

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080122\
 Data File : VY009812.D
 Acq On : 01 Aug 2022 21:19
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Aug 02 01:43:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	156042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	219734	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	198501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	110050	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	50558	48.527	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.060%
35) Dibromofluoromethane	7.710	113	61169	51.184	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.360%
50) Toluene-d8	10.179	98	167317	47.894	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	95.780%
62) 4-Bromofluorobenzene	12.477	95	74848	47.233	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	94.460%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	50200	36.137	ug/l	100
3) Chloromethane	2.107	50	81636	47.997	ug/l	99
4) Vinyl Chloride	2.241	62	86673	45.663	ug/l	99
5) Bromomethane	2.637	94	65003	49.400	ug/l	97
6) Chloroethane	2.784	64	58916	51.887	ug/l	99
7) Trichlorofluoromethane	3.113	101	106268	42.382	ug/l	93
8) Diethyl Ether	3.521	74	35388	43.542	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.887	101	60514	42.678	ug/l	94
10) Methyl Iodide	4.076	142	79826	43.390	ug/l	90
11) Tert butyl alcohol	4.948	59	27500	178.910	ug/l #	93
12) 1,1-Dichloroethene	3.863	96	55868	41.911	ug/l	83
13) Acrolein	3.723	56	7277	300.246	ug/l	99
14) Allyl chloride	4.466	41	86878	41.452	ug/l #	92
15) Acrylonitrile	5.155	53	93982	240.102	ug/l	97
16) Acetone	3.942	43	67728	181.533	ug/l #	89
17) Carbon Disulfide	4.186	76	166568	40.613	ug/l	99
18) Methyl Acetate	4.466	43	43948	45.618	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	164584	45.213	ug/l	97
20) Methylene Chloride	4.704	84	92403	51.974	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	67920	43.850	ug/l	84
22) Diisopropyl ether	6.112	45	212666	47.646	ug/l	93
23) Vinyl Acetate	6.051	43	687515	229.589	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	117643	45.480	ug/l	99
25) 2-Butanone	6.978	43	118479	215.265	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	92397	37.574	ug/l	92
27) cis-1,2-Dichloroethene	6.978	96	78340	45.089	ug/l	85
28) Bromochloromethane	7.326	49	43259	46.392	ug/l #	84
29) Tetrahydrofuran	7.338	42	85056	244.035	ug/l	92
30) Chloroform	7.496	83	144282	53.318	ug/l	99
31) Cyclohexane	7.777	56	109619	44.152	ug/l	91
32) 1,1,1-Trichloroethane	7.691	97	123621	50.895	ug/l	96
36) 1,1-Dichloropropene	7.911	75	102853	52.892	ug/l	96
37) Ethyl Acetate	7.070	43	55415	48.081	ug/l	97
38) Carbon Tetrachloride	7.893	117	112511	53.996	ug/l	98
39) Methylcyclohexane	9.179	83	117440	48.754	ug/l	90
40) Benzene	8.155	78	310260	53.848	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	76509	130.294	ug/l #	1
42) 1,2-Dichloroethane	8.228	62	89246	55.557	ug/l	90
43) Isopropyl Acetate	8.265	43	108597	53.931	ug/l #	92
44) Trichloroethene	8.935	130	88182	53.351	ug/l	97
45) 1,2-Dichloropropane	9.209	63	76607	54.761	ug/l	92
46) Dibromomethane	9.301	93	45744	54.961	ug/l	94
47) Bromodichloromethane	9.490	83	106140	55.511	ug/l	98
48) Methyl methacrylate	9.289	41	48649	54.942	ug/l #	86
49) 1,4-Dioxane	9.295	88	12246	1009.795	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	297989	290.900	ug/l	92
52) Toluene	10.240	92	181876	50.395	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	97808	49.533	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	122558	54.041	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	60703	51.582	ug/l	98
56) Ethyl methacrylate	10.508	69	76780	52.370	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	99269	51.867	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	191313	254.028	ug/l	94
59) 2-Hexanone	10.831	43	194290	266.137	ug/l	91
60) Dibromochloromethane	10.984	129	75248	52.867	ug/l	99
61) 1,2-Dibromoethane	11.087	107	57855	50.470	ug/l	99
64) Tetrachloroethene	10.715	164	78051	49.869	ug/l	98
65) Chlorobenzene	11.514	112	198333	49.792	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	77770	52.466	ug/l	98
67) Ethyl Benzene	11.593	91	344251	50.000	ug/l	97
68) m/p-Xylenes	11.703	106	281563	103.020	ug/l	89
69) o-Xylene	12.026	106	132630	51.892	ug/l	87
70) Styrene	12.044	104	231944	53.995	ug/l	93
71) Bromoform	12.203	173	51660	54.578	ug/l #	98
73) Isopropylbenzene	12.331	105	340433	46.535	ug/l	99
74) N-amyl acetate	12.142	43	94069	49.782	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	70717	49.144	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	91456	89.469	ug/l #	100
77) Bromobenzene	12.605	156	89448	49.232	ug/l	88
78) n-propylbenzene	12.666	91	416891	47.952	ug/l	97
79) 2-Chlorotoluene	12.752	91	231836	47.118	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	293504	48.408	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	24031	46.860	ug/l	87
82) 4-Chlorotoluene	12.855	91	244889	47.845	ug/l	95
83) tert-Butylbenzene	13.075	119	257315	47.225	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	297979	48.760	ug/l	97
85) sec-Butylbenzene	13.251	105	382355	47.795	ug/l	98
86) p-Isopropyltoluene	13.367	119	325876	48.162	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	178994	48.793	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	176956	47.900	ug/l	98
89) n-Butylbenzene	13.696	91	294344	47.483	ug/l	99
90) Hexachloroethane	13.959	117	63979	48.069	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	158154	48.273	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11263	46.580	ug/l	68
93) 1,2,4-Trichlorobenzene	15.007	180	99573	48.154	ug/l	99
94) Hexachlorobutadiene	15.111	225	59720	47.700	ug/l	99
95) Naphthalene	15.233	128	197243	50.888	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	88944	49.179	ug/l	98

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QLast Update : Wed Jul 27 04:24:58 2022
Response via : Initial Calibration

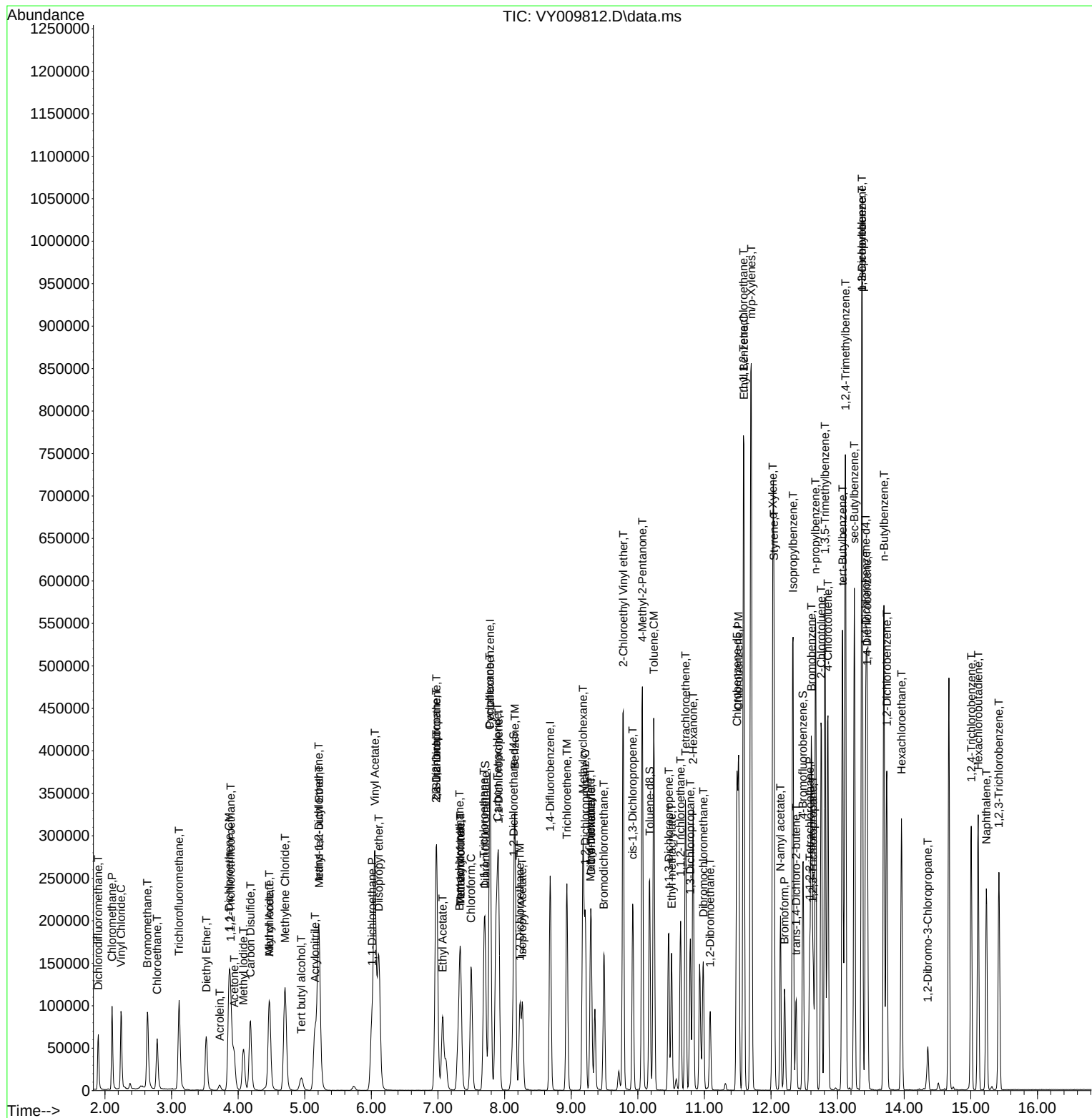
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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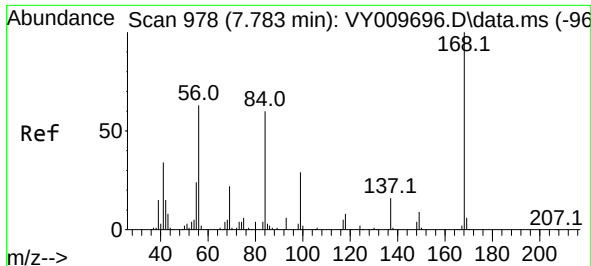
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VY0809812.D
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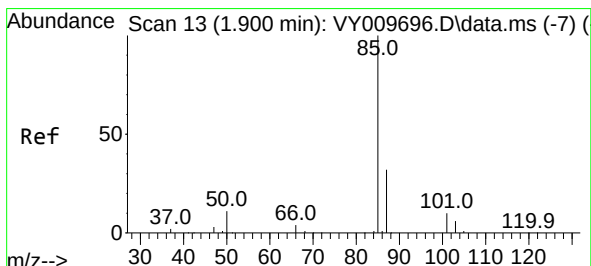
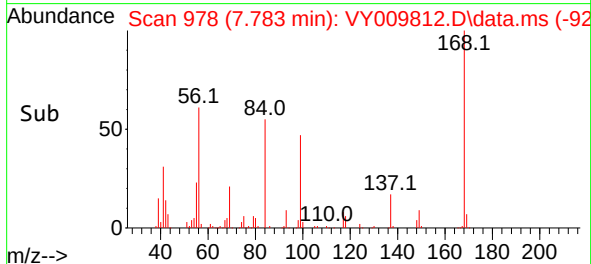
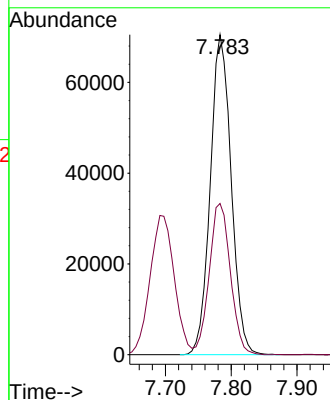
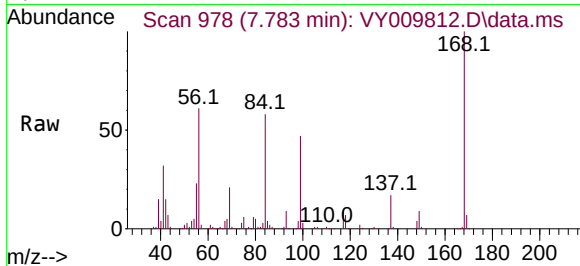




