

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061522\
 Data File : VY009185.D
 Acq On : 15 Jun 2022 14:26
 Operator : KP/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Jun 16 02:24:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:21:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	173627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	281147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	256618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	128993	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	36585	19.597	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	39.200%#
35) Dibromofluoromethane	7.703	113	35446	19.504	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	39.000%#
50) Toluene-d8	10.172	98	135972	19.916	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	39.840%#
62) 4-Bromofluorobenzene	12.477	95	49549	19.628	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	39.260%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.899	85	27544	18.268	ug/l	98
3) Chloromethane	2.107	50	35513	16.646	ug/l	99
4) Vinyl Chloride	2.241	62	35678	11.640	ug/l	93
5) Bromomethane	2.631	94	23913	7.926	ug/l	100
6) Chloroethane	2.777	64	21717	9.998	ug/l	95
7) Trichlorofluoromethane	3.113	101	53993	19.223	ug/l	84
8) Diethyl Ether	3.521	74	20567	22.394	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.887	101	33001	19.087	ug/l	97
10) Methyl Iodide	4.082	142	42793	23.307	ug/l #	88
11) Tert butyl alcohol	4.929	59	37768	203.795	ug/l #	93
12) 1,1-Dichloroethene	3.862	96	32325	19.857	ug/l	84
13) Acrolein	3.722	56	7613	123.188	ug/l	99
14) Allyl chloride	4.466	41	58129	22.868	ug/l	92
15) Acrylonitrile	5.149	53	56668	110.771	ug/l	97
16) Acetone	3.942	43	44517	116.942	ug/l	94
17) Carbon Disulfide	4.179	76	97832	18.772	ug/l	100
18) Methyl Acetate	4.472	43	29176	24.759	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	99325	20.239	ug/l	98
20) Methylene Chloride	4.704	84	44532	16.387	ug/l	84
21) trans-1,2-Dichloroethene	5.210	96	37752	18.109	ug/l	91
22) Diisopropyl ether	6.112	45	128024	21.527	ug/l	93
23) Vinyl Acetate	6.051	43	408954	104.523	ug/l	96
24) 1,1-Dichloroethane	6.008	63	69296	19.654	ug/l	97
25) 2-Butanone	6.978	43	73725	109.891	ug/l #	79
26) 2,2-Dichloropropane	6.978	77	61266	19.050	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	44467	18.943	ug/l	90
28) Bromochloromethane	7.331	49	29082	22.810	ug/l	93
29) Tetrahydrofuran	7.337	42	49940	109.718	ug/l	94
30) Chloroform	7.502	83	70377	18.638	ug/l	97
31) Cyclohexane	7.776	56	64990	18.810	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	61306	18.042	ug/l	97
36) 1,1-Dichloropropene	7.911	75	54025	18.369	ug/l	97
37) Ethyl Acetate	7.063	43	35670	22.919	ug/l #	95
38) Carbon Tetrachloride	7.886	117	56149	18.341	ug/l	91
39) Methylcyclohexane	9.179	83	67701	18.118	ug/l	93
40) Benzene	8.148	78	161123	19.045	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	17882	22.237	ug/l #	41
42) 1,2-Dichloroethane	8.234	62	46451	18.747	ug/l	92
43) Isopropyl Acetate	8.264	43	62236	21.652	ug/l #	92
44) Trichloroethene	8.935	130	45757	20.184	ug/l	99
45) 1,2-Dichloropropane	9.209	63	41599	20.311	ug/l	95
46) Dibromomethane	9.301	93	23801	18.554	ug/l	98
47) Bromodichloromethane	9.490	83	54988	18.634	ug/l	98
48) Methyl methacrylate	9.282	41	27701	21.584	ug/l	91
49) 1,4-Dioxane	9.294	88	6867	395.067	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	169145	108.063	ug/l	94
52) Toluene	10.239	92	104544	18.100	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	57914	18.656	ug/l	100
54) cis-1,3-Dichloropropene	9.922	75	64787	19.120	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	33367	18.590	ug/l	95
56) Ethyl methacrylate	10.508	69	46884	20.357	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	58194	19.769	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	99098	100.086	ug/l	97
59) 2-Hexanone	10.831	43	115283	108.191	ug/l	91
60) Dibromochloromethane	10.977	129	40436	18.635	ug/l	99
61) 1,2-Dibromoethane	11.087	107	32725	18.468	ug/l	98
64) Tetrachloroethene	10.715	164	48847	24.878	ug/l	98
65) Chlorobenzene	11.514	112	113018	19.392	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	40286	18.950	ug/l	95
67) Ethyl Benzene	11.587	91	196772	18.976	ug/l	95
68) m/p-Xylenes	11.696	106	156888	37.781	ug/l	92
69) o-Xylene	12.026	106	74308	19.155	ug/l	92
70) Styrene	12.038	104	122944	18.676	ug/l	96
71) Bromoform	12.202	173	25727	18.520	ug/l #	100
73) Isopropylbenzene	12.324	105	194344	19.966	ug/l	100
74) N-amyl acetate	12.141	43	54912	23.811	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.580	83	39170	19.631	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	52571	36.739	ug/l #	100
77) Bromobenzene	12.605	156	48442	21.187	ug/l	92
78) n-propylbenzene	12.666	91	239454	20.065	ug/l	98
79) 2-Chlorotoluene	12.751	91	134198	20.726	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	165004	20.431	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	13962	20.378	ug/l	89
82) 4-Chlorotoluene	12.855	91	137586	20.148	ug/l	97
83) tert-Butylbenzene	13.074	119	140289	19.507	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	161985	20.251	ug/l	96
85) sec-Butylbenzene	13.251	105	212580	19.581	ug/l	99
86) p-Isopropyltoluene	13.367	119	178830	19.786	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	92900	19.656	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	93380	19.603	ug/l	98
89) n-Butylbenzene	13.696	91	168052	20.155	ug/l	98
90) Hexachloroethane	13.958	117	33349	19.493	ug/l	87
91) 1,2-Dichlorobenzene	13.733	146	83867	19.886	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.354	75	6987	21.954	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	51438	21.380	ug/l	99
94) Hexachlorobutadiene	15.110	225	28404	21.692	ug/l	99
95) Naphthalene	15.232	128	110321	22.677	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	46161	22.010	ug/l	99

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QLast Update : Thu Jun 16 02:21:19 2022
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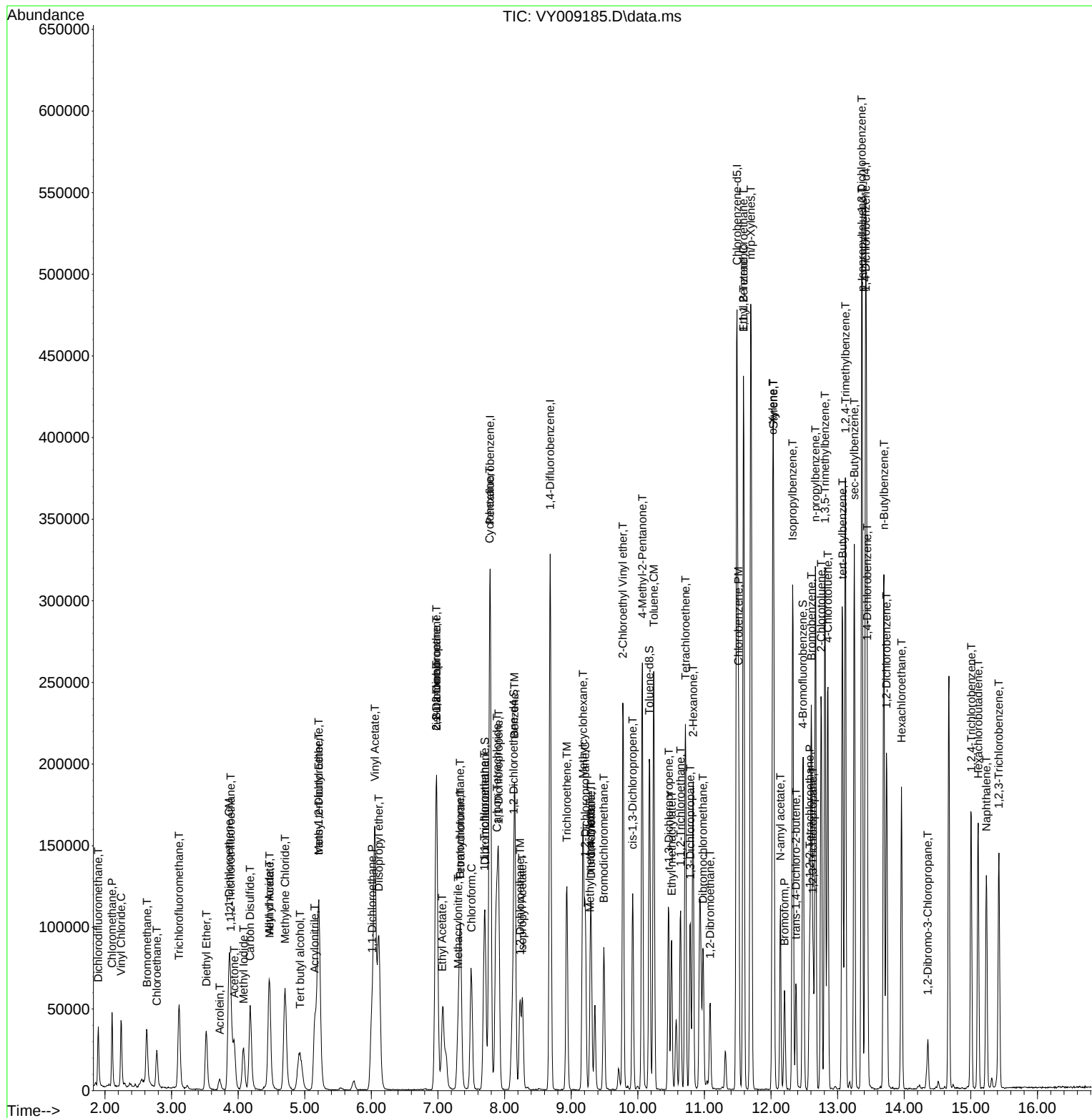
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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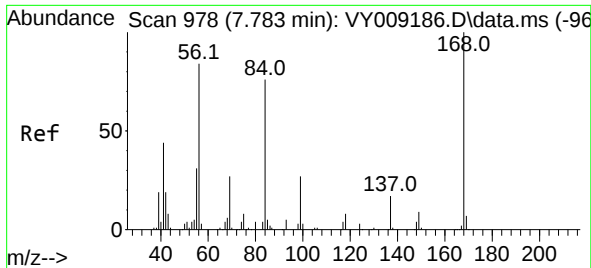
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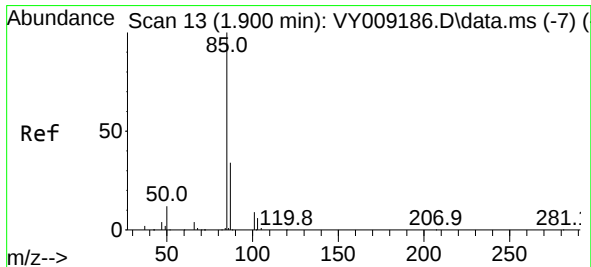
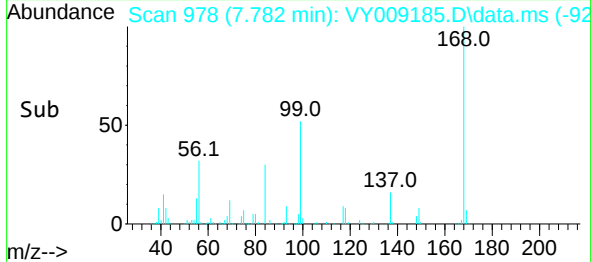
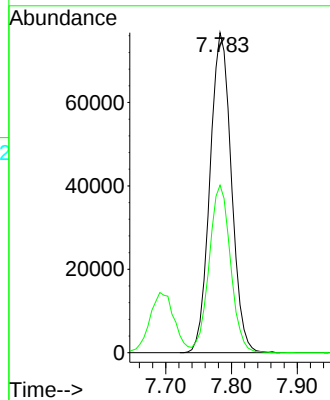
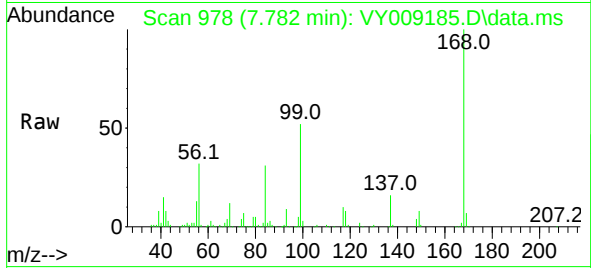




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
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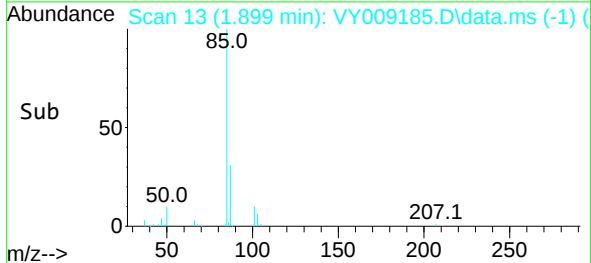
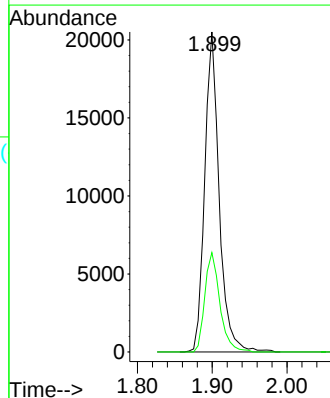
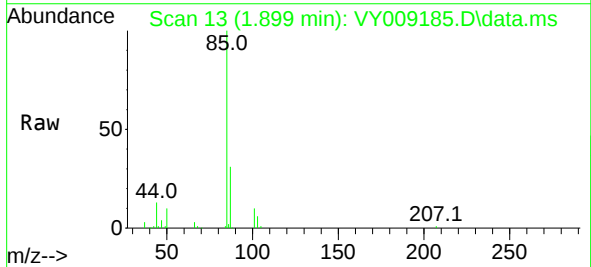
Instrument :
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ClientSampleId :
VSTDICC020

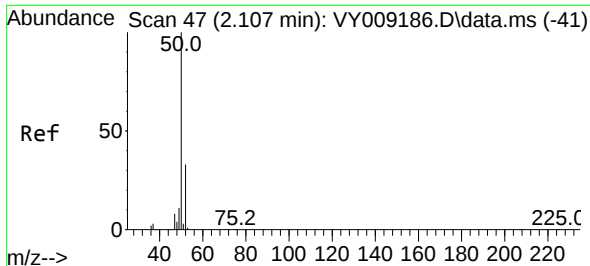
Tgt Ion:168 Resp: 173627
Ion Ratio Lower Upper
168 100
99 52.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 18.268 ug/l
RT: 1.899 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

Tgt Ion: 85 Resp: 27544
Ion Ratio Lower Upper
85 100
87 31.0 16.1 48.2

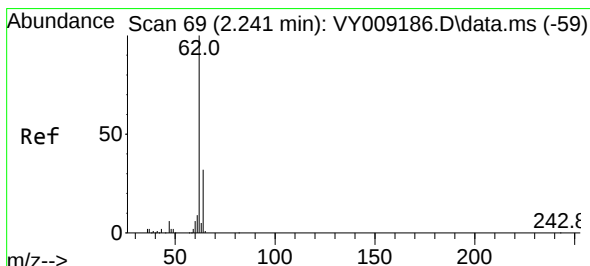
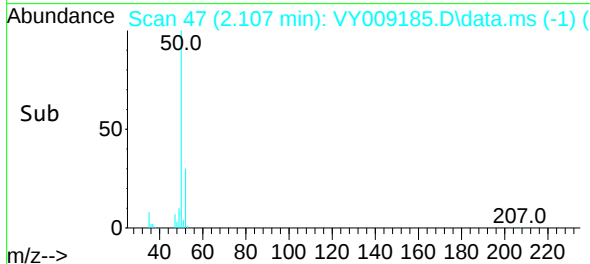
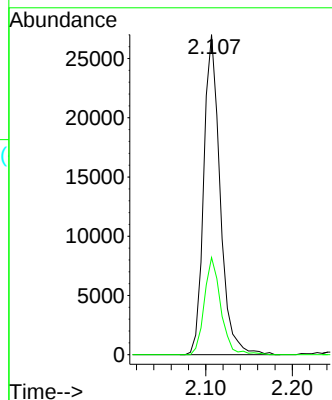
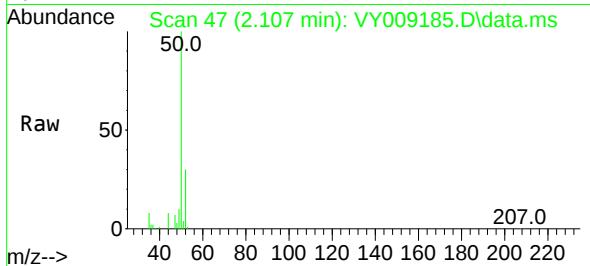




#3
Chloromethane
Concen: 16.646 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

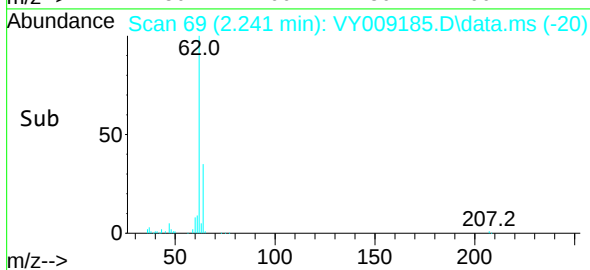
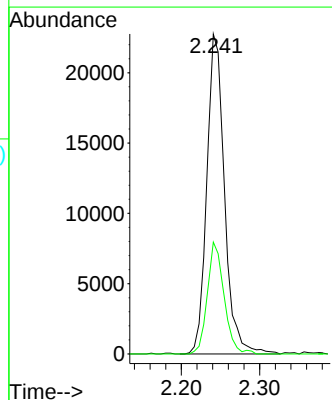
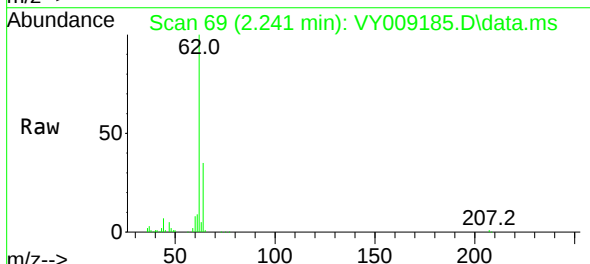
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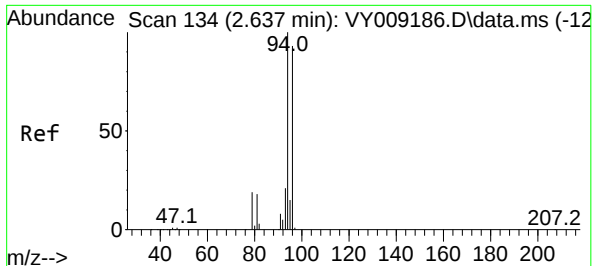
Tgt Ion: 50 Resp: 35513
Ion Ratio Lower Upper
50 100
52 30.3 24.6 37.0



#4
Vinyl Chloride
Concen: 11.640 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.000 min
Lab File: VY009185.D
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Tgt Ion: 62 Resp: 35678
Ion Ratio Lower Upper
62 100
64 34.9 25.0 37.6

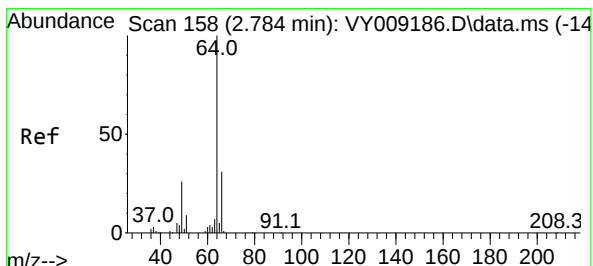
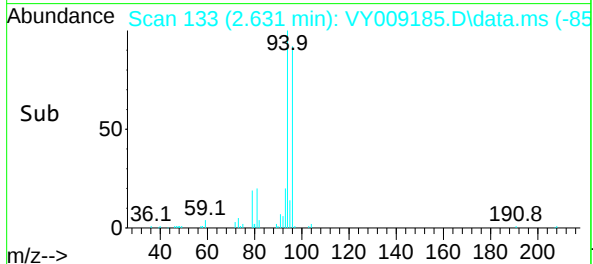
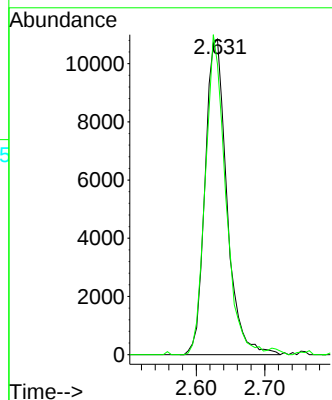
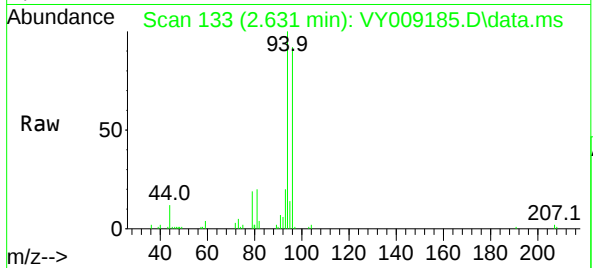




#5
Bromomethane
Concen: 7.926 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009185.D
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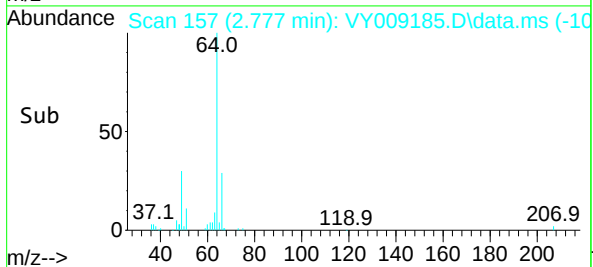
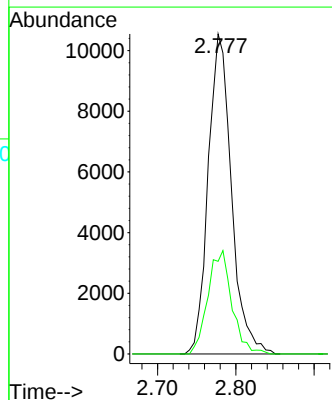
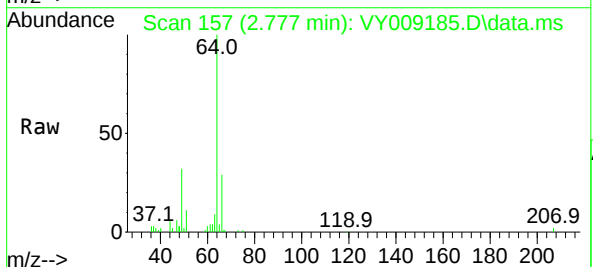
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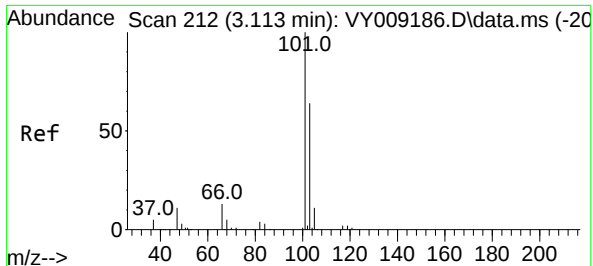
Tgt Ion: 94 Resp: 23913
Ion Ratio Lower Upper
94 100
96 92.1 73.5 110.3



#6
Chloroethane
Concen: 9.998 ug/l
RT: 2.777 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY009185.D
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Tgt Ion: 64 Resp: 21717
Ion Ratio Lower Upper
64 100
66 28.9 25.4 38.0

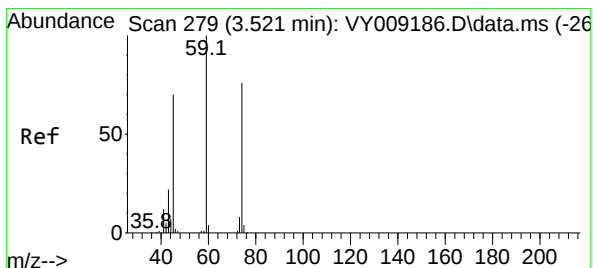
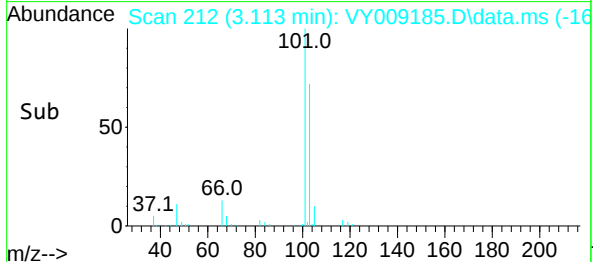
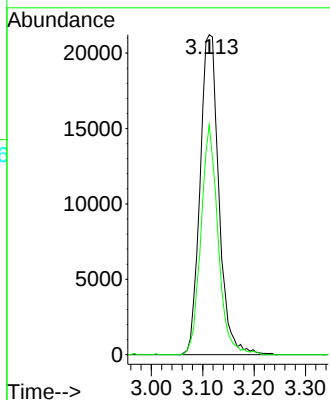
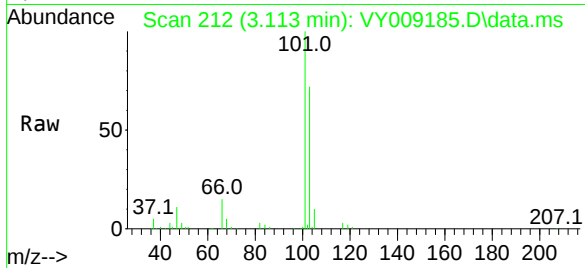




#7
 Trichlorofluoromethane
 Concen: 19.223 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VY009185.D
 Acq: 15 Jun 2022 14:26

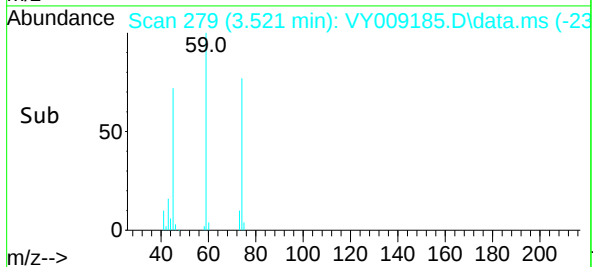
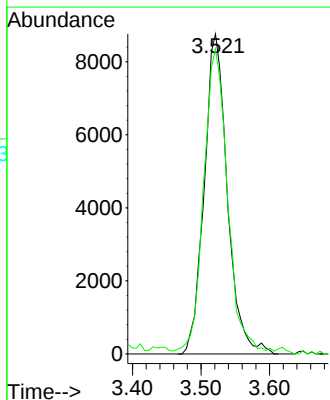
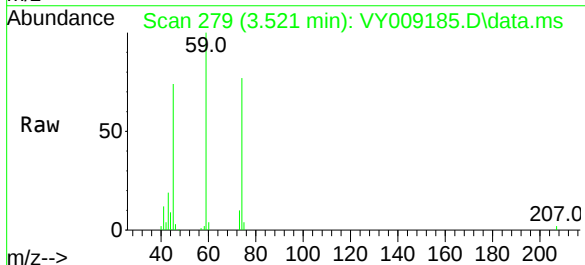
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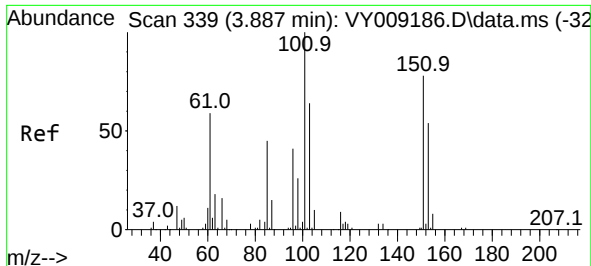
Tgt Ion:101 Resp: 53993
 Ion Ratio Lower Upper
 101 100
 103 71.8 48.0 72.0



