

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009648.D
 Acq On : 22 Jul 2022 09:26
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 23 00:34:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	207304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	293443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	264345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	139293	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	96223	49.079	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.160%
35) Dibromofluoromethane	7.710	113	100957	54.610	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.220%
50) Toluene-d8	10.173	98	378461	53.253	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	106.500%
62) 4-Bromofluorobenzene	12.483	95	124530	54.077	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	108.160%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	83396	45.847	ug/l	99
3) Chloromethane	2.107	50	119479	44.323	ug/l	96
4) Vinyl Chloride	2.241	62	137259	48.692	ug/l	99
5) Bromomethane	2.644	94	100225	52.530	ug/l	99
6) Chloroethane	2.784	64	87200	50.925	ug/l	99
7) Trichlorofluoromethane	3.113	101	178774	53.520	ug/l	97
8) Diethyl Ether	3.522	74	56654	51.838	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.887	101	104787	53.646	ug/l	93
10) Methyl Iodide	4.076	142	133051	51.278	ug/l	89
11) Tert butyl alcohol	4.942	59	40521	202.226	ug/l #	94
12) 1,1-Dichloroethene	3.863	96	99205	52.038	ug/l	81
13) Acrolein	3.717	56	33736	240.685	ug/l	99
14) Allyl chloride	4.473	41	141893	48.115	ug/l #	91
15) Acrylonitrile	5.149	53	135736	251.471	ug/l	98
16) Acetone	3.936	43	126793	255.647	ug/l	90
17) Carbon Disulfide	4.180	76	292142	49.294	ug/l	100
18) Methyl Acetate	4.466	43	61898	44.460	ug/l #	88
19) Methyl tert-butyl Ether	5.210	73	257138	51.178	ug/l	94
20) Methylene Chloride	4.704	84	119969	47.937	ug/l #	83
21) trans-1,2-Dichloroethene	5.204	96	111958	51.888	ug/l	86
22) Diisopropyl ether	6.106	45	313540	49.790	ug/l #	94
23) Vinyl Acetate	6.052	43	995040	250.437	ug/l #	92
24) 1,1-Dichloroethane	6.003	63	187116	51.446	ug/l	98
25) 2-Butanone	6.978	43	180016	248.826	ug/l #	86
26) 2,2-Dichloropropane	6.972	77	165981	50.942	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	124988	52.393	ug/l	85
28) Bromochloromethane	7.326	49	81023	51.992	ug/l #	77
29) Tetrahydrofuran	7.338	42	114460	240.977	ug/l #	86
30) Chloroform	7.496	83	195412	52.521	ug/l	99
31) Cyclohexane	7.771	56	162660	47.051	ug/l	92
32) 1,1,1-Trichloroethane	7.691	97	177447	53.172	ug/l	95
36) 1,1-Dichloropropene	7.911	75	149869	54.860	ug/l	95
37) Ethyl Acetate	7.064	43	76331	50.203	ug/l #	94
38) Carbon Tetrachloride	7.893	117	161411	56.442	ug/l	99
39) Methylcyclohexane	9.179	83	181893	53.999	ug/l	88
40) Benzene	8.155	78	433998	54.293	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	105555	144.677	ug/l #	1
42) 1,2-Dichloroethane	8.228	62	122403	54.585	ug/l	90
43) Isopropyl Acetate	8.265	43	141844	50.913	ug/l #	91
44) Trichloroethene	8.935	130	125778	55.326	ug/l	96
45) 1,2-Dichloropropane	9.210	63	105512	53.800	ug/l	99
46) Dibromomethane	9.301	93	62874	55.199	ug/l	94
47) Bromodichloromethane	9.490	83	148879	55.742	ug/l	98
48) Methyl methacrylate	9.289	41	63890	51.905	ug/l #	85
49) 1,4-Dioxane	9.289	88	15273	1005.939	ug/l #	79
51) 4-Methyl-2-Pentanone	10.069	43	375109	259.310	ug/l	90
52) Toluene	10.240	92	278780	55.057	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	149401	54.158	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	171012	54.521	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	89128	55.561	ug/l	98
56) Ethyl methacrylate	10.508	69	113284	55.198	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	144797	54.394	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	306152	273.308	ug/l	93
59) 2-Hexanone	10.831	43	268521	266.889	ug/l	88
60) Dibromochloromethane	10.984	129	109972	56.654	ug/l	100
61) 1,2-Dibromoethane	11.087	107	85005	54.313	ug/l	99
64) Tetrachloroethene	10.715	164	121016	58.496	ug/l	98
65) Chlorobenzene	11.514	112	299956	55.529	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	113964	56.784	ug/l	98
67) Ethyl Benzene	11.593	91	526821	55.451	ug/l	97
68) m/p-Xylenes	11.703	106	426133	112.701	ug/l	90
69) o-Xylene	12.026	106	196532	55.543	ug/l	90
70) Styrene	12.044	104	340301	57.823	ug/l	94
71) Bromoform	12.203	173	72489	57.235	ug/l #	99
73) Isopropylbenzene	12.331	105	524603	54.396	ug/l	100
74) N-amyl acetate	12.142	43	127892	49.862	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	99145	51.333	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	130261	98.168	ug/l #	100
77) Bromobenzene	12.605	156	131337	54.155	ug/l	87
78) n-propylbenzene	12.672	91	625603	53.684	ug/l	97
79) 2-Chlorotoluene	12.758	91	347365	53.762	ug/l	94
80) 1,3,5-Trimethylbenzene	12.813	105	437144	54.855	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	34553	51.345	ug/l	88
82) 4-Chlorotoluene	12.855	91	361702	53.961	ug/l	95
83) tert-Butylbenzene	13.075	119	385332	54.425	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	438854	55.065	ug/l	97
85) sec-Butylbenzene	13.251	105	569404	54.244	ug/l	98
86) p-Isopropyltoluene	13.367	119	487408	55.251	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	259408	54.072	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	257101	54.051	ug/l	97
89) n-Butylbenzene	13.697	91	439035	54.493	ug/l	98
90) Hexachloroethane	13.959	117	91131	53.621	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	230393	54.973	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15407	52.435	ug/l	68
93) 1,2,4-Trichlorobenzene	15.007	180	145675	55.380	ug/l	99
94) Hexachlorobutadiene	15.111	225	87234	55.902	ug/l	99
95) Naphthalene	15.233	128	278941	55.542	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	127066	54.991	ug/l	99

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QLast Update : Tue Jul 19 04:22:09 2022
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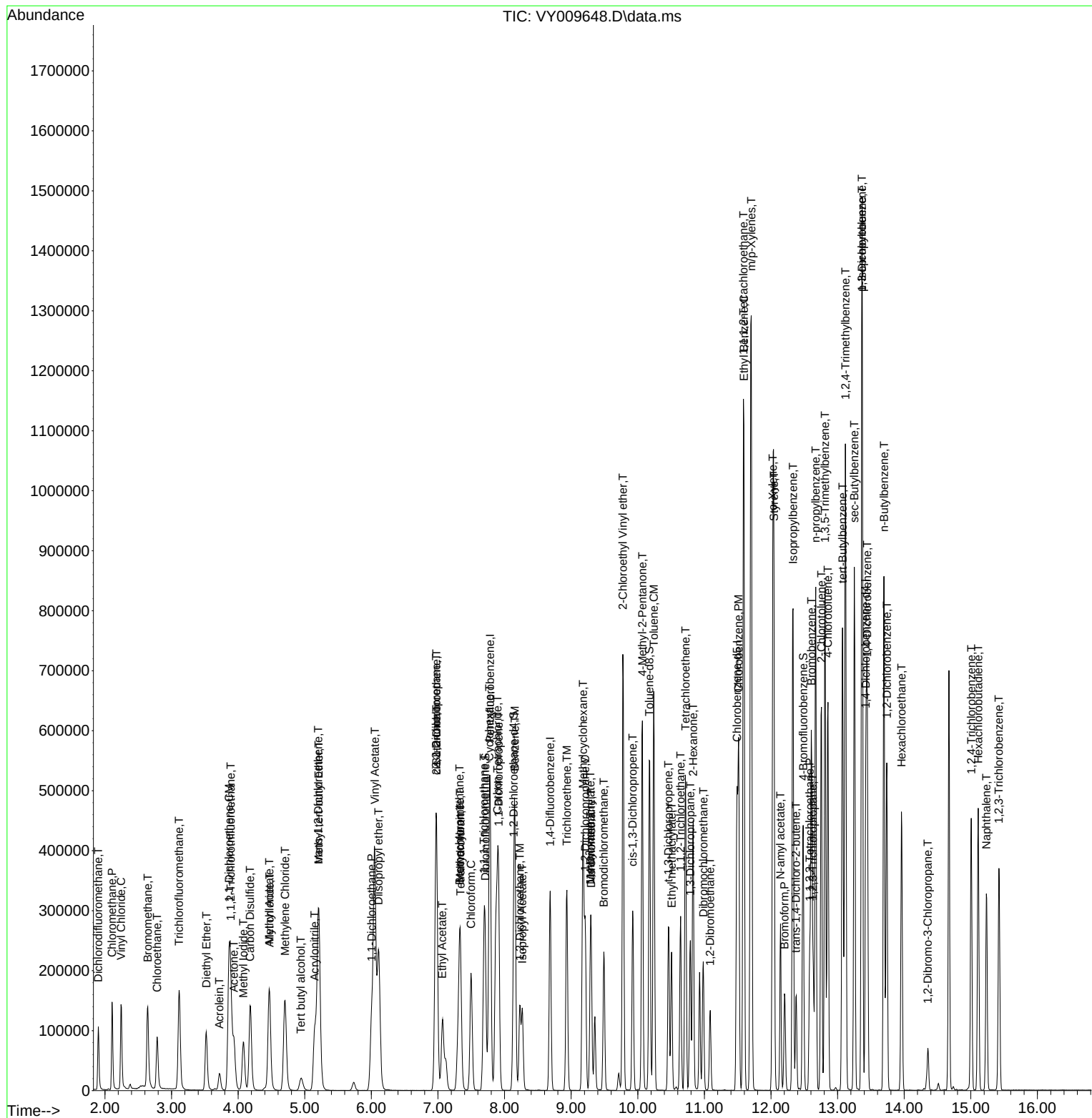
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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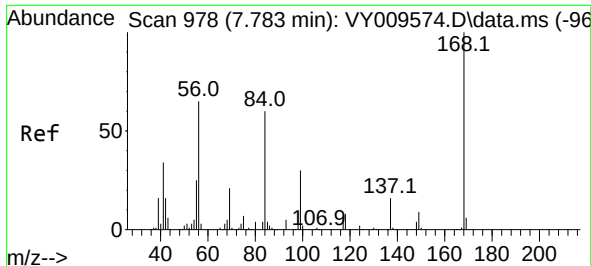
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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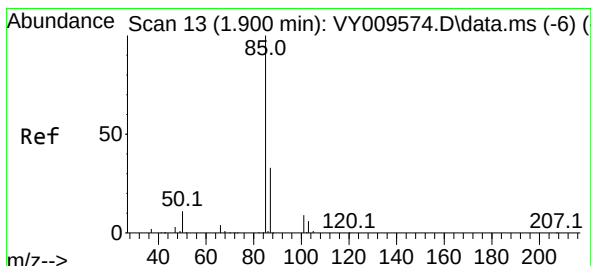
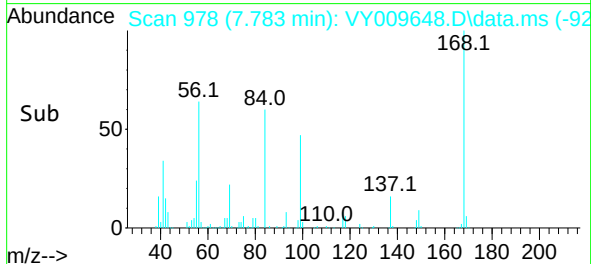
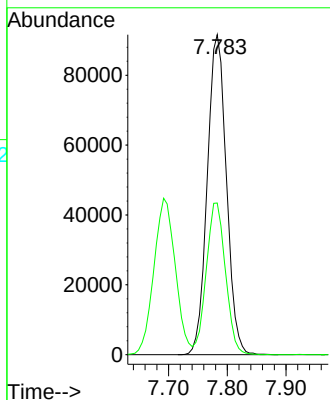
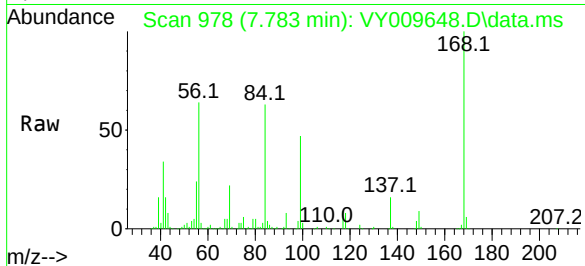




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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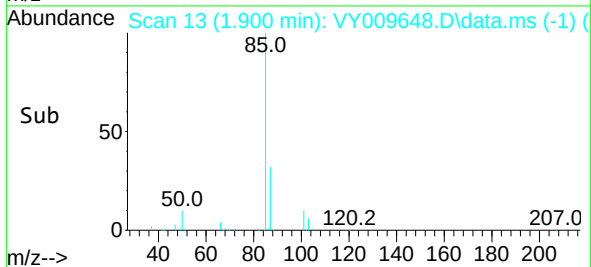
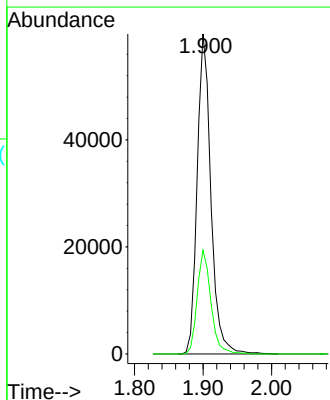
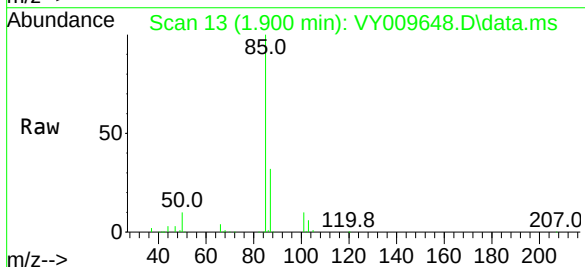
Instrument :
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VSTDCCC050

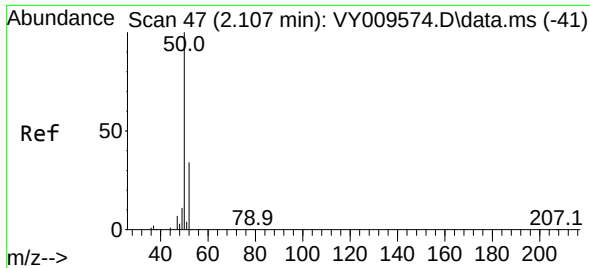
Tgt Ion:168 Resp: 207304
Ion Ratio Lower Upper
168 100
99 47.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 45.847 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

Tgt Ion: 85 Resp: 83396
Ion Ratio Lower Upper
85 100
87 32.4 16.1 48.2

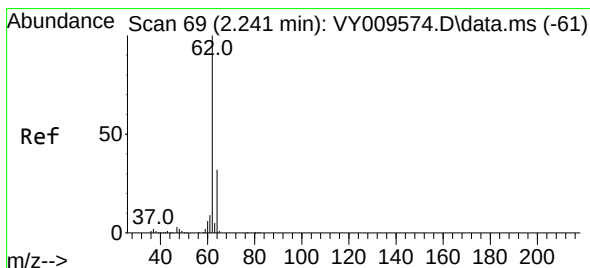
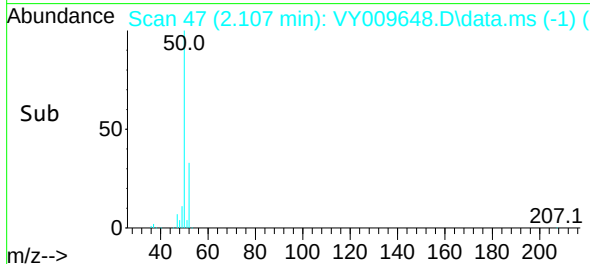
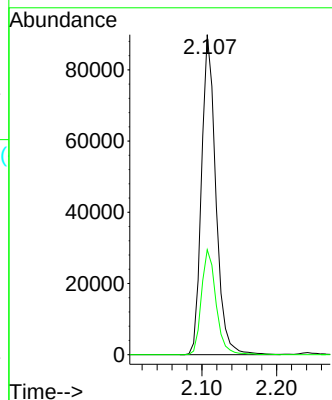
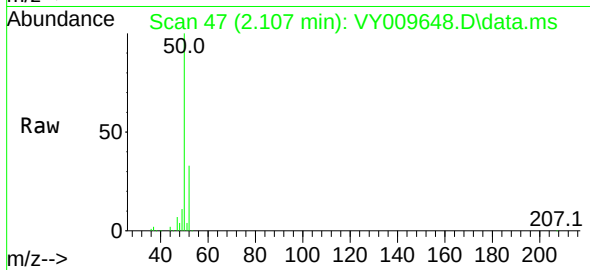




#3
Chloromethane
Concen: 44.323 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009648.D
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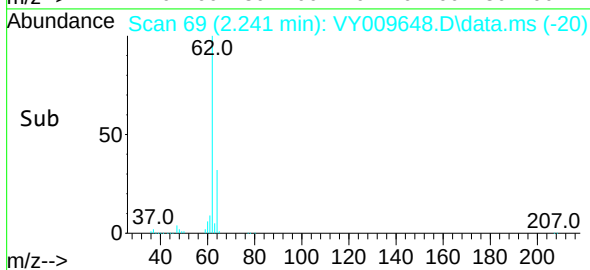
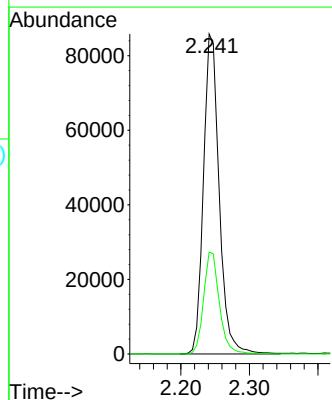
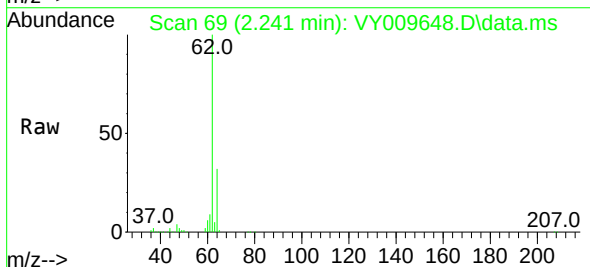
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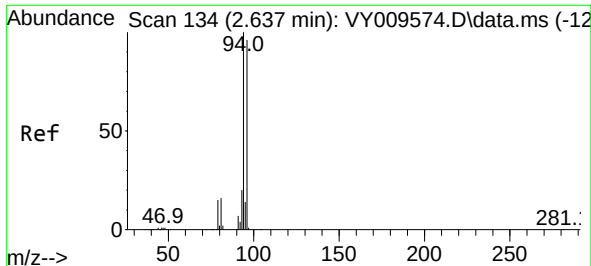
Tgt Ion: 50 Resp: 119479
Ion Ratio Lower Upper
50 100
52 32.8 24.6 37.0



#4
Vinyl Chloride
Concen: 48.692 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

Tgt Ion: 62 Resp: 137259
Ion Ratio Lower Upper
62 100
64 31.8 25.0 37.6

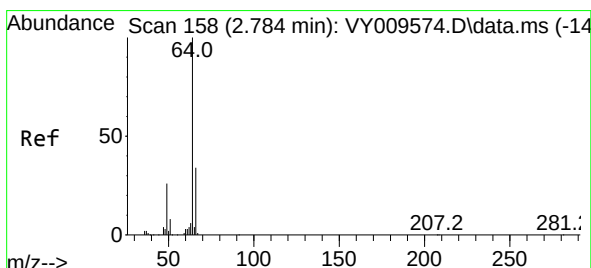
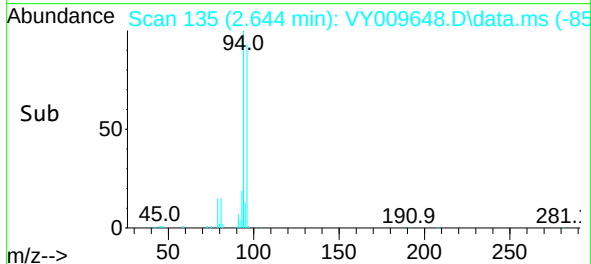
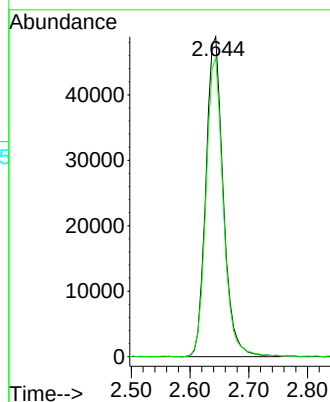
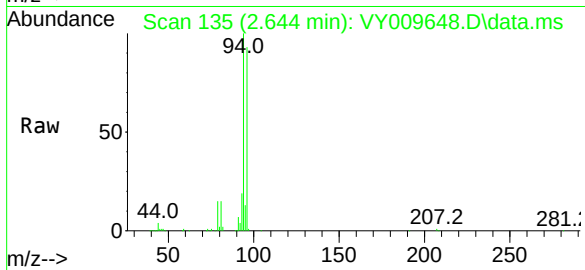




#5
Bromomethane
Concen: 52.530 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009648.D
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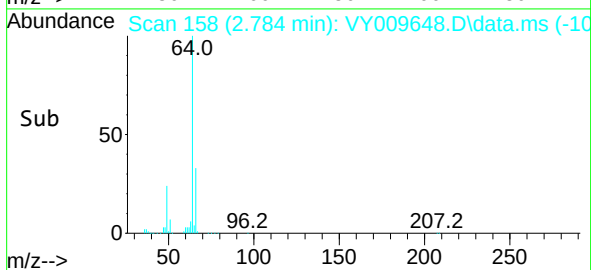
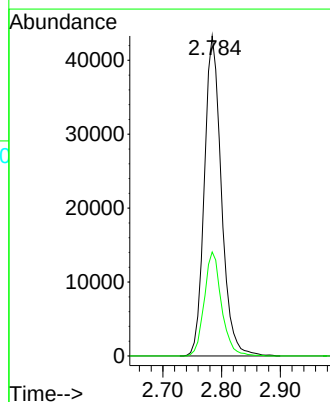
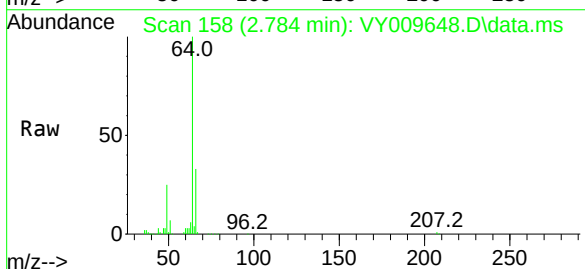
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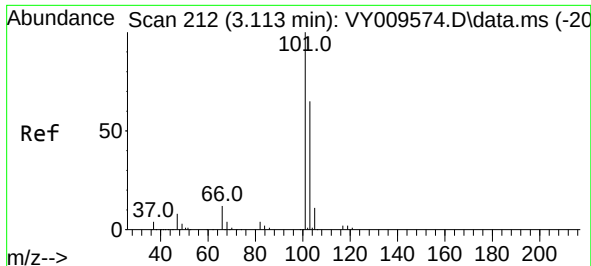
Tgt Ion: 94 Resp: 100225
Ion Ratio Lower Upper
94 100
96 93.3 73.5 110.3



#6
Chloroethane
Concen: 50.925 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

Tgt Ion: 64 Resp: 87200
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.0

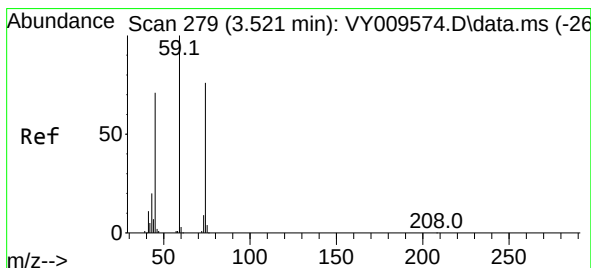
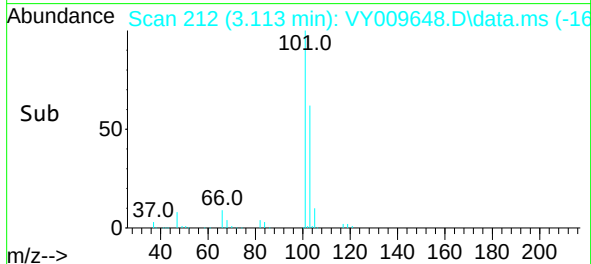
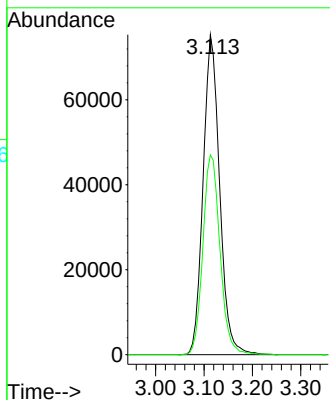
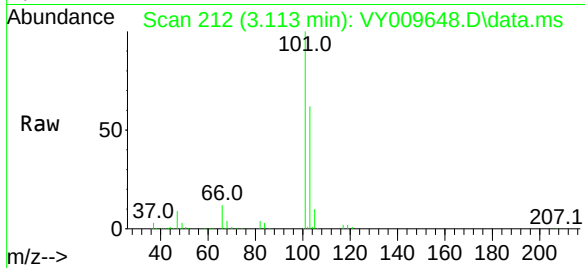




#7
 Trichlorofluoromethane
 Concen: 53.520 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VY009648.D
 Acq: 22 Jul 2022 09:26

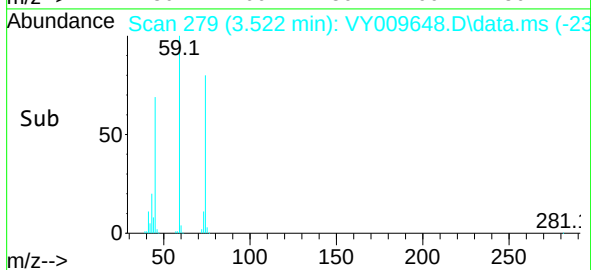
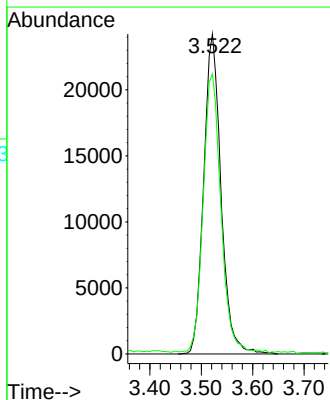
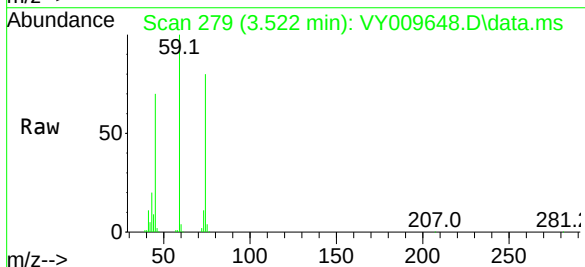
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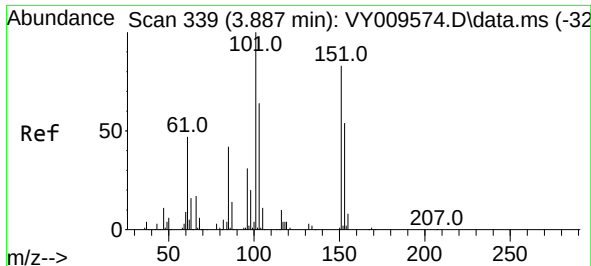
Tgt Ion:101 Resp: 178774
 Ion Ratio Lower Upper
 101 100
 103 62.4 48.0 72.0



