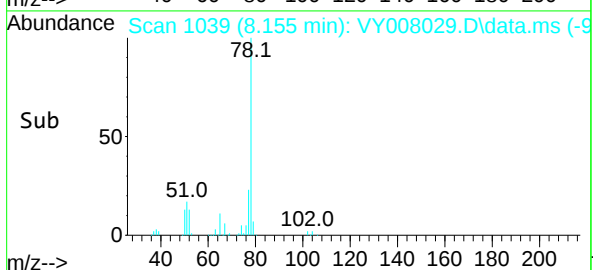
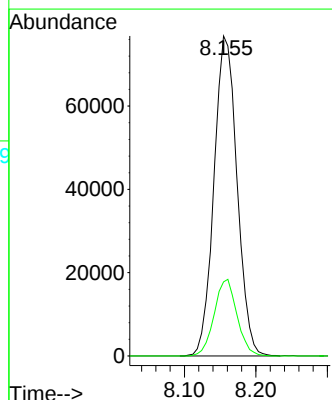
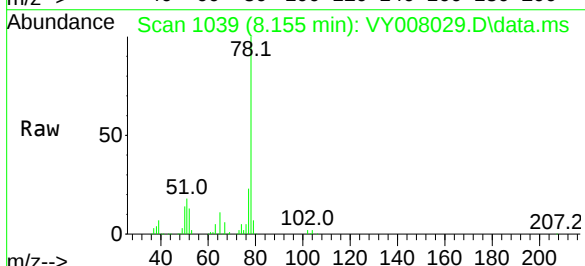
Acq: 25 Mar 2022 16:33

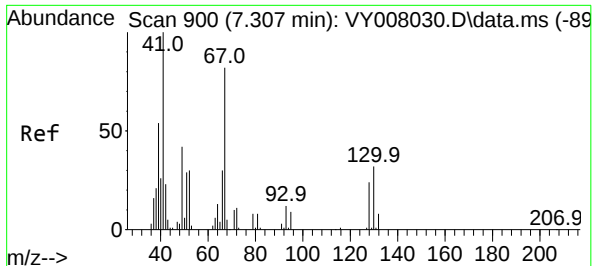
Tgt Ion: 78 Resp: 172103

Ion Ratio Lower Upper

78 100

77 23.1 20.4 30.6

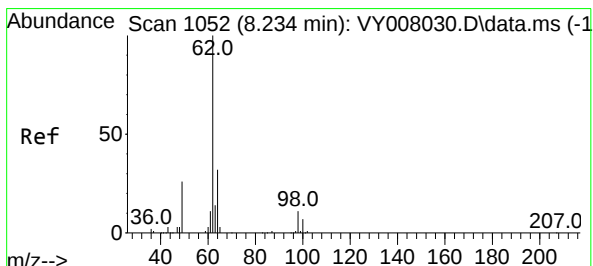
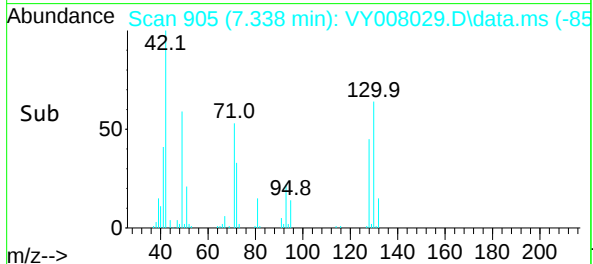
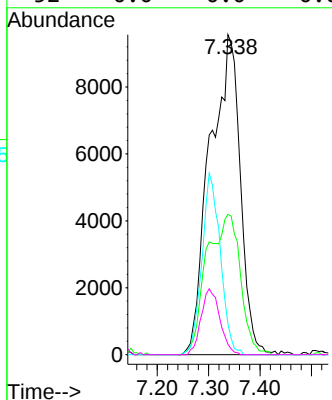
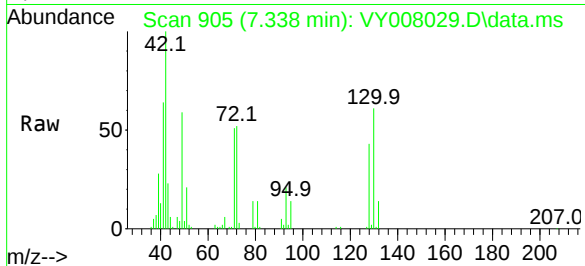




#41
Methacrylonitrile
Concen: 15.971 ug/l
RT: 7.338 min Scan# 900
Delta R.T. 0.030 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

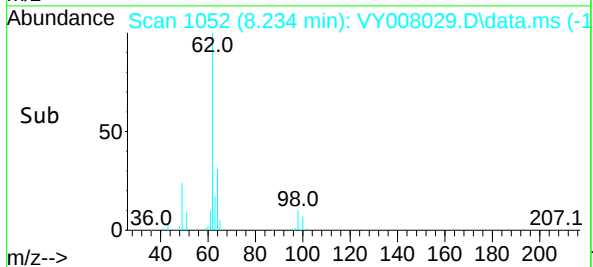
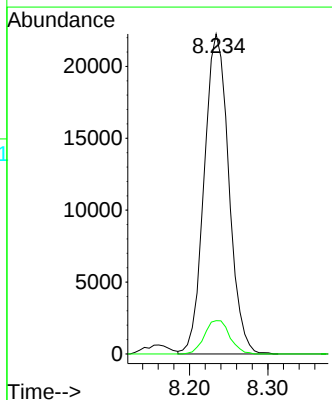
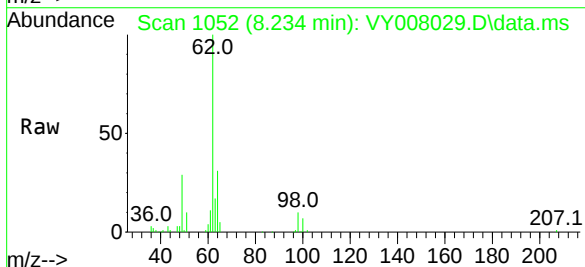
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

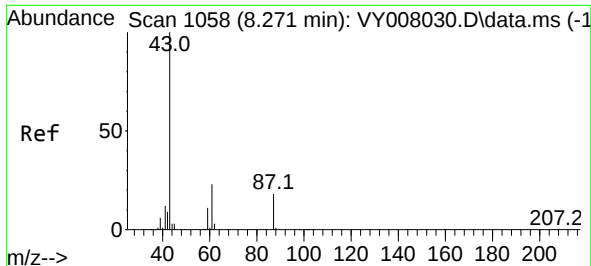
Tgt Ion: 41 Resp: 39078
Ion Ratio Lower Upper
41 100
39 48.6 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 15.939 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

Tgt Ion: 62 Resp: 48532
Ion Ratio Lower Upper
62 100
98 10.7 0.0 14.8

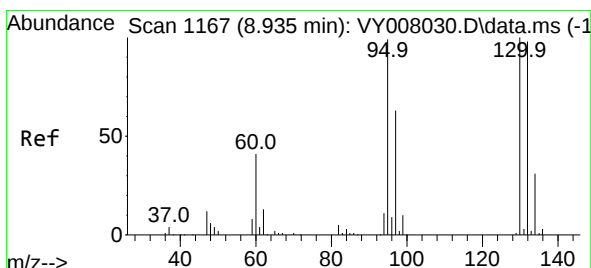
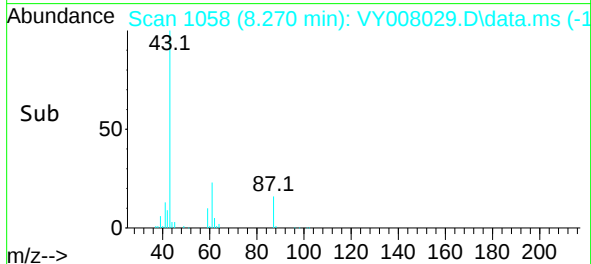
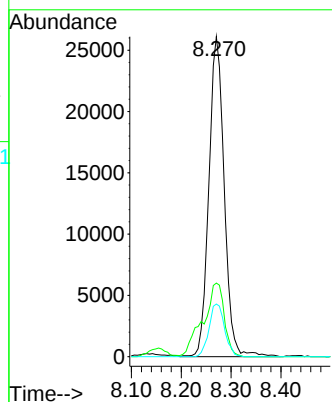
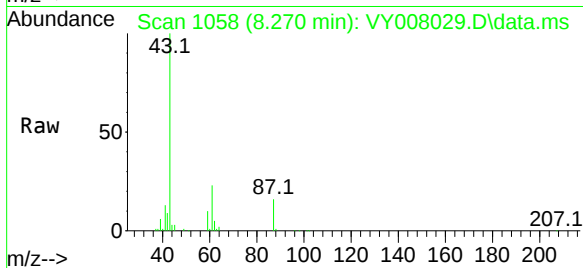




#43
Isopropyl Acetate
Concen: 13.634 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

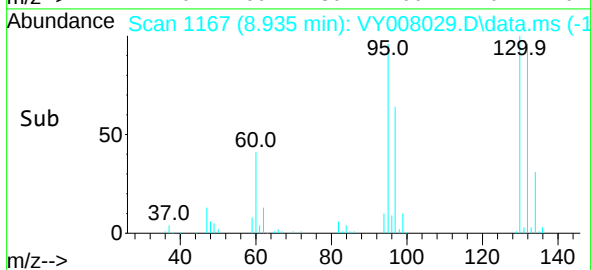
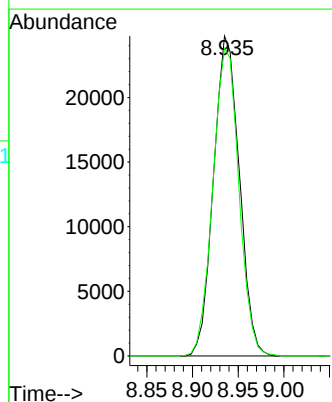
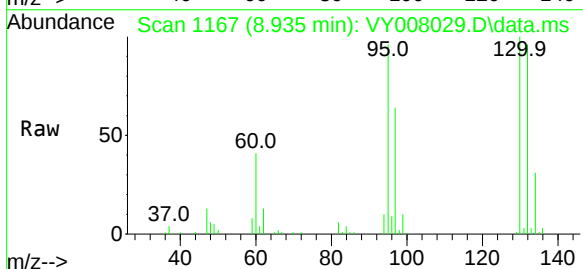
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

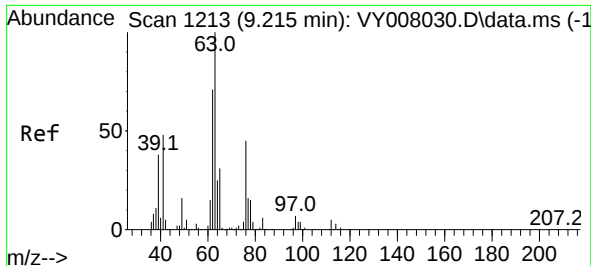
Tgt Ion: 43 Resp: 55913
Ion Ratio Lower Upper
43 100
61 31.8 20.2 30.2#
87 16.7 8.9 13.3#



#44
Trichloroethene
Concen: 18.380 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

Tgt Ion:130 Resp: 48591
Ion Ratio Lower Upper
130 100
95 96.2 0.0 188.2





#45

1,2-Dichloropropane

Concen: 16.066 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY008029.D

Acq: 25 Mar 2022 16:33

Instrument :

MSVOA_Y

ClientSampleId :

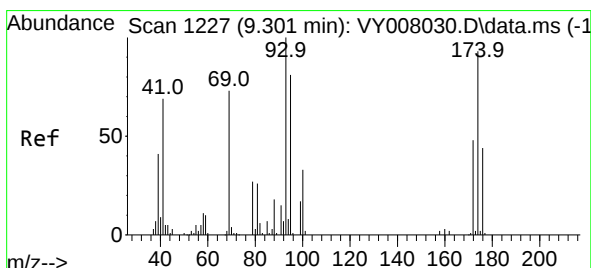
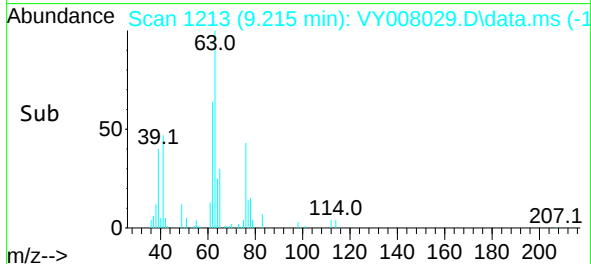
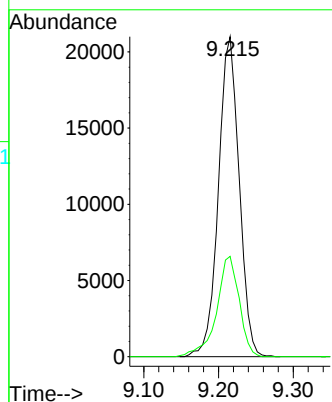
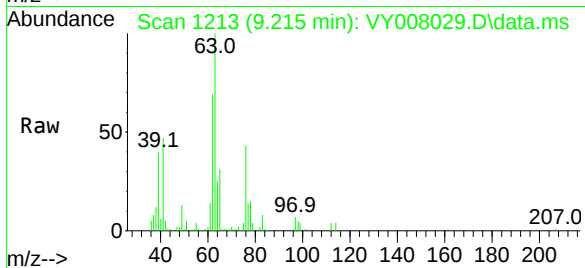
VSTDIC020

Tgt Ion: 63 Resp: 40500

Ion Ratio Lower Upper

63 100

65 31.4 23.0 34.6



#46

Dibromomethane

Concen: 16.102 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY008029.D

Acq: 25 Mar 2022 16:33

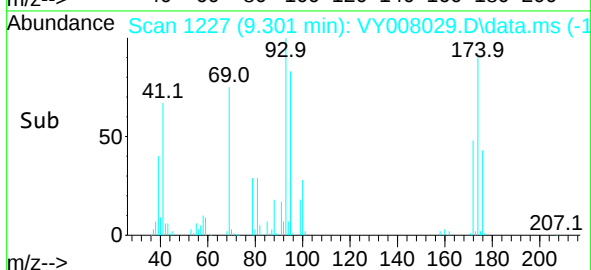
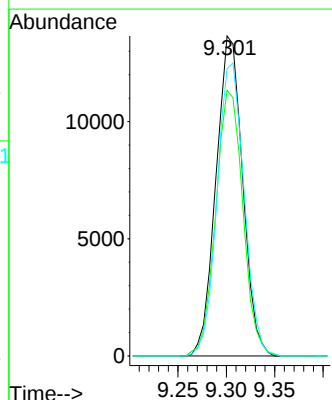
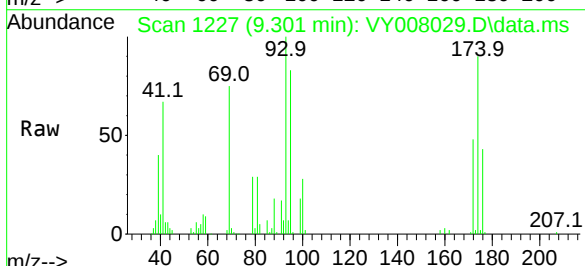
Tgt Ion: 93 Resp: 26129