#8
 Diethyl Ether
 Concen: 22.394 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 20567
 Ion Ratio Lower Upper
 74 100
 45 96.2 55.1 165.5

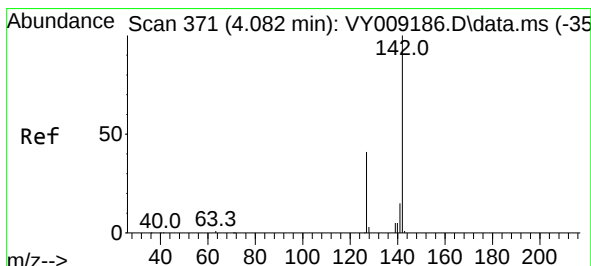
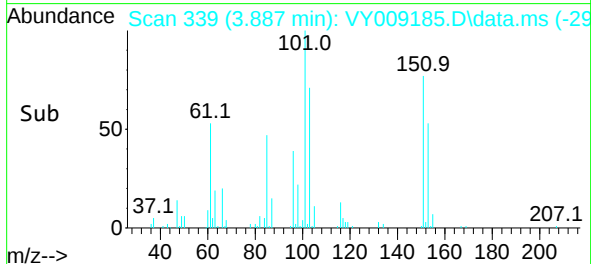
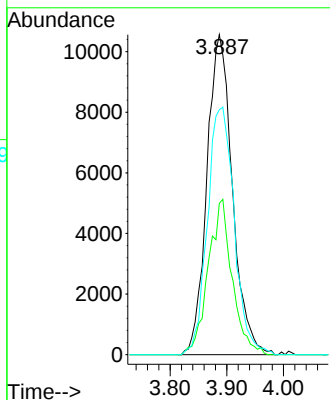
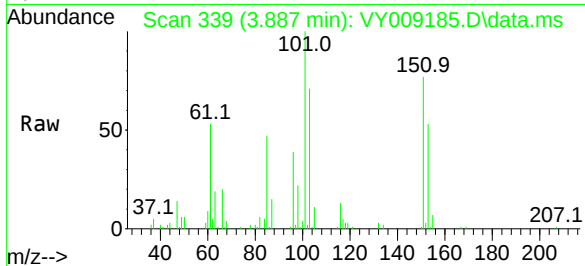




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.087 ug/l
RT: 3.887 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

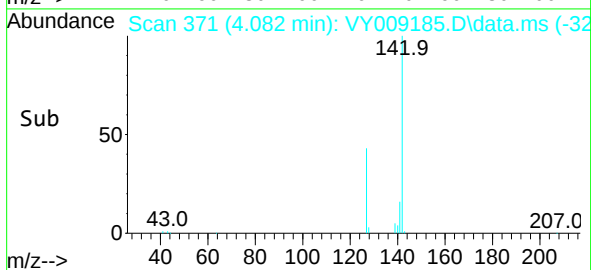
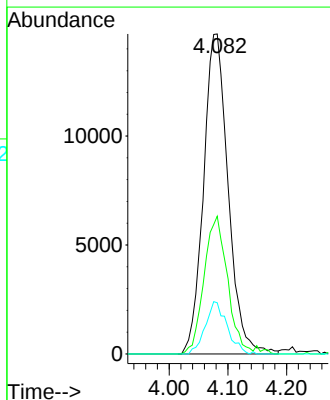
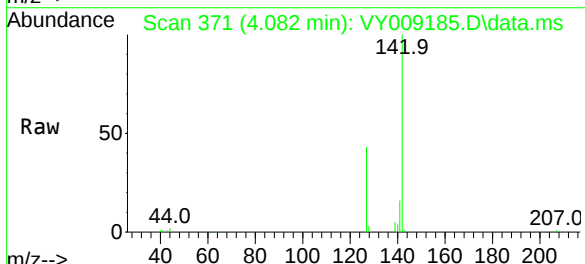
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

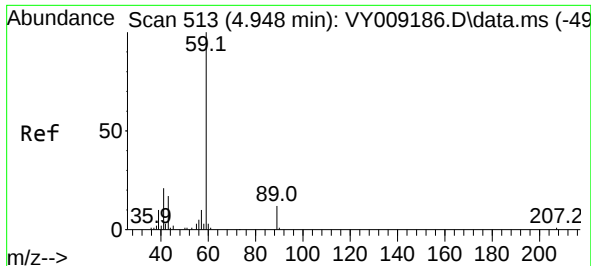
Tgt Ion:101 Resp: 33001
Ion Ratio Lower Upper
101 100
85 45.5 40.6 60.8
151 81.4 64.9 97.3



#10
Methyl Iodide
Concen: 23.307 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

Tgt Ion:142 Resp: 42793
Ion Ratio Lower Upper
142 100
127 40.9 41.5 62.3#
141 14.4 11.9 17.9

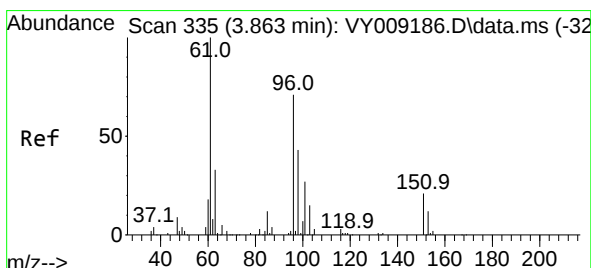
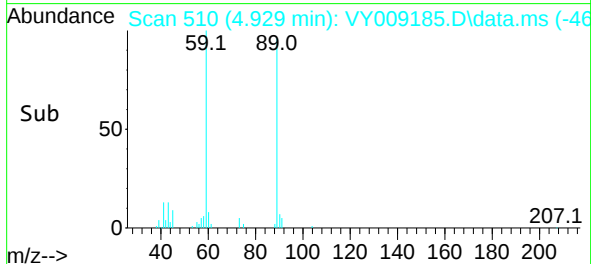
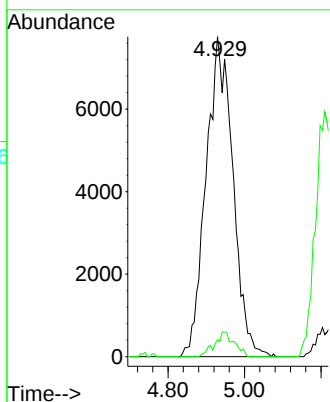
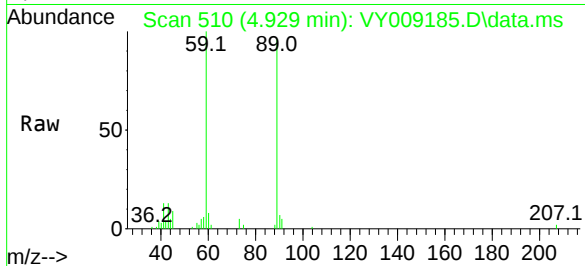




#11
Tert butyl alcohol
Concen: 203.795 ug/l
RT: 4.929 min Scan# 513
Delta R.T. -0.019 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

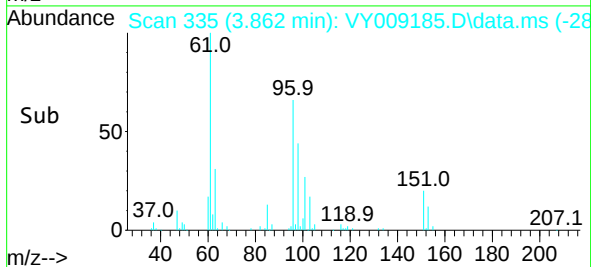
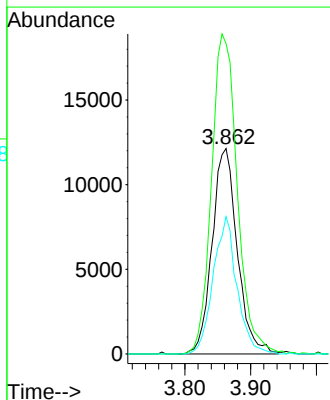
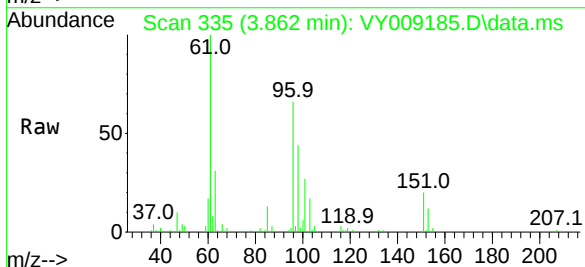
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

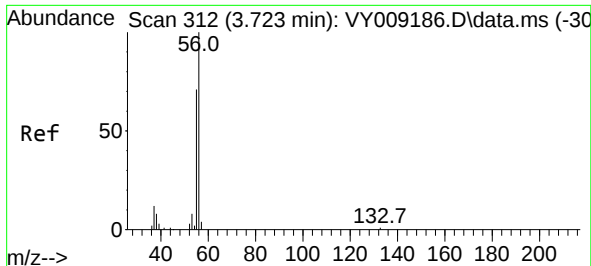
Tgt Ion: 59 Resp: 37768
Ion Ratio Lower Upper
59 100
57 5.7 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 19.857 ug/l
RT: 3.862 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

Tgt Ion: 96 Resp: 32325
Ion Ratio Lower Upper
96 100
61 151.0 145.8 218.6
98 66.8 52.5 78.7





#13

Acrolein

Concen: 123.188 ug/l

RT: 3.722 min Scan# 312

Delta R.T. -0.000 min

Lab File: VY009185.D

Acq: 15 Jun 2022 14:26

Instrument :

MSVOA_Y

ClientSampleId :

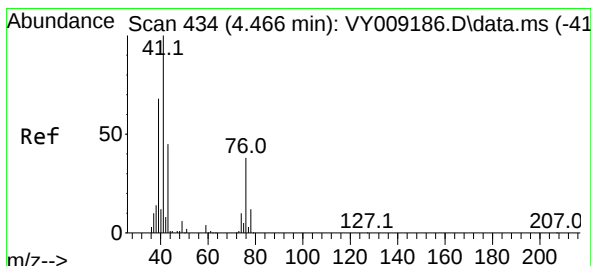
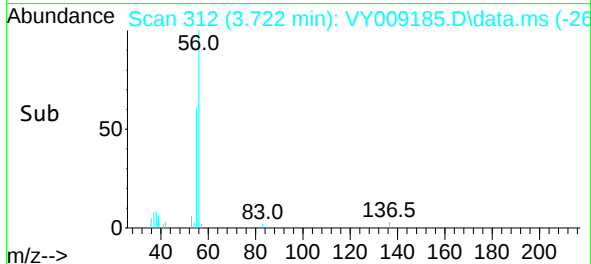
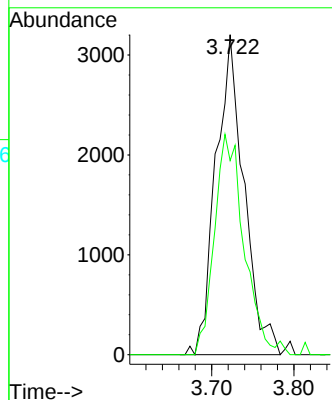
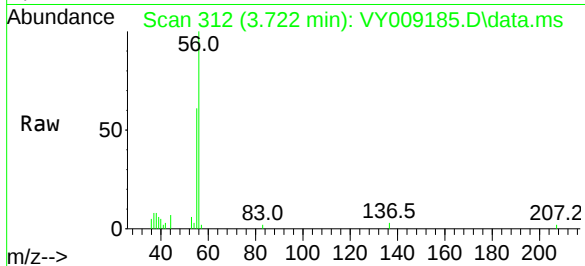
VSTDICC020

Tgt Ion: 56 Resp: 7613

Ion Ratio Lower Upper

56 100

55 72.8 57.6 86.4



#14

Allyl chloride

Concen: 22.868 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.000 min

Lab File: VY009185.D

Acq: 15 Jun 2022 14:26

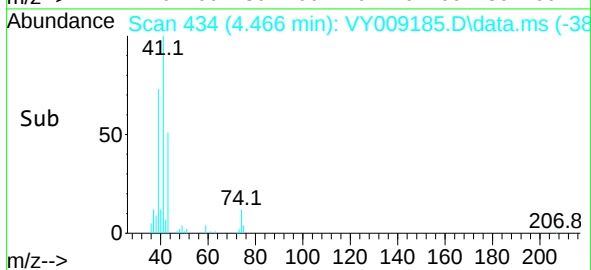
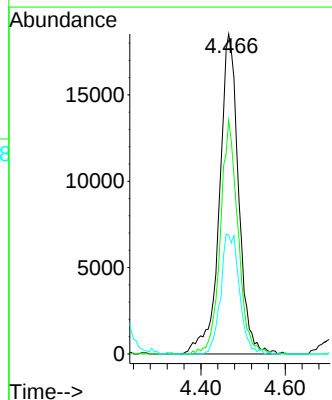
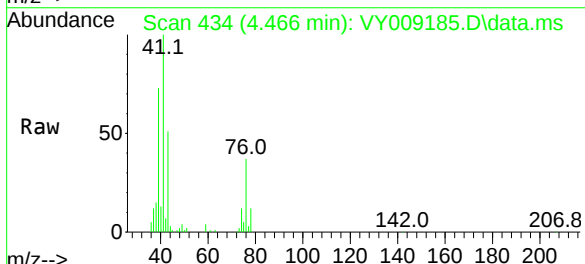
Tgt Ion: 41 Resp: 58129

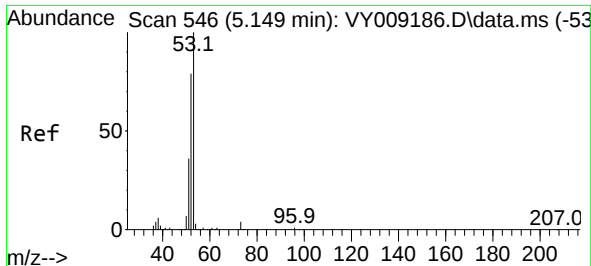
Ion Ratio Lower Upper

41 100

39 67.2 58.8 88.2

76 36.7 25.1 37.7

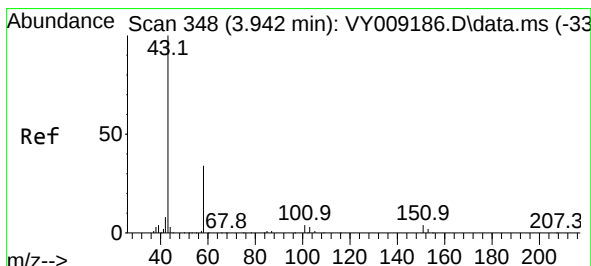
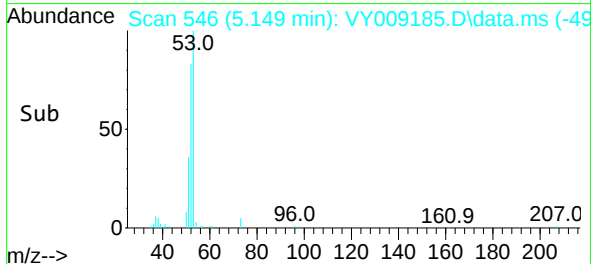
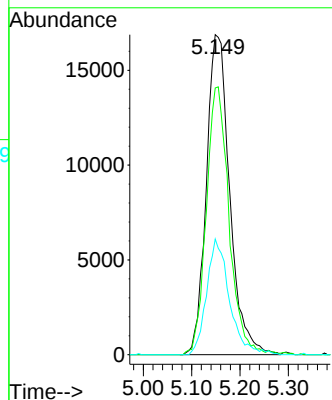
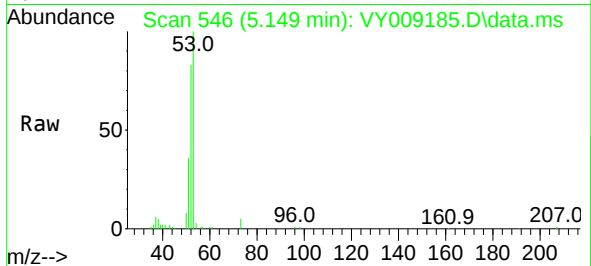




#15
Acrylonitrile
Concen: 110.771 ug/l
RT: 5.149 min Scan# 546
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

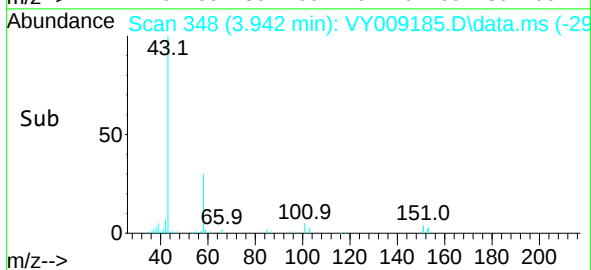
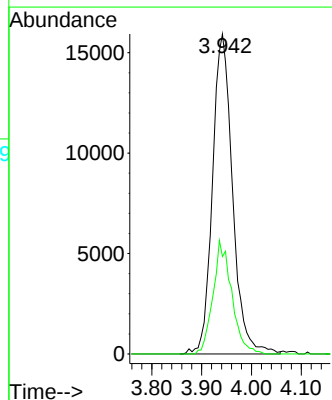
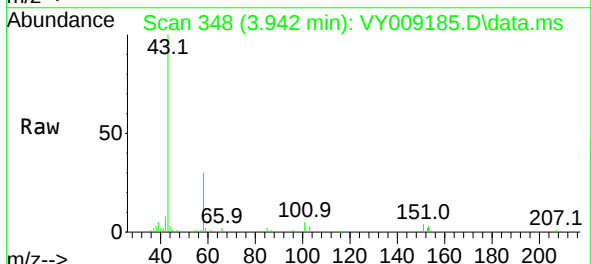
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

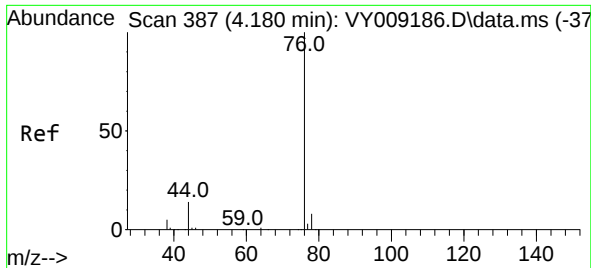
Tgt Ion: 53	Resp: 56668
Ion Ratio	Lower Upper
53 100	
52 81.2	67.0 100.4
51 35.3	29.8 44.6



#16
Acetone
Concen: 116.942 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

Tgt Ion: 43	Resp: 44517
Ion Ratio	Lower Upper
43 100	
58 30.5	22.0 33.0

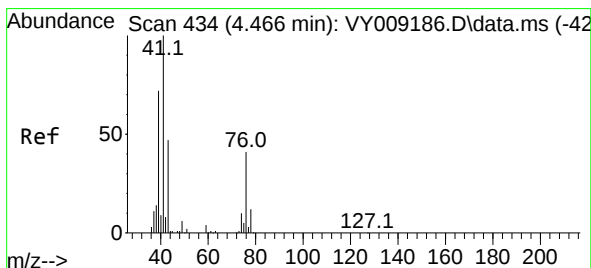
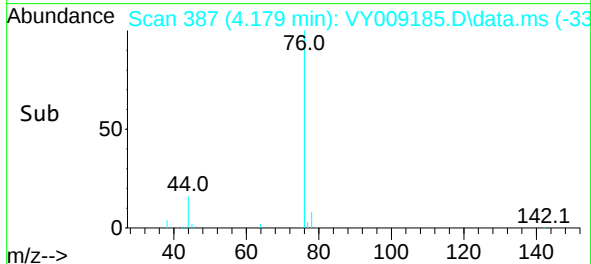
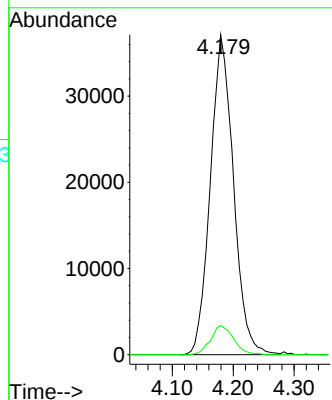
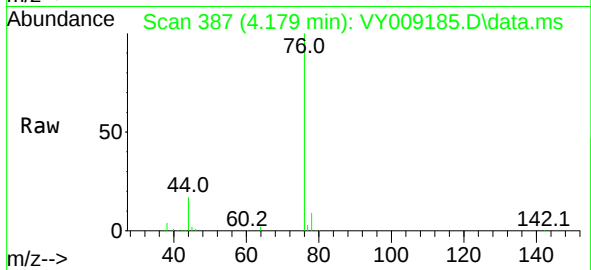




#17
Carbon Disulfide
Concen: 18.772 ug/l
RT: 4.179 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

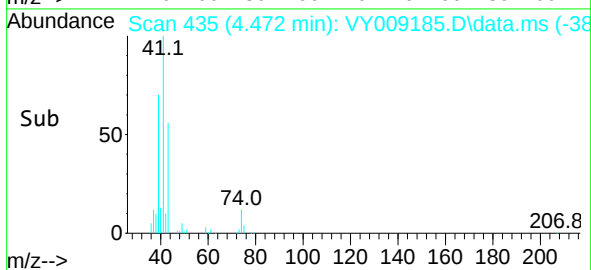
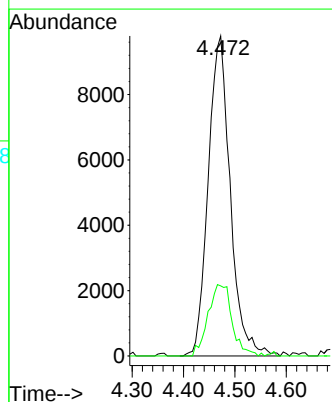
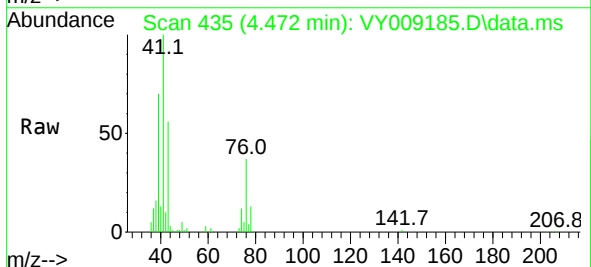
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

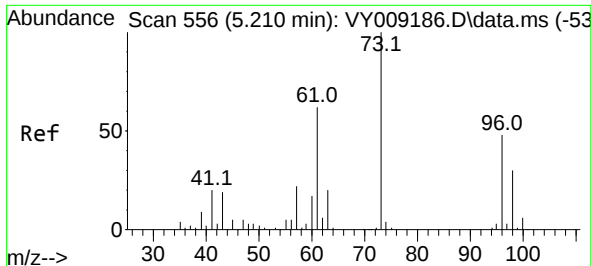
Tgt Ion: 76 Resp: 97832
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 24.759 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

Tgt Ion: 43 Resp: 29176
Ion Ratio Lower Upper
43 100
74 24.2 16.6 24.8

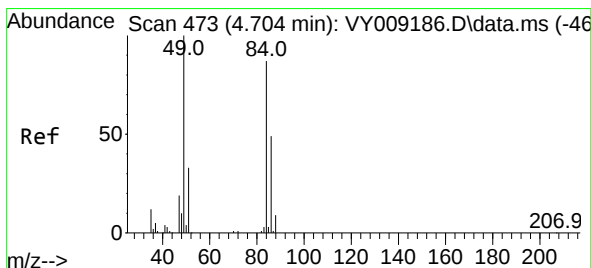
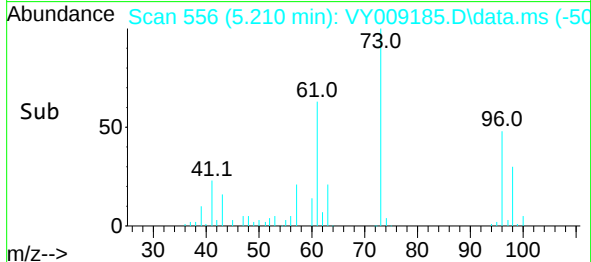
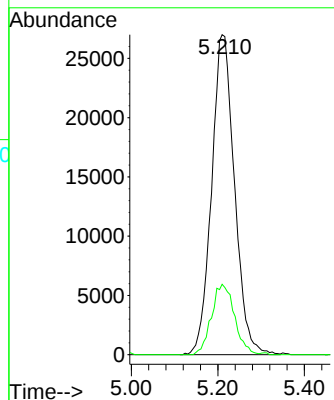
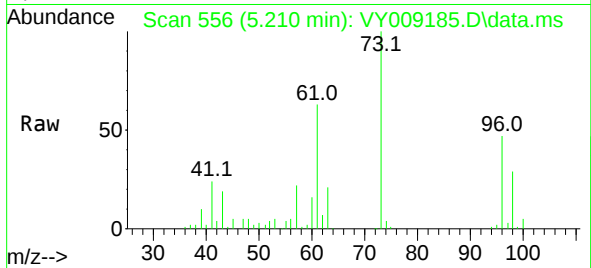




#19
Methyl tert-butyl Ether
Concen: 20.239 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

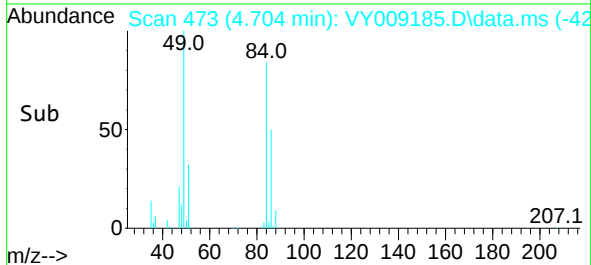
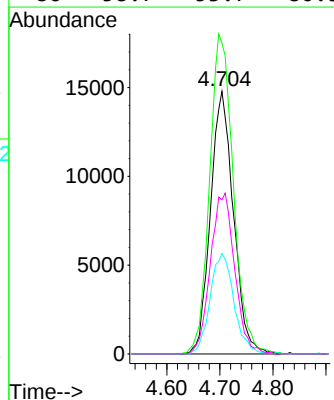
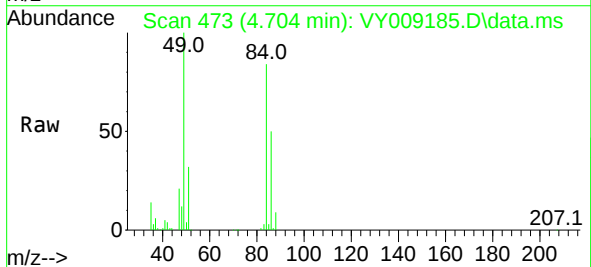
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

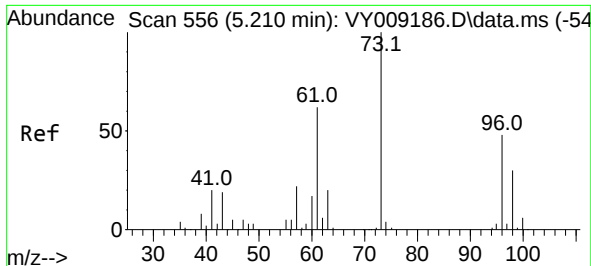
Tgt Ion: 73 Resp: 99325
Ion Ratio Lower Upper
73 100
57 22.0 18.6 27.8



#20
Methylene Chloride
Concen: 16.387 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

Tgt Ion: 84 Resp: 44532
Ion Ratio Lower Upper
84 100
49 118.4 114.4 171.6
51 38.3 35.3 52.9
86 58.7 53.7 80.5

