

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062122\
 Data File : VY009252.D
 Acq On : 21 Jun 2022 12:33
 Operator : KP/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: Jun 21 13:34:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 13:33:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	170592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	272056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	250574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	125856	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	38679	21.693	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	43.380%#
35) Dibromofluoromethane	7.716	113	36864	21.586	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	43.180%#
50) Toluene-d8	10.179	98	144846	22.325	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	44.660%#
62) 4-Bromofluorobenzene	12.477	95	52016	22.596	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	45.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	25160	19.728	ug/l	98
3) Chloromethane	2.113	50	31779	20.061	ug/l	99
4) Vinyl Chloride	2.247	62	35057	20.983	ug/l	94
5) Bromomethane	2.625	94	23406	19.926	ug/l	95
6) Chloroethane	2.778	64	22779	21.724	ug/l	100
7) Trichlorofluoromethane	3.119	101	53101	19.938	ug/l	94
8) Diethyl Ether	3.515	74	19085	18.940	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.893	101	32768	19.894	ug/l	95
10) Methyl Iodide	4.082	142	41357	19.736	ug/l	90
11) Tert butyl alcohol	4.942	59	32514	114.109	ug/l #	77
12) 1,1-Dichloroethene	3.857	96	31156	19.410	ug/l	87
13) Acrolein	3.717	56	5212	77.068	ug/l	87
14) Allyl chloride	4.466	41	57846	19.941	ug/l	93
15) Acrylonitrile	5.155	53	55052	101.743	ug/l	97
16) Acetone	3.942	43	42633	95.421	ug/l	93
17) Carbon Disulfide	4.186	76	90480	19.544	ug/l	99
18) Methyl Acetate	4.466	43	28973	19.499	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	95212	19.503	ug/l	99
20) Methylene Chloride	4.704	84	58395	25.197	ug/l	87
21) trans-1,2-Dichloroethene	5.216	96	37886	20.042	ug/l	85
22) Diisopropyl ether	6.112	45	128716	21.235	ug/l	92
23) Vinyl Acetate	6.052	43	395374	104.288	ug/l	96
24) 1,1-Dichloroethane	6.015	63	70012	20.524	ug/l	99
25) 2-Butanone	6.978	43	72906	102.797	ug/l #	90
26) 2,2-Dichloropropane	6.972	77	61672	20.283	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	44445	19.944	ug/l	91
28) Bromochloromethane	7.332	49	29093	19.889	ug/l	94
29) Tetrahydrofuran	7.344	42	49038	104.618	ug/l	93
30) Chloroform	7.496	83	71196	20.254	ug/l	96
31) Cyclohexane	7.777	56	66768	20.986	ug/l	99
32) 1,1,1-Trichloroethane	7.704	97	61446	19.959	ug/l	97
36) 1,1-Dichloropropene	7.917	75	54741	21.016	ug/l	98
37) Ethyl Acetate	7.070	43	32350	20.845	ug/l #	94
38) Carbon Tetrachloride	7.899	117	54703	20.256	ug/l	98
39) Methylcyclohexane	9.179	83	68764	21.838	ug/l	91
40) Benzene	8.155	78	163865	21.361	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	44957	53.595	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	46606	20.926	ug/l	94
43) Isopropyl Acetate	8.271	43	61243	21.330	ug/l #	93
44) Trichloroethene	8.935	130	45106	20.630	ug/l	96
45) 1,2-Dichloropropane	9.216	63	42093	21.611	ug/l	95
46) Dibromomethane	9.301	93	23913	21.465	ug/l	97
47) Bromodichloromethane	9.490	83	54778	20.572	ug/l	99
48) Methyl methacrylate	9.289	41	27200	21.382	ug/l	92
49) 1,4-Dioxane	9.295	88	6586	419.636	ug/l	91
51) 4-Methyl-2-Pentanone	10.069	43	163119	108.171	ug/l	94
52) Toluene	10.240	92	104903	21.460	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	58627	21.007	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	66787	21.126	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	32594	20.643	ug/l	93
56) Ethyl methacrylate	10.508	69	44497	20.887	ug/l	86
57) 1,3-Dichloropropane	10.789	76	57044	21.206	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	96451	103.613	ug/l	97
59) 2-Hexanone	10.831	43	110232	106.472	ug/l	91
60) Dibromochloromethane	10.984	129	41314	21.369	ug/l	97
61) 1,2-Dibromoethane	11.087	107	33227	21.754	ug/l	99
64) Tetrachloroethene	10.715	164	49964	21.597	ug/l	98
65) Chlorobenzene	11.514	112	114504	21.163	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	41450	20.908	ug/l	97
67) Ethyl Benzene	11.593	91	202825	21.487	ug/l	97
68) m/p-Xylenes	11.703	106	159335	42.850	ug/l	95
69) o-Xylene	12.026	106	75053	21.245	ug/l	92
70) Styrene	12.044	104	124212	20.999	ug/l	97
71) Bromoform	12.203	173	25601	20.291	ug/l #	100
73) Isopropylbenzene	12.331	105	201863	21.309	ug/l	99
74) N-amyl acetate	12.142	43	53350	20.367	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	36858	19.776	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	52023	37.305	ug/l #	100
77) Bromobenzene	12.605	156	48058	20.698	ug/l	94
78) n-propylbenzene	12.672	91	246882	21.556	ug/l	98
79) 2-Chlorotoluene	12.758	91	137538	21.282	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	170503	21.583	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	13526	19.482	ug/l #	83
82) 4-Chlorotoluene	12.849	91	143778	21.337	ug/l	97
83) tert-Butylbenzene	13.075	119	146972	21.222	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	164108	21.166	ug/l	95
85) sec-Butylbenzene	13.251	105	224177	21.777	ug/l	99
86) p-Isopropyltoluene	13.367	119	185431	21.715	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	94106	21.036	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	92769	20.467	ug/l	98
89) n-Butylbenzene	13.697	91	172502	21.408	ug/l	99
90) Hexachloroethane	13.959	117	35193	21.754	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	83682	20.739	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6415	19.369	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	50996	20.173	ug/l	100
94) Hexachlorobutadiene	15.111	225	28682	20.635	ug/l	98
95) Naphthalene	15.239	128	101724	19.400	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	44214	20.015	ug/l	99

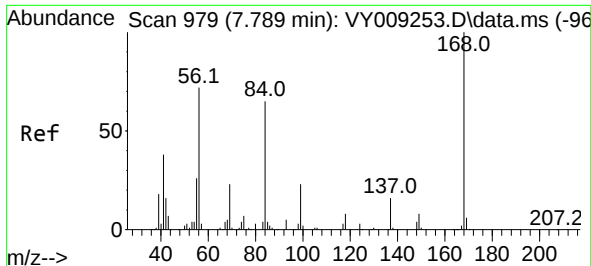
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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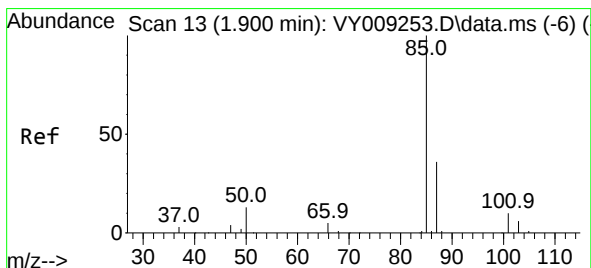
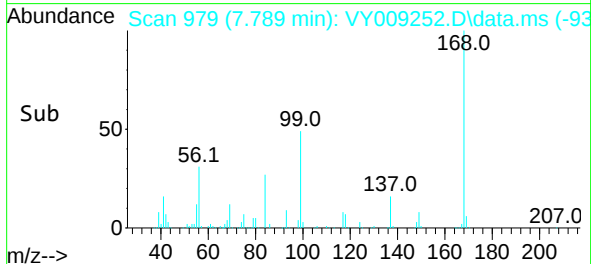
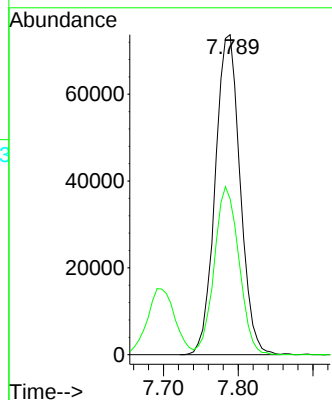
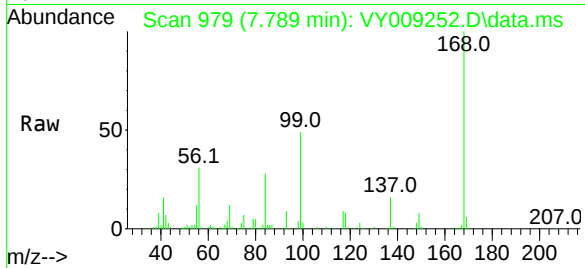
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

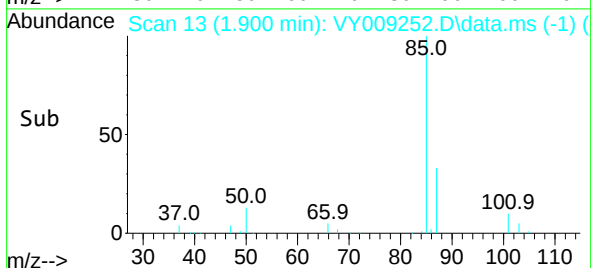
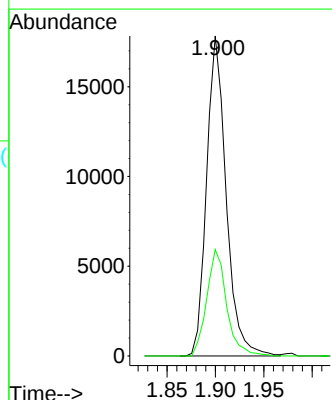
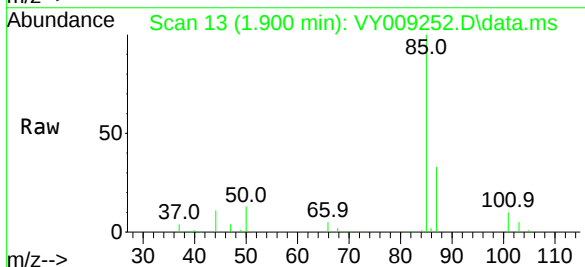
Instrument :
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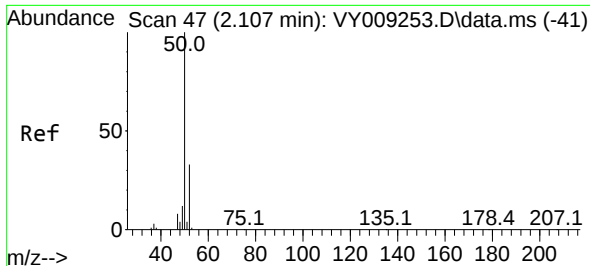
Tgt Ion:168 Resp: 170592
Ion Ratio Lower Upper
168 100
99 48.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 19.728 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

Tgt Ion: 85 Resp: 25160
Ion Ratio Lower Upper
85 100
87 33.2 16.1 48.2

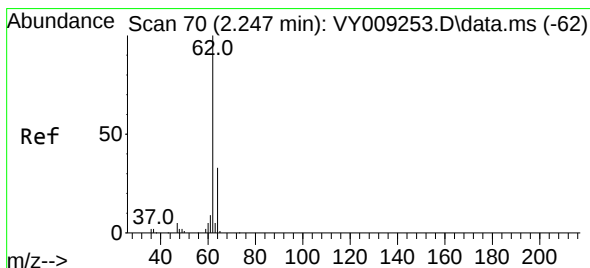
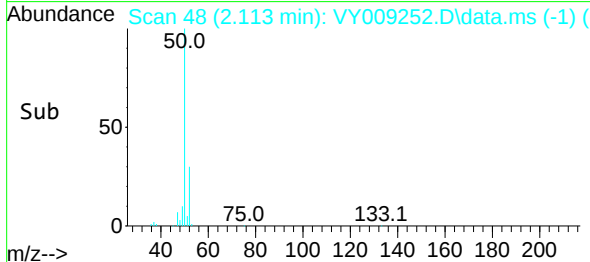
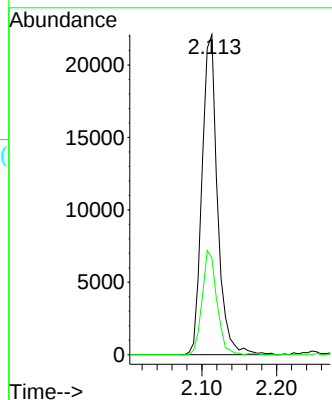
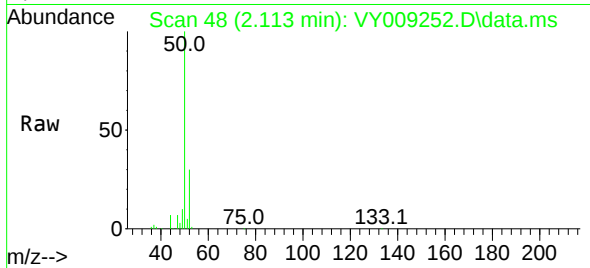




#3
Chloromethane
Concen: 20.061 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

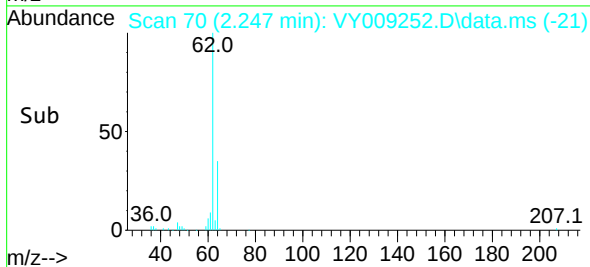
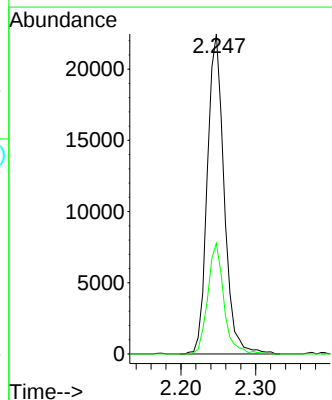
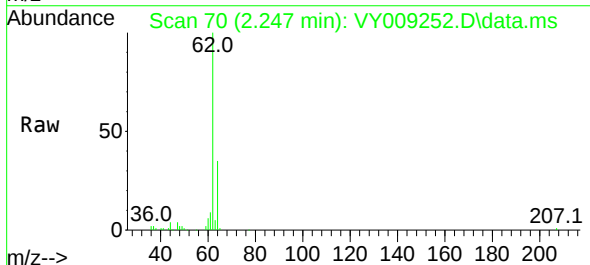
Instrument :
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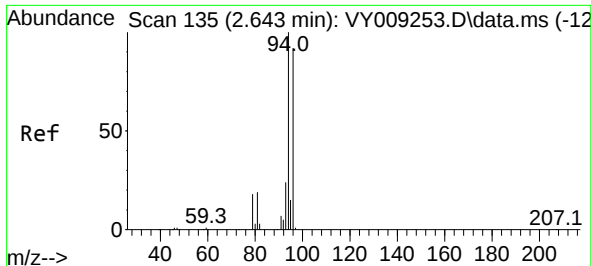
Tgt Ion: 50 Resp: 31779
Ion Ratio Lower Upper
50 100
52 30.2 24.6 37.0



#4
Vinyl Chloride
Concen: 20.983 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

Tgt Ion: 62 Resp: 35057
Ion Ratio Lower Upper
62 100
64 34.6 25.0 37.6

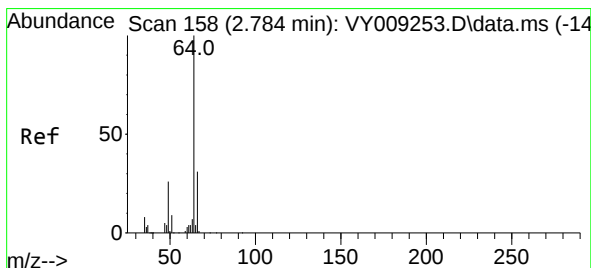
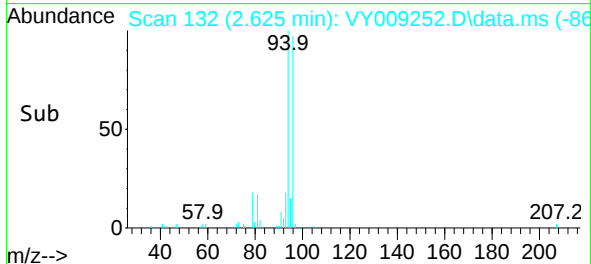
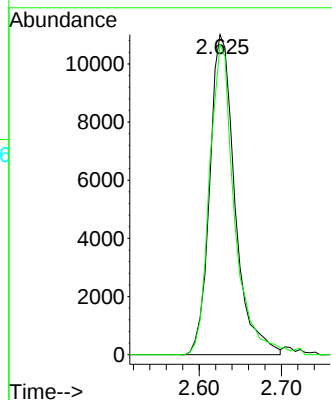
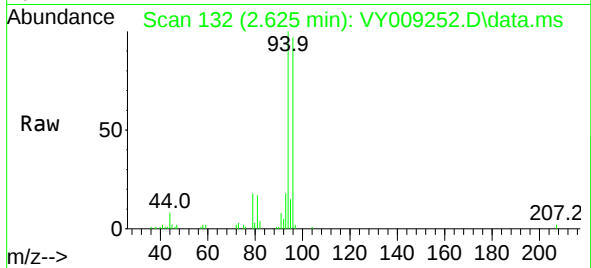




#5
Bromomethane
Concen: 19.926 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

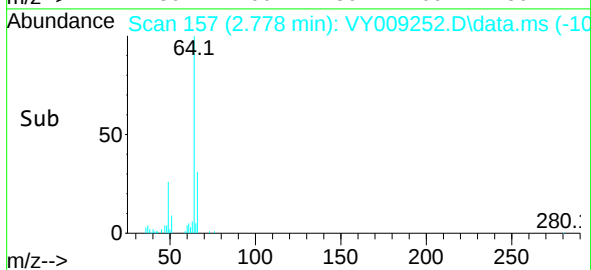
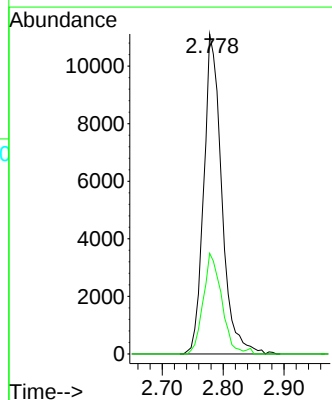
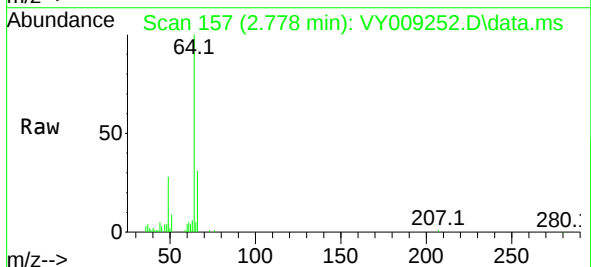
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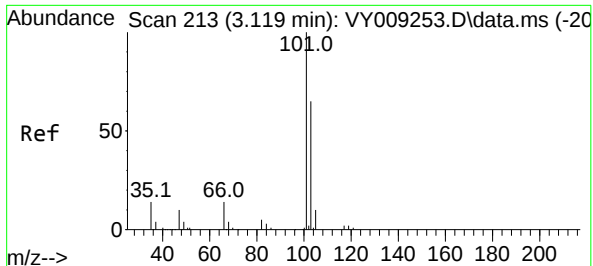
Tgt Ion: 94 Resp: 23406
Ion Ratio Lower Upper
94 100
96 96.8 73.5 110.3



#6
Chloroethane
Concen: 21.724 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

Tgt Ion: 64 Resp: 22779
Ion Ratio Lower Upper
64 100
66 31.5 25.4 38.0

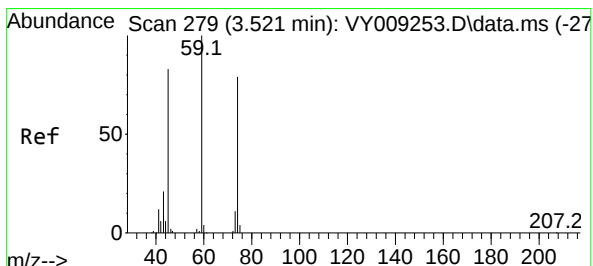
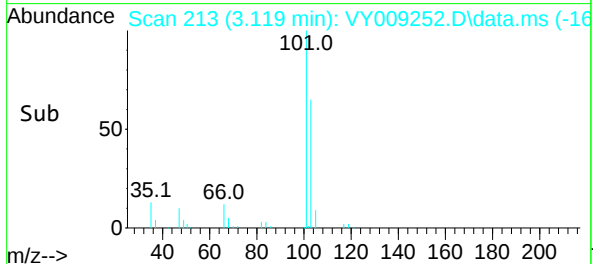
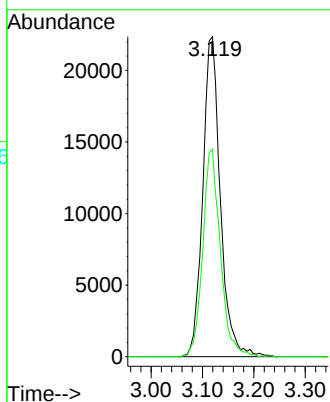
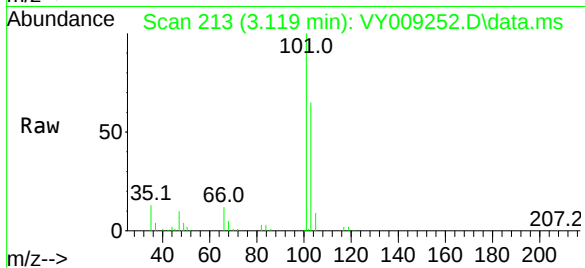




#7
Trichlorofluoromethane
Concen: 19.938 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

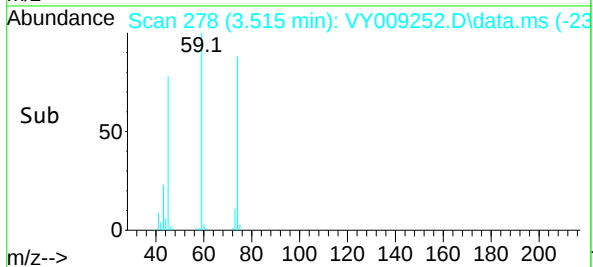
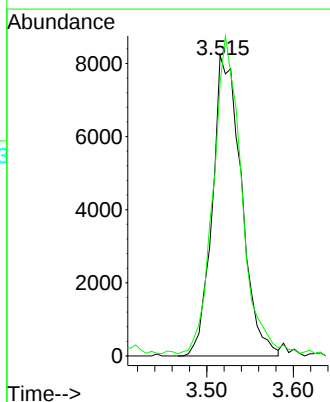
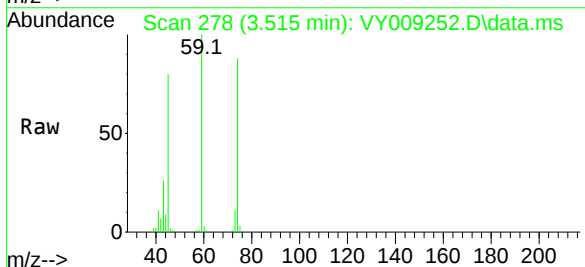
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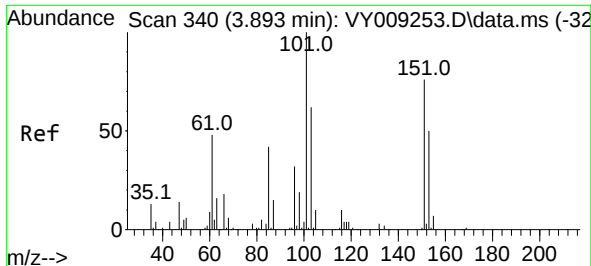
Tgt Ion:101 Resp: 53101
Ion Ratio Lower Upper
101 100
103 64.8 48.0 72.0



#8
Diethyl Ether
Concen: 18.940 ug/l
RT: 3.515 min Scan# 278
Delta R.T. -0.006 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

Tgt Ion: 74 Resp: 19085
Ion Ratio Lower Upper
74 100
45 104.0 55.1 165.5

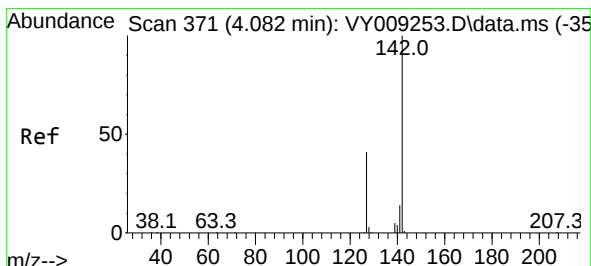
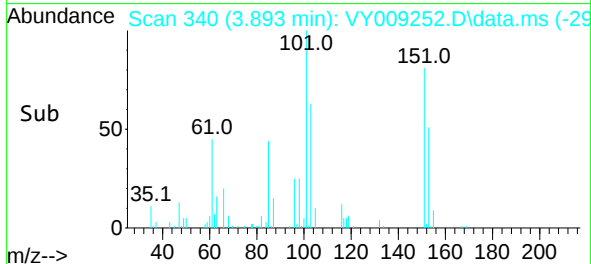
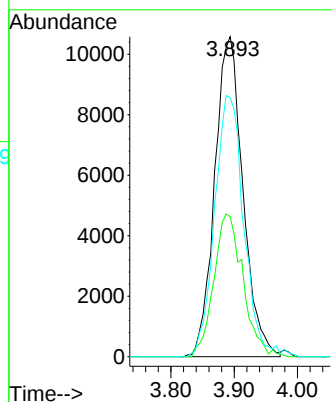
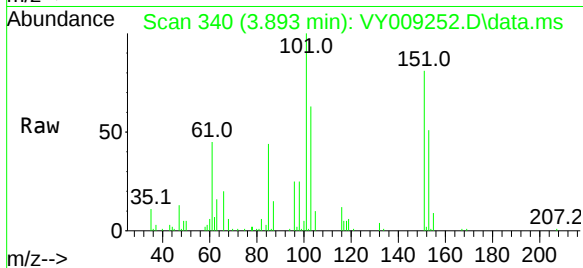




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.894 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY009252.D
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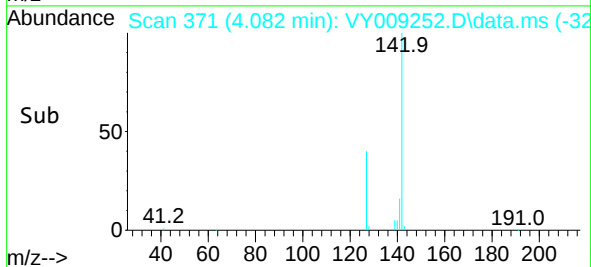
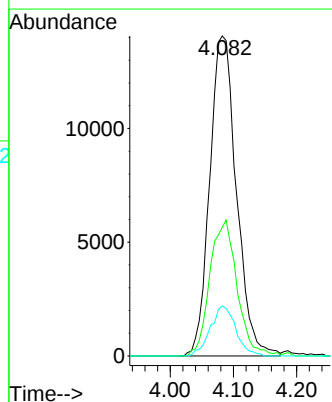
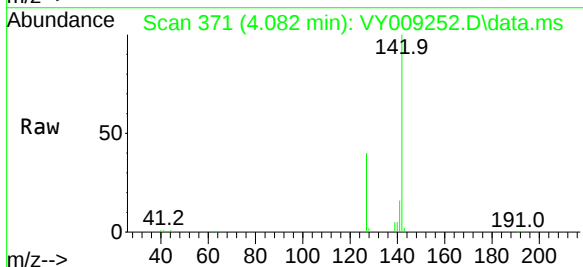
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