#8
 Diethyl Ether
 Concen: 51.838 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 56654
 Ion Ratio Lower Upper
 74 100
 45 88.9 55.1 165.5

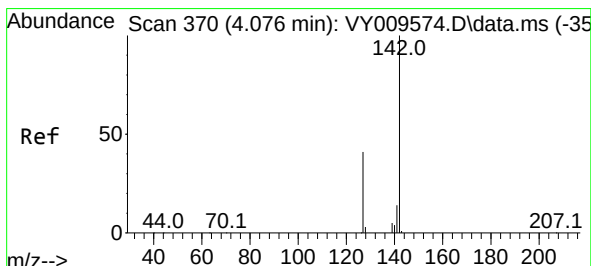
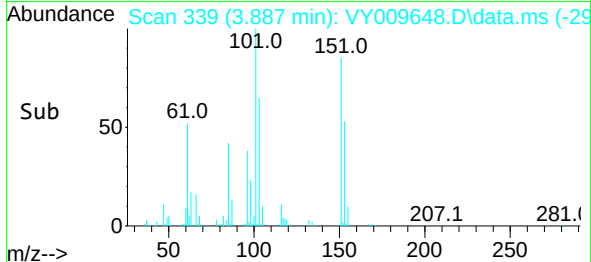
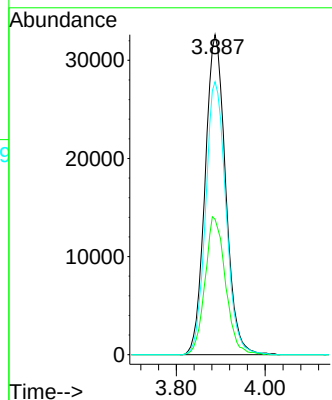
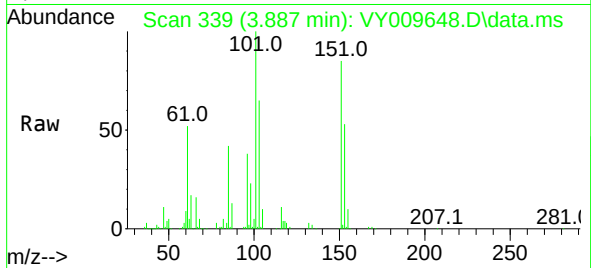




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 53.646 ug/l
 RT: 3.887 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VY009648.D
 Acq: 22 Jul 2022 09:26

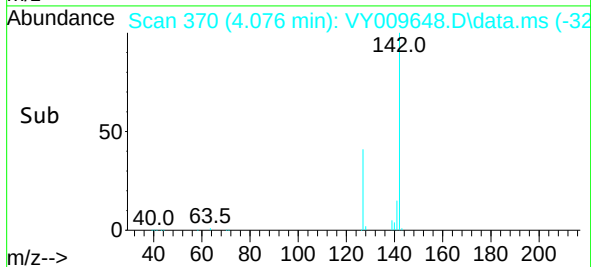
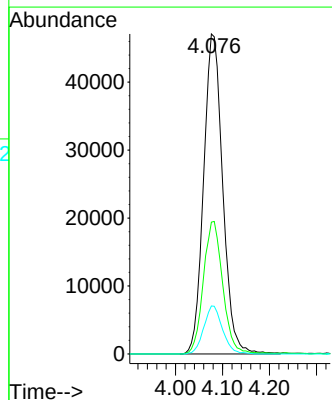
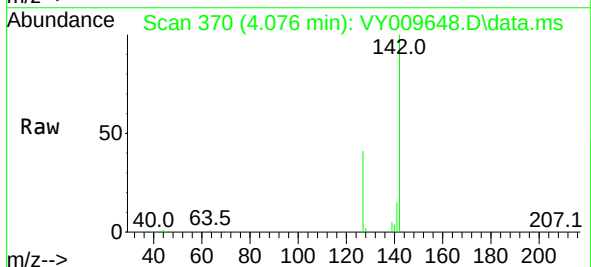
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

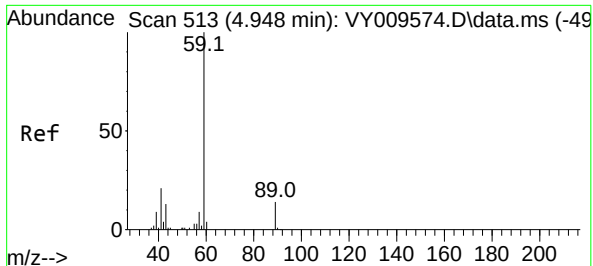
Tgt Ion:101 Resp: 104787
 Ion Ratio Lower Upper
 101 100
 85 42.8 40.6 60.8
 151 84.6 64.9 97.3



#10
 Methyl Iodide
 Concen: 51.278 ug/l
 RT: 4.076 min Scan# 370
 Delta R.T. 0.000 min
 Lab File: VY009648.D
 Acq: 22 Jul 2022 09:26

Tgt Ion:142 Resp: 133051
 Ion Ratio Lower Upper
 142 100
 127 41.9 41.5 62.3
 141 14.7 11.9 17.9

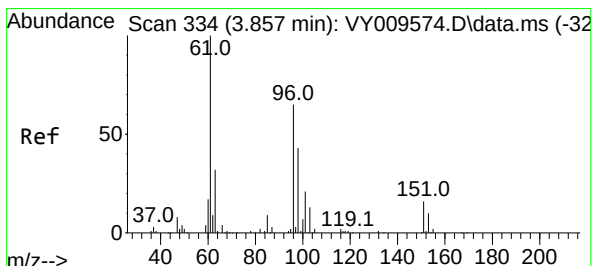
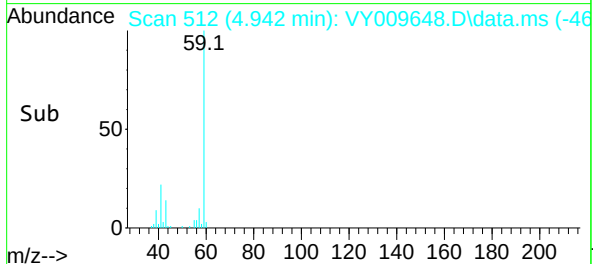
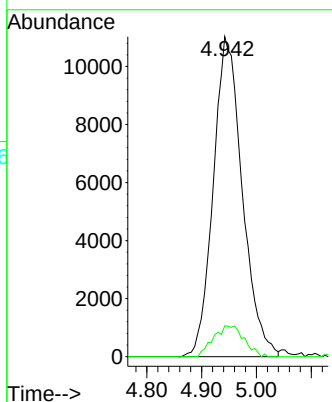
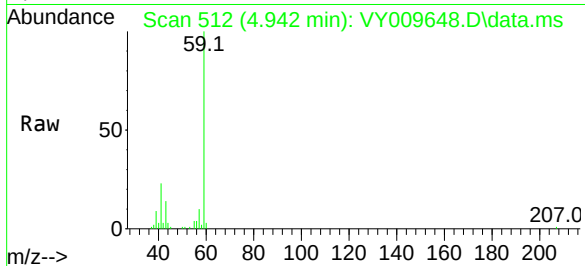




#11
Tert butyl alcohol
Concen: 202.226 ug/l
RT: 4.942 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

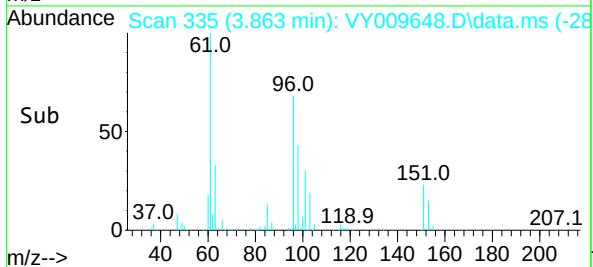
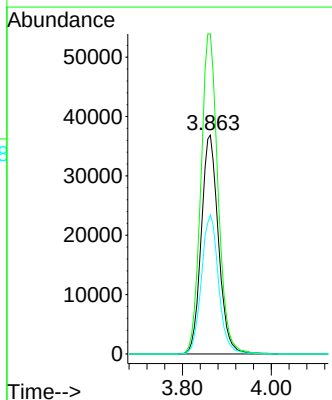
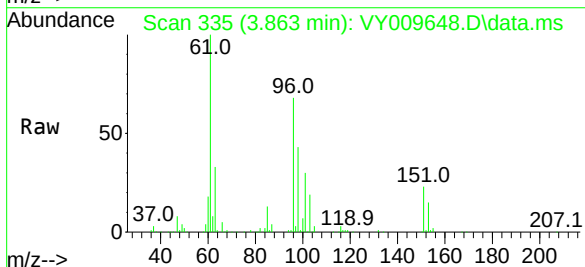
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

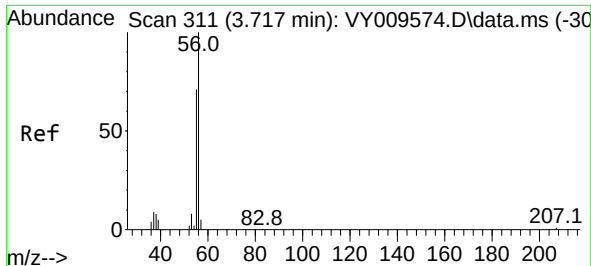
Tgt Ion: 59 Resp: 40521
Ion Ratio Lower Upper
59 100
57 10.2 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 52.038 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.006 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

Tgt Ion: 96 Resp: 99205
Ion Ratio Lower Upper
96 100
61 146.2 145.8 218.6
98 63.5 52.5 78.7

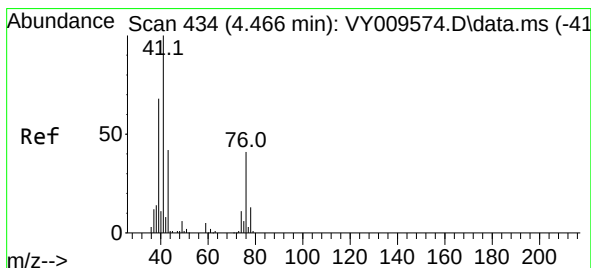
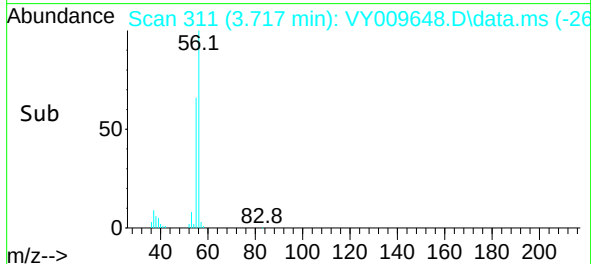
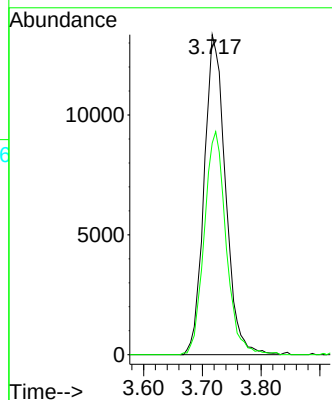
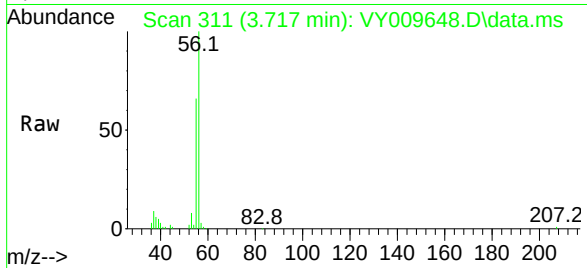




#13
Acrolein
Concen: 240.685 ug/l
RT: 3.717 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

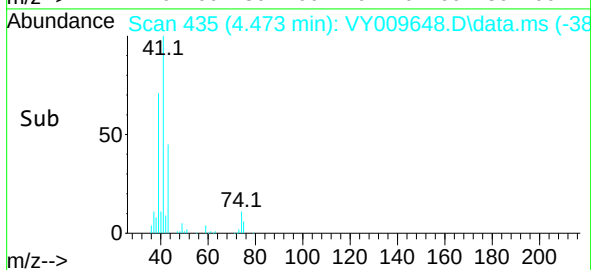
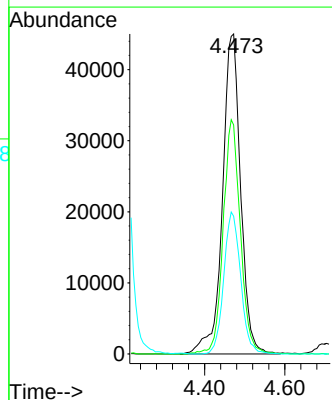
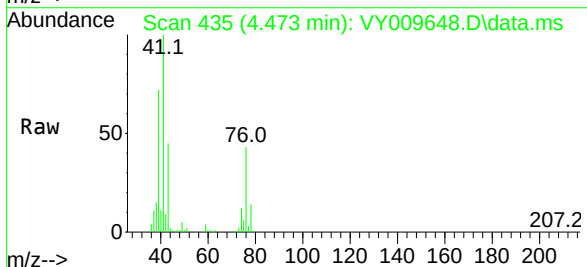
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

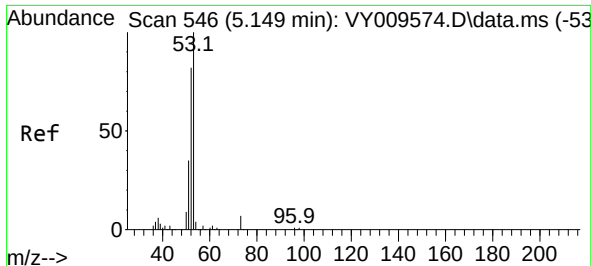
Tgt Ion: 56 Resp: 33736
Ion Ratio Lower Upper
56 100
55 71.3 57.6 86.4



#14
Allyl chloride
Concen: 48.115 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

Tgt Ion: 41 Resp: 141893
Ion Ratio Lower Upper
41 100
39 69.2 58.8 88.2
76 41.2 25.1 37.7#

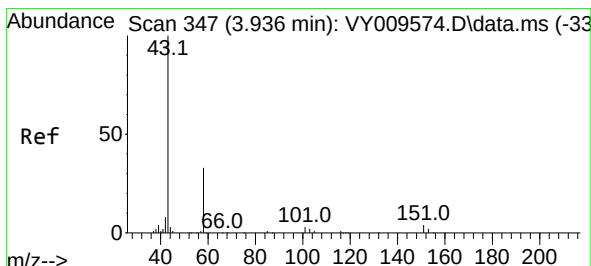
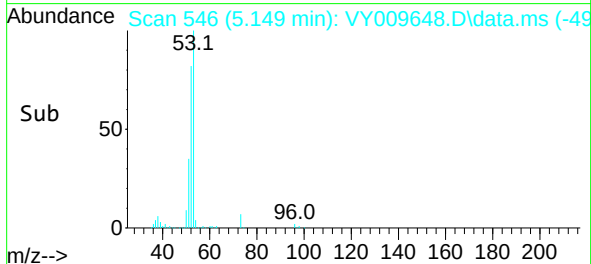
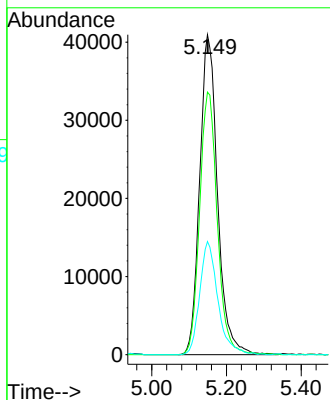
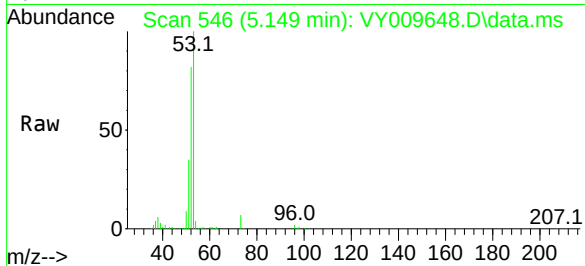




#15
Acrylonitrile
Concen: 251.471 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

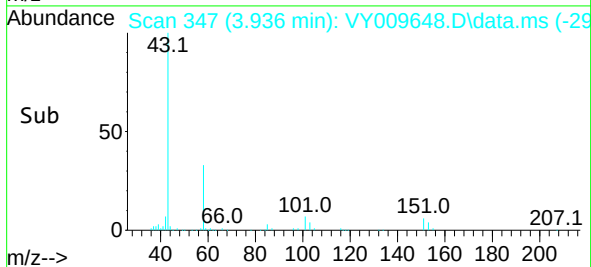
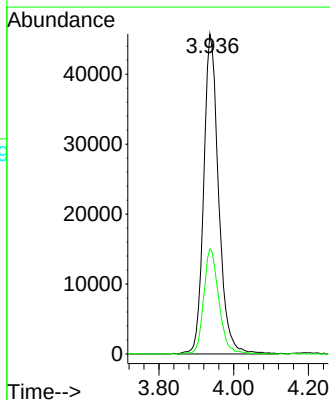
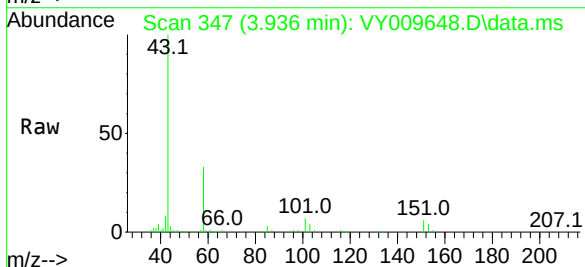
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

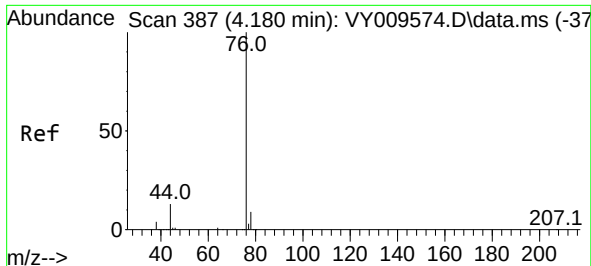
Tgt Ion: 53 Resp: 135736
Ion Ratio Lower Upper
53 100
52 81.4 67.0 100.4
51 36.0 29.8 44.6



#16
Acetone
Concen: 255.647 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

Tgt Ion: 43 Resp: 126793
Ion Ratio Lower Upper
43 100
58 32.8 22.0 33.0

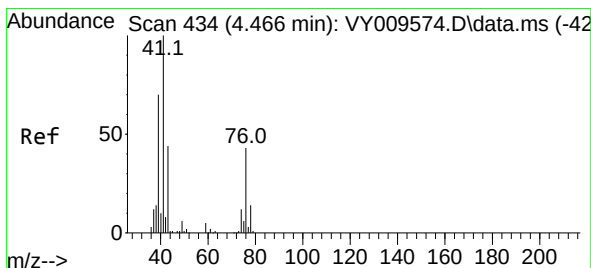
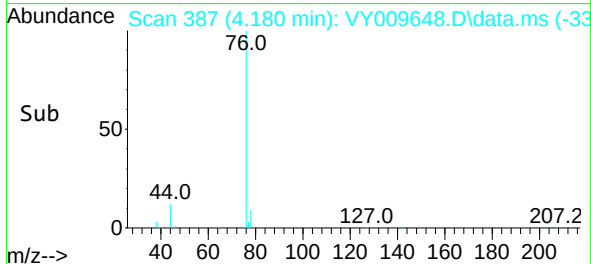
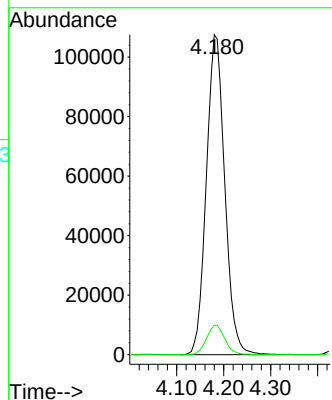
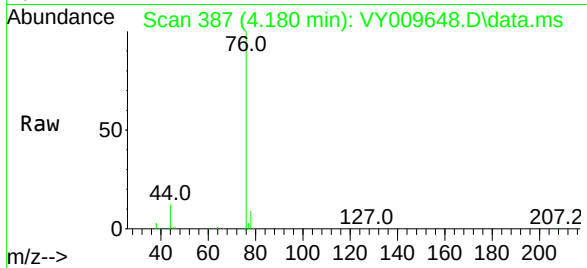




#17
Carbon Disulfide
Concen: 49.294 ug/l
RT: 4.180 min Scan# 387
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

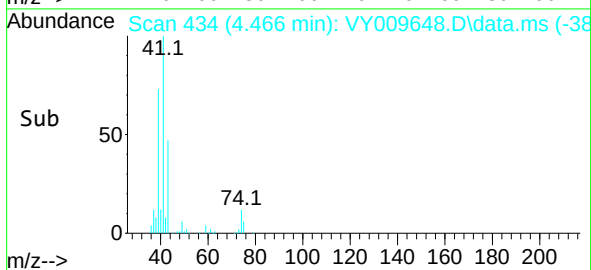
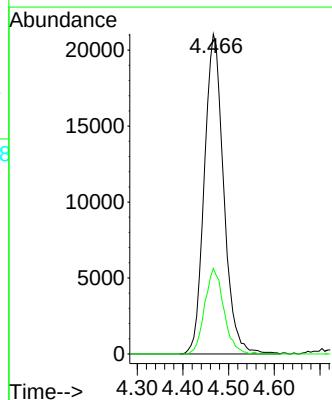
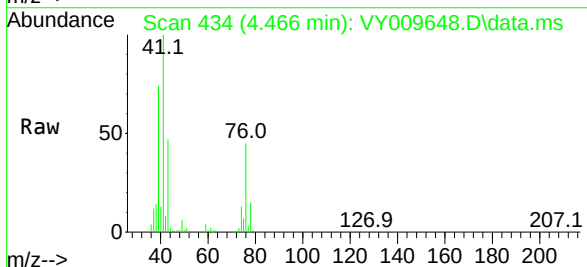
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

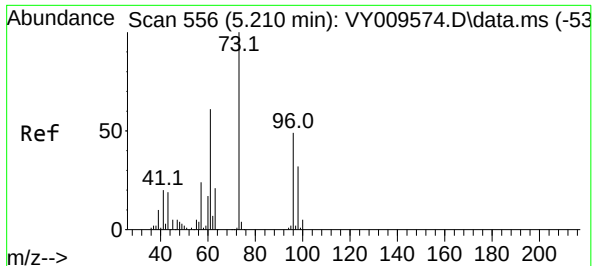
Tgt Ion: 76 Resp: 292142
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 44.460 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

Tgt Ion: 43 Resp: 61898
Ion Ratio Lower Upper
43 100
74 26.2 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 51.178 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY009648.D

Acq: 22 Jul 2022 09:26

Instrument :

MSVOA_Y

ClientSampleId :

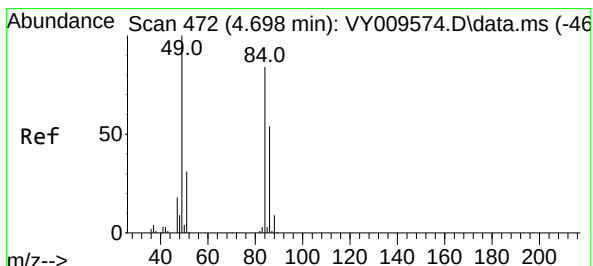
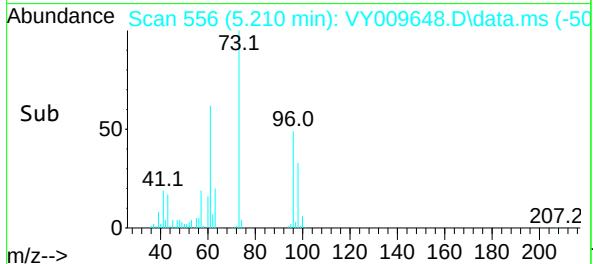
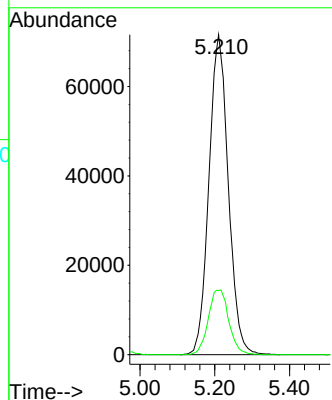
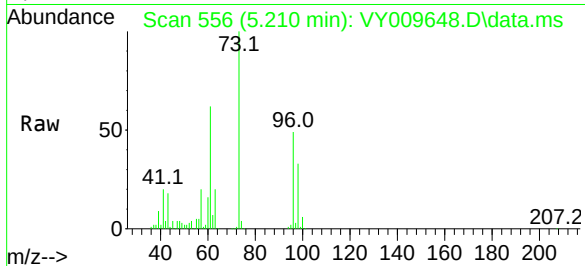
VSTDCCC050

Tgt Ion: 73 Resp: 257138

Ion Ratio Lower Upper

73 100

57 20.1 18.6 27.8



#20

Methylene Chloride

Concen: 47.937 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.006 min

Lab File: VY009648.D

Acq: 22 Jul 2022 09:26

Tgt Ion: 84 Resp: 119969

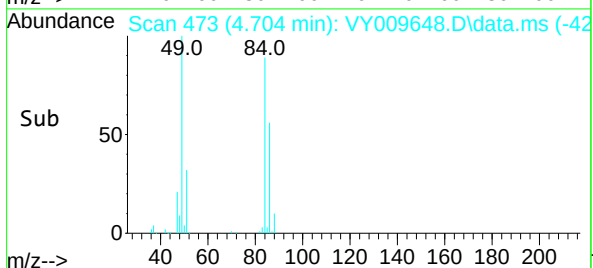
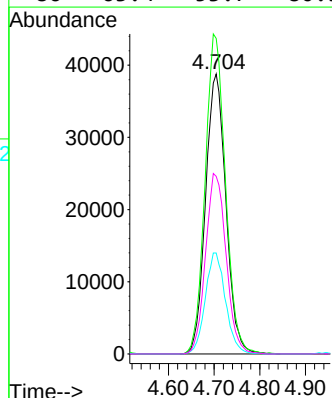
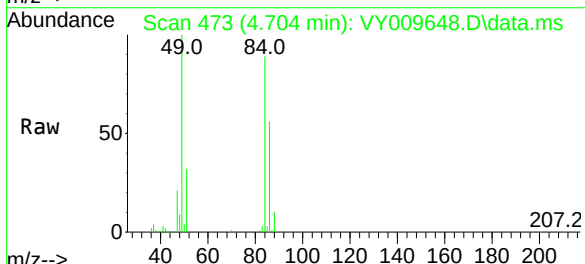
Ion Ratio Lower Upper

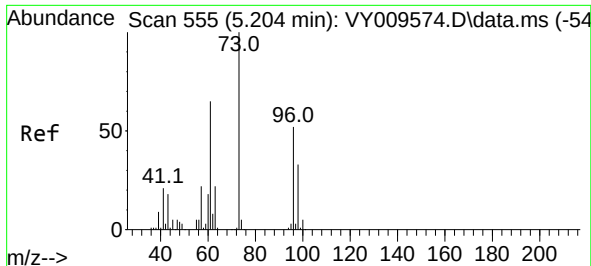
84 100

49 112.7 114.4 171.6#

51 36.1 35.3 52.9

86 63.4 53.7 80.5

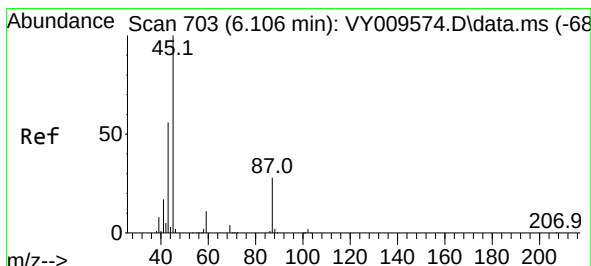
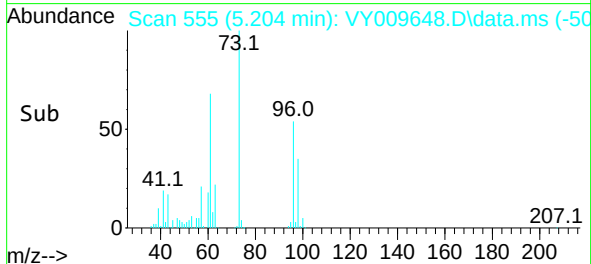
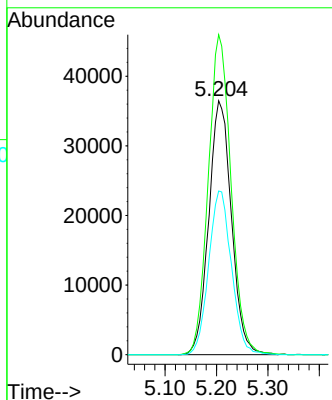
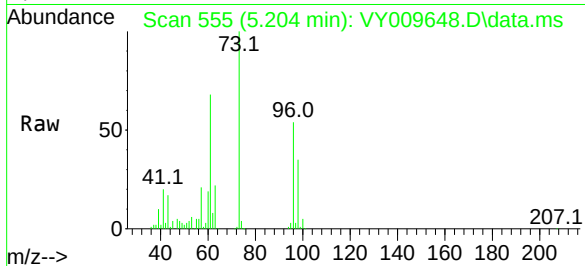