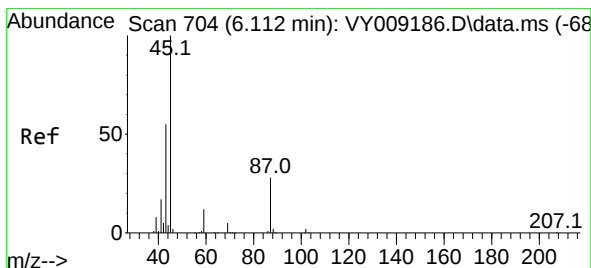
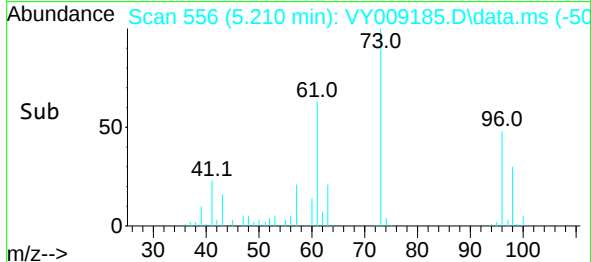
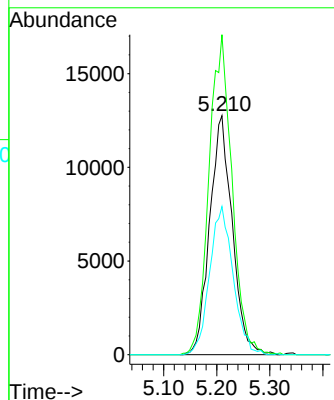
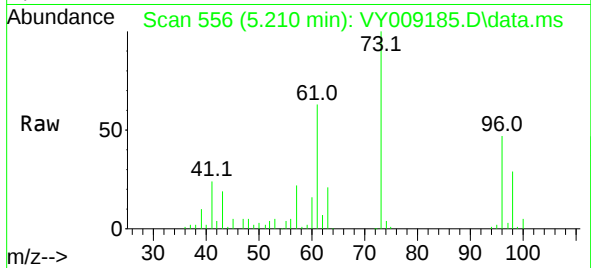




#21
trans-1,2-Dichloroethene
Concen: 18.109 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

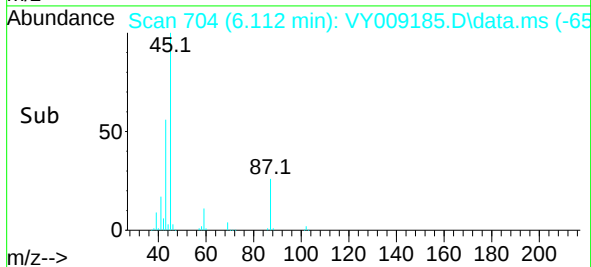
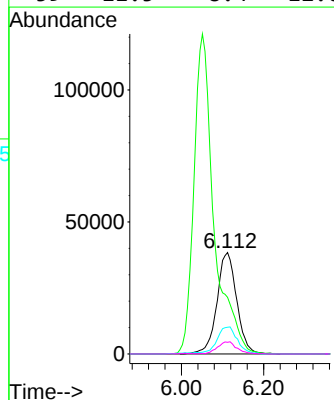
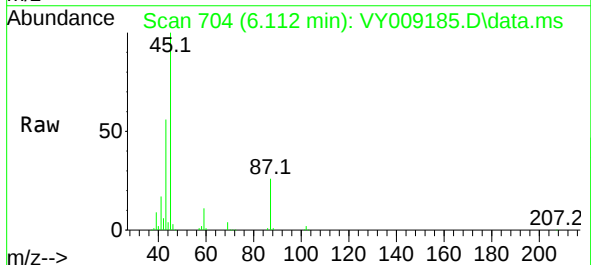
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

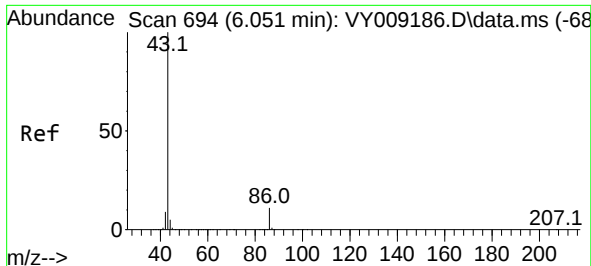
Tgt Ion: 96 Resp: 37752
Ion Ratio Lower Upper
96 100
61 133.8 120.5 180.7
98 62.0 49.8 74.8



#22
Diisopropyl ether
Concen: 21.527 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

Tgt Ion: 45 Resp: 128024
Ion Ratio Lower Upper
45 100
43 55.5 49.3 73.9
87 26.4 19.2 28.8
59 11.5 8.4 12.6

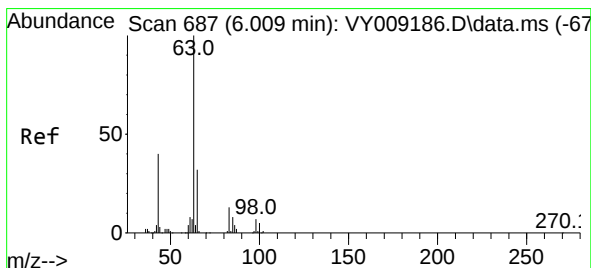
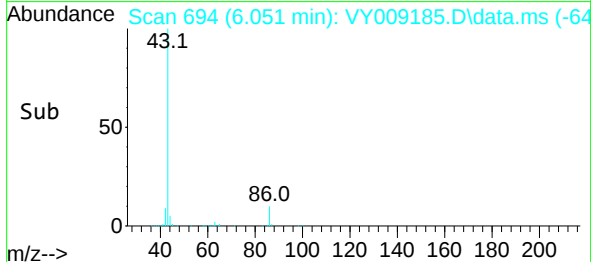
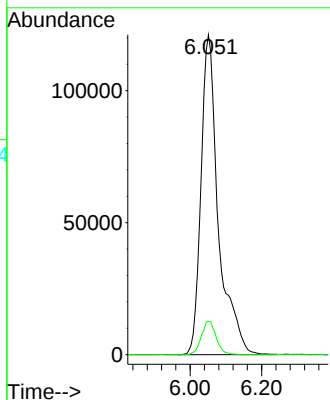
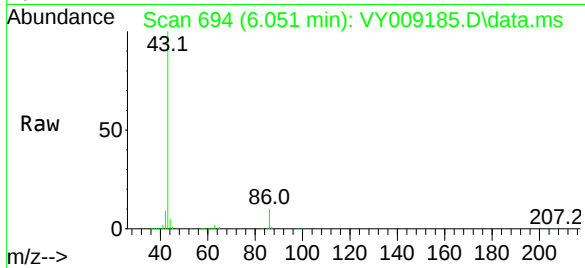




#23
 Vinyl Acetate
 Concen: 104.523 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VY009185.D
 Acq: 15 Jun 2022 14:26

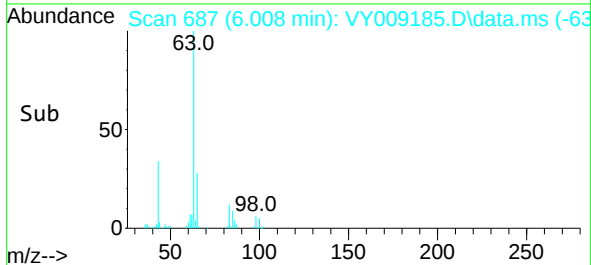
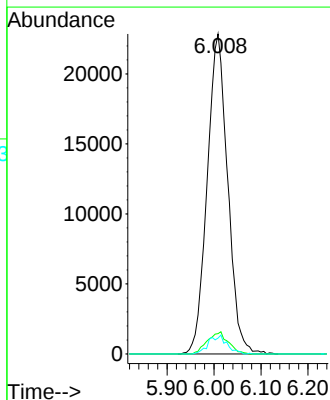
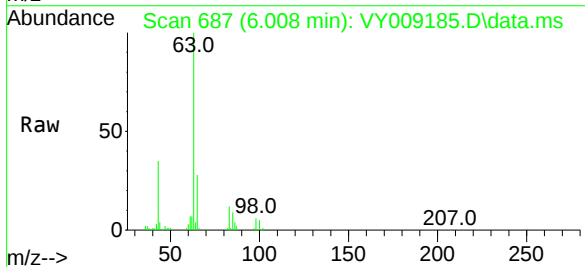
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

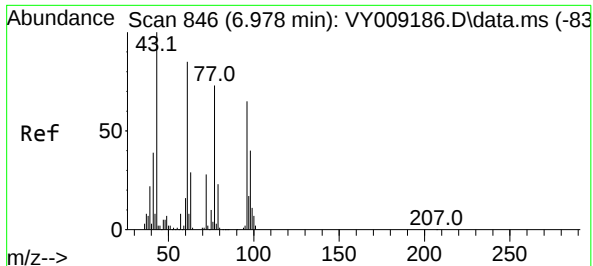
Tgt Ion: 43 Resp: 408954
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 19.654 ug/l
 RT: 6.008 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY009185.D
 Acq: 15 Jun 2022 14:26

Tgt Ion: 63 Resp: 69296
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.6 10.8
 100 4.9 2.0 5.8

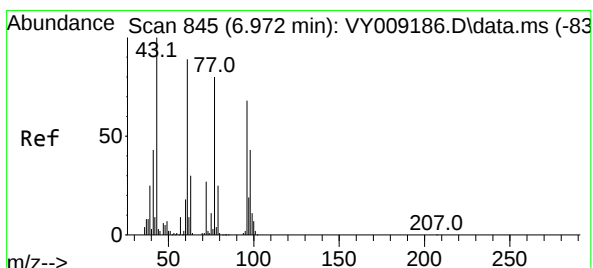
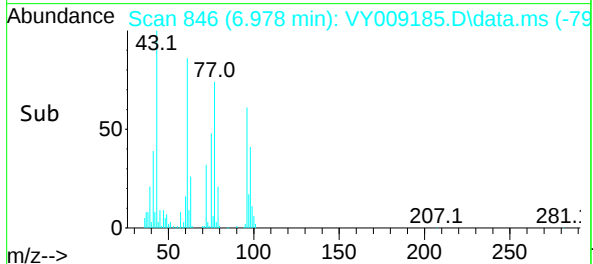
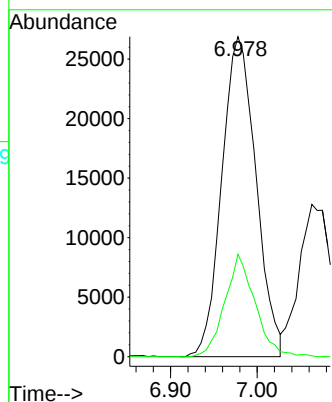
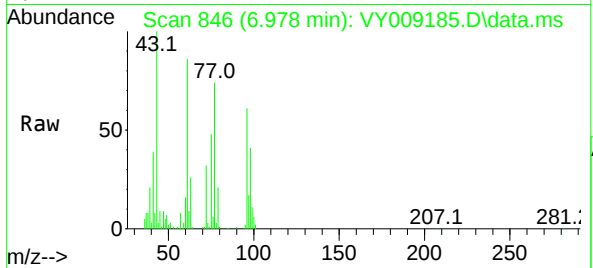




#25
2-Butanone
Concen: 109.891 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

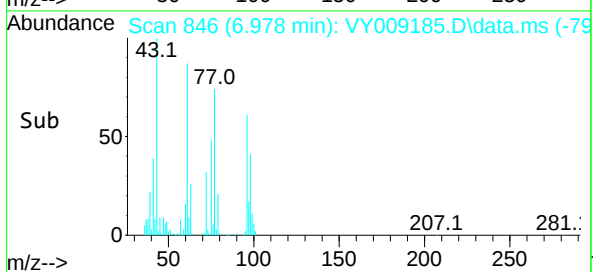
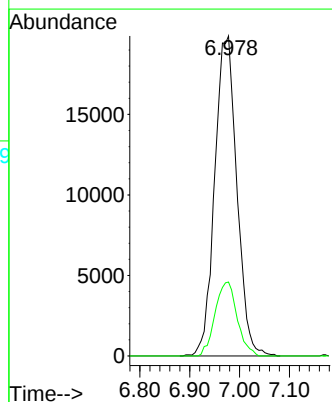
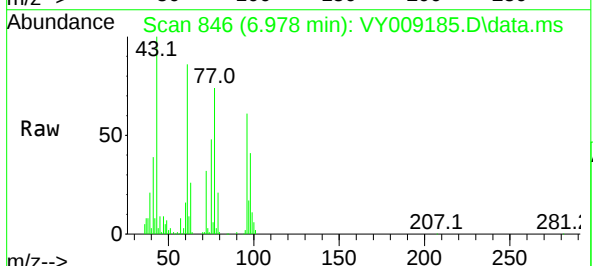
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

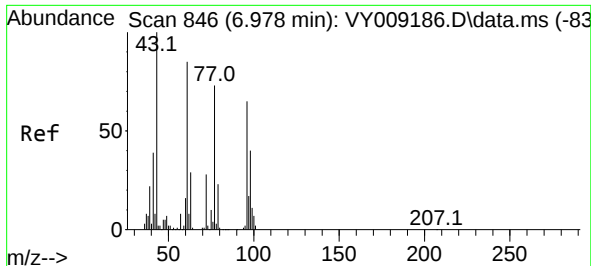
Tgt Ion: 43 Resp: 73725
Ion Ratio Lower Upper
43 100
72 32.0 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 19.050 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

Tgt Ion: 77 Resp: 61266
Ion Ratio Lower Upper
77 100
97 23.0 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 18.943 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY009185.D

Acq: 15 Jun 2022 14:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

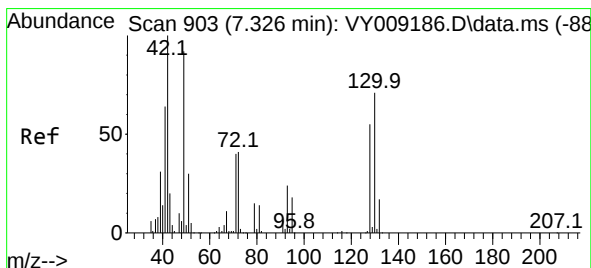
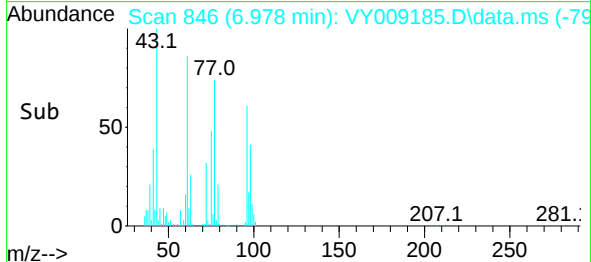
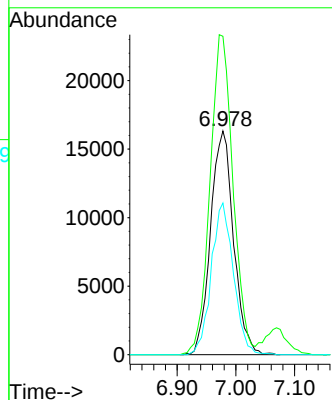
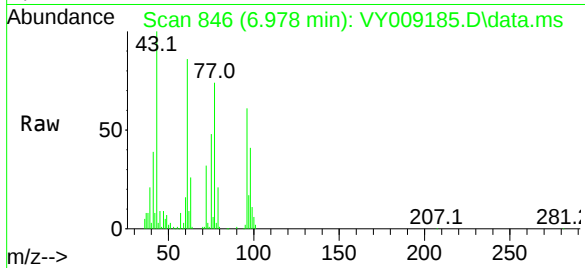
Tgt Ion: 96 Resp: 44467

Ion Ratio Lower Upper

96 100

61 142.6 0.0 319.8

98 65.3 0.0 127.0



#28

Bromochloromethane

Concen: 22.810 ug/l

RT: 7.331 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY009185.D

Acq: 15 Jun 2022 14:26

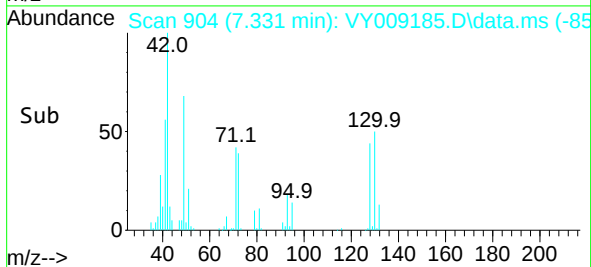
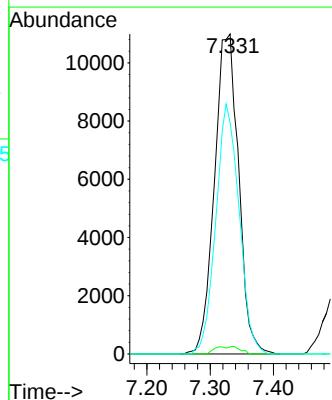
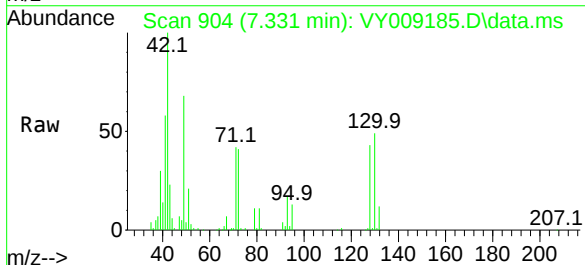
Tgt Ion: 49 Resp: 29082

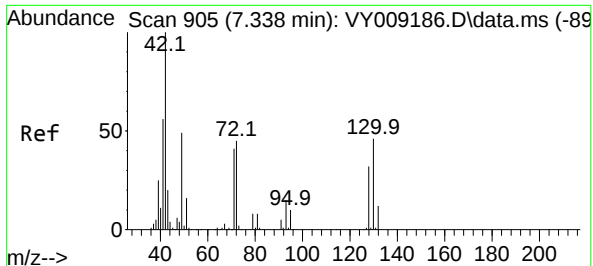
Ion Ratio Lower Upper

49 100

129 1.2 0.0 2.2

130 75.4 55.4 83.0





#29

Tetrahydrofuran

Concen: 109.718 ug/l

RT: 7.337 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY009185.D

Acq: 15 Jun 2022 14:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

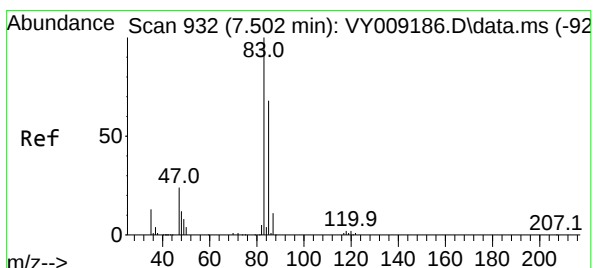
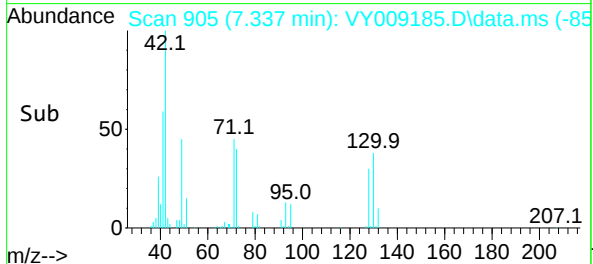
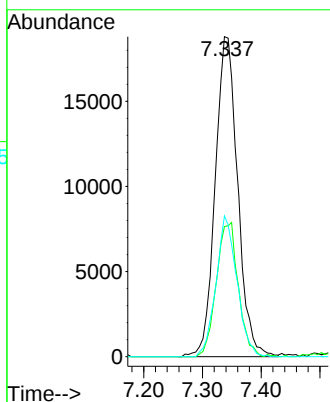
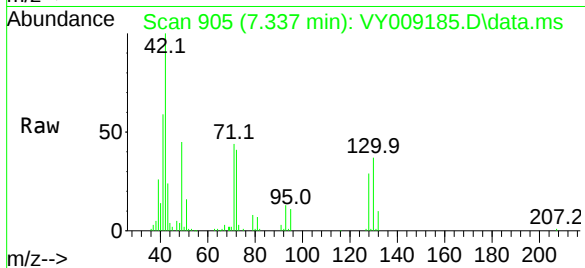
Tgt Ion: 42 Resp: 49940

Ion Ratio Lower Upper

42 100

72 40.9 30.3 45.5

71 40.9 29.0 43.4



#30

Chloroform

Concen: 18.638 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY009185.D

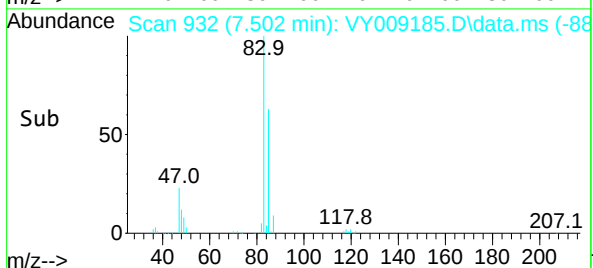
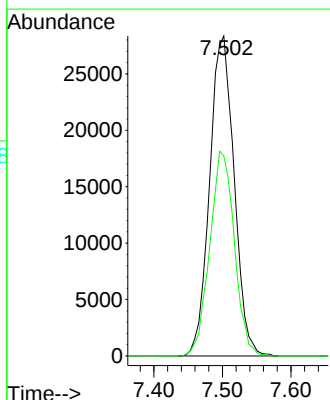
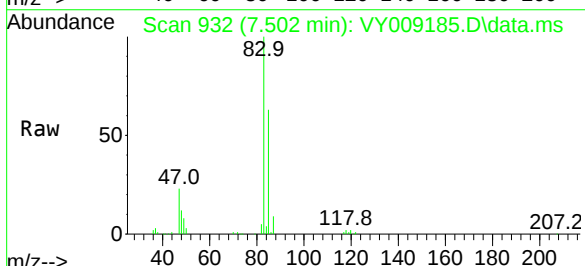
Acq: 15 Jun 2022 14:26

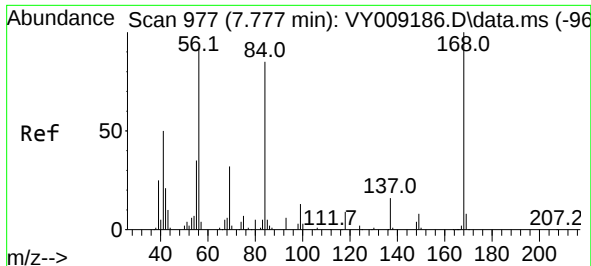
Tgt Ion: 83 Resp: 70377

Ion Ratio Lower Upper

83 100

85 62.5 51.8 77.6

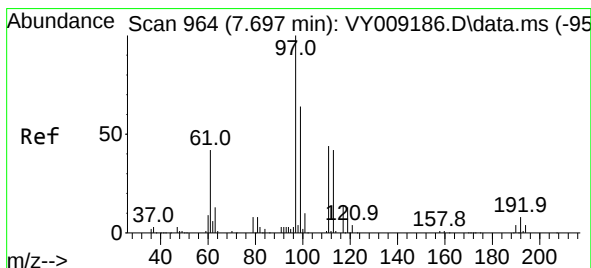
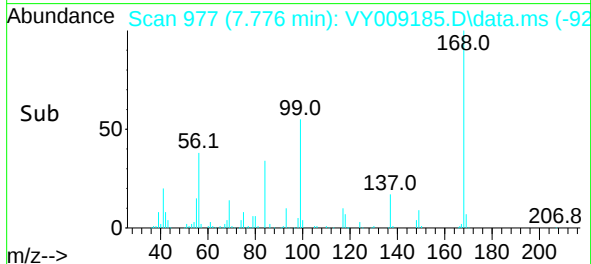
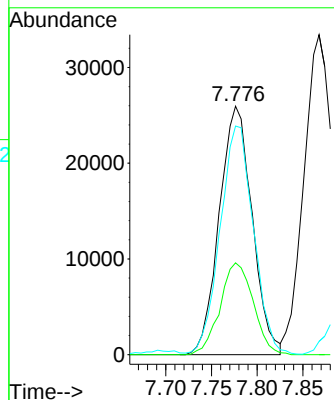
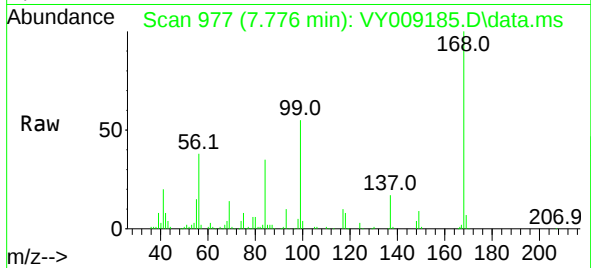




#31
Cyclohexane
Concen: 18.810 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

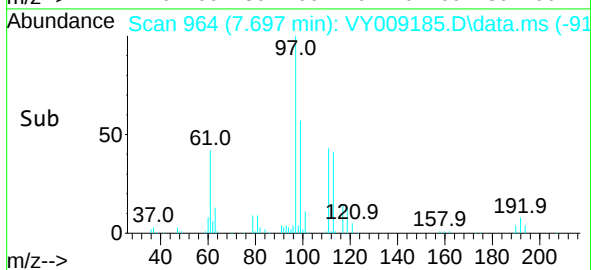
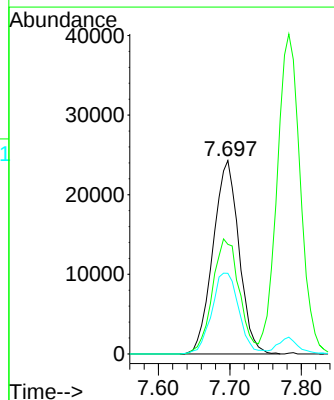
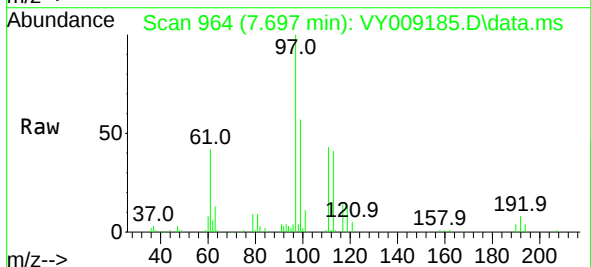
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

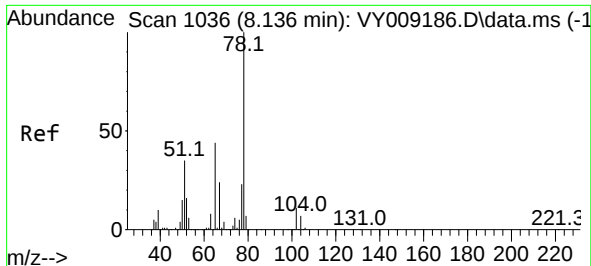
Tgt Ion: 56 Resp: 64990
Ion Ratio Lower Upper
56 100
69 37.0 26.7 40.1
84 91.3 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 18.042 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

Tgt Ion: 97 Resp: 61306
Ion Ratio Lower Upper
97 100
99 61.8 50.7 76.1
61 43.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 19.597 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY009185.D

Acq: 15 Jun 2022 14:26

Instrument :

MSVOA_Y

ClientSampleId :

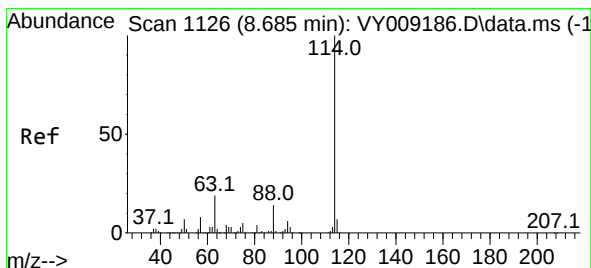
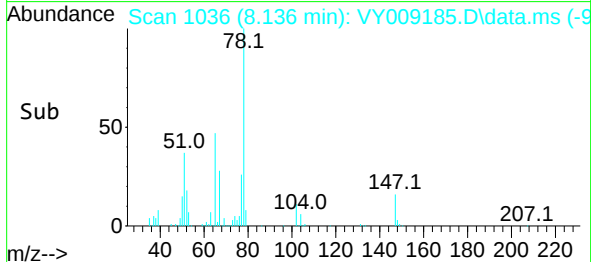
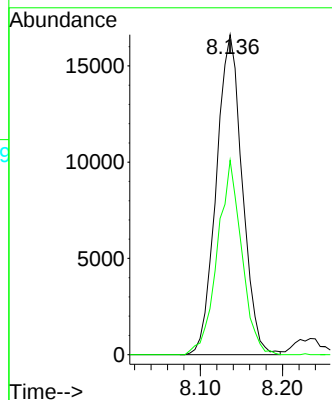
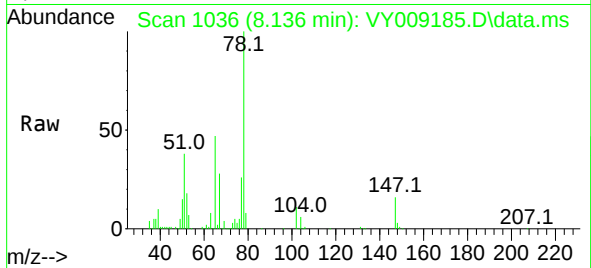
VSTDIC020