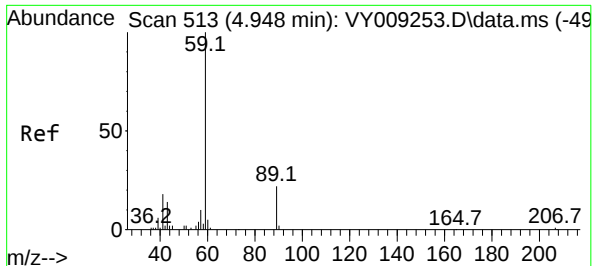
Tgt Ion:	101	Resp:	32768
Ion	Ratio	Lower	Upper
101	100		
85	46.1	40.6	60.8
151	84.5	64.9	97.3



#10
Methyl Iodide
Concen: 19.736 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

Tgt Ion:	142	Resp:	41357
Ion	Ratio	Lower	Upper
142	100		
127	43.2	41.5	62.3
141	14.9	11.9	17.9

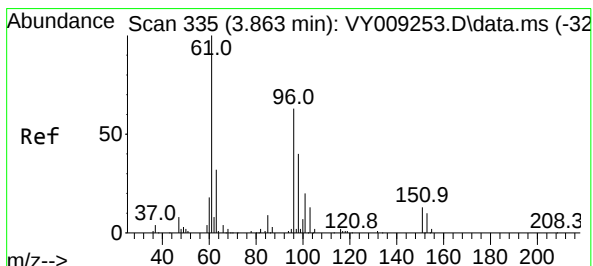
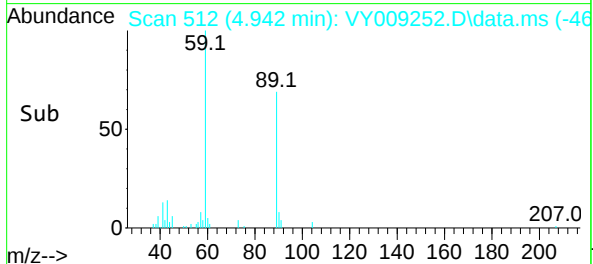
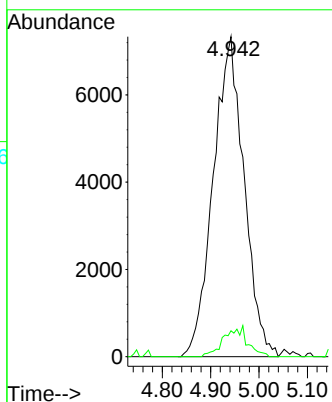
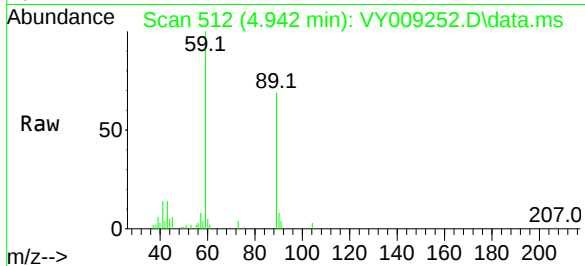




#11
Tert butyl alcohol
Concen: 114.109 ug/l
RT: 4.942 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

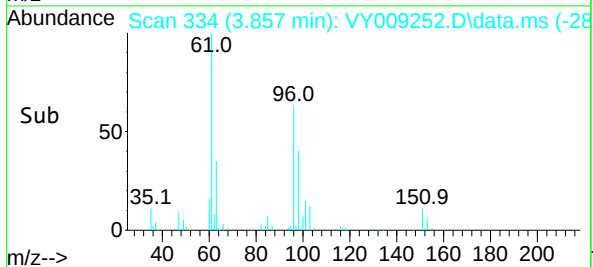
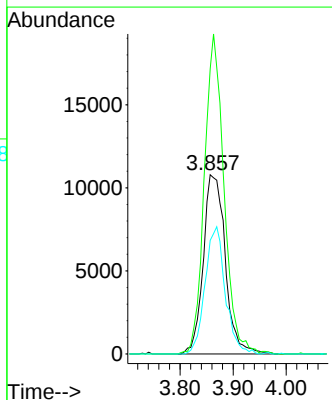
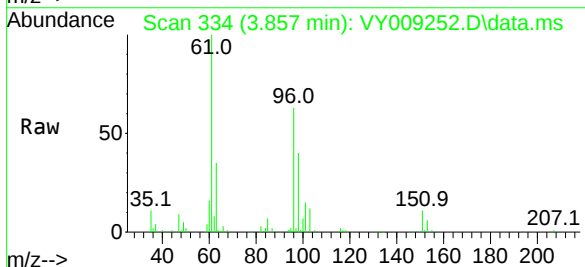
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

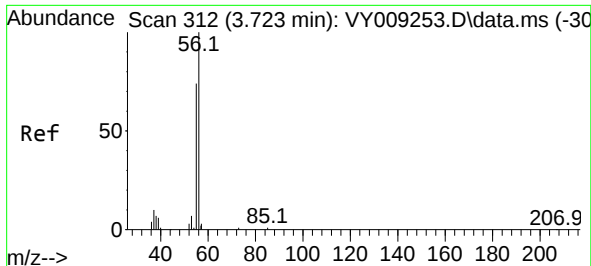
Tgt Ion: 59 Resp: 32514
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 19.410 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

Tgt Ion: 96 Resp: 31156
Ion Ratio Lower Upper
96 100
61 159.1 145.8 218.6
98 63.4 52.5 78.7

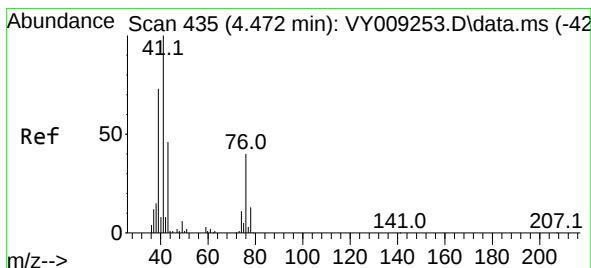
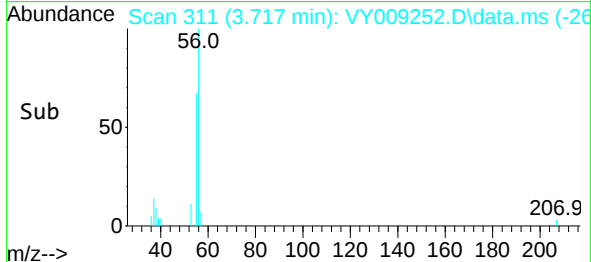
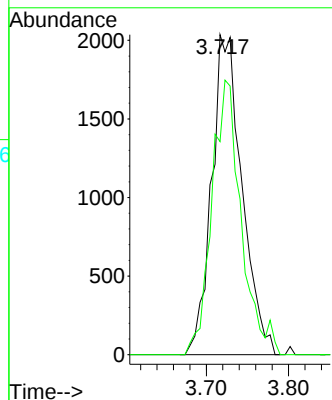
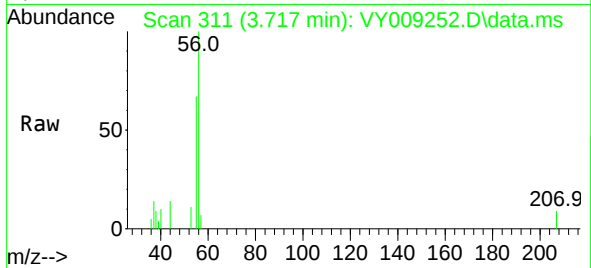




#13
Acrolein
Concen: 77.068 ug/l
RT: 3.717 min Scan# 312
Delta R.T. -0.006 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

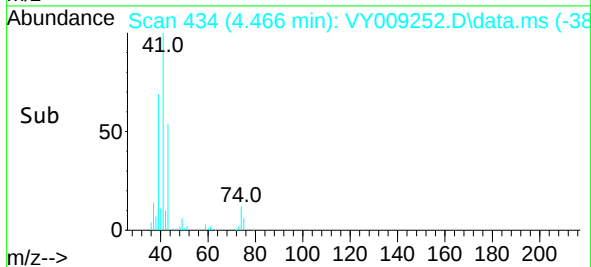
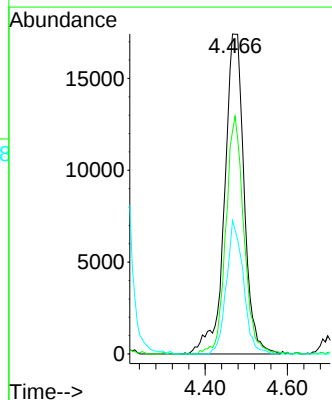
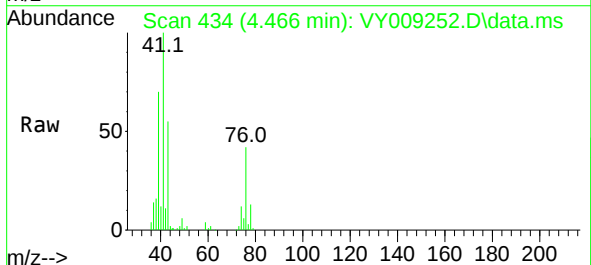
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

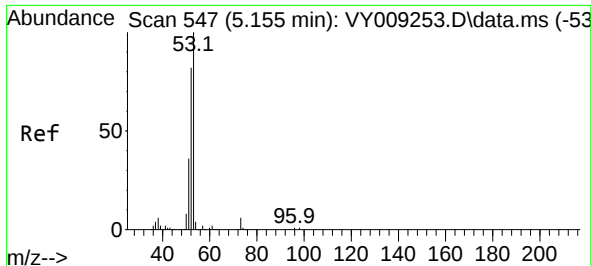
Tgt Ion: 56 Resp: 5212
Ion Ratio Lower Upper
56 100
55 83.1 57.6 86.4



#14
Allyl chloride
Concen: 19.941 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

Tgt Ion: 41 Resp: 57846
Ion Ratio Lower Upper
41 100
39 67.9 58.8 88.2
76 35.9 25.1 37.7

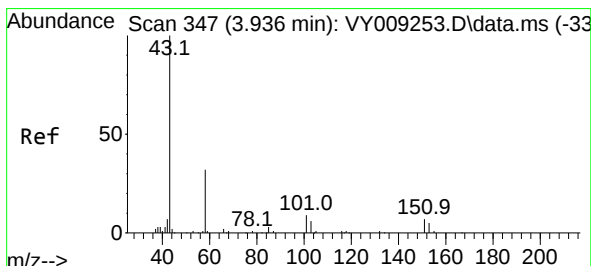
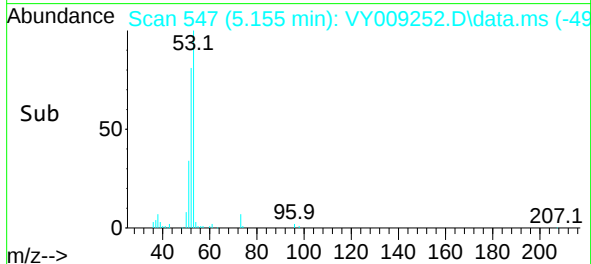
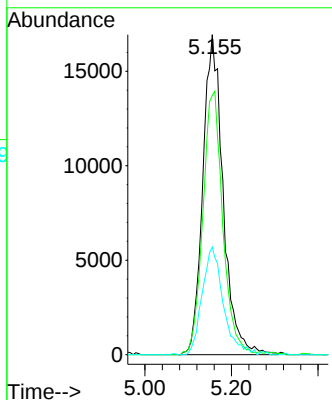
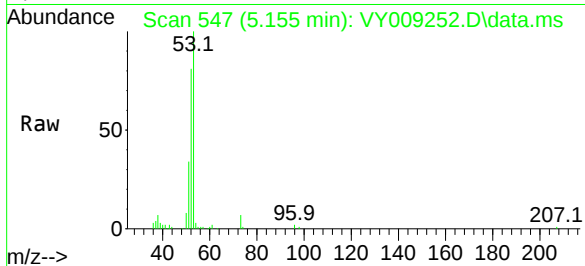




#15
Acrylonitrile
Concen: 101.743 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

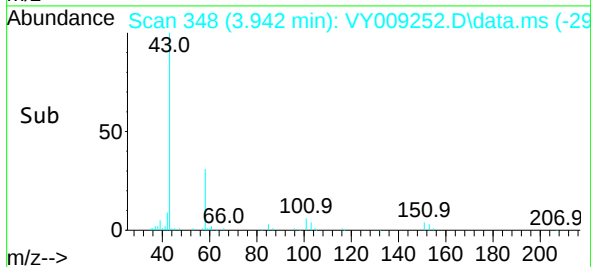
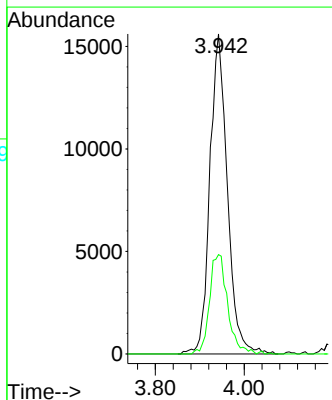
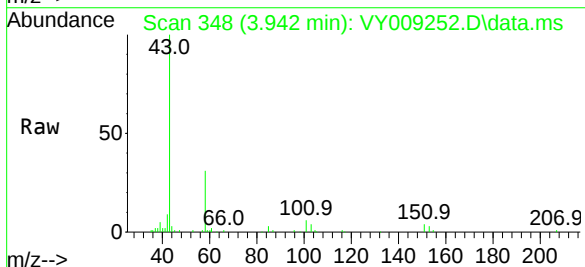
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

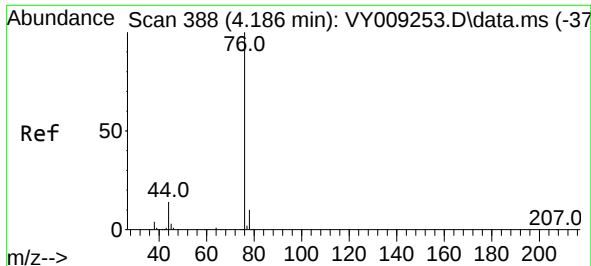
Tgt Ion: 53 Resp: 55052
Ion Ratio Lower Upper
53 100
52 80.9 67.0 100.4
51 34.9 29.8 44.6



#16
Acetone
Concen: 95.421 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

Tgt Ion: 43 Resp: 42633
Ion Ratio Lower Upper
43 100
58 31.0 22.0 33.0

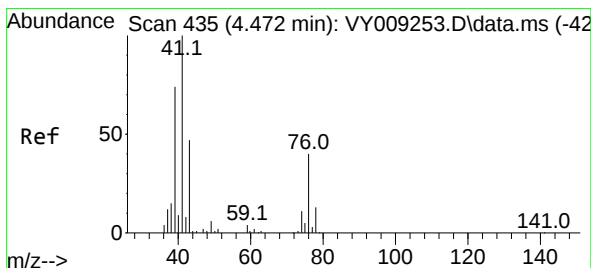
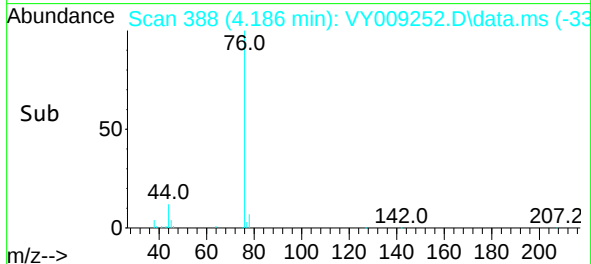
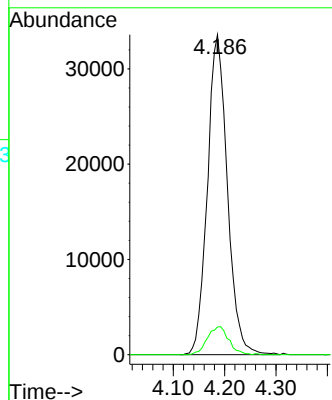
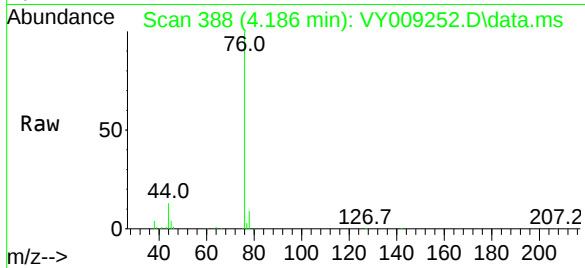




#17
Carbon Disulfide
Concen: 19.544 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

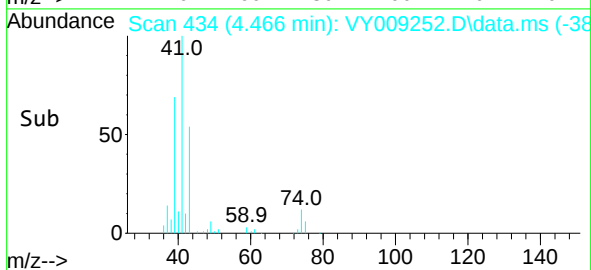
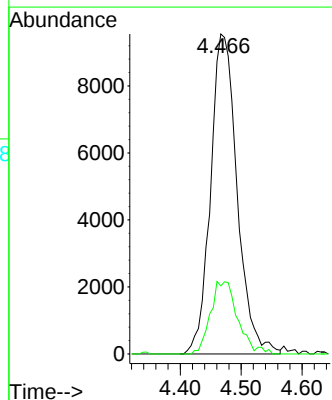
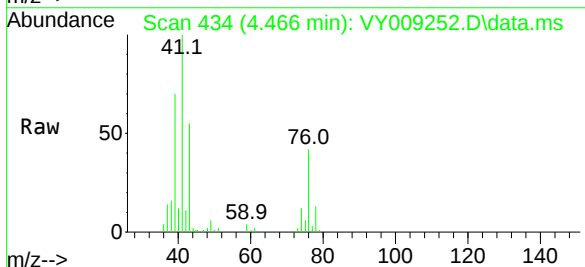
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

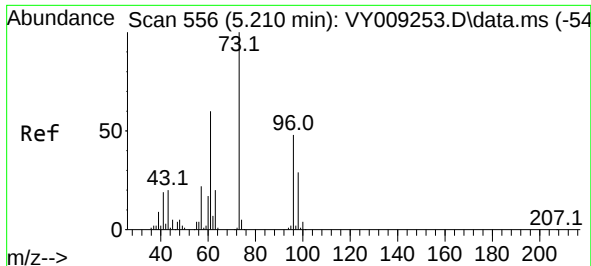
Tgt Ion: 76 Resp: 90480
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 19.499 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

Tgt Ion: 43 Resp: 28973
Ion Ratio Lower Upper
43 100
74 23.3 16.6 24.8

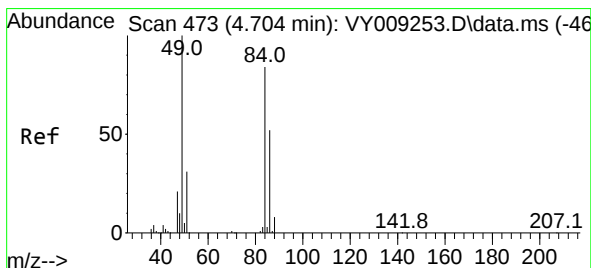
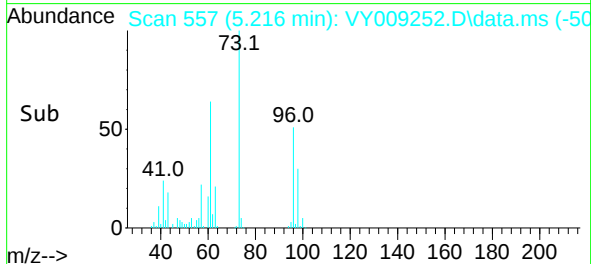
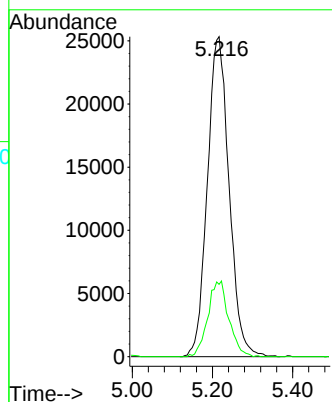
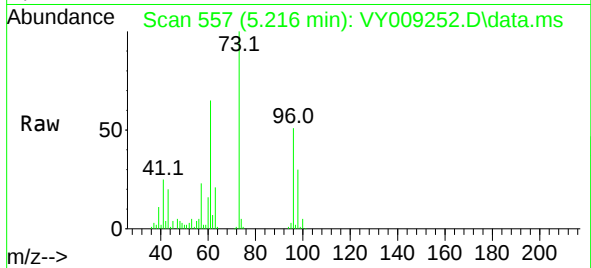




#19
Methyl tert-butyl Ether
Concen: 19.503 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

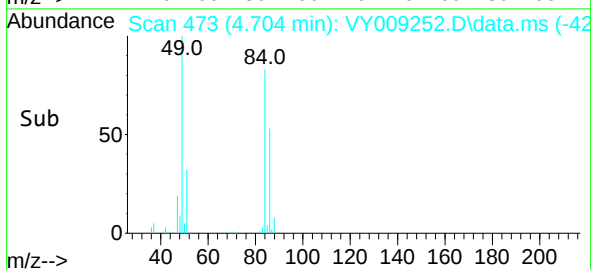
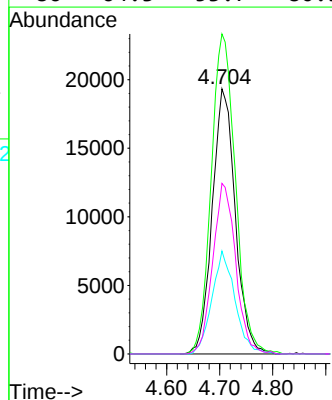
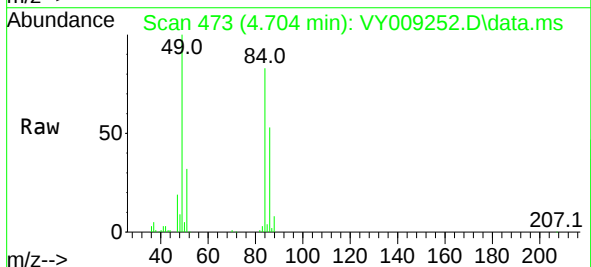
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

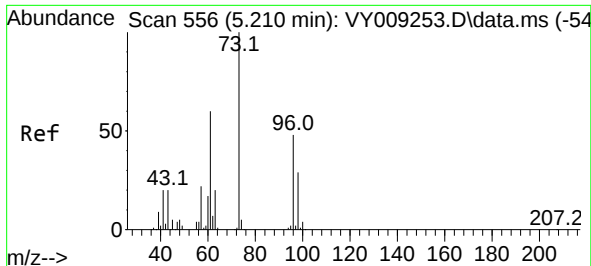
Tgt Ion: 73 Resp: 95212
Ion Ratio Lower Upper
73 100
57 22.6 18.6 27.8



#20
Methylene Chloride
Concen: 25.197 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

Tgt Ion: 84 Resp: 58395
Ion Ratio Lower Upper
84 100
49 120.7 114.4 171.6
51 38.8 35.3 52.9
86 64.3 53.7 80.5

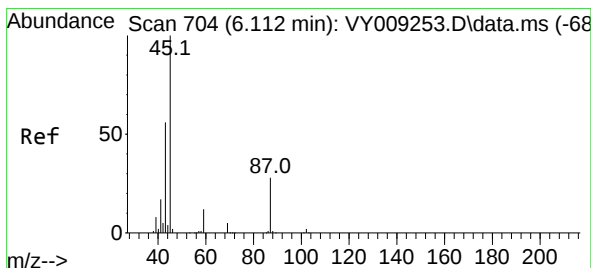
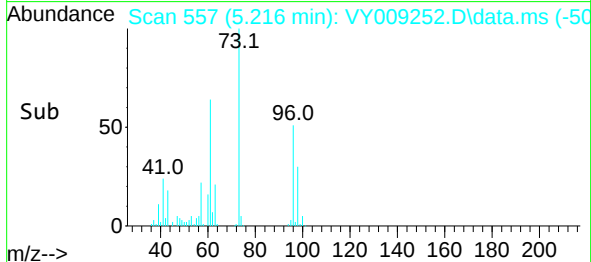
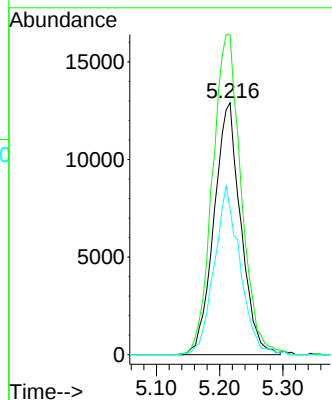
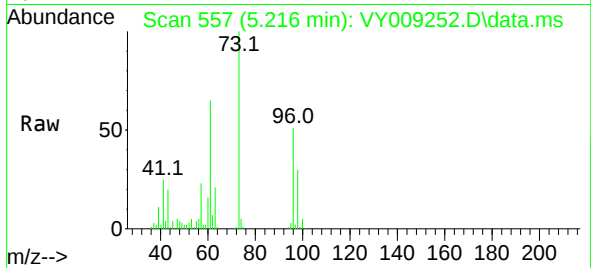




#21
trans-1,2-Dichloroethene
Concen: 20.042 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

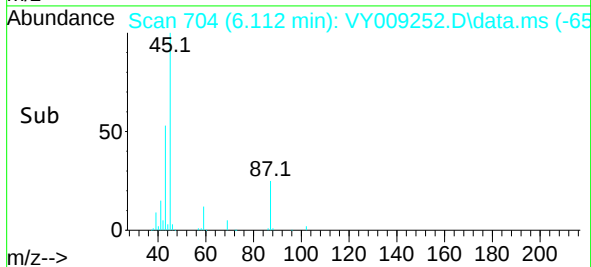
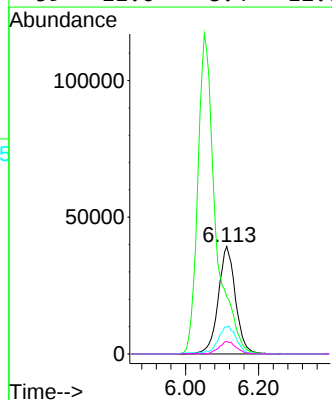
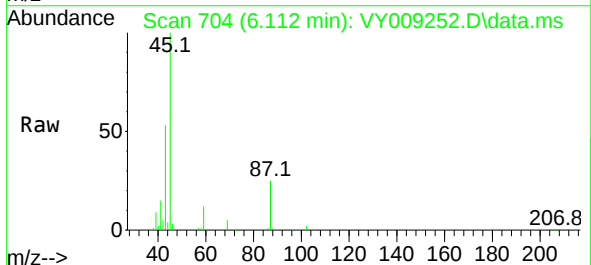
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