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009812.D
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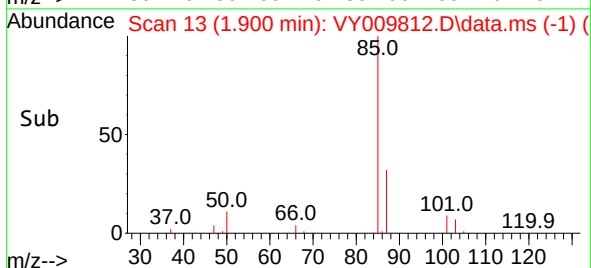
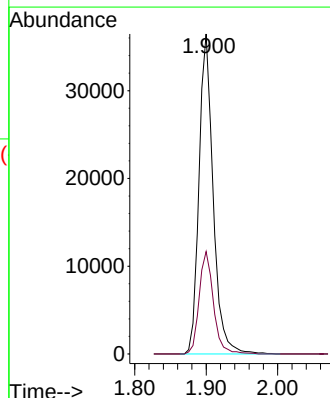
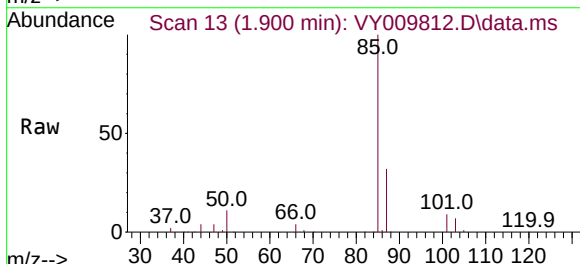
Instrument :
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ClientSampleId :
VSTDCCC050EC

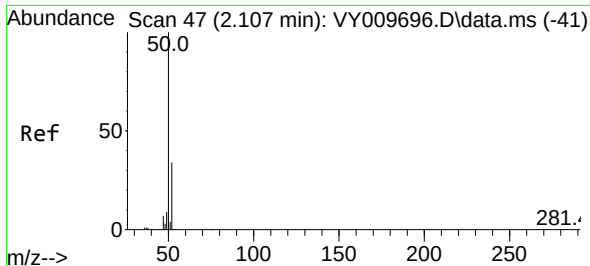
Tgt Ion:168 Resp: 156042
Ion Ratio Lower Upper
168 100
99 47.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 36.137 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

Tgt Ion: 85 Resp: 50200
Ion Ratio Lower Upper
85 100
87 32.0 16.1 48.2

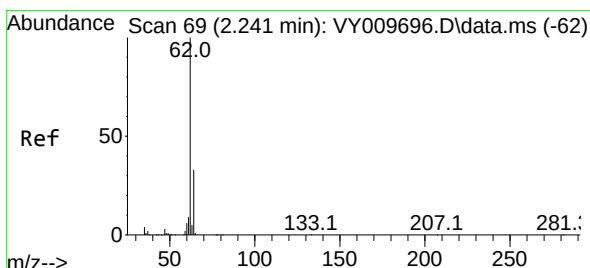
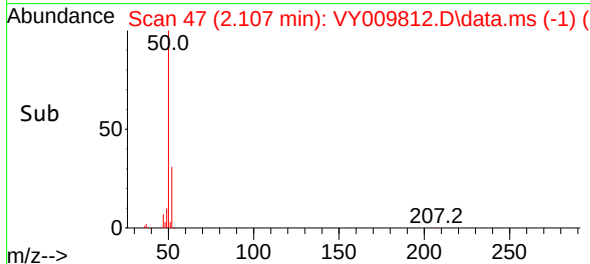
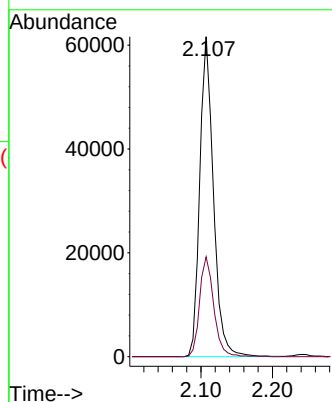
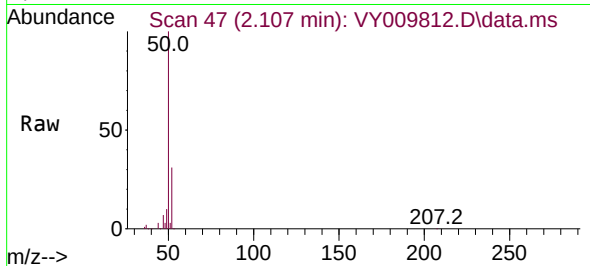




#3
Chloromethane
Concen: 47.997 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

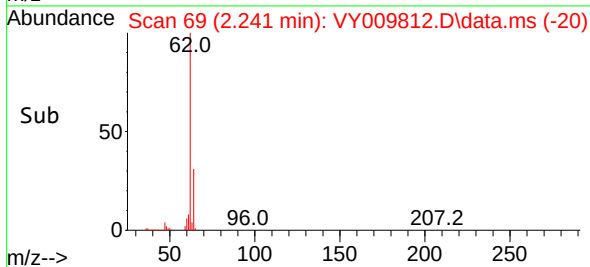
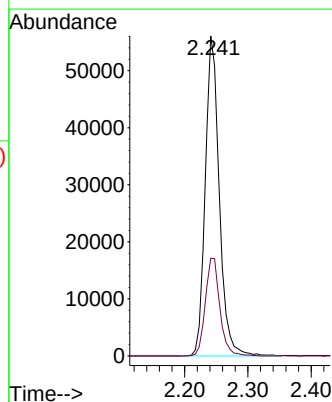
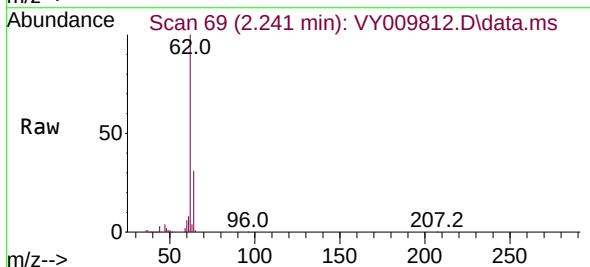
Instrument :
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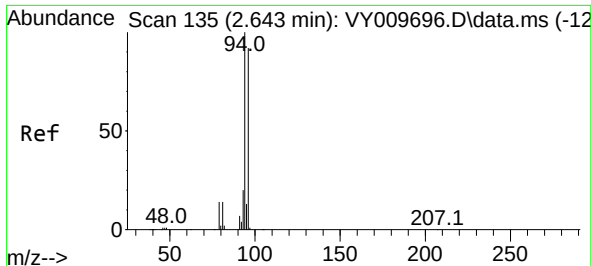
Tgt Ion: 50 Resp: 81636
Ion Ratio Lower Upper
50 100
52 31.2 24.6 37.0



#4
Vinyl Chloride
Concen: 45.663 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