Tgt Ion: 65 Resp: 36585

Ion Ratio Lower Upper

65 100

67 57.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009185.D

Acq: 15 Jun 2022 14:26

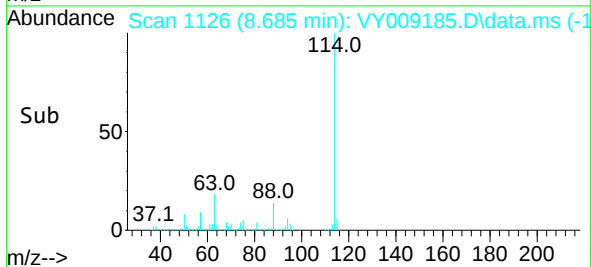
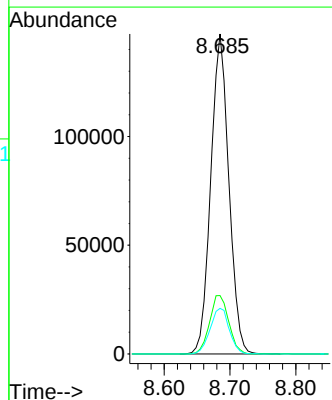
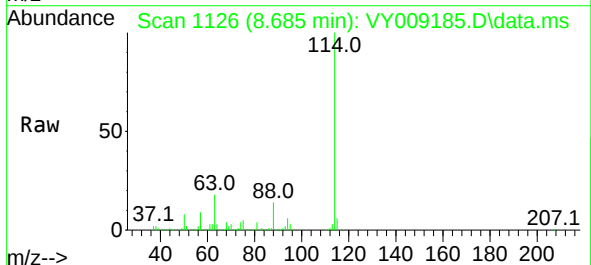
Tgt Ion: 114 Resp: 281147

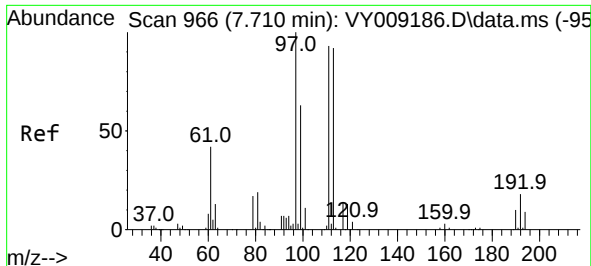
Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 14.3 0.0 31.8

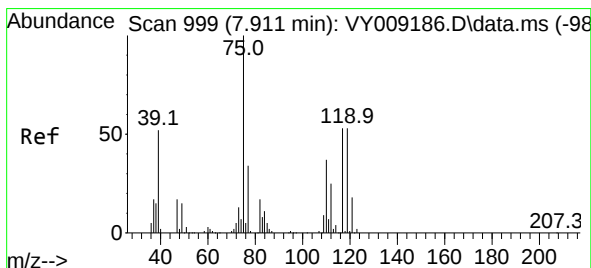
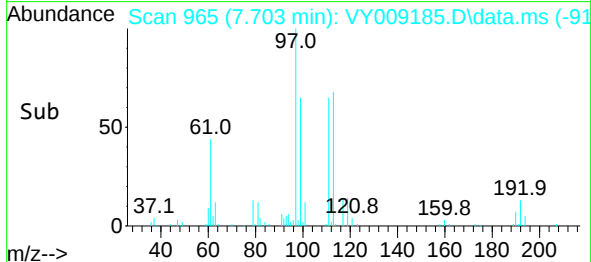
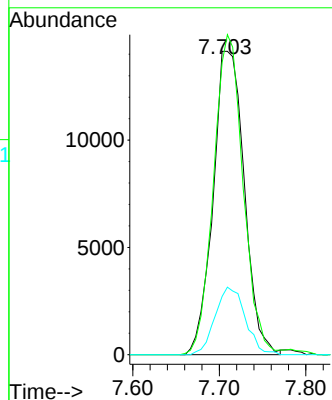
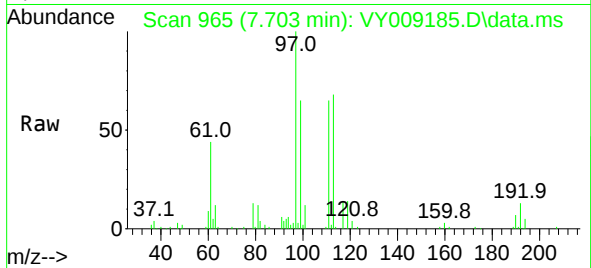




#35
Dibromofluoromethane
Concen: 19.504 ug/l
RT: 7.703 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

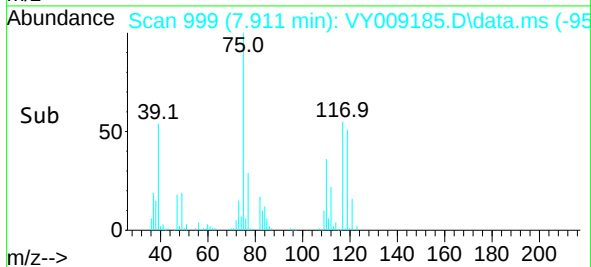
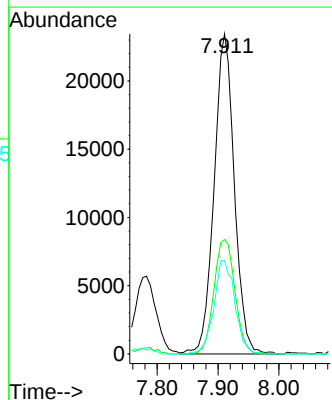
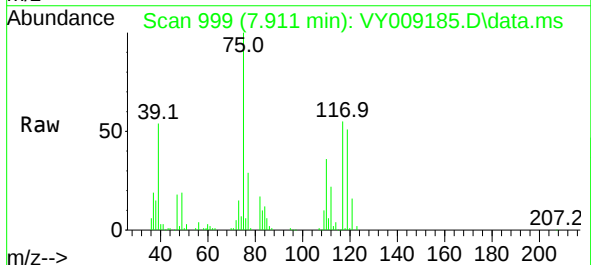
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

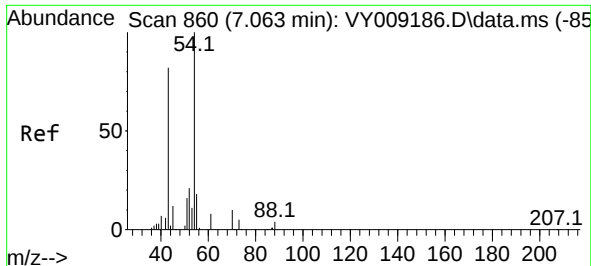
Tgt Ion:113 Resp: 35446
Ion Ratio Lower Upper
113 100
111 99.8 82.6 124.0
192 21.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 18.369 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

Tgt Ion: 75 Resp: 54025
Ion Ratio Lower Upper
75 100
110 37.4 17.1 51.2
77 30.2 24.4 36.6





#37

Ethyl Acetate

Concen: 22.919 ug/l

RT: 7.063 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY009185.D

Acq: 15 Jun 2022 14:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

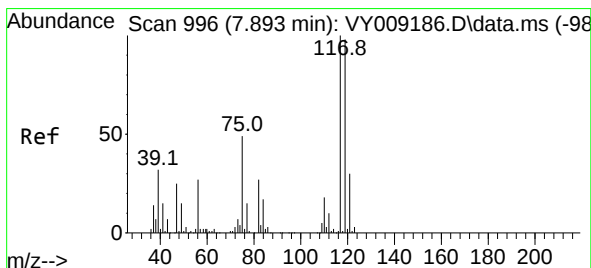
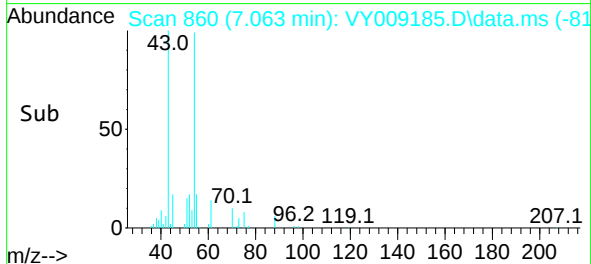
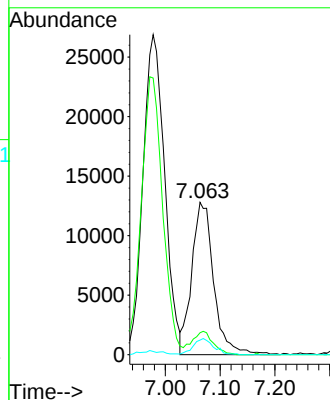
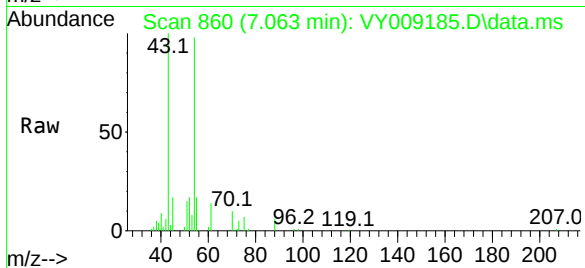
Tgt Ion: 43 Resp: 35670

Ion Ratio Lower Upper

43 100

61 14.6 9.7 14.5#

70 9.8 7.1 10.7



#38

Carbon Tetrachloride

Concen: 18.341 ug/l

RT: 7.886 min Scan# 995

Delta R.T. -0.006 min

Lab File: VY009185.D

Acq: 15 Jun 2022 14:26

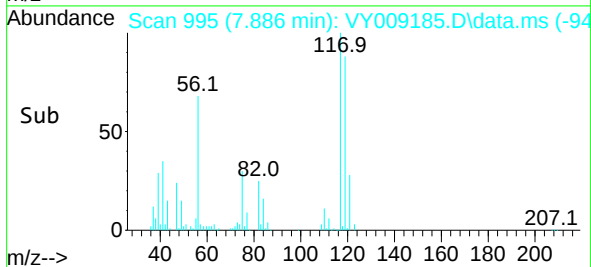
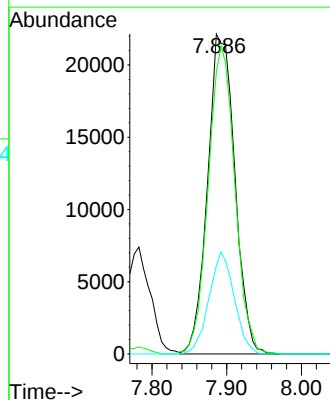
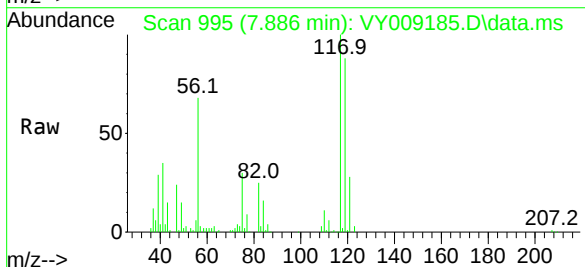
Tgt Ion: 117 Resp: 56149

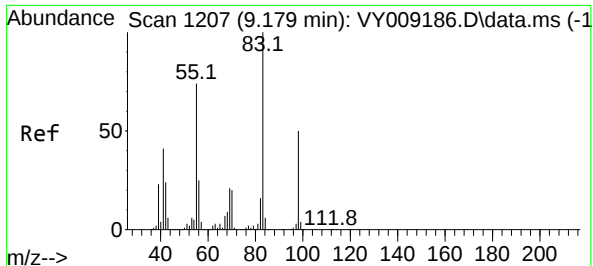
Ion Ratio Lower Upper

117 100

119 88.0 77.9 116.9

121 27.6 24.8 37.2





#39

Methylcyclohexane

Concen: 18.118 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009185.D

Acq: 15 Jun 2022 14:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

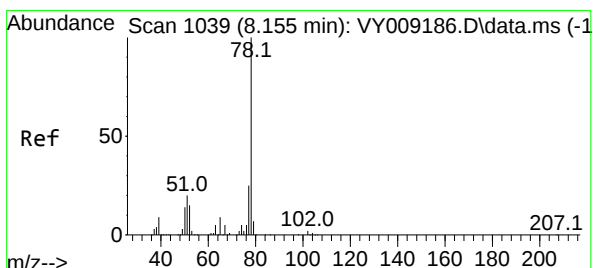
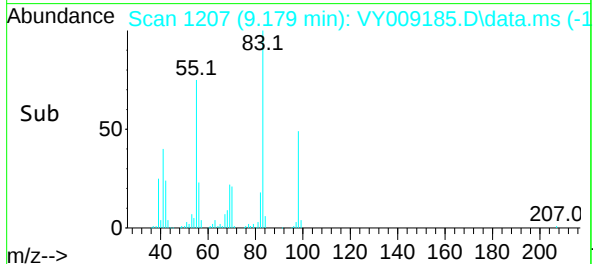
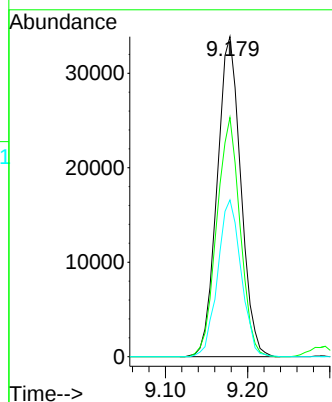
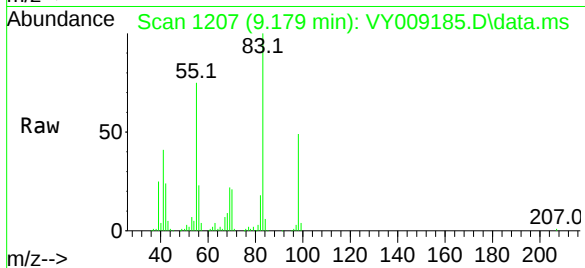
Tgt Ion: 83 Resp: 67701

Ion Ratio Lower Upper

83 100

55 74.8 66.5 99.7

98 49.0 37.9 56.9



#40

Benzene

Concen: 19.045 ug/l

RT: 8.148 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY009185.D

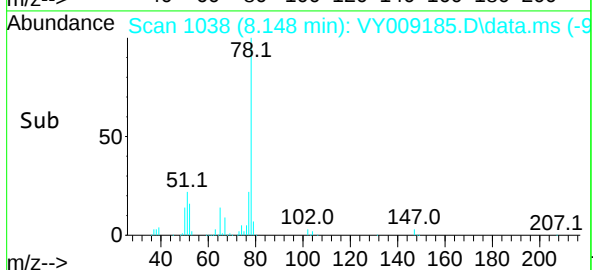
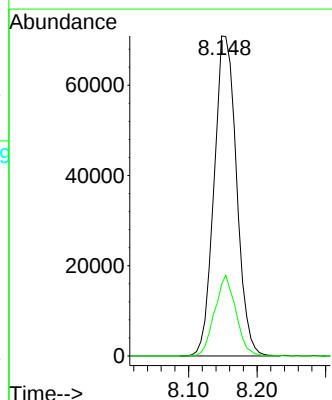
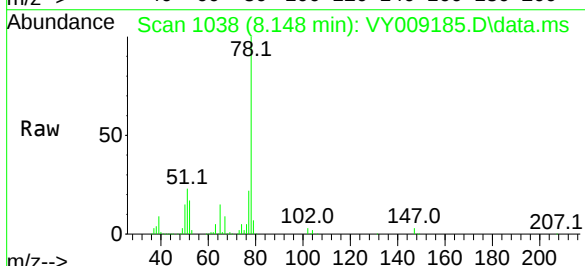
Acq: 15 Jun 2022 14:26

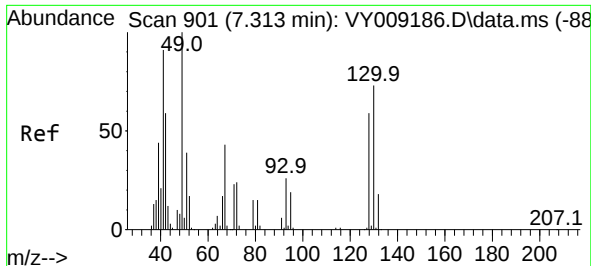
Tgt Ion: 78 Resp: 161123

Ion Ratio Lower Upper

78 100

77 22.4 20.4 30.6

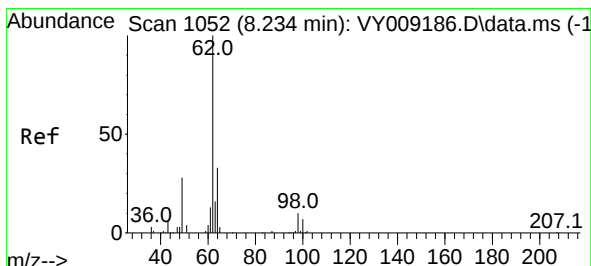
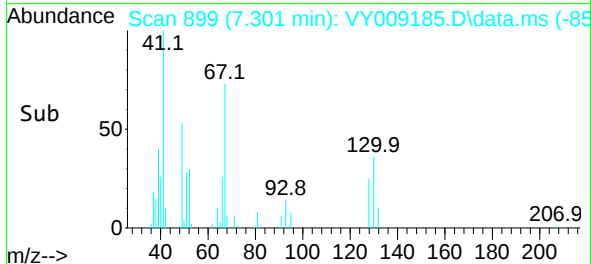
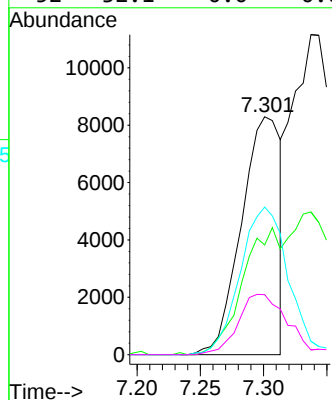
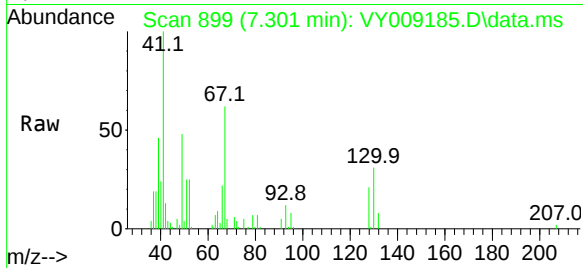




#41
Methacrylonitrile
Concen: 22.237 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.013 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

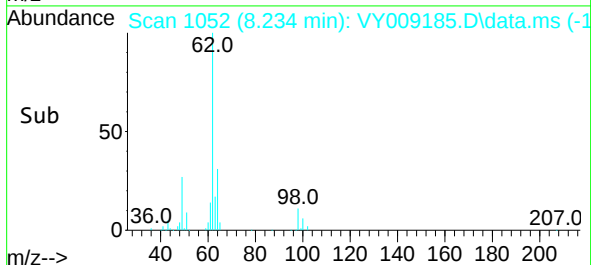
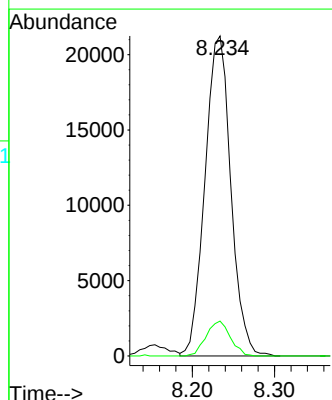
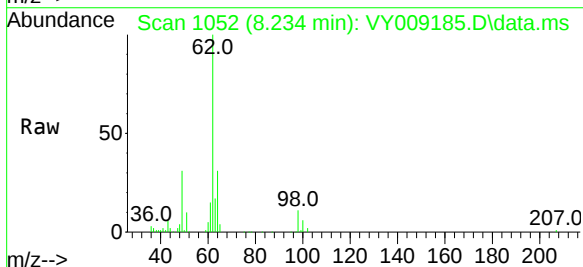
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

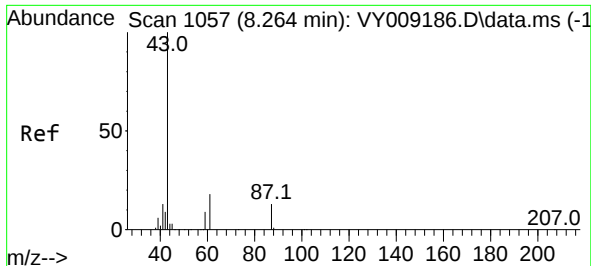
Tgt Ion: 41 Resp: 17882
Ion Ratio Lower Upper
41 100
39 51.6 92.9 139.3#
67 76.8 0.0 0.0#
52 32.1 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 18.747 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

Tgt Ion: 62 Resp: 46451
Ion Ratio Lower Upper
62 100
98 10.2 0.0 14.8

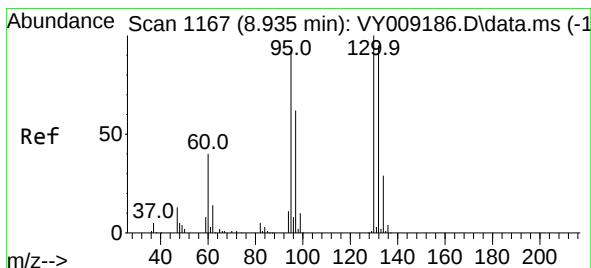
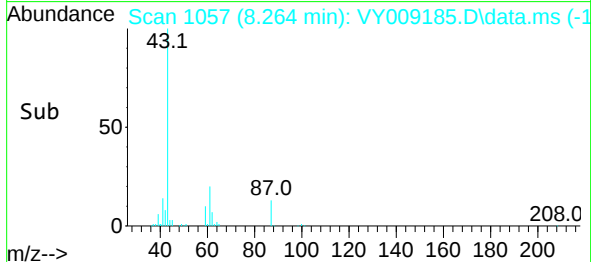
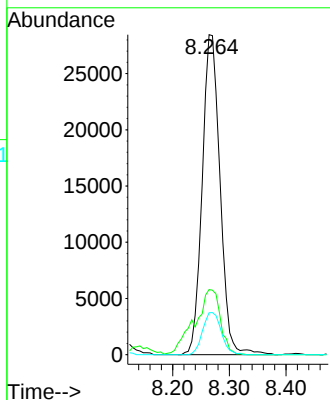
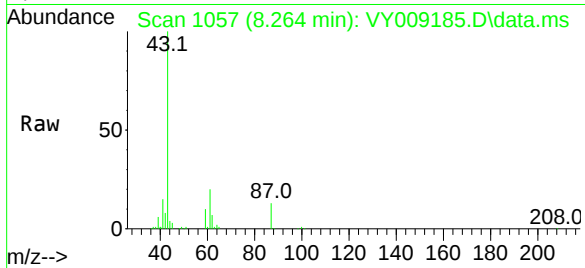




#43
Isopropyl Acetate
Concen: 21.652 ug/l
RT: 8.264 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

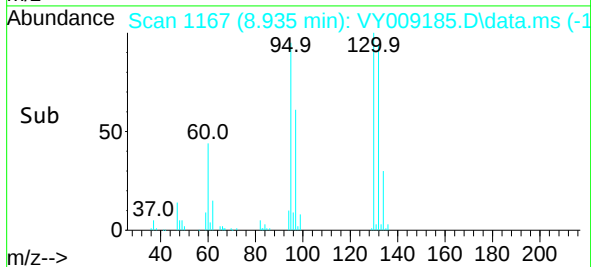
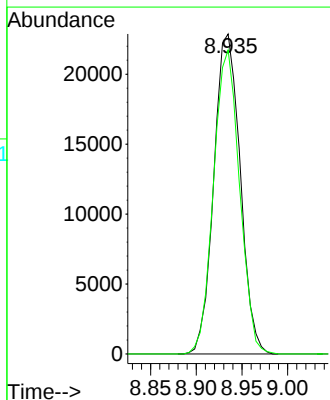
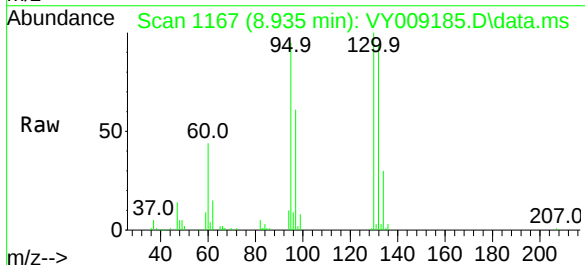
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

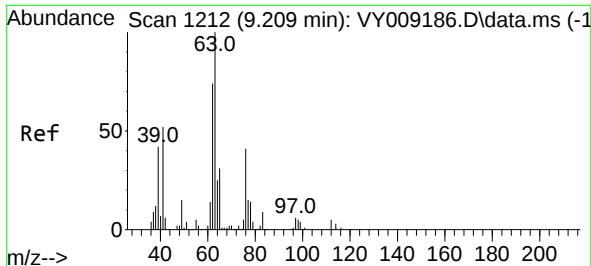
Tgt Ion: 43 Resp: 62236
Ion Ratio Lower Upper
43 100
61 29.4 20.2 30.2
87 13.7 8.9 13.3#



#44
Trichloroethene
Concen: 20.184 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

Tgt Ion:130 Resp: 45757
Ion Ratio Lower Upper
130 100
95 95.0 0.0 188.2





#45

1,2-Dichloropropane

Concen: 20.311 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY009185.D

Acq: 15 Jun 2022 14:26

Instrument :

MSVOA_Y

ClientSampleId :

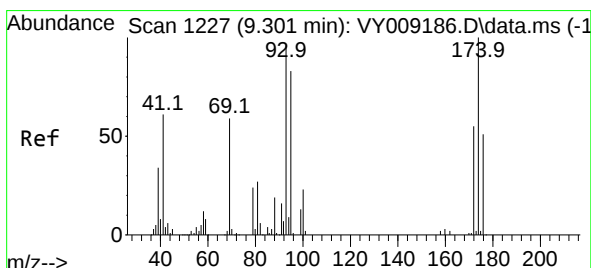
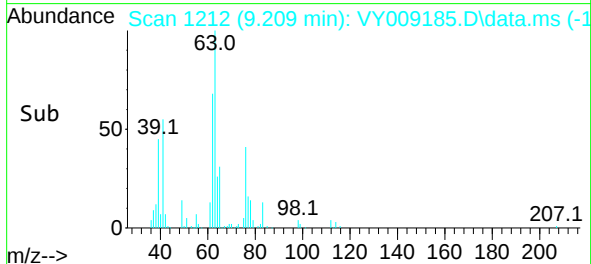
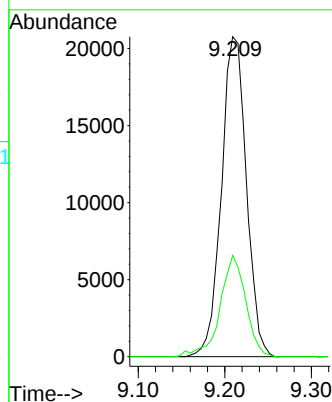
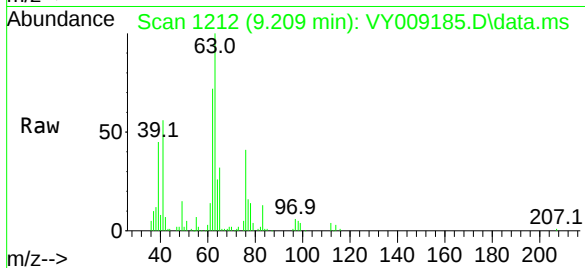
VSTDIC020