#21
trans-1,2-Dichloroethene
Concen: 51.888 ug/l
RT: 5.204 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

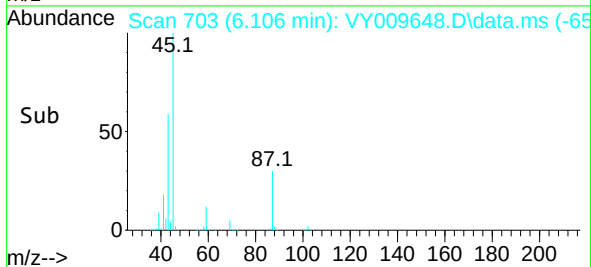
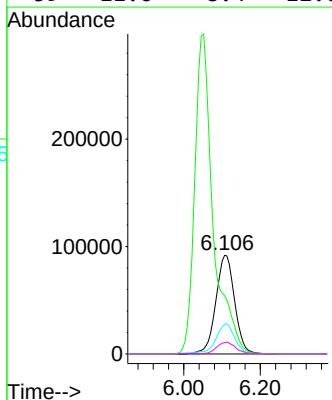
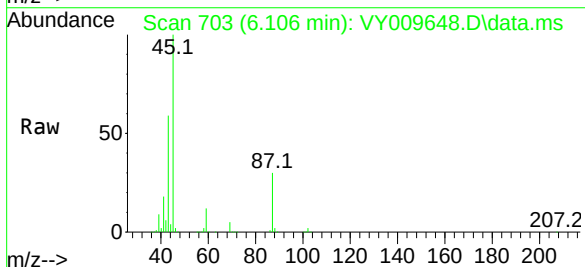
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

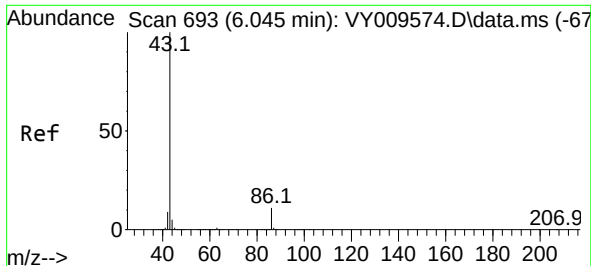
Tgt Ion: 96 Resp: 111958
Ion Ratio Lower Upper
96 100
61 126.0 120.5 180.7
98 64.4 49.8 74.8



#22
Diisopropyl ether
Concen: 49.790 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

Tgt Ion: 45 Resp: 313540
Ion Ratio Lower Upper
45 100
43 58.6 49.3 73.9
87 29.9 19.2 28.8#
59 11.6 8.4 12.6

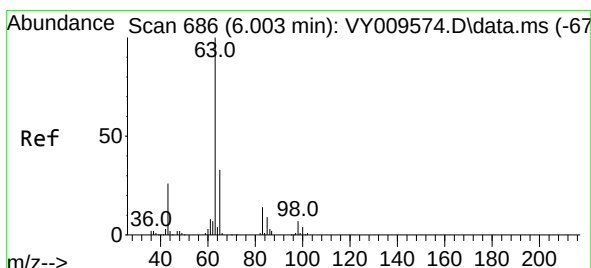
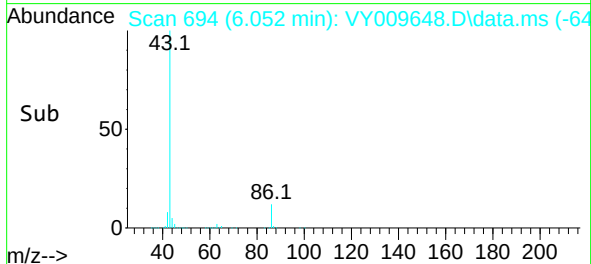
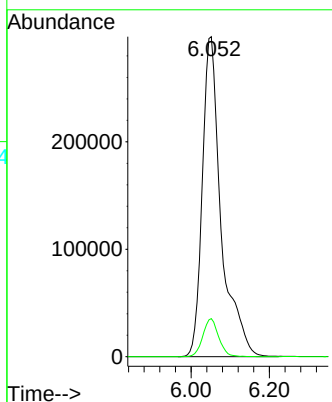
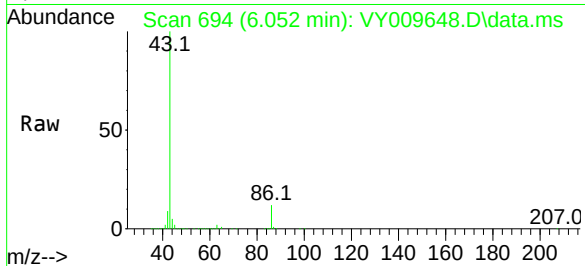




#23
 Vinyl Acetate
 Concen: 250.437 ug/l
 RT: 6.052 min Scan# 693
 Delta R.T. 0.006 min
 Lab File: VY009648.D
 Acq: 22 Jul 2022 09:26

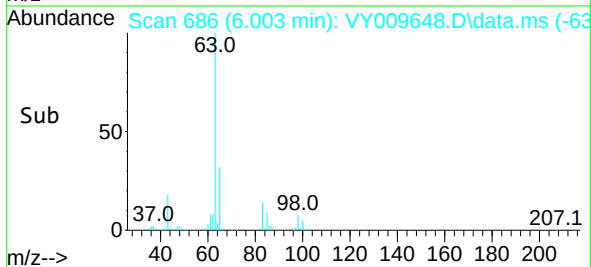
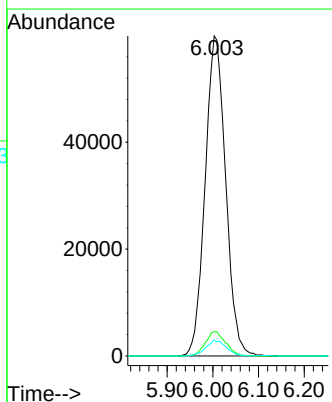
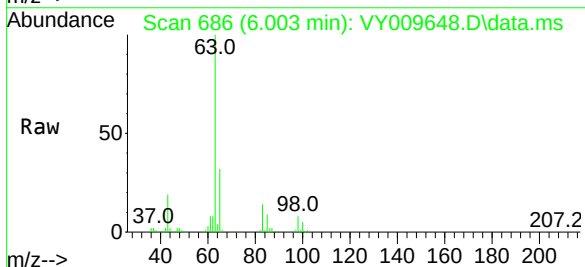
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

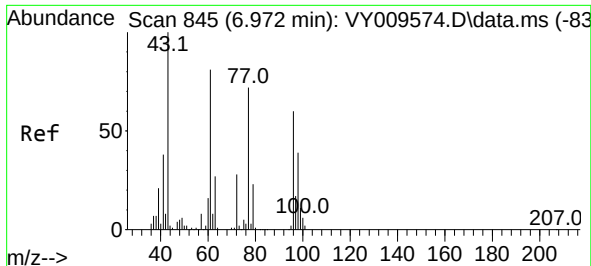
Tgt Ion: 43 Resp: 995040
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 51.446 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY009648.D
 Acq: 22 Jul 2022 09:26

Tgt Ion: 63 Resp: 187116
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.8
 100 4.9 2.0 5.8

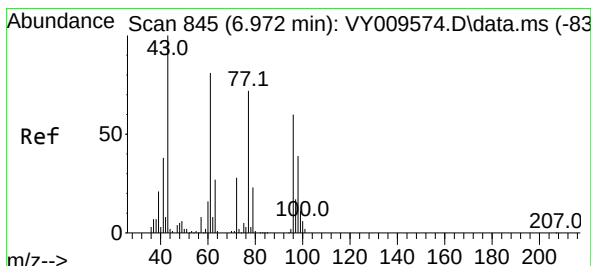
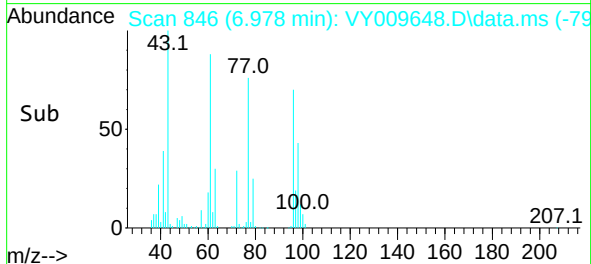
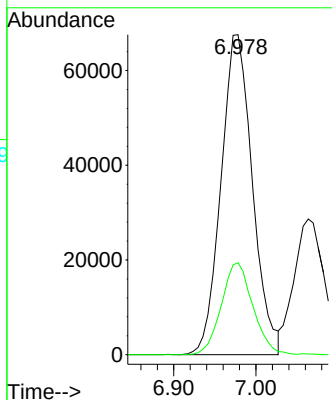
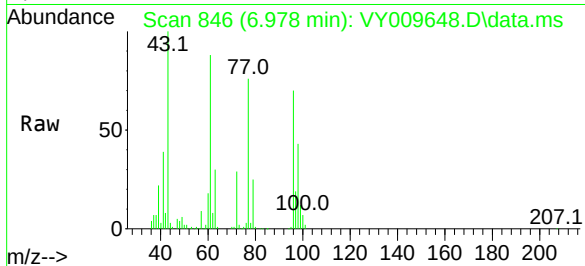




#25
2-Butanone
Concen: 248.826 ug/l
RT: 6.978 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

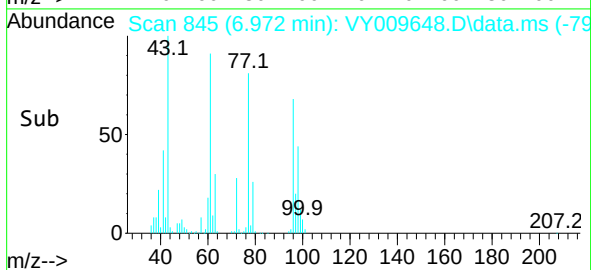
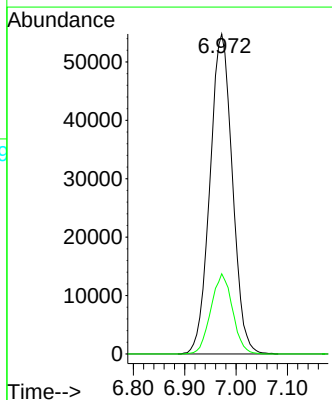
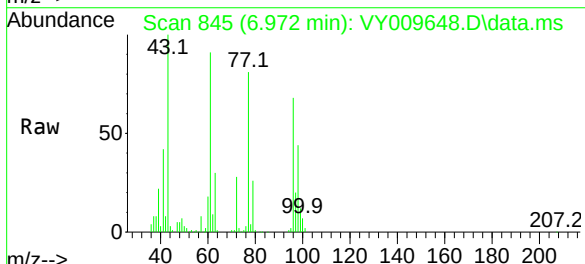
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

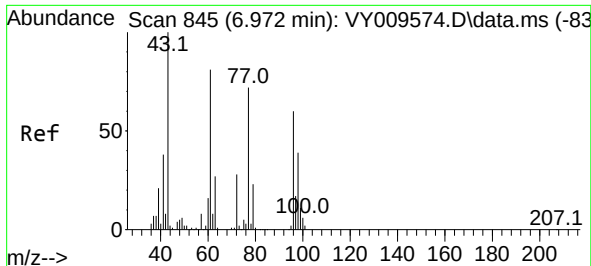
Tgt Ion: 43 Resp: 180016
Ion Ratio Lower Upper
43 100
72 28.7 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 50.942 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

Tgt Ion: 77 Resp: 165981
Ion Ratio Lower Upper
77 100
97 24.1 10.4 31.4

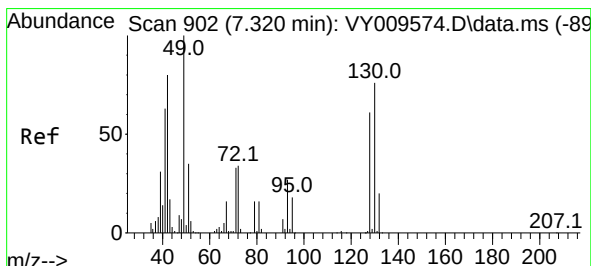
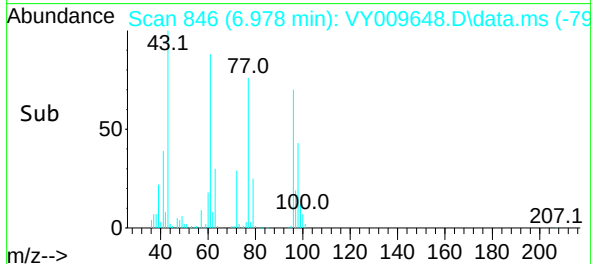
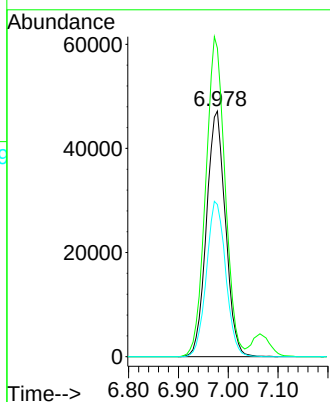
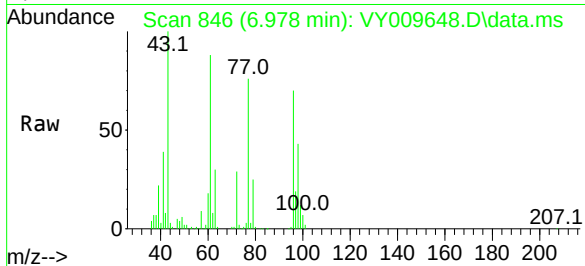




#27
 cis-1,2-Dichloroethene
 Concen: 52.393 ug/l
 RT: 6.978 min Scan# 845
 Delta R.T. 0.006 min
 Lab File: VY009648.D
 Acq: 22 Jul 2022 09:26

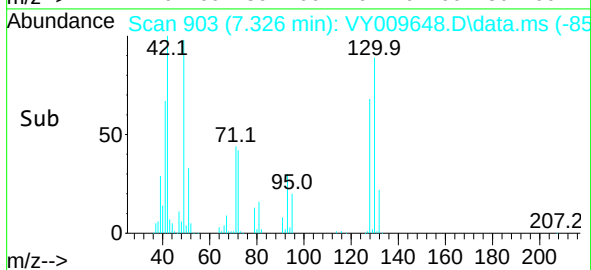
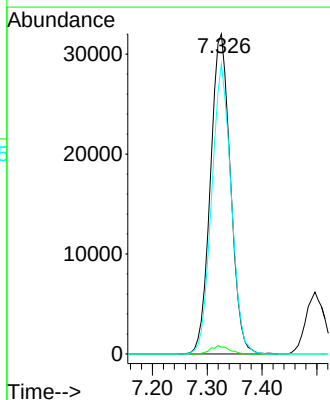
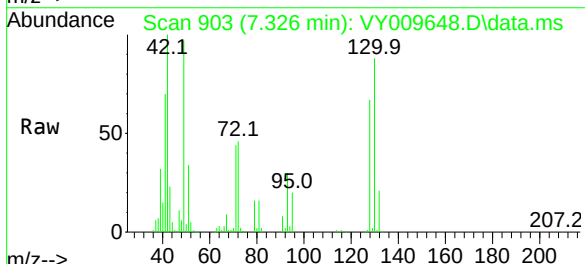
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

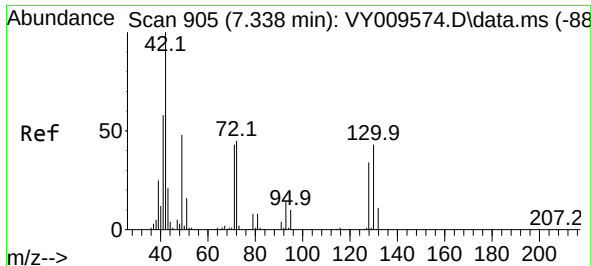
Tgt Ion: 96 Resp: 124988
 Ion Ratio Lower Upper
 96 100
 61 132.6 0.0 319.8
 98 64.2 0.0 127.0



#28
 Bromochloromethane
 Concen: 51.992 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. 0.006 min
 Lab File: VY009648.D
 Acq: 22 Jul 2022 09:26

Tgt Ion: 49 Resp: 81023
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 2.2#
 130 88.4 55.4 83.0#





#29

Tetrahydrofuran

Concen: 240.977 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY009648.D

Acq: 22 Jul 2022 09:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

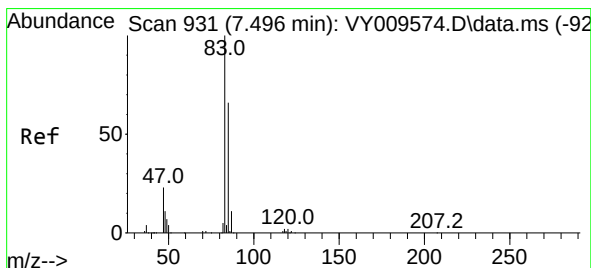
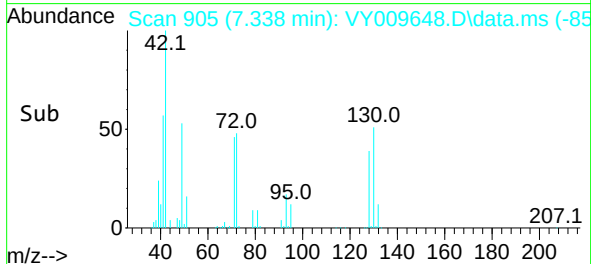
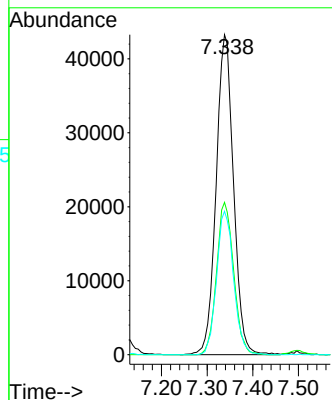
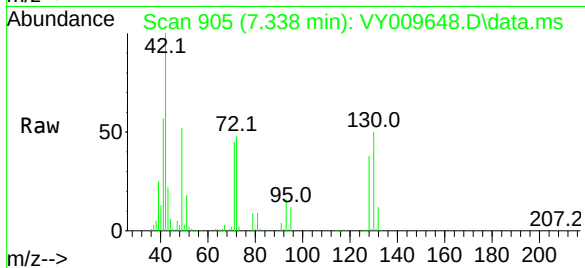
Tgt Ion: 42 Resp: 114460

Ion Ratio Lower Upper

42 100

72 46.9 30.3 45.5#

71 43.9 29.0 43.4#



#30

Chloroform

Concen: 52.521 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY009648.D

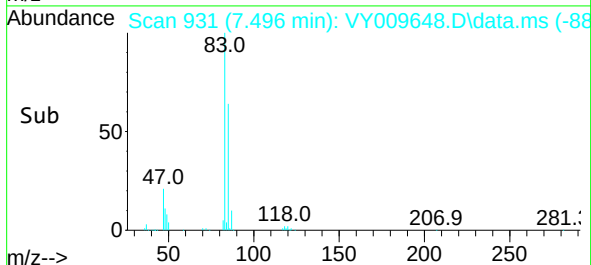
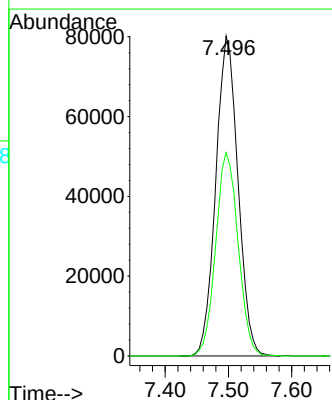
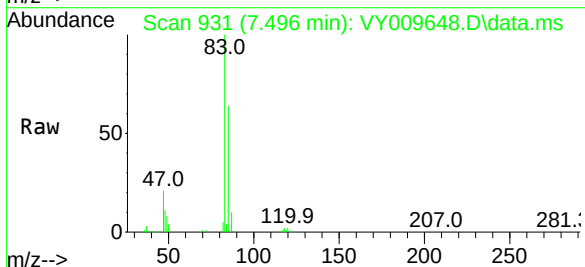
Acq: 22 Jul 2022 09:26

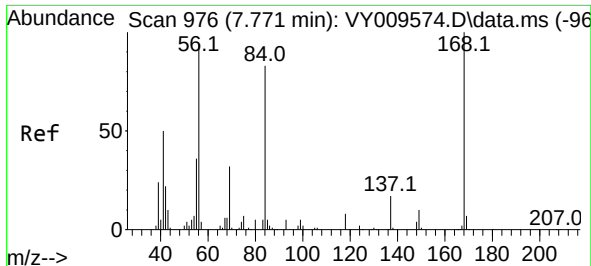
Tgt Ion: 83 Resp: 195412

Ion Ratio Lower Upper

83 100

85 63.6 51.8 77.6

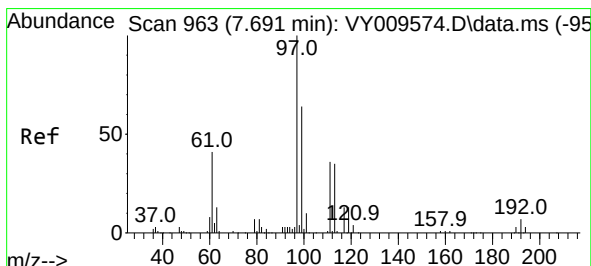
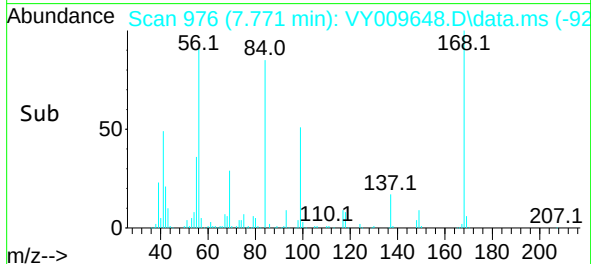
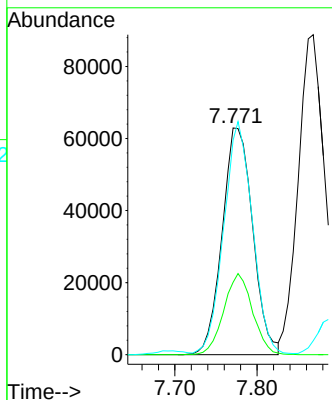
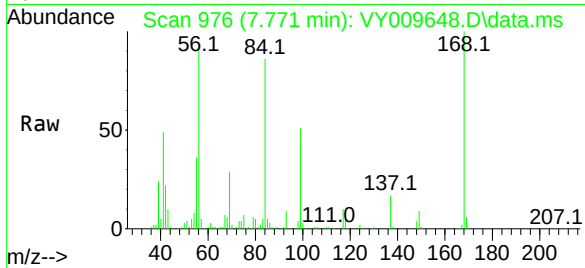




#31
Cyclohexane
Concen: 47.051 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

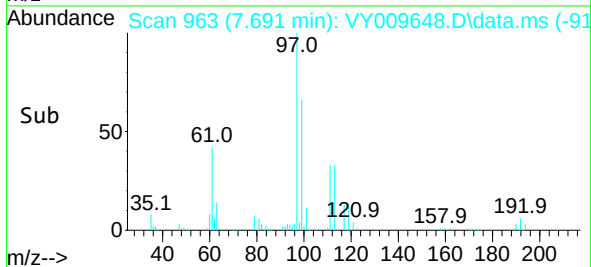
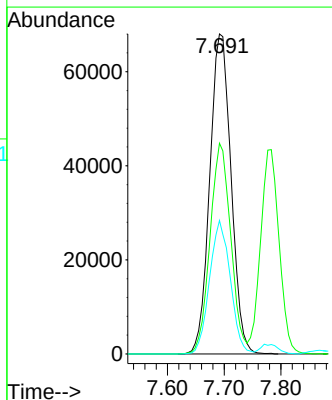
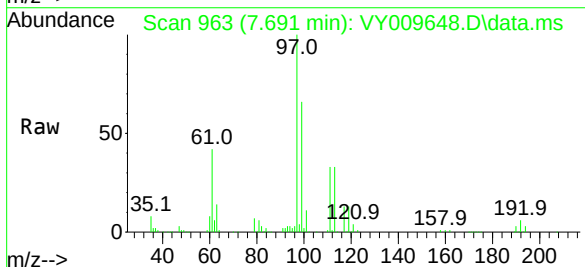
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

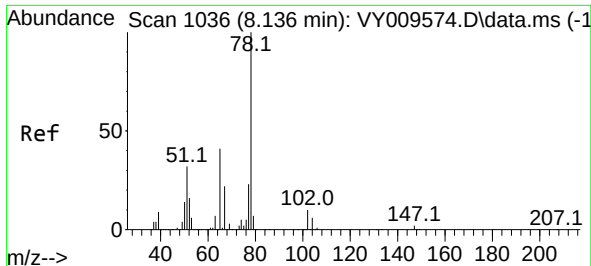
Tgt Ion: 56 Resp: 162660
Ion Ratio Lower Upper
56 100
69 31.9 26.7 40.1
84 93.1 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 53.172 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

Tgt Ion: 97 Resp: 177447
Ion Ratio Lower Upper
97 100
99 64.2 50.7 76.1
61 40.7 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 49.079 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009648.D

Acq: 22 Jul 2022 09:26

Instrument :

MSVOA_Y

ClientSampleId :

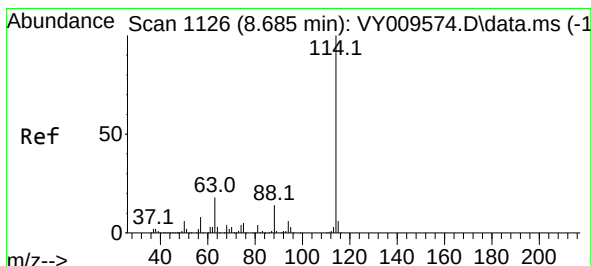
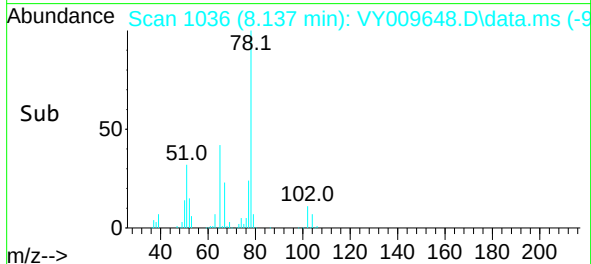
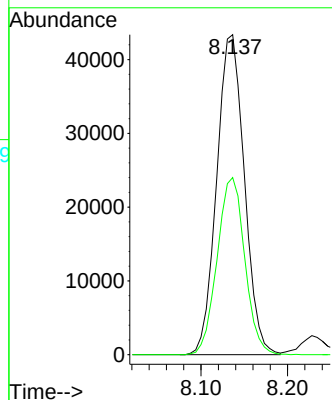
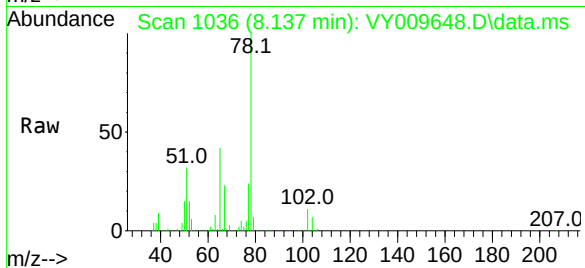
VSTDCCC050