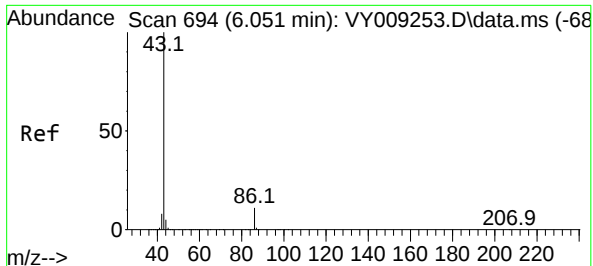
Tgt Ion: 96 Resp: 37886
Ion Ratio Lower Upper
96 100
61 126.6 120.5 180.7
98 57.9 49.8 74.8



#22
Diisopropyl ether
Concen: 21.235 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

Tgt Ion: 45 Resp: 128716
Ion Ratio Lower Upper
45 100
43 53.1 49.3 73.9
87 25.2 19.2 28.8
59 11.6 8.4 12.6

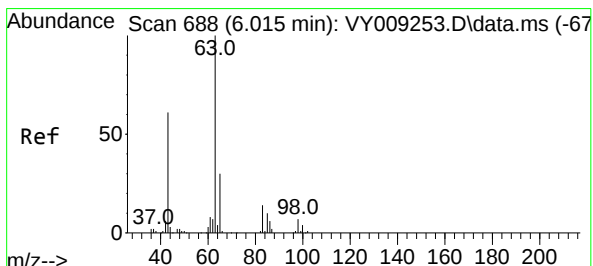
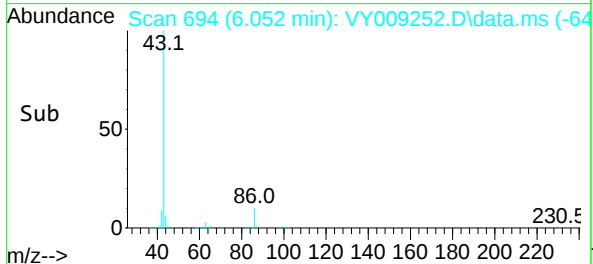
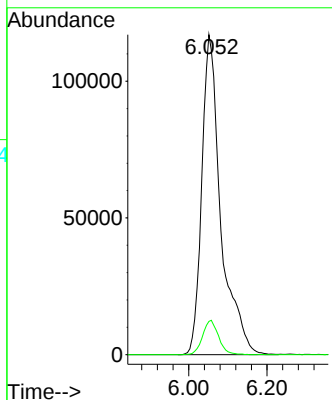
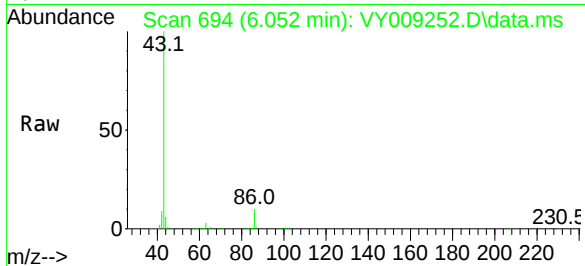




#23
 Vinyl Acetate
 Concen: 104.288 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY009252.D
 Acq: 21 Jun 2022 12:33

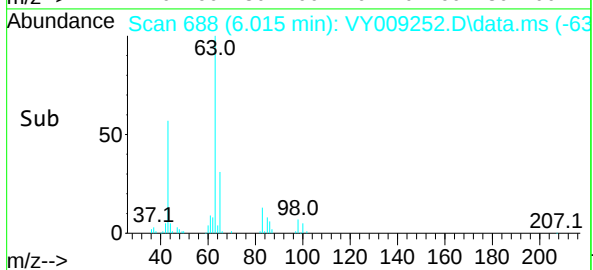
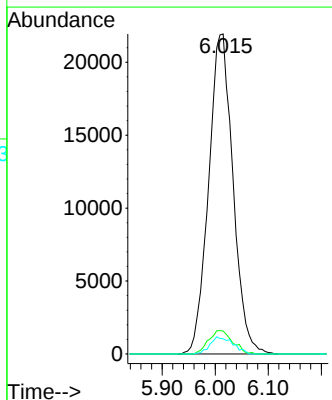
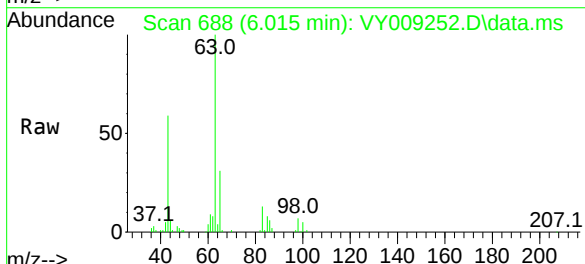
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

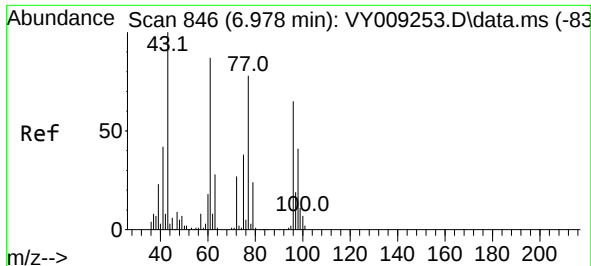
Tgt Ion: 43 Resp: 395374
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 20.524 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY009252.D
 Acq: 21 Jun 2022 12:33

Tgt Ion: 63 Resp: 70012
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.8 2.0 5.8

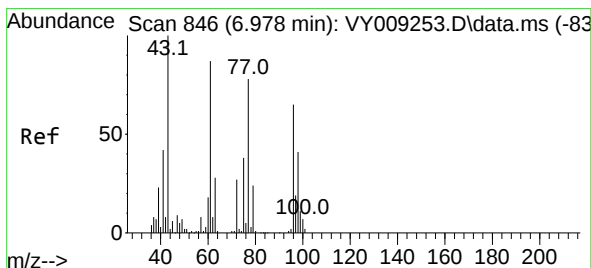
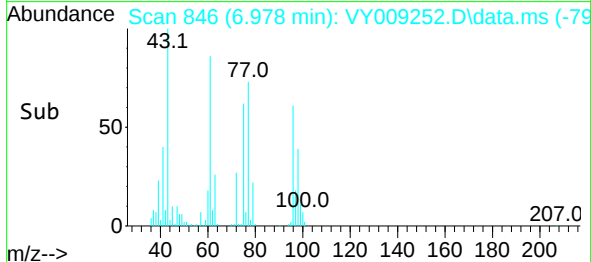
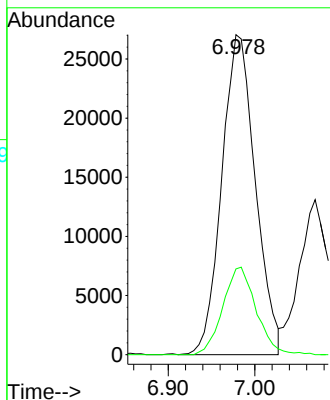
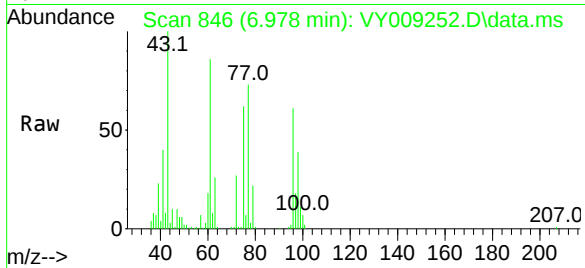




#25
2-Butanone
Concen: 102.797 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

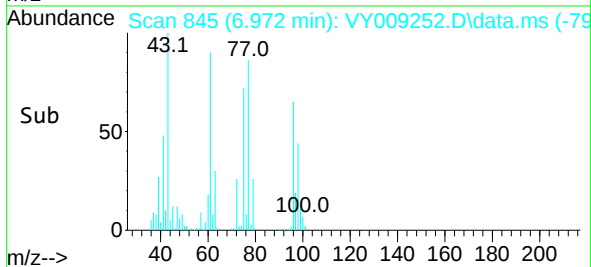
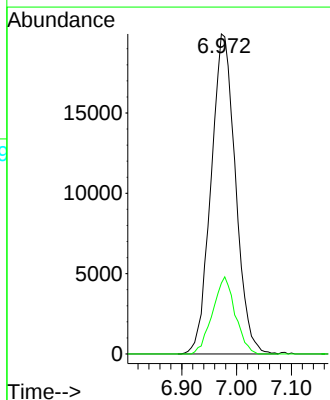
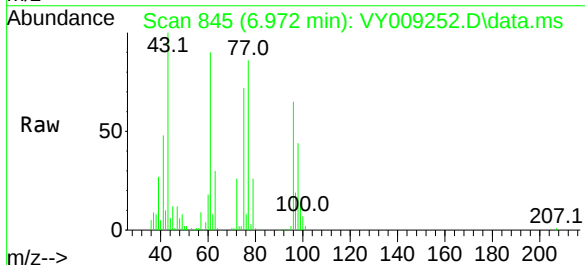
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

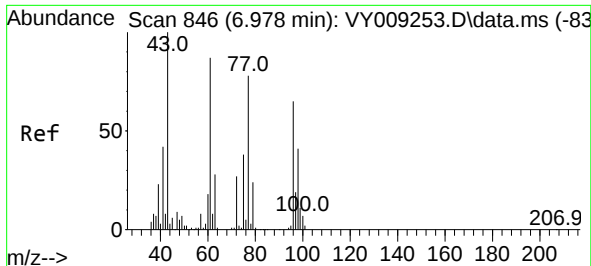
Tgt Ion: 43 Resp: 72906
Ion Ratio Lower Upper
43 100
72 26.8 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 20.283 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

Tgt Ion: 77 Resp: 61672
Ion Ratio Lower Upper
77 100
97 22.3 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 19.944 ug/l

RT: 6.978 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY009252.D

Acq: 21 Jun 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

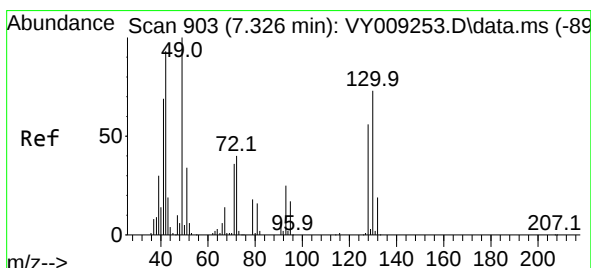
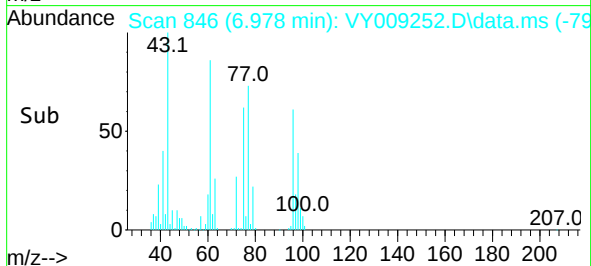
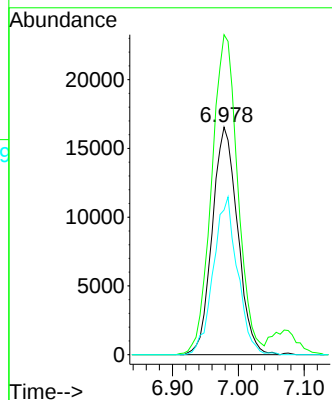
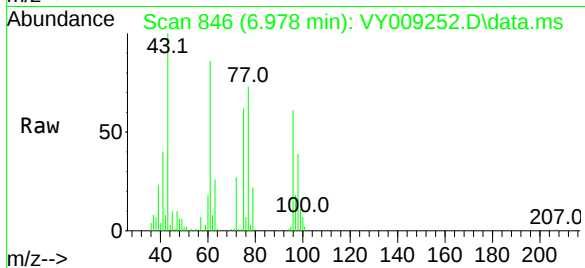
Tgt Ion: 96 Resp: 44445

Ion Ratio Lower Upper

96 100

61 145.0 0.0 319.8

98 66.2 0.0 127.0



#28

Bromochloromethane

Concen: 19.889 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY009252.D

Acq: 21 Jun 2022 12:33

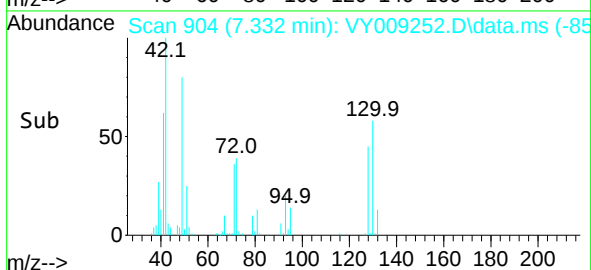
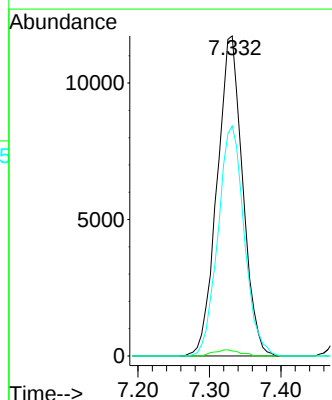
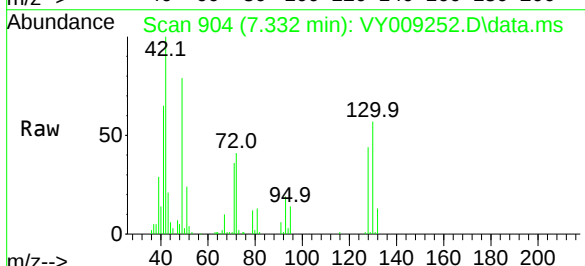
Tgt Ion: 49 Resp: 29093

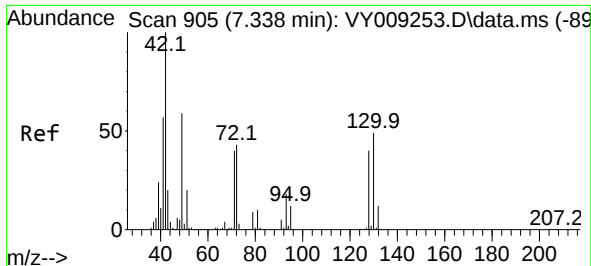
Ion Ratio Lower Upper

49 100

129 1.9 0.0 2.2

130 73.8 55.4 83.0





#29

Tetrahydrofuran

Concen: 104.618 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY009252.D

Acq: 21 Jun 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

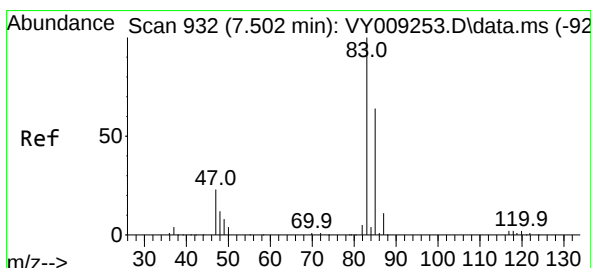
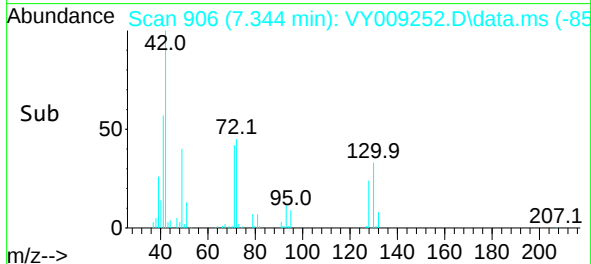
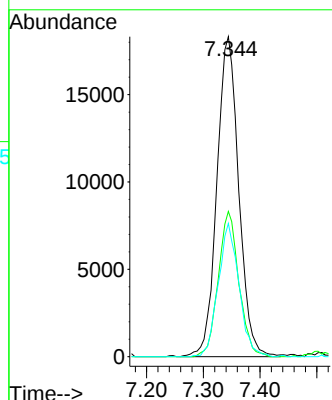
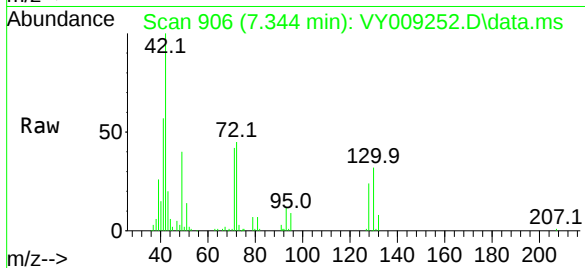
Tgt Ion: 42 Resp: 49038

Ion Ratio Lower Upper

42 100

72 42.8 30.3 45.5

71 39.6 29.0 43.4



#30

Chloroform

Concen: 20.254 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY009252.D

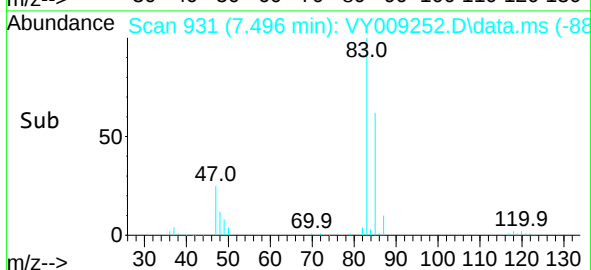
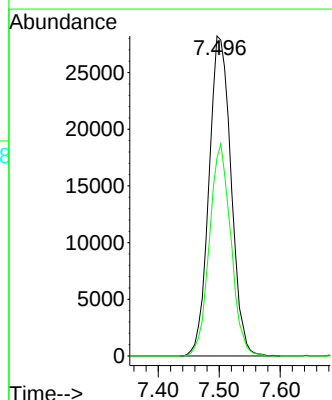
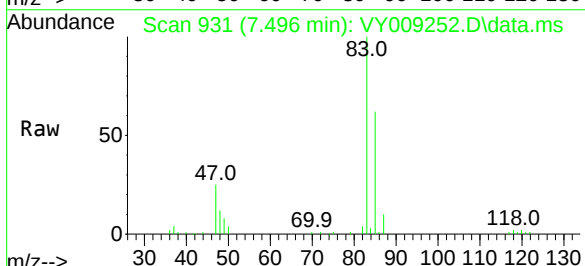
Acq: 21 Jun 2022 12:33

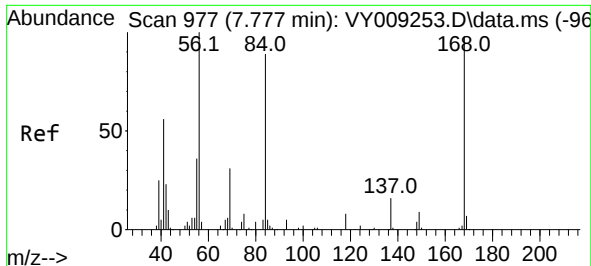
Tgt Ion: 83 Resp: 71196

Ion Ratio Lower Upper

83 100

85 61.9 51.8 77.6

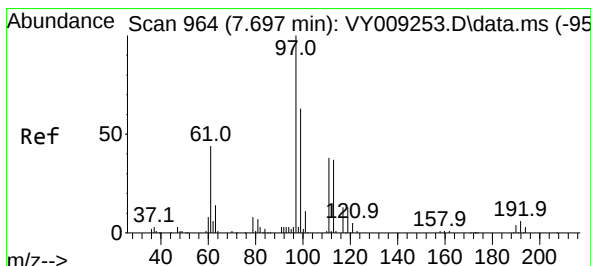
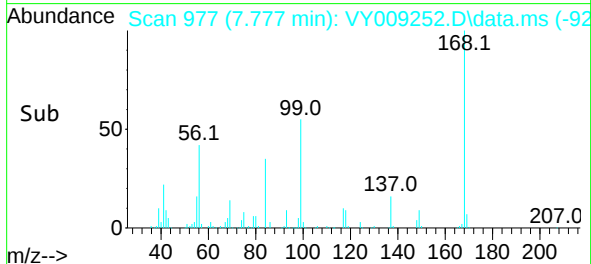
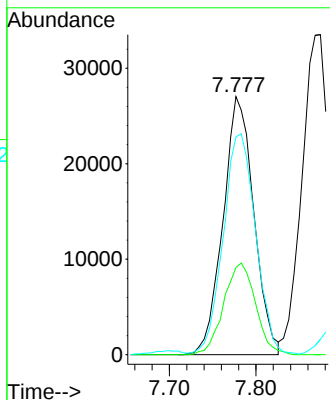
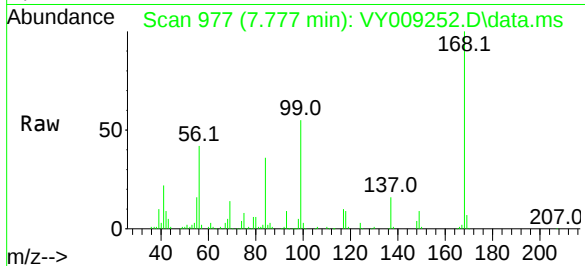




#31
Cyclohexane
Concen: 20.986 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

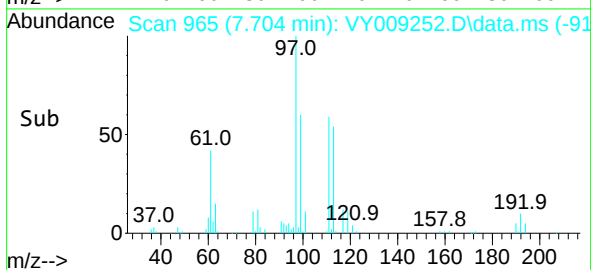
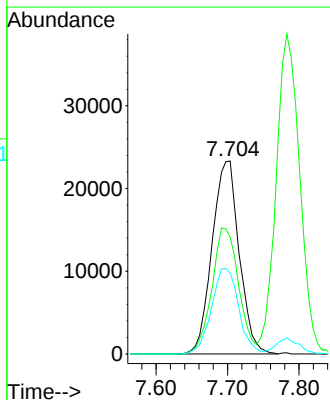
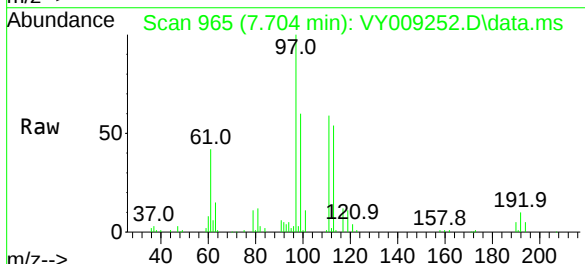
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

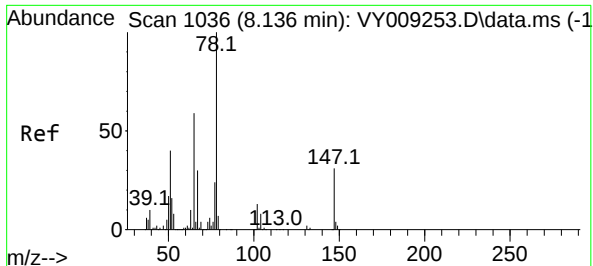
Tgt Ion: 56 Resp: 66768
Ion Ratio Lower Upper
56 100
69 33.8 26.7 40.1
84 83.0 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 19.959 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

Tgt Ion: 97 Resp: 61446
Ion Ratio Lower Upper
97 100
99 64.4 50.7 76.1
61 44.2 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 21.693 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009252.D

Acq: 21 Jun 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

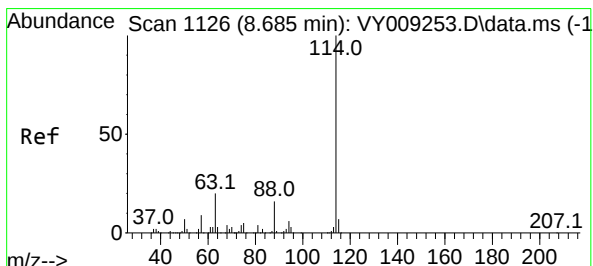
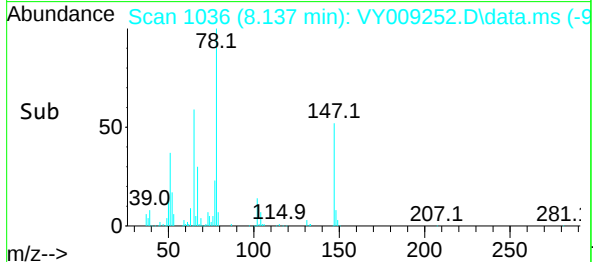
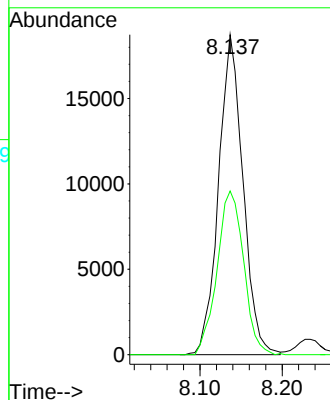
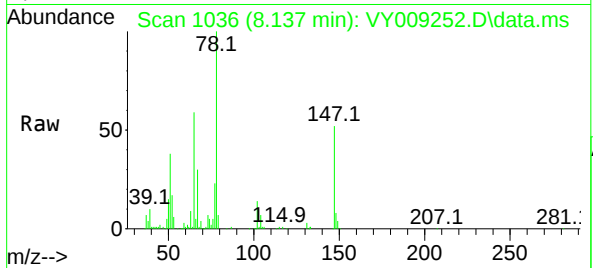
VSTDICC020

Tgt Ion: 65 Resp: 38679

Ion Ratio Lower Upper

65 100

67 55.6 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: VY009252.D

Acq: 21 Jun 2022 12:33

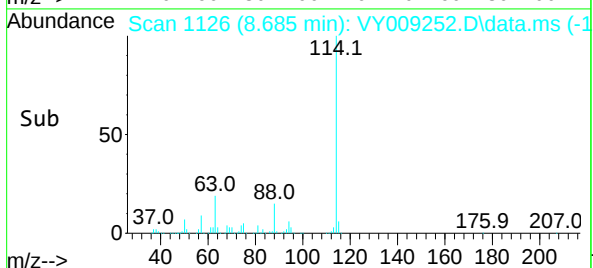
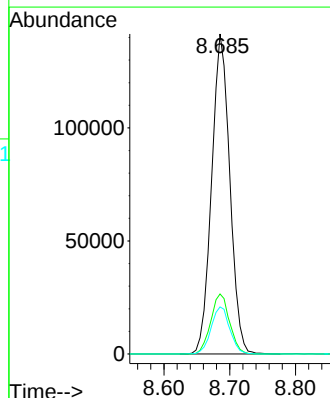
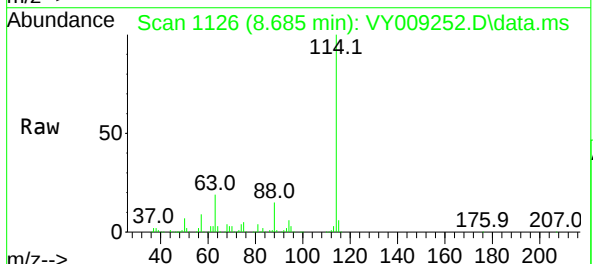
Tgt Ion: 114 Resp: 272056

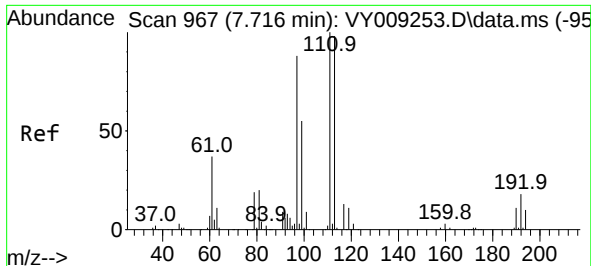
Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 14.7 0.0 31.8