Tgt Ion: 62 Resp: 86673
Ion Ratio Lower Upper
62 100
64 30.6 25.0 37.6

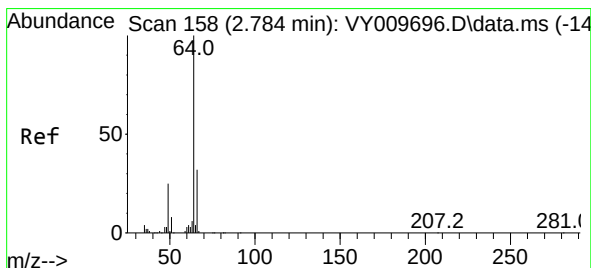
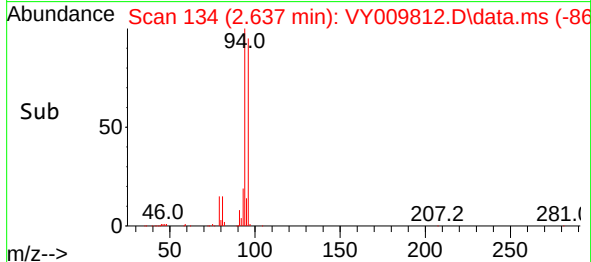
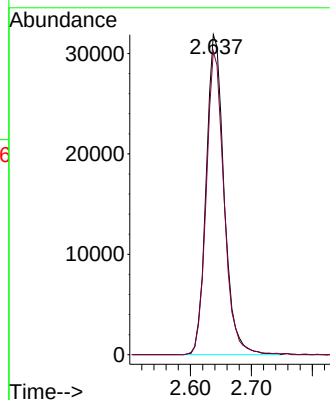
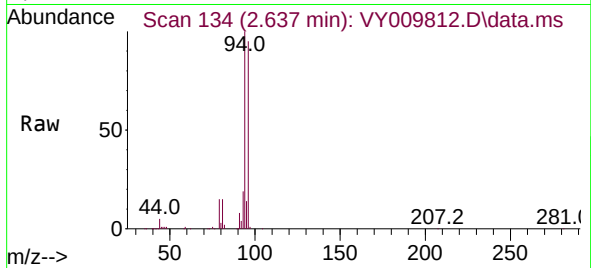




#5
Bromomethane
Concen: 49.400 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009812.D
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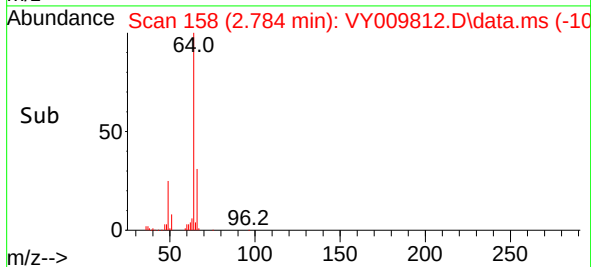
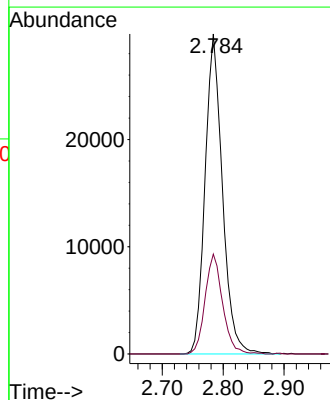
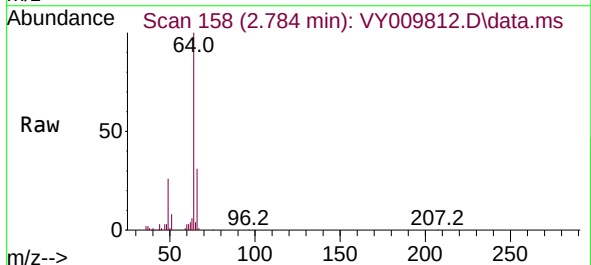
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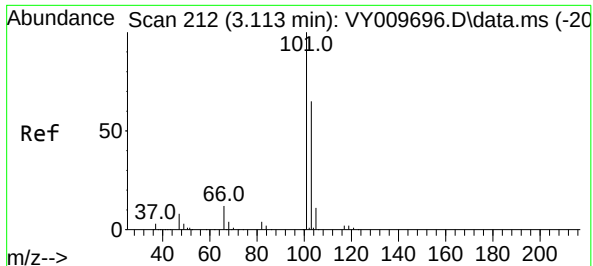
Tgt Ion: 94 Resp: 65003
Ion Ratio Lower Upper
94 100
96 94.8 73.5 110.3



#6
Chloroethane
Concen: 51.887 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

Tgt Ion: 64 Resp: 58916
Ion Ratio Lower Upper
64 100
66 31.2 25.4 38.0

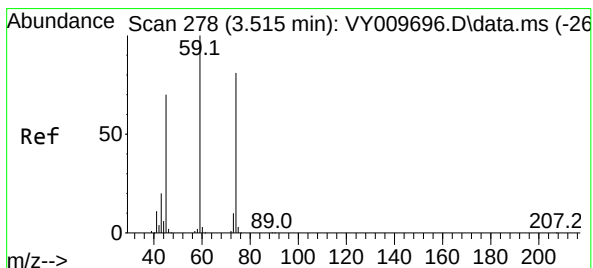
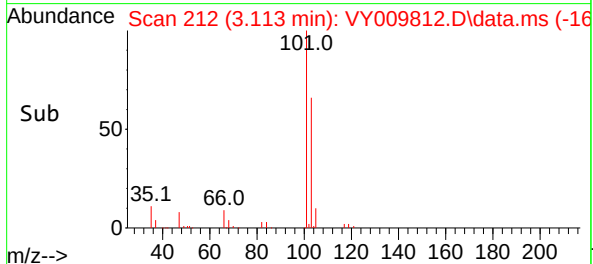
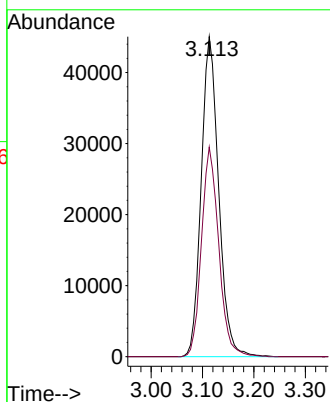
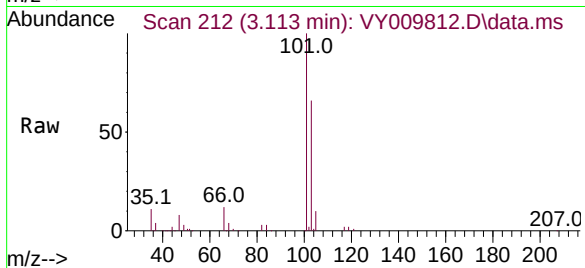




#7
 Trichlorofluoromethane
 Concen: 42.382 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VY009812.D
 Acq: 01 Aug 2022 21:19

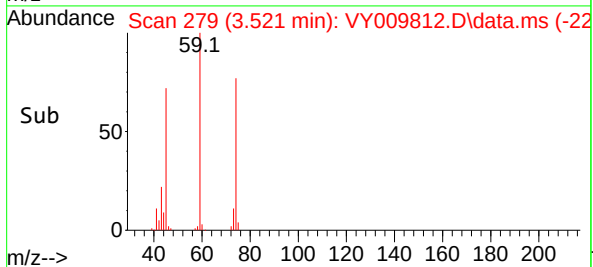
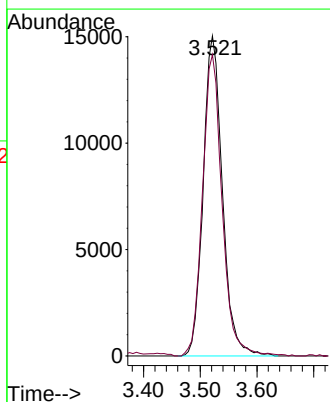
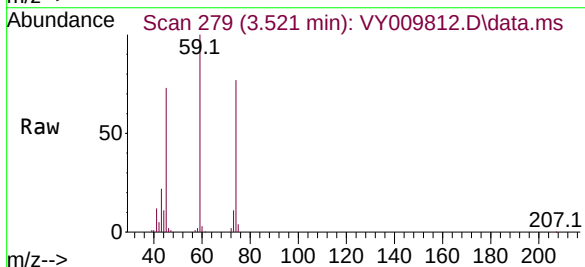
Instrument :
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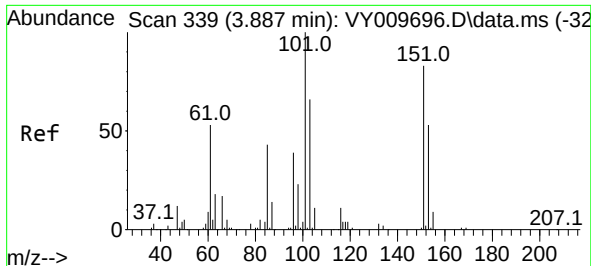
Tgt Ion:101 Resp: 106268
 Ion Ratio Lower Upper
 101 100
 103 65.5 48.0 72.0



#8
 Diethyl Ether
 Concen: 43.542 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 35388
 Ion Ratio Lower Upper
 74 100
 45 96.1 55.1 165.5