Tgt Ion: 65 Resp: 96223

Ion Ratio Lower Upper

65 100

67 55.2 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: VY009648.D

Acq: 22 Jul 2022 09:26

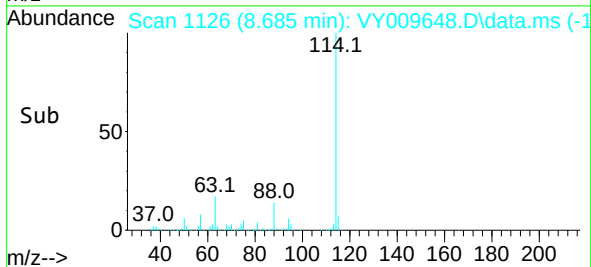
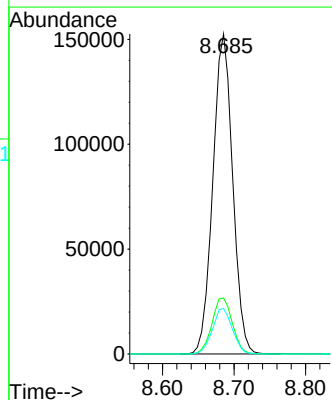
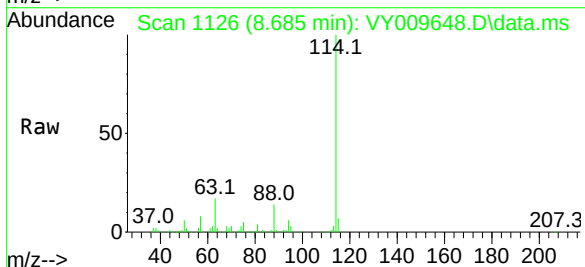
Tgt Ion: 114 Resp: 293443

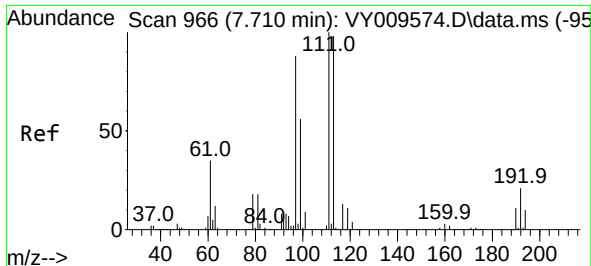
Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 14.2 0.0 31.8

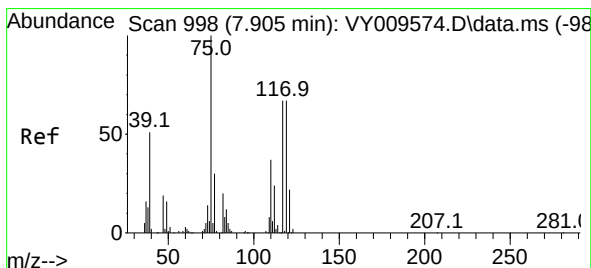
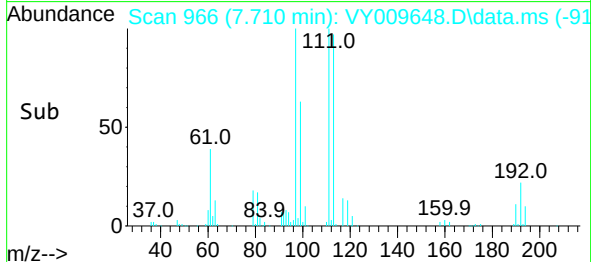
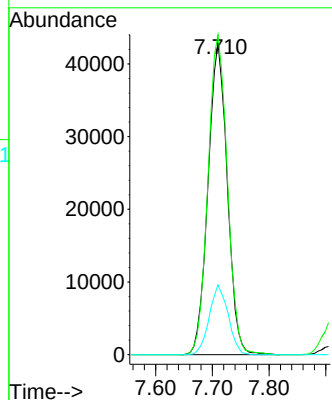
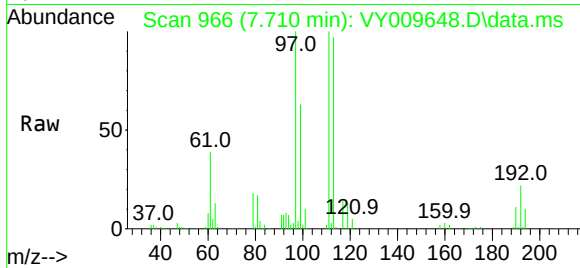




#35
Dibromofluoromethane
Concen: 54.610 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

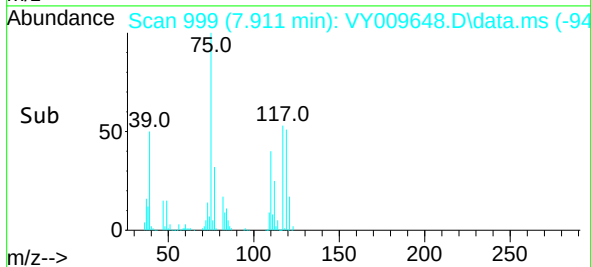
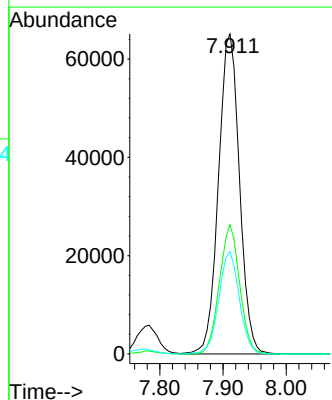
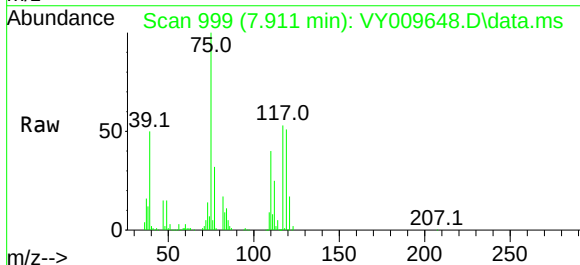
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

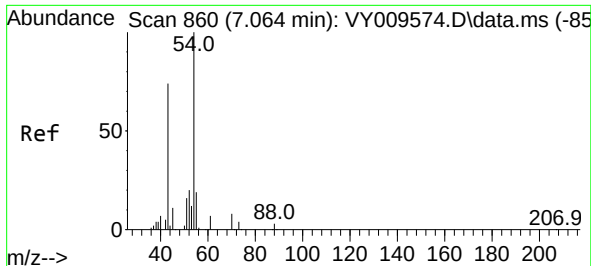
Tgt Ion:113 Resp: 100957
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 21.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 54.860 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

Tgt Ion: 75 Resp: 149869
Ion Ratio Lower Upper
75 100
110 38.9 17.1 51.2
77 31.4 24.4 36.6

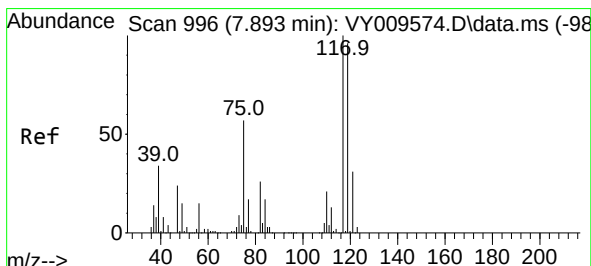
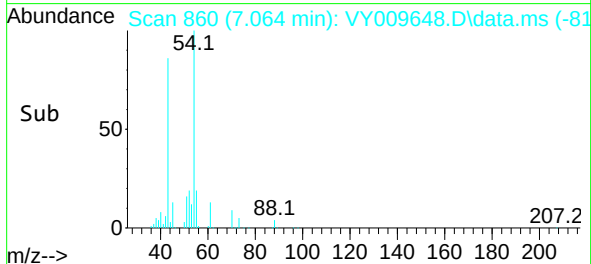
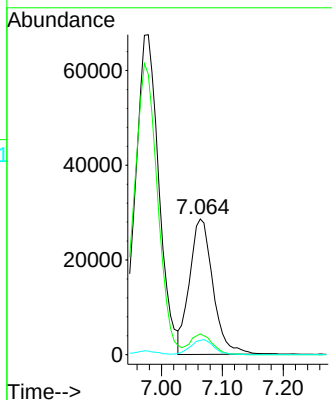
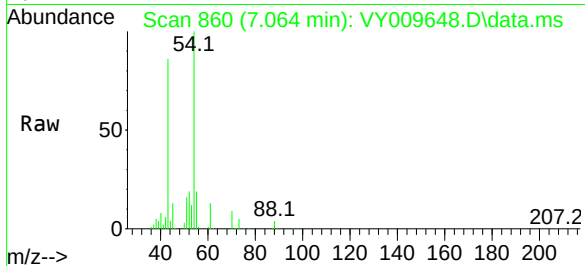




#37
Ethyl Acetate
Concen: 50.203 ug/l
RT: 7.064 min Scan# 860
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

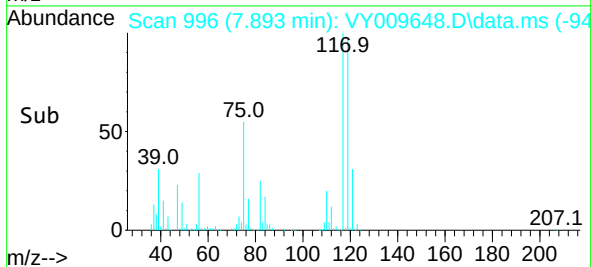
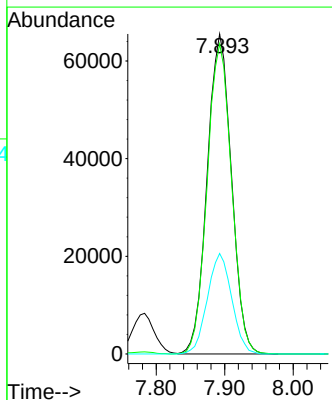
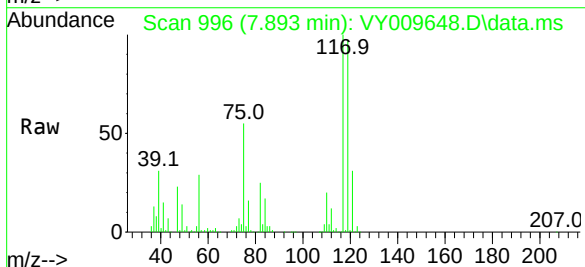
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

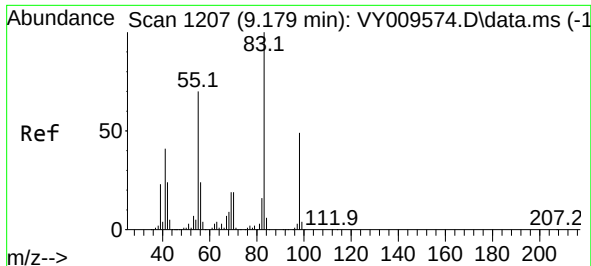
Tgt Ion: 43 Resp: 76331
Ion Ratio Lower Upper
43 100
61 14.7 9.7 14.5#
70 11.1 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 56.442 ug/l
RT: 7.893 min Scan# 996
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

Tgt Ion: 117 Resp: 161411
Ion Ratio Lower Upper
117 100
119 96.9 77.9 116.9
121 31.4 24.8 37.2





#39

Methylcyclohexane

Concen: 53.999 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009648.D

Acq: 22 Jul 2022 09:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

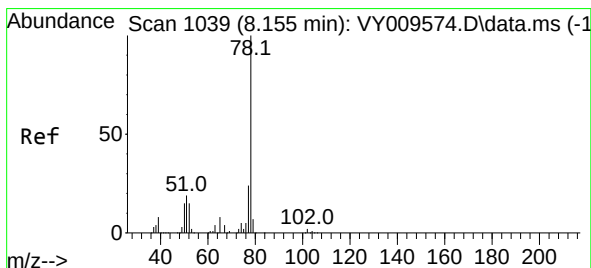
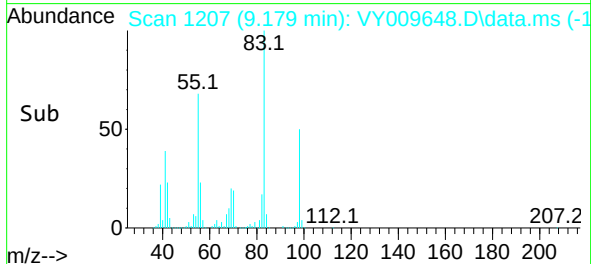
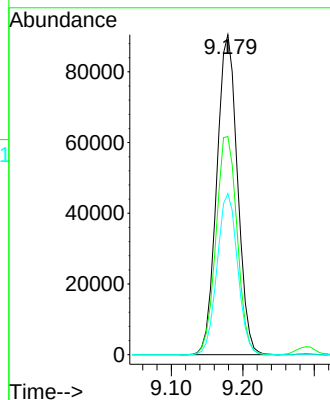
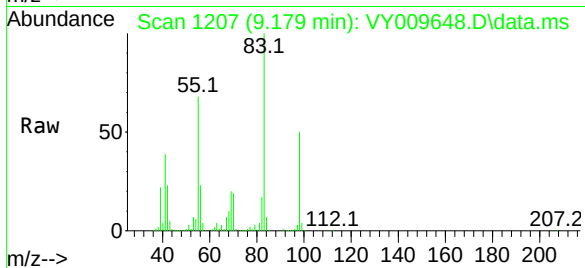
Tgt Ion: 83 Resp: 181893

Ion Ratio Lower Upper

83 100

55 68.1 66.5 99.7

98 50.3 37.9 56.9



#40

Benzene

Concen: 54.293 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY009648.D

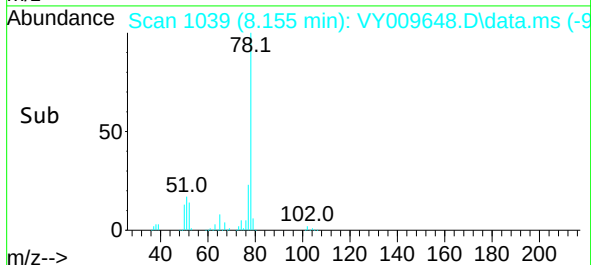
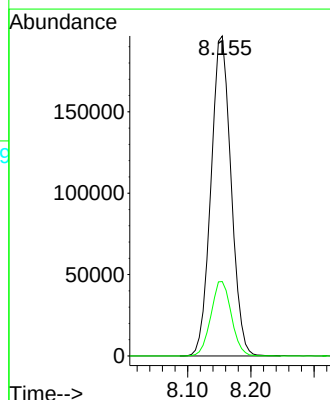
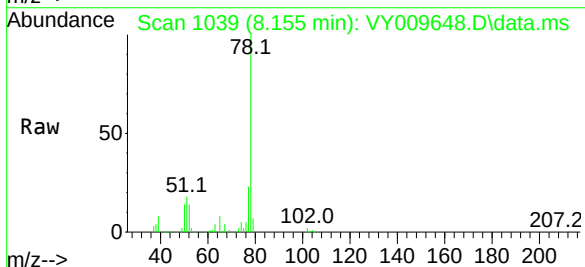
Acq: 22 Jul 2022 09:26

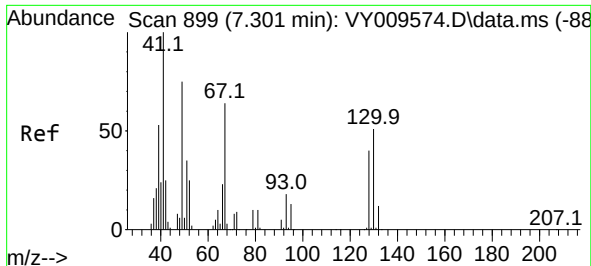
Tgt Ion: 78 Resp: 433998

Ion Ratio Lower Upper

78 100

77 23.3 20.4 30.6

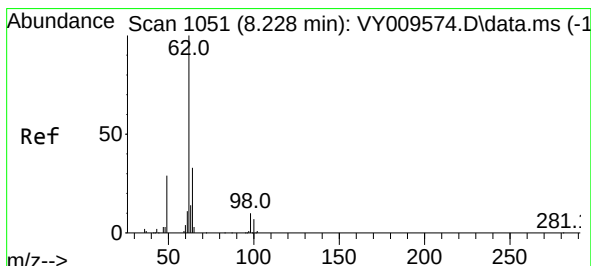
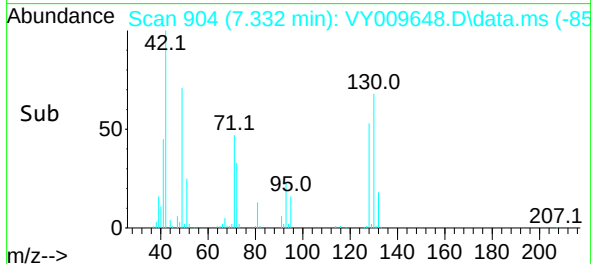
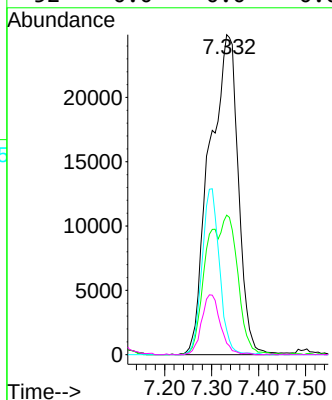
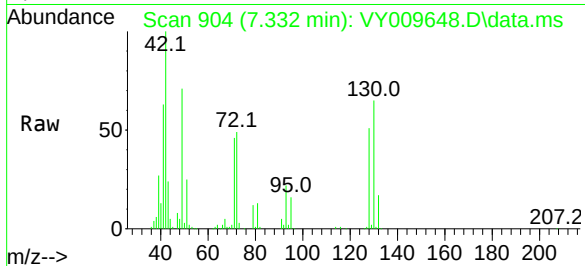




#41
Methacrylonitrile
Concen: 144.677 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.030 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

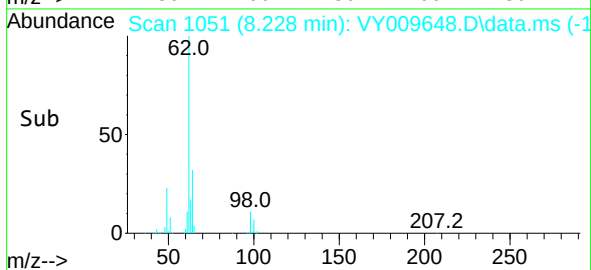
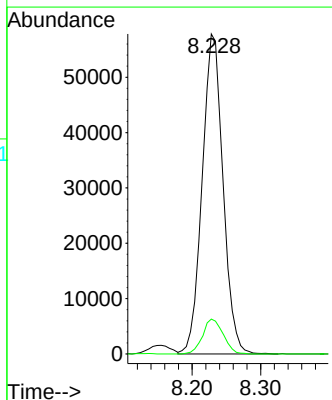
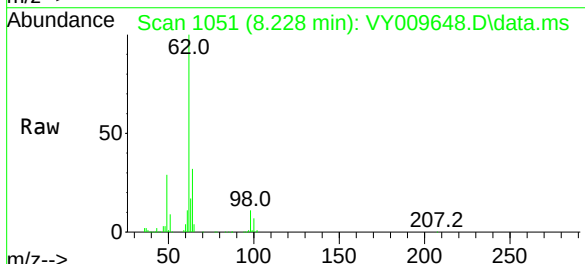
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

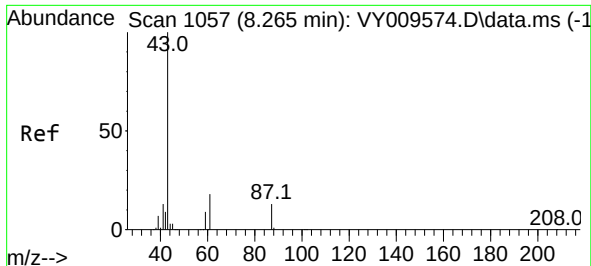
Tgt Ion: 41 Resp: 105555
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 54.585 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

Tgt Ion: 62 Resp: 122403
Ion Ratio Lower Upper
62 100
98 10.8 0.0 14.8

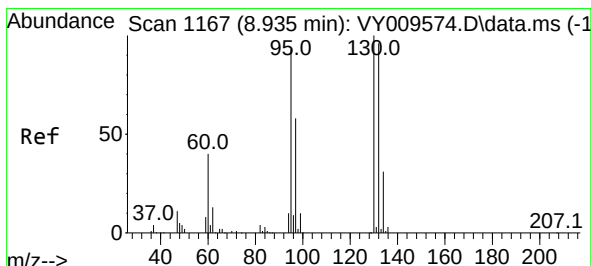
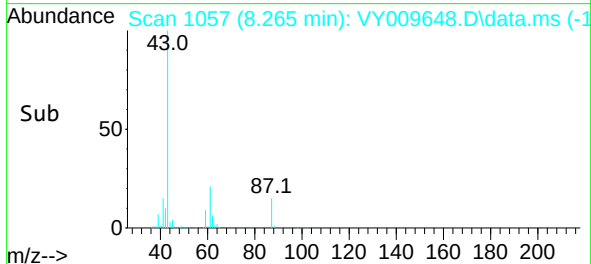
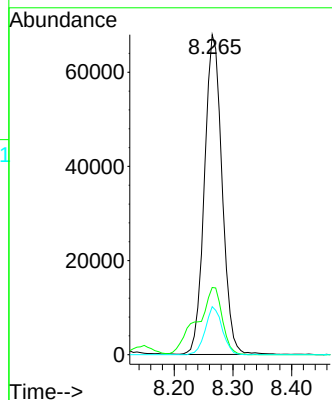
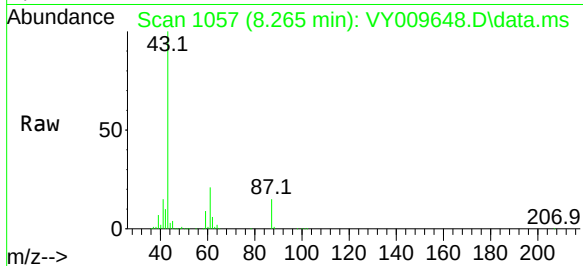




#43
Isopropyl Acetate
Concen: 50.913 ug/l
RT: 8.265 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

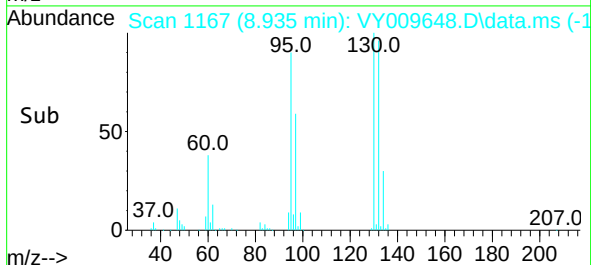
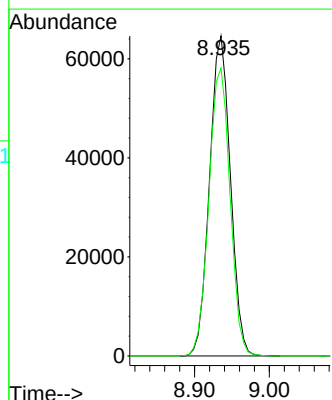
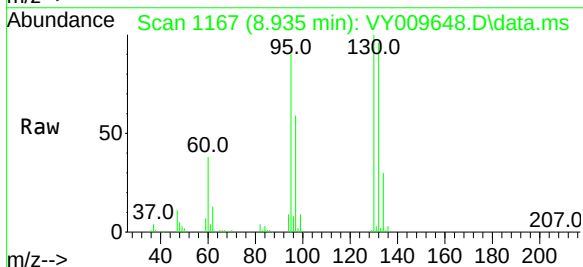
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

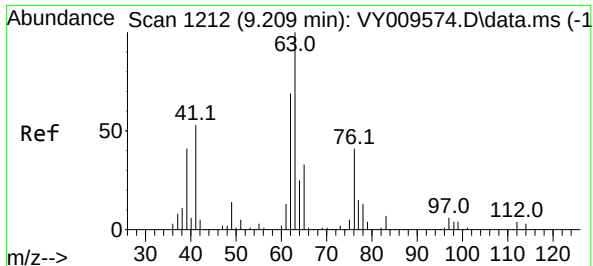
Tgt Ion: 43 Resp: 141844
Ion Ratio Lower Upper
43 100
61 30.0 20.2 30.2
87 14.3 8.9 13.3#



#44
Trichloroethene
Concen: 55.326 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

Tgt Ion:130 Resp: 125778
Ion Ratio Lower Upper
130 100
95 90.0 0.0 188.2





#45

1,2-Dichloropropane

Concen: 53.800 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009648.D

Acq: 22 Jul 2022 09:26

Instrument :

MSVOA_Y

ClientSampleId :

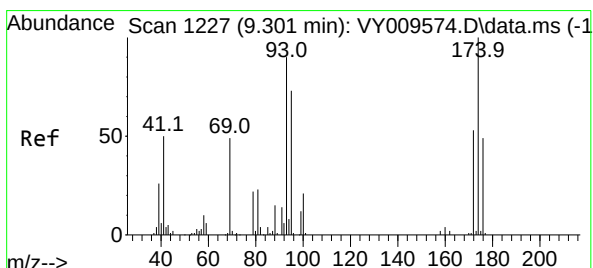
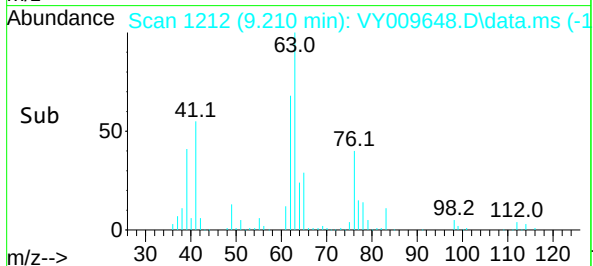
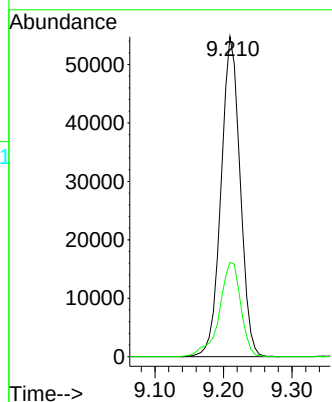
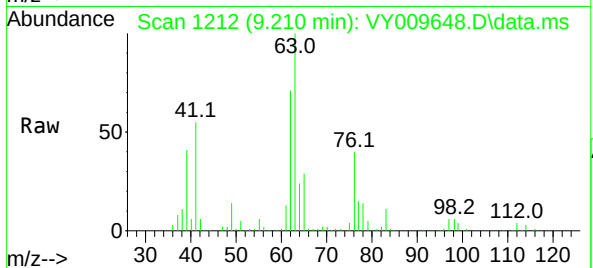
VSTDCCC050