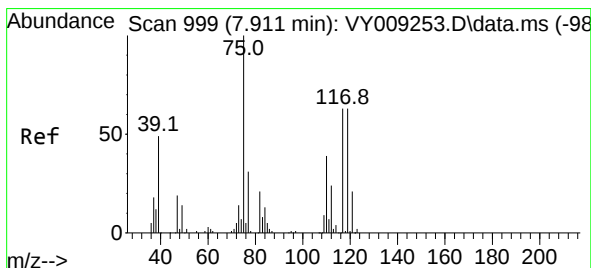
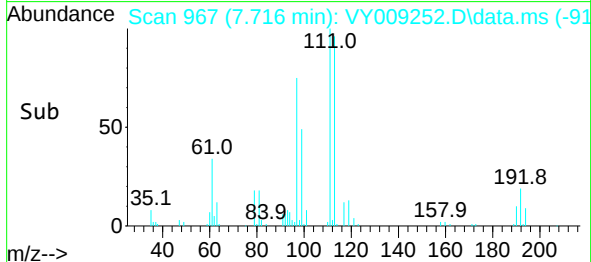
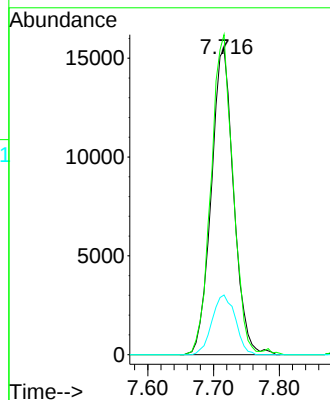
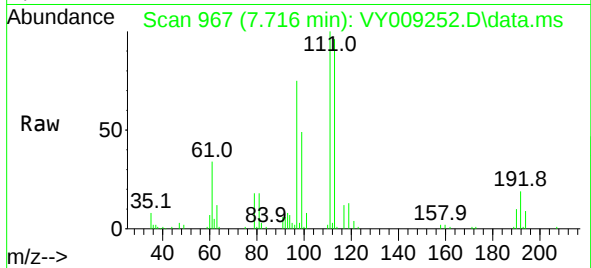




#35
Dibromofluoromethane
Concen: 21.586 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

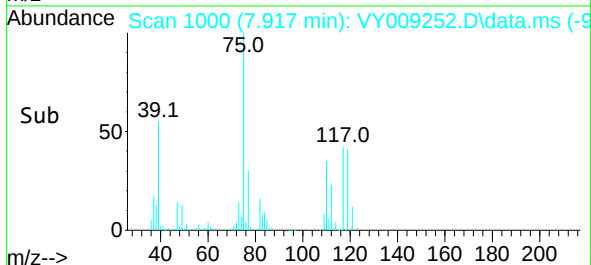
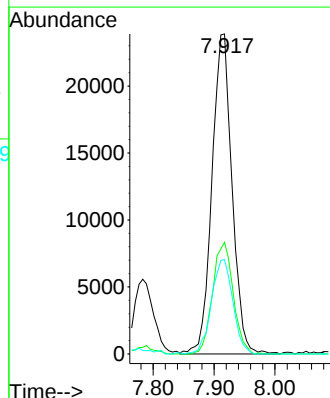
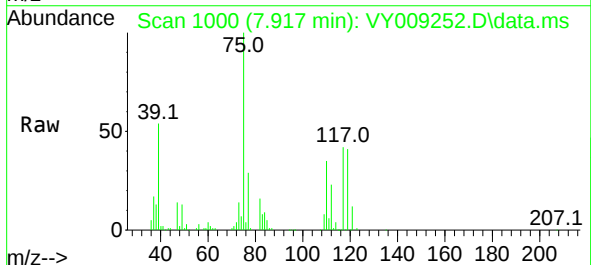
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

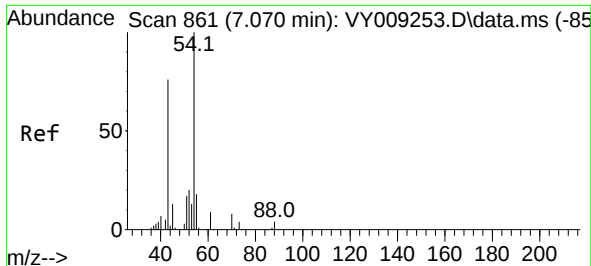
Tgt Ion:113 Resp: 36864
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 20.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 21.016 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

Tgt Ion: 75 Resp: 54741
Ion Ratio Lower Upper
75 100
110 35.8 17.1 51.2
77 31.4 24.4 36.6

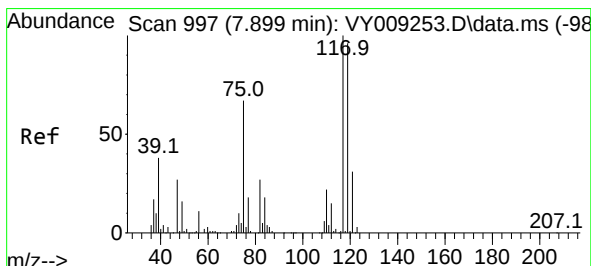
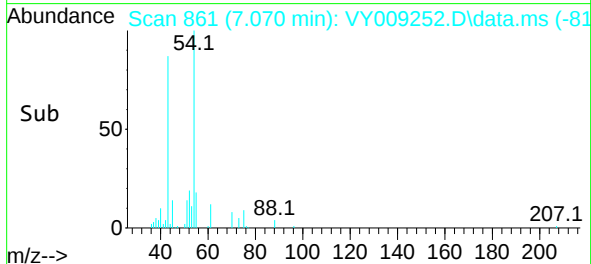
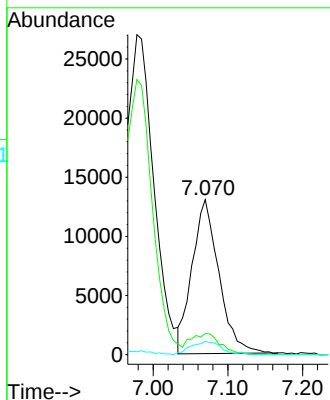
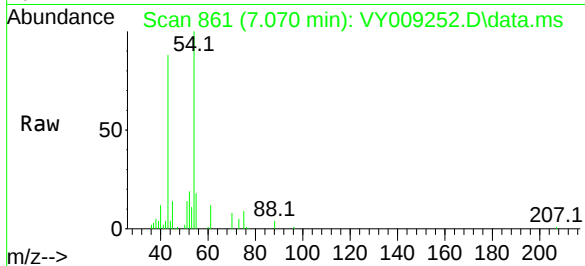




#37
Ethyl Acetate
Concen: 20.845 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

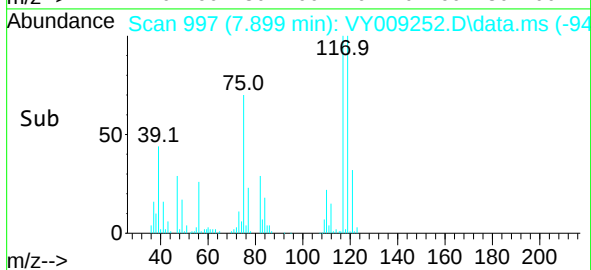
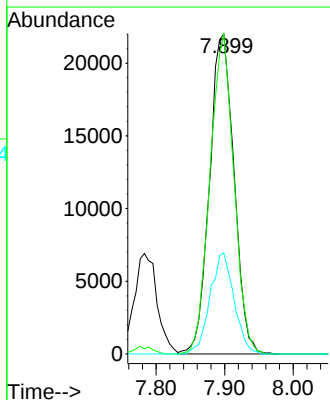
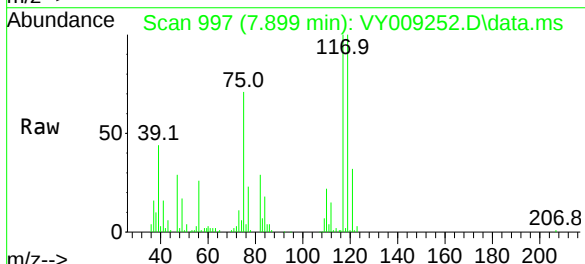
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

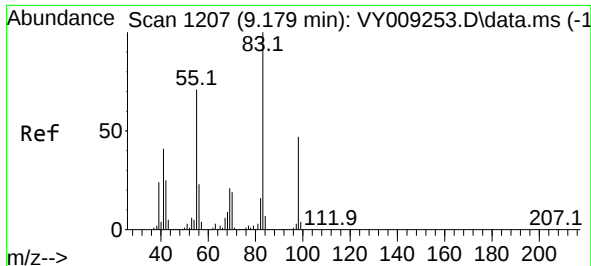
Tgt Ion: 43 Resp: 32350
Ion Ratio Lower Upper
43 100
61 15.4 9.7 14.5#
70 9.5 7.1 10.7



#38
Carbon Tetrachloride
Concen: 20.256 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

Tgt Ion: 117 Resp: 54703
Ion Ratio Lower Upper
117 100
119 100.0 77.9 116.9
121 31.6 24.8 37.2





#39

Methylcyclohexane

Concen: 21.838 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009252.D

Acq: 21 Jun 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

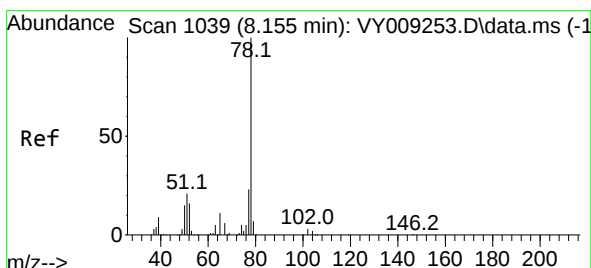
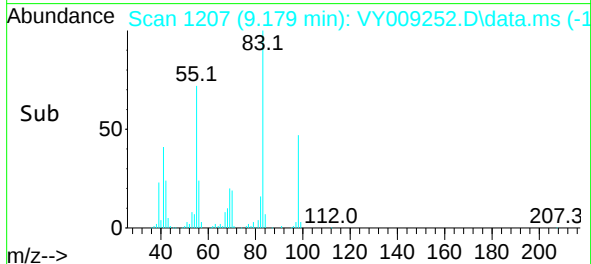
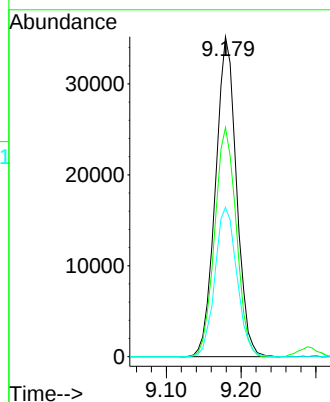
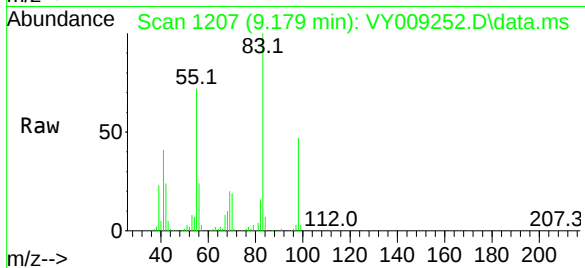
Tgt Ion: 83 Resp: 68764

Ion Ratio Lower Upper

83 100

55 71.6 66.5 99.7

98 46.7 37.9 56.9



#40

Benzene

Concen: 21.361 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY009252.D

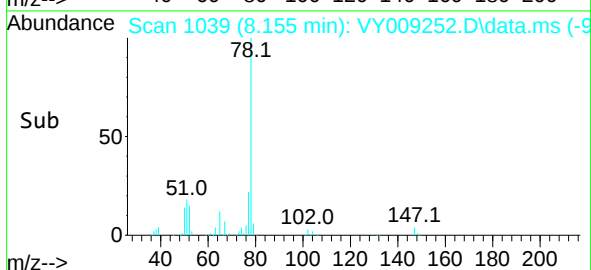
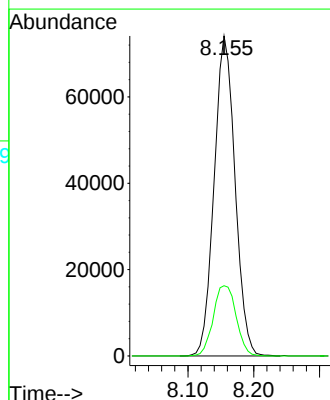
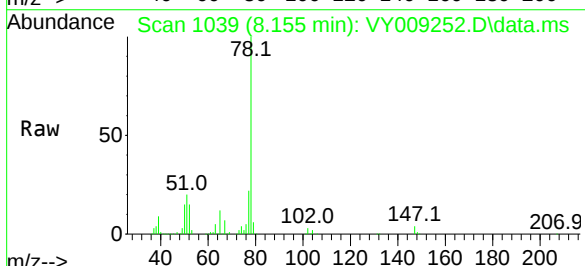
Acq: 21 Jun 2022 12:33

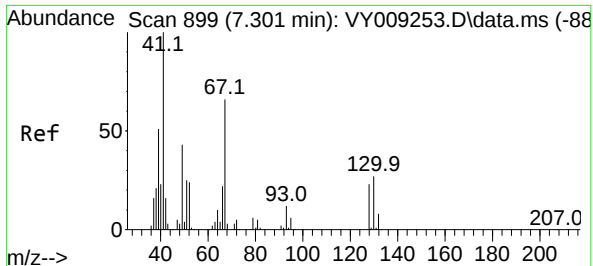
Tgt Ion: 78 Resp: 163865

Ion Ratio Lower Upper

78 100

77 22.0 20.4 30.6

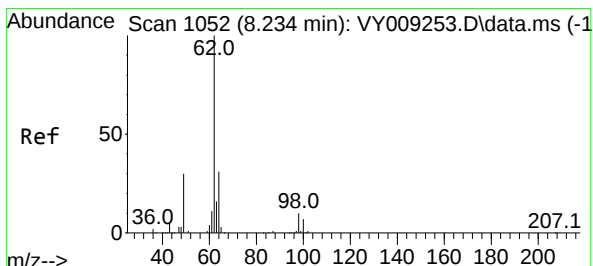
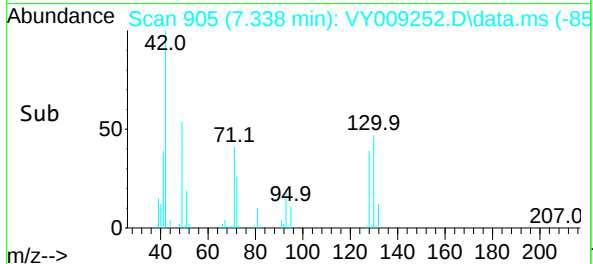
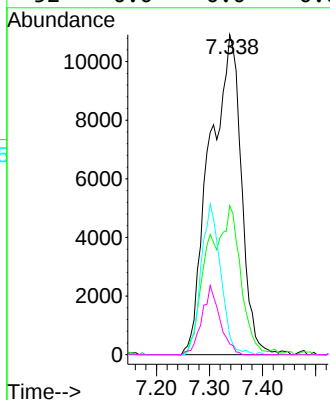
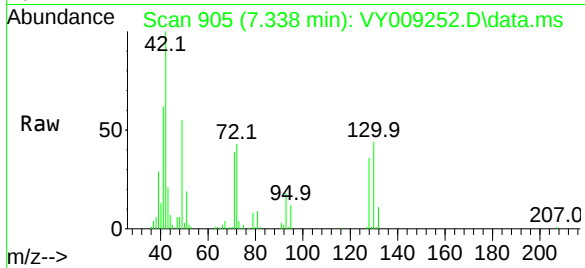




#41
Methacrylonitrile
Concen: 53.595 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.037 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

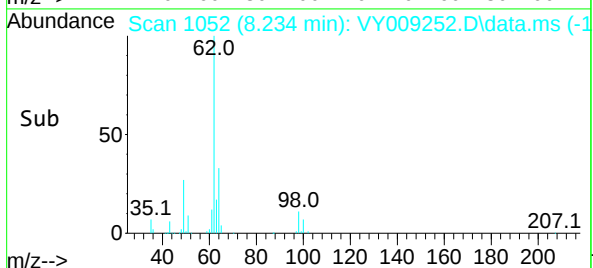
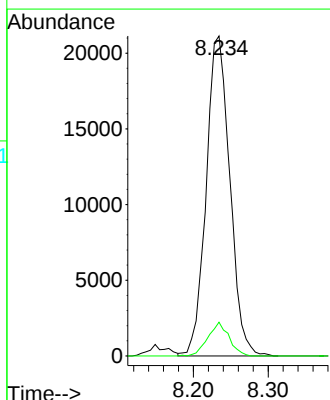
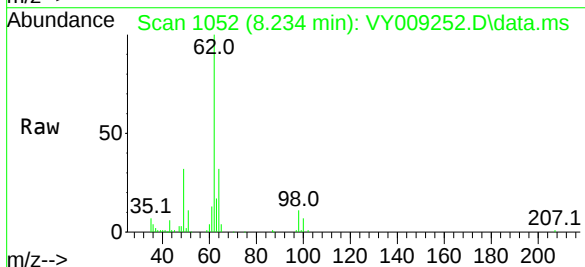
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

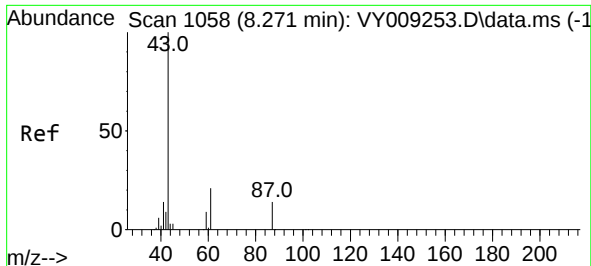
Tgt Ion: 41 Resp: 44957
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.926 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

Tgt Ion: 62 Resp: 46606
Ion Ratio Lower Upper
62 100
98 9.4 0.0 14.8

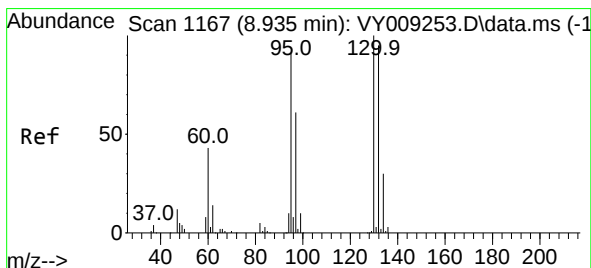
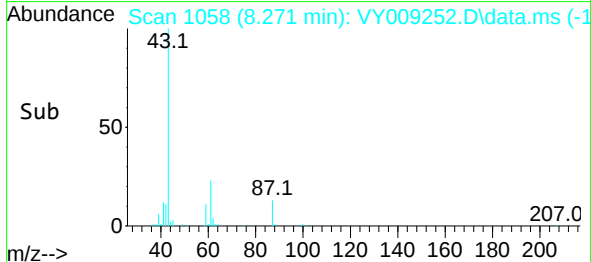
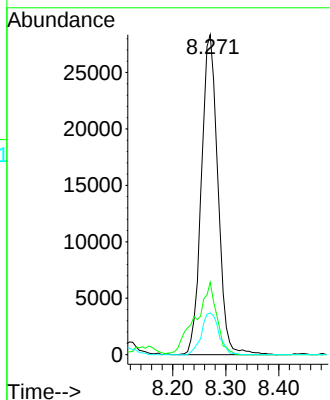
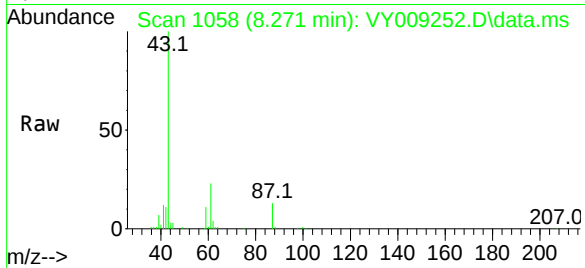




#43
Isopropyl Acetate
Concen: 21.330 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

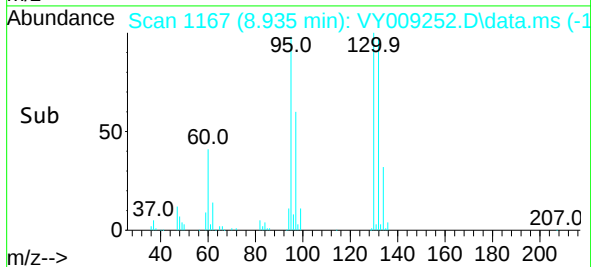
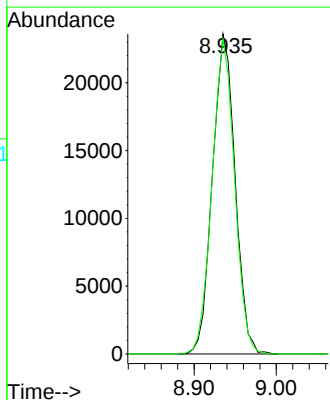
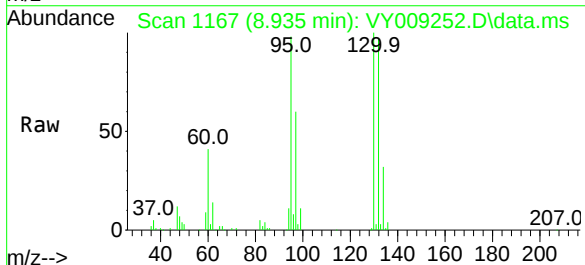
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

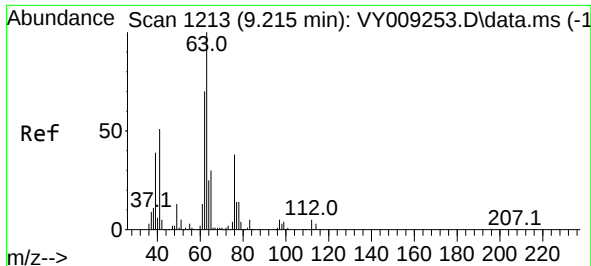
Tgt Ion: 43 Resp: 61243
Ion Ratio Lower Upper
43 100
61 29.0 20.2 30.2
87 13.8 8.9 13.3#



#44
Trichloroethene
Concen: 20.630 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

Tgt Ion:130 Resp: 45106
Ion Ratio Lower Upper
130 100
95 98.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 21.611 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY009252.D

Acq: 21 Jun 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

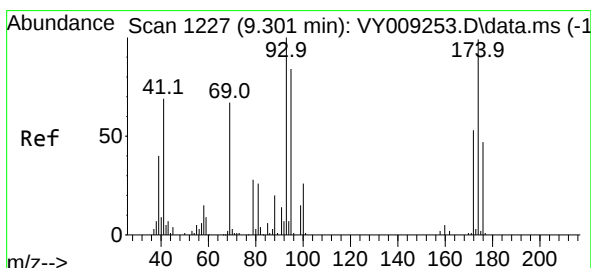
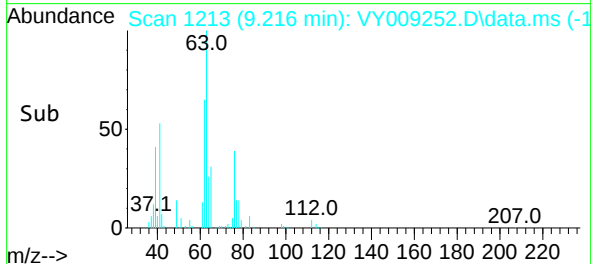
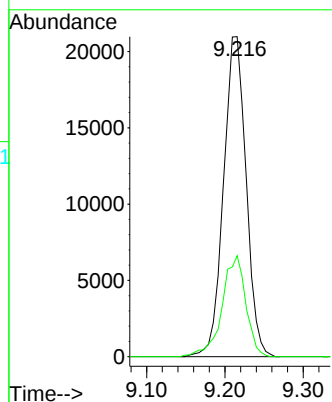
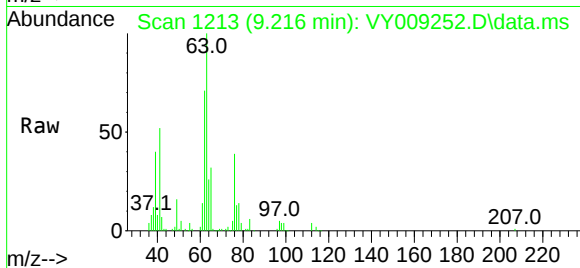
VSTDICC020

Tgt Ion: 63 Resp: 42093

Ion Ratio Lower Upper

63 100

65 31.5 23.0 34.6



#46

Dibromomethane

Concen: 21.465 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY009252.D

Acq: 21 Jun 2022 12:33

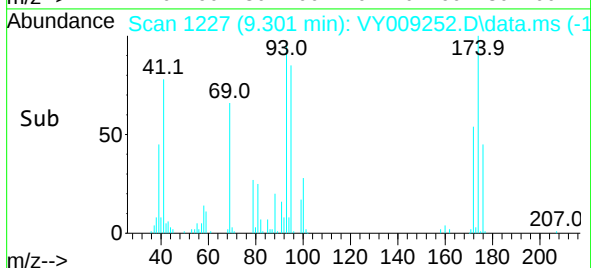
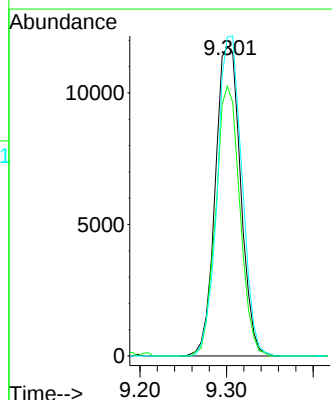
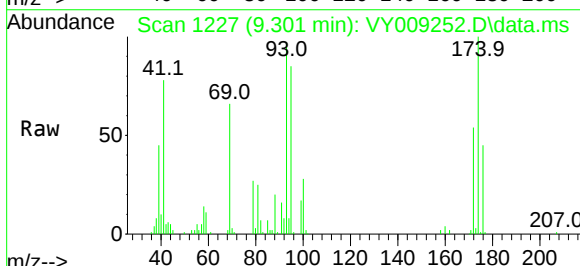
Tgt Ion: 93 Resp: 23913