Tgt Ion: 63 Resp: 41599

Ion Ratio Lower Upper

63 100

65 31.6 23.0 34.6



#46

Dibromomethane

Concen: 18.554 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009185.D

Acq: 15 Jun 2022 14:26

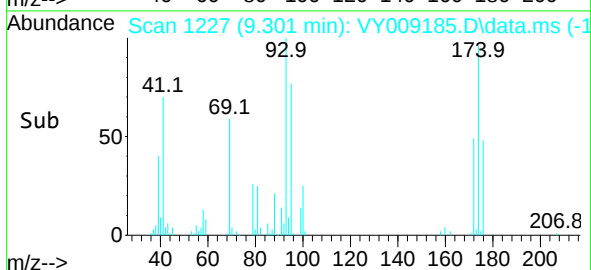
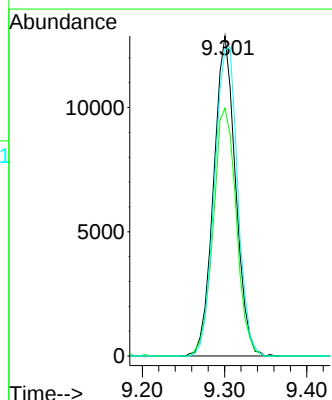
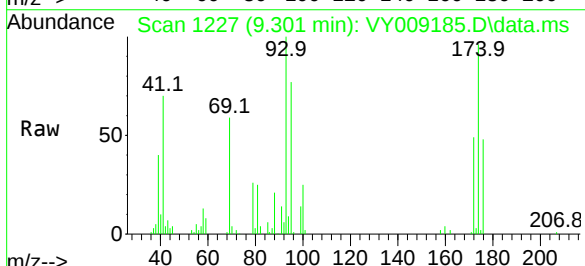
Tgt Ion: 93 Resp: 23801

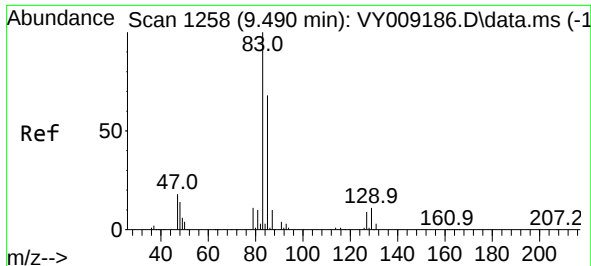
Ion Ratio Lower Upper

93 100

95 81.3 64.3 96.5

174 101.7 83.4 125.0

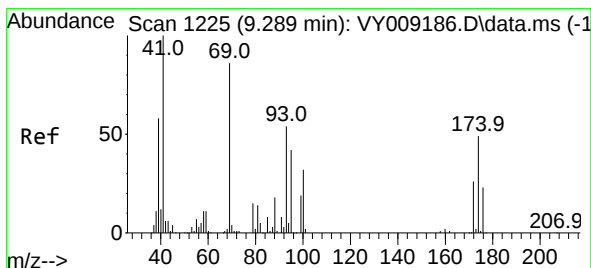
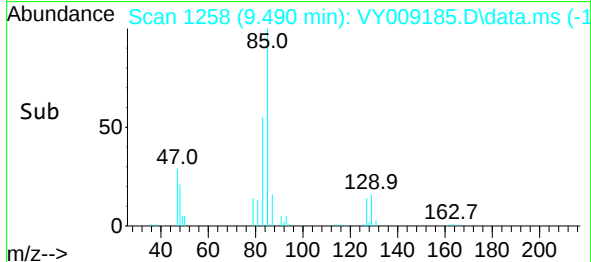
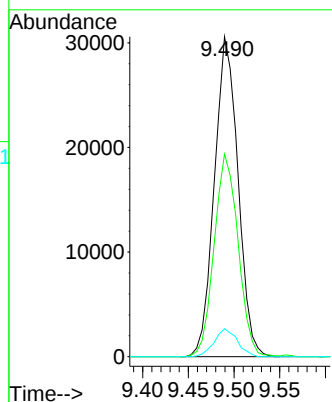
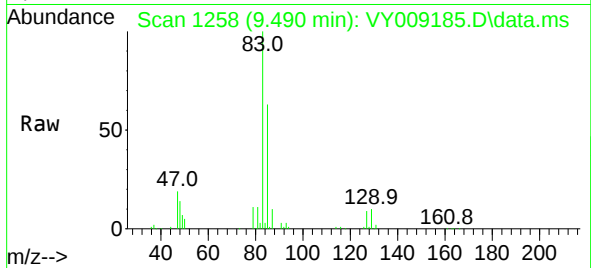




#47
Bromodichloromethane
Concen: 18.634 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

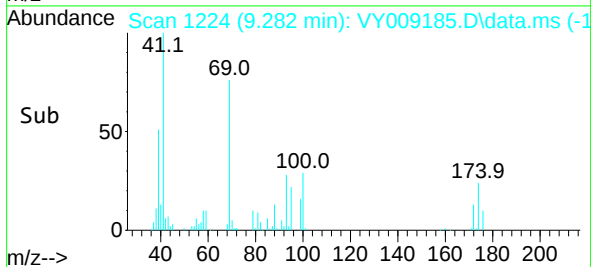
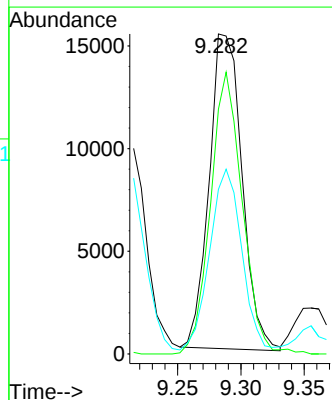
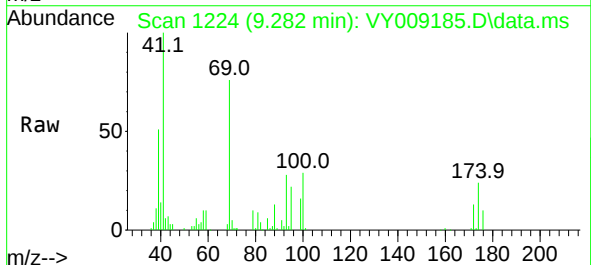
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

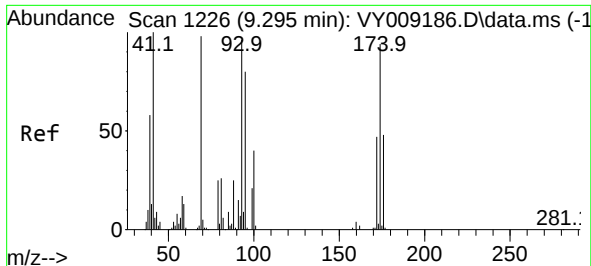
Tgt Ion: 83 Resp: 54988
Ion Ratio Lower Upper
83 100
85 63.4 51.9 77.9
127 8.8 6.6 10.0



#48
Methyl methacrylate
Concen: 21.584 ug/l
RT: 9.282 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

Tgt Ion: 41 Resp: 27701
Ion Ratio Lower Upper
41 100
69 86.5 58.2 87.2
39 58.6 47.4 71.0





#49

1,4-Dioxane

Concen: 395.067 ug/l

RT: 9.294 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009185.D

Acq: 15 Jun 2022 14:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

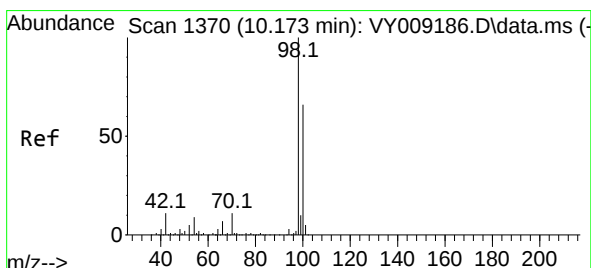
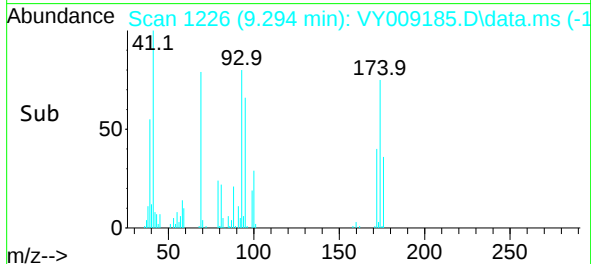
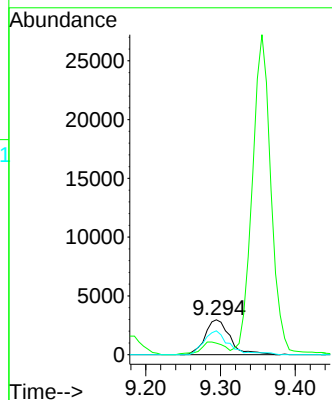
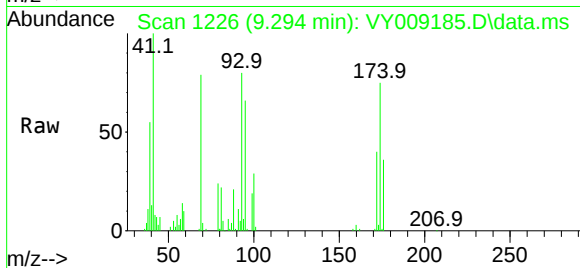
Tgt Ion: 88 Resp: 6867

Ion Ratio Lower Upper

88 100

43 34.4 32.8 49.2

58 69.4 59.8 89.6



#50

Toluene-d8

Concen: 19.916 ug/l

RT: 10.172 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY009185.D

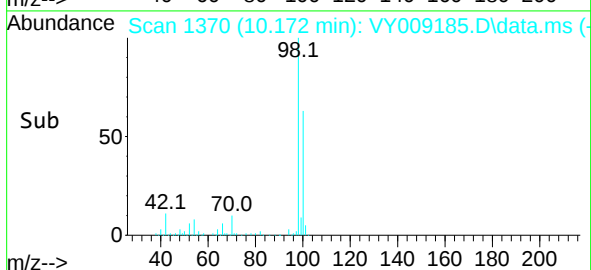
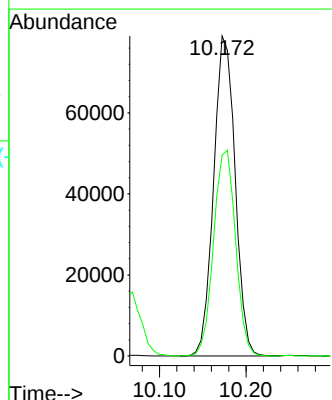
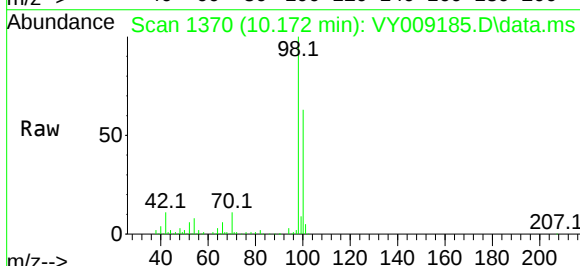
Acq: 15 Jun 2022 14:26

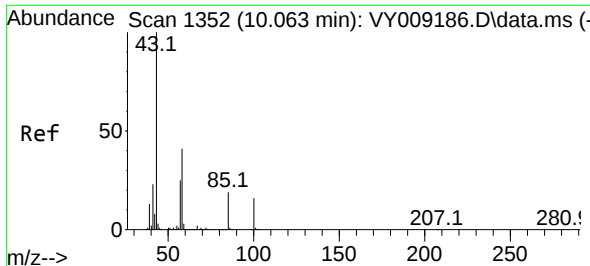
Tgt Ion: 98 Resp: 135972

Ion Ratio Lower Upper

98 100

100 66.0 50.2 75.2

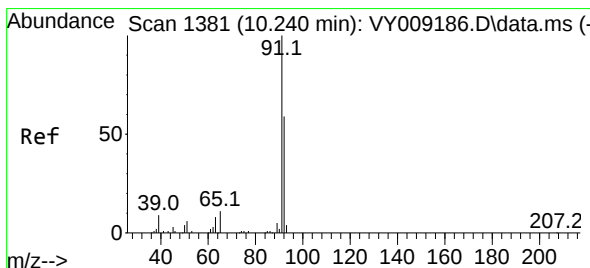
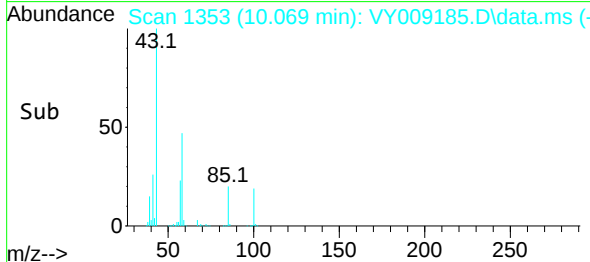
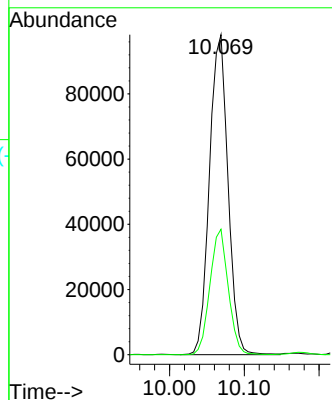
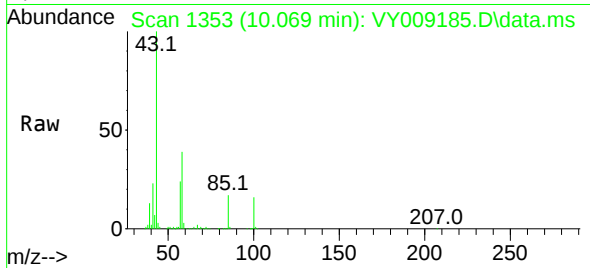




#51
4-Methyl-2-Pentanone
Concen: 108.063 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

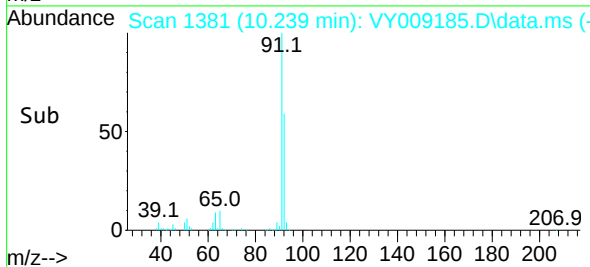
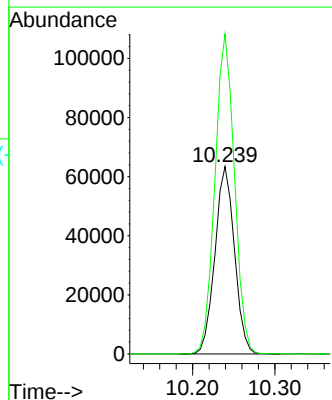
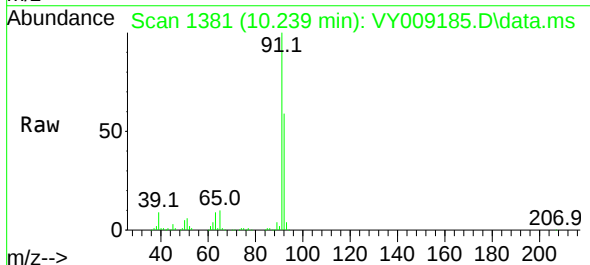
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

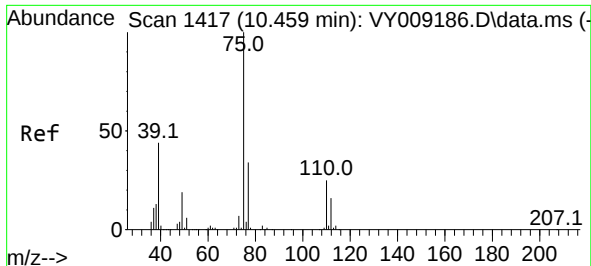
Tgt Ion: 43 Resp: 169145
Ion Ratio Lower Upper
43 100
58 38.7 28.1 42.1



#52
Toluene
Concen: 18.100 ug/l
RT: 10.239 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

Tgt Ion: 92 Resp: 104544
Ion Ratio Lower Upper
92 100
91 170.5 142.6 213.8

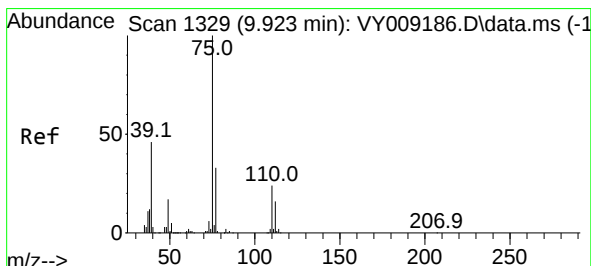
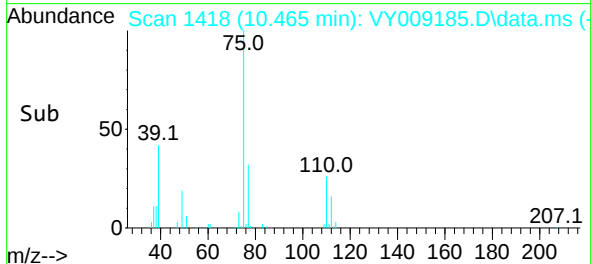
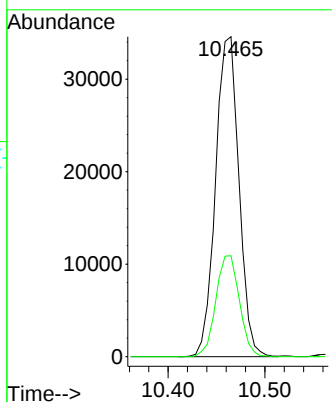
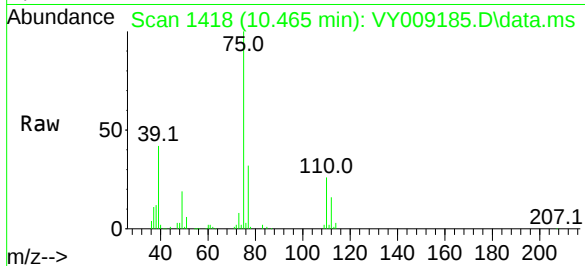




#53
 t-1,3-Dichloropropene
 Concen: 18.656 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY009185.D
 Acq: 15 Jun 2022 14:26

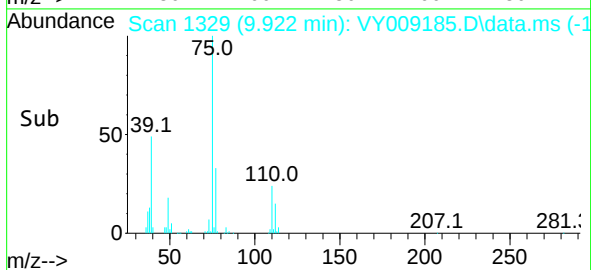
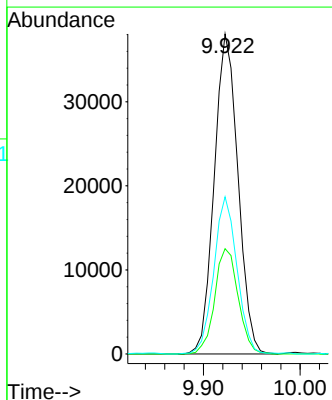
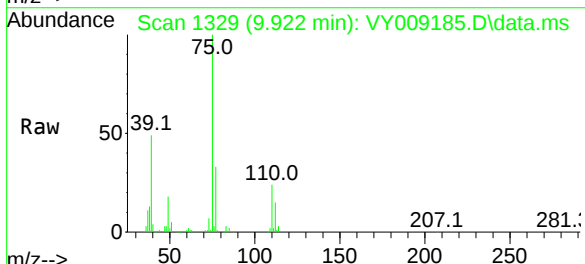
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

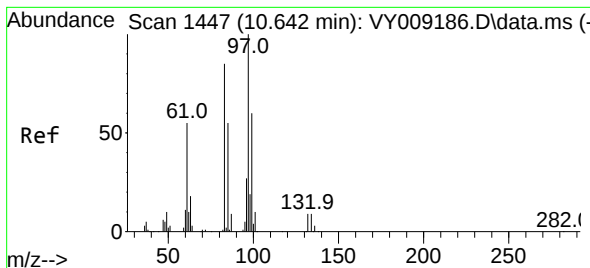
Tgt Ion: 75 Resp: 57914
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.120 ug/l
 RT: 9.922 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY009185.D
 Acq: 15 Jun 2022 14:26

Tgt Ion: 75 Resp: 64787
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.6 38.4
 39 49.1 47.6 71.4





#55

1,1,2-Trichloroethane

Concen: 18.590 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY009185.D

Acq: 15 Jun 2022 14:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 33367

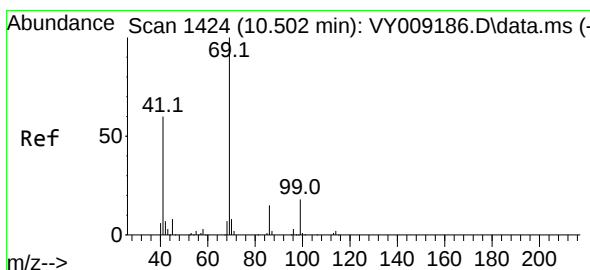
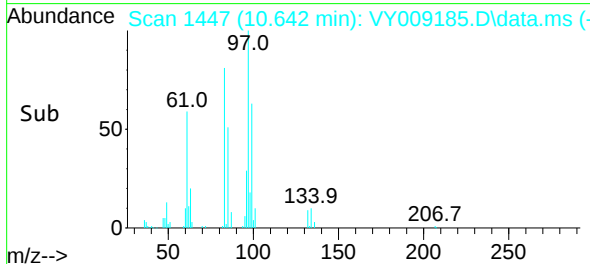
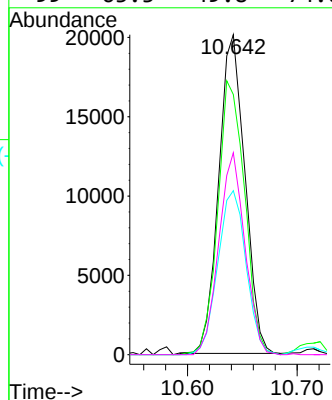
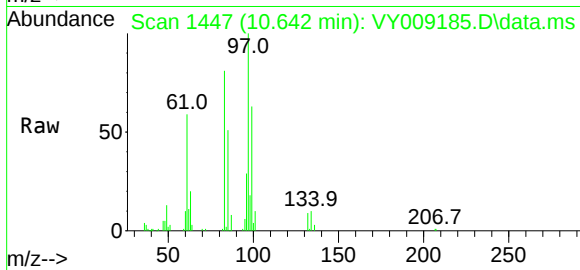
Ion Ratio Lower Upper

97 100

83 81.6 69.8 104.8

85 51.4 44.3 66.5

99 63.3 49.8 74.6



#56

Ethyl methacrylate

Concen: 20.357 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.006 min

Lab File: VY009185.D

Acq: 15 Jun 2022 14:26

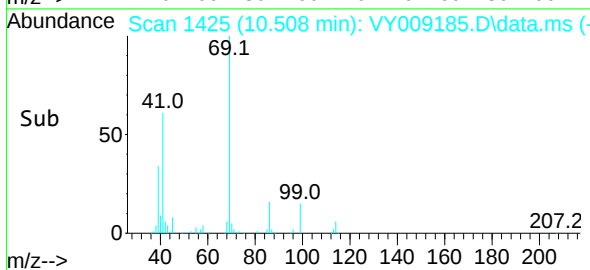
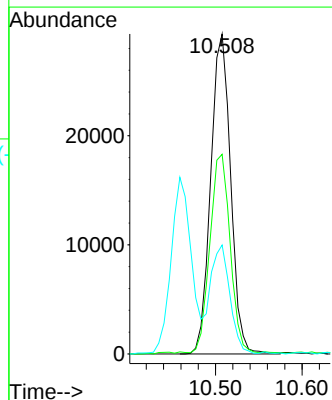
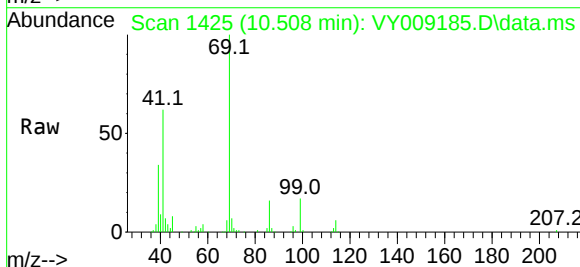
Tgt Ion: 69 Resp: 46884

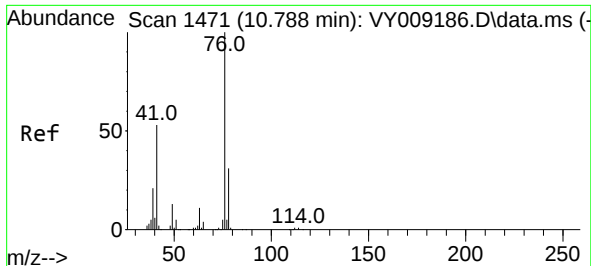
Ion Ratio Lower Upper

69 100

41 63.1 63.4 95.0#

39 33.6 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 19.769 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY009185.D

Acq: 15 Jun 2022 14:26

Instrument :

MSVOA_Y

ClientSampleId :

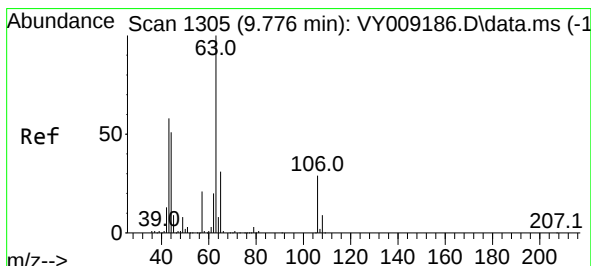
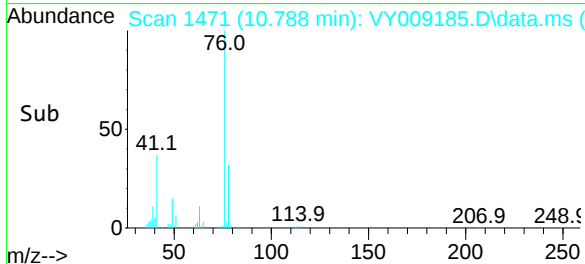
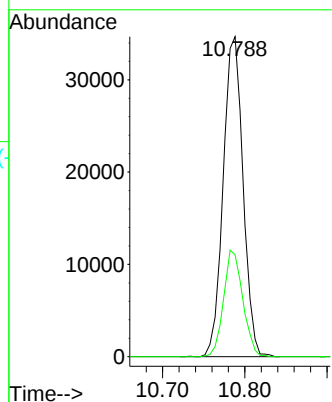
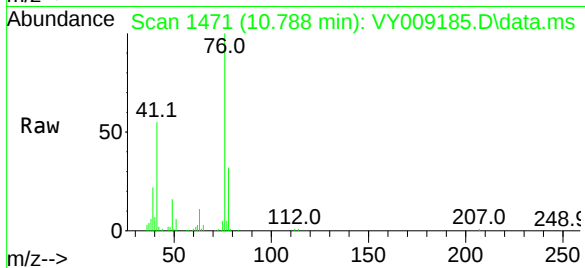
VSTDICC020

Tgt Ion: 76 Resp: 58194

Ion Ratio Lower Upper

76 100

78 32.1 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 100.086 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VY009185.D

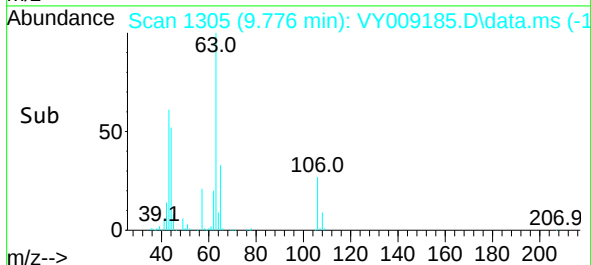
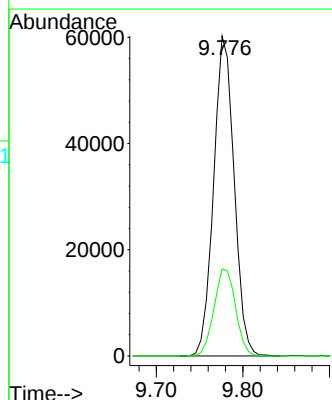
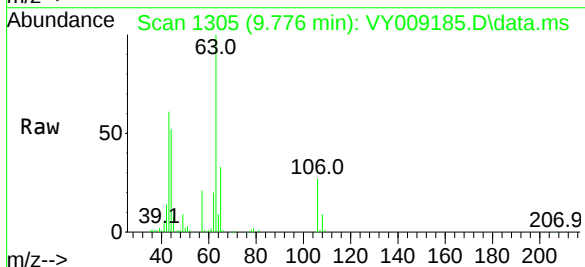
Acq: 15 Jun 2022 14:26