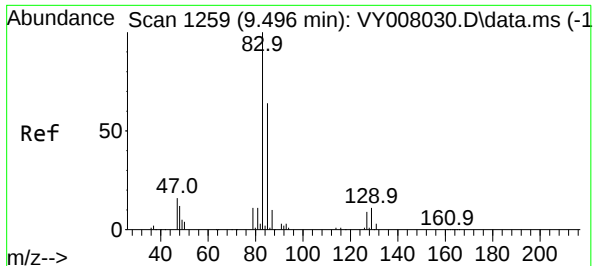
Ion Ratio Lower Upper

93 100

95 84.4 64.3 96.5

174 92.8 83.4 125.0





#47

Bromodichloromethane

Concen: 16.560 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY008029.D

Acq: 25 Mar 2022 16:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

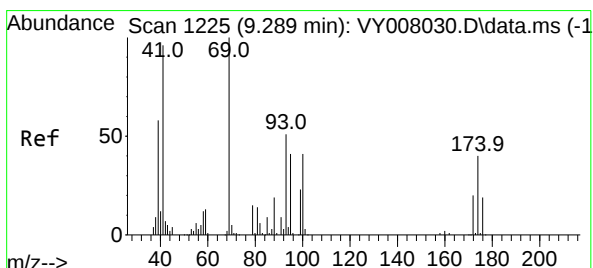
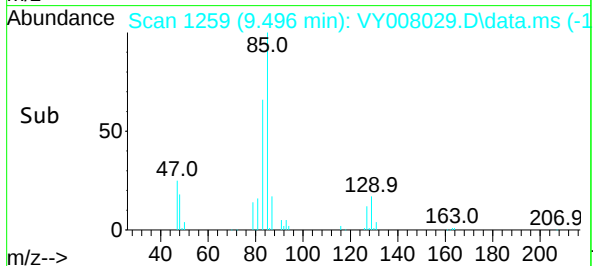
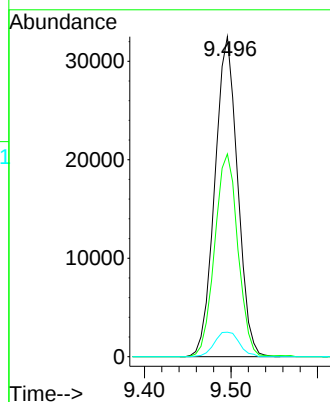
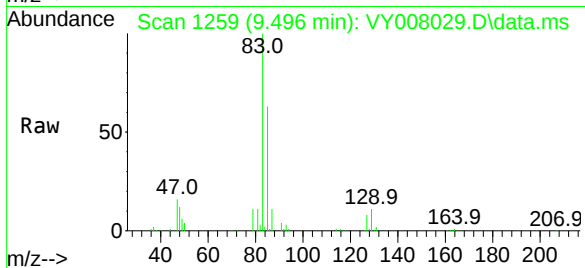
Tgt Ion: 83 Resp: 59339

Ion Ratio Lower Upper

83 100

85 63.4 51.9 77.9

127 7.7 6.6 10.0



#48

Methyl methacrylate

Concen: 13.671 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY008029.D

Acq: 25 Mar 2022 16:33

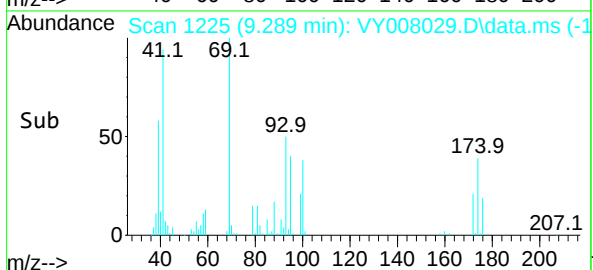
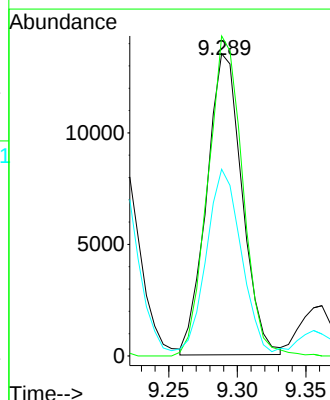
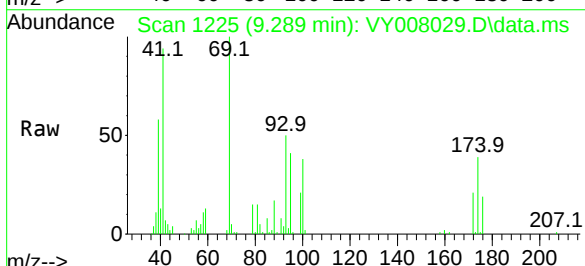
Tgt Ion: 41 Resp: 24332

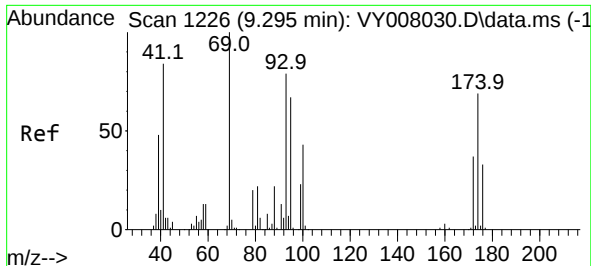
Ion Ratio Lower Upper

41 100

69 104.1 58.2 87.2#

39 58.7 47.4 71.0





#49

1,4-Dioxane

Concen: 295.516 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY008029.D

Acq: 25 Mar 2022 16:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

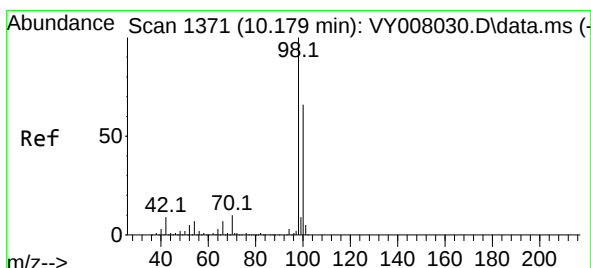
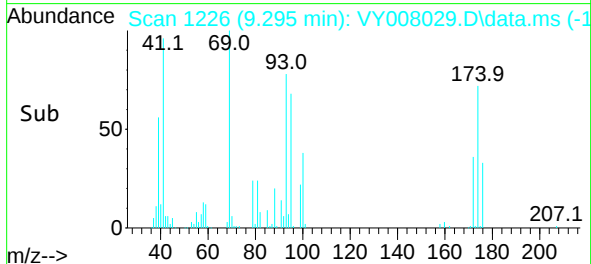
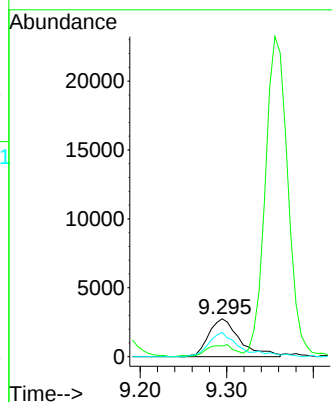
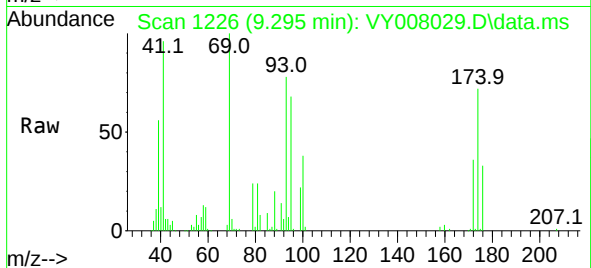
Tgt Ion: 88 Resp: 6886

Ion Ratio Lower Upper

88 100

43 28.7 32.8 49.2#

58 64.0 59.8 89.6



#50

Toluene-d8

Concen: 17.595 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008029.D

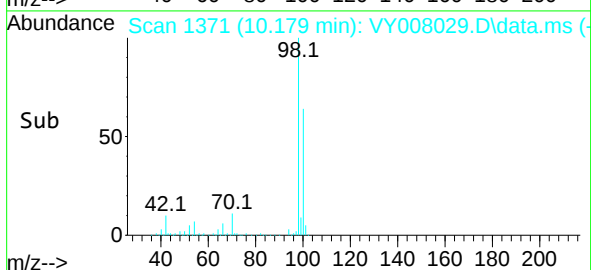
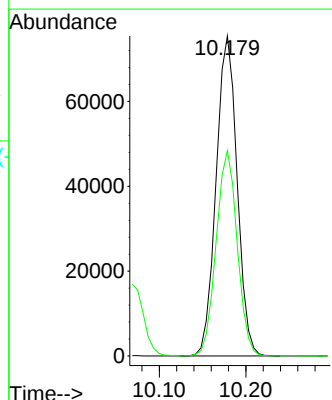
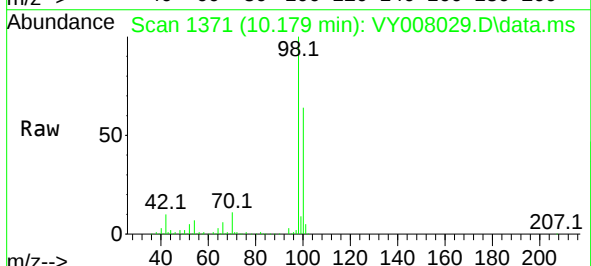
Acq: 25 Mar 2022 16:33

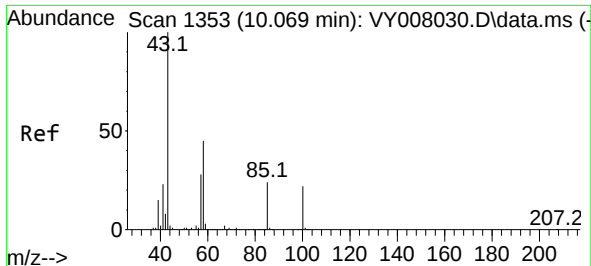
Tgt Ion: 98 Resp: 126949

Ion Ratio Lower Upper

98 100

100 64.4 50.2 75.2

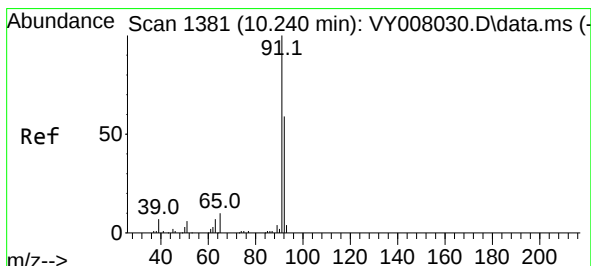
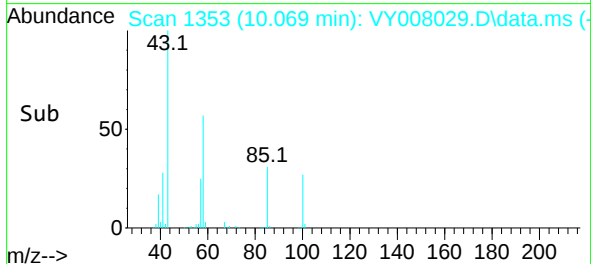
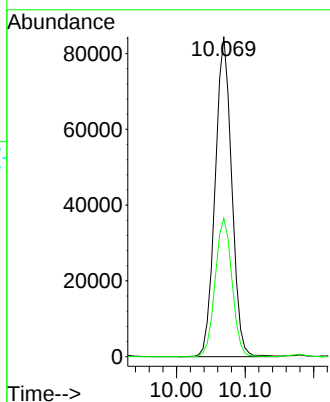
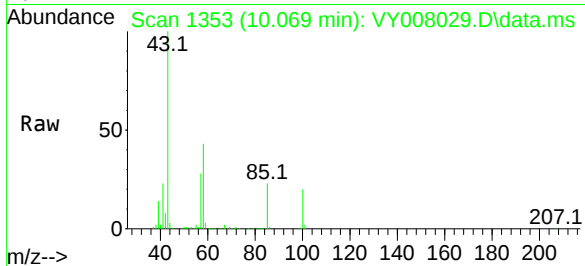




#51
4-Methyl-2-Pentanone
Concen: 67.483 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

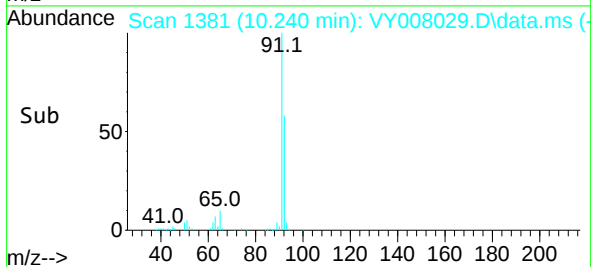
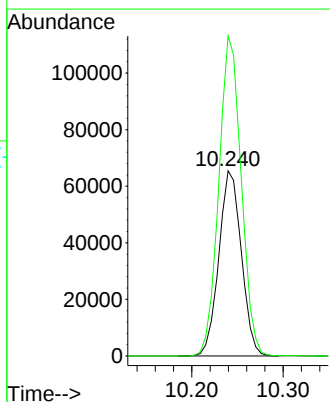
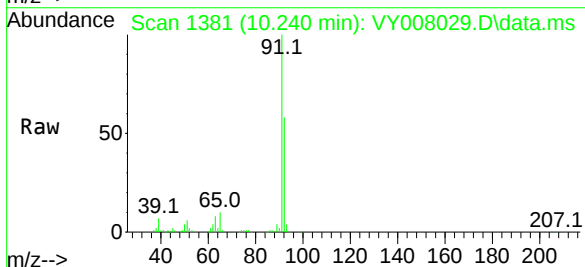
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

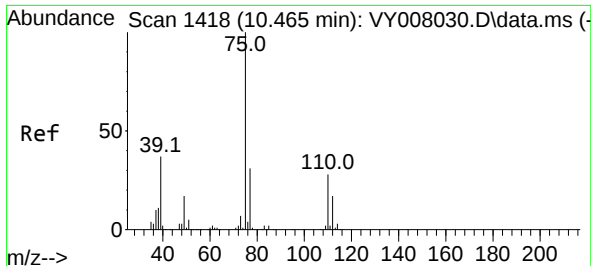
Tgt Ion: 43 Resp: 141395
Ion Ratio Lower Upper
43 100
58 43.9 28.1 42.1#



#52
Toluene
Concen: 17.828 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

Tgt Ion: 92 Resp: 112019
Ion Ratio Lower Upper
92 100
91 172.3 142.6 213.8

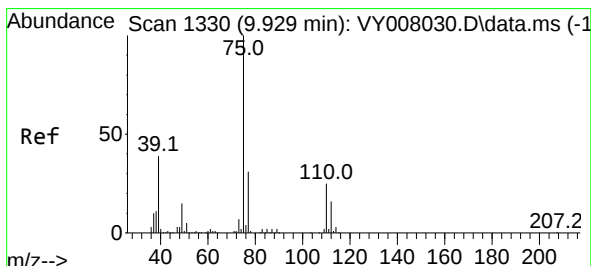
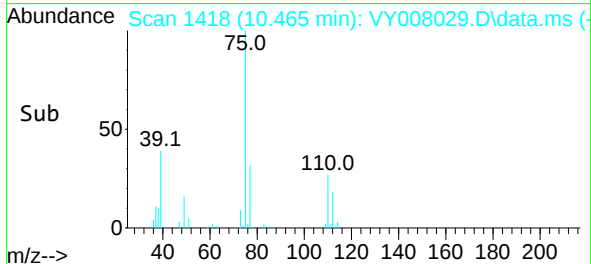
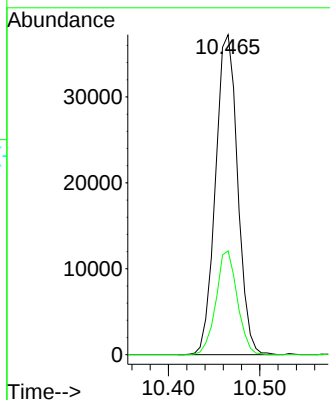
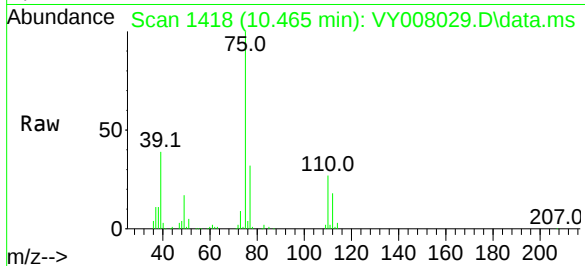




#53
t-1,3-Dichloropropene
Concen: 16.289 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