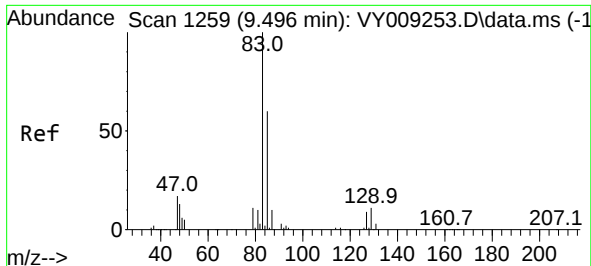
Ion Ratio Lower Upper

93 100

95 82.8 64.3 96.5

174 100.4 83.4 125.0



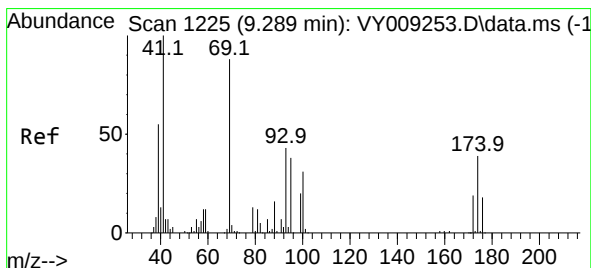
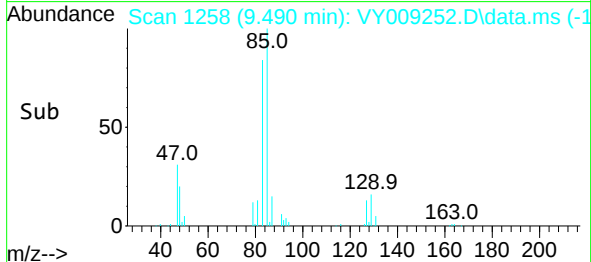
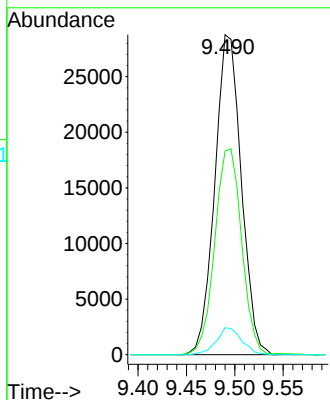
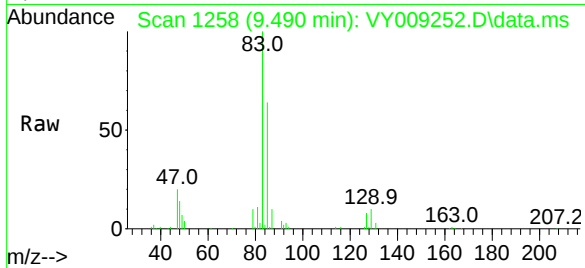


#47
 Bromodichloromethane
 Concen: 20.572 ug/l
 RT: 9.490 min Scan# 1258
 Delta R.T. -0.006 min
 Lab File: VY009252.D
 Acq: 21 Jun 2022 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion: 83 Resp: 54778

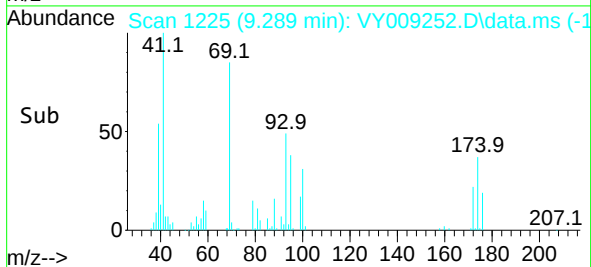
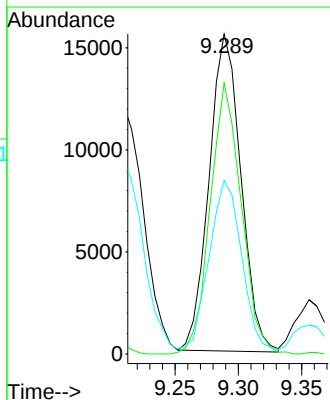
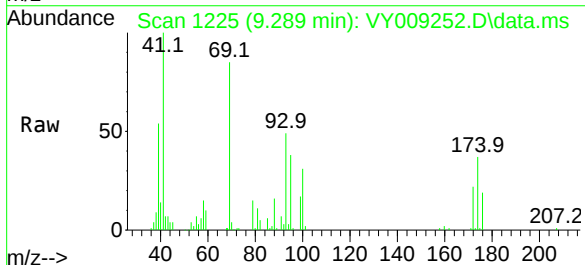
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.9	77.9
127	8.4	6.6	10.0

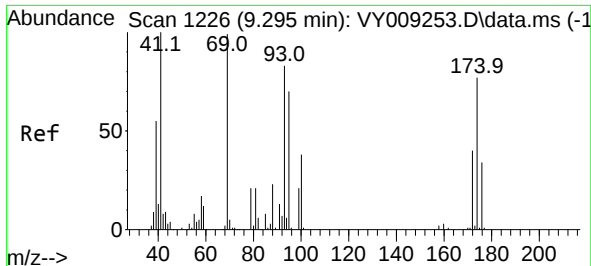


#48
 Methyl methacrylate
 Concen: 21.382 ug/l
 RT: 9.289 min Scan# 1225
 Delta R.T. 0.000 min
 Lab File: VY009252.D
 Acq: 21 Jun 2022 12:33

Tgt Ion: 41 Resp: 27200

Ion	Ratio	Lower	Upper
41	100		
69	83.3	58.2	87.2
39	57.3	47.4	71.0





#49

1,4-Dioxane

Concen: 419.636 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY009252.D

Acq: 21 Jun 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

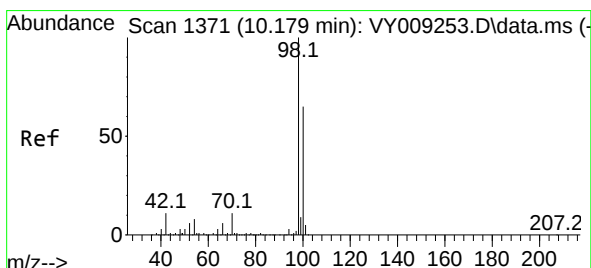
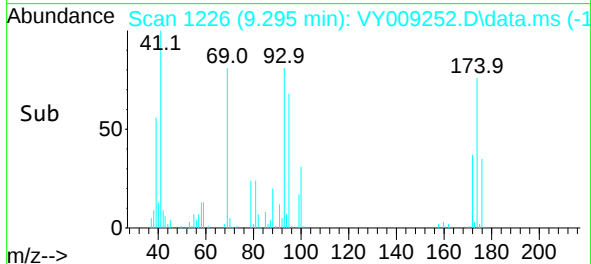
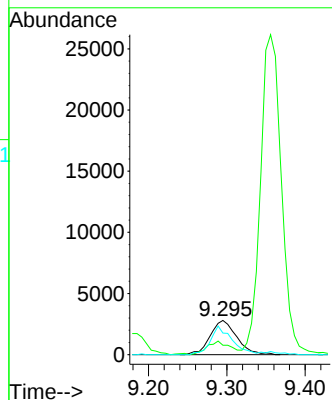
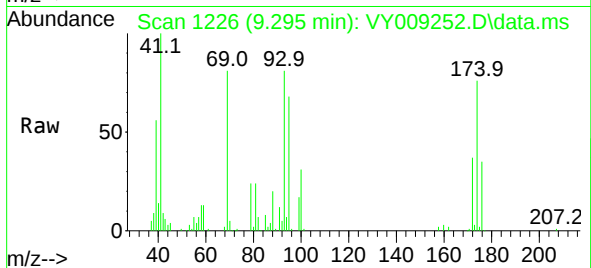
Tgt Ion: 88 Resp: 6586

Ion Ratio Lower Upper

88 100

43 35.2 32.8 49.2

58 67.8 59.8 89.6



#50

Toluene-d8

Concen: 22.325 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY009252.D

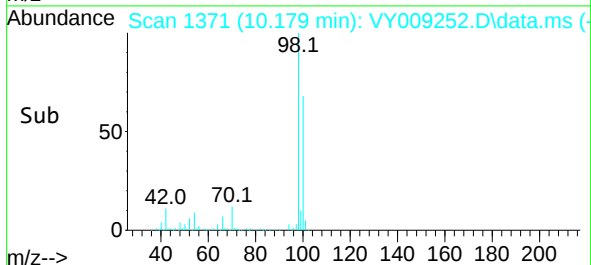
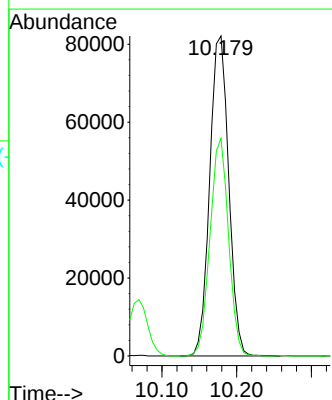
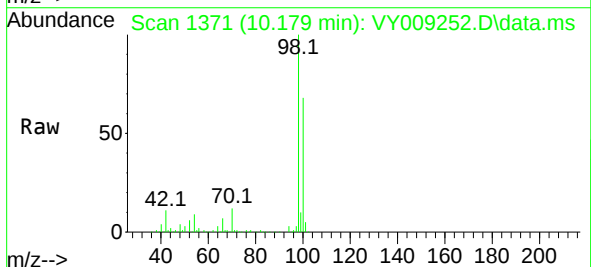
Acq: 21 Jun 2022 12:33

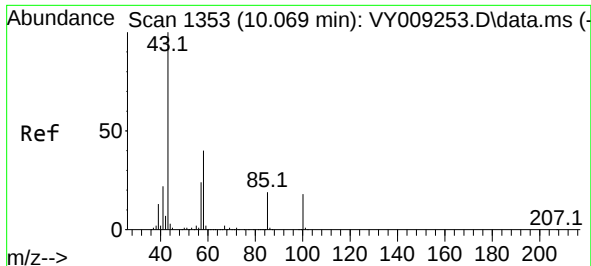
Tgt Ion: 98 Resp: 144846

Ion Ratio Lower Upper

98 100

100 66.2 50.2 75.2

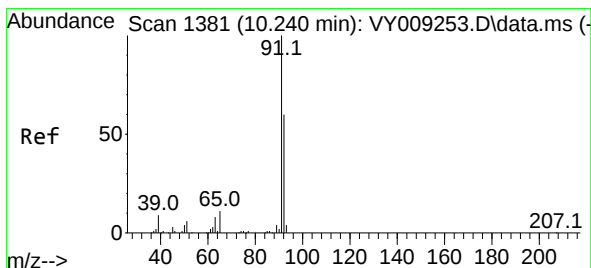
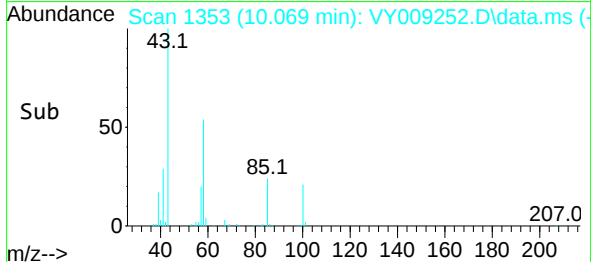
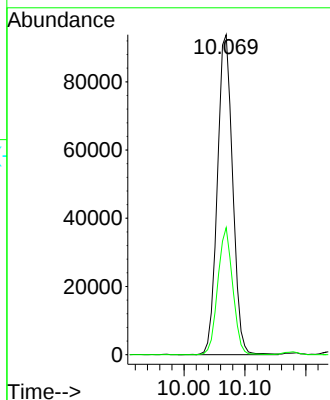
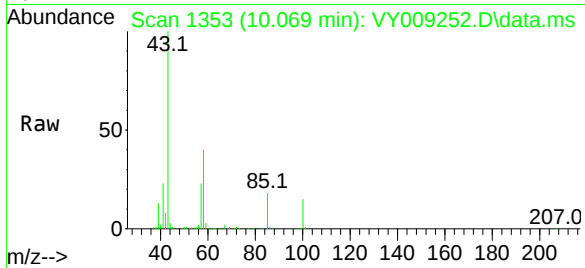




#51
4-Methyl-2-Pentanone
Concen: 108.171 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

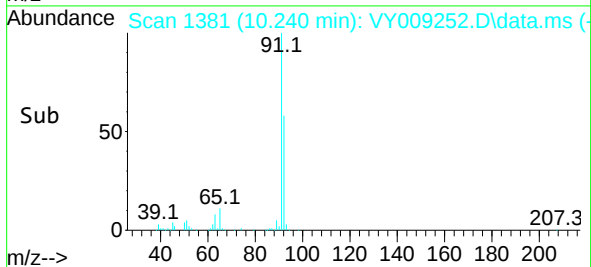
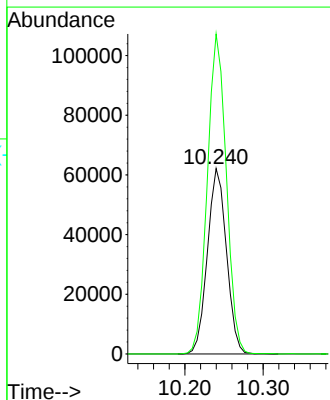
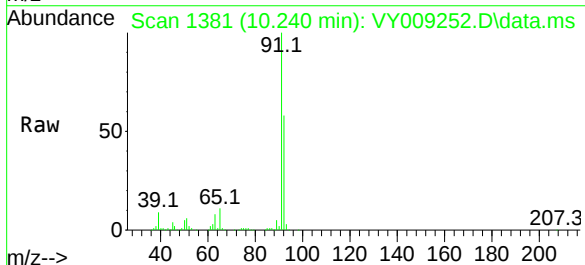
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

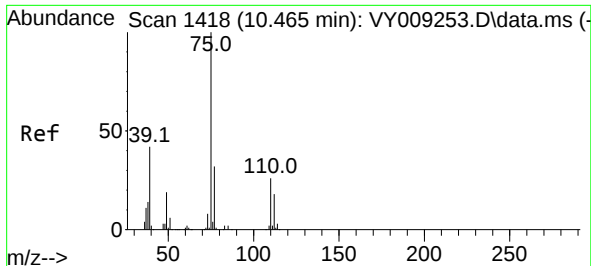
Tgt Ion: 43 Resp: 163119
Ion Ratio Lower Upper
43 100
58 38.8 28.1 42.1



#52
Toluene
Concen: 21.460 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

Tgt Ion: 92 Resp: 104903
Ion Ratio Lower Upper
92 100
91 171.5 142.6 213.8

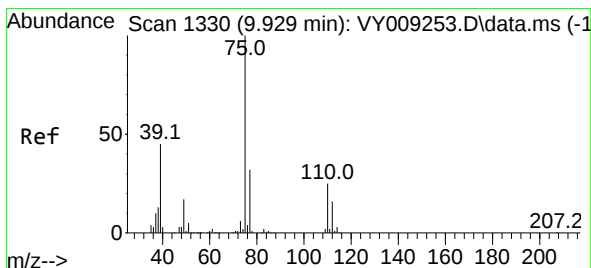
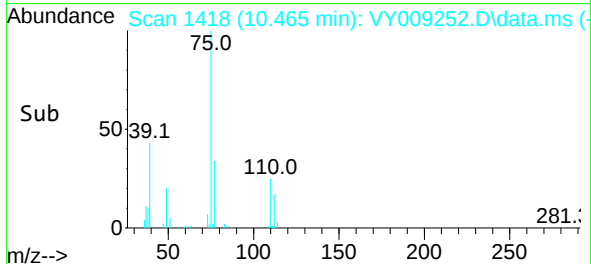
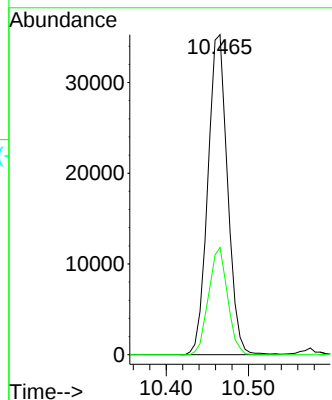
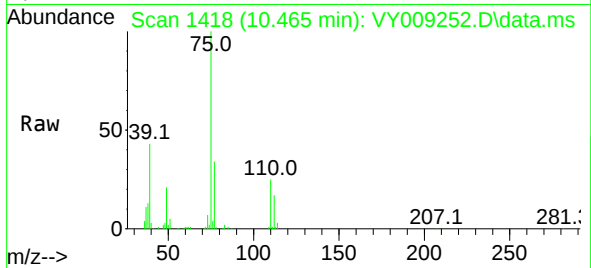




#53
 t-1,3-Dichloropropene
 Concen: 21.007 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY009252.D
 Acq: 21 Jun 2022 12:33

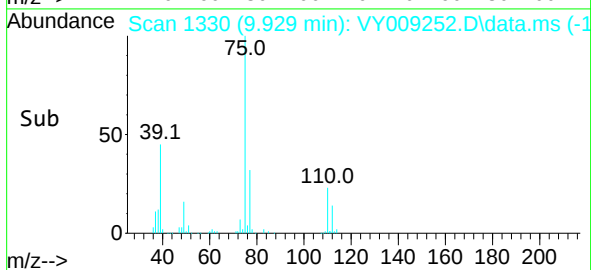
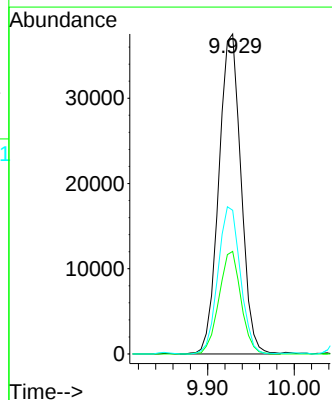
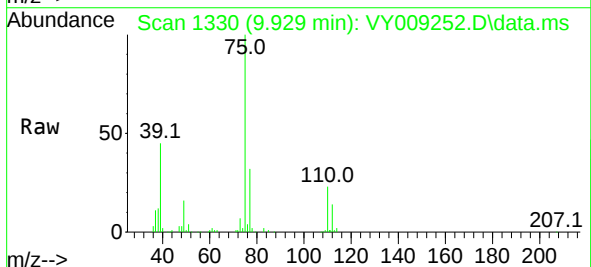
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

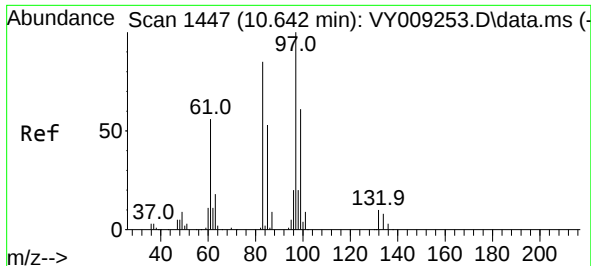
Tgt Ion: 75 Resp: 58627
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 21.126 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY009252.D
 Acq: 21 Jun 2022 12:33

Tgt Ion: 75 Resp: 66787
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.6 38.4
 39 44.9 47.6 71.4#

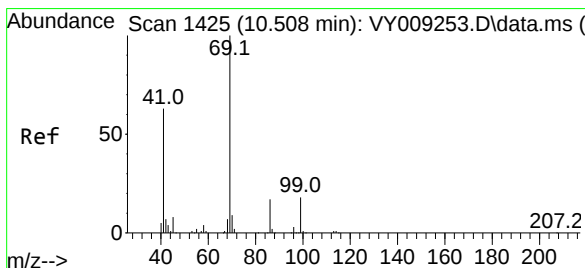
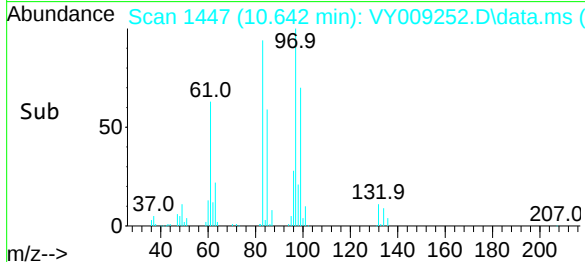
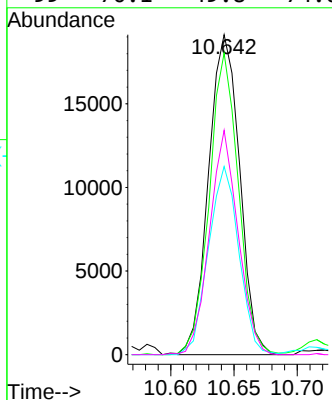
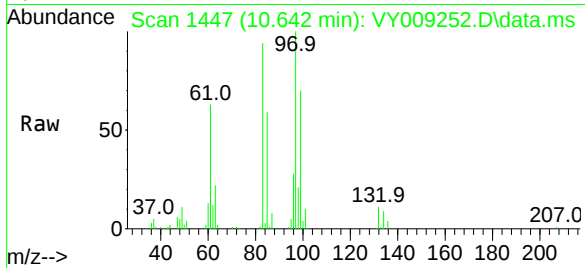




#55
1,1,2-Trichloroethane
Concen: 20.643 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

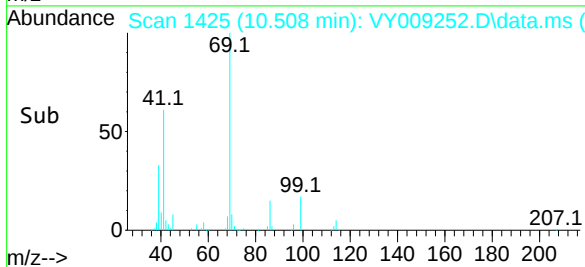
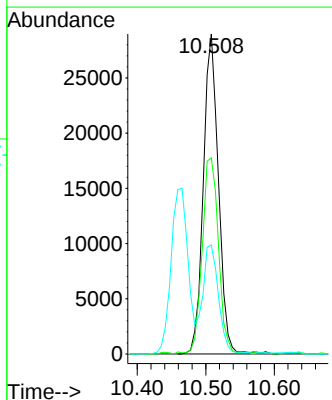
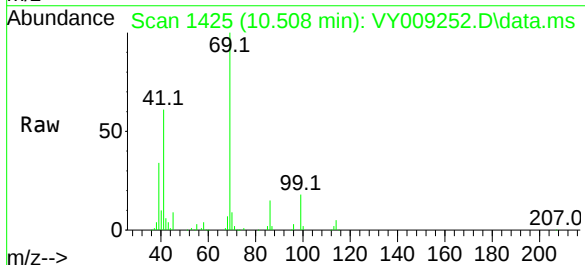
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

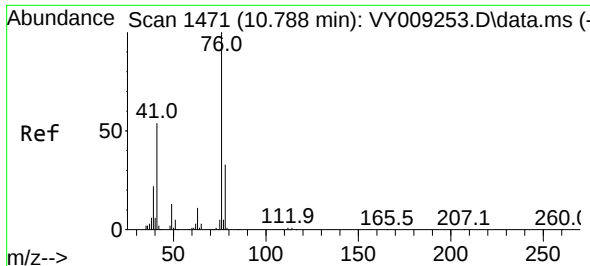
Tgt Ion: 97	Resp: 32594
Ion Ratio	Lower Upper
97 100	
83 93.8	69.8 104.8
85 58.8	44.3 66.5
99 70.1	49.8 74.6



#56
Ethyl methacrylate
Concen: 20.887 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

Tgt Ion: 69	Resp: 44497
Ion Ratio	Lower Upper
69 100	
41 66.7	63.4 95.0
39 36.1	35.8 53.8





#57

1,3-Dichloropropane

Concen: 21.206 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009252.D

Acq: 21 Jun 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

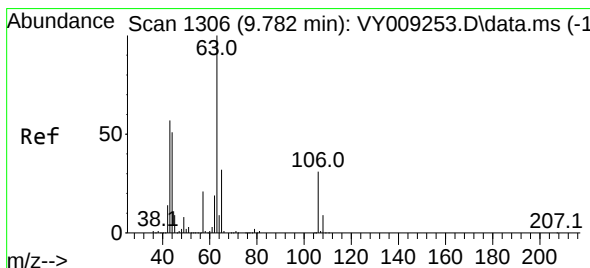
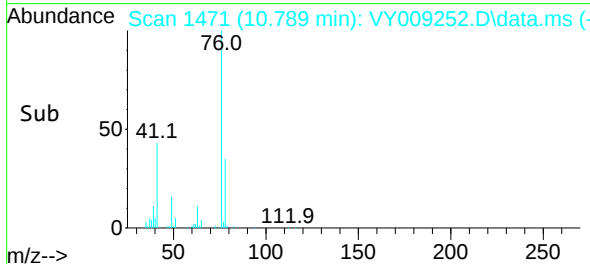
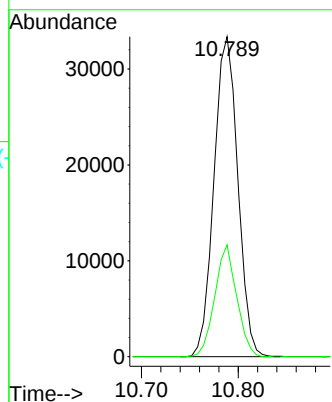
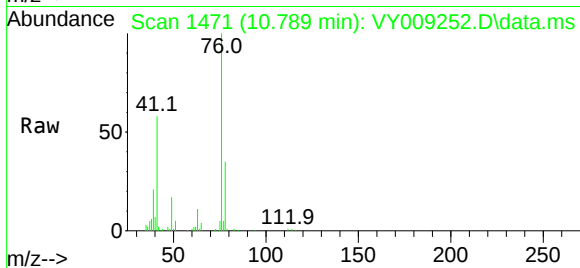
VSTDIC020

Tgt Ion: 76 Resp: 57044

Ion Ratio Lower Upper

76 100

78 32.1 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 103.613 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY009252.D

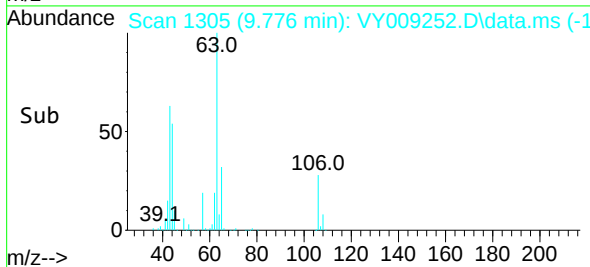
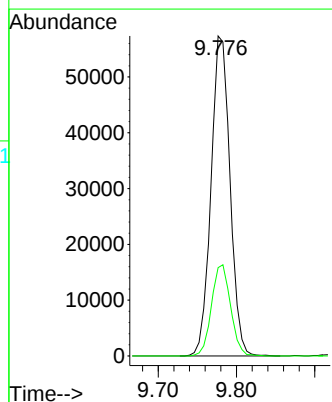
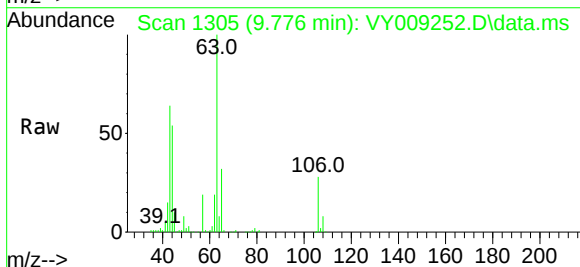
Acq: 21 Jun 2022 12:33