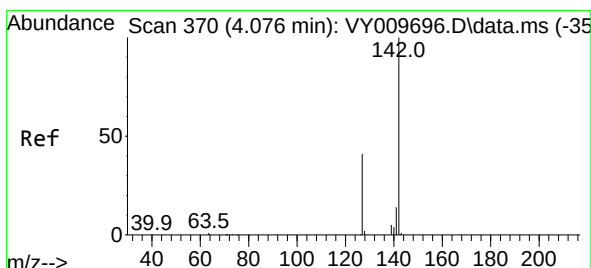
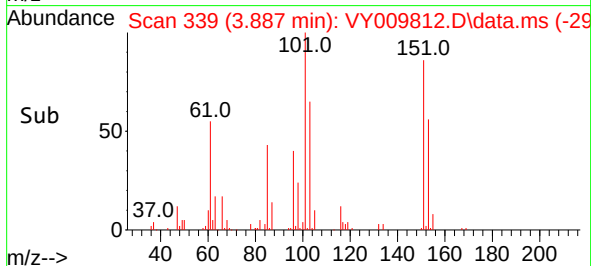
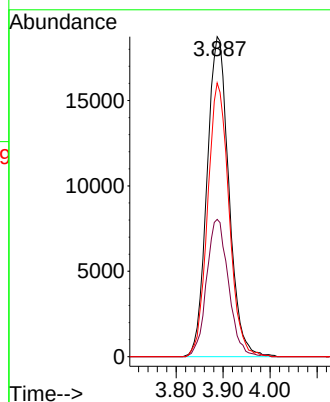
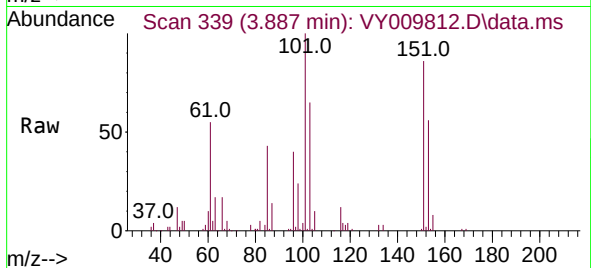




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 42.678 ug/l
 RT: 3.887 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VY009812.D
 Acq: 01 Aug 2022 21:19

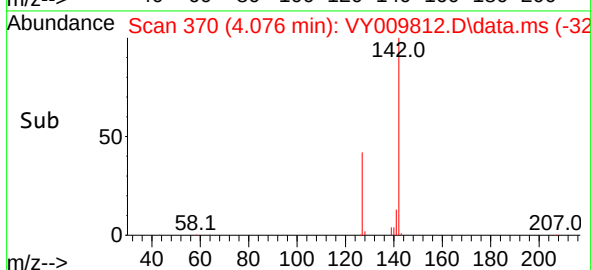
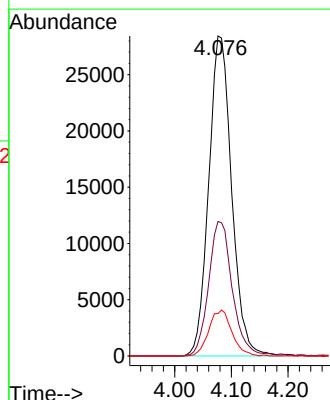
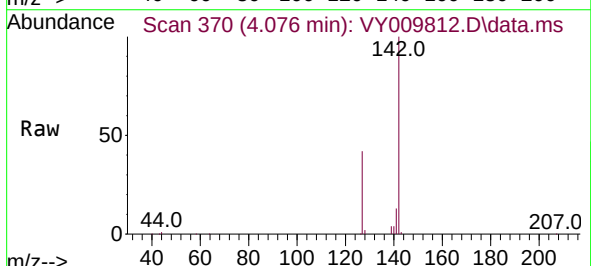
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

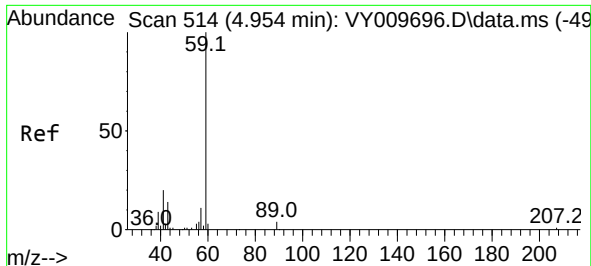
Tgt Ion:	101	Resp:	60514
Ion	Ratio	Lower	Upper
101	100		
85	43.0	40.6	60.8
151	83.7	64.9	97.3



#10
 Methyl Iodide
 Concen: 43.390 ug/l
 RT: 4.076 min Scan# 370
 Delta R.T. 0.000 min
 Lab File: VY009812.D
 Acq: 01 Aug 2022 21:19

Tgt Ion:	142	Resp:	79826
Ion	Ratio	Lower	Upper
142	100		
127	43.4	41.5	62.3
141	14.5	11.9	17.9

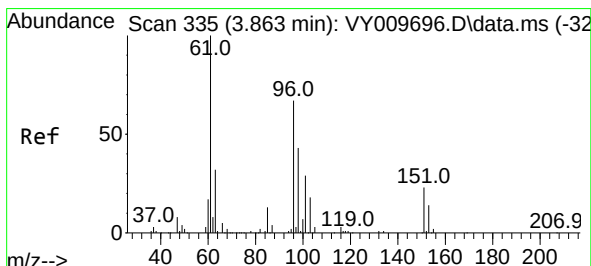
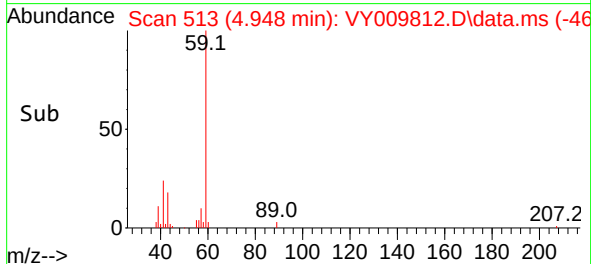
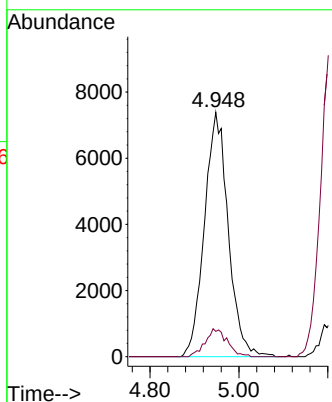
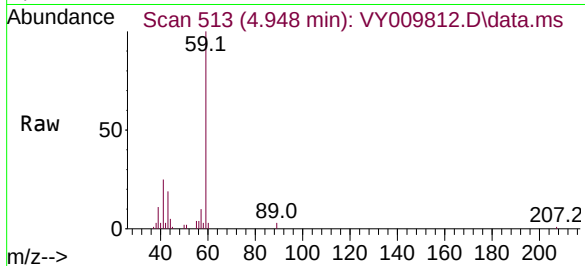




#11
Tert butyl alcohol
Concen: 178.910 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

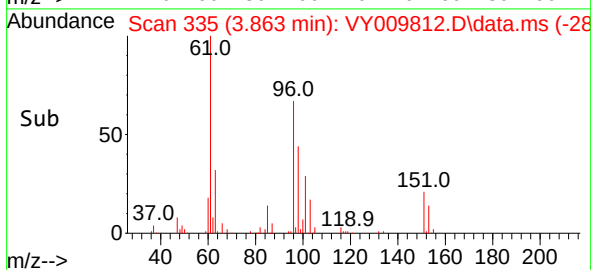
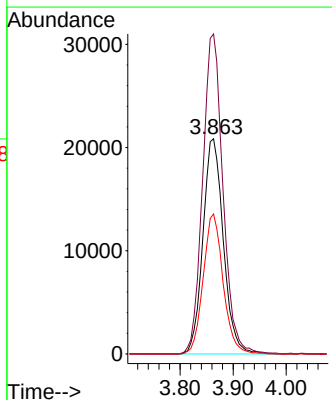
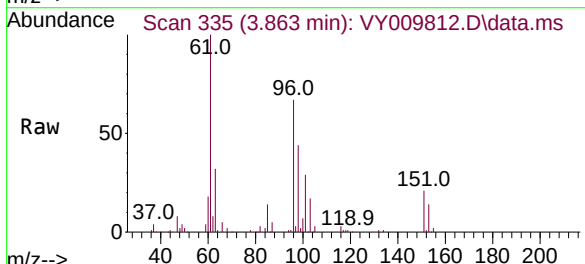
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

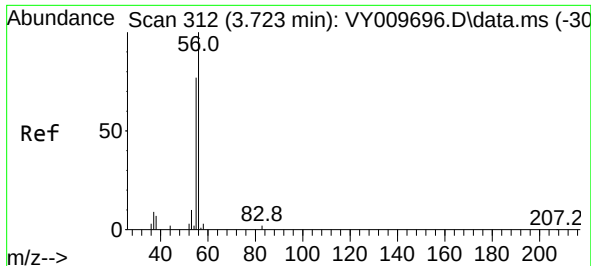
Tgt Ion: 59 Resp: 27500
Ion Ratio Lower Upper
59 100
57 10.6 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 41.911 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

Tgt Ion: 96 Resp: 55868
Ion Ratio Lower Upper
96 100
61 148.7 145.8 218.6
98 65.1 52.5 78.7