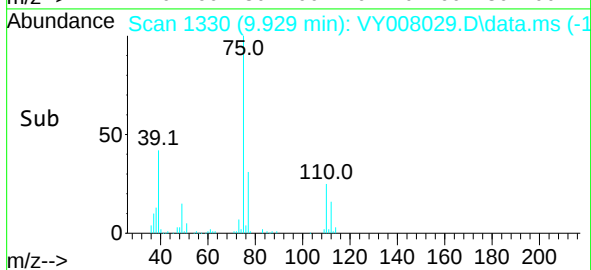
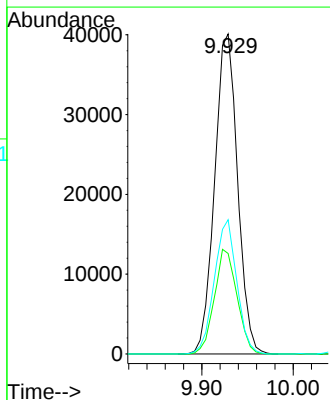
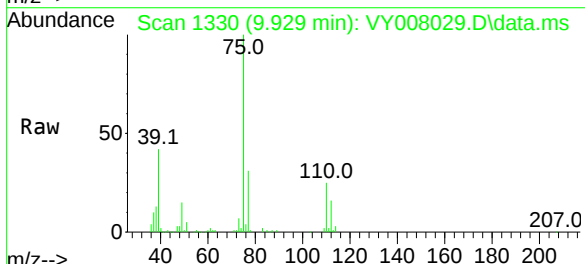
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

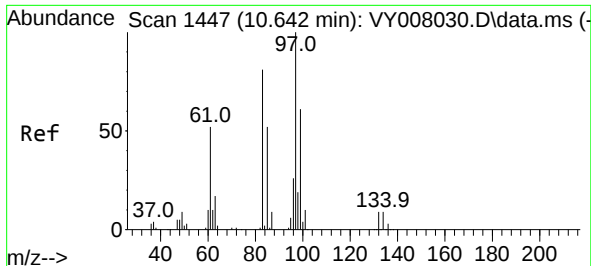
Tgt Ion: 75 Resp: 62727
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 16.283 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

Tgt Ion: 75 Resp: 69956
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4
39 42.0 47.6 71.4#

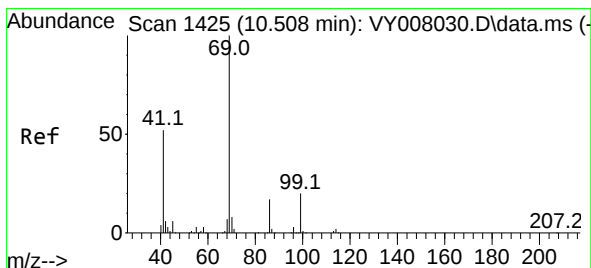
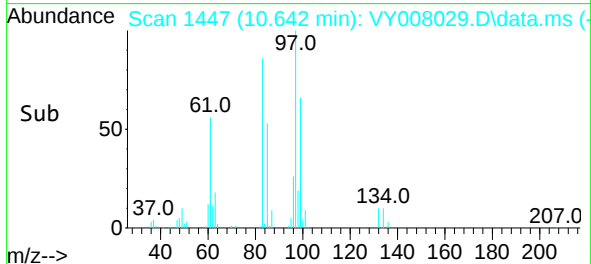
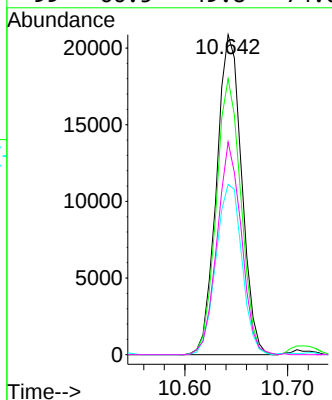
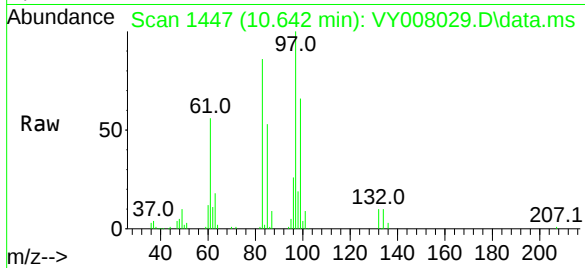




#55
1,1,2-Trichloroethane
Concen: 15.948 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

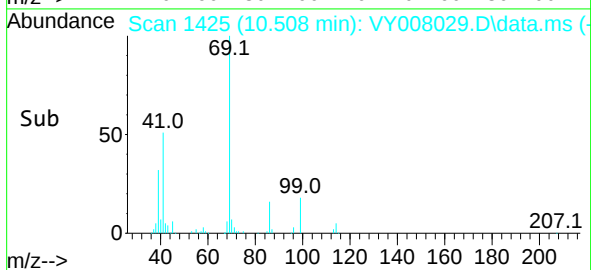
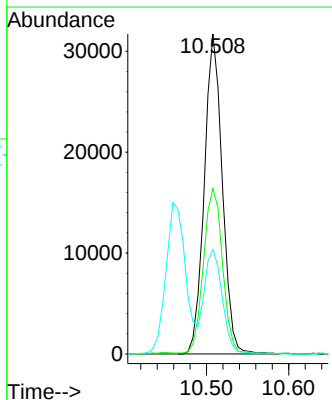
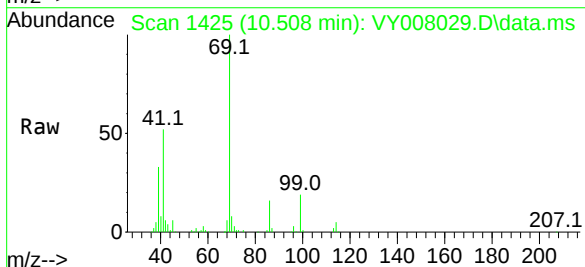
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

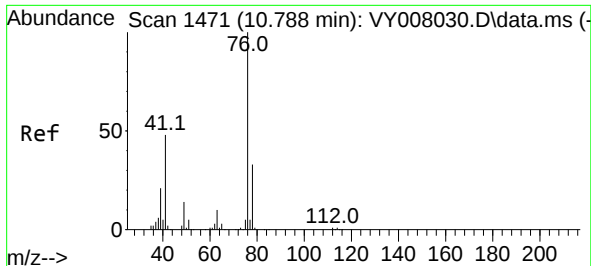
Tgt Ion:	97	Resp:	35301
Ion	Ratio	Lower	Upper
97	100		
83	86.2	69.8	104.8
85	53.2	44.3	66.5
99	66.5	49.8	74.6



#56
Ethyl methacrylate
Concen: 15.242 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

Tgt Ion:	69	Resp:	48245
Ion	Ratio	Lower	Upper
69	100		
41	54.9	63.4	95.0#
39	32.3	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 15.784 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY008029.D

Acq: 25 Mar 2022 16:33

Instrument :

MSVOA_Y

ClientSampleId :

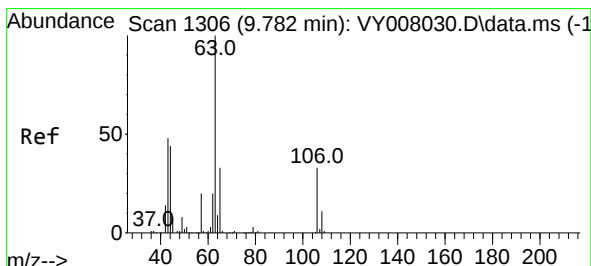
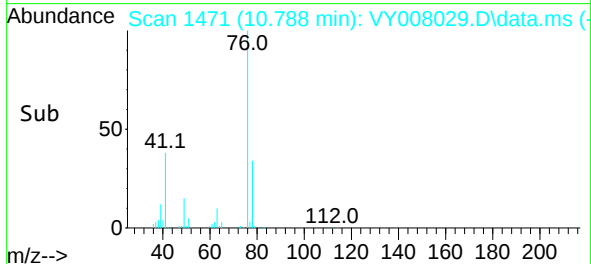
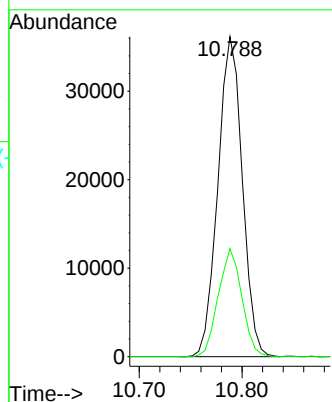
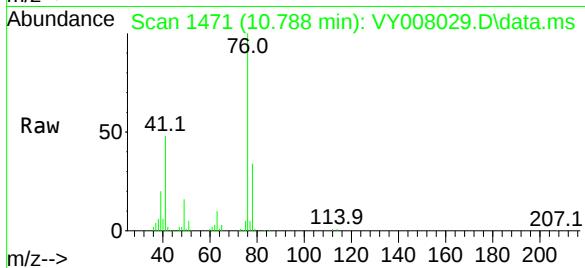
VSTDICC020

Tgt Ion: 76 Resp: 59556

Ion Ratio Lower Upper

76 100

78 32.5 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 69.351 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY008029.D

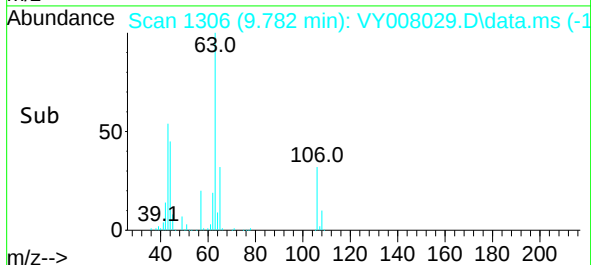
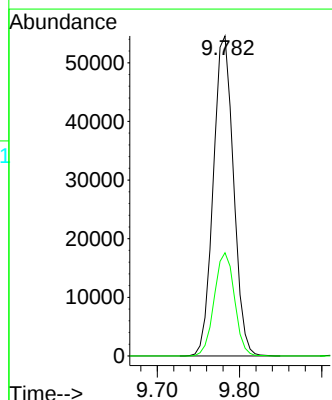
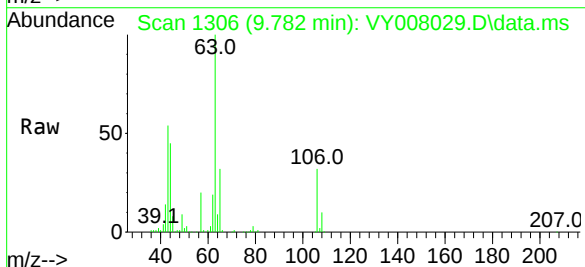
Acq: 25 Mar 2022 16:33

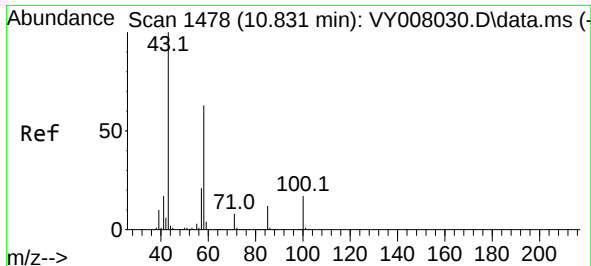
Tgt Ion: 63 Resp: 93072

Ion Ratio Lower Upper

63 100

106 32.3 21.5 32.3#

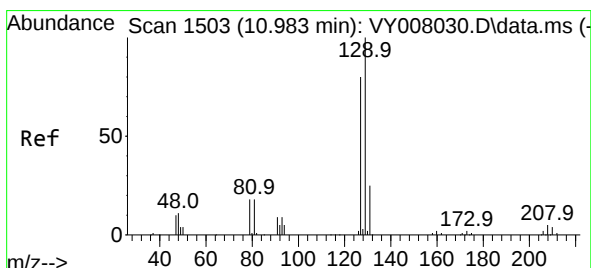
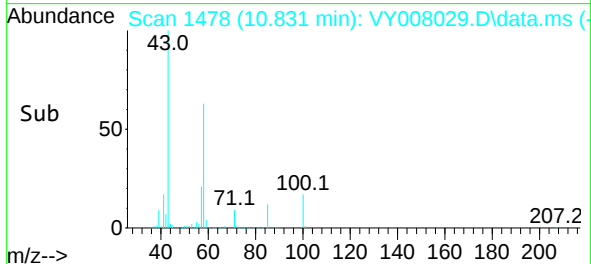
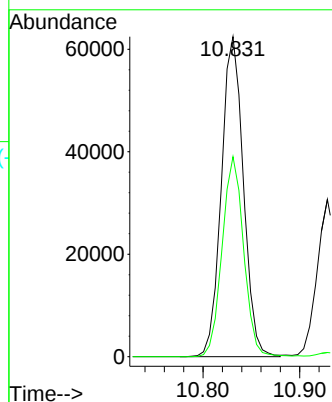
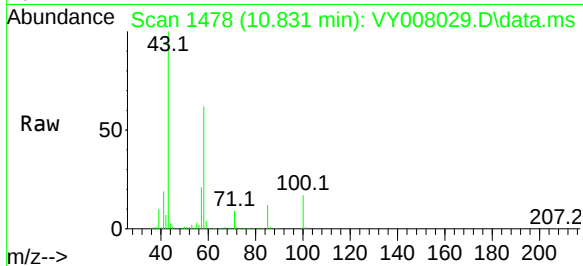




#59
2-Hexanone
Concen: 66.610 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

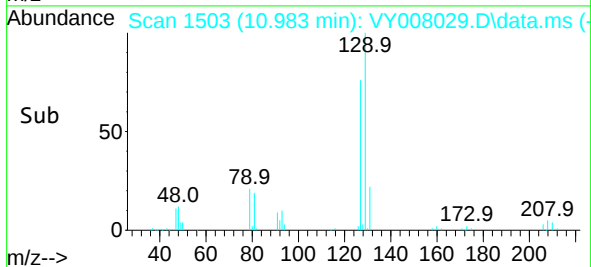
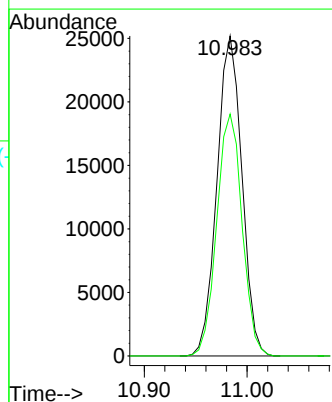
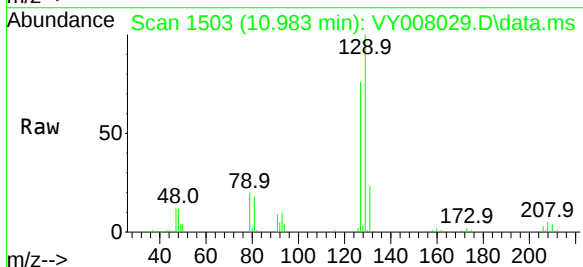
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

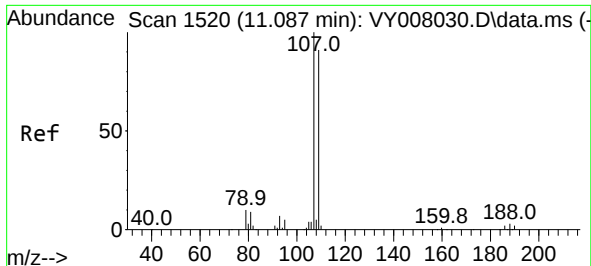
Tgt Ion: 43 Resp: 98601
Ion Ratio Lower Upper
43 100
58 61.0 24.4 73.4



#60
Dibromochloromethane
Concen: 16.678 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