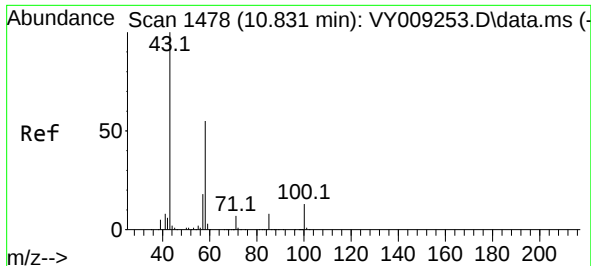
Tgt Ion: 63 Resp: 96451

Ion Ratio Lower Upper

63 100

106 28.6 21.5 32.3

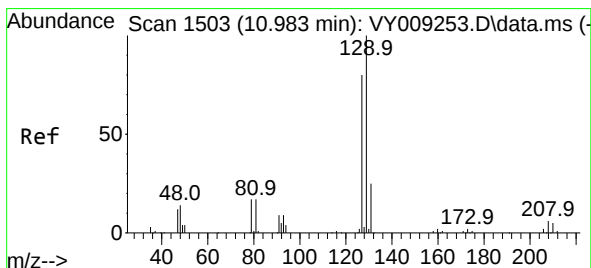
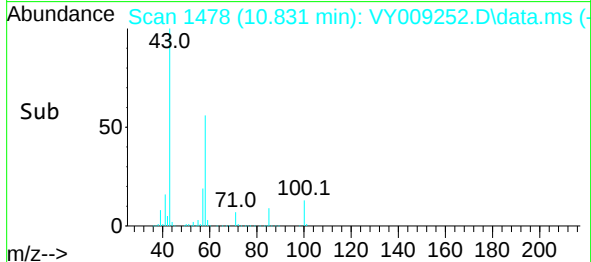
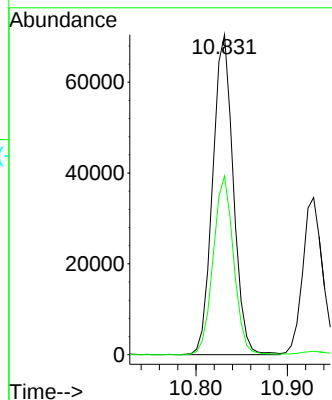
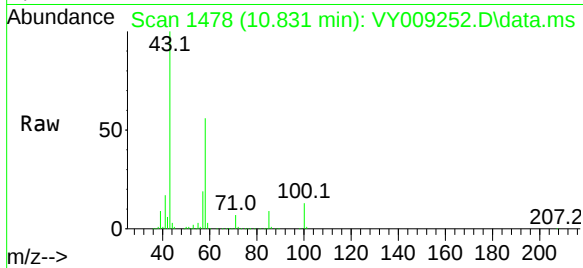




#59
2-Hexanone
Concen: 106.472 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

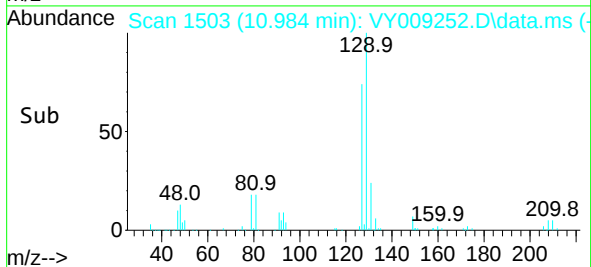
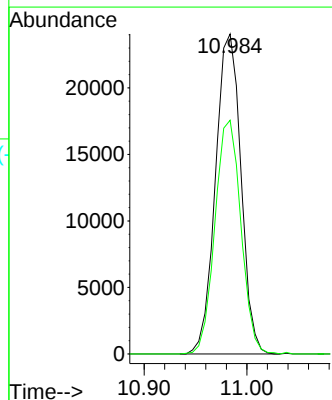
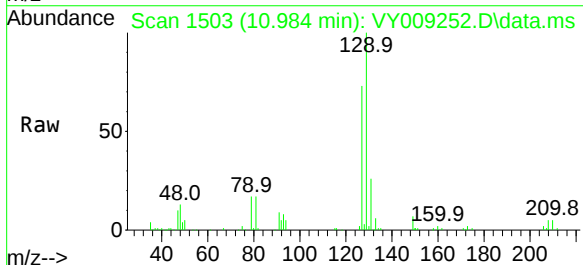
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

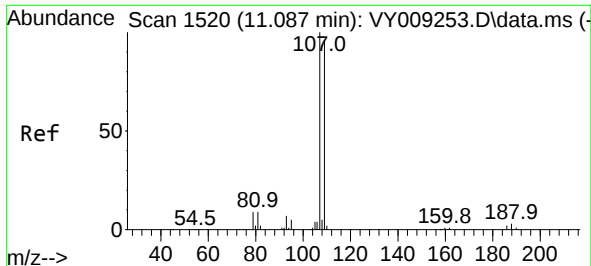
Tgt Ion: 43 Resp: 110232
Ion Ratio Lower Upper
43 100
58 55.3 24.4 73.4



#60
Dibromochloromethane
Concen: 21.369 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

Tgt Ion: 129 Resp: 41314
Ion Ratio Lower Upper
129 100
127 74.5 38.7 116.1

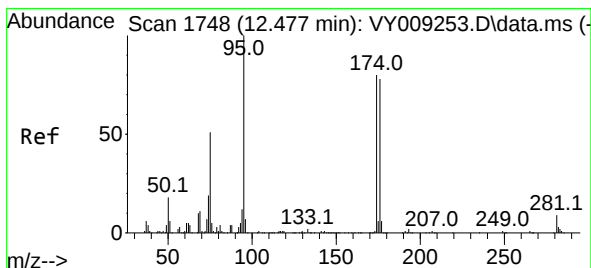
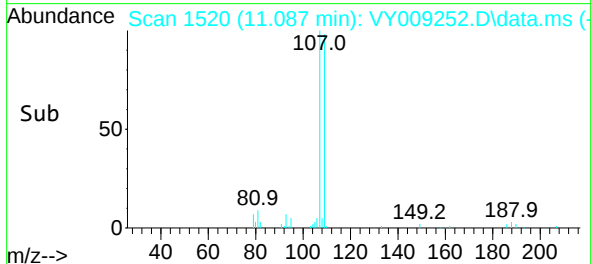
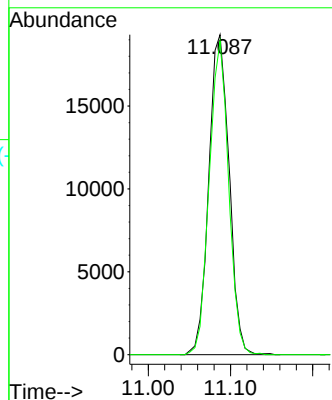
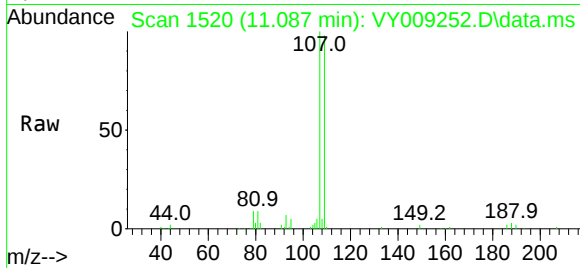




#61
1,2-Dibromoethane
Concen: 21.754 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

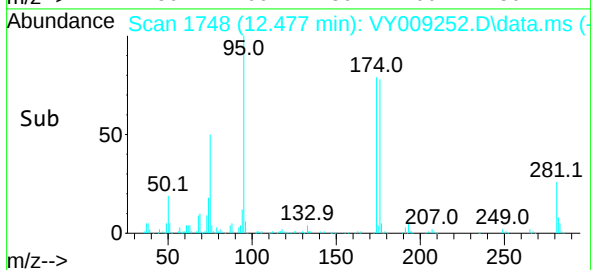
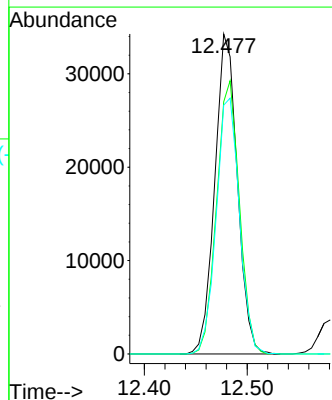
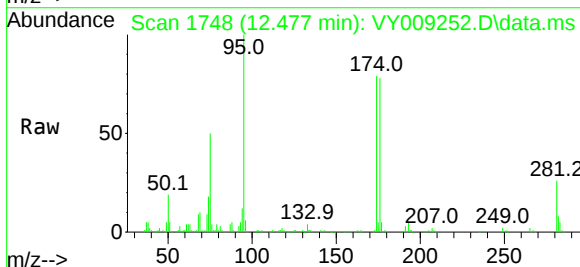
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

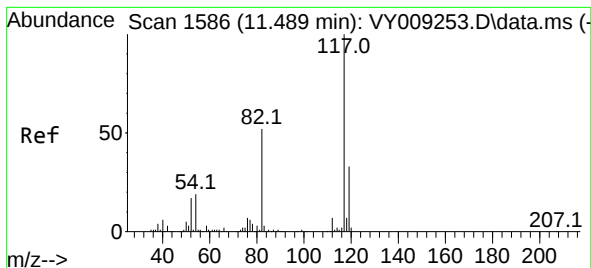
Tgt Ion:107 Resp: 33227
Ion Ratio Lower Upper
107 100
109 93.2 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 22.596 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

Tgt Ion: 95 Resp: 52016
Ion Ratio Lower Upper
95 100
174 86.4 0.0 177.0
176 82.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009252.D

Acq: 21 Jun 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

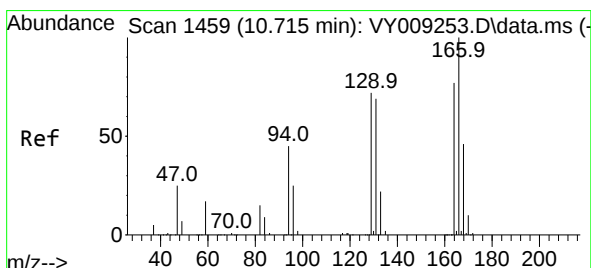
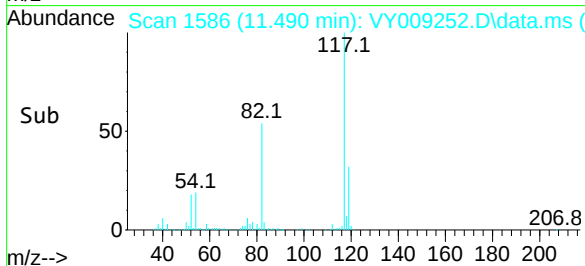
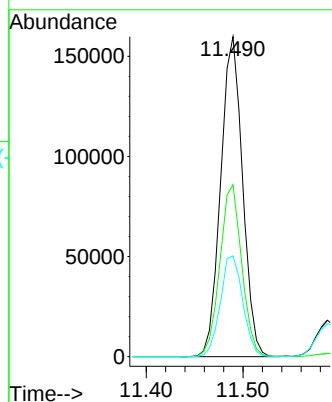
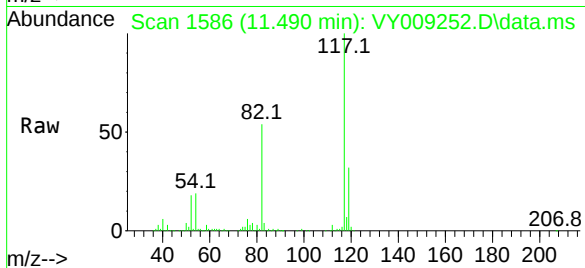
Tgt Ion:117 Resp: 250574

Ion Ratio Lower Upper

117 100

82 53.7 43.0 64.4

119 31.5 25.4 38.0



#64

Tetrachloroethene

Concen: 21.597 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY009252.D

Acq: 21 Jun 2022 12:33

Tgt Ion:164 Resp: 49964

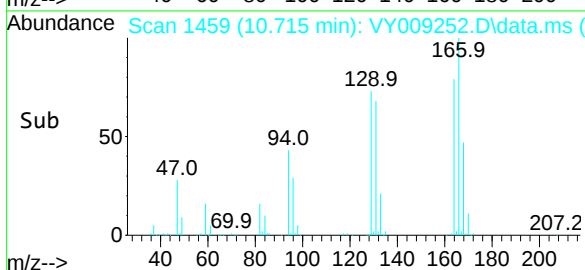
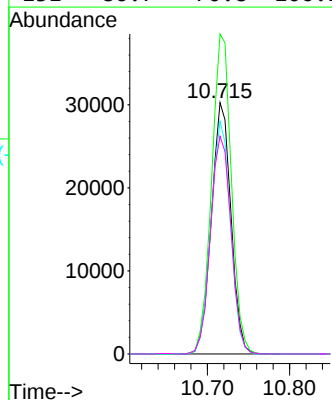
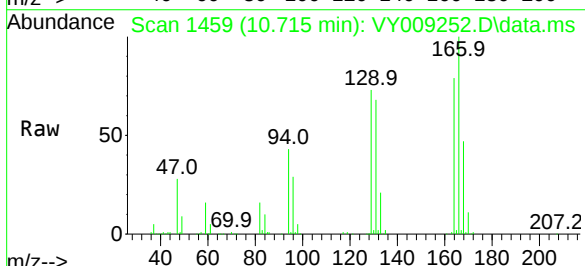
Ion Ratio Lower Upper

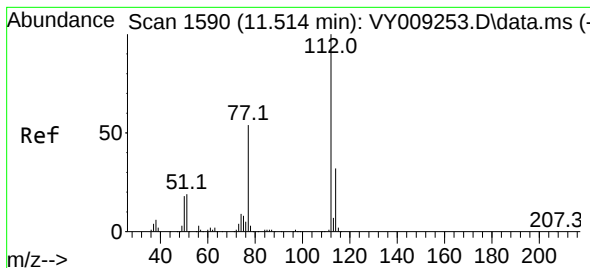
164 100

166 127.3 100.4 150.6

129 92.6 71.4 107.0

131 86.7 70.8 106.2





#65

Chlorobenzene

Concen: 21.163 ug/l

RT: 11.514 min Scan# 114504

Delta R.T. 0.000 min

Lab File: VY009252.D

Acq: 21 Jun 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

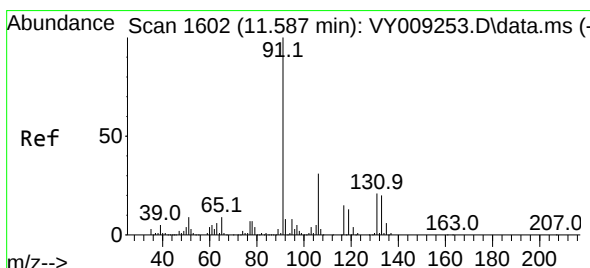
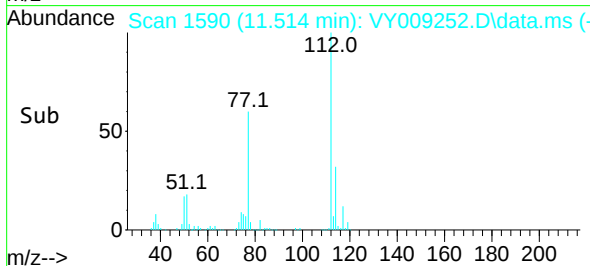
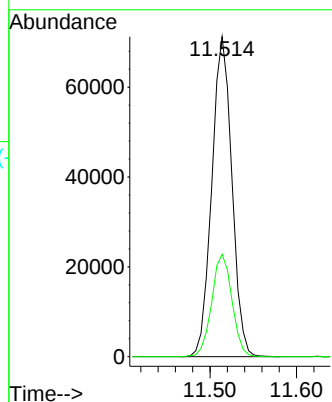
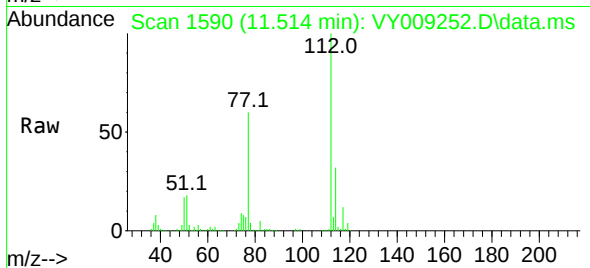
VSTDIC020

Tgt Ion:112 Resp: 114504

Ion Ratio Lower Upper

112 100

114 32.0 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.908 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY009252.D

Acq: 21 Jun 2022 12:33

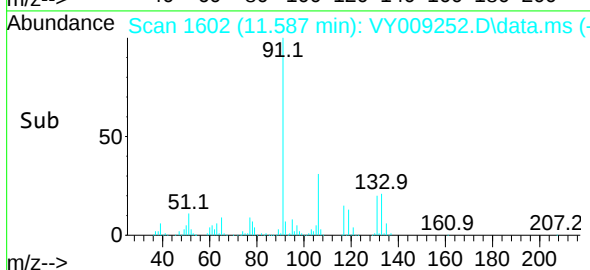
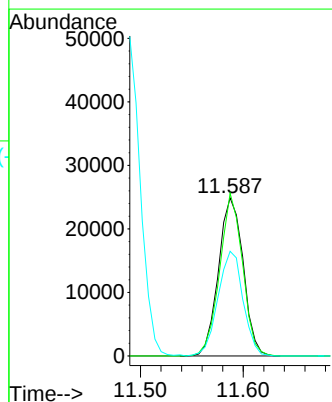
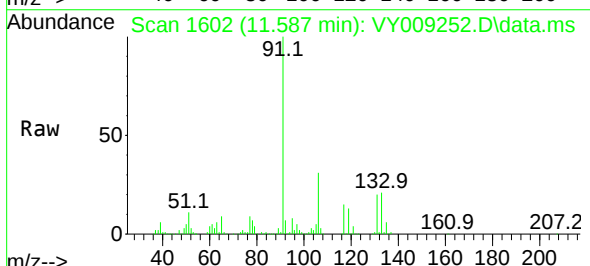
Tgt Ion:131 Resp: 41450

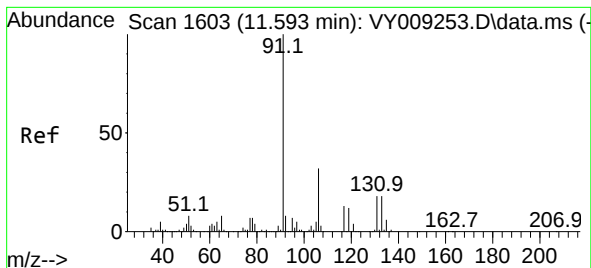
Ion Ratio Lower Upper

131 100

133 95.5 47.9 143.6

119 67.1 30.8 92.3

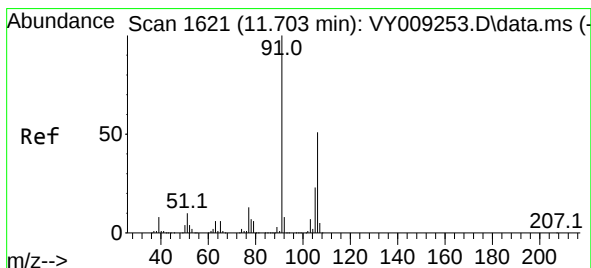
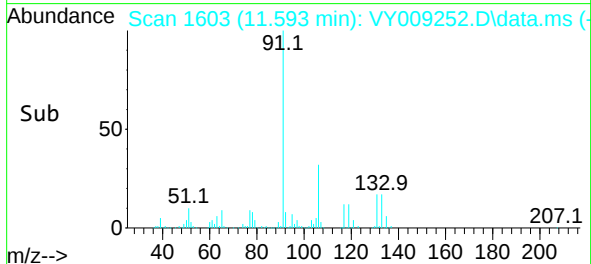
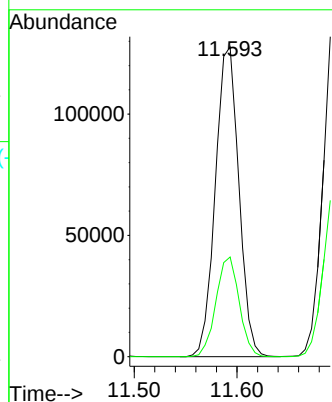
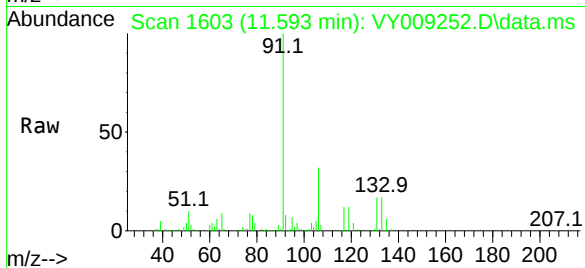




#67
Ethyl Benzene
Concen: 21.487 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

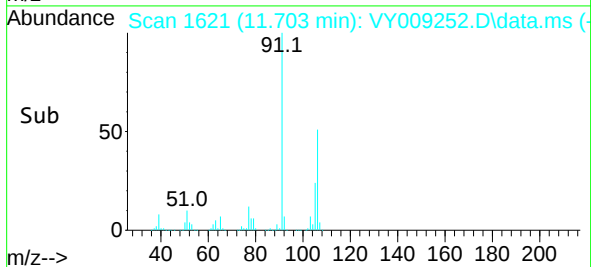
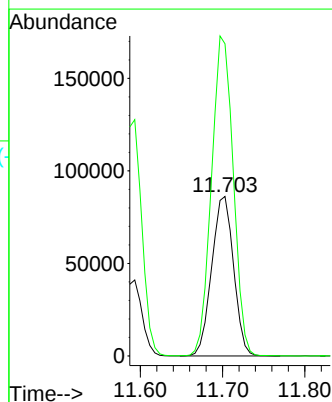
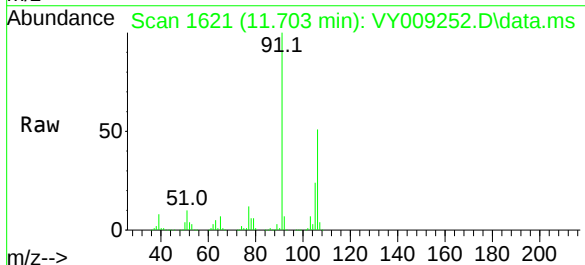
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

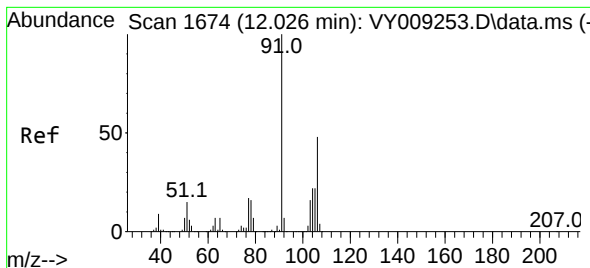
Tgt Ion: 91 Resp: 202825
Ion Ratio Lower Upper
91 100
106 32.2 24.5 36.7



#68
m/p-Xylenes
Concen: 42.850 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

Tgt Ion: 106 Resp: 159335
Ion Ratio Lower Upper
106 100
91 200.1 166.6 249.8





#69

o-Xylene

Concen: 21.245 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. 0.000 min

Lab File: VY009252.D

Acq: 21 Jun 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

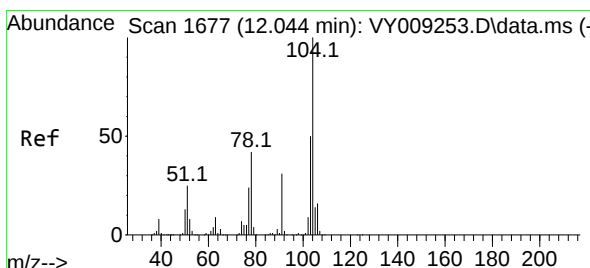
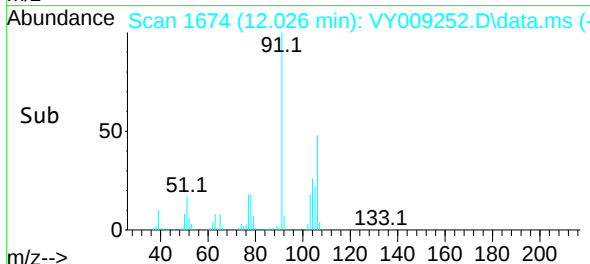
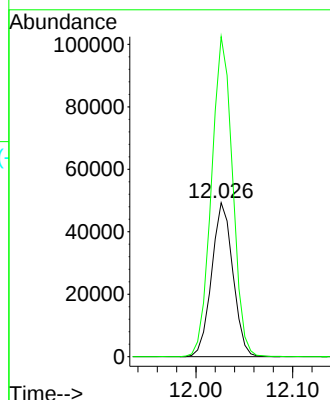
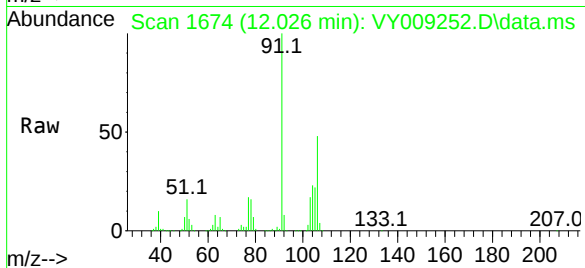
VSTDIC020

Tgt Ion:106 Resp: 75053

Ion Ratio Lower Upper

106 100

91 207.3 110.3 331.0



#70

Styrene

Concen: 20.999 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY009252.D

Acq: 21 Jun 2022 12:33

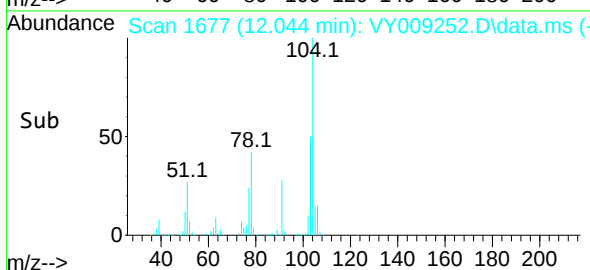
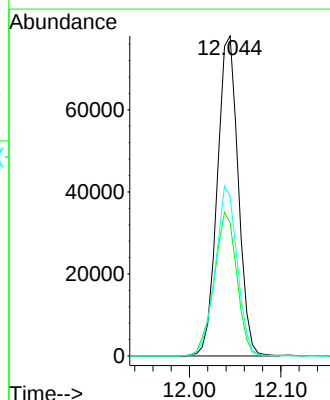
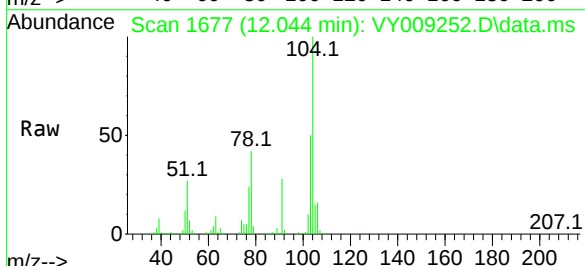
Tgt Ion:104 Resp: 124212

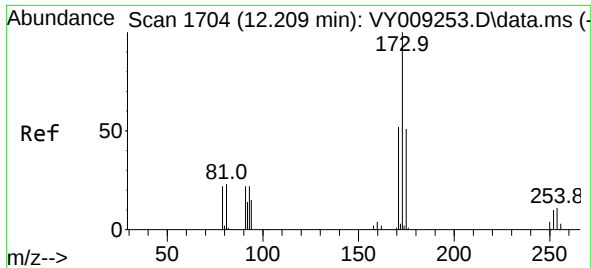
Ion Ratio Lower Upper

104 100

78 48.8 42.4 63.6

103 55.8 44.4 66.6

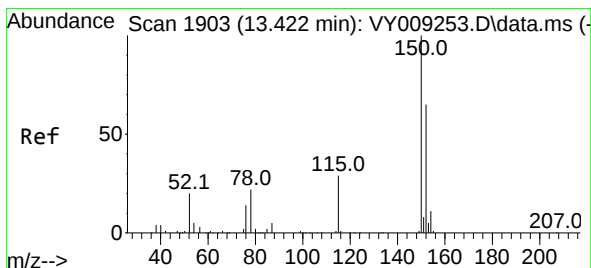
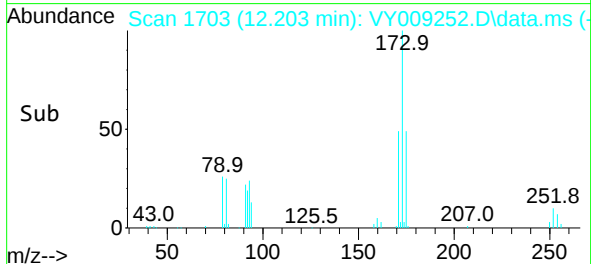
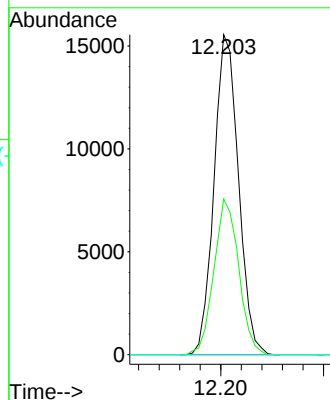
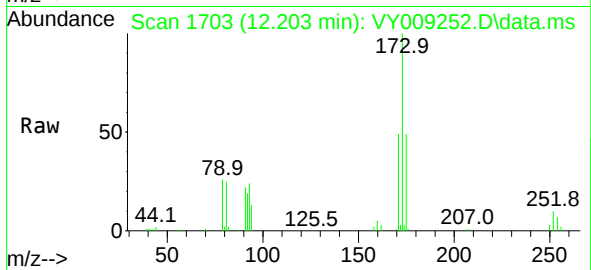