Tgt Ion: 63 Resp: 105512

Ion Ratio Lower Upper

63 100

65 29.5 23.0 34.6



#46

Dibromomethane

Concen: 55.199 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY009648.D

Acq: 22 Jul 2022 09:26

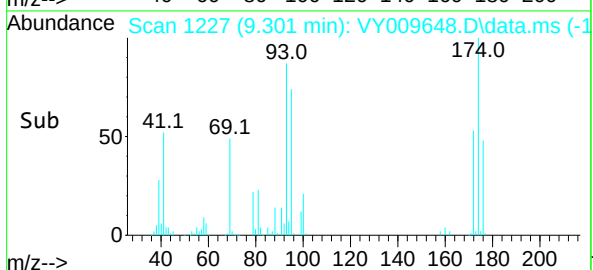
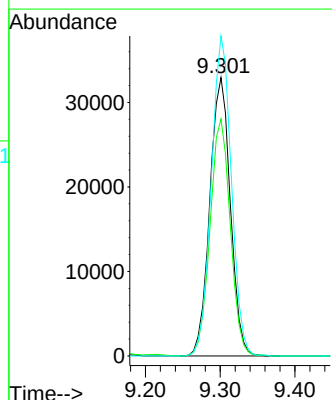
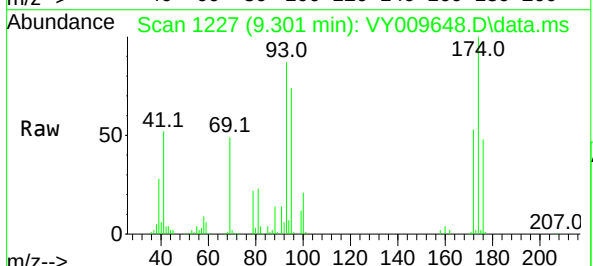
Tgt Ion: 93 Resp: 62874

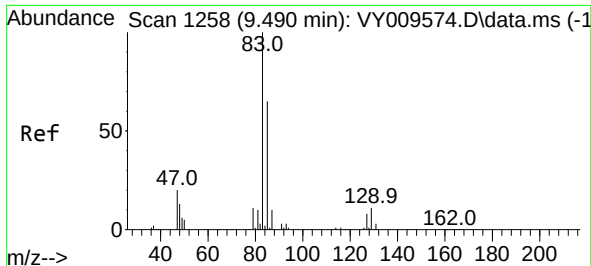
Ion Ratio Lower Upper

93 100

95 83.8 64.3 96.5

174 112.5 83.4 125.0

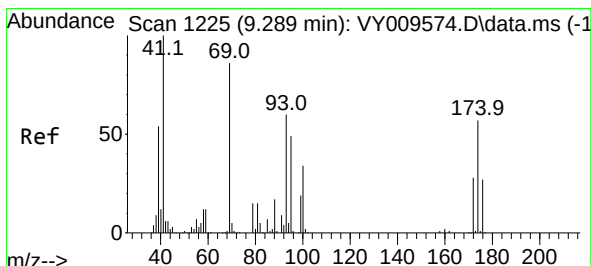
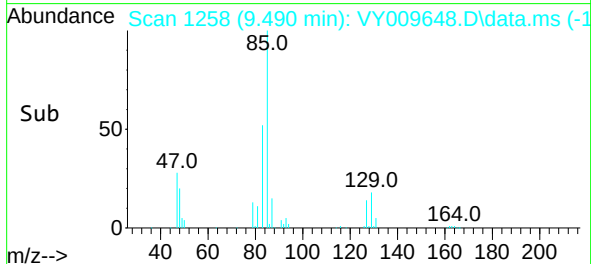
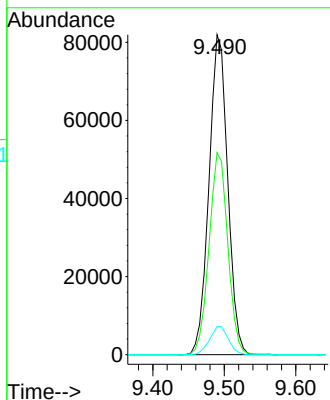
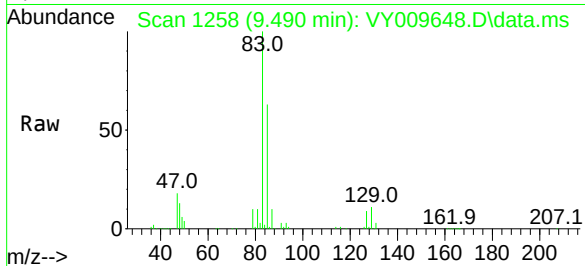




#47
Bromodichloromethane
Concen: 55.742 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

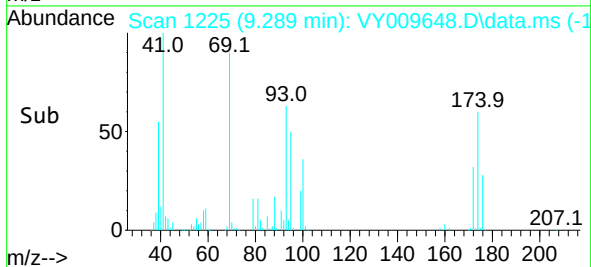
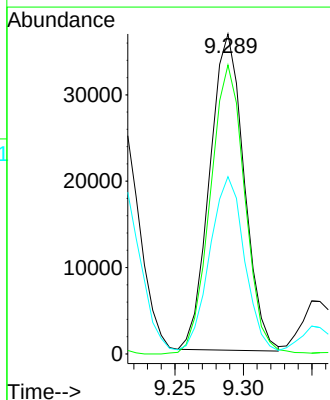
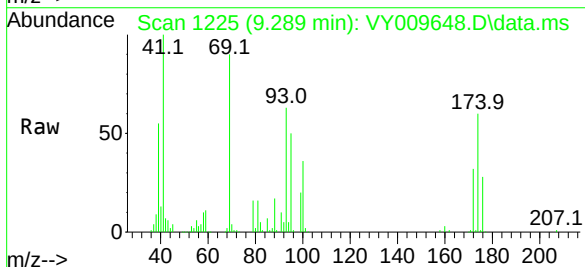
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

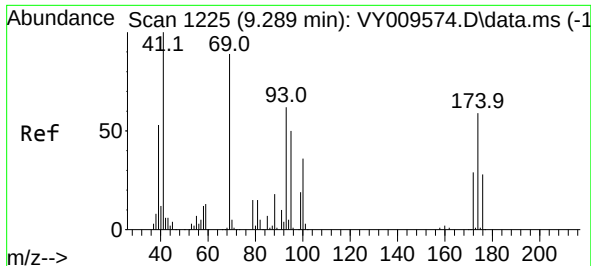
Tgt Ion: 83 Resp: 148879
Ion Ratio Lower Upper
83 100
85 63.1 51.9 77.9
127 8.8 6.6 10.0



#48
Methyl methacrylate
Concen: 51.905 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

Tgt Ion: 41 Resp: 63890
Ion Ratio Lower Upper
41 100
69 92.0 58.2 87.2#
39 55.2 47.4 71.0





#49

1,4-Dioxane

Concen: 1005.939 ug/l

RT: 9.289 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009648.D

Acq: 22 Jul 2022 09:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

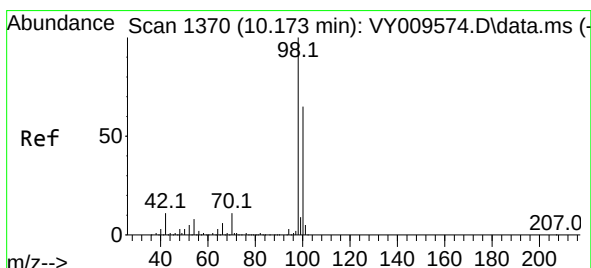
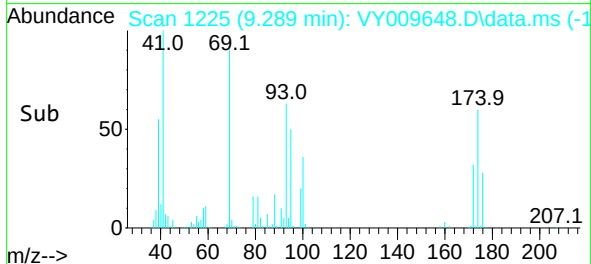
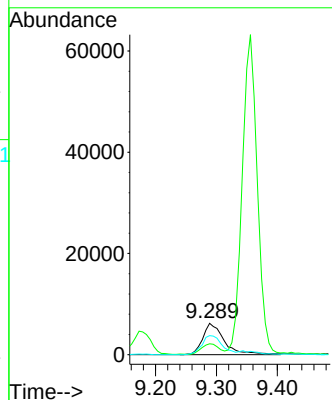
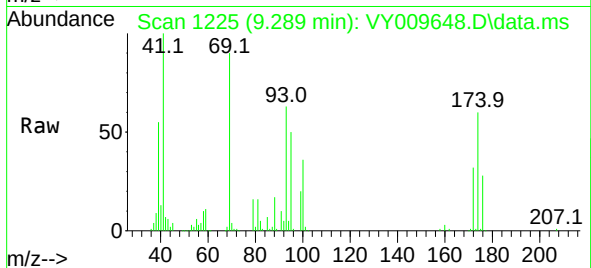
Tgt Ion: 88 Resp: 15273

Ion Ratio Lower Upper

88 100

43 27.7 32.8 49.2#

58 56.8 59.8 89.6#



#50

Toluene-d8

Concen: 53.253 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY009648.D

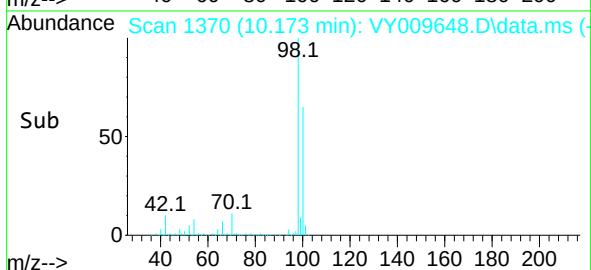
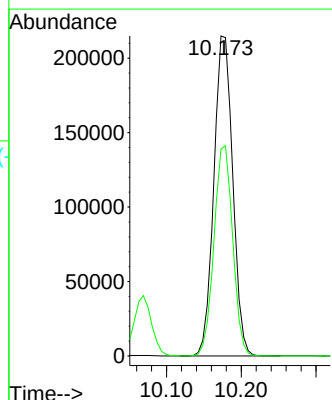
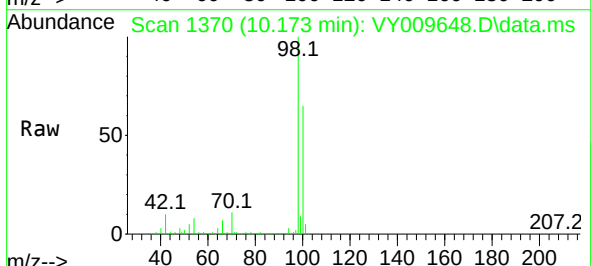
Acq: 22 Jul 2022 09:26

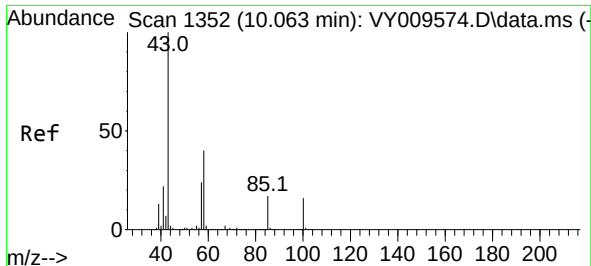
Tgt Ion: 98 Resp: 378461

Ion Ratio Lower Upper

98 100

100 65.1 50.2 75.2

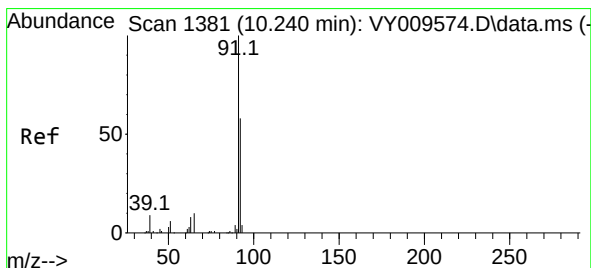
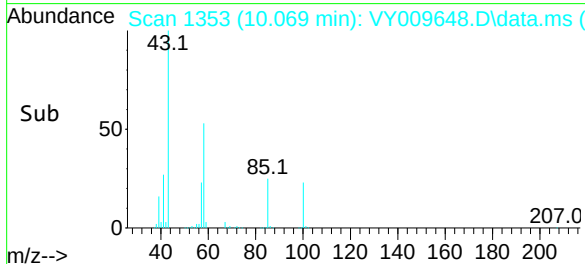
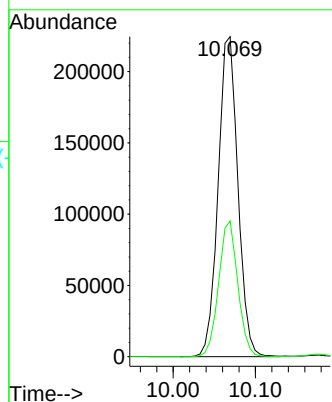
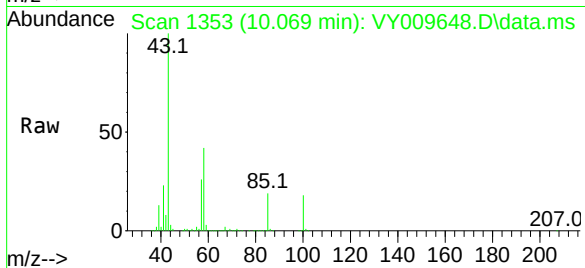




#51
4-Methyl-2-Pentanone
Concen: 259.310 ug/l
RT: 10.069 min Scan# 1352
Delta R.T. 0.006 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

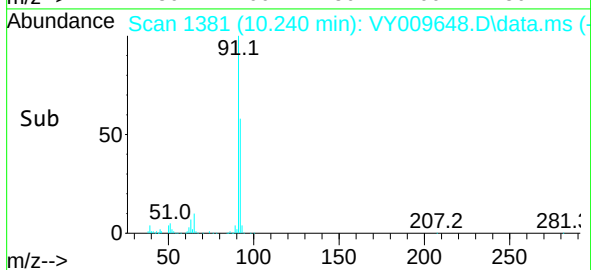
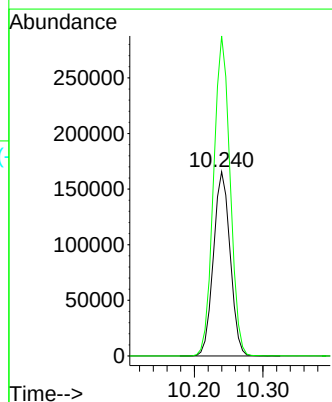
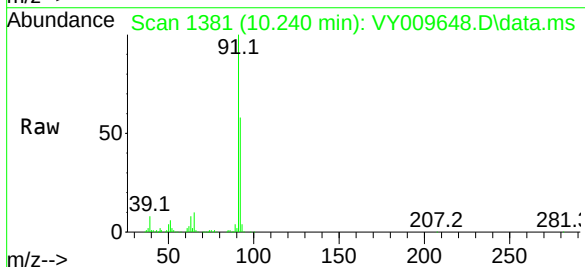
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

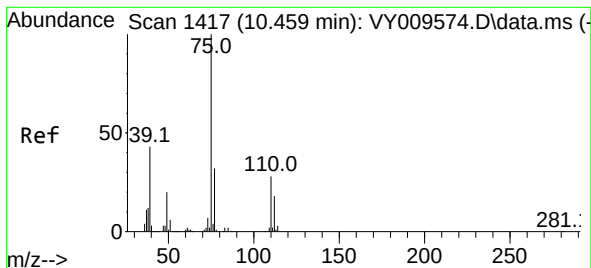
Tgt Ion: 43 Resp: 375109
Ion Ratio Lower Upper
43 100
58 41.1 28.1 42.1



#52
Toluene
Concen: 55.057 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

Tgt Ion: 92 Resp: 278780
Ion Ratio Lower Upper
92 100
91 172.5 142.6 213.8

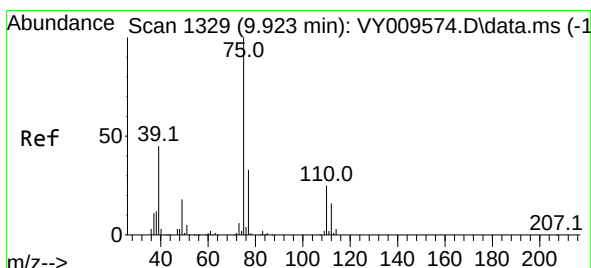
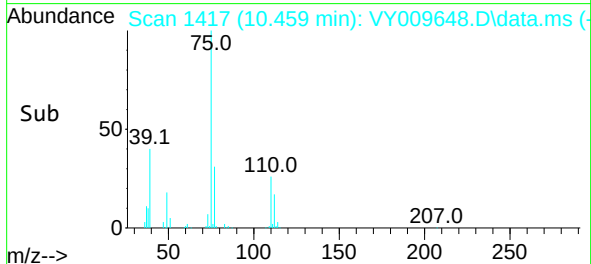
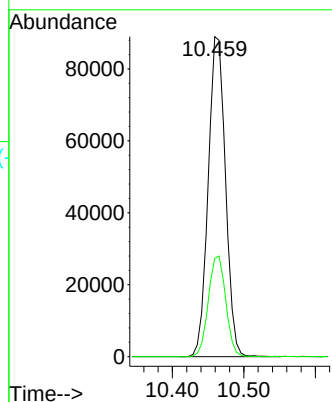
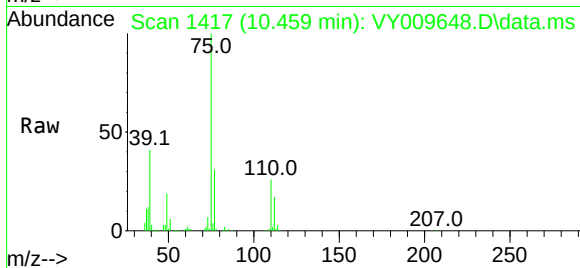




#53
t-1,3-Dichloropropene
Concen: 54.158 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

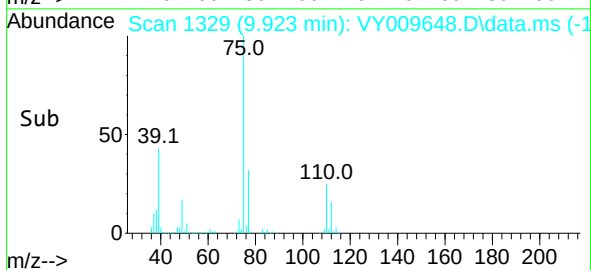
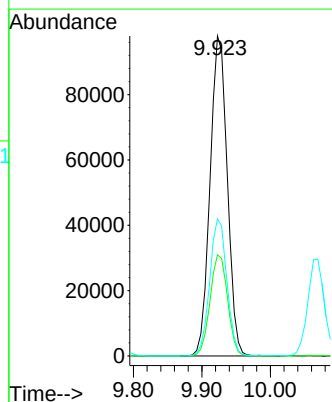
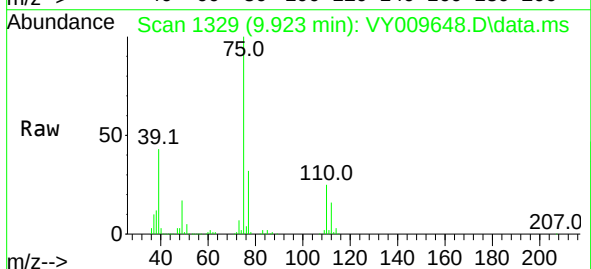
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

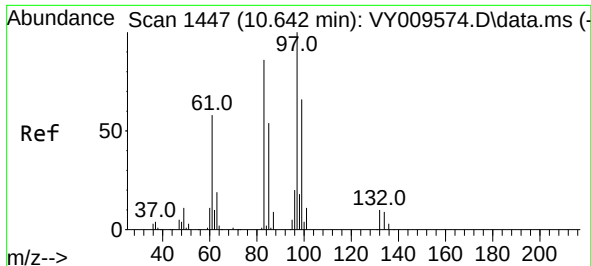
Tgt Ion: 75 Resp: 149401
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 54.521 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

Tgt Ion: 75 Resp: 171012
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4
39 42.9 47.6 71.4#

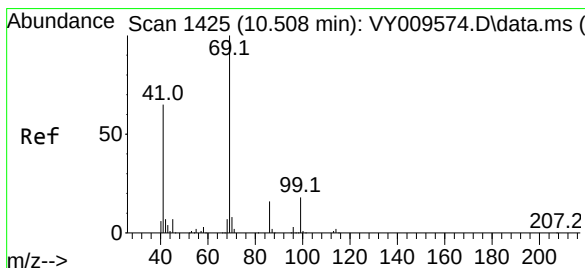
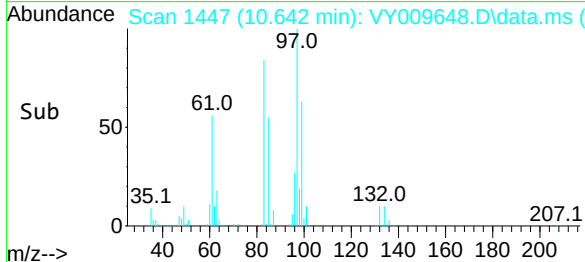
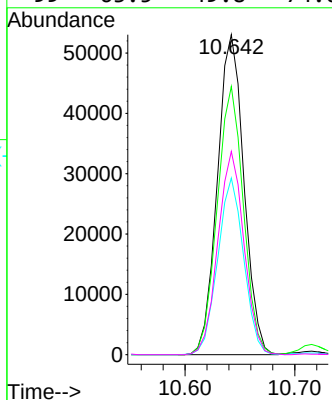
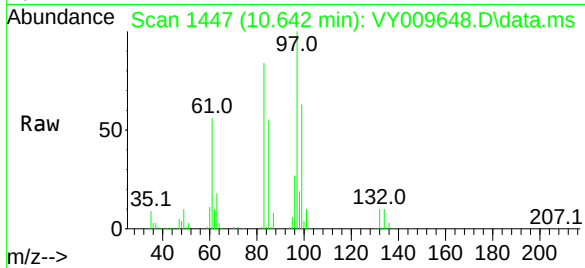




#55
1,1,2-Trichloroethane
Concen: 55.561 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

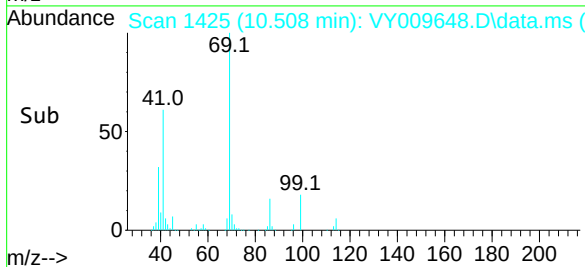
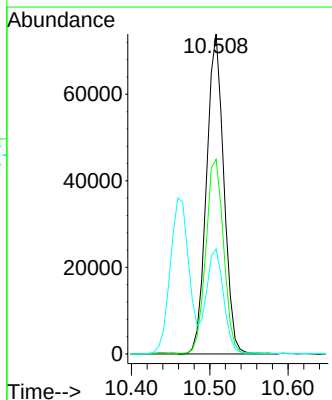
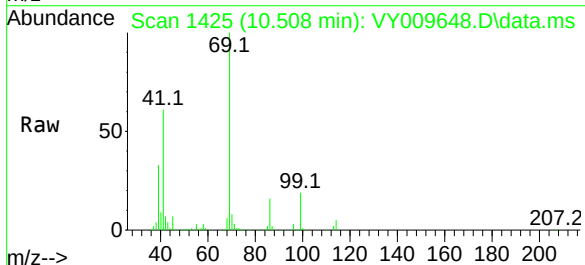
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

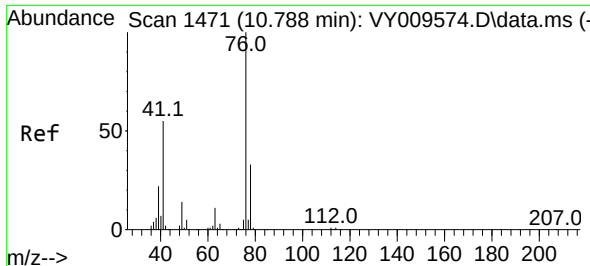
Tgt Ion: 97	Resp: 89128
Ion Ratio	Lower Upper
97 100	
83 83.8	69.8 104.8
85 55.2	44.3 66.5
99 63.5	49.8 74.6



#56
Ethyl methacrylate
Concen: 55.198 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

Tgt Ion: 69	Resp: 113284
Ion Ratio	Lower Upper
69 100	
41 62.4	63.4 95.0#
39 33.3	35.8 53.8#





#57

1,3-Dichloropropane

Concen: 54.394 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009648.D

Acq: 22 Jul 2022 09:26

Instrument :

MSVOA_Y

ClientSampleId :

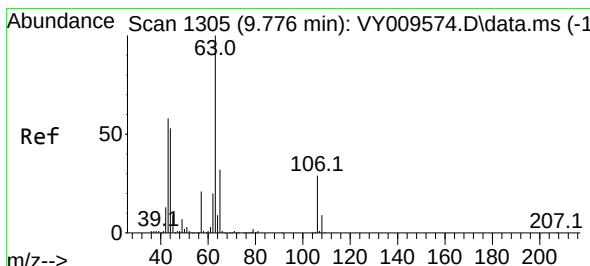
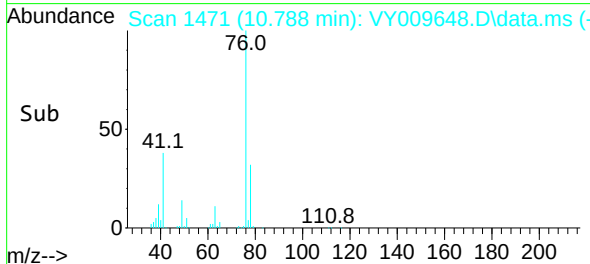
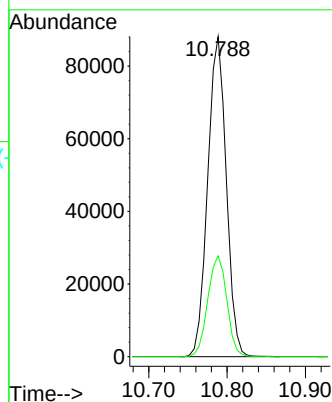
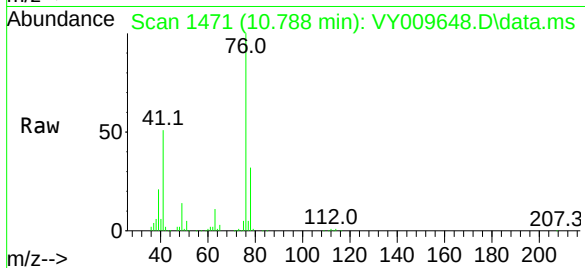
VSTDCCC050

Tgt Ion: 76 Resp: 144797

Ion Ratio Lower Upper

76 100

78 32.3 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 273.308 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009648.D

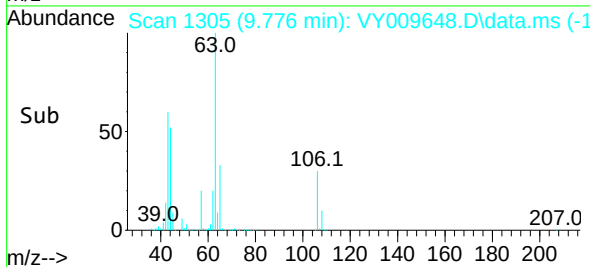
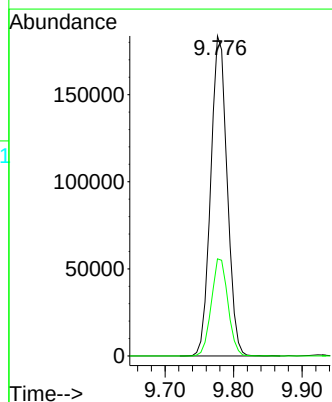
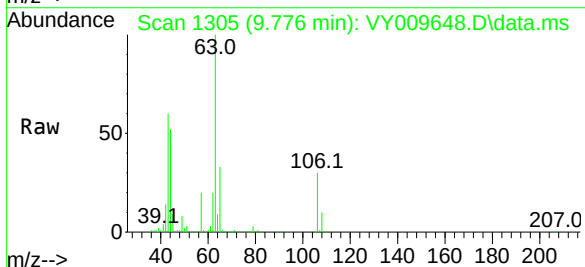
Acq: 22 Jul 2022 09:26