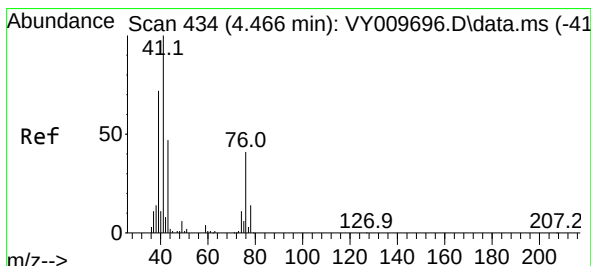
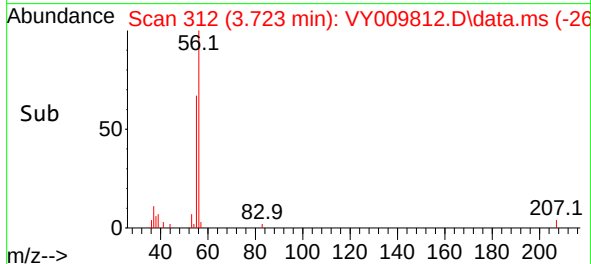
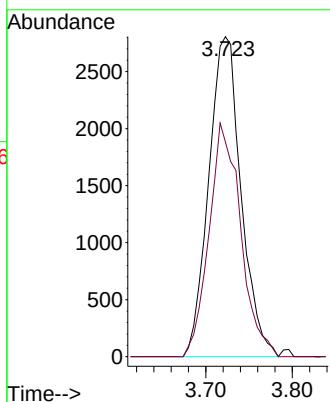
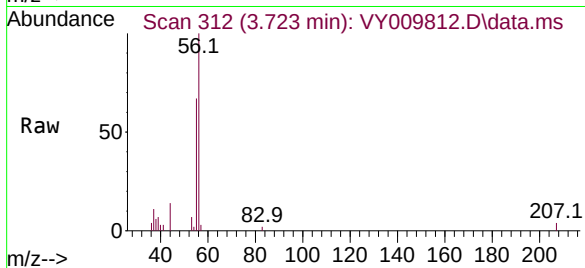




#13
Acrolein
Concen: 300.246 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

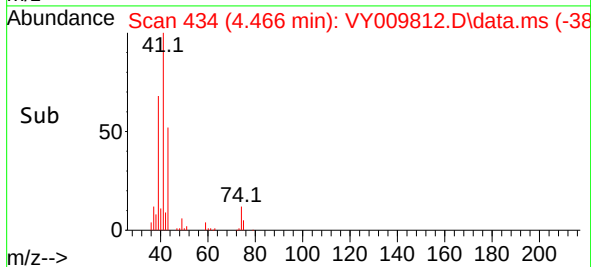
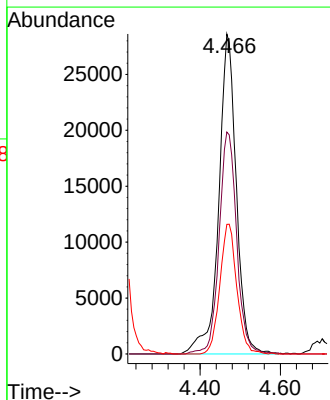
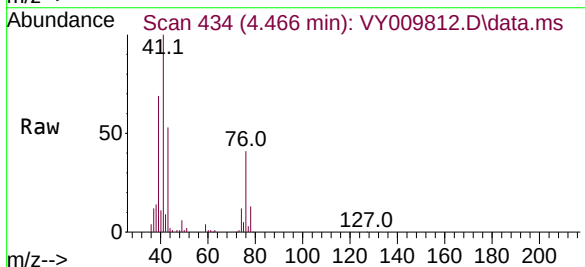
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

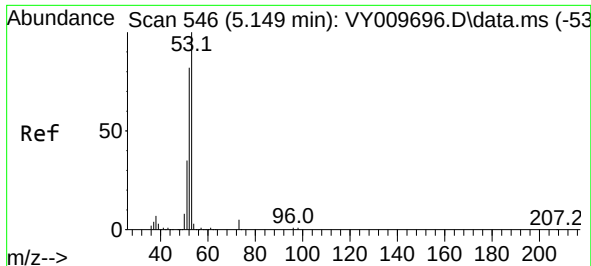
Tgt Ion: 56 Resp: 7277
Ion Ratio Lower Upper
56 100
55 71.4 57.6 86.4



#14
Allyl chloride
Concen: 41.452 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

Tgt Ion: 41 Resp: 86878
Ion Ratio Lower Upper
41 100
39 69.5 58.8 88.2
76 39.2 25.1 37.7#

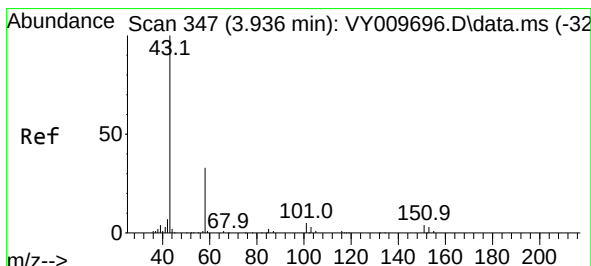
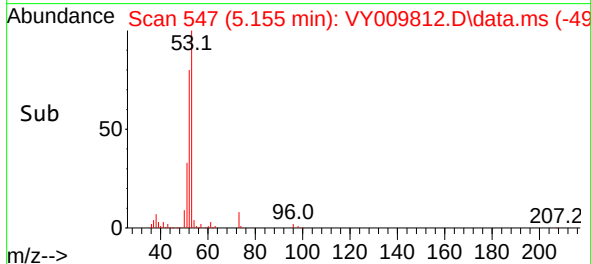
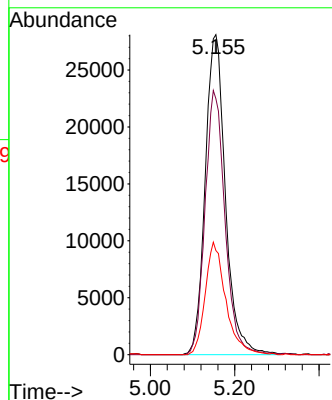
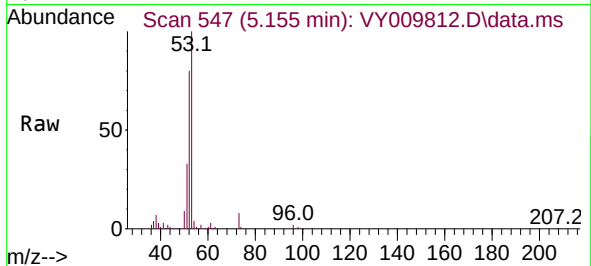




#15
Acrylonitrile
Concen: 240.102 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

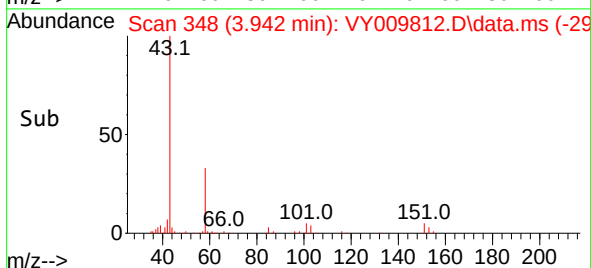
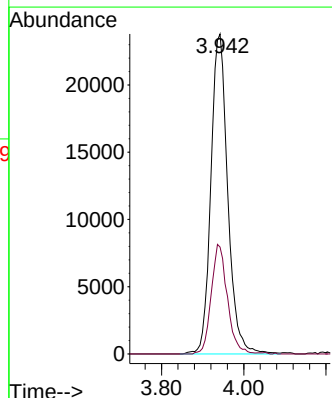
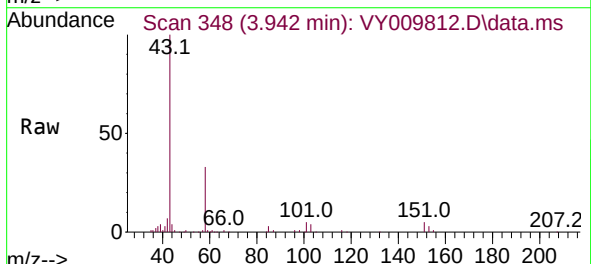
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

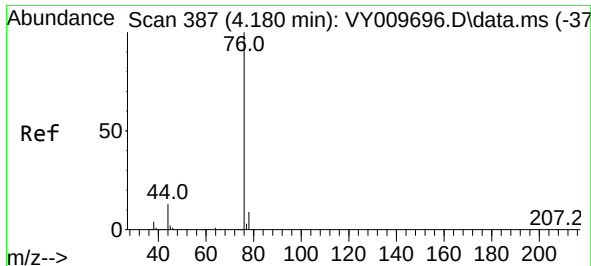
Tgt Ion: 53	Resp: 93982
Ion Ratio	Lower Upper
53 100	
52 81.3	67.0 100.4
51 35.7	29.8 44.6



#16
Acetone
Concen: 181.533 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

Tgt Ion: 43	Resp: 67728		
Ion Ratio	Lower	Upper	
43 100			
58 33.4	22.0	33.0#	

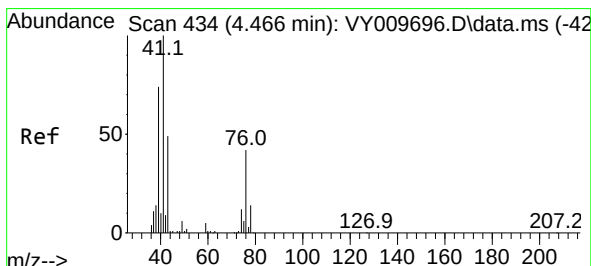
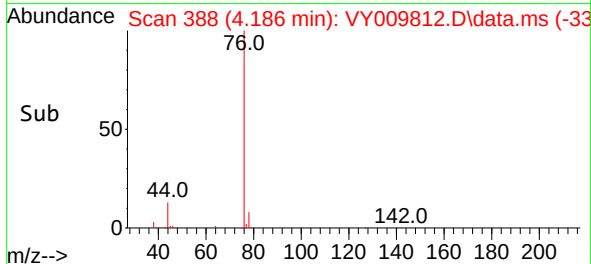
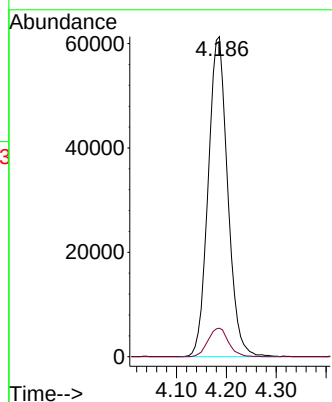
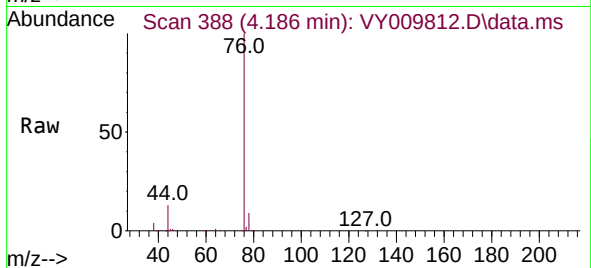