#71
Bromoform
Concen: 20.291 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

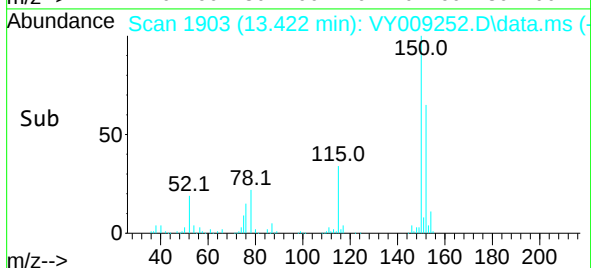
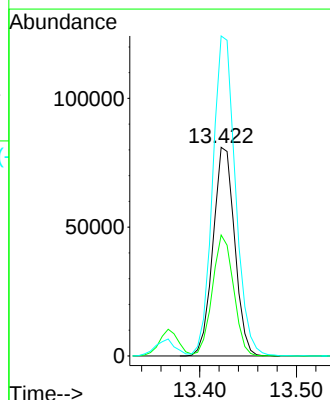
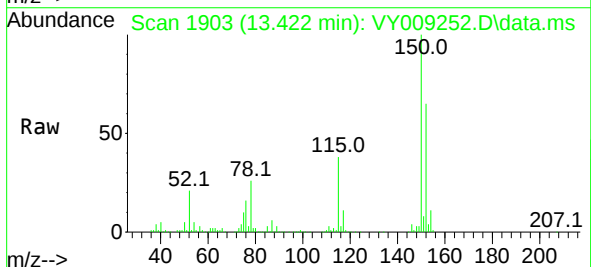
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

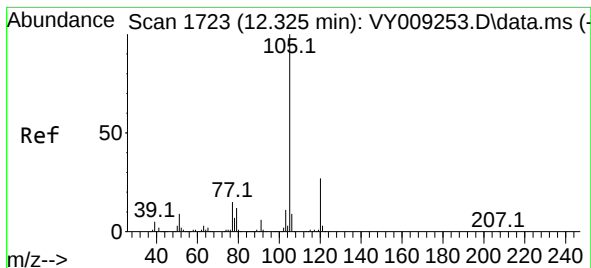
Tgt Ion:173 Resp: 25601
Ion Ratio Lower Upper
173 100
175 49.5 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

Tgt Ion:152 Resp: 125856
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 161.6 0.0 347.6





#73

Isopropylbenzene

Concen: 21.309 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009252.D

Acq: 21 Jun 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

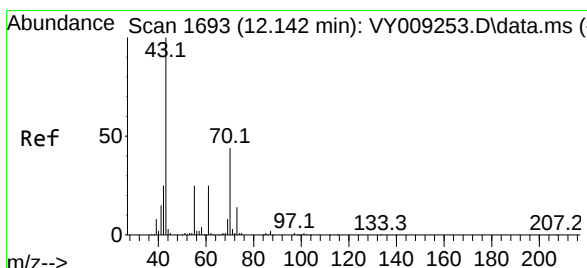
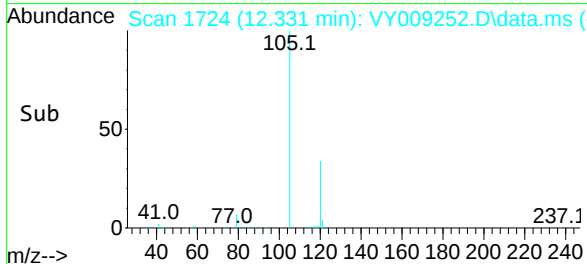
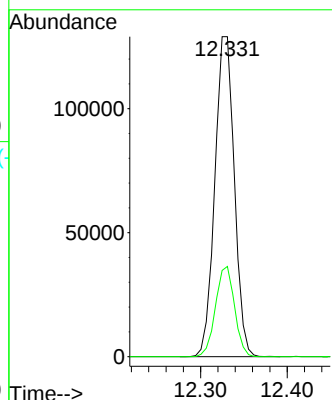
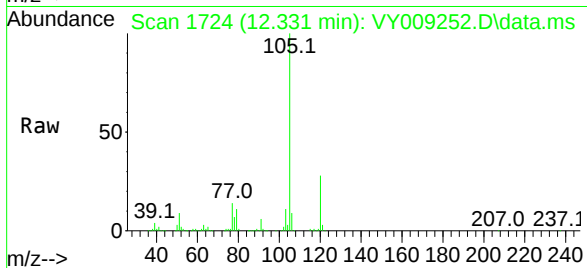
VSTDIC020

Tgt Ion:105 Resp: 201863

Ion Ratio Lower Upper

105 100

120 27.5 13.4 40.2



#74

N-amy1 acetate

Concen: 20.367 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY009252.D

Acq: 21 Jun 2022 12:33

Tgt Ion: 43 Resp: 53350

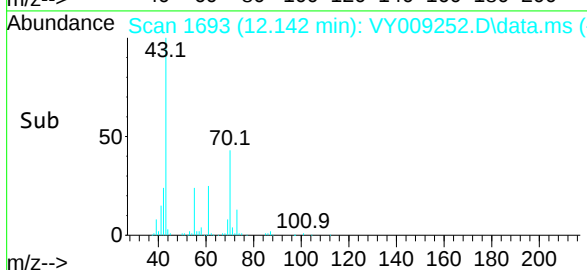
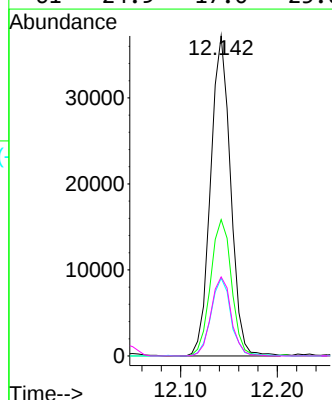
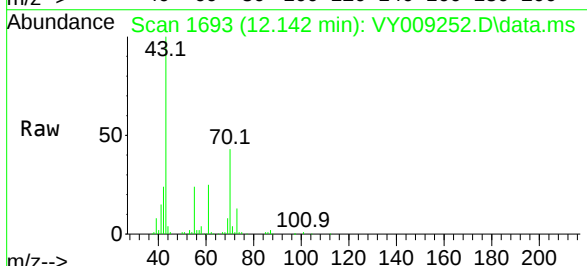
Ion Ratio Lower Upper

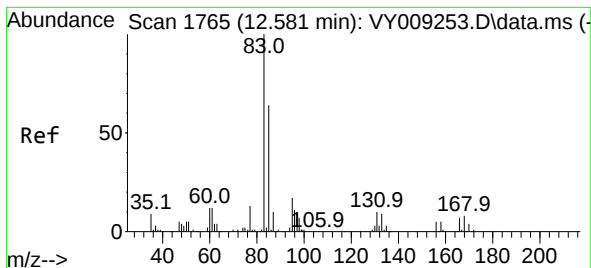
43 100

70 44.7 28.7 43.1#

55 24.4 17.3 25.9

61 24.9 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.776 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY009252.D

Acq: 21 Jun 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

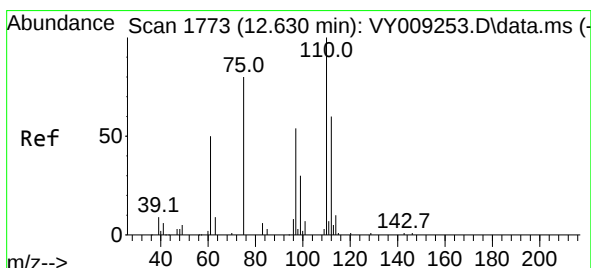
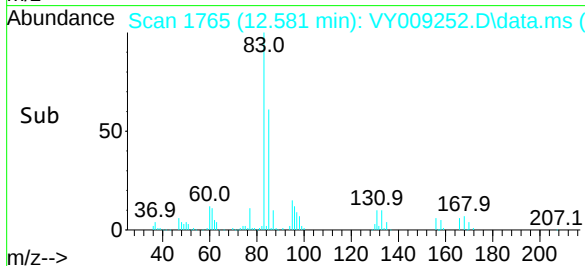
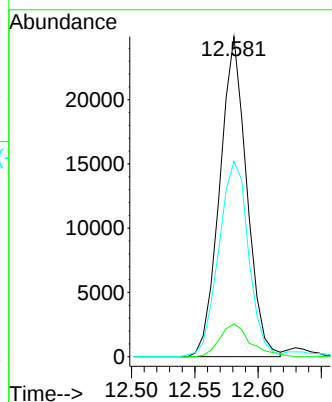
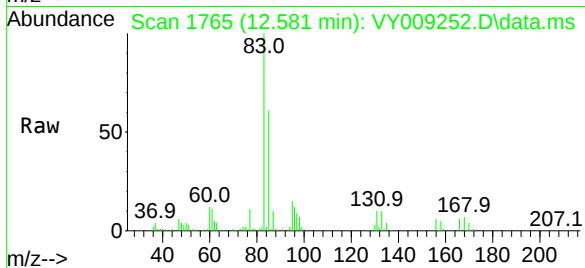
Tgt Ion: 83 Resp: 36858

Ion Ratio Lower Upper

83 100

131 11.5 5.6 16.8

85 67.5 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 37.305 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY009252.D

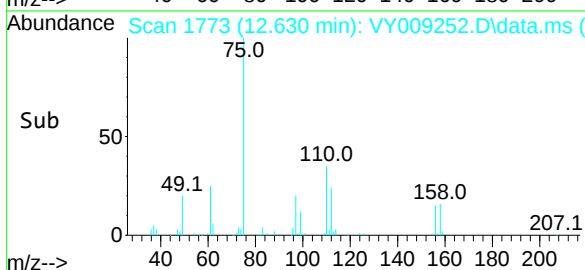
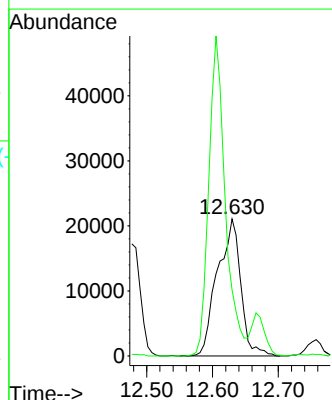
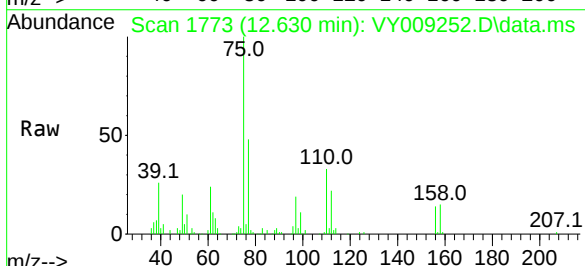
Acq: 21 Jun 2022 12:33

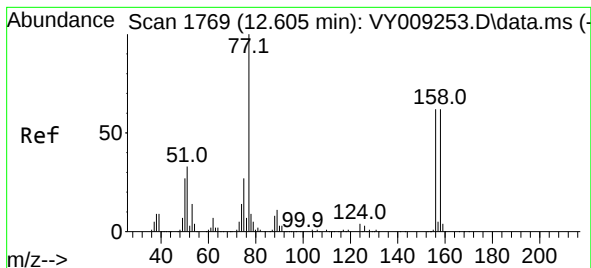
Tgt Ion: 75 Resp: 52023

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.698 ug/l

RT: 12.605 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009252.D

Acq: 21 Jun 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

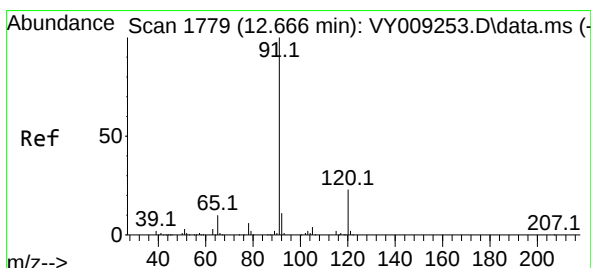
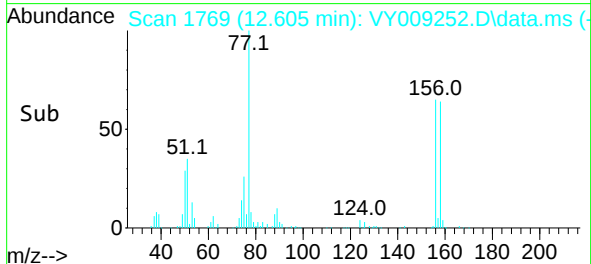
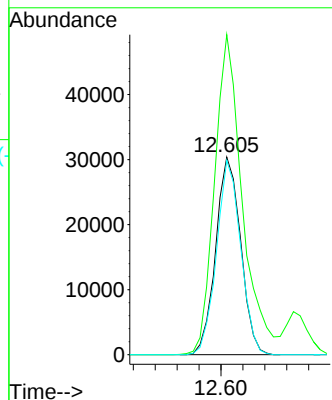
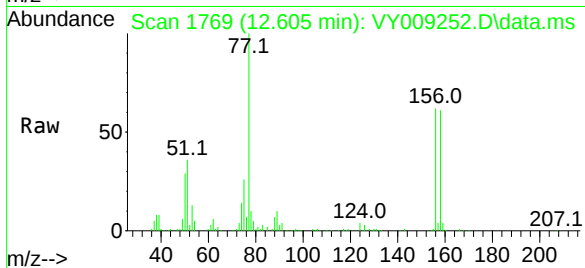
Tgt Ion:156 Resp: 48058

Ion Ratio Lower Upper

156 100

77 178.6 95.5 286.4

158 95.1 48.0 144.0



#78

n-propylbenzene

Concen: 21.556 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY009252.D

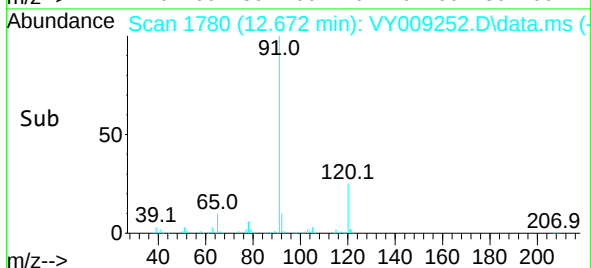
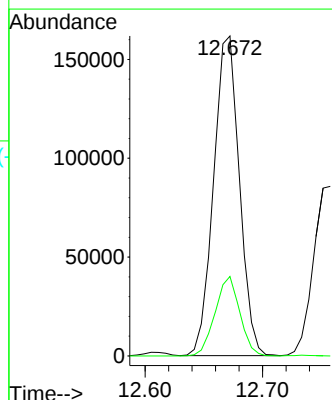
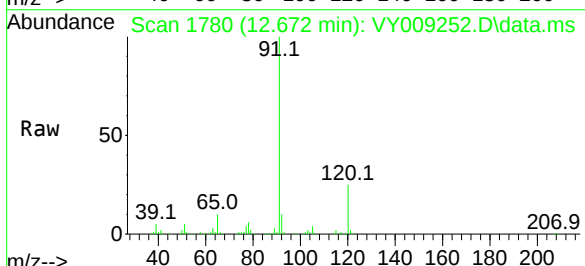
Acq: 21 Jun 2022 12:33

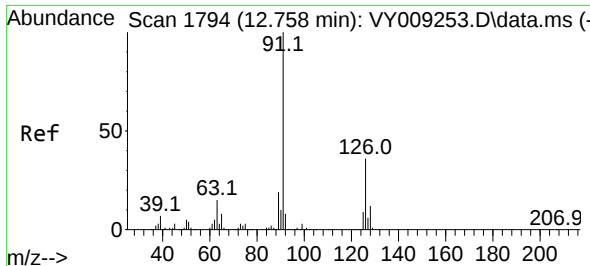
Tgt Ion: 91 Resp: 246882

Ion Ratio Lower Upper

91 100

120 23.8 11.3 33.9

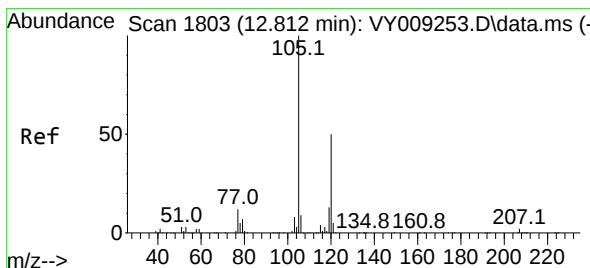
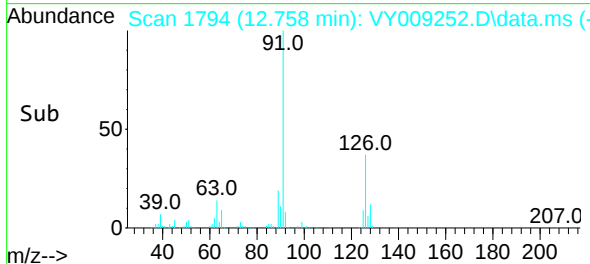
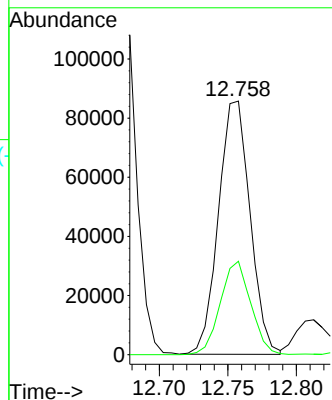
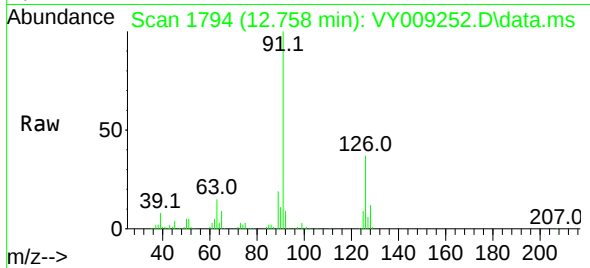




#79
2-Chlorotoluene
Concen: 21.282 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

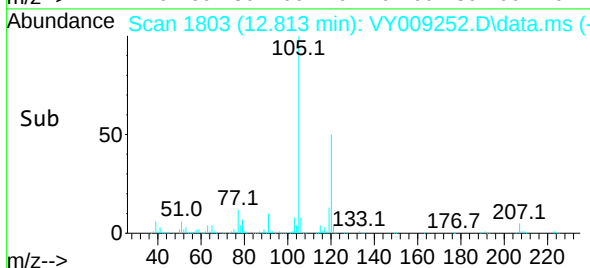
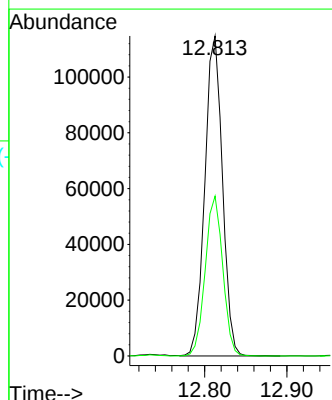
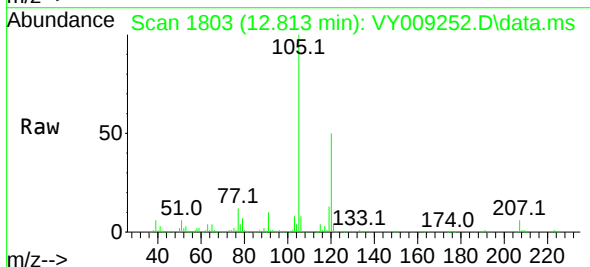
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

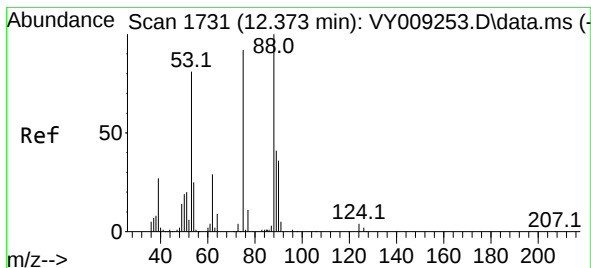
Tgt Ion: 91 Resp: 137538
Ion Ratio Lower Upper
91 100
126 35.5 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 21.583 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

Tgt Ion: 105 Resp: 170503
Ion Ratio Lower Upper
105 100
120 49.7 24.4 73.4

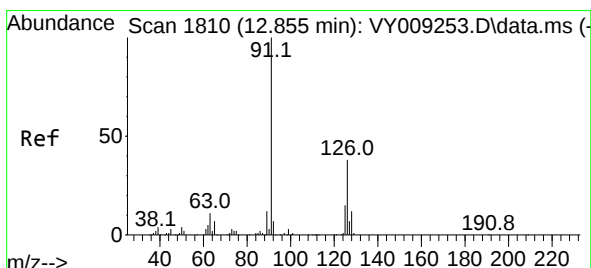
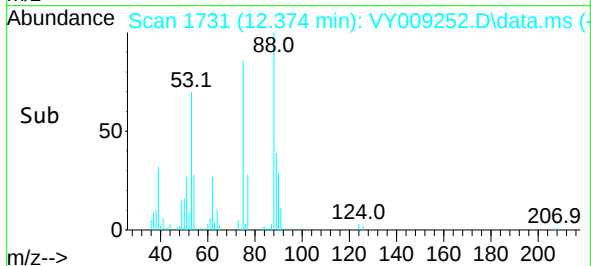
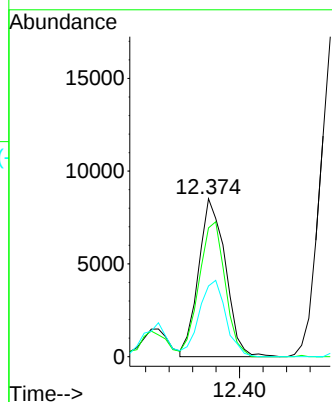
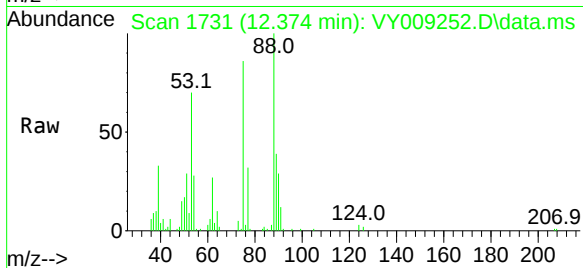




#81
trans-1,4-Dichloro-2-butene
Concen: 19.482 ug/l
RT: 12.374 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

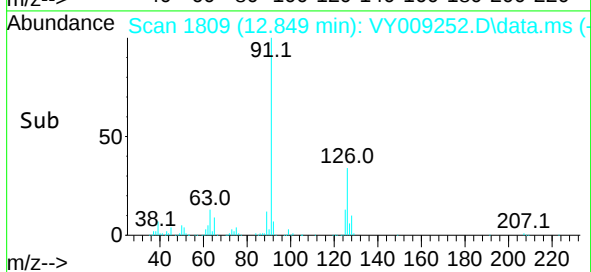
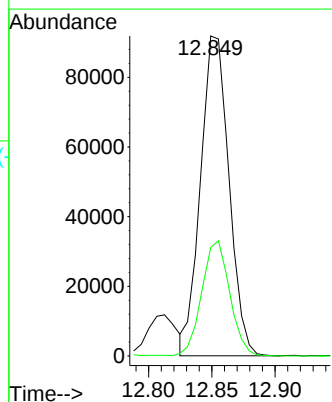
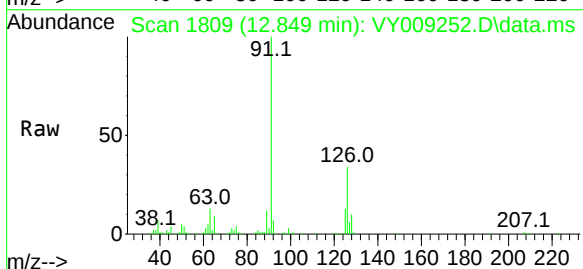
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

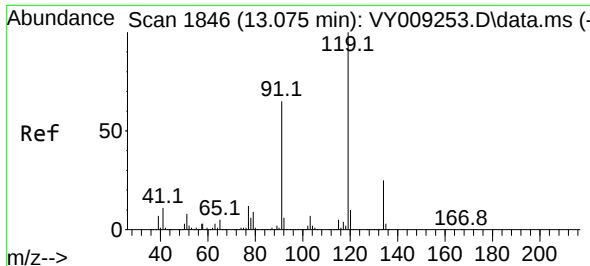
Tgt Ion: 75 Resp: 13526
Ion Ratio Lower Upper
75 100
53 83.0 85.3 127.9#
89 47.7 37.0 55.4



#82
4-Chlorotoluene
Concen: 21.337 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

Tgt Ion: 91 Resp: 143778
Ion Ratio Lower Upper
91 100
126 35.4 17.0 51.0

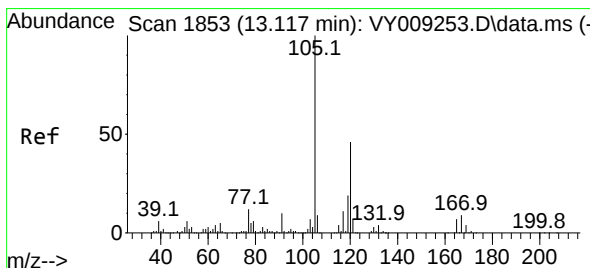
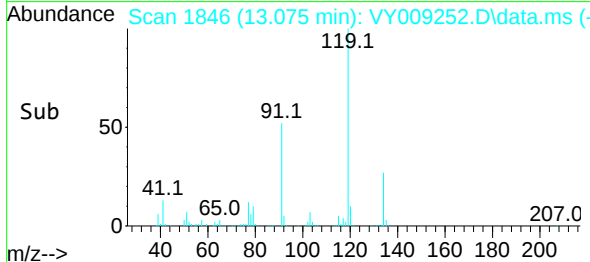
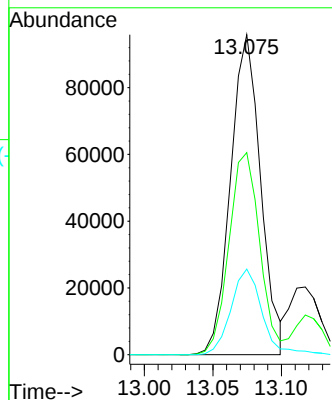
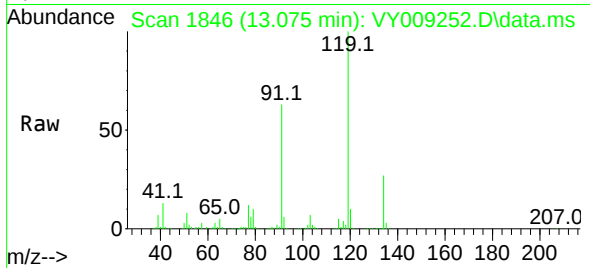