Tgt Ion: 129 Resp: 42494
Ion Ratio Lower Upper
129 100
127 76.7 38.7 116.1

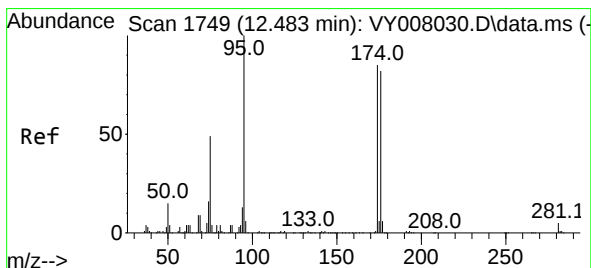
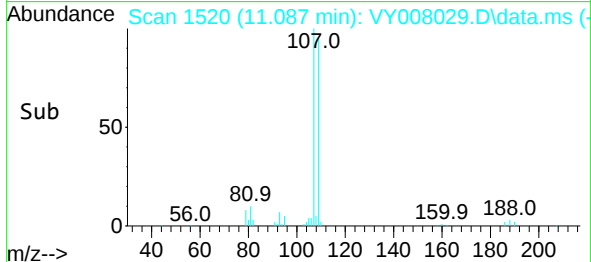
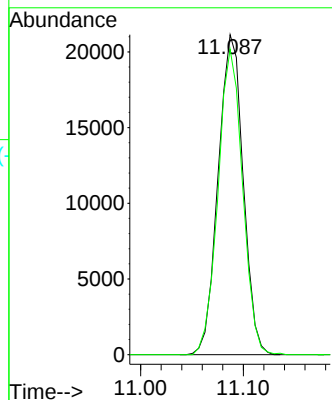
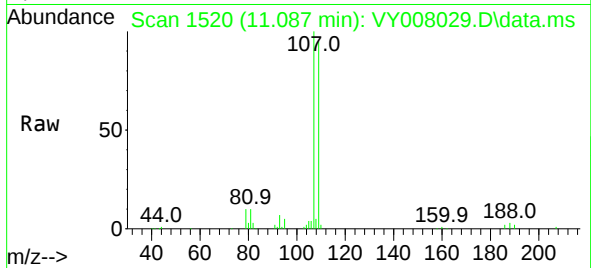




#61
1,2-Dibromoethane
Concen: 16.038 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

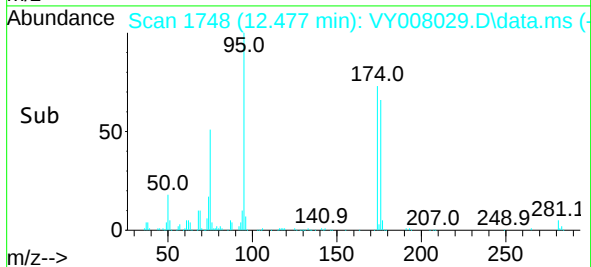
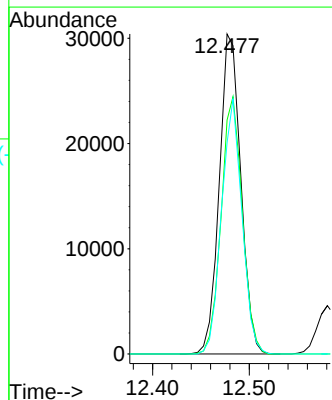
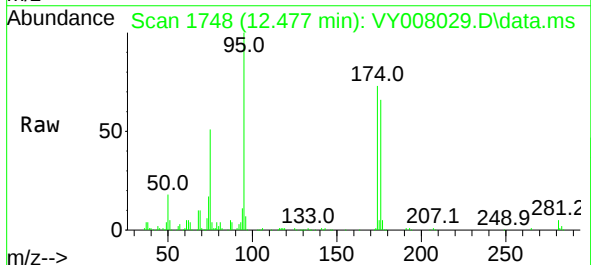
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

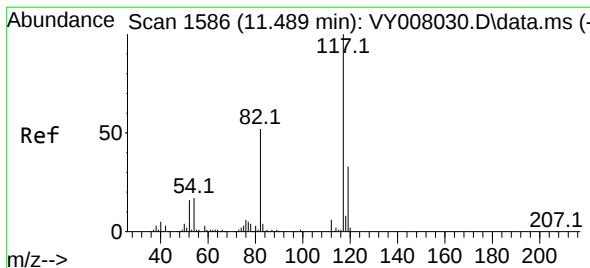
Tgt Ion:107 Resp: 35601
Ion Ratio Lower Upper
107 100
109 93.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 17.106 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

Tgt Ion: 95 Resp: 46761
Ion Ratio Lower Upper
95 100
174 79.2 0.0 177.0
176 75.6 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: VY008029.D

Acq: 25 Mar 2022 16:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

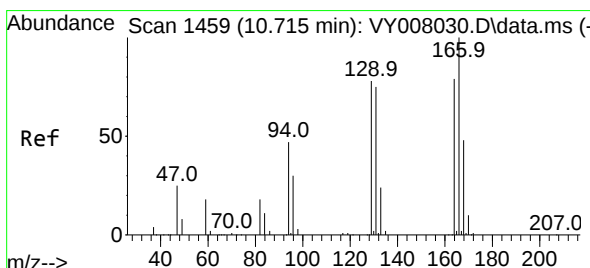
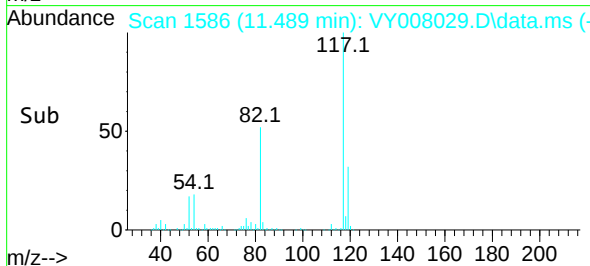
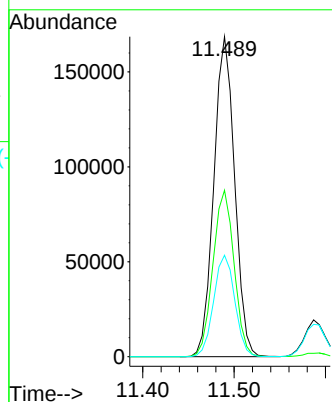
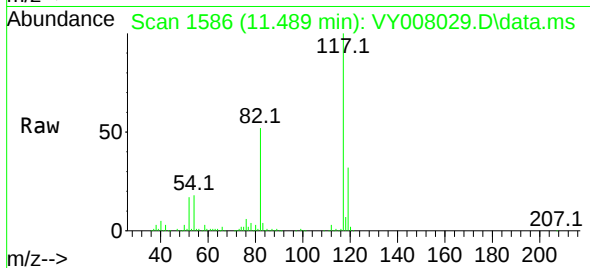
Tgt Ion:117 Resp: 266236

Ion Ratio Lower Upper

117 100

82 52.0 43.0 64.4

119 31.7 25.4 38.0



#64

Tetrachloroethene

Concen: 19.600 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY008029.D

Acq: 25 Mar 2022 16:33

Tgt Ion:164 Resp: 40006

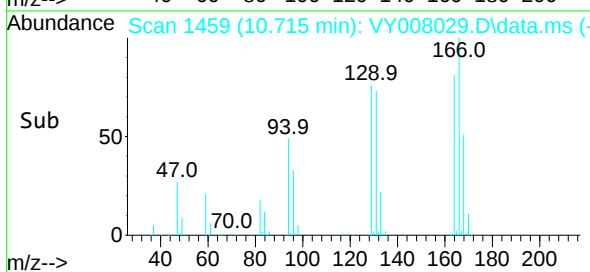
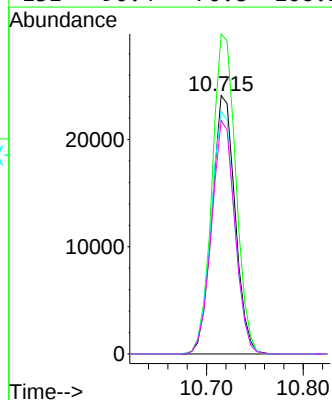
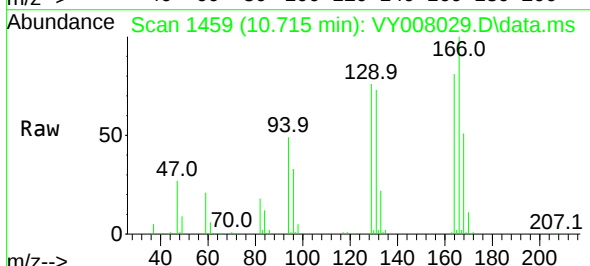
Ion Ratio Lower Upper

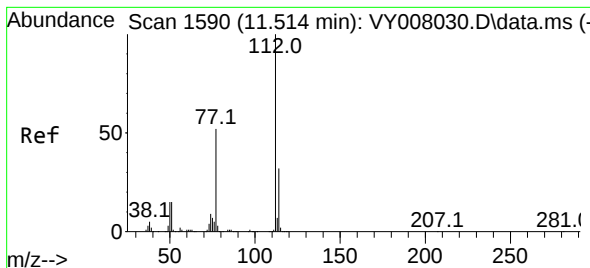
164 100

166 123.9 100.4 150.6

129 93.9 71.4 107.0

131 90.4 70.8 106.2

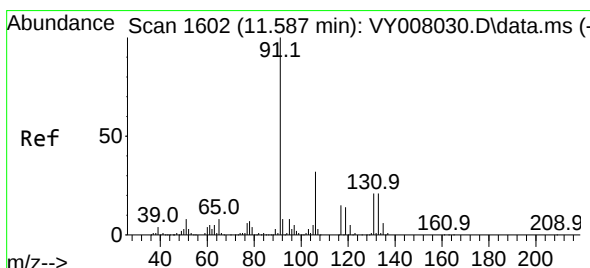
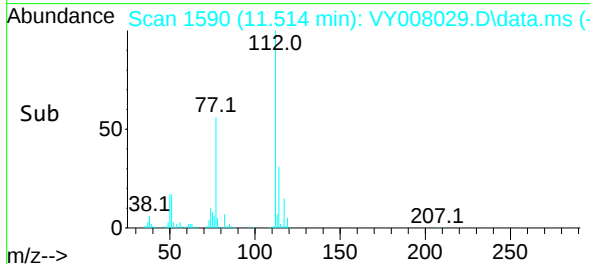
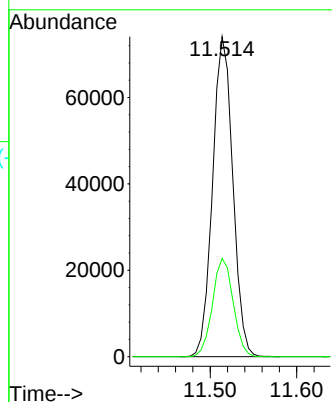
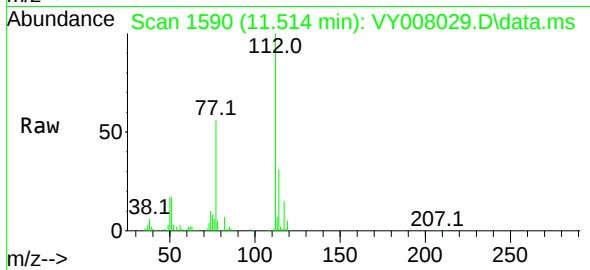




#65
Chlorobenzene
Concen: 18.327 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

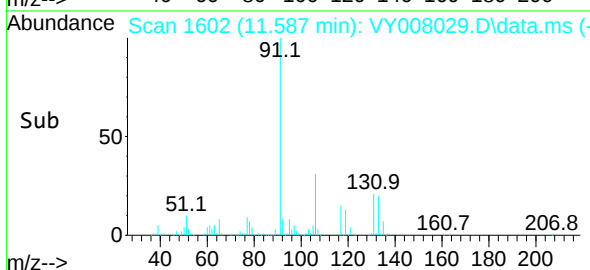
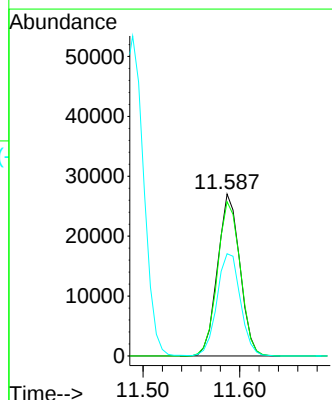
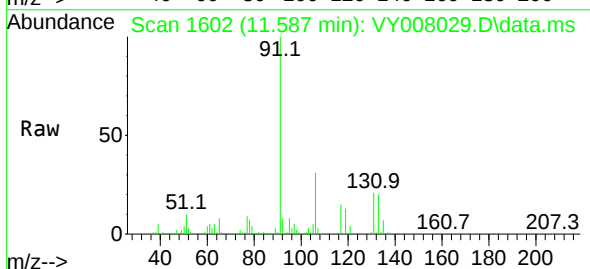
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

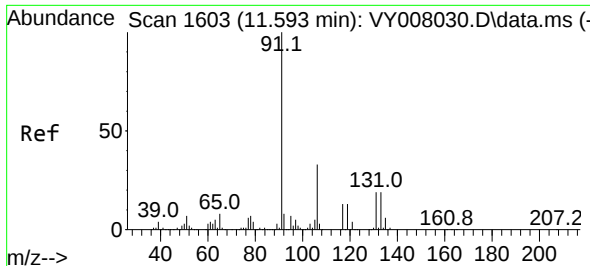
Tgt Ion:112 Resp: 120097
Ion Ratio Lower Upper
112 100
114 30.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.188 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

Tgt Ion:131 Resp: 43291
Ion Ratio Lower Upper
131 100
133 97.9 47.9 143.6
119 66.3 30.8 92.3

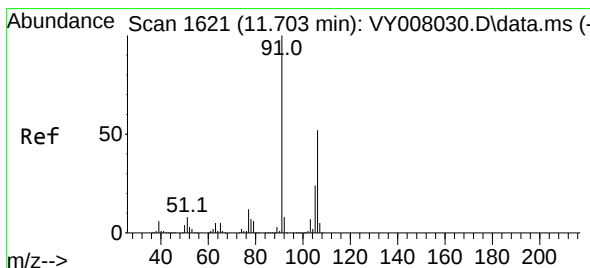
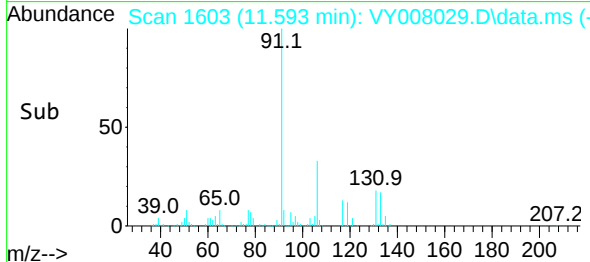
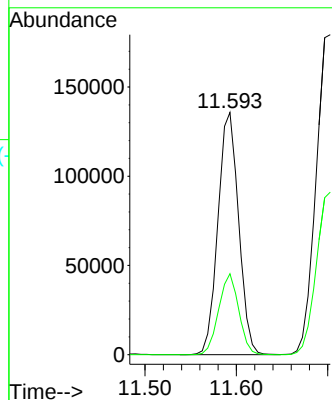
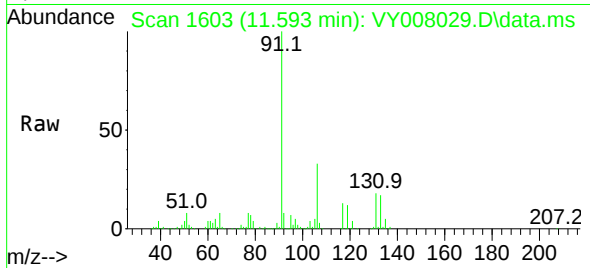




#67
Ethyl Benzene
Concen: 18.643 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