#17
Carbon Disulfide
Concen: 40.613 ug/l
RT: 4.186 min Scan# 387
Delta R.T. 0.006 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

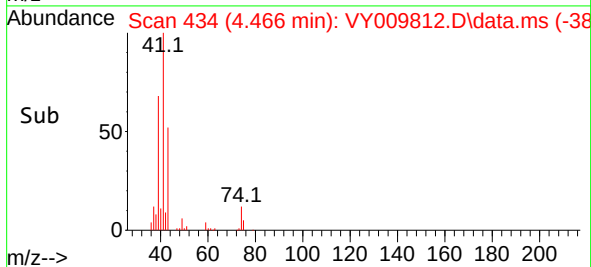
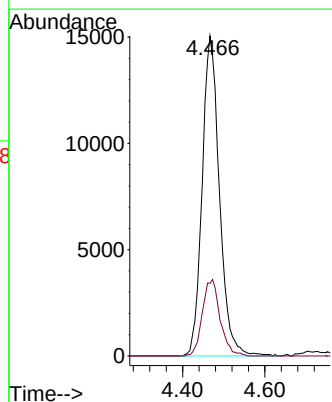
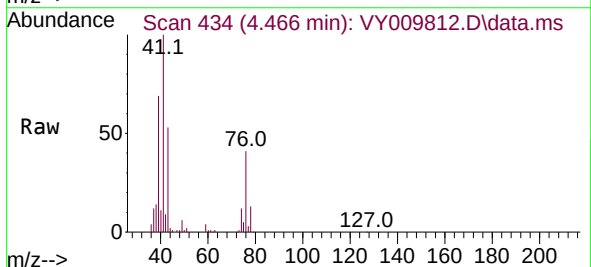
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

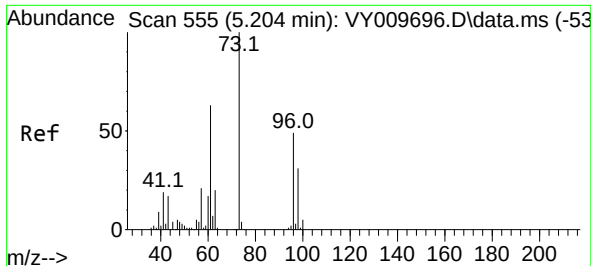
Tgt Ion: 76 Resp: 166568
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 45.618 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

Tgt Ion: 43 Resp: 43948
Ion Ratio Lower Upper
43 100
74 24.5 16.6 24.8

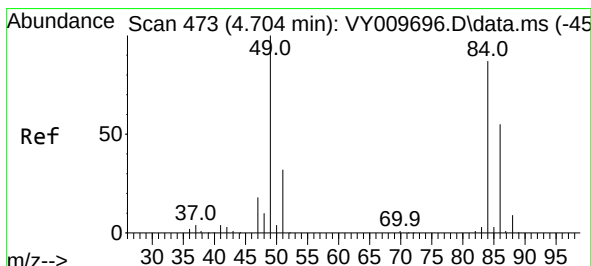
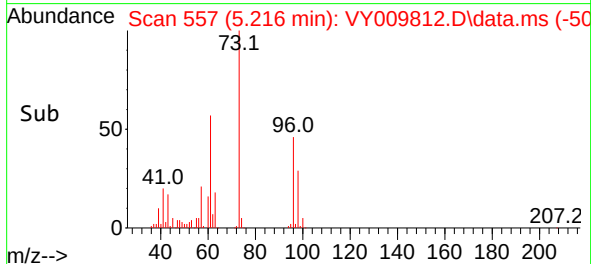
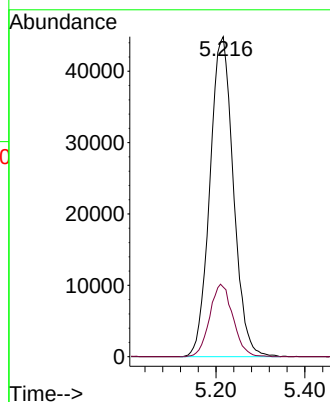
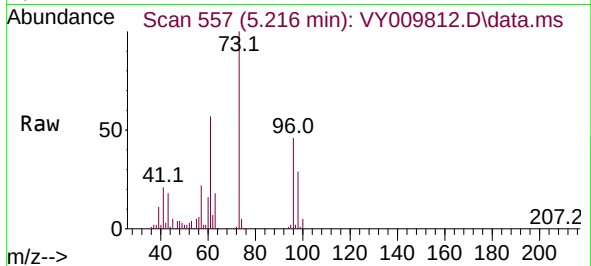




#19
Methyl tert-butyl Ether
Concen: 45.213 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

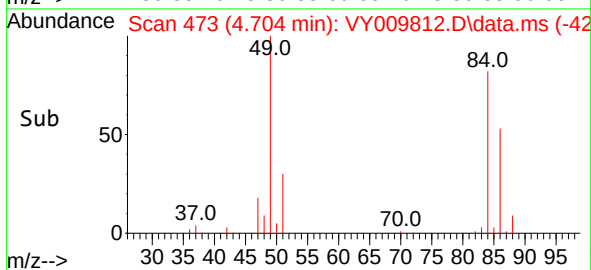
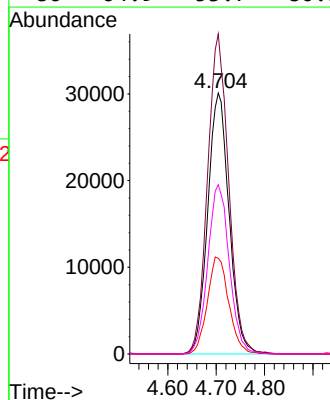
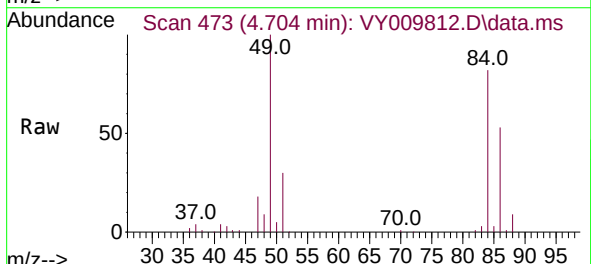
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

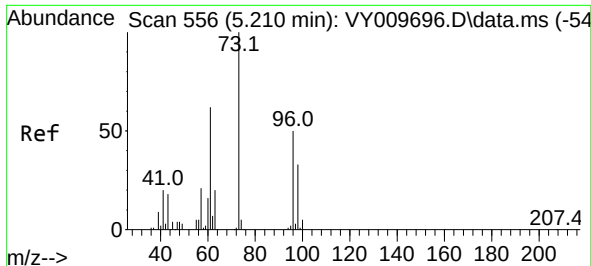
Tgt Ion: 73 Resp: 164584
Ion Ratio Lower Upper
73 100
57 21.8 18.6 27.8



#20
Methylene Chloride
Concen: 51.974 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

Tgt Ion: 84 Resp: 92403
Ion Ratio Lower Upper
84 100
49 122.6 114.4 171.6
51 36.7 35.3 52.9
86 64.9 53.7 80.5

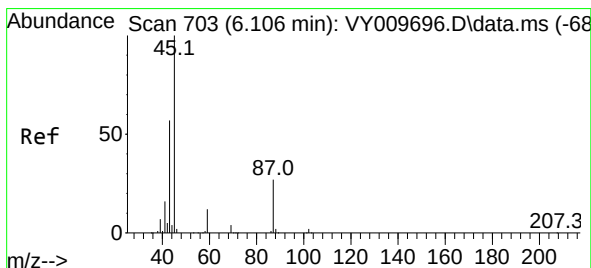
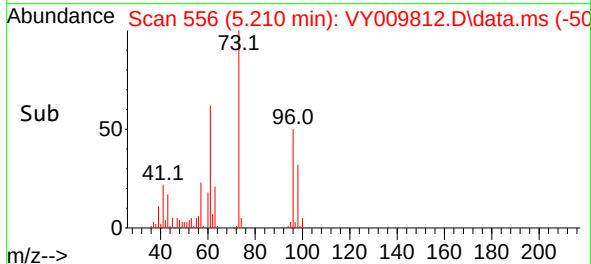
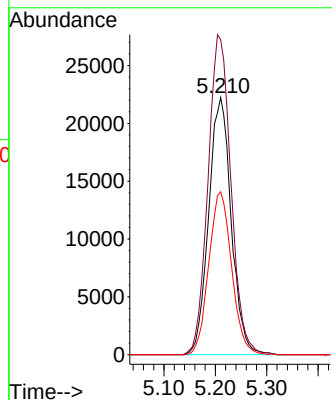
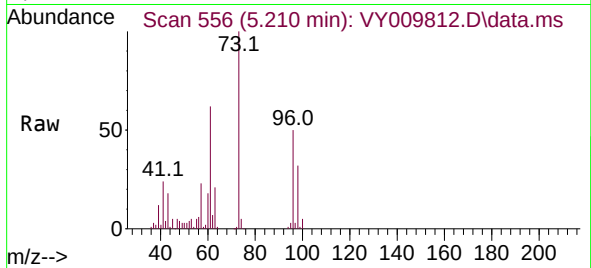




#21
trans-1,2-Dichloroethene
Concen: 43.850 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