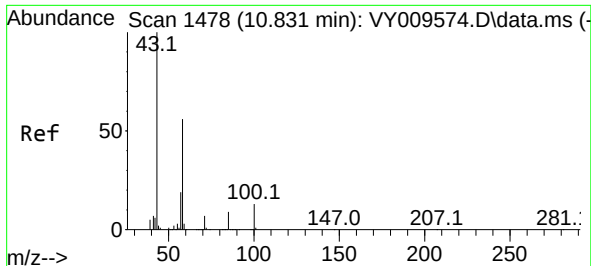
Tgt Ion: 63 Resp: 306152

Ion Ratio Lower Upper

63 100

106 30.6 21.5 32.3





#59

2-Hexanone

Concen: 266.889 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY009648.D

Acq: 22 Jul 2022 09:26

Instrument :

MSVOA_Y

ClientSampleId :

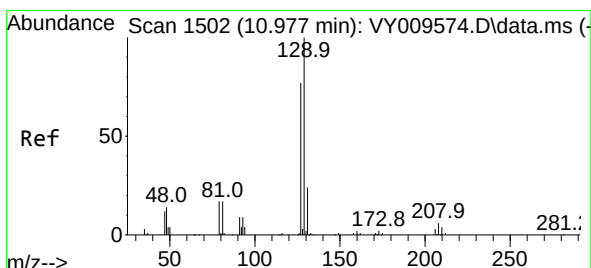
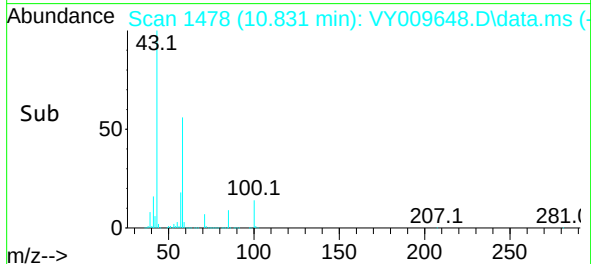
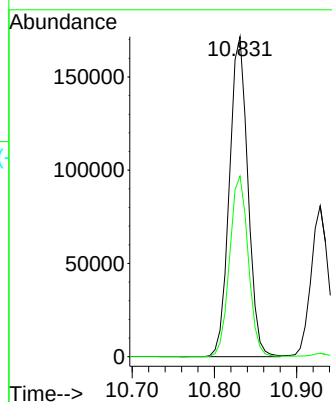
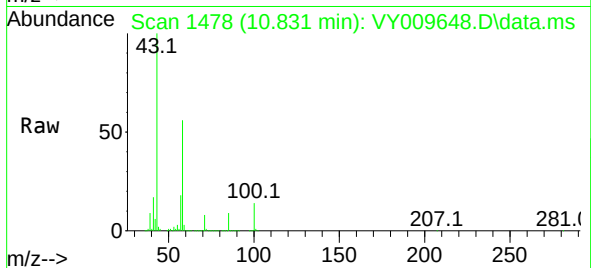
VSTDCCC050

Tgt Ion: 43 Resp: 268521

Ion Ratio Lower Upper

43 100

58 56.9 24.4 73.4



#60

Dibromochloromethane

Concen: 56.654 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. 0.006 min

Lab File: VY009648.D

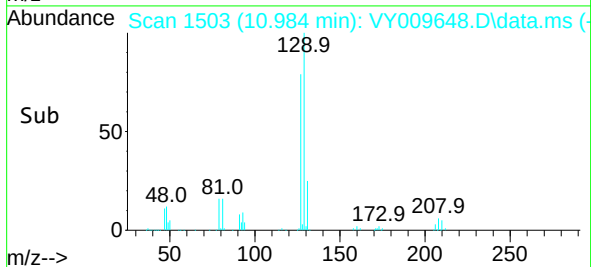
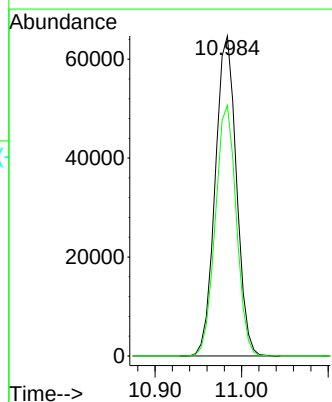
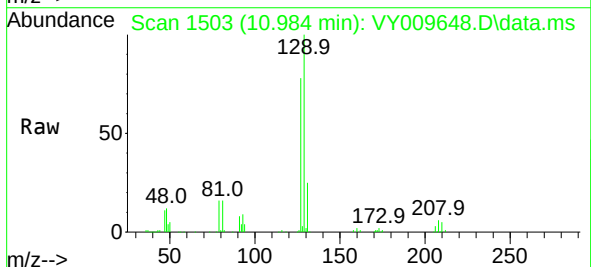
Acq: 22 Jul 2022 09:26

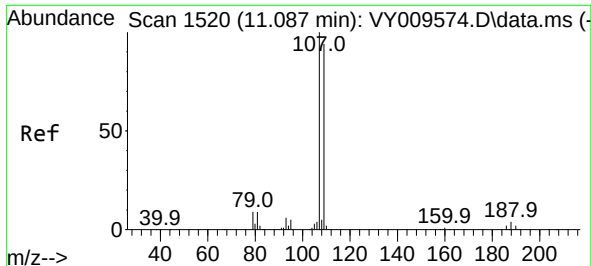
Tgt Ion:129 Resp: 109972

Ion Ratio Lower Upper

129 100

127 77.4 38.7 116.1

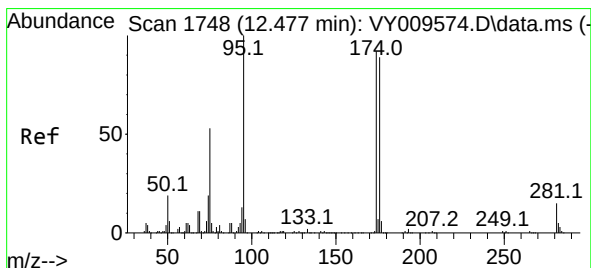
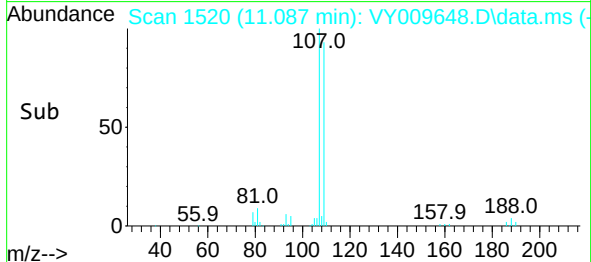
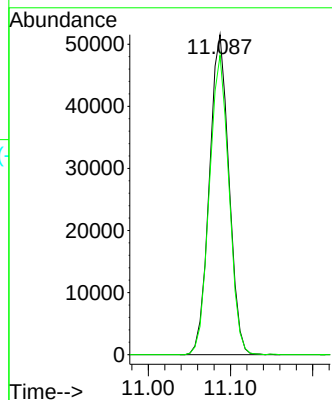
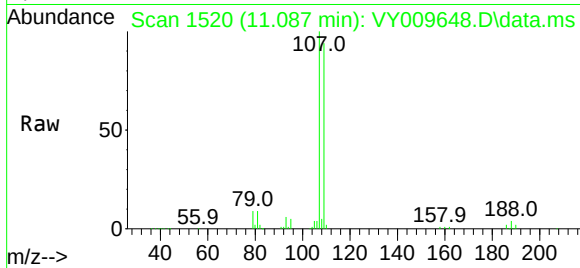




#61
1,2-Dibromoethane
Concen: 54.313 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

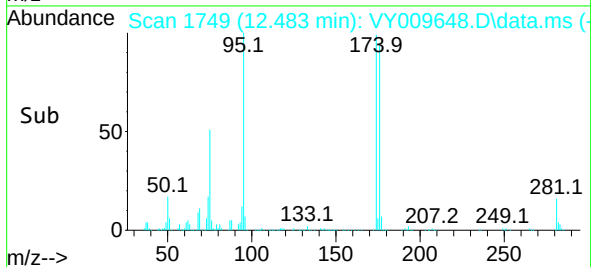
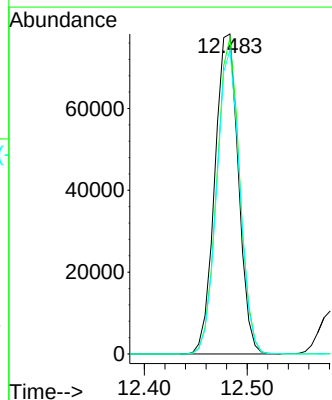
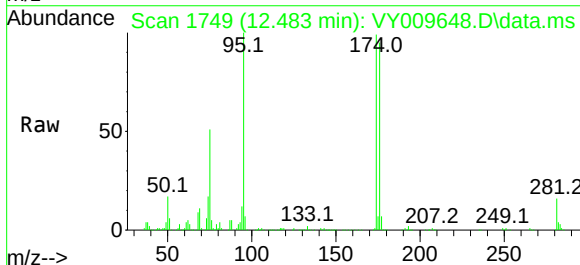
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

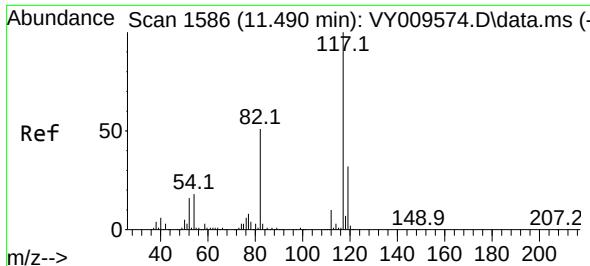
Tgt Ion:107 Resp: 85005
Ion Ratio Lower Upper
107 100
109 93.6 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 54.077 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

Tgt Ion: 95 Resp: 124530
Ion Ratio Lower Upper
95 100
174 95.5 0.0 177.0
176 92.5 0.0 175.8

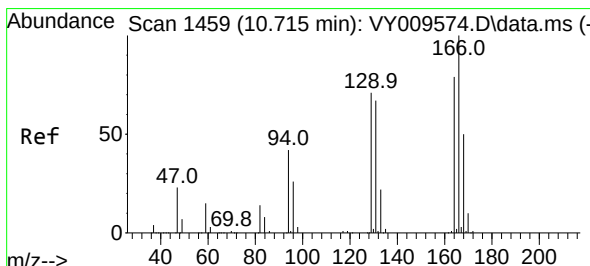
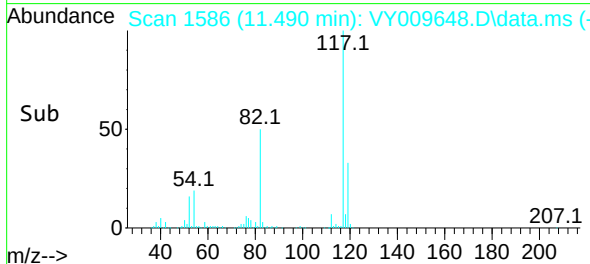
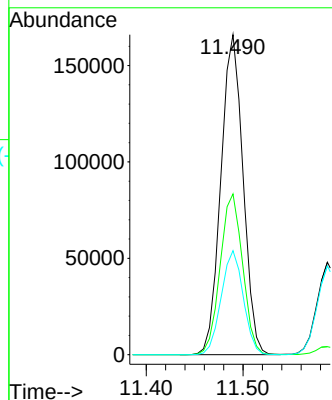
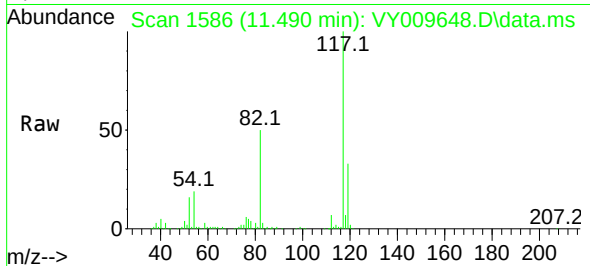




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

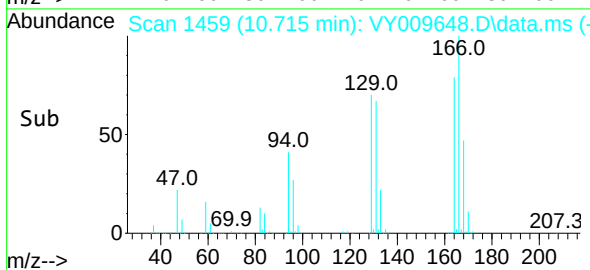
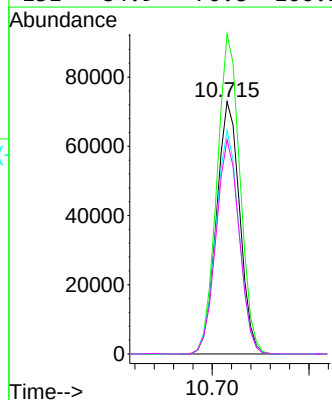
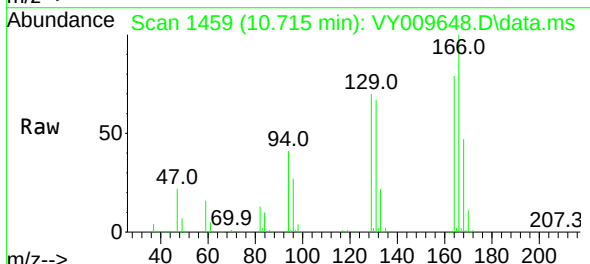
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

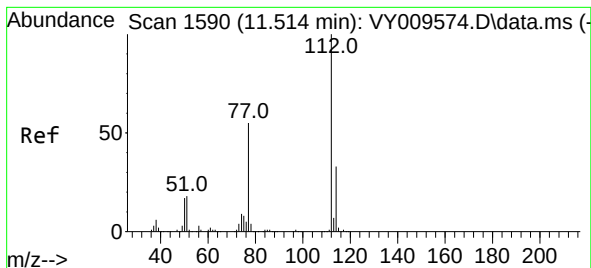
Tgt Ion:117 Resp: 264345
Ion Ratio Lower Upper
117 100
82 50.3 43.0 64.4
119 32.5 25.4 38.0



#64
Tetrachloroethene
Concen: 58.496 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

Tgt Ion:164 Resp: 121016
Ion Ratio Lower Upper
164 100
166 126.8 100.4 150.6
129 88.5 71.4 107.0
131 84.9 70.8 106.2





#65

Chlorobenzene

Concen: 55.529 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY009648.D

Acq: 22 Jul 2022 09:26

Instrument :

MSVOA_Y

ClientSampleId :

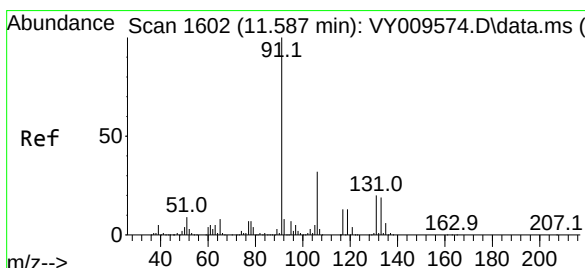
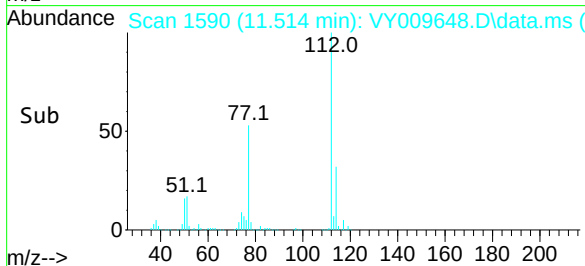
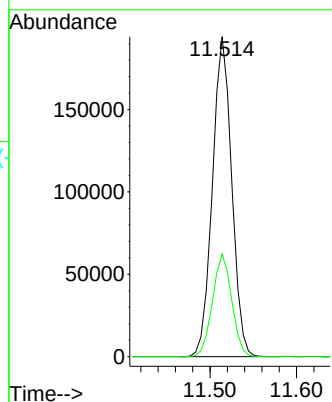
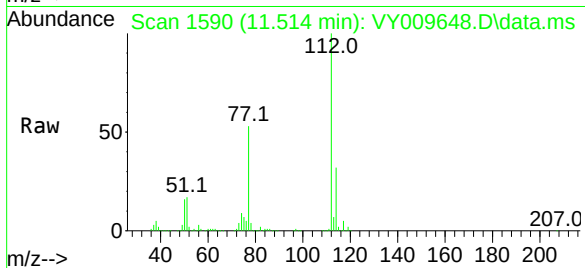
VSTDCCC050

Tgt Ion:112 Resp: 299956

Ion Ratio Lower Upper

112 100

114 32.0 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 56.784 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY009648.D

Acq: 22 Jul 2022 09:26

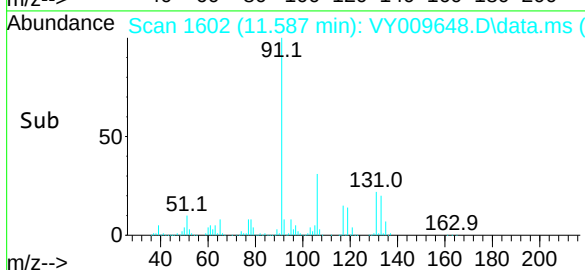
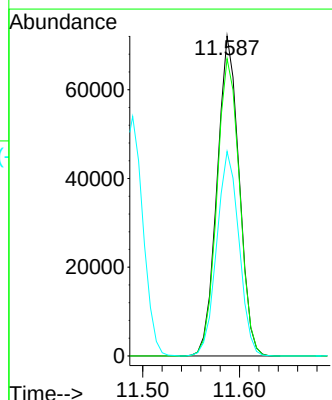
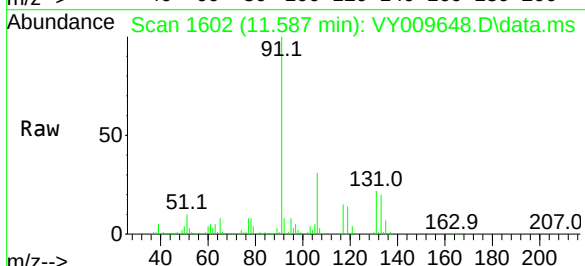
Tgt Ion:131 Resp: 113964

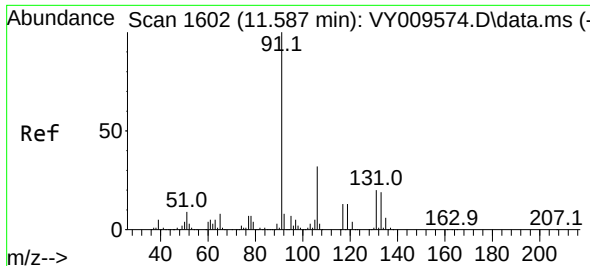
Ion Ratio Lower Upper

131 100

133 95.2 47.9 143.6

119 64.6 30.8 92.3





#67

Ethyl Benzene

Concen: 55.451 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY009648.D

Acq: 22 Jul 2022 09:26

Instrument :

MSVOA_Y

ClientSampleId :

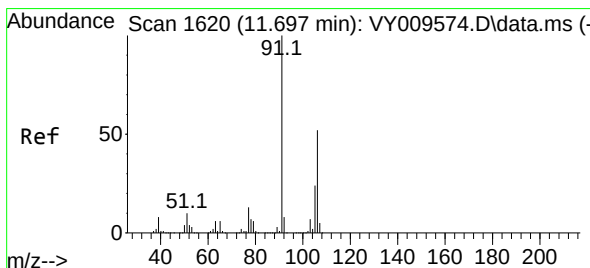
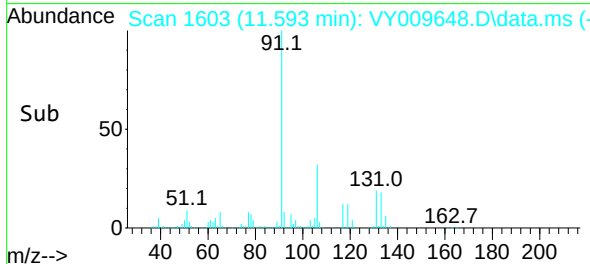
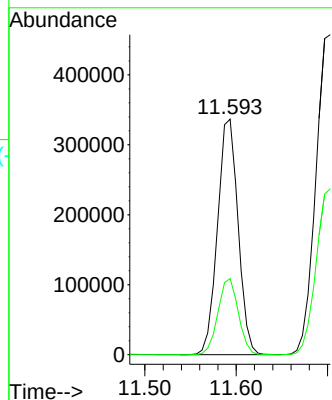
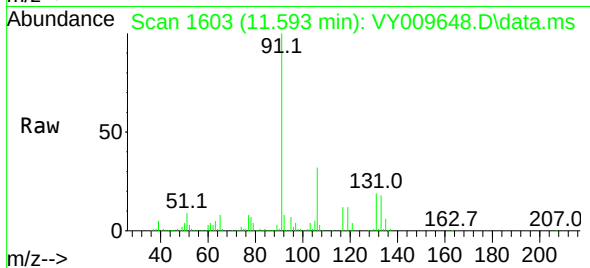
VSTDCCC050

Tgt Ion: 91 Resp: 526821

Ion Ratio Lower Upper

91 100

106 32.3 24.5 36.7



#68

m/p-Xylenes

Concen: 112.701 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY009648.D

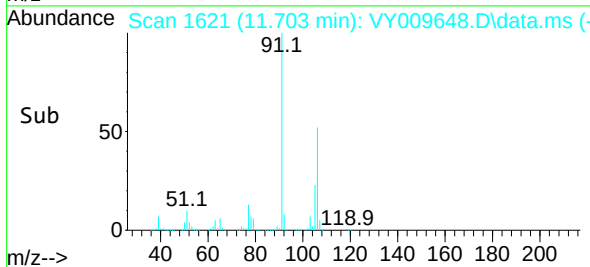
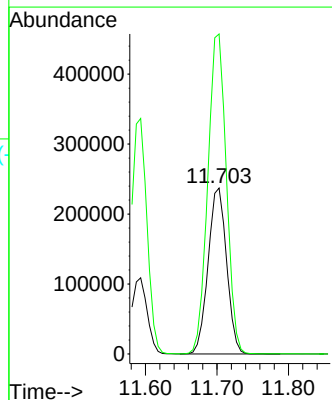
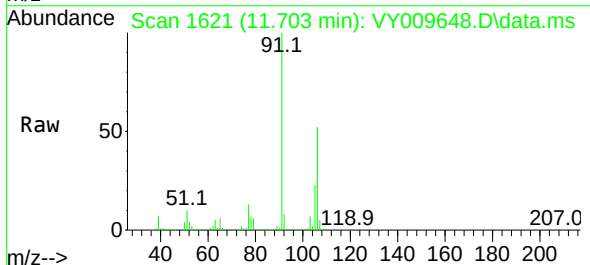
Acq: 22 Jul 2022 09:26

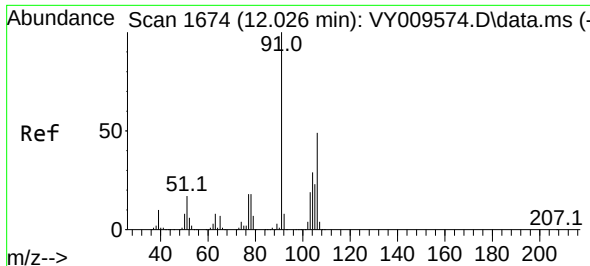
Tgt Ion:106 Resp: 426133

Ion Ratio Lower Upper

106 100

91 193.3 166.6 249.8

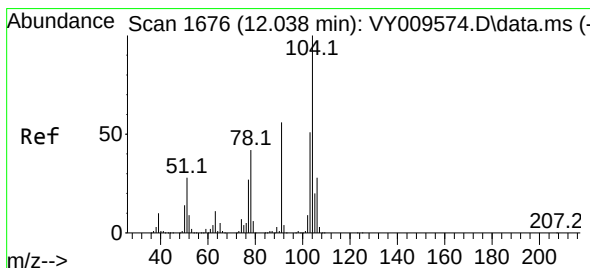
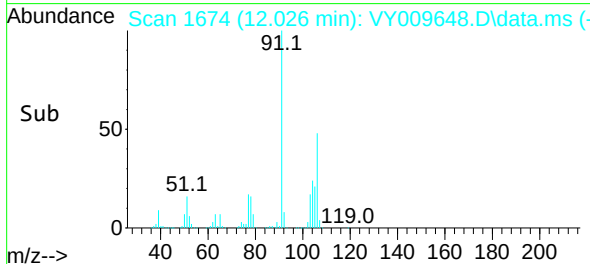
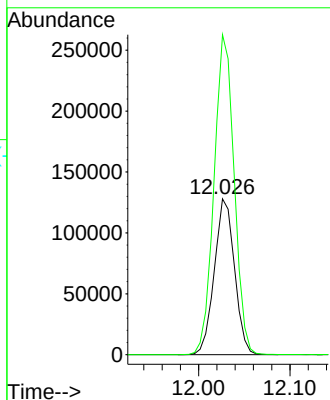
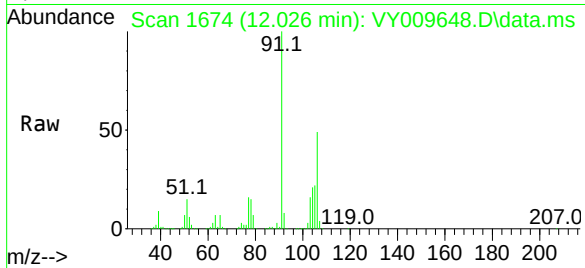




#69
o-Xylene
Concen: 55.543 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

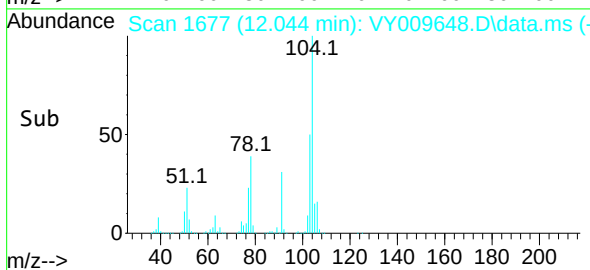
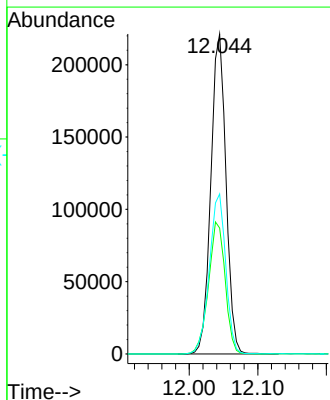
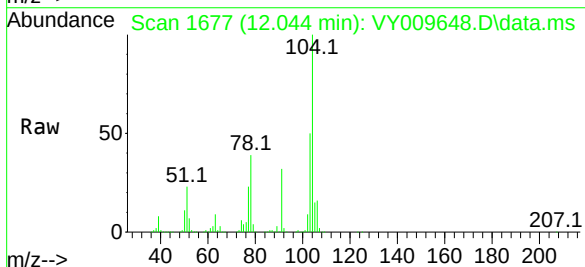
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

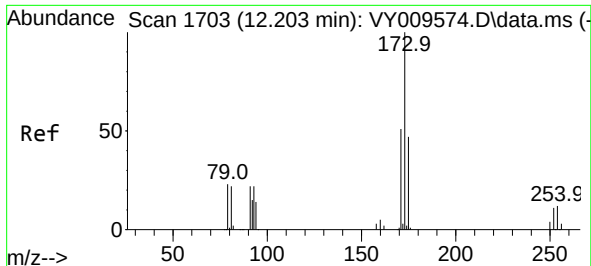
Tgt Ion:106 Resp: 196532
Ion Ratio Lower Upper
106 100
91 204.7 110.3 331.0



#70
Styrene
Concen: 57.823 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

Tgt Ion:104 Resp: 340301
Ion Ratio Lower Upper
104 100
78 45.4 42.4 63.6
103 54.3 44.4 66.6