#83
tert-Butylbenzene
Concen: 21.222 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

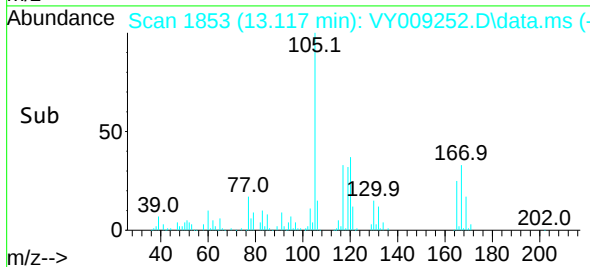
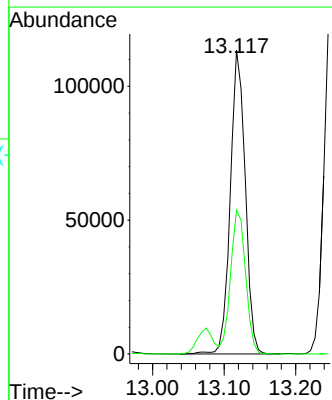
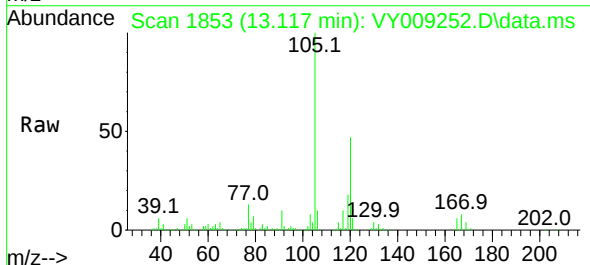
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

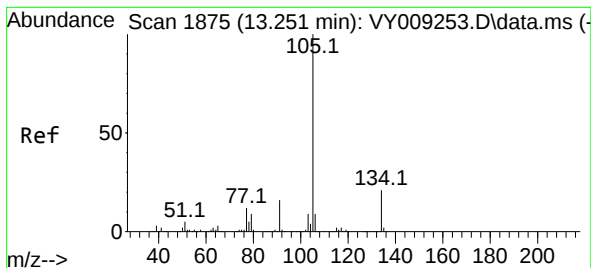
Tgt Ion:119 Resp: 146972
Ion Ratio Lower Upper
119 100
91 64.4 34.8 104.4
134 27.6 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 21.166 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009252.D
Acq: 21 Jun 2022 12:33

Tgt Ion:105 Resp: 164108
Ion Ratio Lower Upper
105 100
120 47.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 21.777 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009252.D

Acq: 21 Jun 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

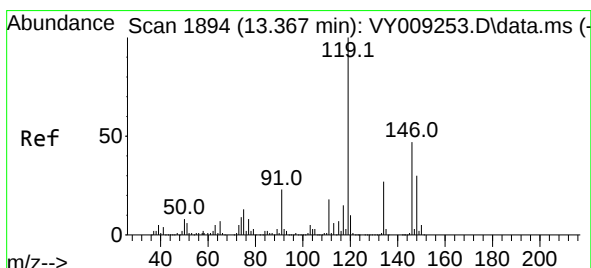
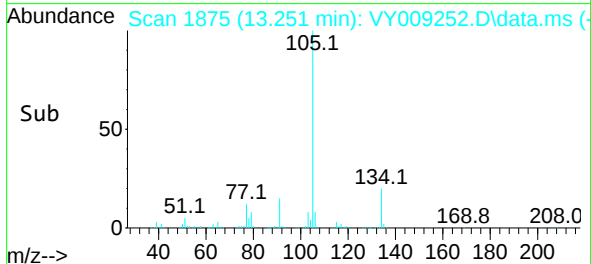
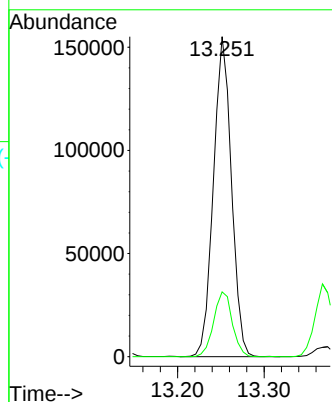
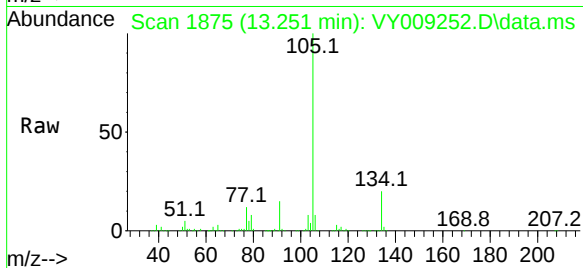
VSTDIC020

Tgt Ion:105 Resp: 224177

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 21.715 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009252.D

Acq: 21 Jun 2022 12:33

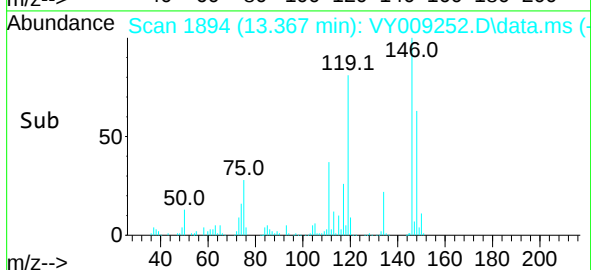
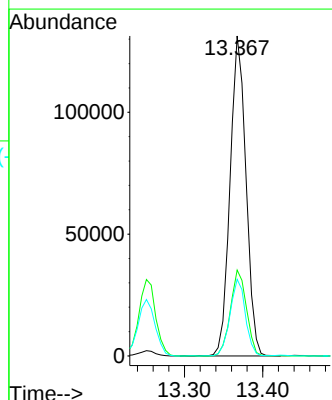
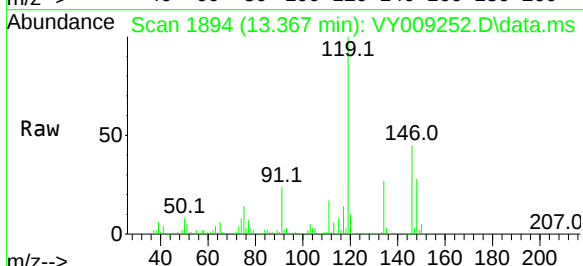
Tgt Ion:119 Resp: 185431

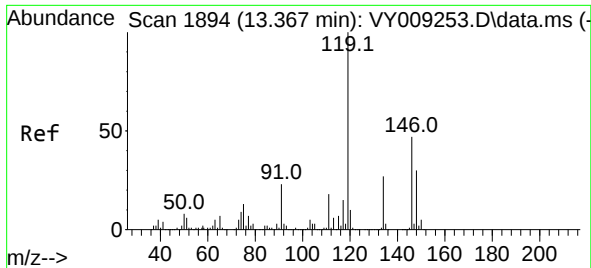
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.5

91 23.2 12.4 37.2

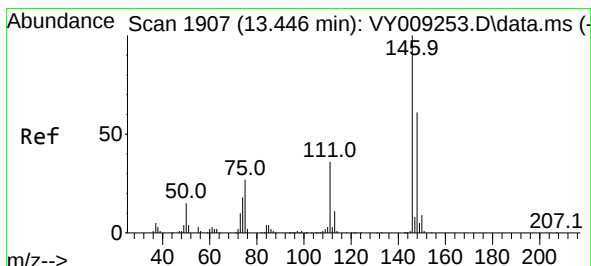
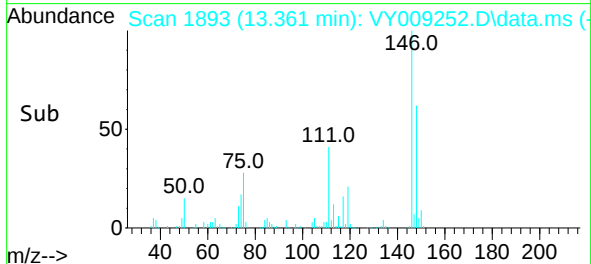
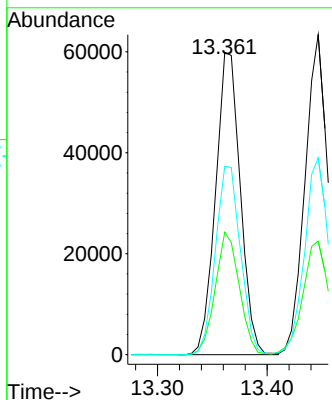
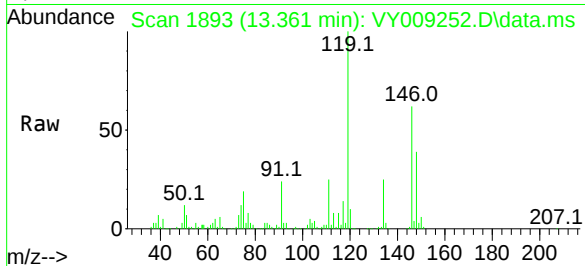




#87
 1,3-Dichlorobenzene
 Concen: 21.036 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. -0.006 min
 Lab File: VY009252.D
 Acq: 21 Jun 2022 12:33

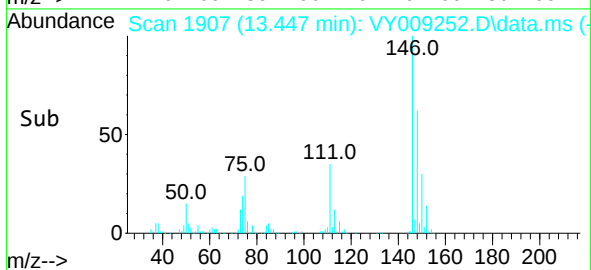
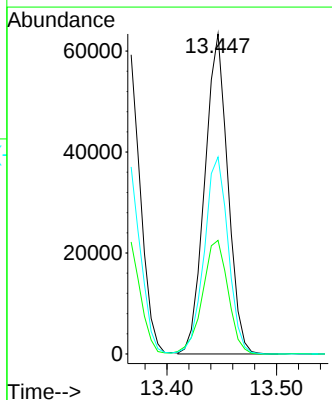
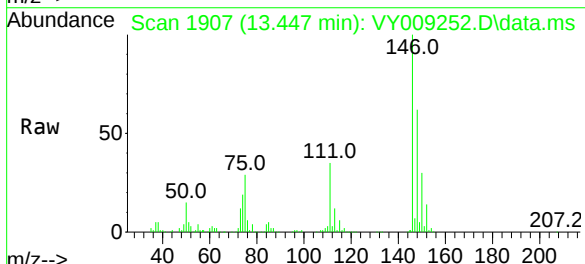
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

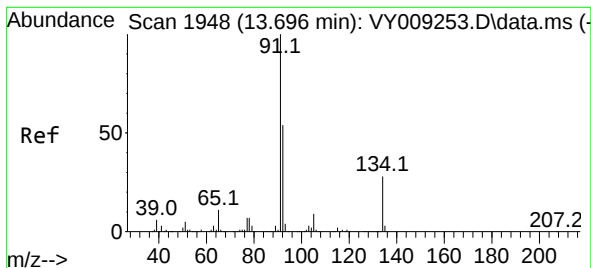
Tgt Ion:146 Resp: 94106
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.5 58.5
 148 63.0 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 20.467 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY009252.D
 Acq: 21 Jun 2022 12:33

Tgt Ion:146 Resp: 92769
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.3 57.8
 148 63.7 32.6 97.8





#89

n-Butylbenzene

Concen: 21.408 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY009252.D

Acq: 21 Jun 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

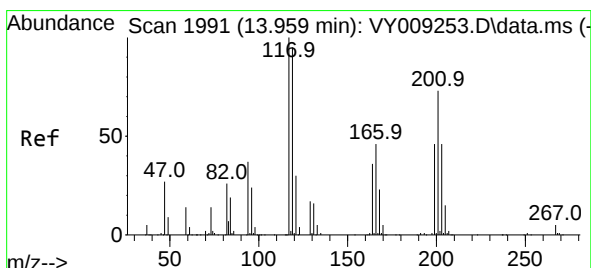
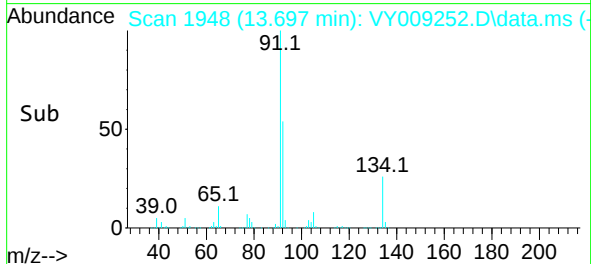
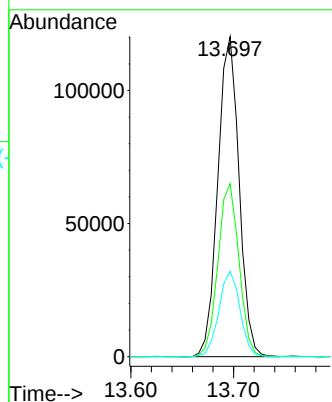
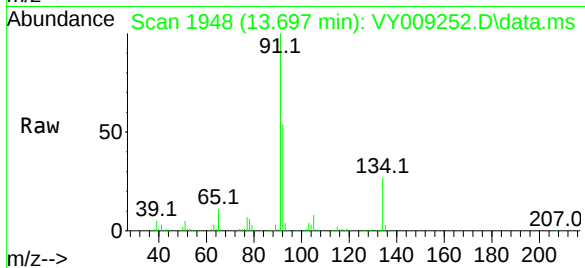
Tgt Ion: 91 Resp: 172502

Ion Ratio Lower Upper

91 100

92 53.5 26.3 78.9

134 26.5 13.0 38.9



#90

Hexachloroethane

Concen: 21.754 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY009252.D

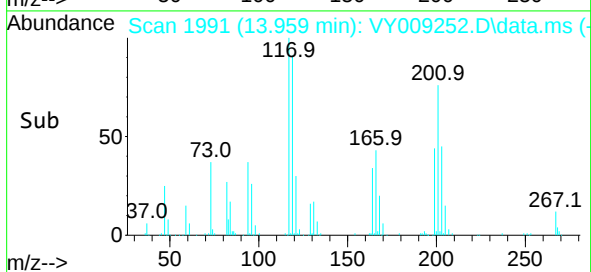
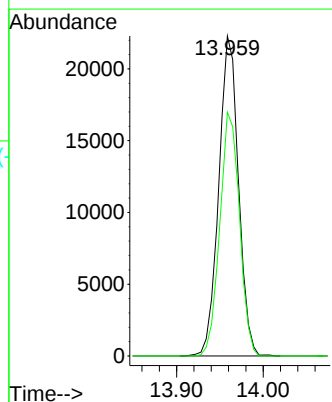
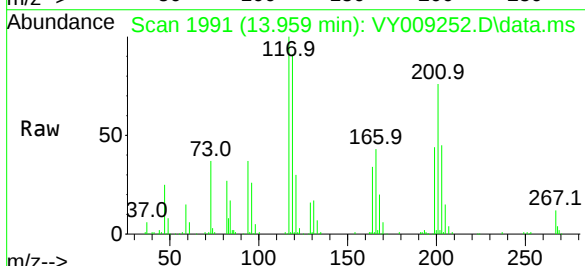
Acq: 21 Jun 2022 12:33

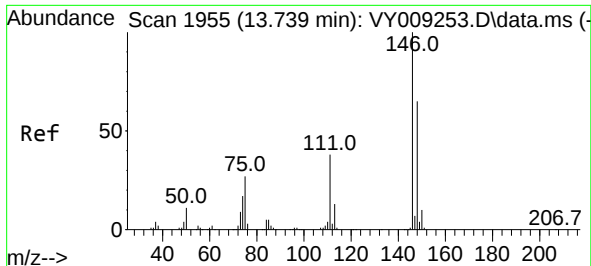
Tgt Ion: 117 Resp: 35193

Ion Ratio Lower Upper

117 100

201 76.0 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 20.739 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY009252.D

Acq: 21 Jun 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

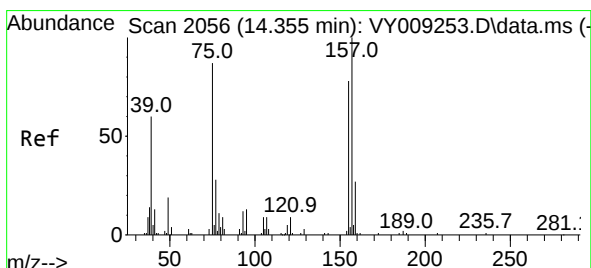
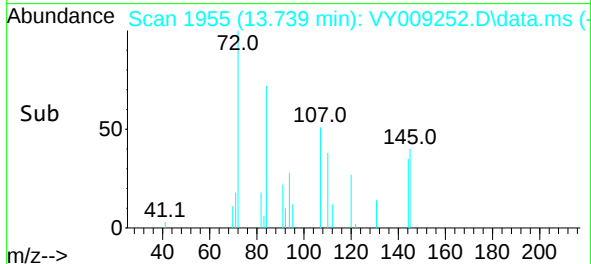
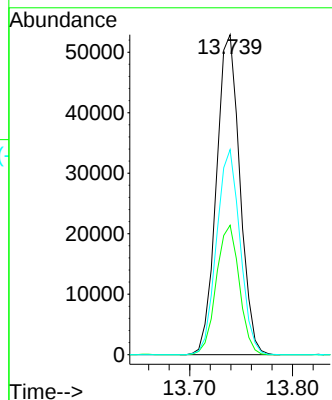
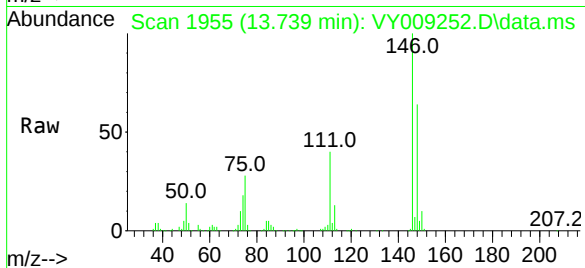
Tgt Ion:146 Resp: 83682

Ion Ratio Lower Upper

146 100

111 39.7 20.3 60.9

148 64.2 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.369 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY009252.D

Acq: 21 Jun 2022 12:33

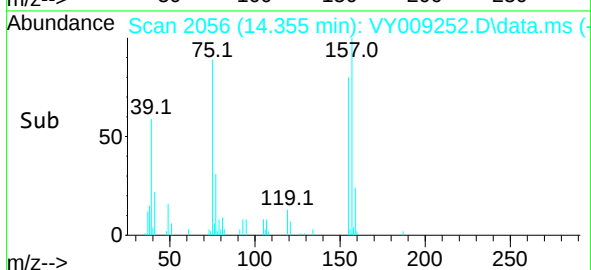
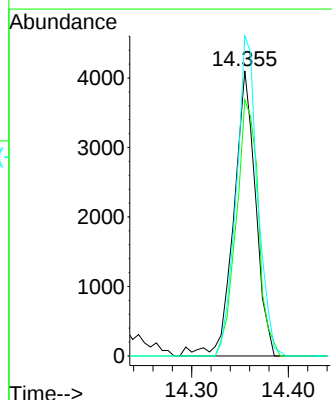
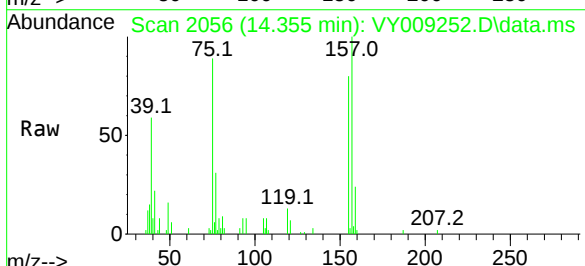
Tgt Ion: 75 Resp: 6415

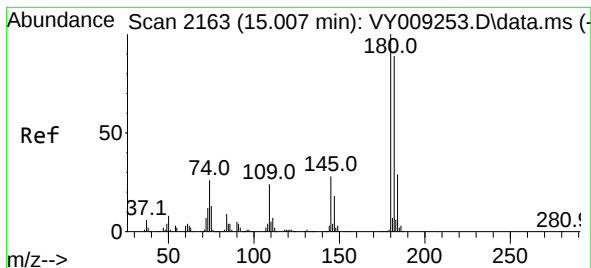
Ion Ratio Lower Upper

75 100

155 91.1 38.0 113.9

157 109.5 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 20.173 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009252.D

Acq: 21 Jun 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

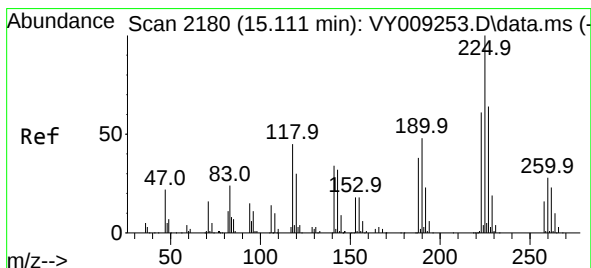
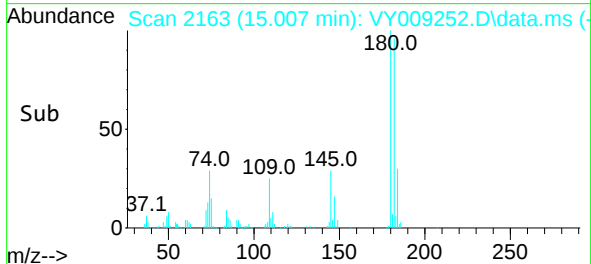
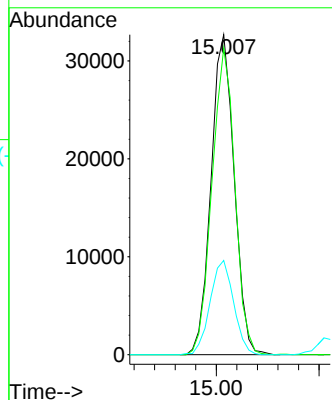
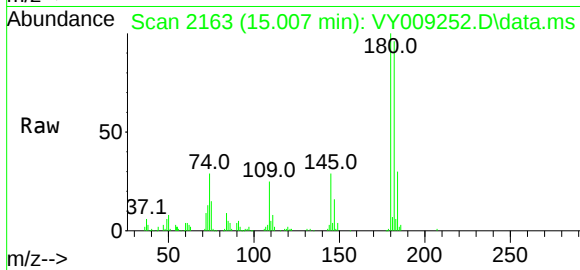
Tgt Ion:180 Resp: 50996

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.9

145 30.0 14.6 43.8



#94

Hexachlorobutadiene

Concen: 20.635 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY009252.D

Acq: 21 Jun 2022 12:33

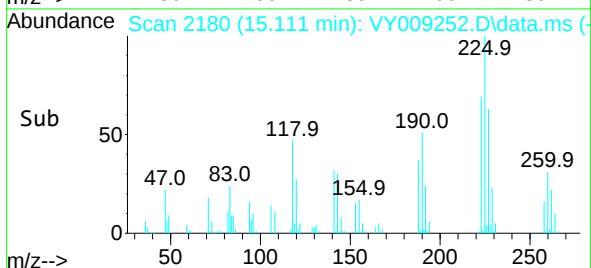
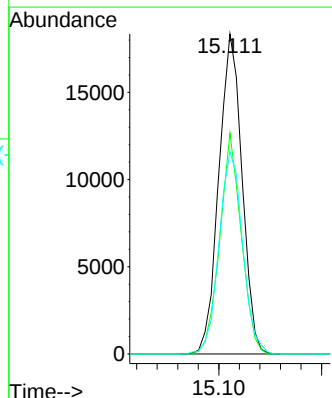
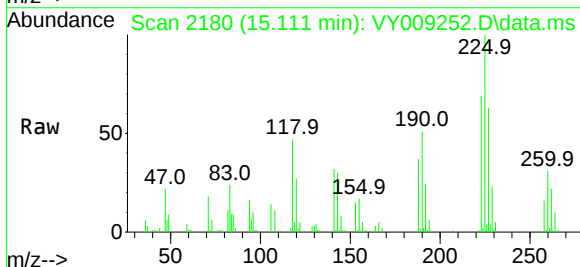
Tgt Ion:225 Resp: 28682

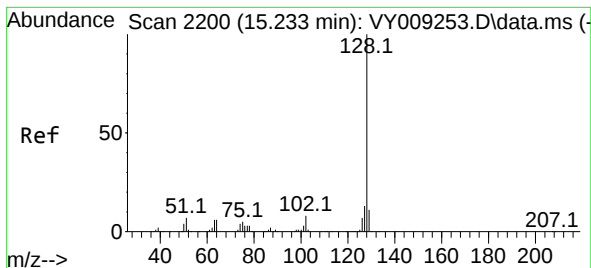
Ion Ratio Lower Upper

225 100

223 63.8 30.8 92.3

227 64.5 31.6 94.7





#95

Naphthalene

Concen: 19.400 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY009252.D

Acq: 21 Jun 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

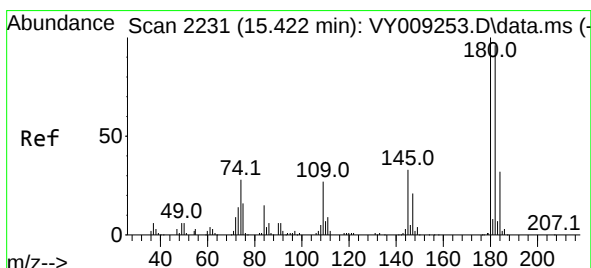
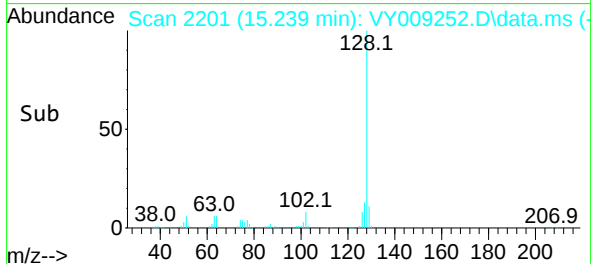
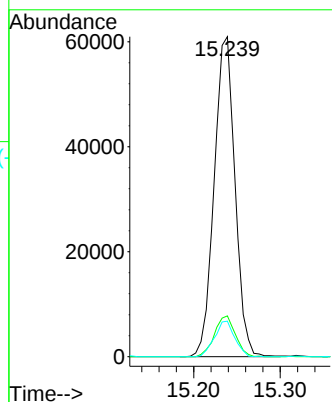
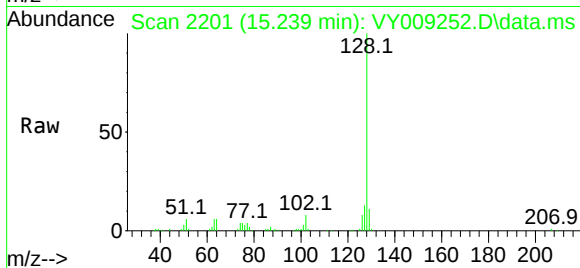
Tgt Ion:128 Resp: 101724

Ion Ratio Lower Upper

128 100

127 12.8 11.0 16.4

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 20.015 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY009252.D

Acq: 21 Jun 2022 12:33

Tgt Ion:180 Resp: 44214

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.9

145 33.2 15.3 45.9