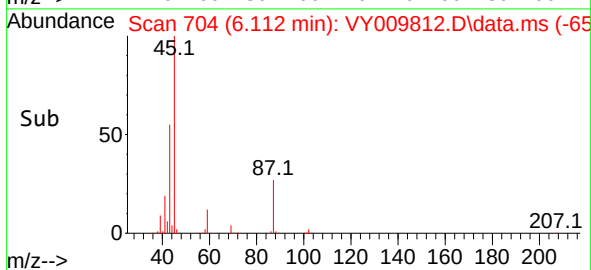
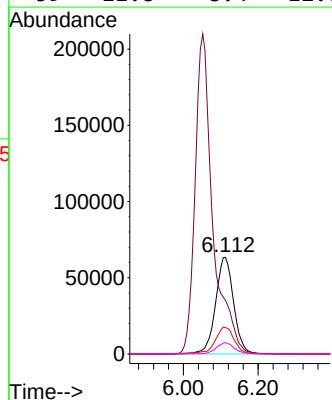
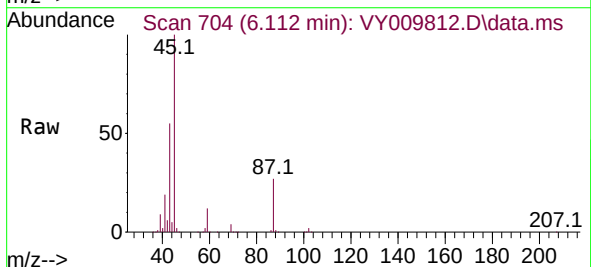
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

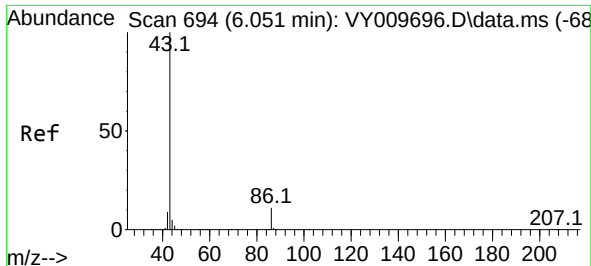
Tgt Ion: 96 Resp: 67920
Ion Ratio Lower Upper
96 100
61 122.5 120.5 180.7
98 63.4 49.8 74.8



#22
Diisopropyl ether
Concen: 47.646 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.006 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

Tgt Ion: 45 Resp: 212666
Ion Ratio Lower Upper
45 100
43 55.2 49.3 73.9
87 27.1 19.2 28.8
59 11.8 8.4 12.6

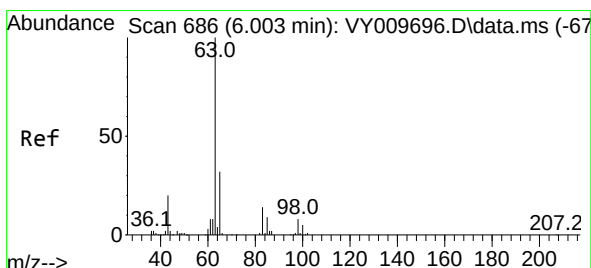
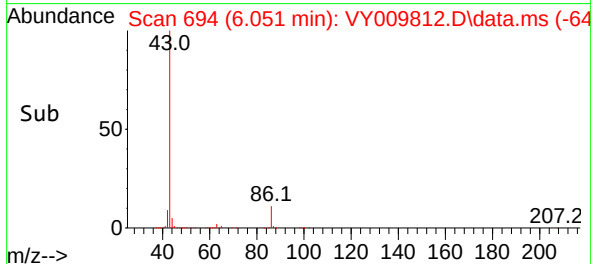
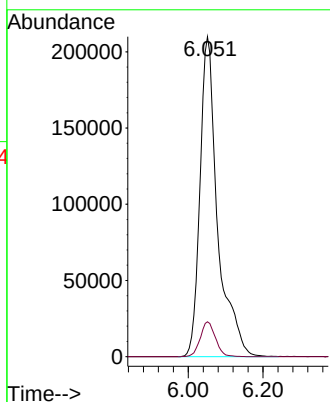
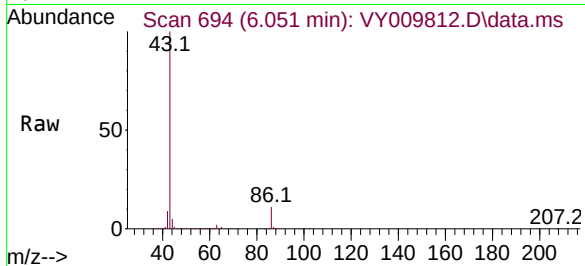




#23
 Vinyl Acetate
 Concen: 229.589 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY009812.D
 Acq: 01 Aug 2022 21:19

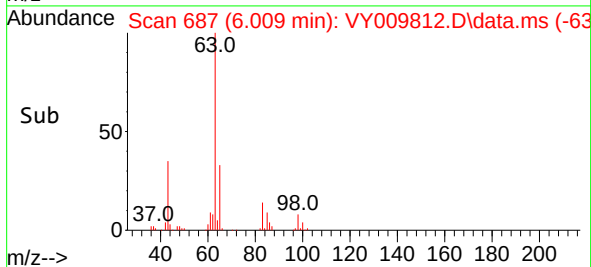
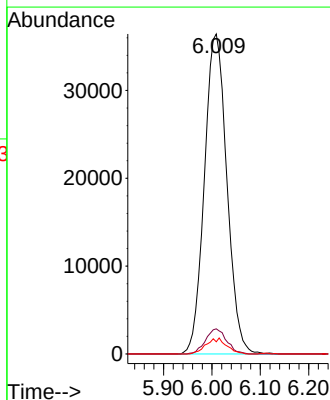
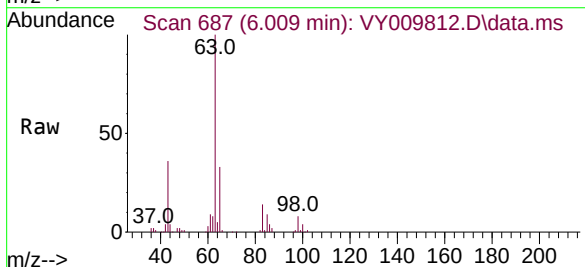
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

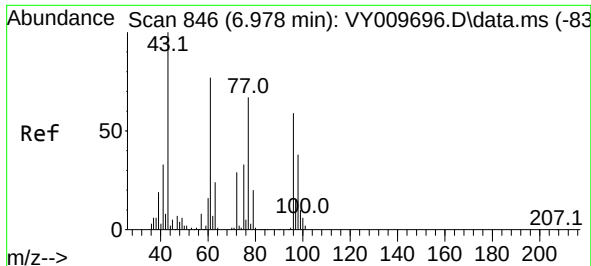
Tgt Ion: 43 Resp: 687515
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 45.480 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY009812.D
 Acq: 01 Aug 2022 21:19

Tgt Ion: 63 Resp: 117643
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.6 10.8
 100 3.8 2.0 5.8

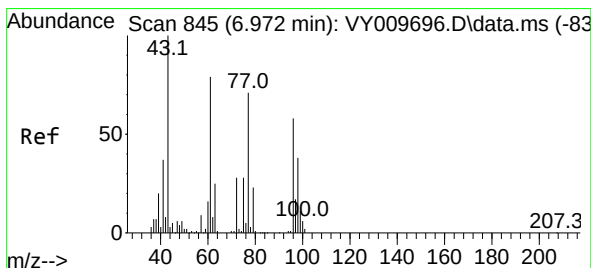
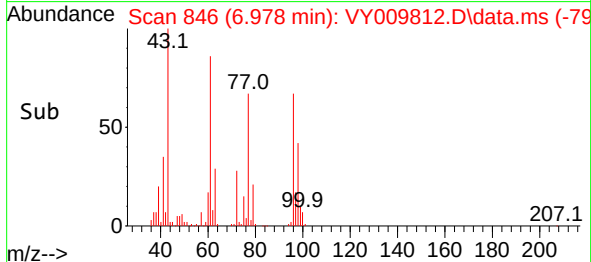
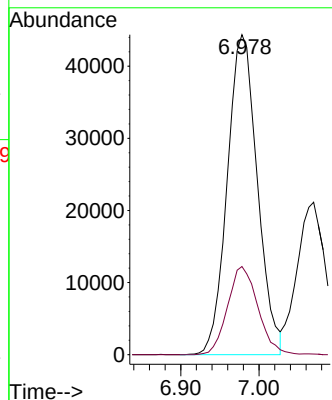
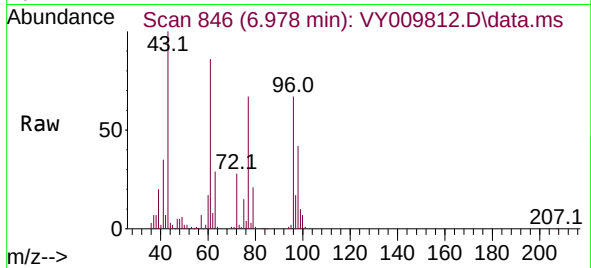




#25
2-Butanone
Concen: 215.265 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