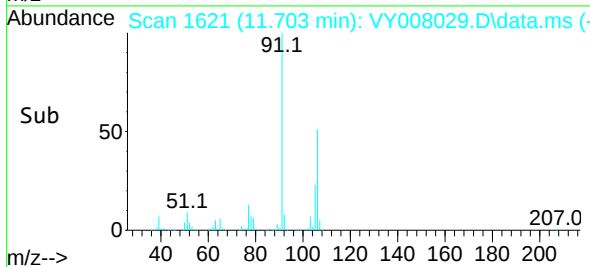
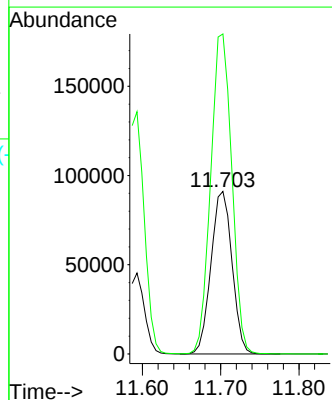
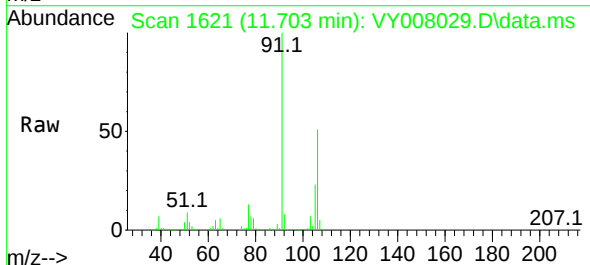
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

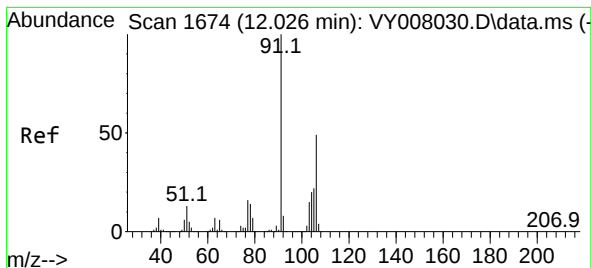
Tgt Ion: 91 Resp: 213771
Ion Ratio Lower Upper
91 100
106 33.4 24.5 36.7



#68
m/p-Xylenes
Concen: 37.996 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

Tgt Ion:106 Resp: 170012
Ion Ratio Lower Upper
106 100
91 197.5 166.6 249.8





#69

o-Xylene

Concen: 18.660 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY008029.D

Acq: 25 Mar 2022 16:33

Instrument :

MSVOA_Y

ClientSampleId :

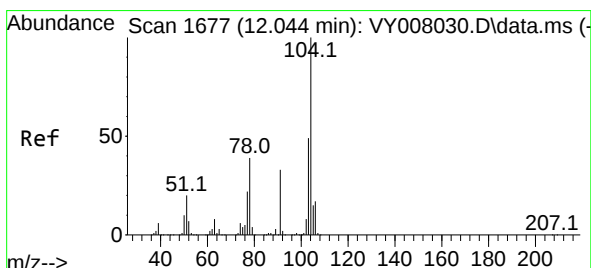
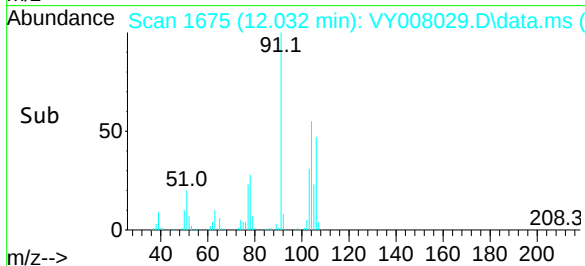
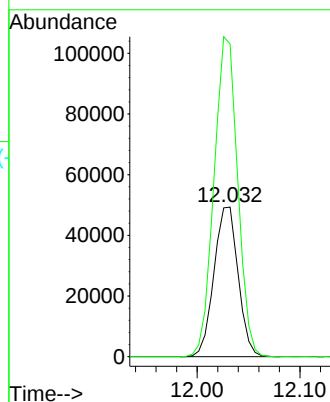
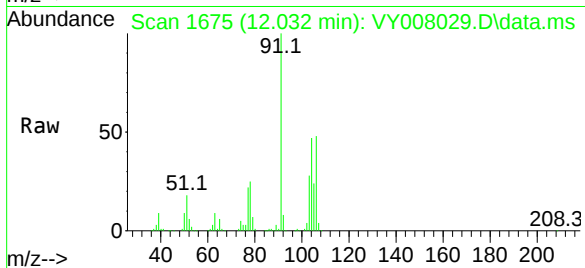
VSTDIC020

Tgt Ion:106 Resp: 80438

Ion Ratio Lower Upper

106 100

91 209.6 110.3 331.0



#70

Styrene

Concen: 18.568 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY008029.D

Acq: 25 Mar 2022 16:33

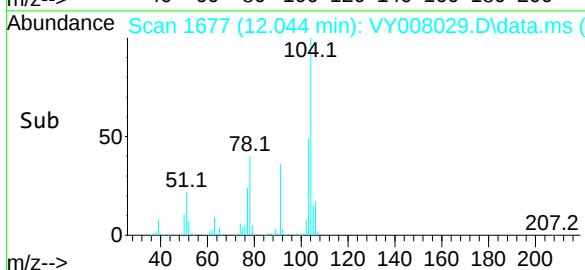
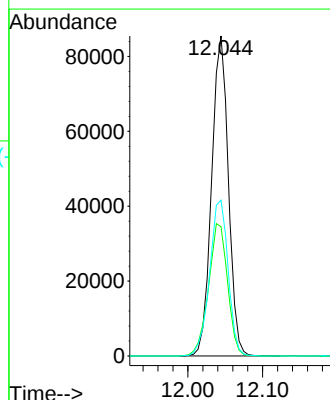
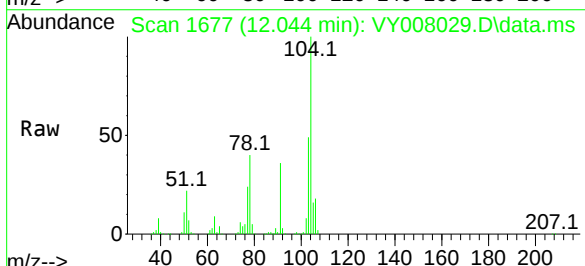
Tgt Ion:104 Resp: 133506

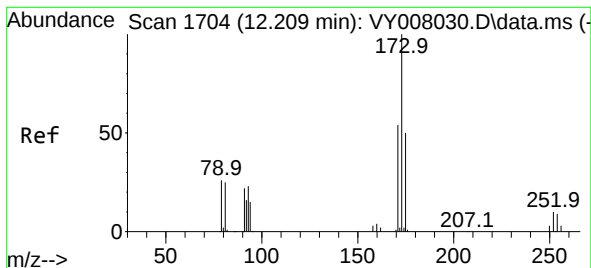
Ion Ratio Lower Upper

104 100

78 46.9 42.4 63.6

103 53.8 44.4 66.6





#71

Bromoform

Concen: 15.995 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008029.D

Acq: 25 Mar 2022 16:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

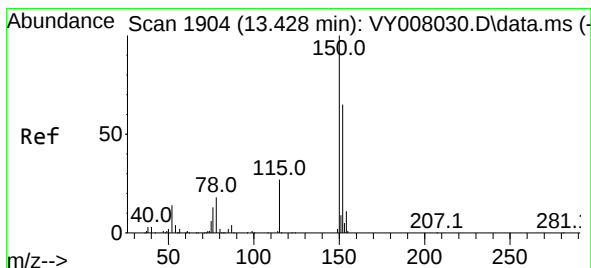
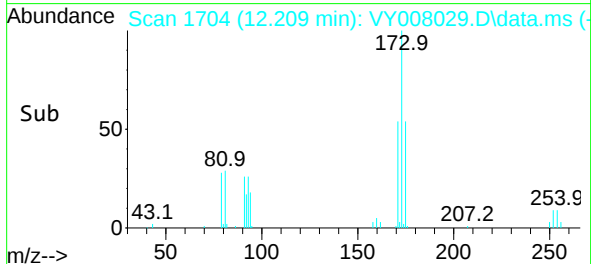
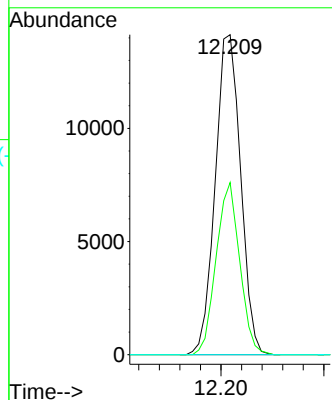
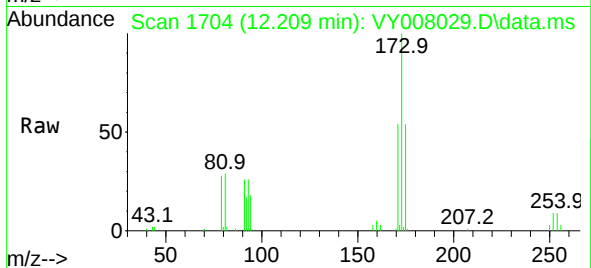
Tgt Ion:173 Resp: 24217

Ion Ratio Lower Upper

173 100

175 49.9 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY008029.D

Acq: 25 Mar 2022 16:33

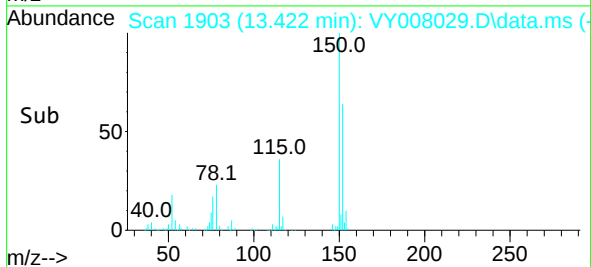
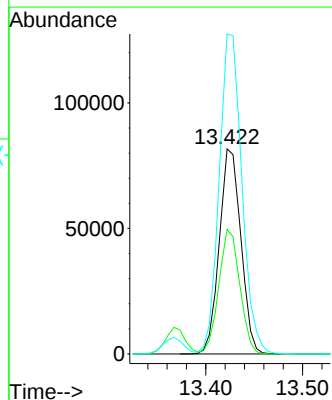
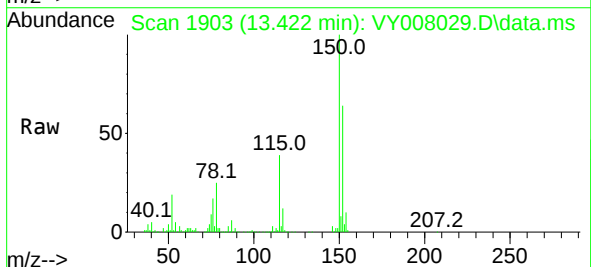
Tgt Ion:152 Resp: 126373

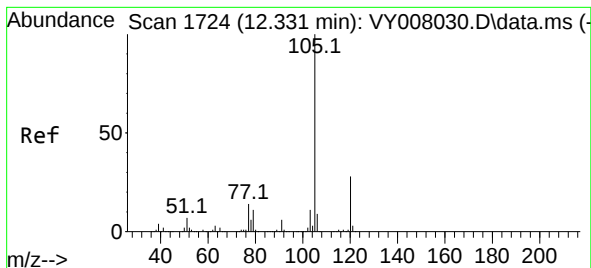
Ion Ratio Lower Upper

152 100

115 59.1 28.2 84.7

150 164.5 0.0 347.6





#73

Isopropylbenzene

Concen: 19.522 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY008029.D

Acq: 25 Mar 2022 16:33

Instrument :

MSVOA_Y

ClientSampleId :

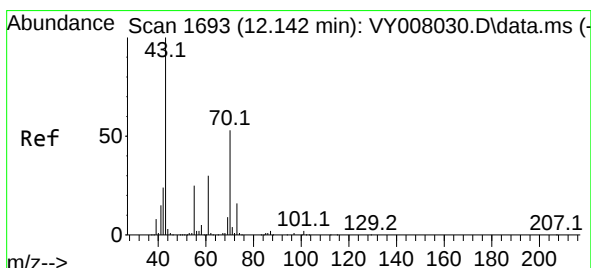
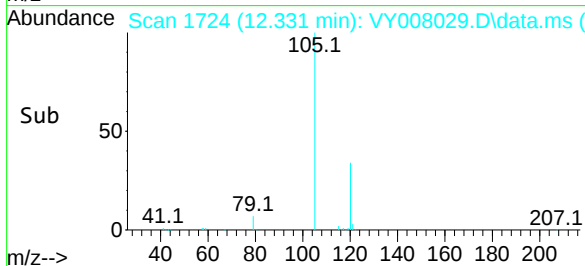
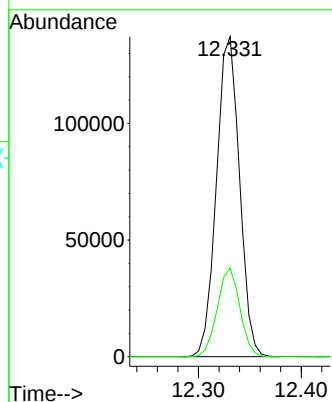
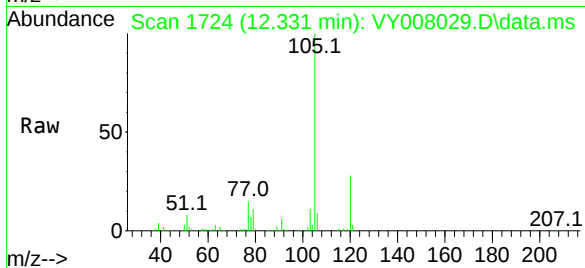
VSTDIC020

Tgt Ion:105 Resp: 213068

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



#74

N-ethyl acetate

Concen: 14.985 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY008029.D

Acq: 25 Mar 2022 16:33

Tgt Ion: 43 Resp: 49357

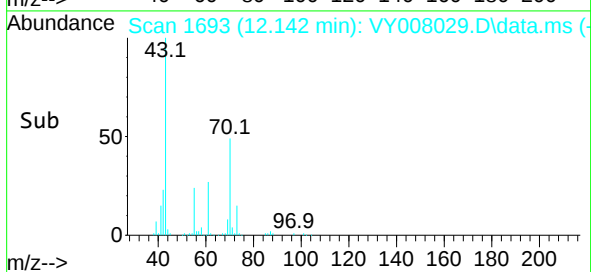
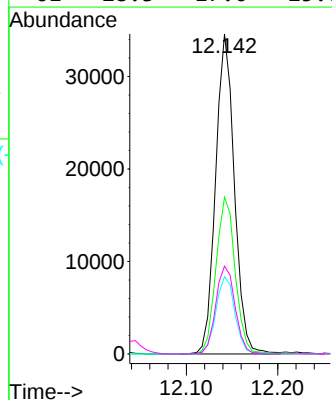
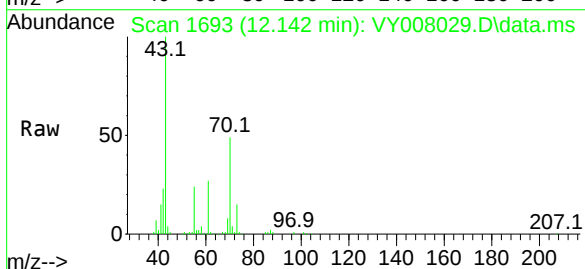
Ion Ratio Lower Upper