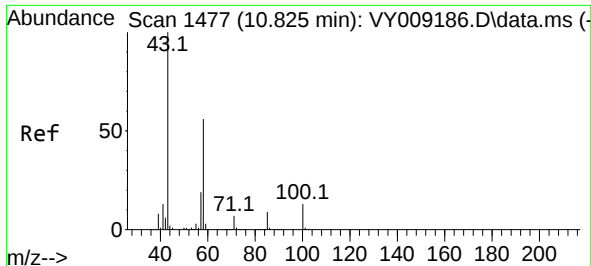
Tgt Ion: 63 Resp: 99098

Ion Ratio Lower Upper

63 100

106 28.6 21.5 32.3

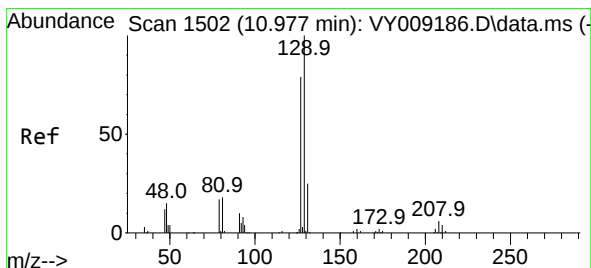
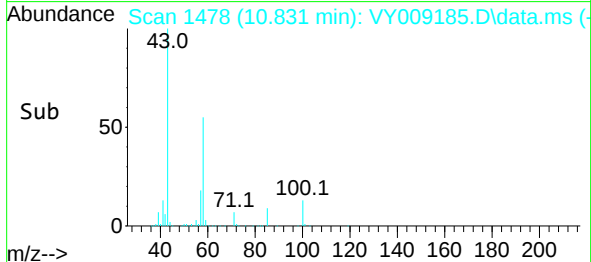
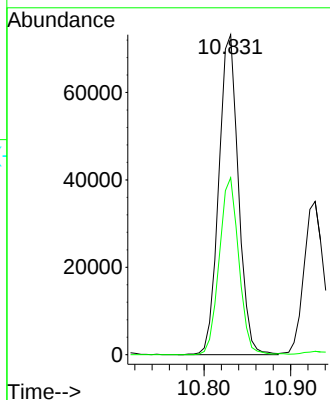
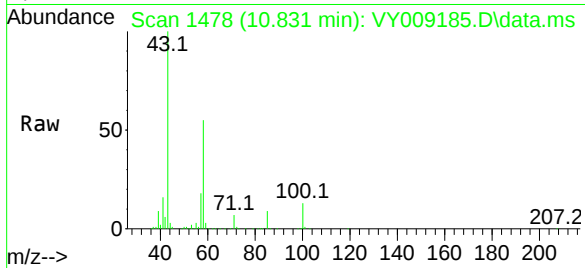




#59
2-Hexanone
Concen: 108.191 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

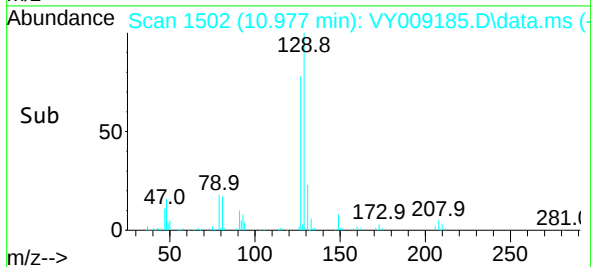
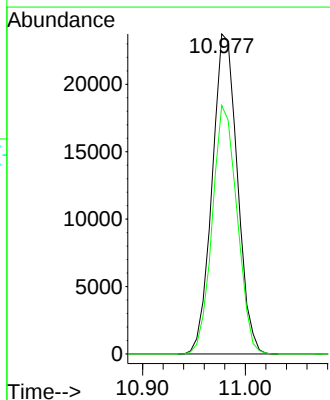
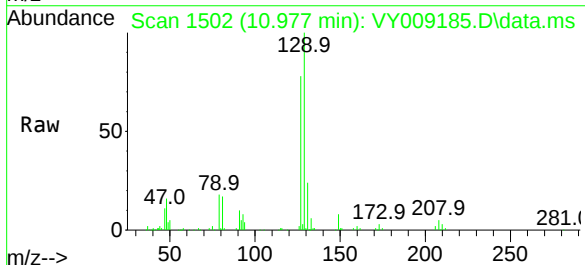
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

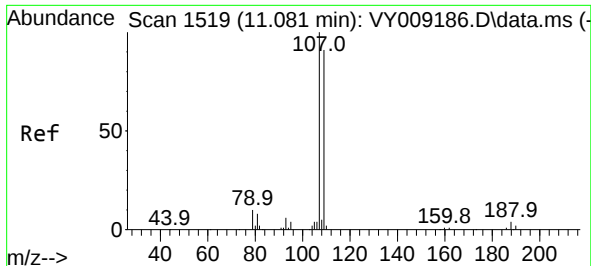
Tgt Ion: 43 Resp: 115283
Ion Ratio Lower Upper
43 100
58 54.9 24.4 73.4



#60
Dibromochloromethane
Concen: 18.635 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

Tgt Ion: 129 Resp: 40436
Ion Ratio Lower Upper
129 100
127 76.3 38.7 116.1

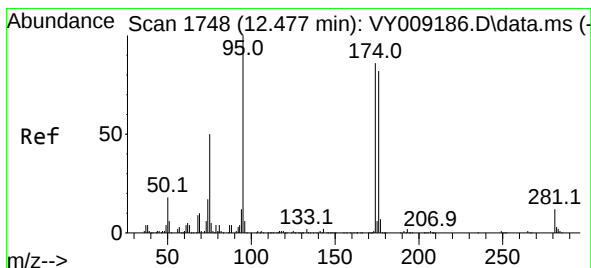
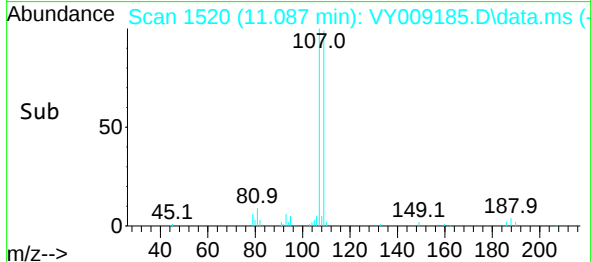
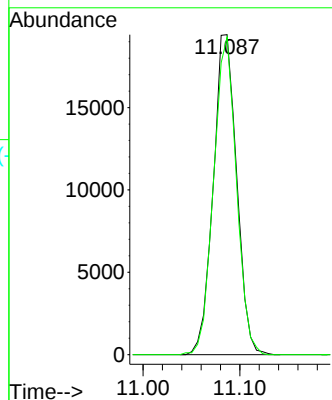
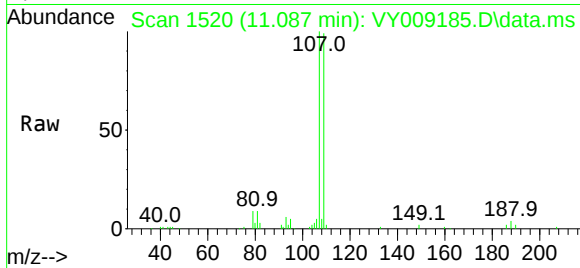




#61
1,2-Dibromoethane
Concen: 18.468 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

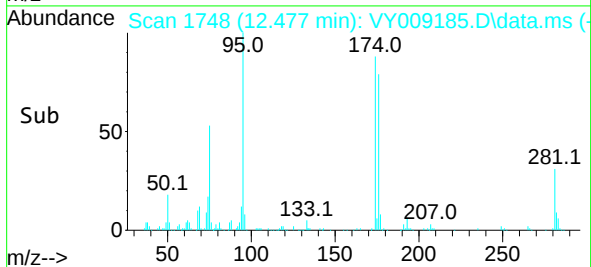
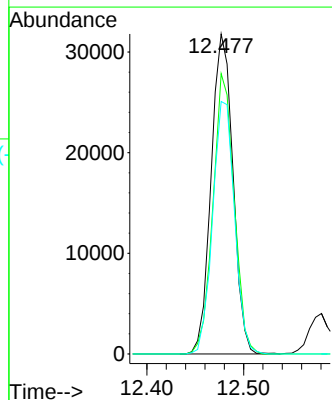
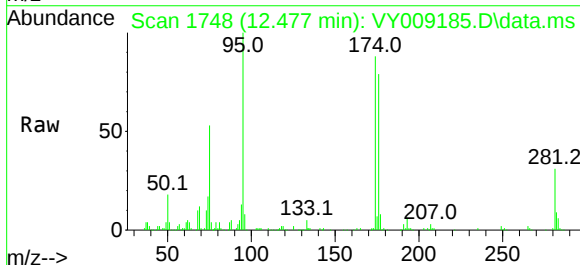
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

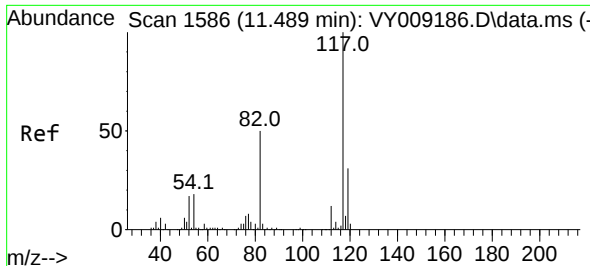
Tgt Ion:107 Resp: 32725
Ion Ratio Lower Upper
107 100
109 96.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 19.628 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

Tgt Ion: 95 Resp: 49549
Ion Ratio Lower Upper
95 100
174 85.0 0.0 177.0
176 79.3 0.0 175.8

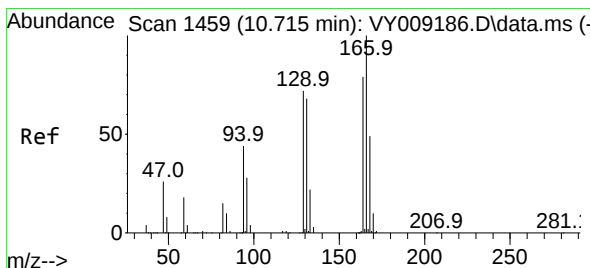
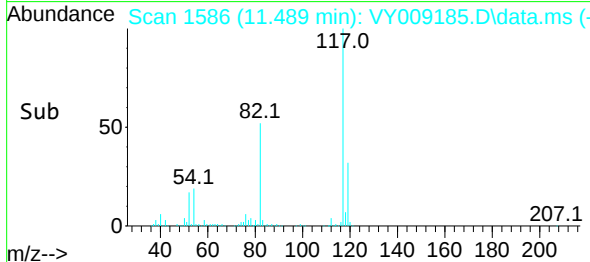
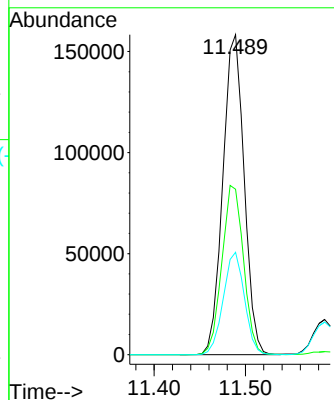
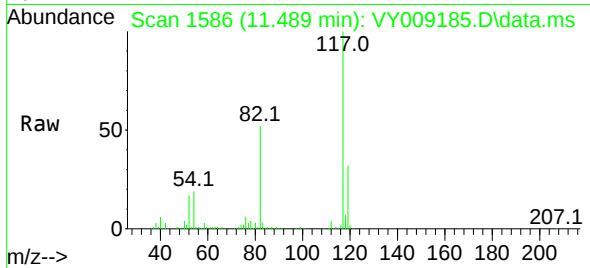




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

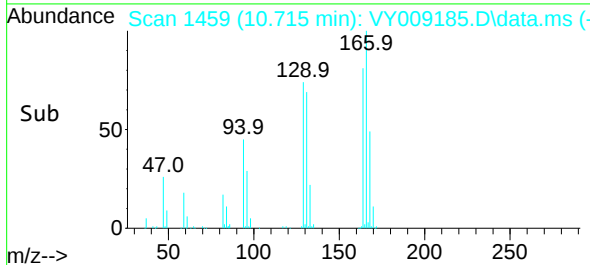
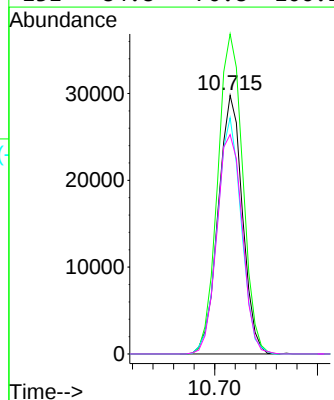
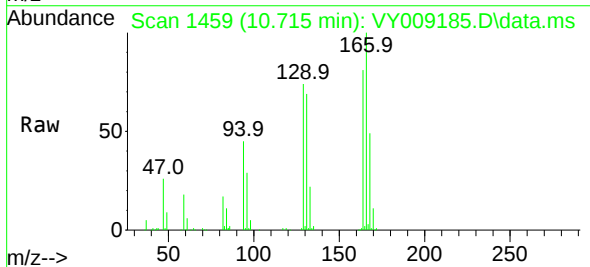
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

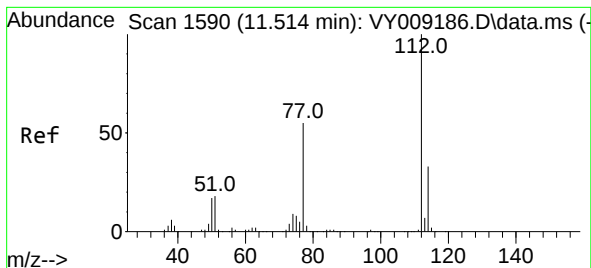
Tgt Ion:117 Resp: 256618
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.4
119 32.0 25.4 38.0



#64
Tetrachloroethene
Concen: 24.878 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

Tgt Ion:164 Resp: 48847
Ion Ratio Lower Upper
164 100
166 123.7 100.4 150.6
129 91.3 71.4 107.0
131 84.8 70.8 106.2





#65

Chlorobenzene

Concen: 19.392 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009185.D

Acq: 15 Jun 2022 14:26

Instrument :

MSVOA_Y

ClientSampleId :

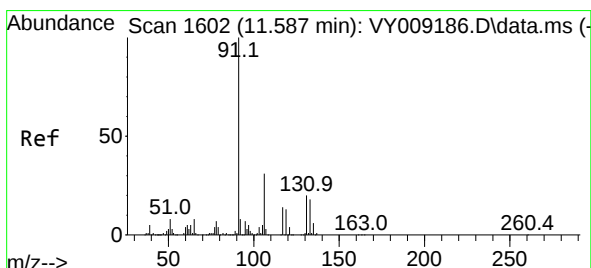
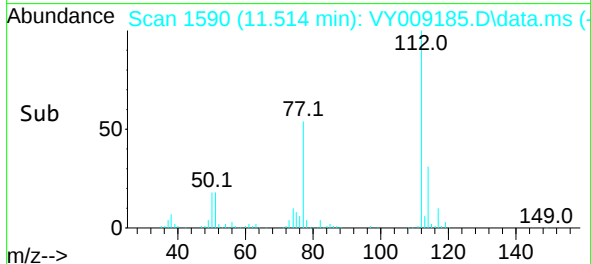
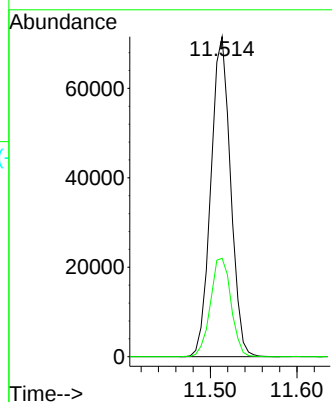
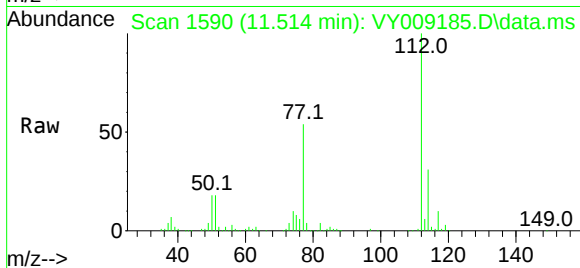
VSTDIC020

Tgt Ion:112 Resp: 113018

Ion Ratio Lower Upper

112 100

114 30.8 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 18.950 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY009185.D

Acq: 15 Jun 2022 14:26

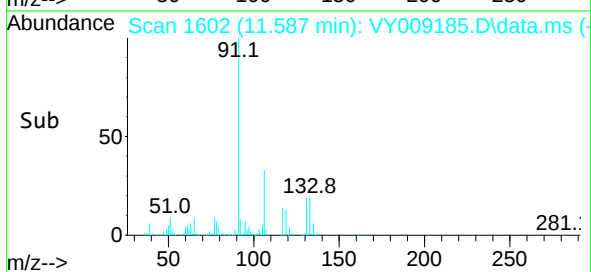
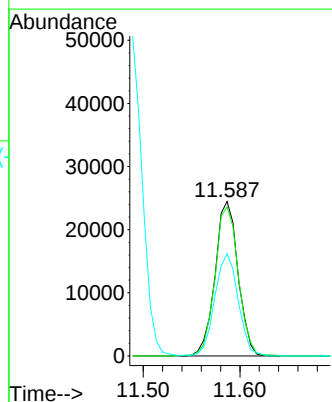
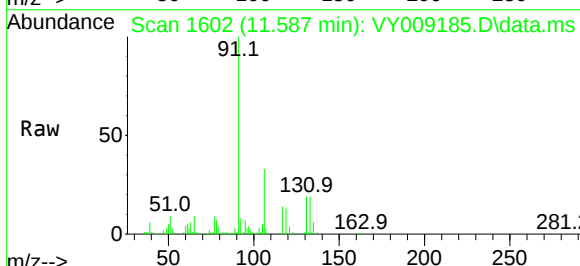
Tgt Ion:131 Resp: 40286

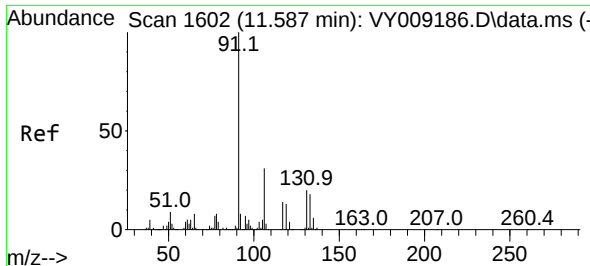
Ion Ratio Lower Upper

131 100

133 98.2 47.9 143.6

119 67.3 30.8 92.3

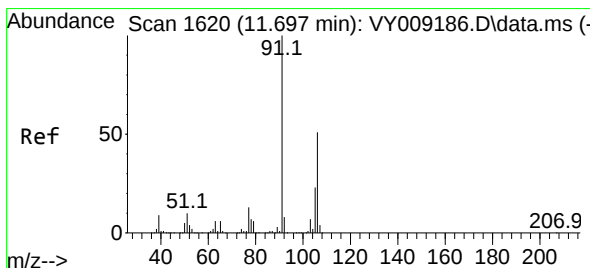
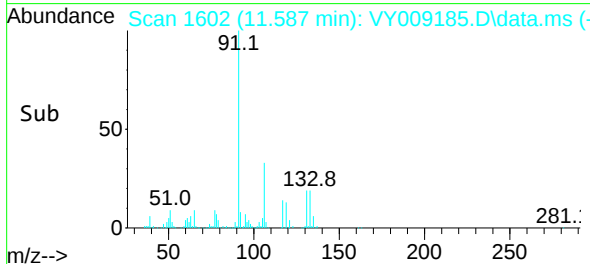
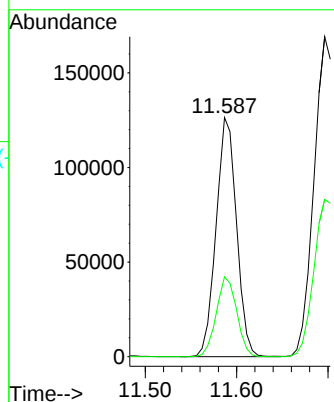
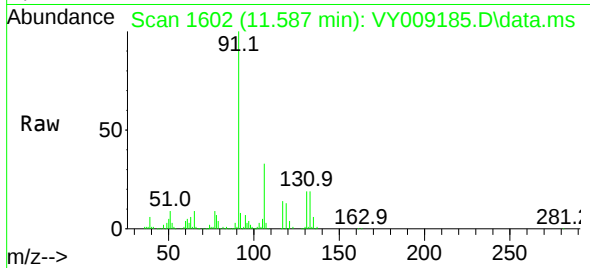




#67
Ethyl Benzene
Concen: 18.976 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

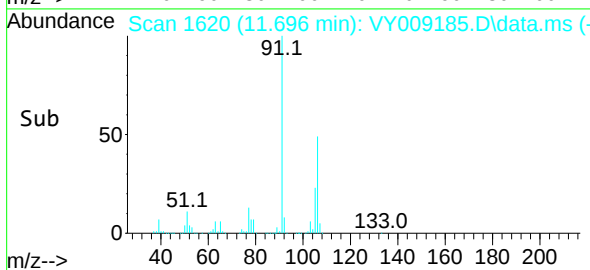
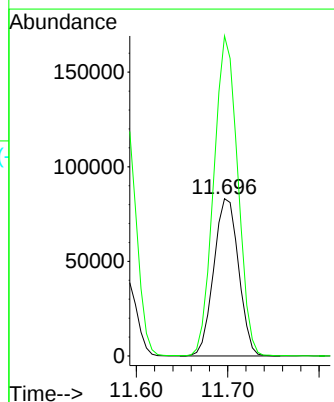
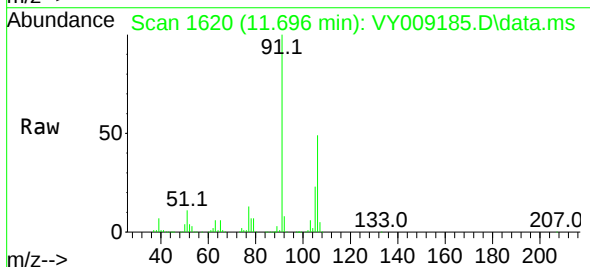
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

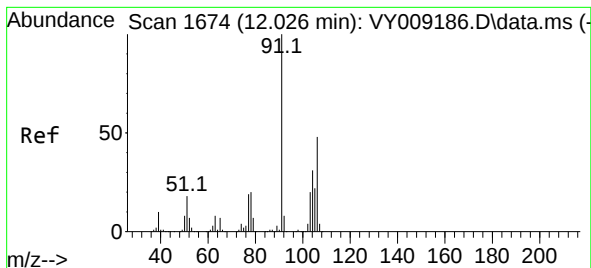
Tgt Ion: 91 Resp: 196772
Ion Ratio Lower Upper
91 100
106 33.4 24.5 36.7



#68
m/p-Xylenes
Concen: 37.781 ug/l
RT: 11.696 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

Tgt Ion: 106 Resp: 156888
Ion Ratio Lower Upper
106 100
91 196.3 166.6 249.8





#69

o-Xylene

Concen: 19.155 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009185.D

Acq: 15 Jun 2022 14:26

Instrument :

MSVOA_Y

ClientSampleId :

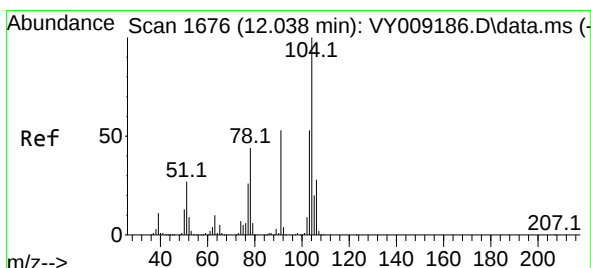
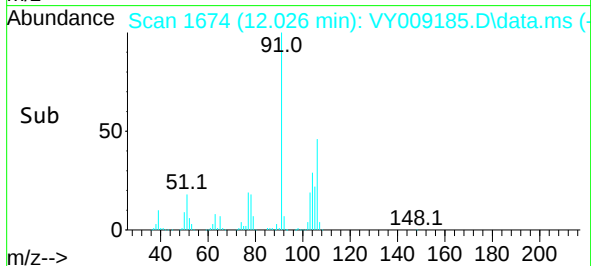
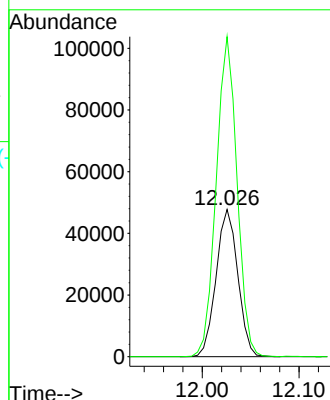
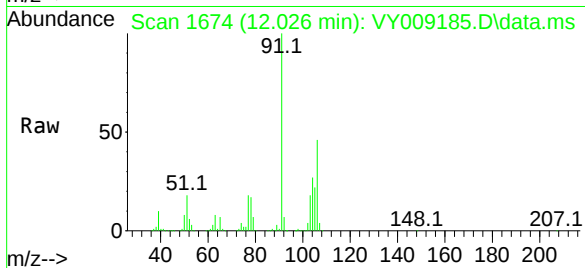
VSTDIC020

Tgt Ion:106 Resp: 74308

Ion Ratio Lower Upper

106 100

91 208.1 110.3 331.0



#70

Styrene

Concen: 18.676 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VY009185.D

Acq: 15 Jun 2022 14:26

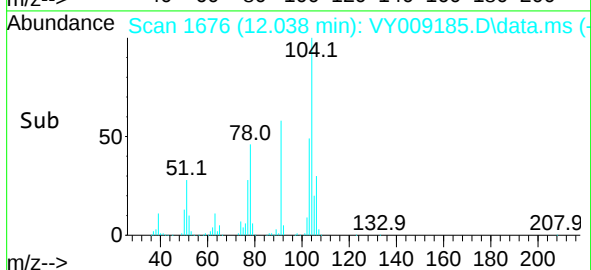
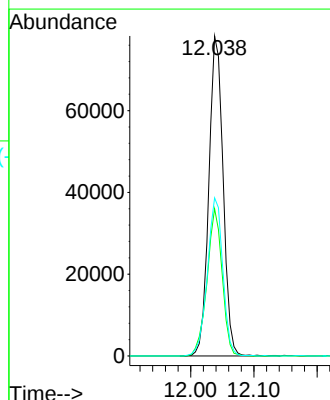
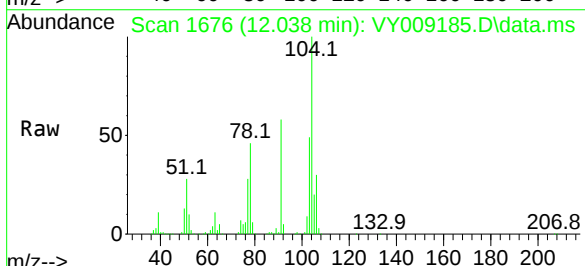
Tgt Ion:104 Resp: 122944