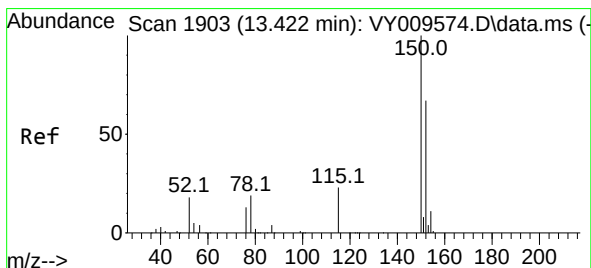
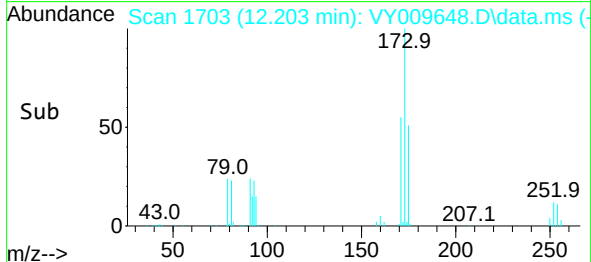
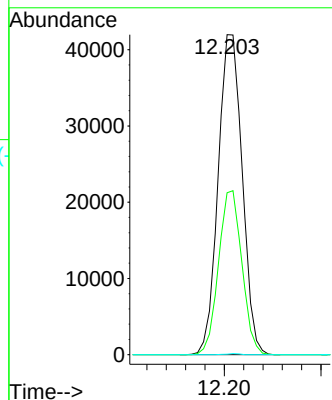
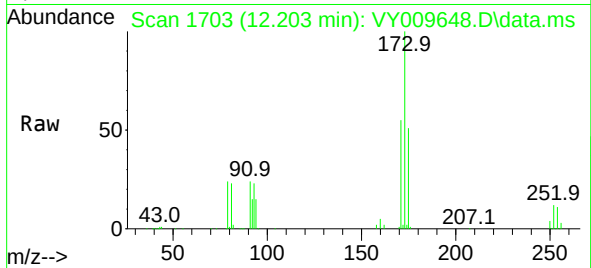




#71
Bromoform
Concen: 57.235 ug/l
RT: 12.203 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

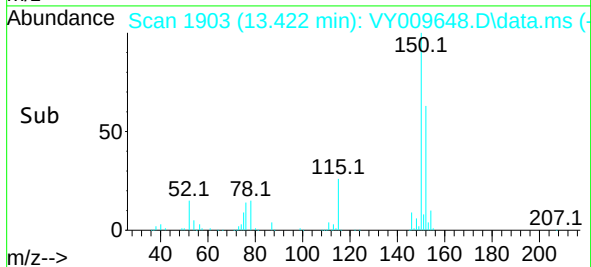
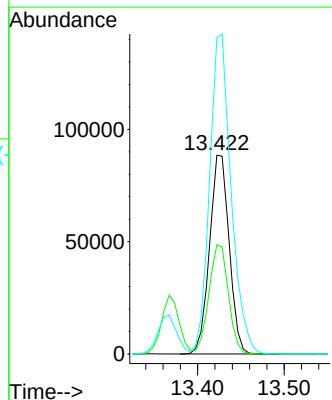
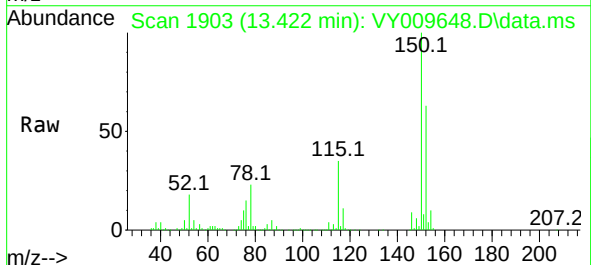
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

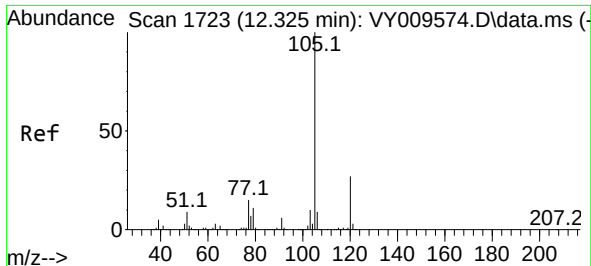
Tgt Ion:173 Resp: 72489
Ion Ratio Lower Upper
173 100
175 49.7 24.6 74.0
254 0.2 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

Tgt Ion:152 Resp: 139293
Ion Ratio Lower Upper
152 100
115 54.7 28.2 84.7
150 176.1 0.0 347.6

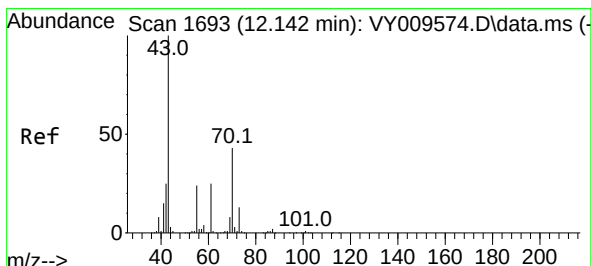
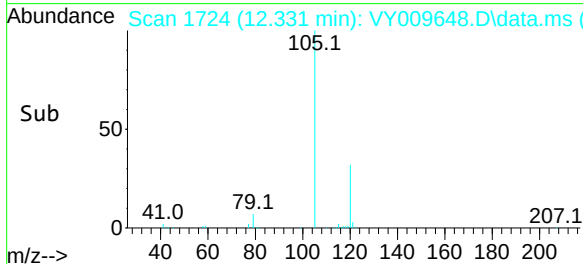
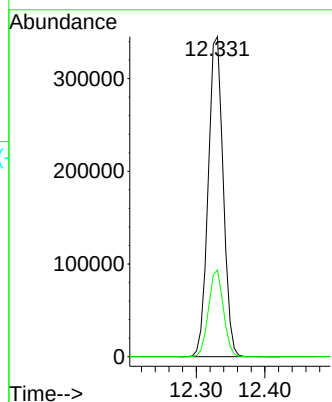
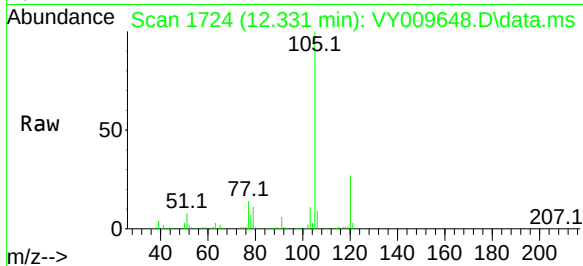




#73
Isopropylbenzene
Concen: 54.396 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

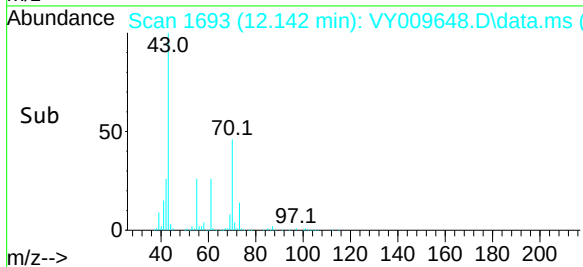
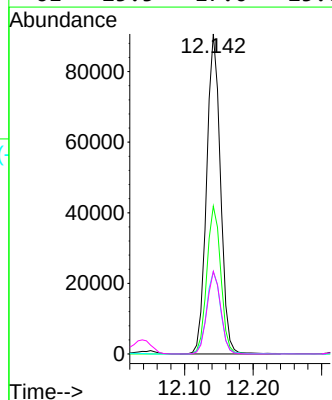
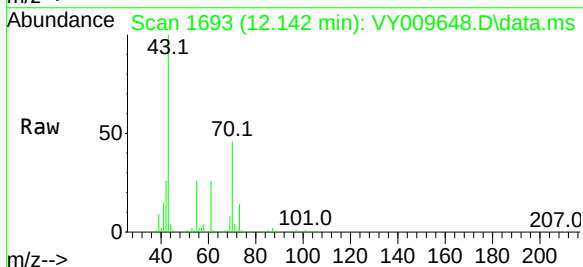
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

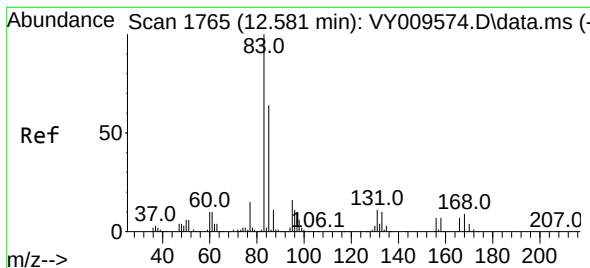
Tgt Ion:105 Resp: 524603
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2



#74
N-ethyl acetate
Concen: 49.862 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

Tgt Ion: 43 Resp: 127892
Ion Ratio Lower Upper
43 100
70 46.3 28.7 43.1#
55 26.2 17.3 25.9#
61 25.5 17.0 25.6

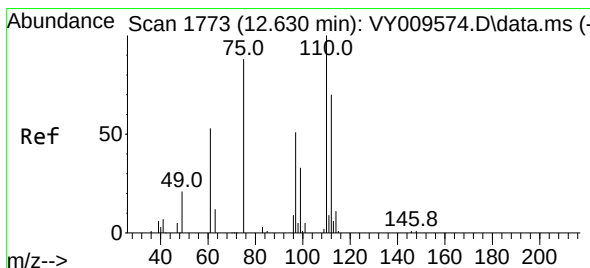
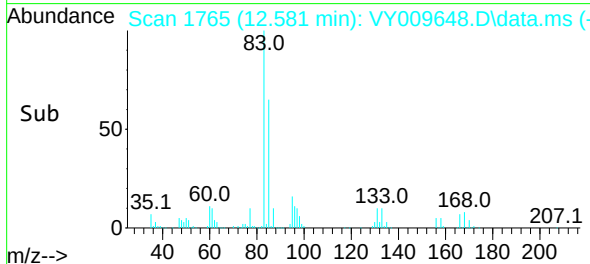
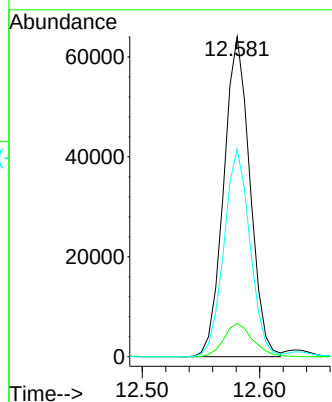
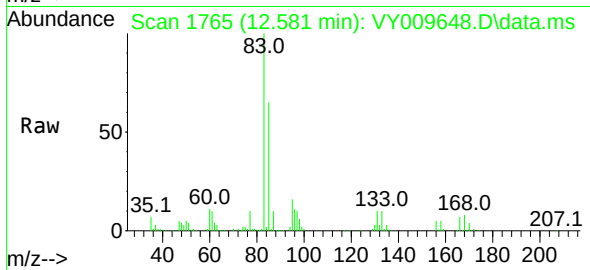




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.333 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY009648.D
 Acq: 22 Jul 2022 09:26

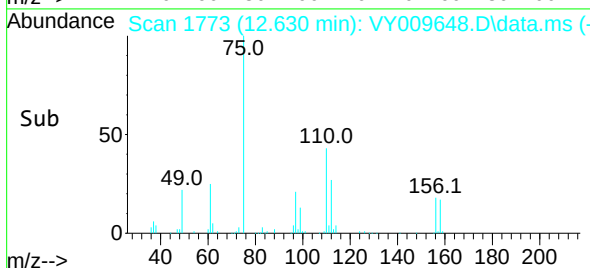
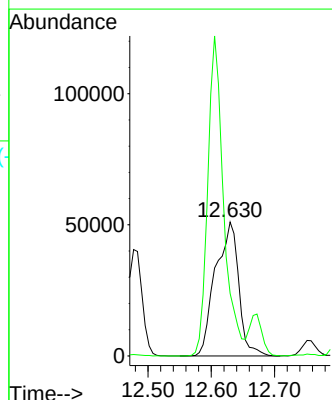
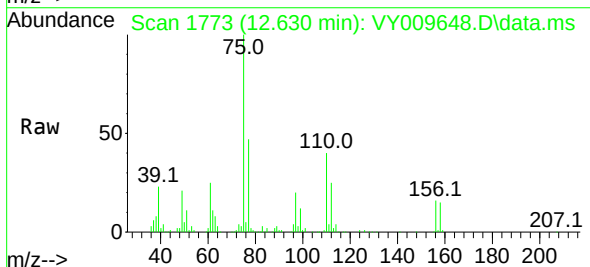
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

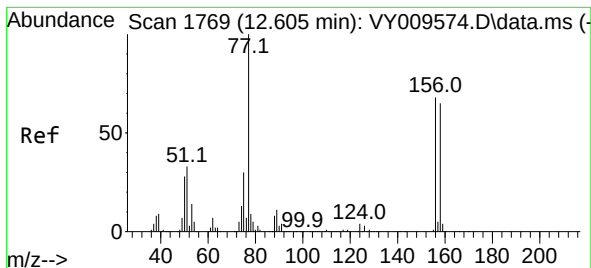
Tgt Ion: 83 Resp: 99145
 Ion Ratio Lower Upper
 83 100
 131 11.5 5.6 16.8
 85 64.7 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 98.168 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VY009648.D
 Acq: 22 Jul 2022 09:26

Tgt Ion: 75 Resp: 130261
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.155 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009648.D

Acq: 22 Jul 2022 09:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

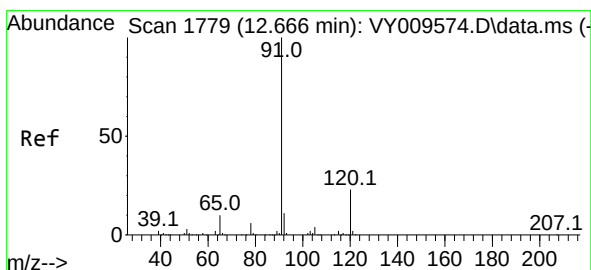
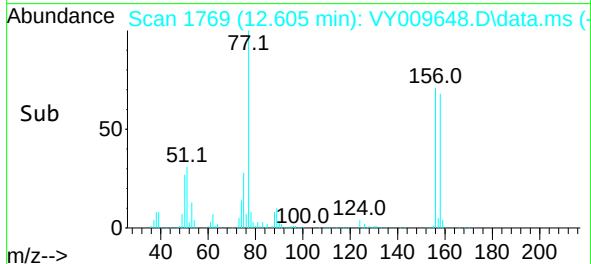
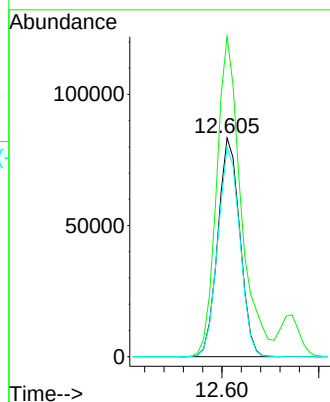
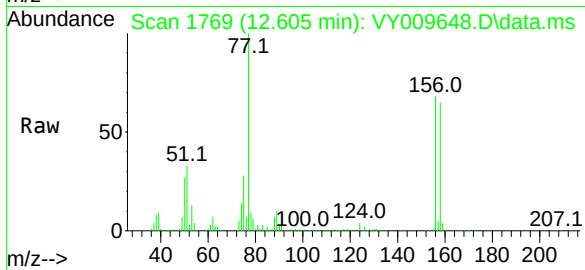
Tgt Ion:156 Resp: 131337

Ion Ratio Lower Upper

156 100

77 163.0 95.5 286.4

158 96.3 48.0 144.0



#78

n-propylbenzene

Concen: 53.684 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY009648.D

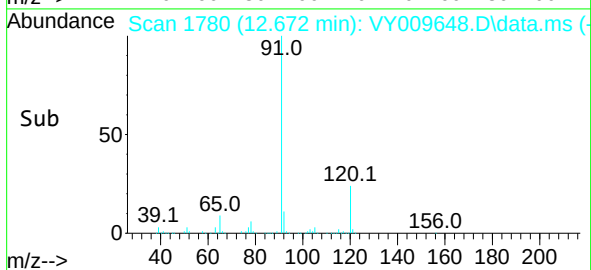
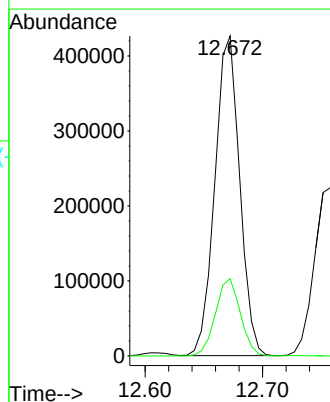
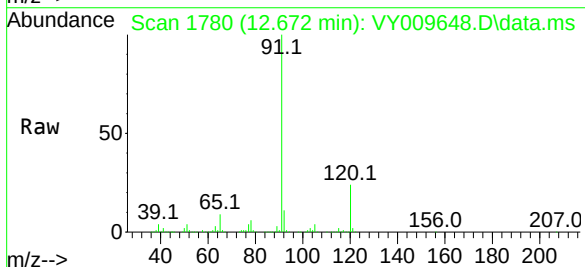
Acq: 22 Jul 2022 09:26

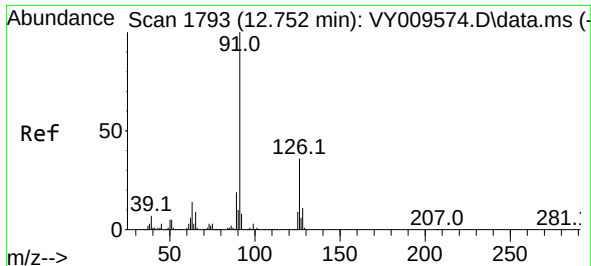
Tgt Ion: 91 Resp: 625603

Ion Ratio Lower Upper

91 100

120 24.2 11.3 33.9





#79

2-Chlorotoluene

Concen: 53.762 ug/l

RT: 12.758 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VY009648.D

Acq: 22 Jul 2022 09:26

Instrument :

MSVOA_Y

ClientSampleId :

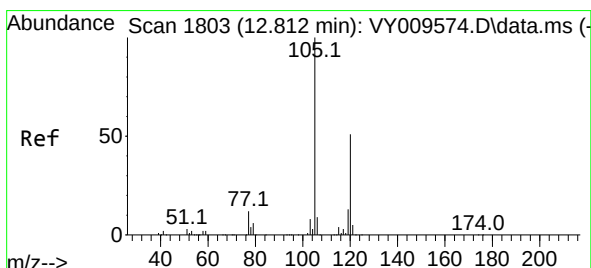
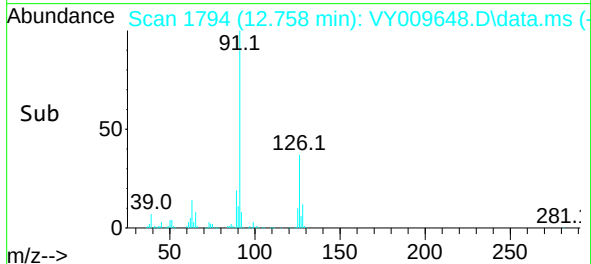
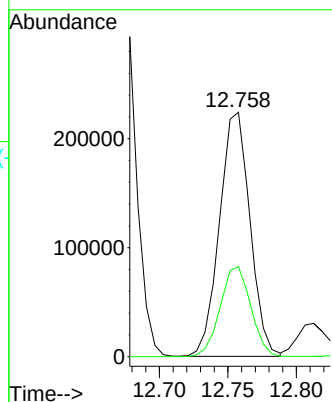
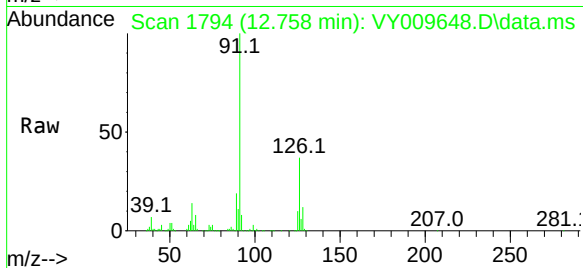
VSTDCCC050

Tgt Ion: 91 Resp: 347365

Ion Ratio Lower Upper

91 100

126 37.0 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 54.855 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY009648.D

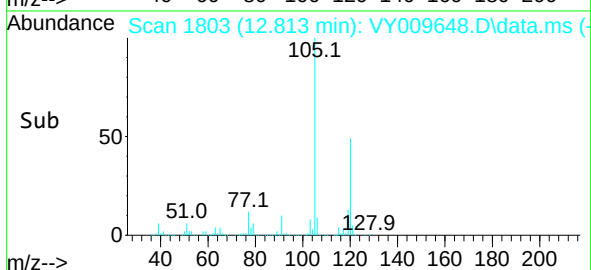
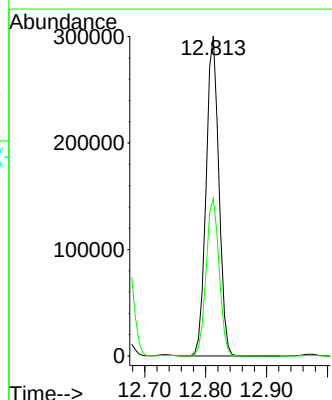
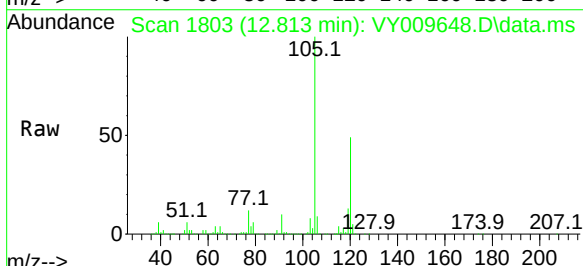
Acq: 22 Jul 2022 09:26

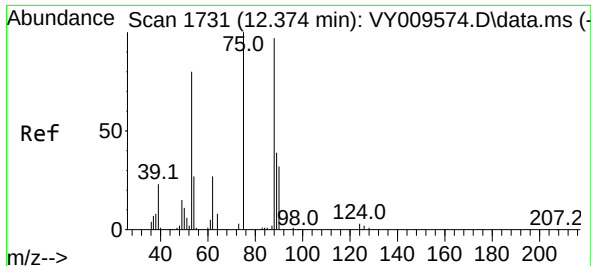
Tgt Ion: 105 Resp: 437144

Ion Ratio Lower Upper

105 100

120 50.3 24.4 73.4

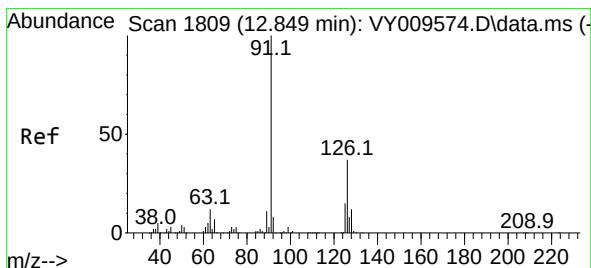
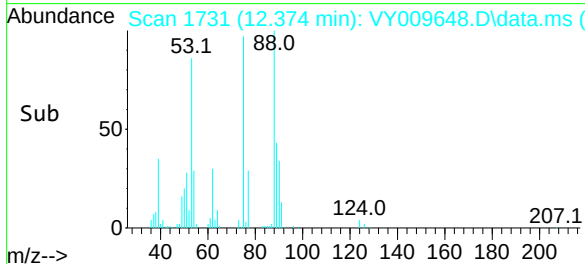
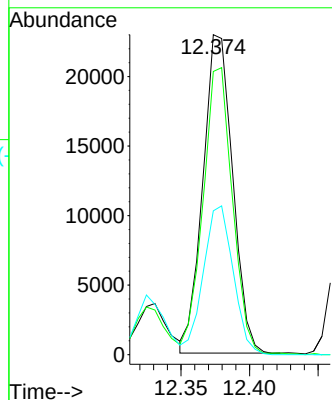
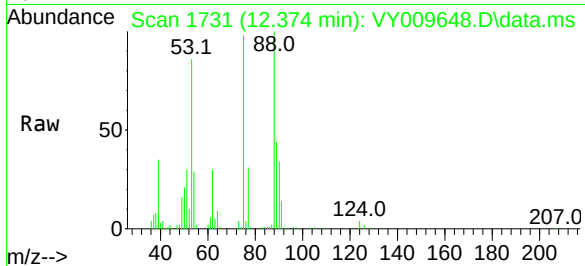




#81
trans-1,4-Dichloro-2-butene
Concen: 51.345 ug/l
RT: 12.374 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

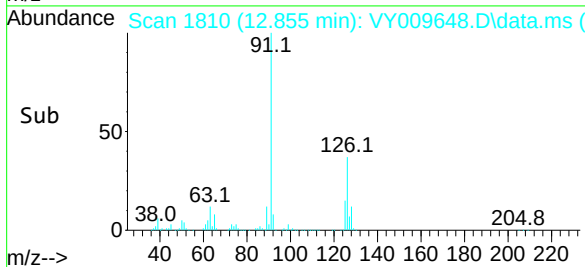
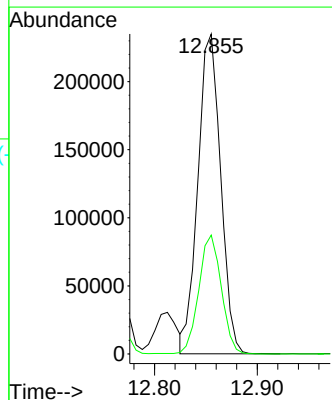
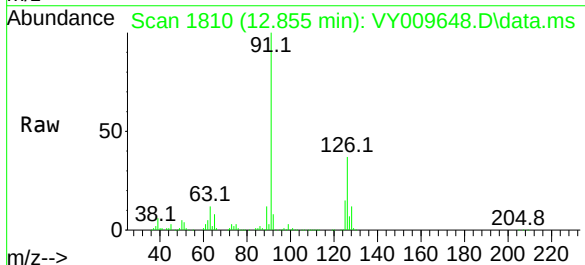
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

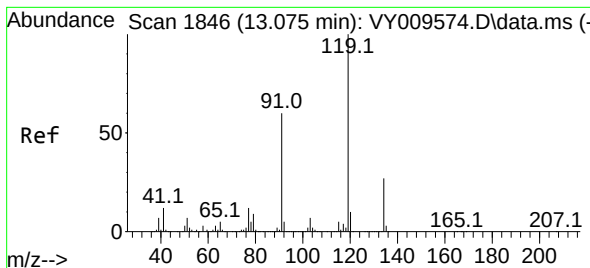
Tgt Ion: 75 Resp: 34553
Ion Ratio Lower Upper
75 100
53 89.5 85.3 127.9
89 47.0 37.0 55.4



#82
4-Chlorotoluene
Concen: 53.961 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

Tgt Ion: 91 Resp: 361702
Ion Ratio Lower Upper
91 100
126 36.8 17.0 51.0





#83

tert-Butylbenzene

Concen: 54.425 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY009648.D

Acq: 22 Jul 2022 09:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

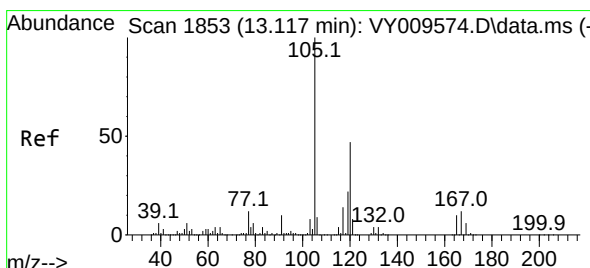
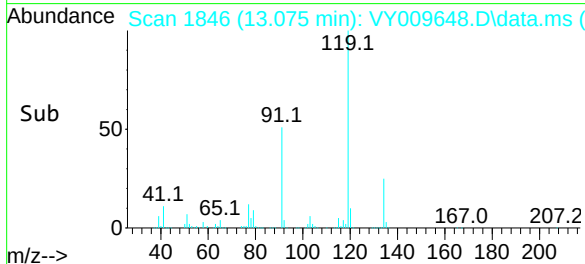
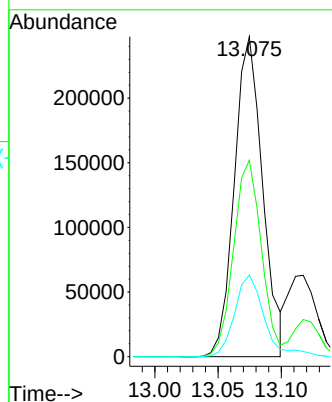
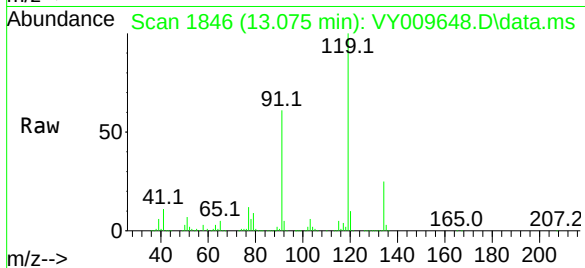
Tgt Ion:119 Resp: 385332