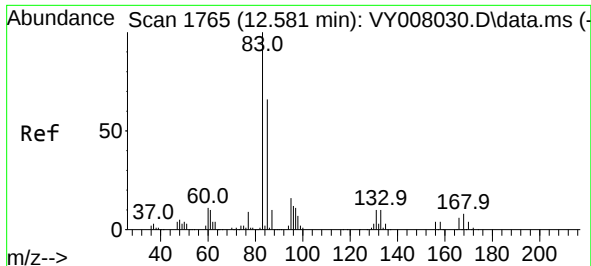
43 100

70 50.1 28.7 43.1#

55 24.7 17.3 25.9

61 28.3 17.0 25.6#

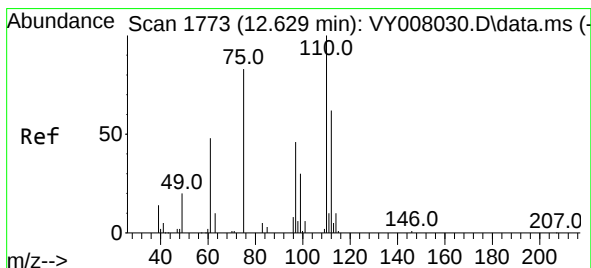
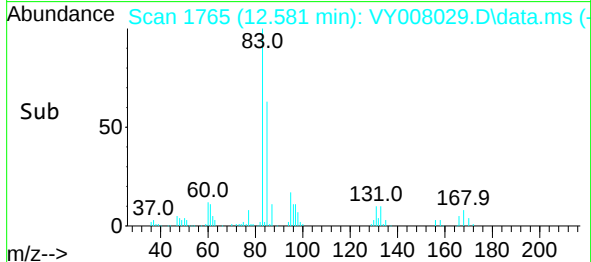
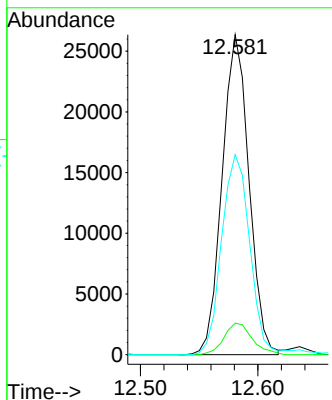
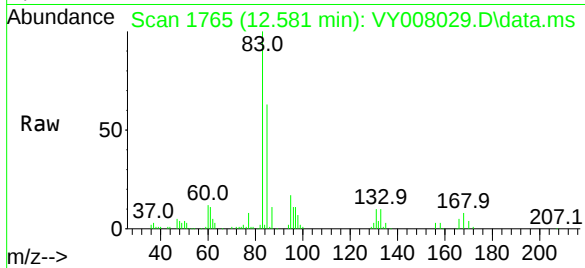




#75
1,1,2,2-Tetrachloroethane
Concen: 16.474 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

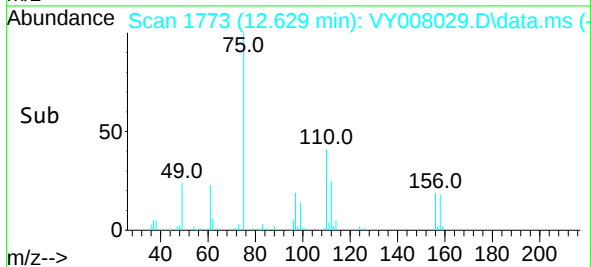
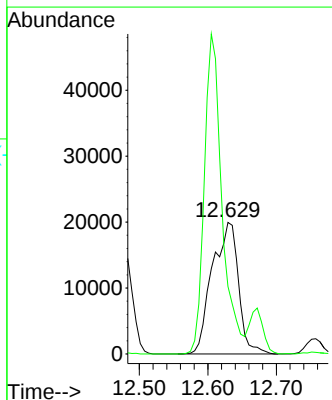
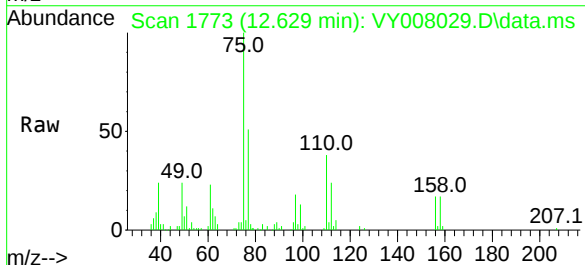
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

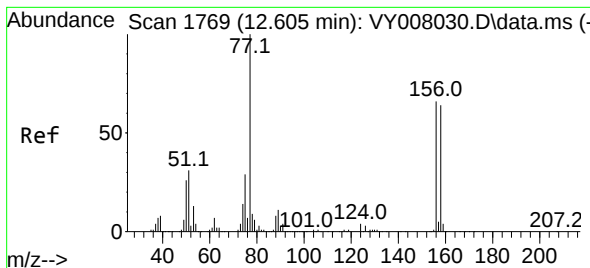
Tgt Ion: 83 Resp: 41821
Ion Ratio Lower Upper
83 100
131 10.4 5.6 16.8
85 65.6 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 17.391 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

Tgt Ion: 75 Resp: 53118
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.203 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY008029.D

Acq: 25 Mar 2022 16:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

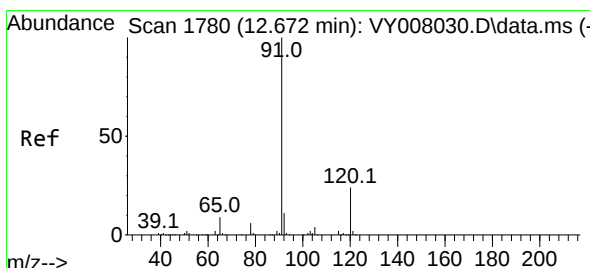
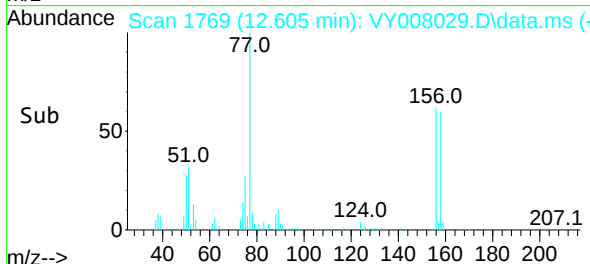
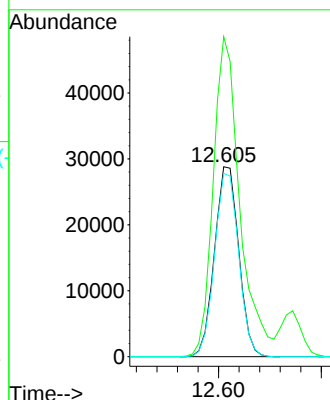
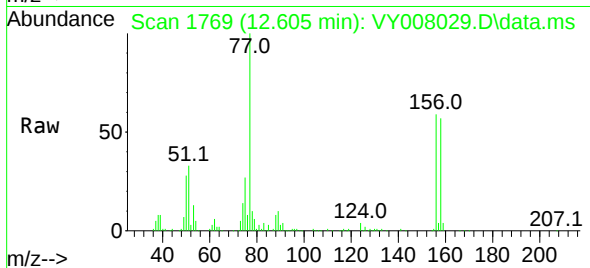
Tgt Ion:156 Resp: 47050

Ion Ratio Lower Upper

156 100

77 185.4 95.5 286.4

158 96.2 48.0 144.0



#78

n-propylbenzene

Concen: 19.417 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY008029.D

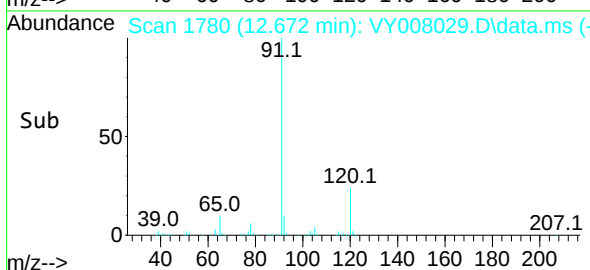
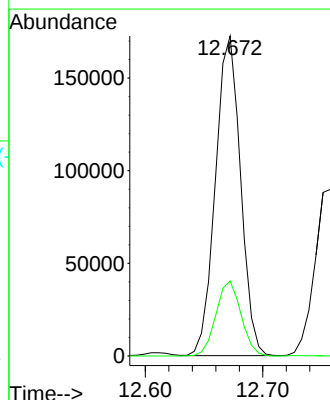
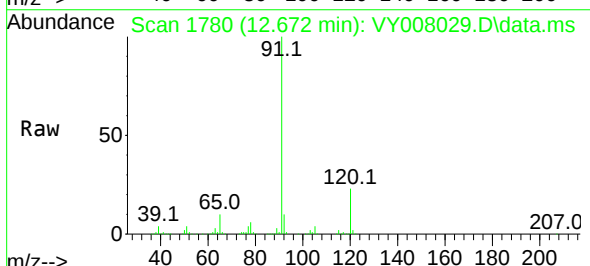
Acq: 25 Mar 2022 16:33

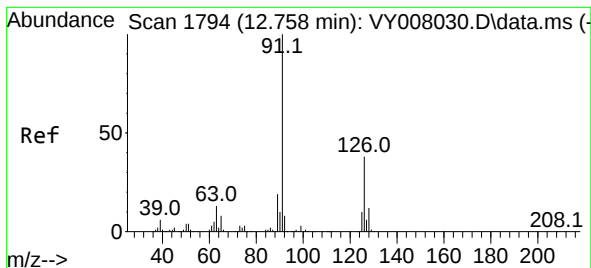
Tgt Ion: 91 Resp: 255975

Ion Ratio Lower Upper

91 100

120 23.4 11.3 33.9





#79

2-Chlorotoluene

Concen: 18.588 ug/l

RT: 12.757 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008029.D

Acq: 25 Mar 2022 16:33

Instrument :

MSVOA_Y

ClientSampleId :

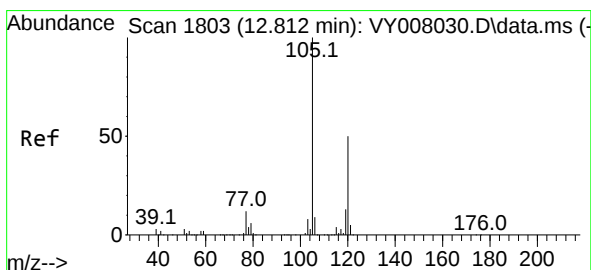
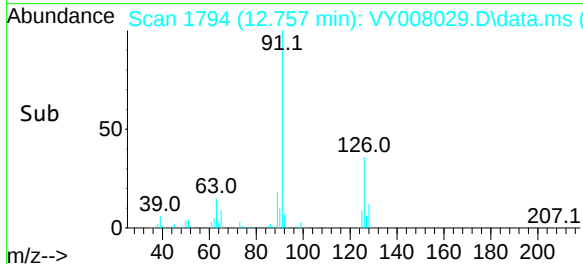
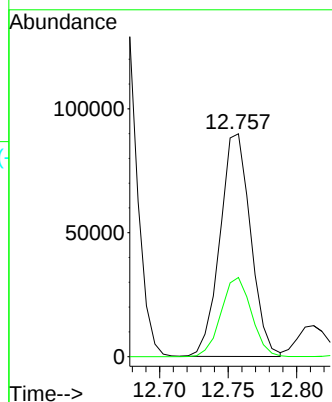
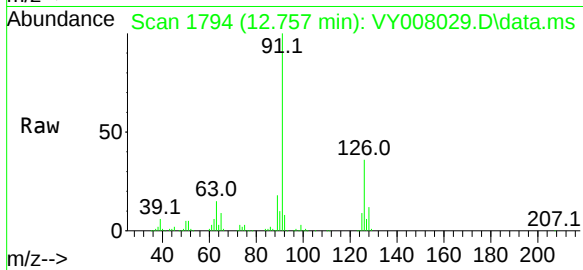
VSTDICC020

Tgt Ion: 91 Resp: 139967

Ion Ratio Lower Upper

91 100

126 35.2 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 19.510 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY008029.D

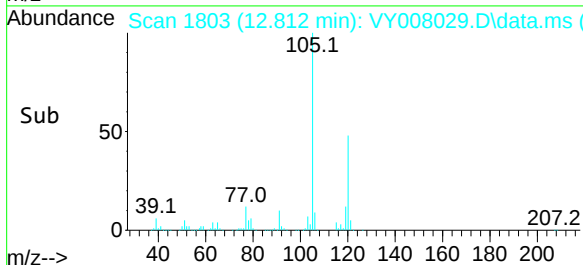
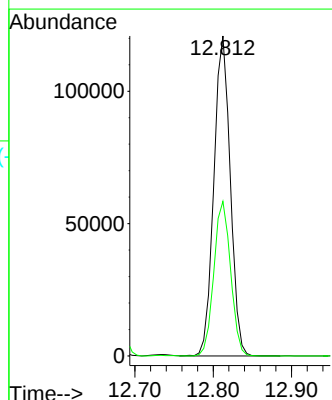
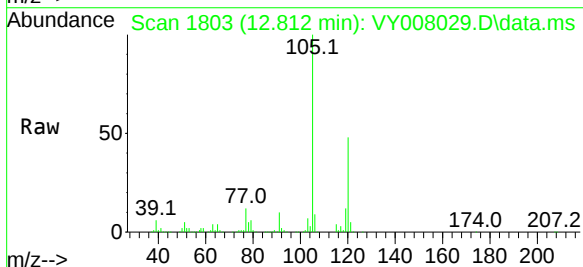
Acq: 25 Mar 2022 16:33

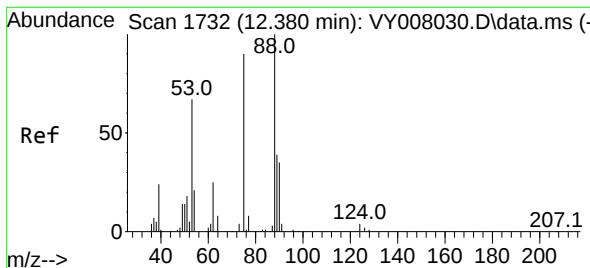
Tgt Ion:105 Resp: 176045

Ion Ratio Lower Upper

105 100

120 49.2 24.4 73.4

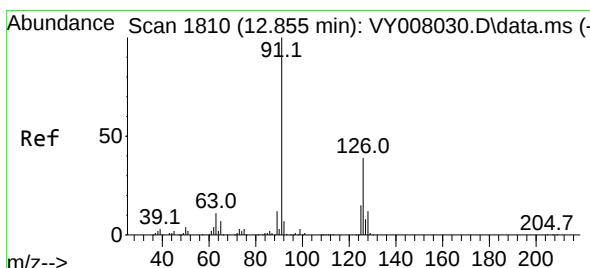
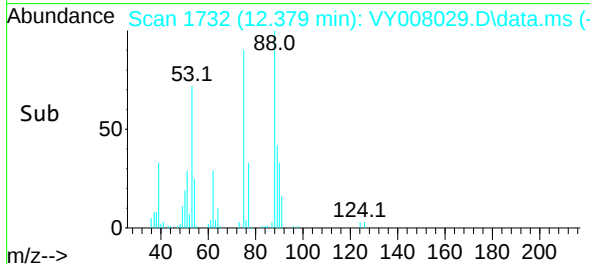
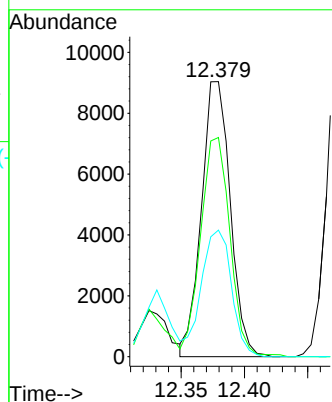
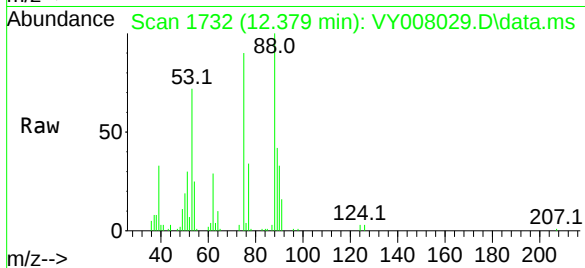




#81
trans-1,4-Dichloro-2-butene
Concen: 16.375 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