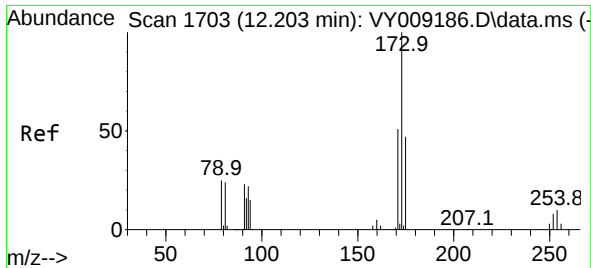
Ion Ratio Lower Upper

104 100

78 48.6 42.4 63.6

103 53.6 44.4 66.6

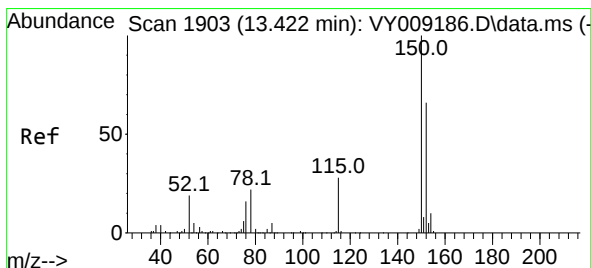
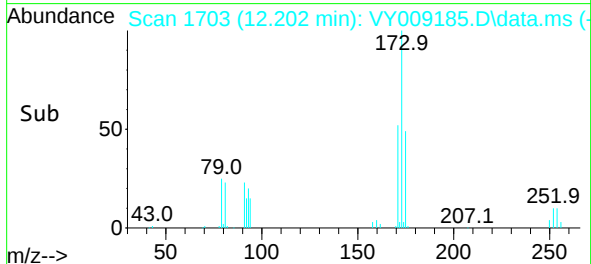
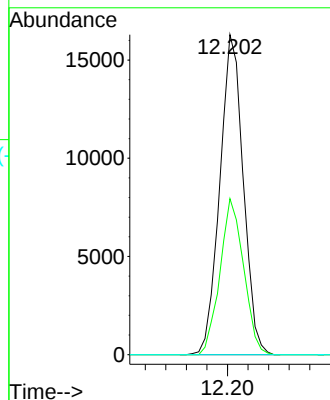
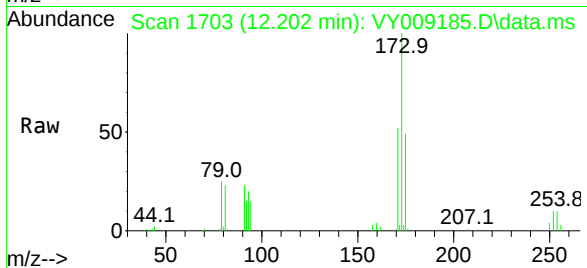




#71
Bromoform
Concen: 18.520 ug/l
RT: 12.202 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

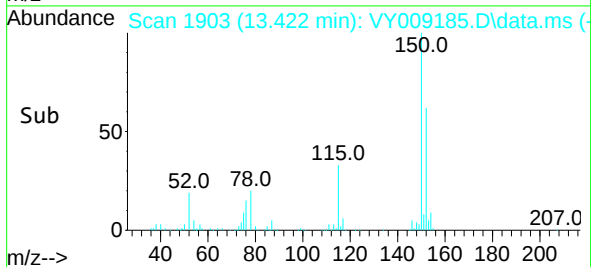
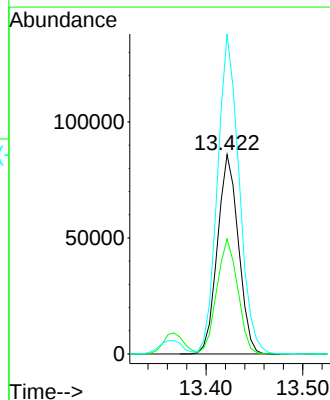
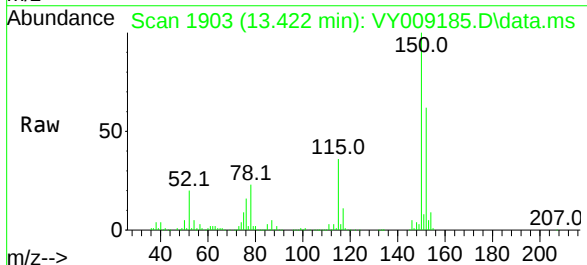
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

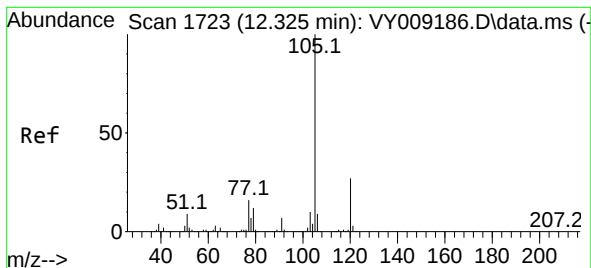
Tgt Ion:173 Resp: 25727
Ion Ratio Lower Upper
173 100
175 49.2 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

Tgt Ion:152 Resp: 128993
Ion Ratio Lower Upper
152 100
115 57.6 28.2 84.7
150 165.5 0.0 347.6





#73

Isopropylbenzene

Concen: 19.966 ug/l

RT: 12.324 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009185.D

Acq: 15 Jun 2022 14:26

Instrument :

MSVOA_Y

ClientSampleId :

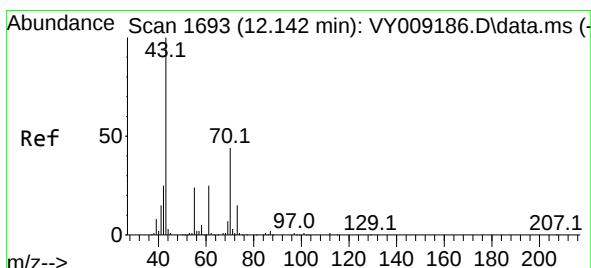
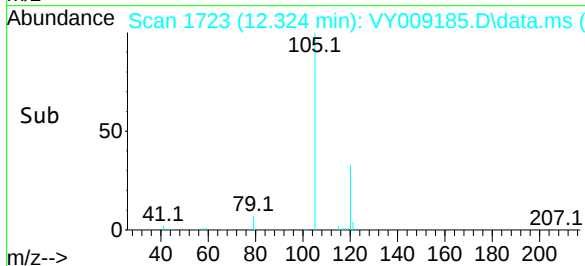
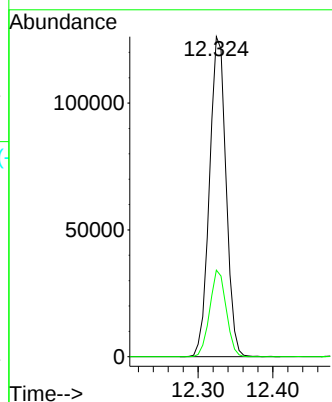
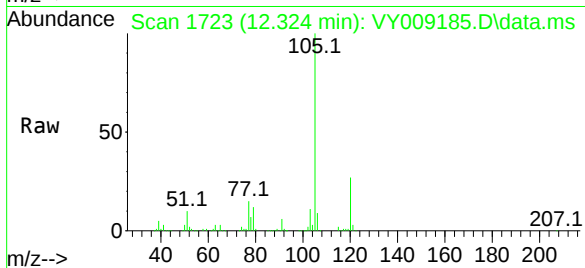
VSTDIC020

Tgt Ion:105 Resp: 194344

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 23.811 ug/l

RT: 12.141 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY009185.D

Acq: 15 Jun 2022 14:26

Tgt Ion: 43 Resp: 54912

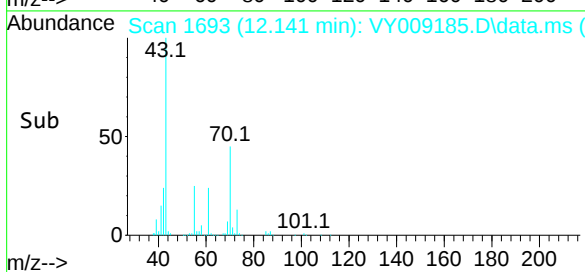
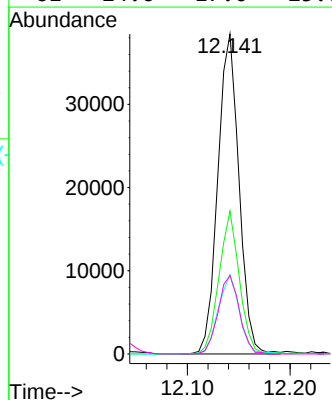
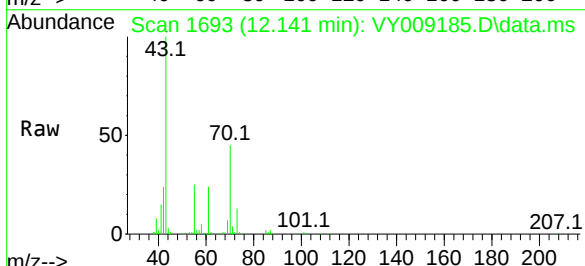
Ion Ratio Lower Upper

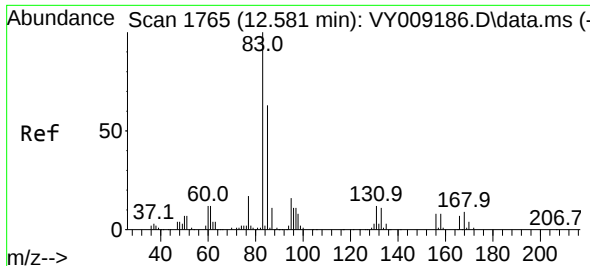
43 100

70 43.3 28.7 43.1#

55 24.8 17.3 25.9

61 24.6 17.0 25.6

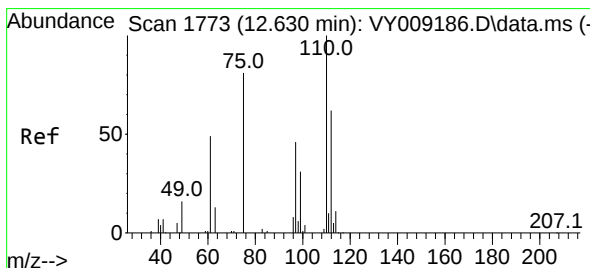
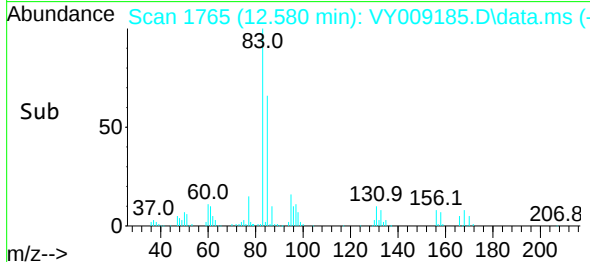
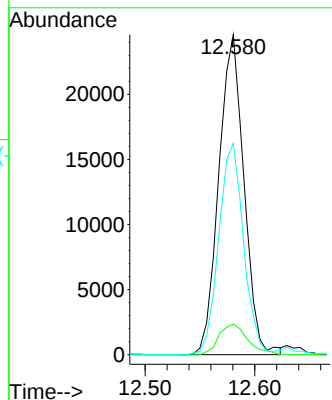
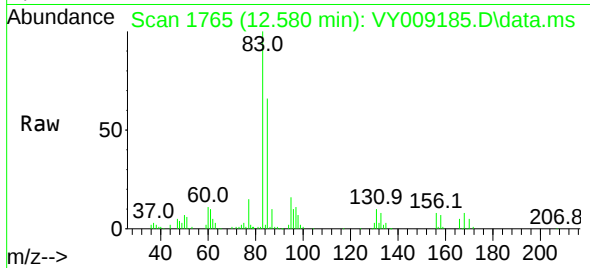




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.631 ug/l
 RT: 12.580 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY009185.D
 Acq: 15 Jun 2022 14:26

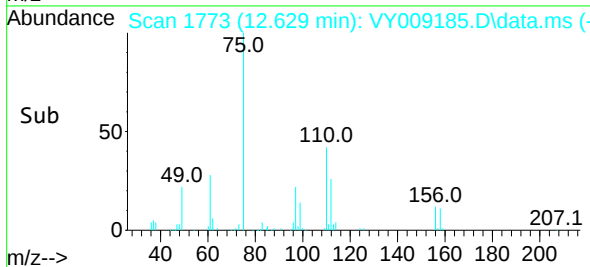
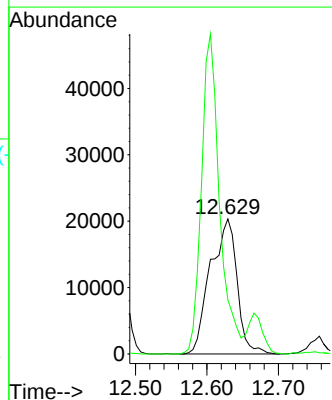
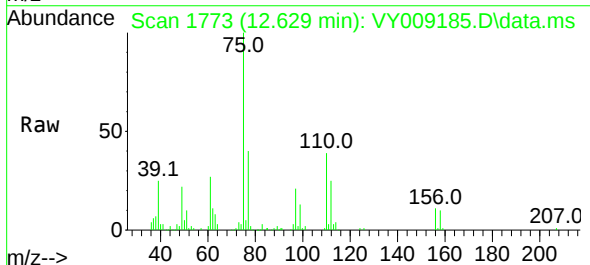
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

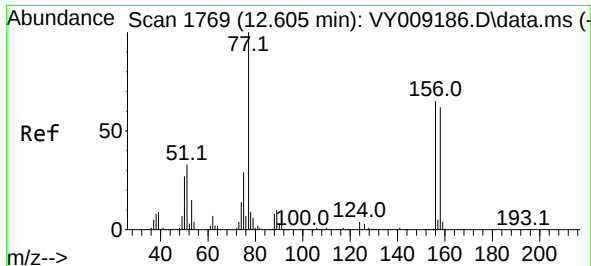
Tgt Ion: 83 Resp: 39170
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.6 16.8
 85 65.3 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 36.739 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VY009185.D
 Acq: 15 Jun 2022 14:26

Tgt Ion: 75 Resp: 52571
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

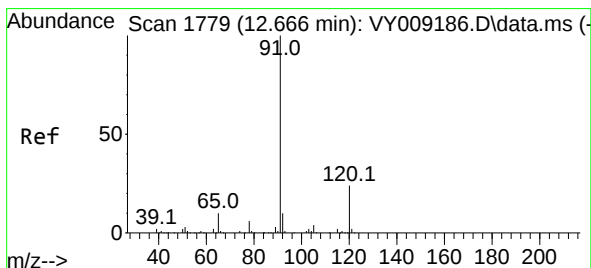
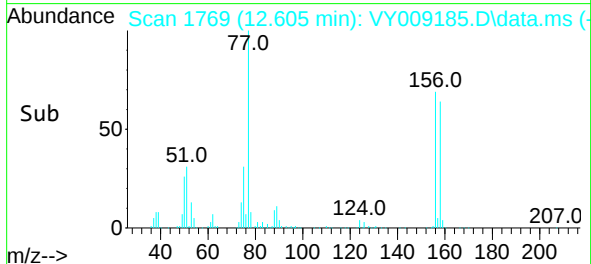
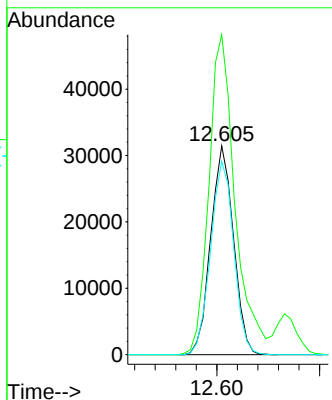
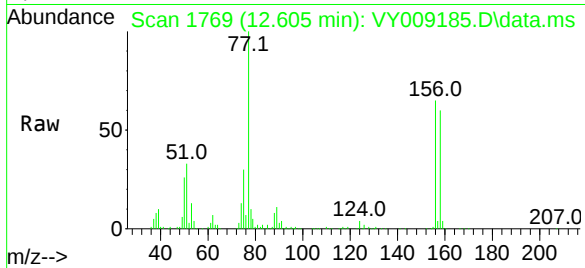




#77
Bromobenzene
Concen: 21.187 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

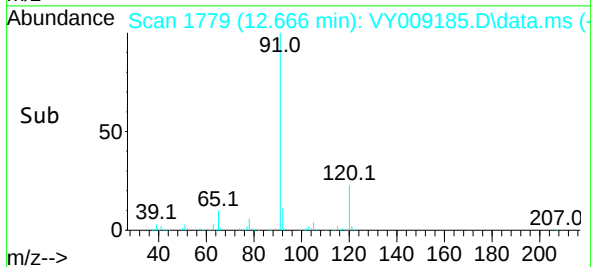
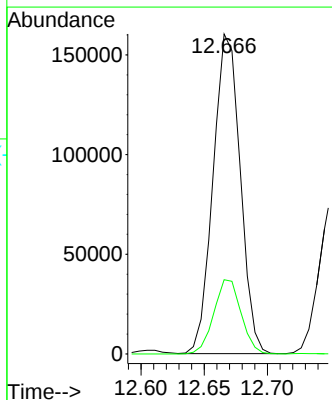
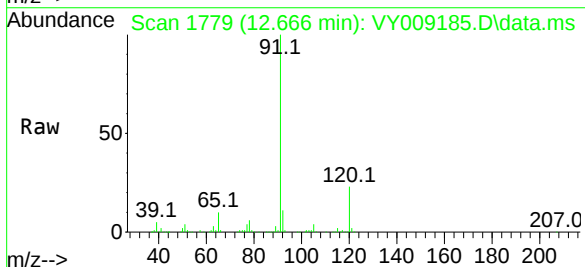
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

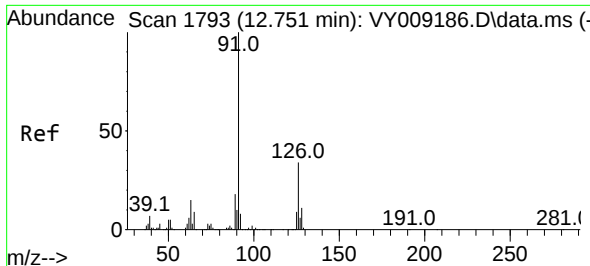
Tgt Ion:156 Resp: 48442
Ion Ratio Lower Upper
156 100
77 174.9 95.5 286.4
158 93.8 48.0 144.0



#78
n-propylbenzene
Concen: 20.065 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

Tgt Ion: 91 Resp: 239454
Ion Ratio Lower Upper
91 100
120 23.3 11.3 33.9

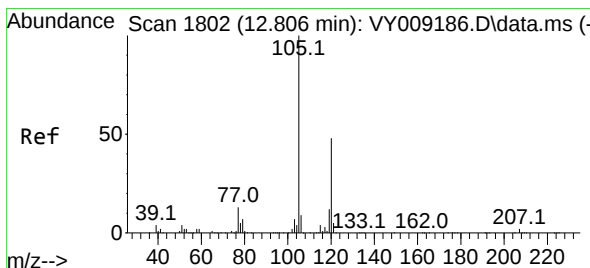
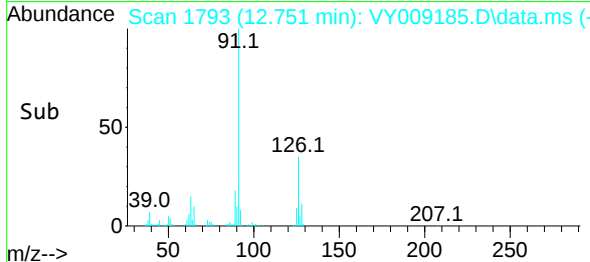
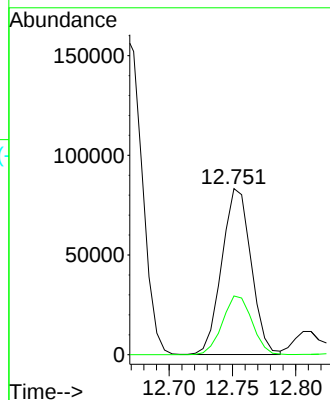
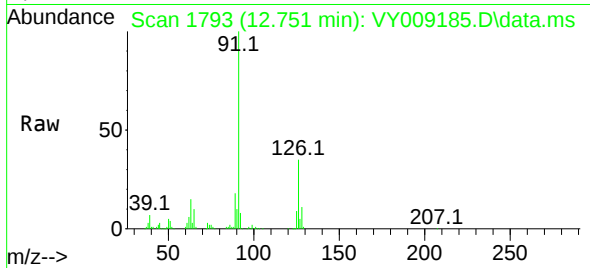




#79
2-Chlorotoluene
Concen: 20.726 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

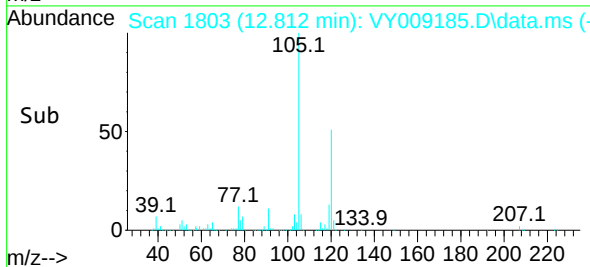
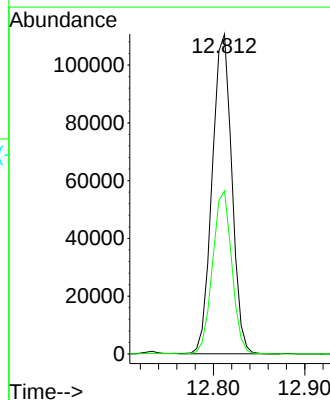
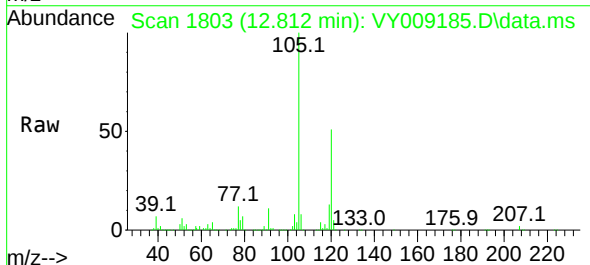
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

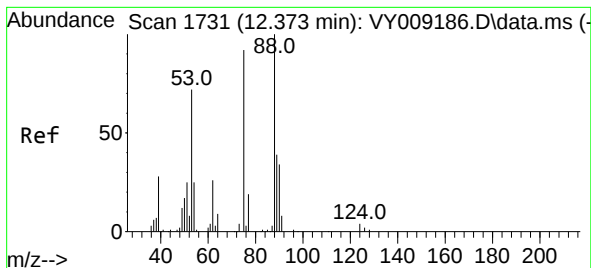
Tgt Ion: 91 Resp: 134198
Ion Ratio Lower Upper
91 100
126 35.7 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 20.431 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.006 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

Tgt Ion: 105 Resp: 165004
Ion Ratio Lower Upper
105 100
120 50.1 24.4 73.4

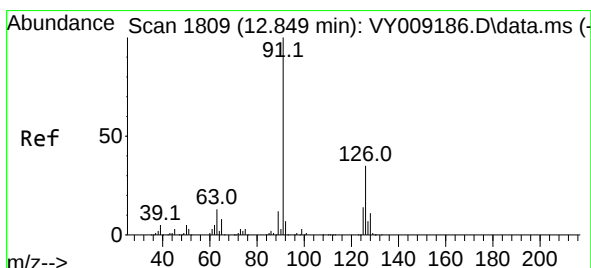
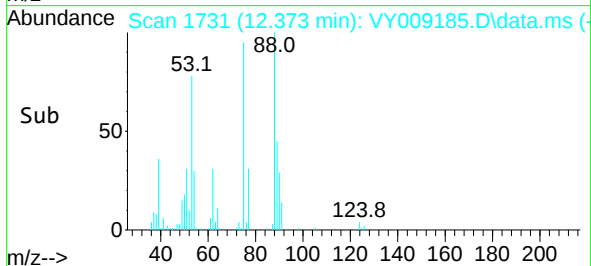
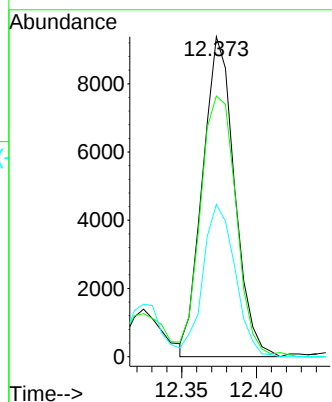
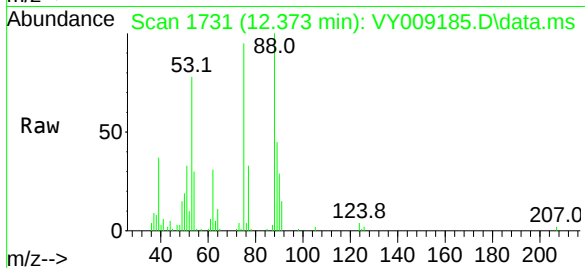




#81
trans-1,4-Dichloro-2-butene
Concen: 20.378 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

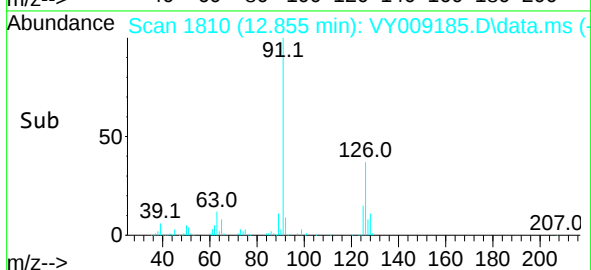
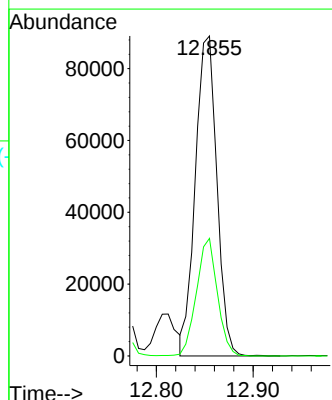
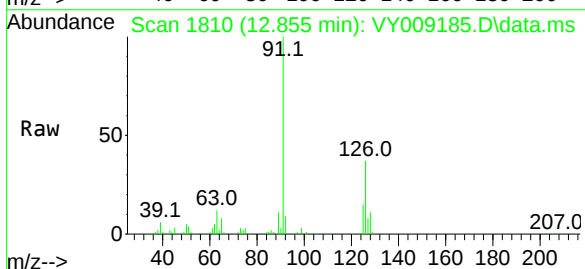
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

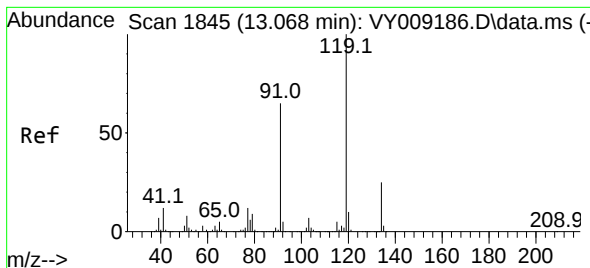
Tgt Ion: 75 Resp: 13962
Ion Ratio Lower Upper
75 100
53 90.5 85.3 127.9
89 47.7 37.0 55.4



#82
4-Chlorotoluene
Concen: 20.148 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

Tgt Ion: 91 Resp: 137586
Ion Ratio Lower Upper
91 100
126 35.9 17.0 51.0





#83

tert-Butylbenzene

Concen: 19.507 ug/l

RT: 13.074 min Scan# 119

Delta R.T. 0.006 min

Lab File: VY009185.D

Acq: 15 Jun 2022 14:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

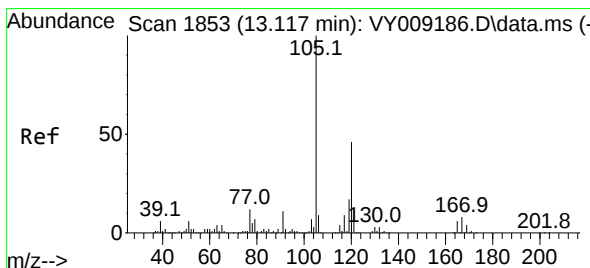
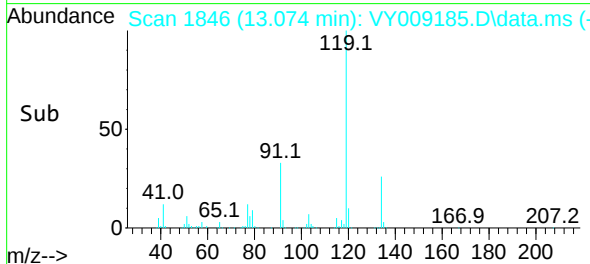
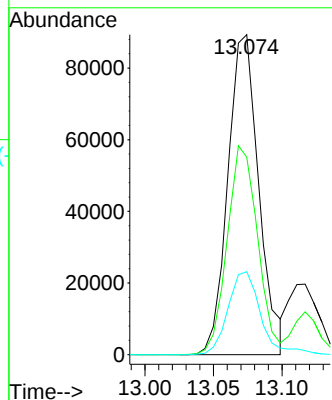
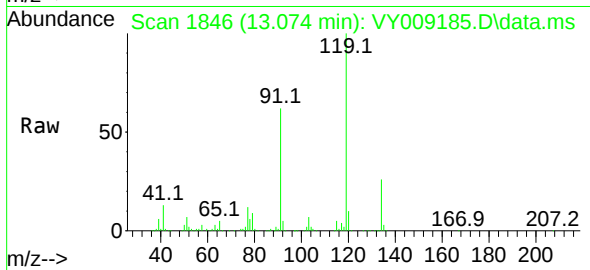
Tgt Ion:119 Resp: 140289