Ion Ratio Lower Upper

119 100

91 60.2 34.8 104.4

134 26.8 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 55.065 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009648.D

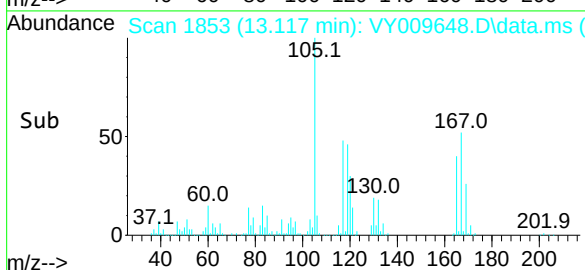
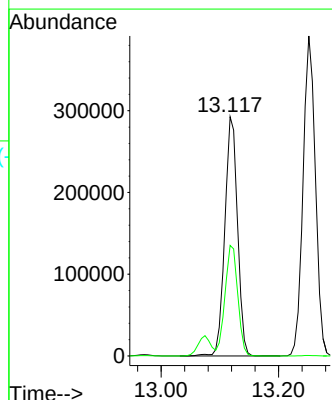
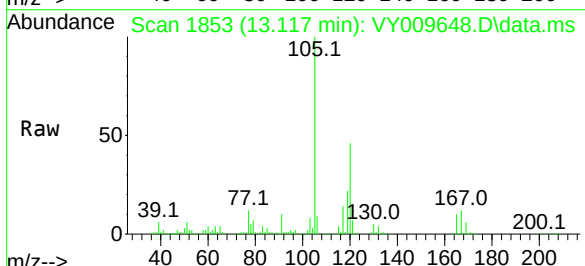
Acq: 22 Jul 2022 09:26

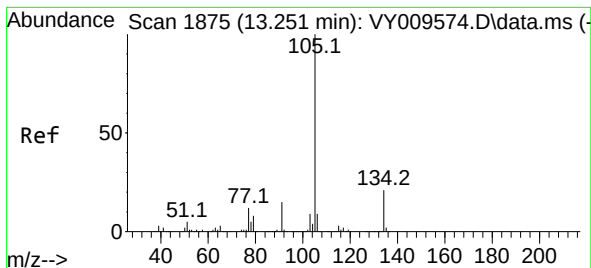
Tgt Ion:105 Resp: 438854

Ion Ratio Lower Upper

105 100

120 46.3 22.3 66.9





#85

sec-Butylbenzene

Concen: 54.244 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009648.D

Acq: 22 Jul 2022 09:26

Instrument :

MSVOA_Y

ClientSampleId :

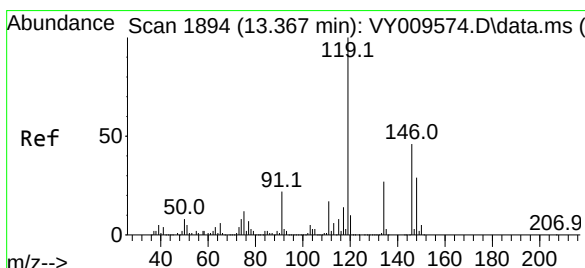
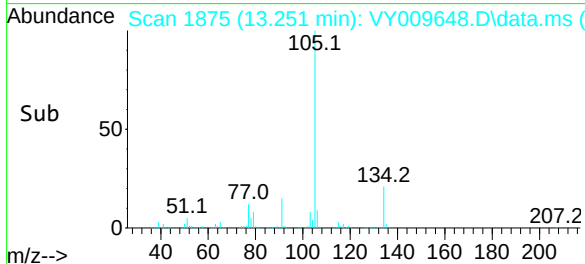
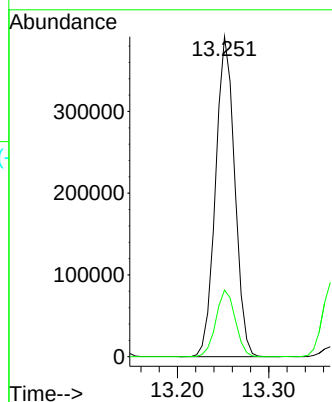
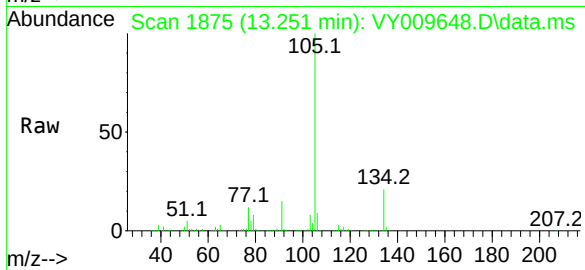
VSTDCCC050

Tgt Ion:105 Resp: 569404

Ion Ratio Lower Upper

105 100

134 21.1 10.2 30.4



#86

p-Isopropyltoluene

Concen: 55.251 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009648.D

Acq: 22 Jul 2022 09:26

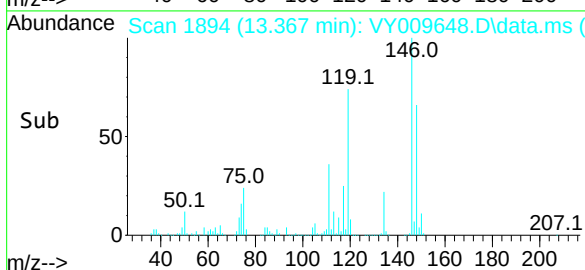
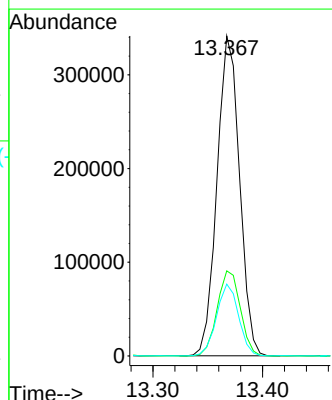
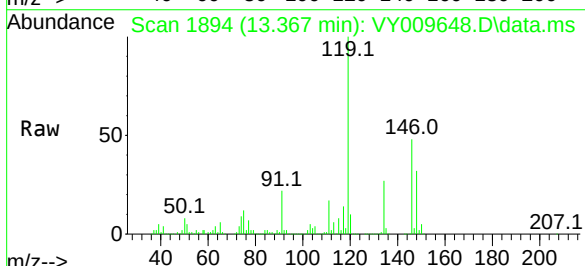
Tgt Ion:119 Resp: 487408

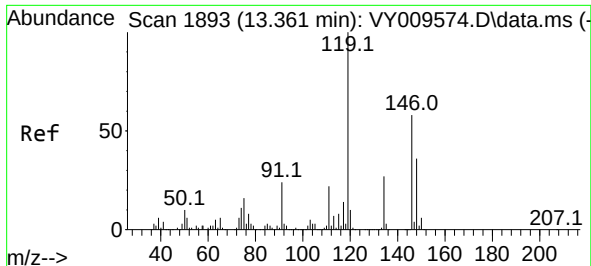
Ion Ratio Lower Upper

119 100

134 27.2 13.2 39.5

91 22.0 12.4 37.2

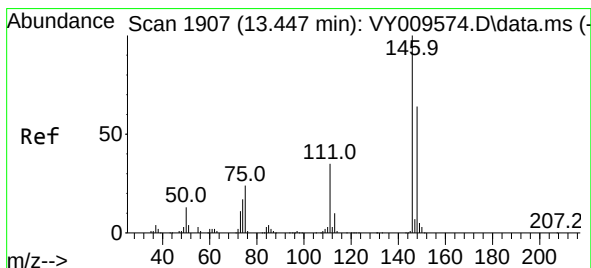
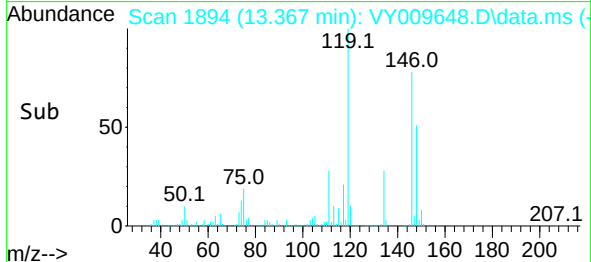
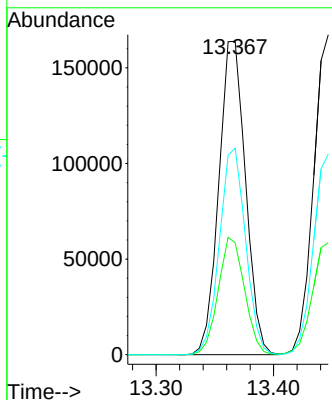
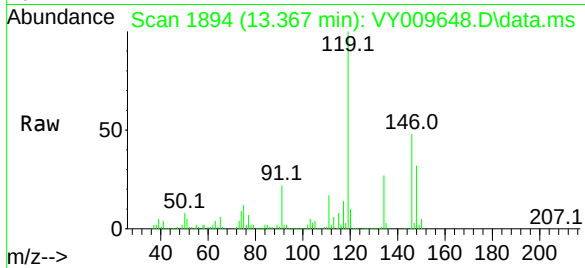




#87
 1,3-Dichlorobenzene
 Concen: 54.072 ug/l
 RT: 13.367 min Scan# 1893
 Delta R.T. 0.006 min
 Lab File: VY009648.D
 Acq: 22 Jul 2022 09:26

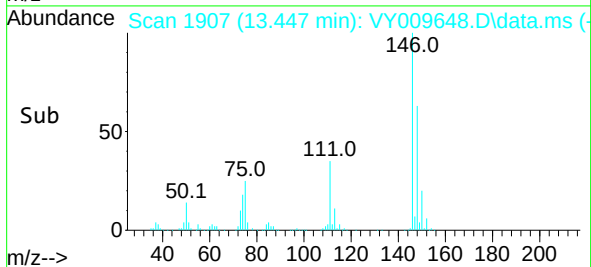
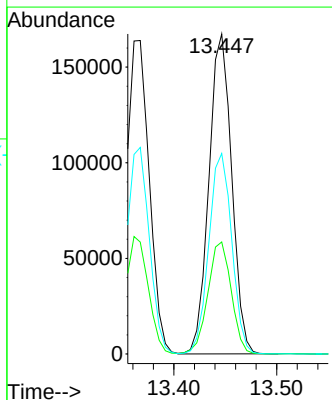
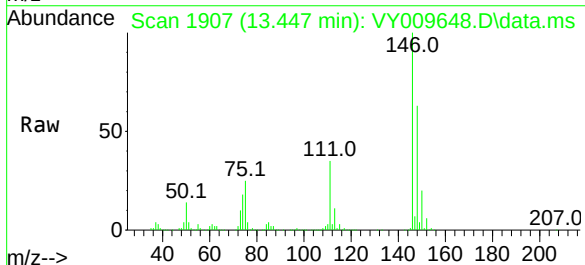
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

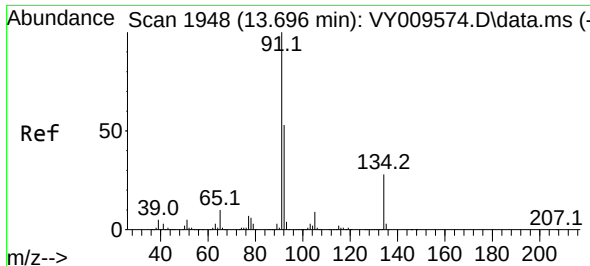
Tgt Ion:146 Resp: 259408
 Ion Ratio Lower Upper
 146 100
 111 36.8 19.5 58.5
 148 64.5 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 54.051 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY009648.D
 Acq: 22 Jul 2022 09:26

Tgt Ion:146 Resp: 257101
 Ion Ratio Lower Upper
 146 100
 111 35.9 19.3 57.8
 148 63.5 32.6 97.8

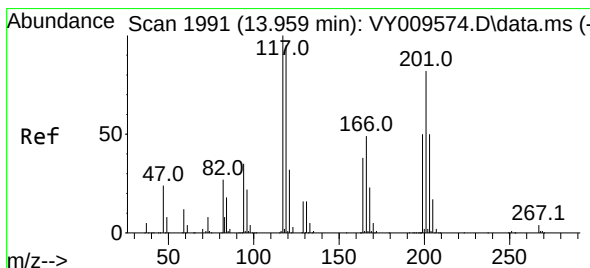
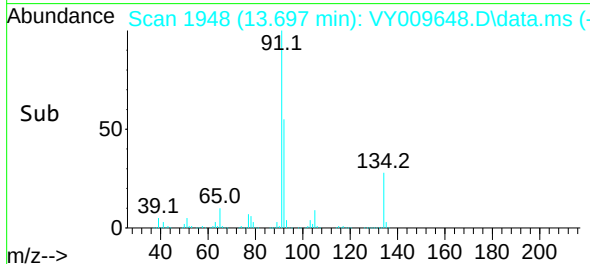
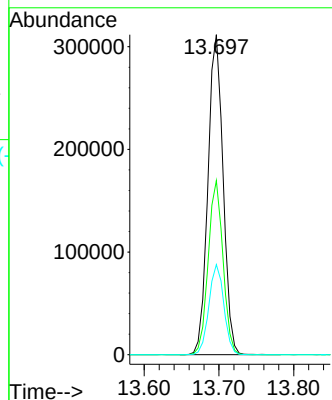
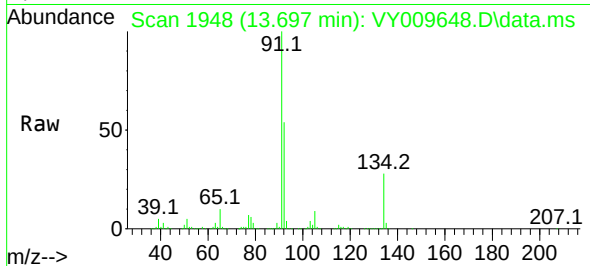




#89
n-Butylbenzene
Concen: 54.493 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

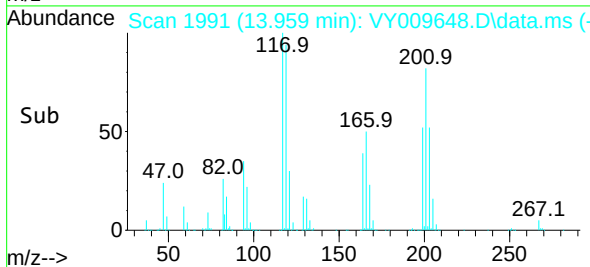
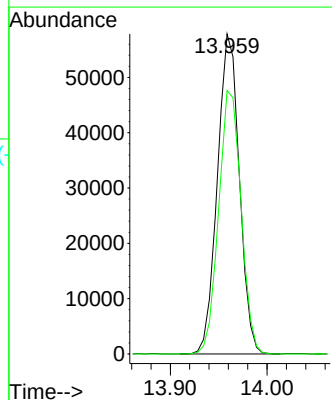
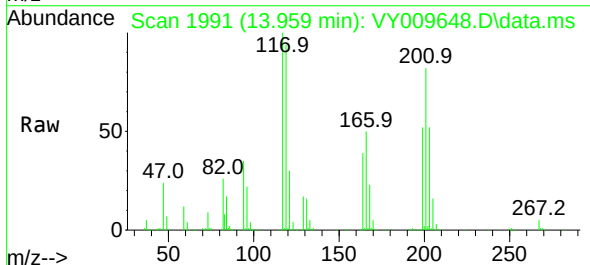
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

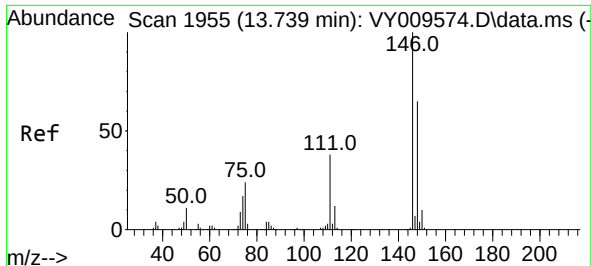
Tgt Ion: 91 Resp: 439035
Ion Ratio Lower Upper
91 100
92 53.1 26.3 78.9
134 27.8 13.0 38.9



#90
Hexachloroethane
Concen: 53.621 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY009648.D
Acq: 22 Jul 2022 09:26

Tgt Ion: 117 Resp: 91131
Ion Ratio Lower Upper
117 100
201 84.1 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 54.973 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY009648.D

Acq: 22 Jul 2022 09:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

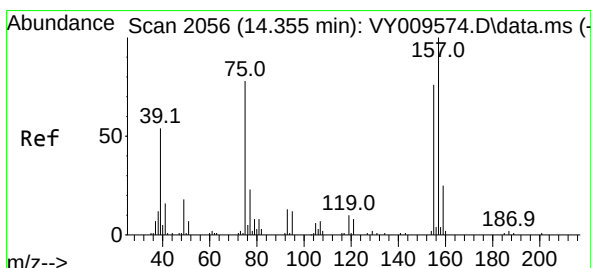
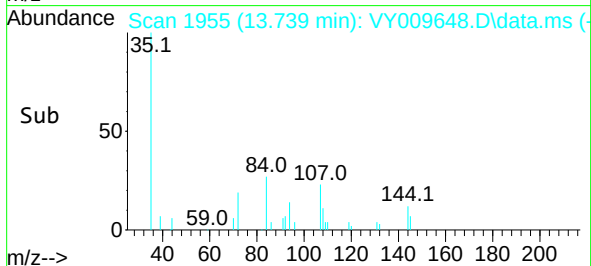
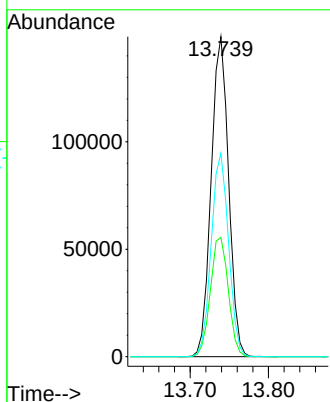
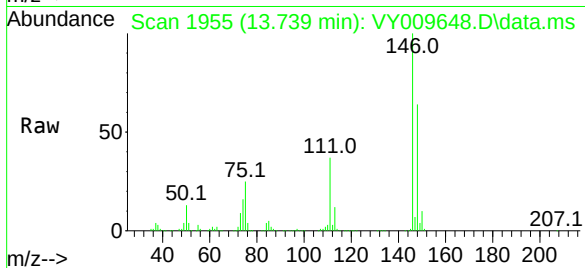
Tgt Ion:146 Resp: 230393

Ion Ratio Lower Upper

146 100

111 38.3 20.3 60.9

148 63.3 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.435 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY009648.D

Acq: 22 Jul 2022 09:26

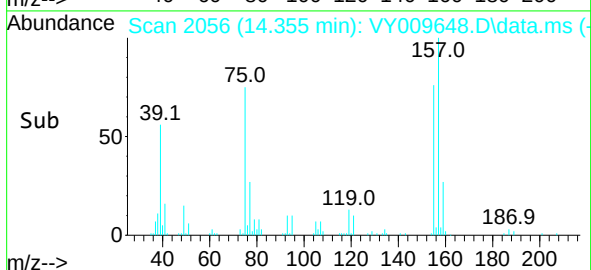
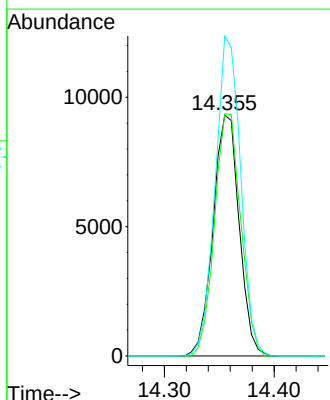
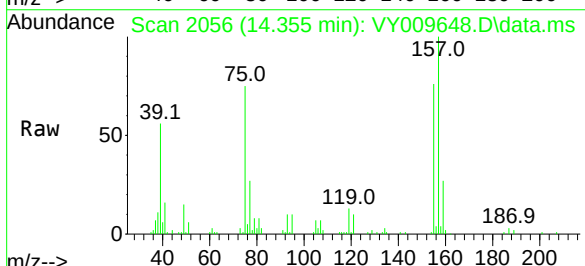
Tgt Ion: 75 Resp: 15407

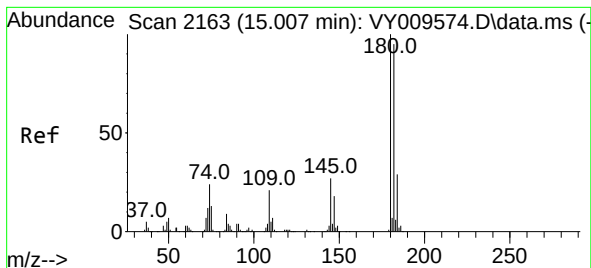
Ion Ratio Lower Upper

75 100

155 101.1 38.0 113.9

157 129.5 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 55.380 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009648.D

Acq: 22 Jul 2022 09:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

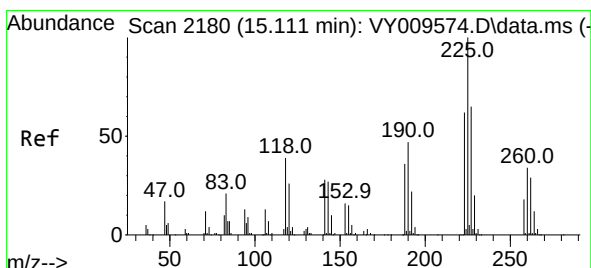
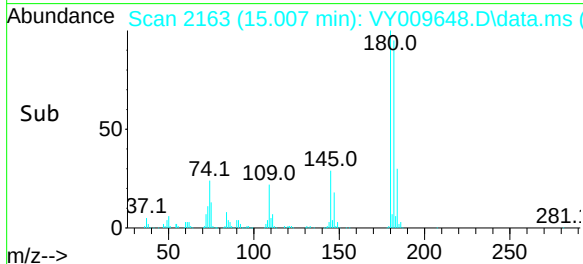
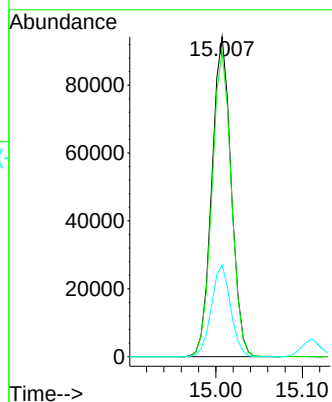
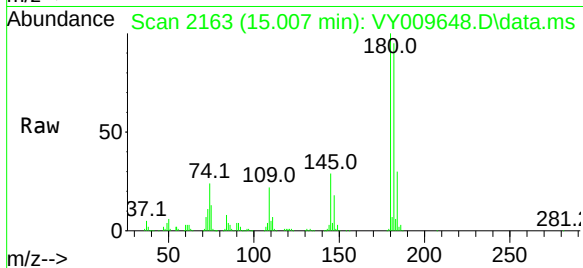
Tgt Ion:180 Resp: 145675

Ion Ratio Lower Upper

180 100

182 95.5 47.3 141.9

145 28.5 14.6 43.8



#94

Hexachlorobutadiene

Concen: 55.902 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY009648.D

Acq: 22 Jul 2022 09:26

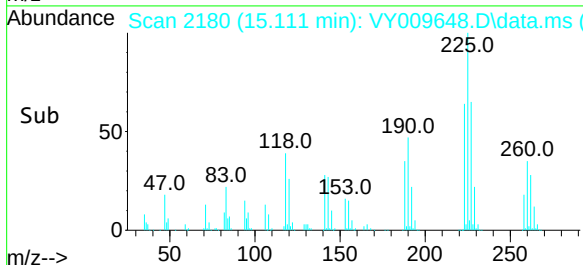
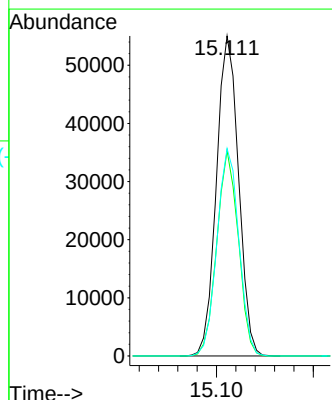
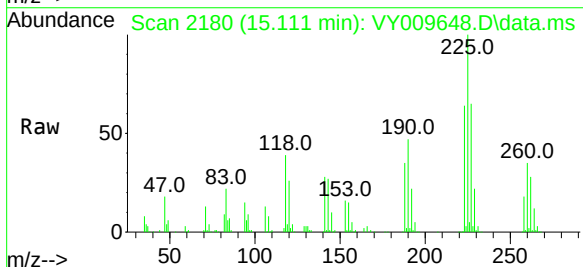
Tgt Ion:225 Resp: 87234

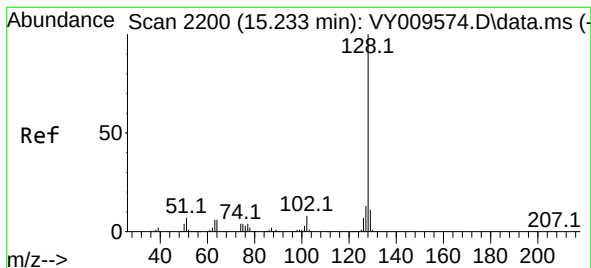
Ion Ratio Lower Upper

225 100

223 62.3 30.8 92.3

227 64.3 31.6 94.7





#95

Naphthalene

Concen: 55.542 ug/l

RT: 15.233 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY009648.D

Acq: 22 Jul 2022 09:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

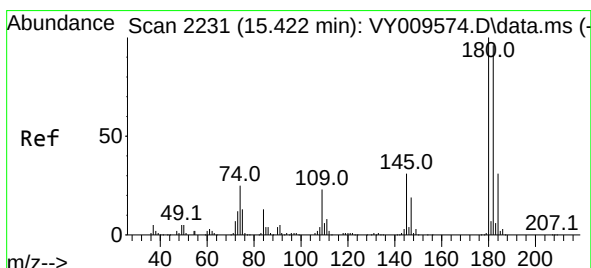
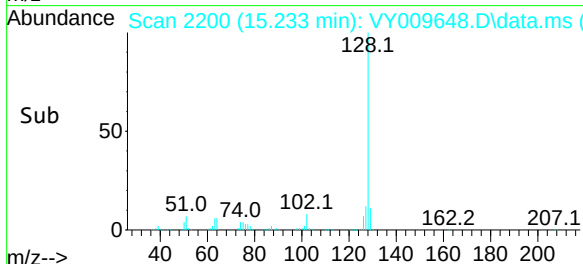
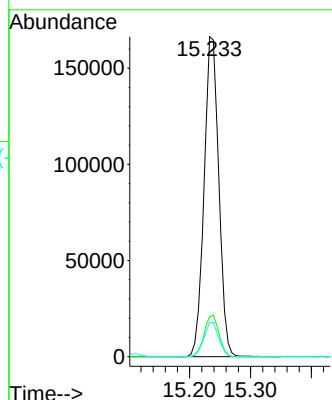
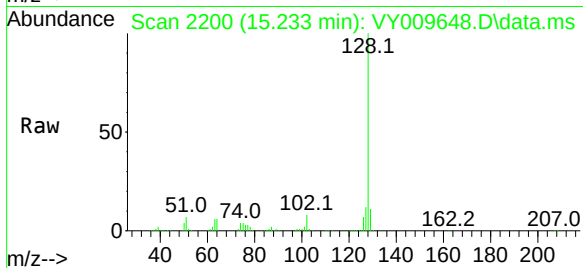
Tgt Ion:128 Resp: 278941

Ion Ratio Lower Upper

128 100

127 13.1 11.0 16.4

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 54.991 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY009648.D

Acq: 22 Jul 2022 09:26

Tgt Ion:180 Resp: 127066

Ion Ratio Lower Upper

180 100

182 95.8 47.3 141.9

145 30.4 15.3 45.9