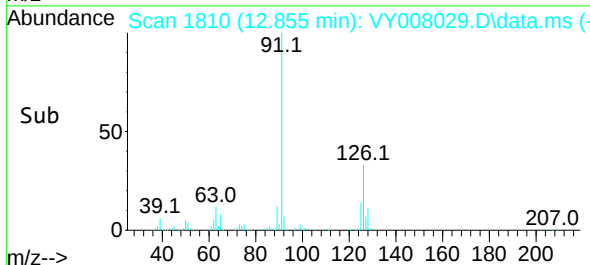
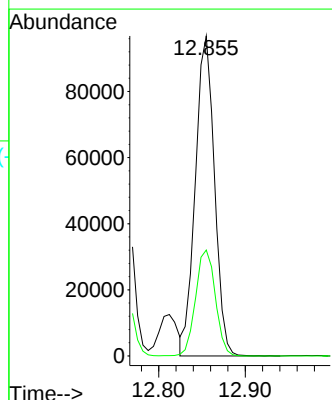
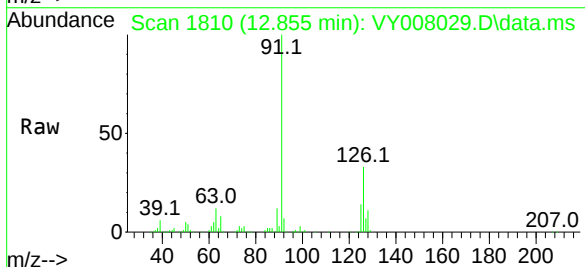
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

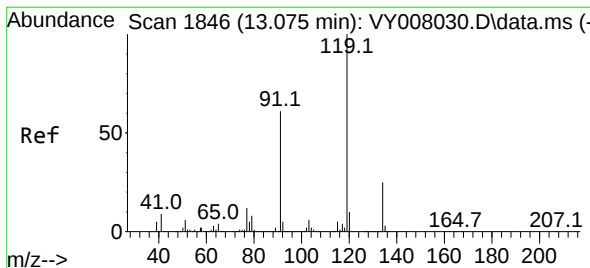
Tgt Ion: 75 Resp: 14359
Ion Ratio Lower Upper
75 100
53 81.0 85.3 127.9#
89 48.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 19.090 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

Tgt Ion: 91 Resp: 148335
Ion Ratio Lower Upper
91 100
126 34.3 17.0 51.0

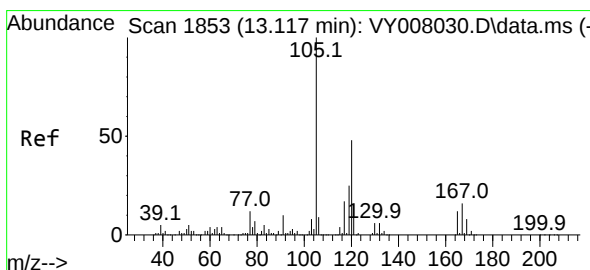
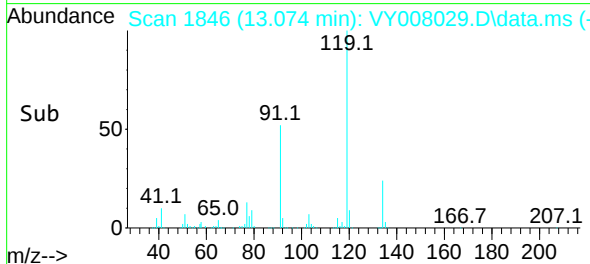
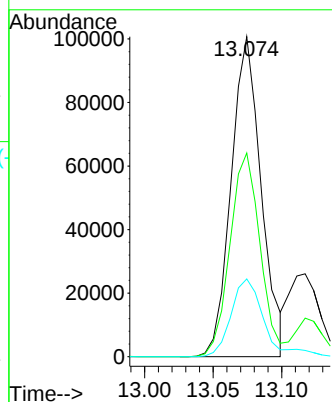
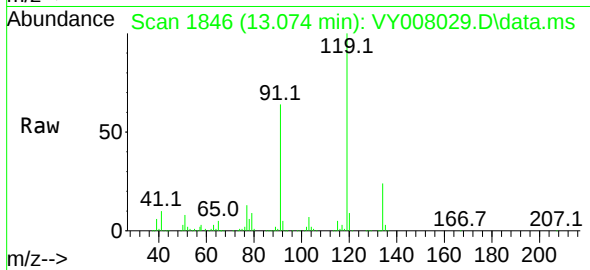




#83
tert-Butylbenzene
Concen: 19.697 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

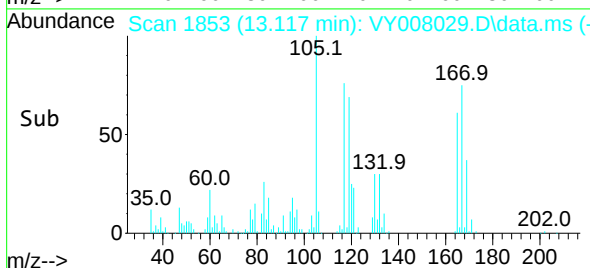
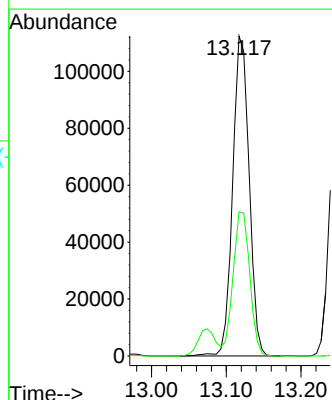
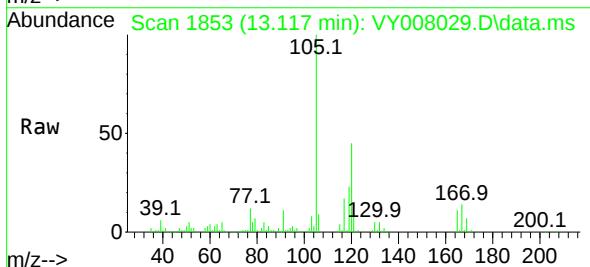
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

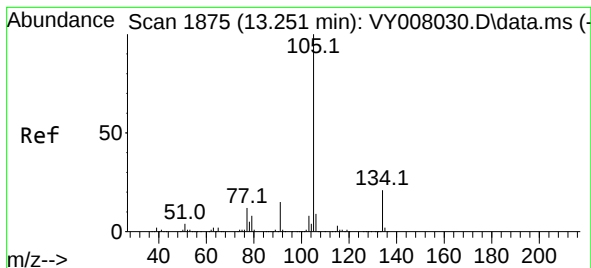
Tgt Ion:119 Resp: 153725
Ion Ratio Lower Upper
119 100
91 63.5 34.8 104.4
134 26.7 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 19.306 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

Tgt Ion:105 Resp: 172162
Ion Ratio Lower Upper
105 100
120 45.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.768 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY008029.D

Acq: 25 Mar 2022 16:33

Instrument :

MSVOA_Y

ClientSampleId :

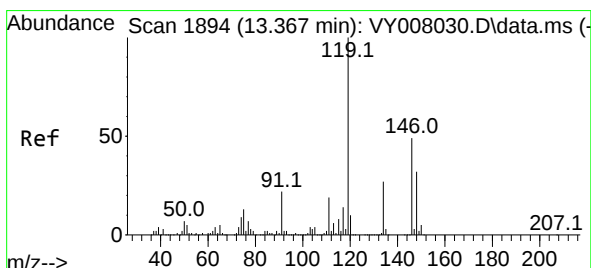
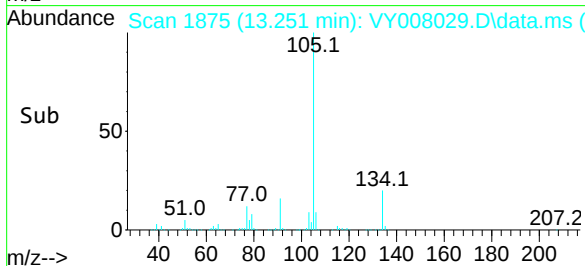
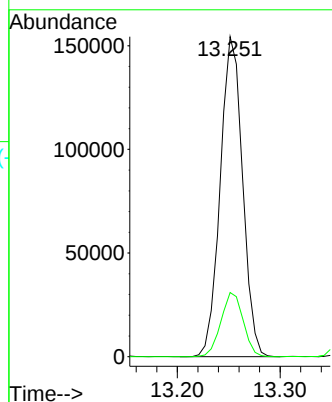
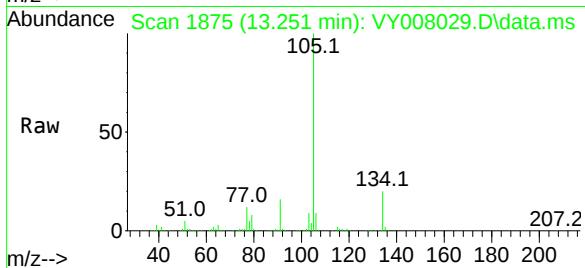
VSTDIC020

Tgt Ion:105 Resp: 232601

Ion Ratio Lower Upper

105 100

134 19.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 19.960 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY008029.D

Acq: 25 Mar 2022 16:33

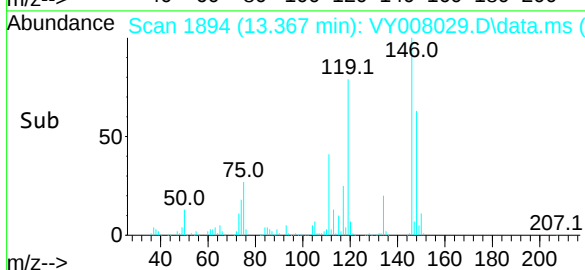
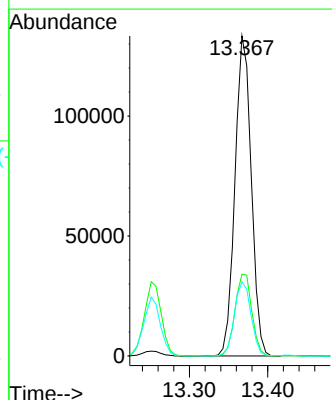
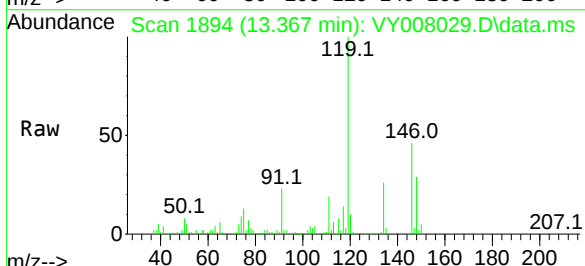
Tgt Ion:119 Resp: 192249

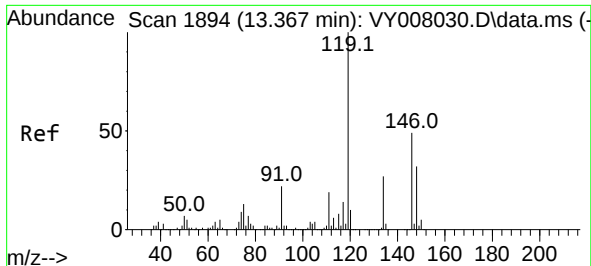
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

91 23.7 12.4 37.2

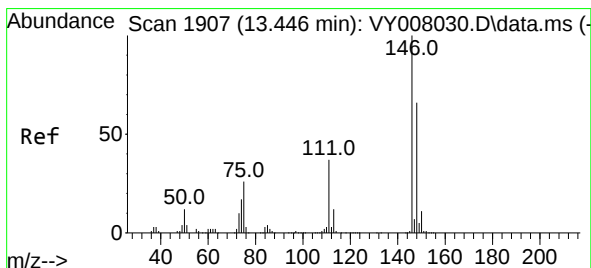
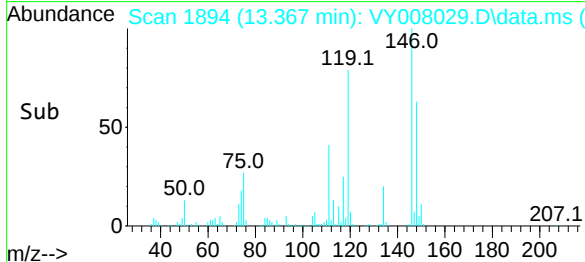
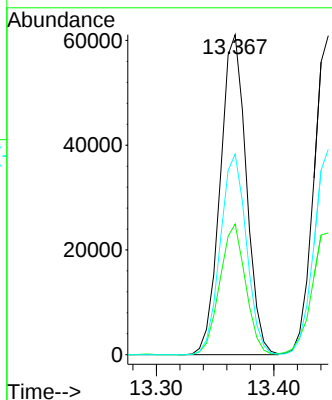
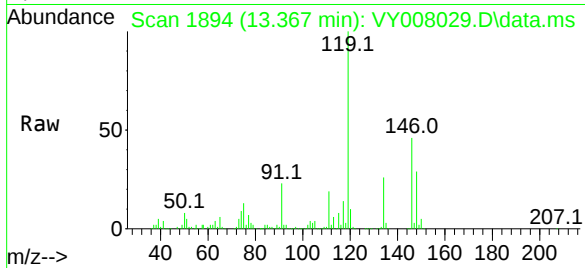




#87
1,3-Dichlorobenzene
Concen: 18.677 ug/l
RT: 13.367 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

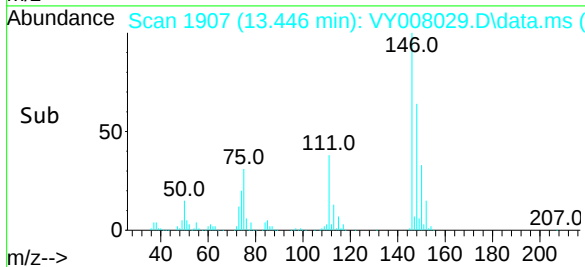
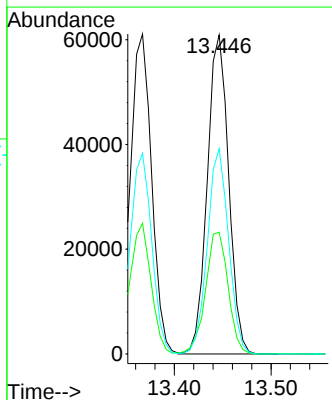
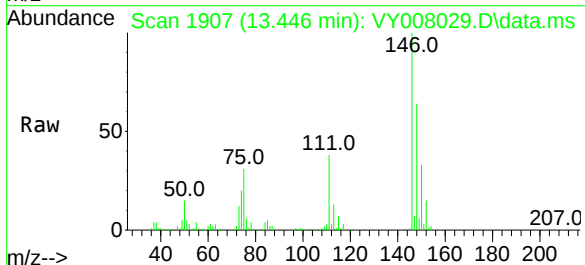
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

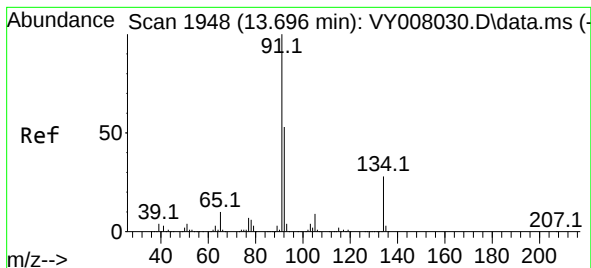
Tgt Ion:146 Resp: 94285
Ion Ratio Lower Upper
146 100
111 40.4 19.5 58.5
148 62.8 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 18.516 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

Tgt Ion:146 Resp: 93643
Ion Ratio Lower Upper
146 100
111 40.3 19.3 57.8
148 64.0 32.6 97.8