Ion Ratio Lower Upper

119 100

91 64.3 34.8 104.4

134 27.5 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 20.251 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY009185.D

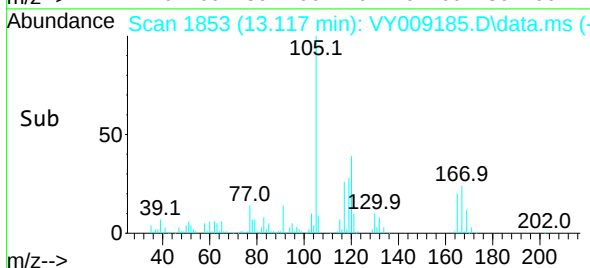
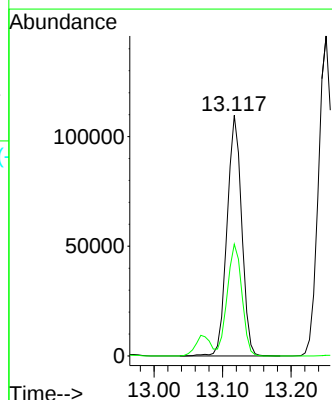
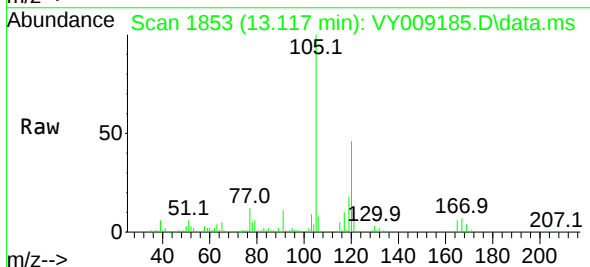
Acq: 15 Jun 2022 14:26

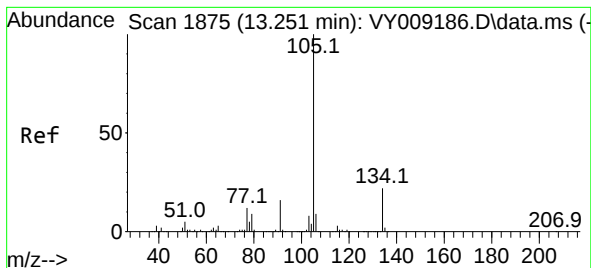
Tgt Ion:105 Resp: 161985

Ion Ratio Lower Upper

105 100

120 47.0 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.581 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY009185.D

Acq: 15 Jun 2022 14:26

Instrument :

MSVOA_Y

ClientSampleId :

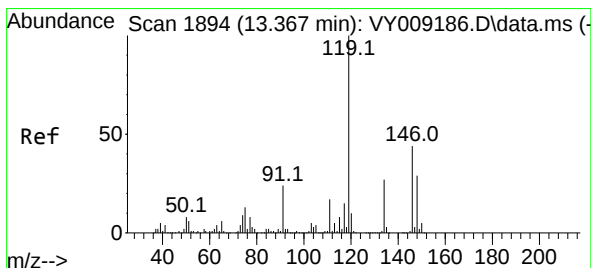
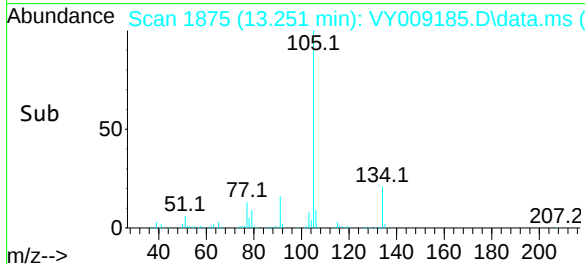
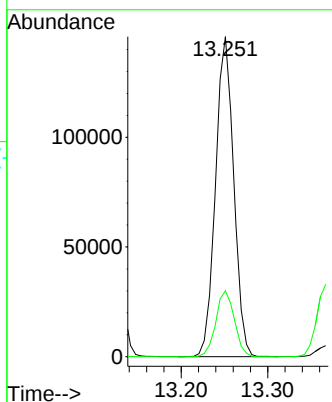
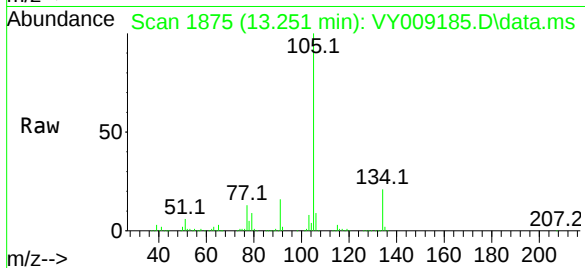
VSTDIC020

Tgt Ion:105 Resp: 212580

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 19.786 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY009185.D

Acq: 15 Jun 2022 14:26

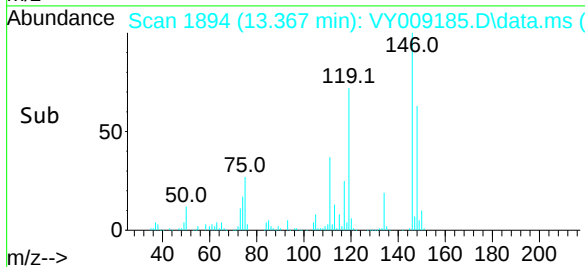
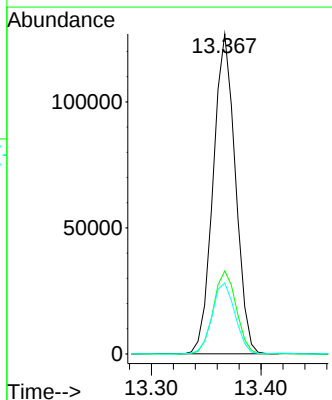
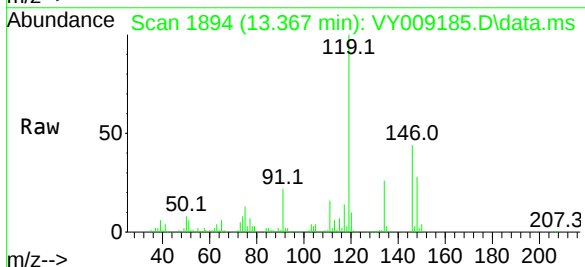
Tgt Ion:119 Resp: 178830

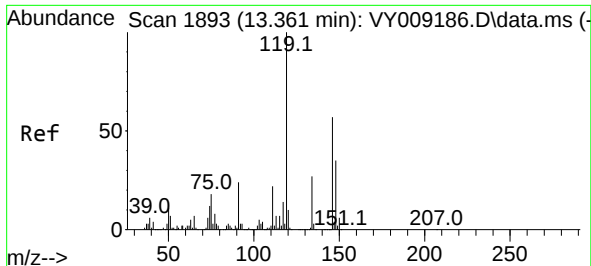
Ion Ratio Lower Upper

119 100

134 26.8 13.2 39.5

91 23.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 19.656 ug/l

RT: 13.361 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009185.D

Acq: 15 Jun 2022 14:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

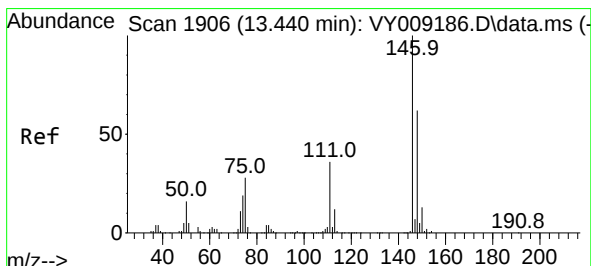
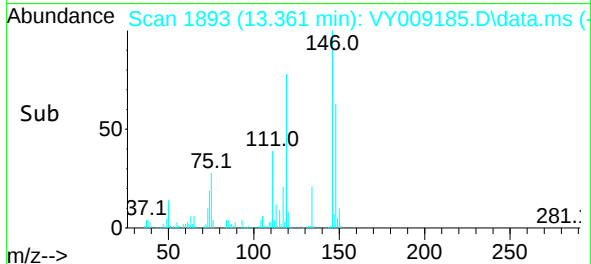
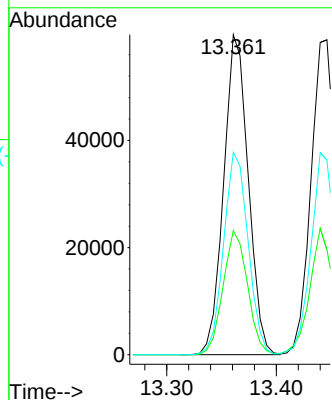
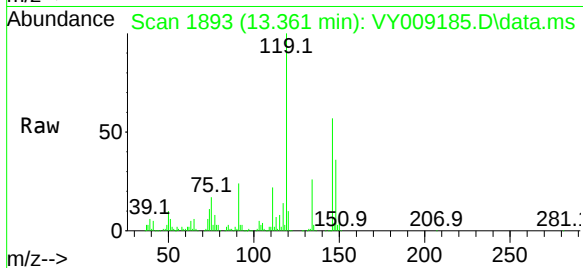
Tgt Ion:146 Resp: 92900

Ion Ratio Lower Upper

146 100

111 38.7 19.5 58.5

148 63.1 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 19.603 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY009185.D

Acq: 15 Jun 2022 14:26

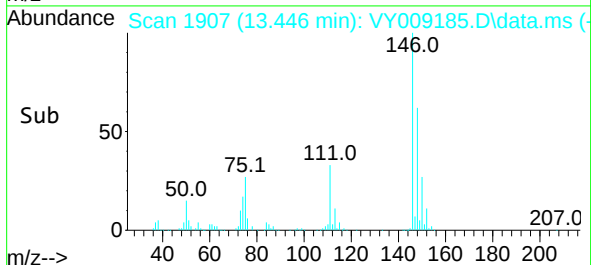
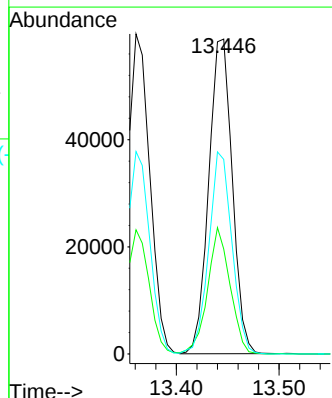
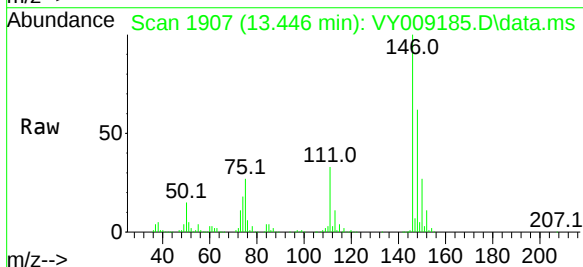
Tgt Ion:146 Resp: 93380

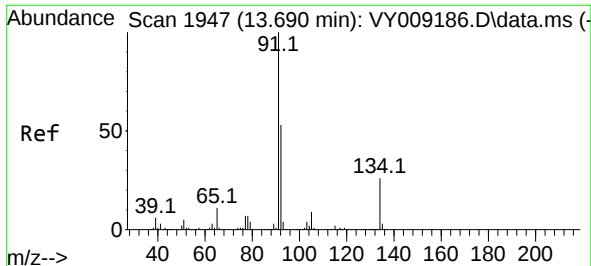
Ion Ratio Lower Upper

146 100

111 38.3 19.3 57.8

148 63.4 32.6 97.8

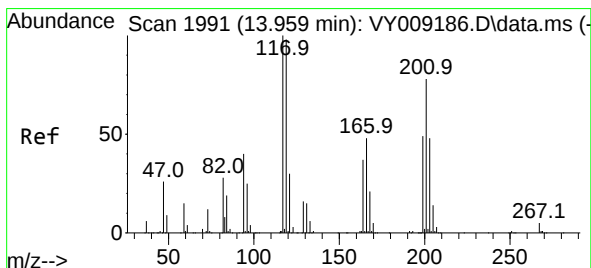
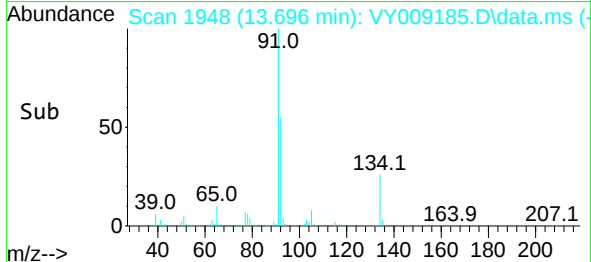
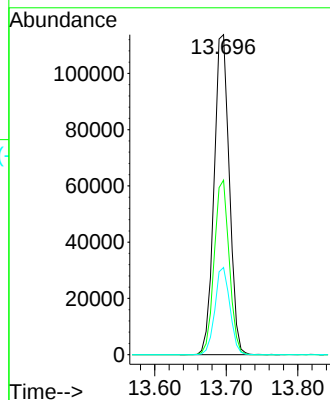
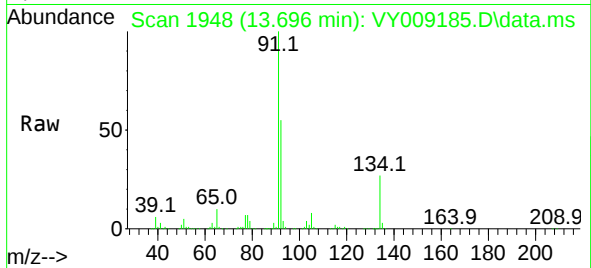




#89
n-Butylbenzene
Concen: 20.155 ug/l
RT: 13.696 min Scan# 1947
Delta R.T. 0.006 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

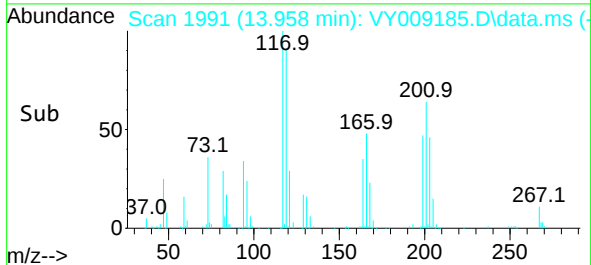
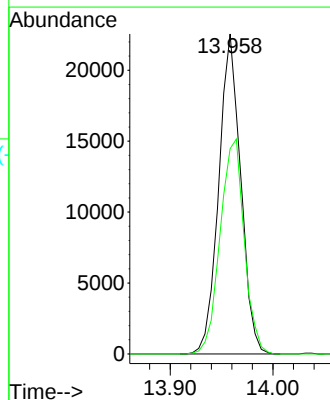
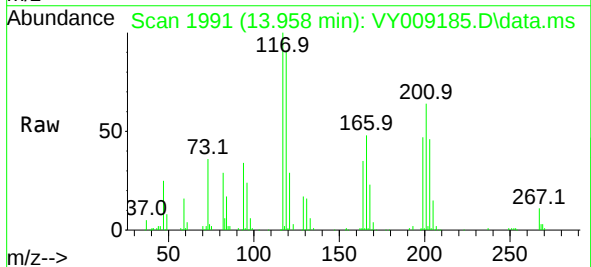
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

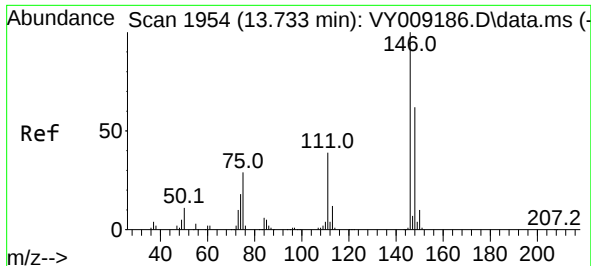
Tgt Ion: 91 Resp: 168052
Ion Ratio Lower Upper
91 100
92 53.6 26.3 78.9
134 26.8 13.0 38.9



#90
Hexachloroethane
Concen: 19.493 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY009185.D
Acq: 15 Jun 2022 14:26

Tgt Ion: 117 Resp: 33349
Ion Ratio Lower Upper
117 100
201 73.8 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 19.886 ug/l

RT: 13.733 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VY009185.D

Acq: 15 Jun 2022 14:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

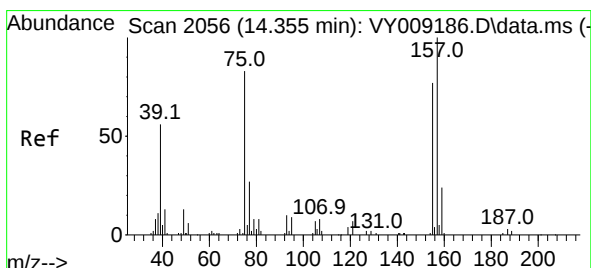
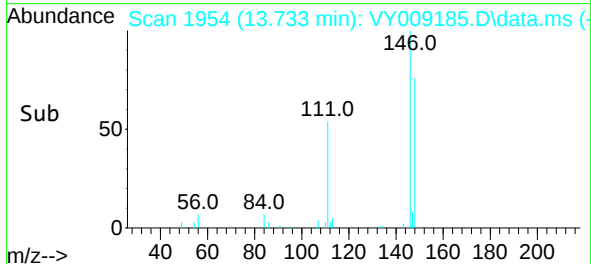
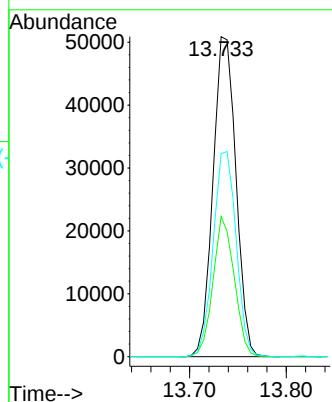
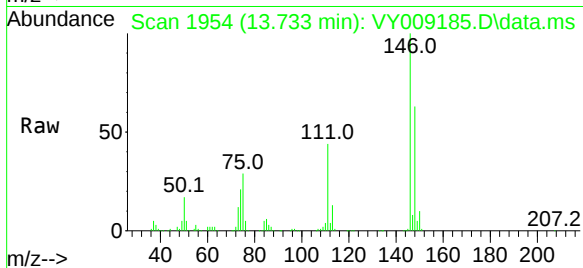
Tgt Ion:146 Resp: 83867

Ion Ratio Lower Upper

146 100

111 40.5 20.3 60.9

148 64.2 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.954 ug/l

RT: 14.354 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY009185.D

Acq: 15 Jun 2022 14:26

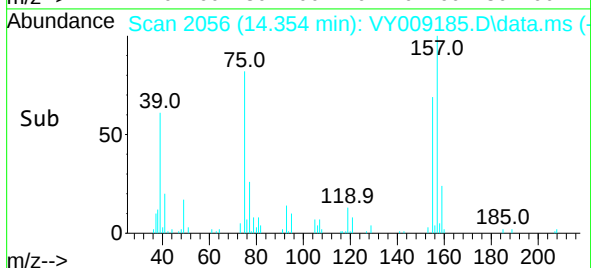
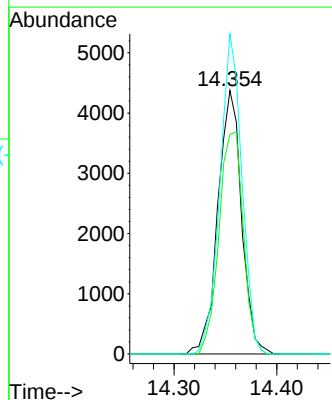
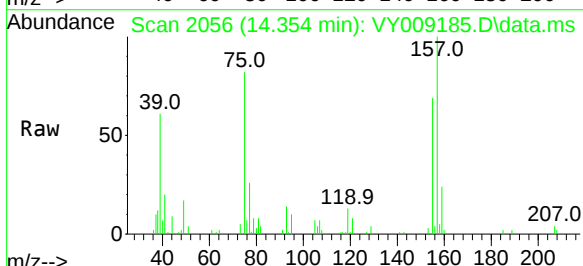
Tgt Ion: 75 Resp: 6987

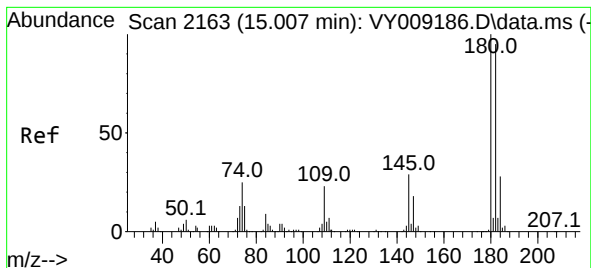
Ion Ratio Lower Upper

75 100

155 86.5 38.0 113.9

157 112.8 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 21.380 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY009185.D

Acq: 15 Jun 2022 14:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

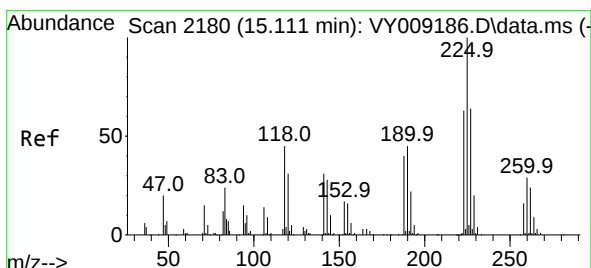
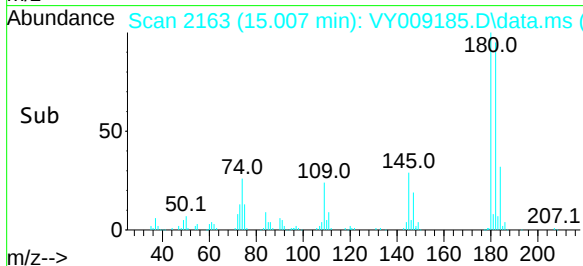
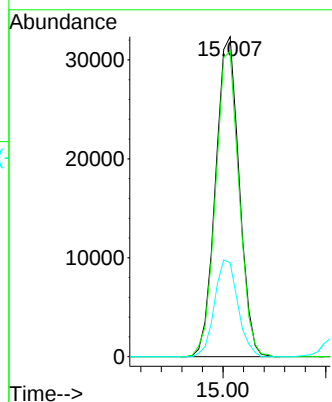
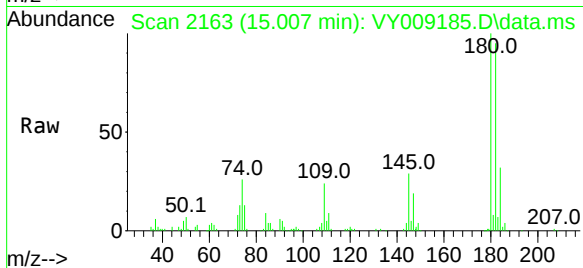
Tgt Ion:180 Resp: 51438

Ion Ratio Lower Upper

180 100

182 95.2 47.3 141.9

145 29.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 21.692 ug/l

RT: 15.110 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY009185.D

Acq: 15 Jun 2022 14:26

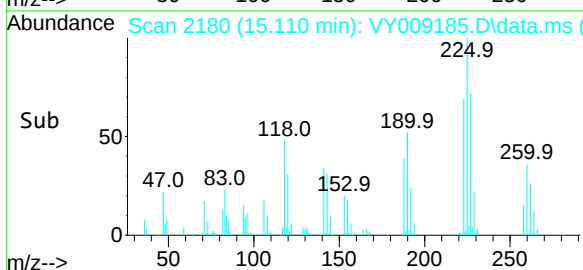
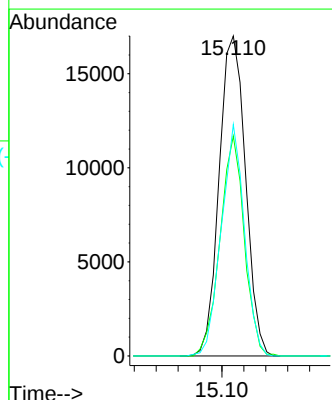
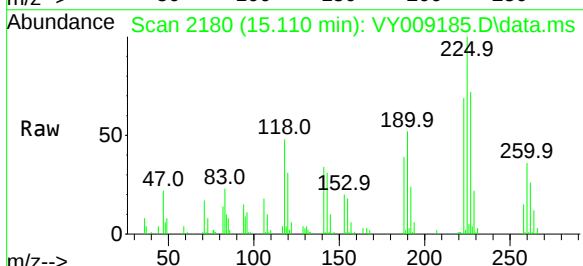
Tgt Ion:225 Resp: 28404

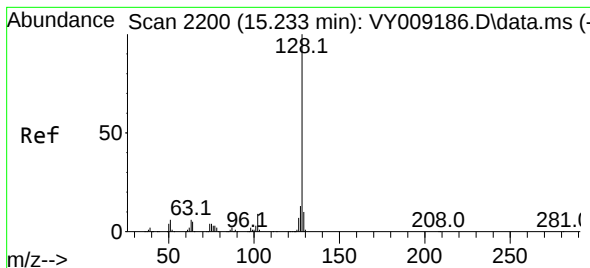
Ion Ratio Lower Upper

225 100

223 63.1 30.8 92.3

227 63.6 31.6 94.7





#95

Naphthalene

Concen: 22.677 ug/l

RT: 15.232 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY009185.D

Acq: 15 Jun 2022 14:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

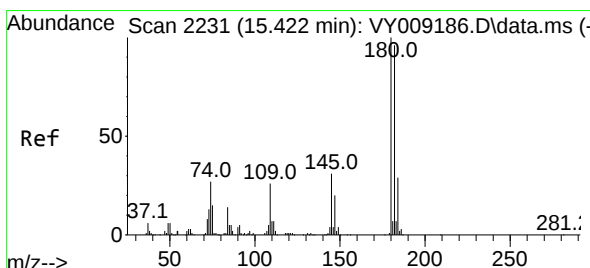
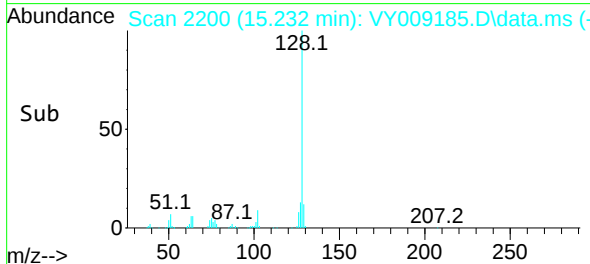
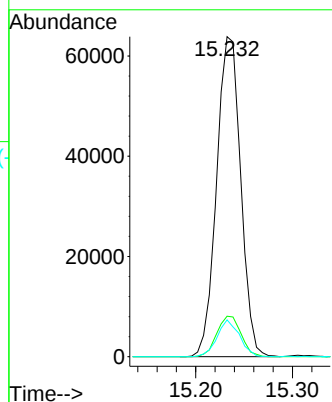
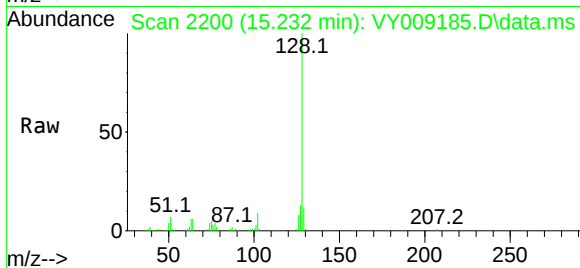
Tgt Ion:128 Resp: 110321

Ion Ratio Lower Upper

128 100

127 12.7 11.0 16.4

129 10.7 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 22.010 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY009185.D

Acq: 15 Jun 2022 14:26

Tgt Ion:180 Resp: 46161

Ion Ratio Lower Upper

180 100

182 93.8 47.3 141.9

145 32.2 15.3 45.9