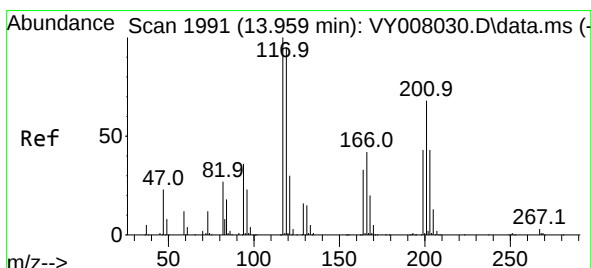
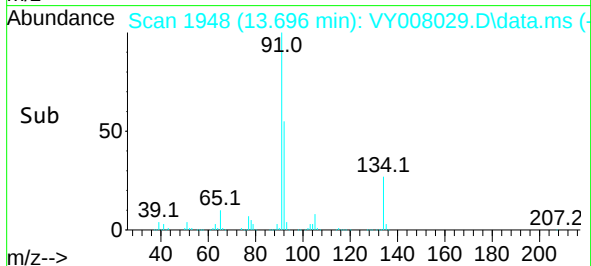
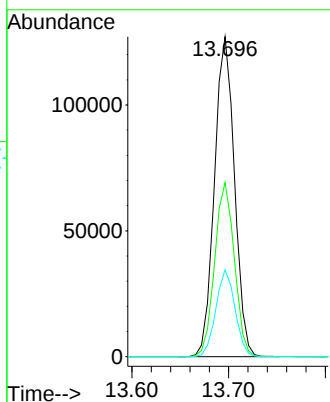
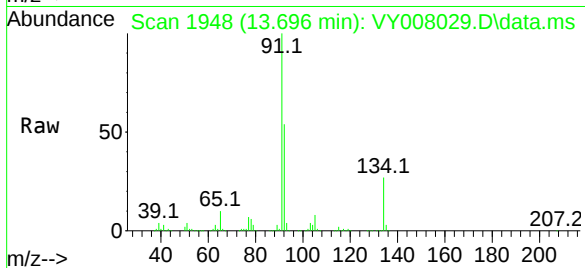




#89
n-Butylbenzene
Concen: 19.782 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

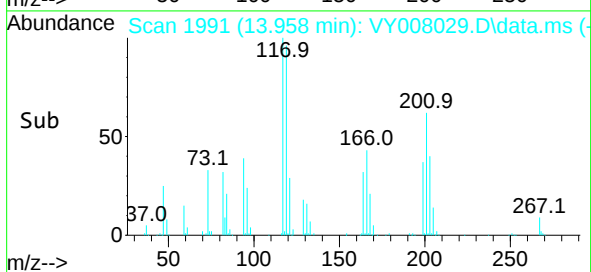
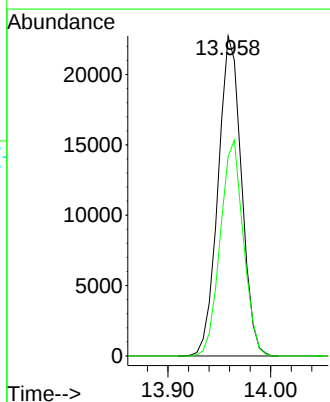
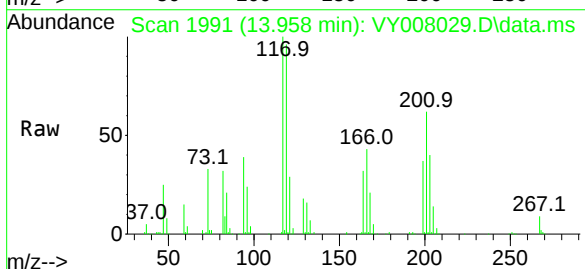
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

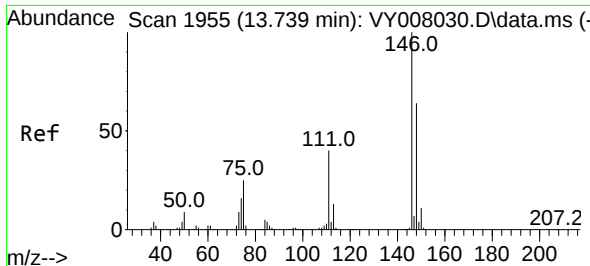
Tgt Ion: 91 Resp: 182264
Ion Ratio Lower Upper
91 100
92 53.6 26.3 78.9
134 26.0 13.0 38.9



#90
Hexachloroethane
Concen: 19.161 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

Tgt Ion: 117 Resp: 35868
Ion Ratio Lower Upper
117 100
201 66.5 43.0 128.8

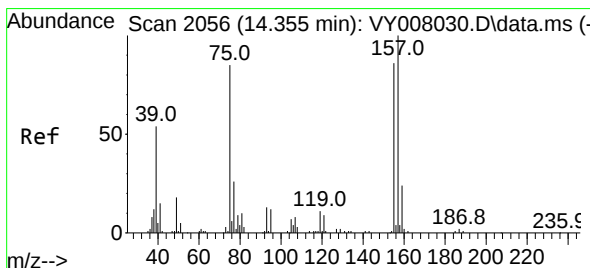
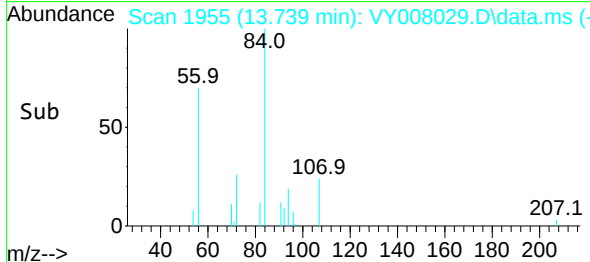
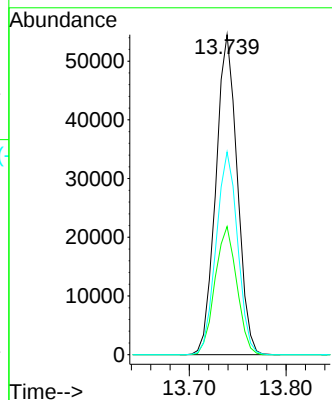
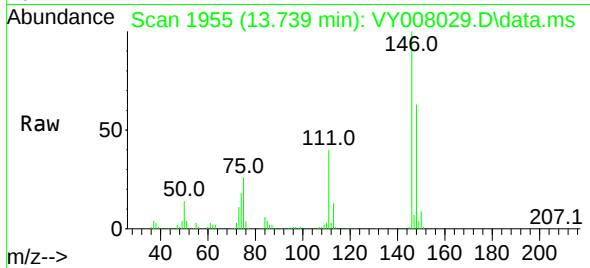




#91
1,2-Dichlorobenzene
Concen: 18.306 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

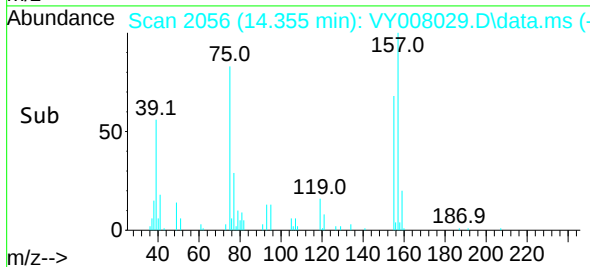
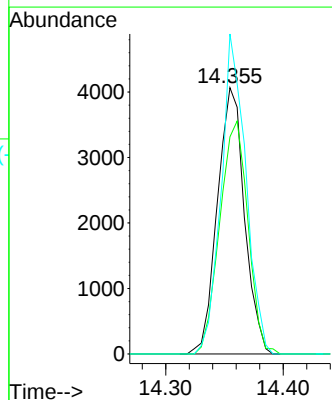
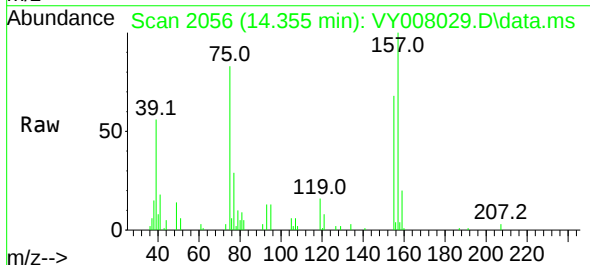
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

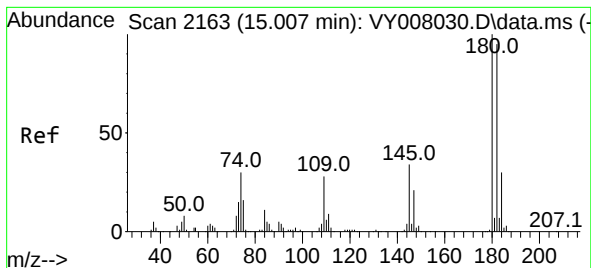
Tgt Ion:146 Resp: 83629
Ion Ratio Lower Upper
146 100
111 40.9 20.3 60.9
148 63.6 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.718 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

Tgt Ion: 75 Resp: 6504
Ion Ratio Lower Upper
75 100
155 90.8 38.0 113.9
157 109.6 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 17.091 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY008029.D

Acq: 25 Mar 2022 16:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

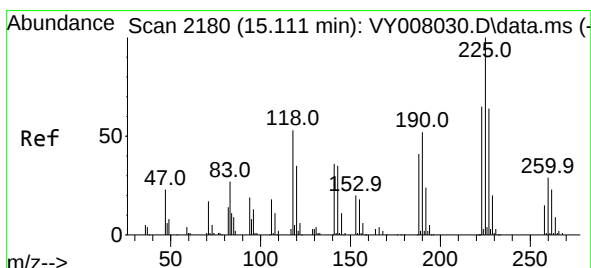
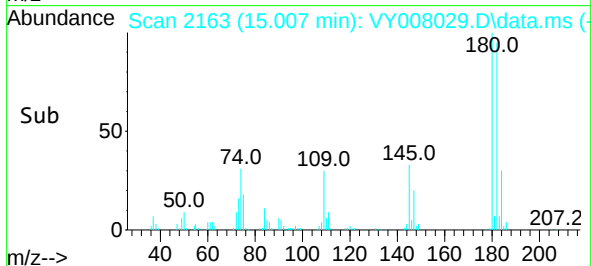
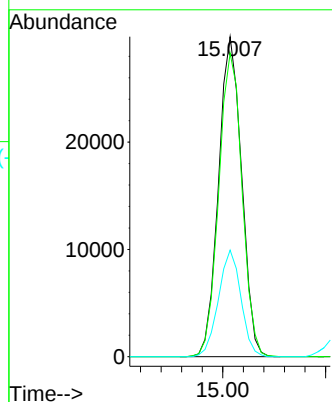
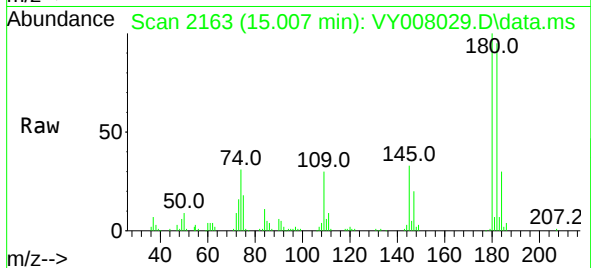
Tgt Ion:180 Resp: 46368

Ion Ratio Lower Upper

180 100

182 95.9 47.3 141.9

145 32.5 14.6 43.8



#94

Hexachlorobutadiene

Concen: 18.762 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY008029.D

Acq: 25 Mar 2022 16:33

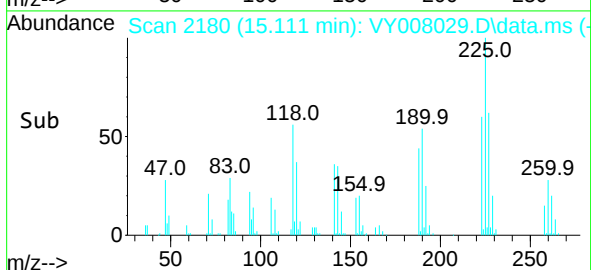
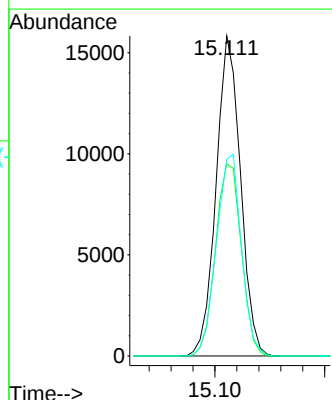
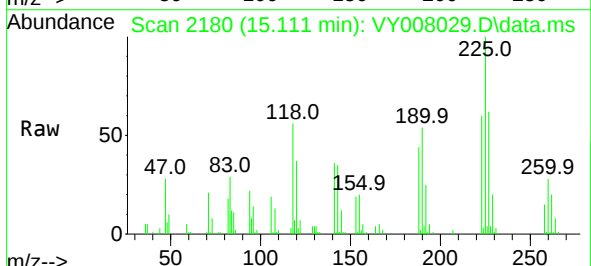
Tgt Ion:225 Resp: 24481

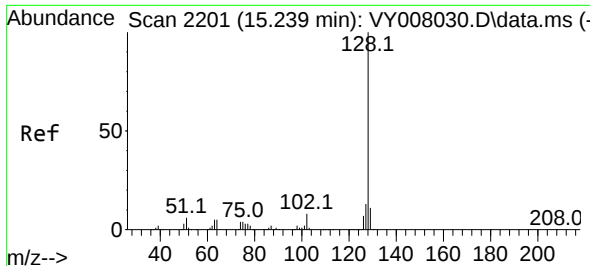
Ion Ratio Lower Upper

225 100

223 63.4 30.8 92.3

227 64.7 31.6 94.7

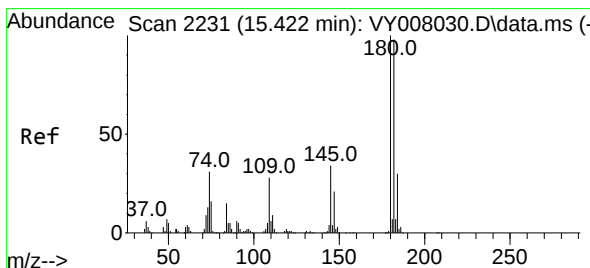
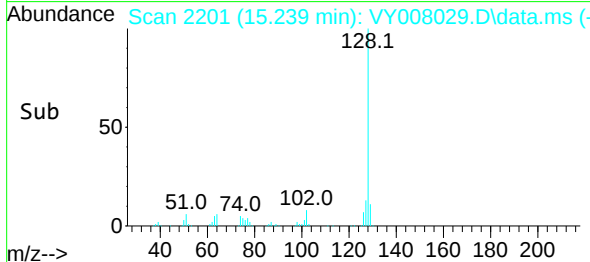
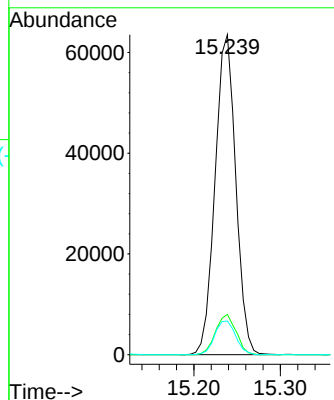
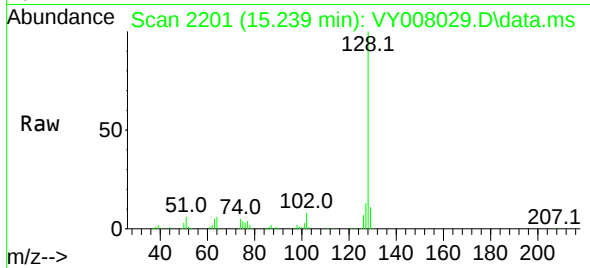




#95
Naphthalene
Concen: 15.952 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 105392
Ion Ratio Lower Upper
128 100
127 12.5 11.0 16.4
129 10.7 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 17.068 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY008029.D
Acq: 25 Mar 2022 16:33

Tgt Ion:180 Resp: 40583
Ion Ratio Lower Upper
180 100
182 95.4 47.3 141.9
145 33.5 15.3 45.9