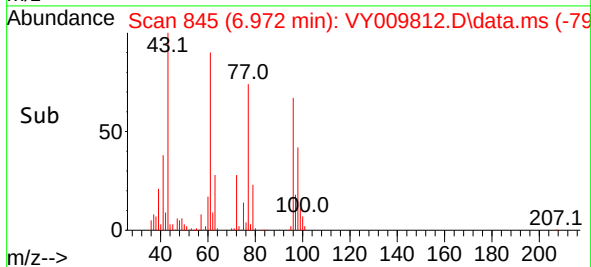
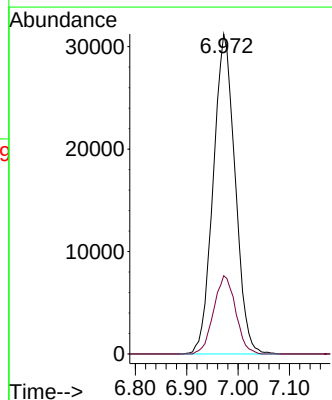
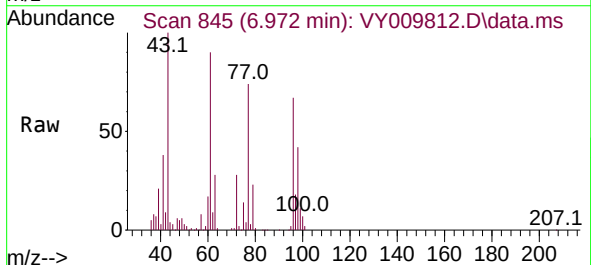
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

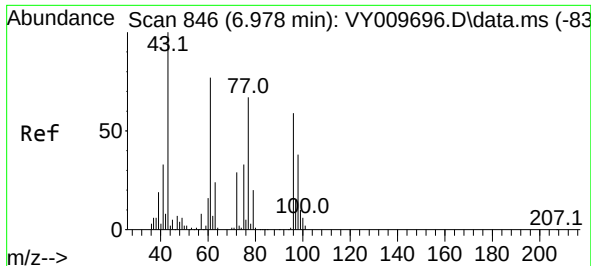
Tgt Ion: 43 Resp: 118479
Ion Ratio Lower Upper
43 100
72 27.6 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 37.574 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

Tgt Ion: 77 Resp: 92397
Ion Ratio Lower Upper
77 100
97 24.5 10.4 31.4

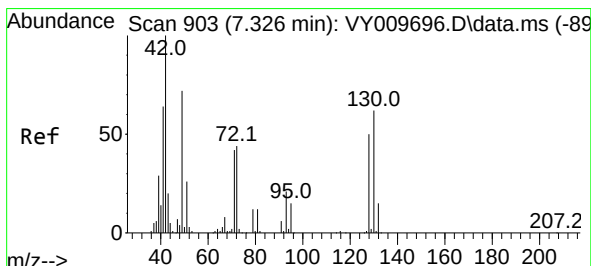
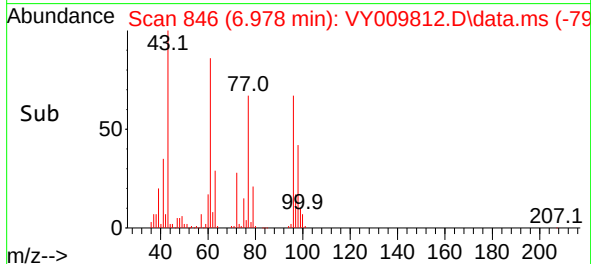
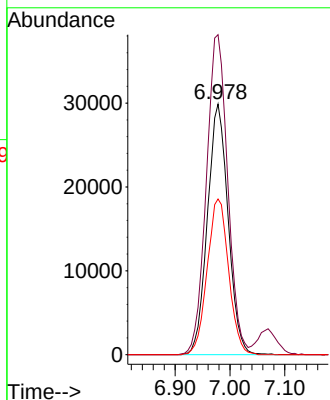
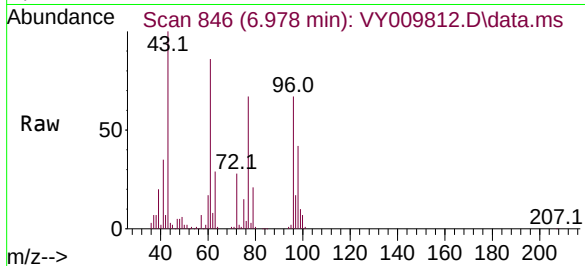




#27
 cis-1,2-Dichloroethene
 Concen: 45.089 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY009812.D
 Acq: 01 Aug 2022 21:19

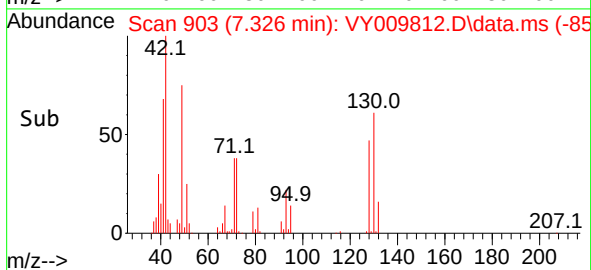
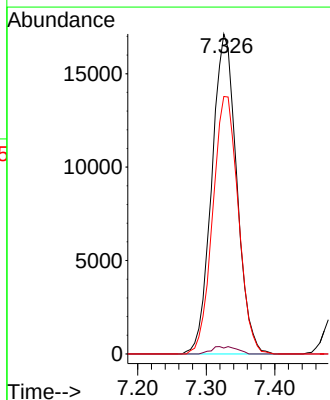
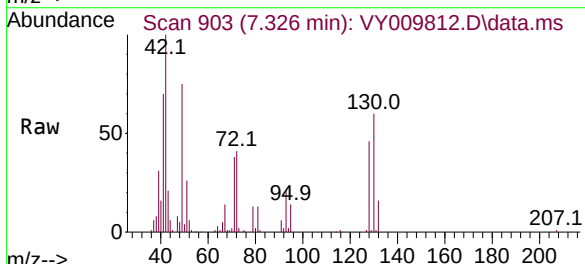
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

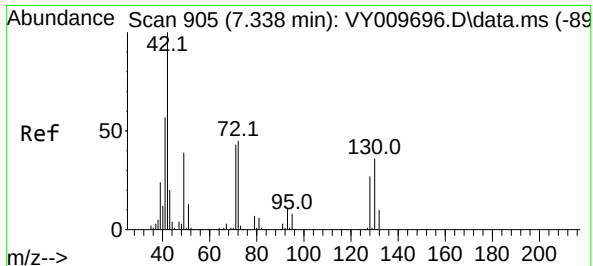
Tgt Ion: 96 Resp: 78340
 Ion Ratio Lower Upper
 96 100
 61 132.1 0.0 319.8
 98 64.4 0.0 127.0



#28
 Bromochloromethane
 Concen: 46.392 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: VY009812.D
 Acq: 01 Aug 2022 21:19

Tgt Ion: 49 Resp: 43259
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 2.2#
 130 82.3 55.4 83.0





#29

Tetrahydrofuran

Concen: 244.035 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY009812.D

Acq: 01 Aug 2022 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

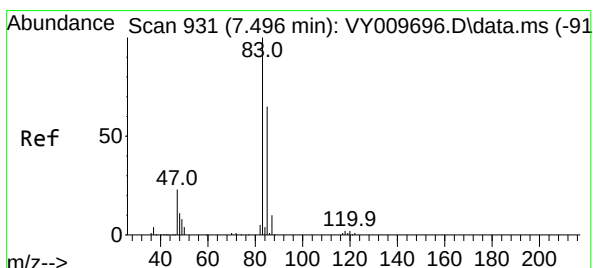
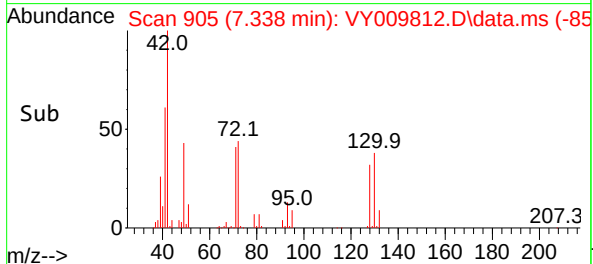
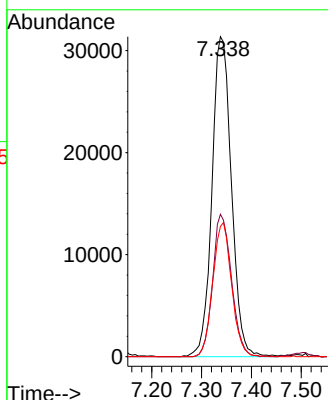
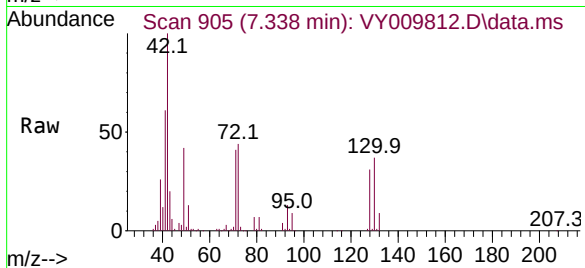
Tgt Ion: 42 Resp: 85056

Ion Ratio Lower Upper

42 100

72 42.9 30.3 45.5

71 40.5 29.0 43.4



#30

Chloroform

Concen: 53.318 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY009812.D

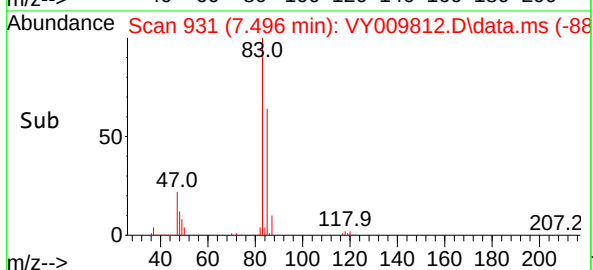
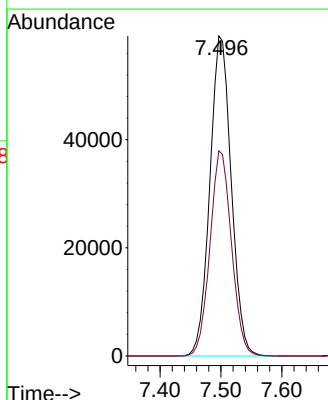
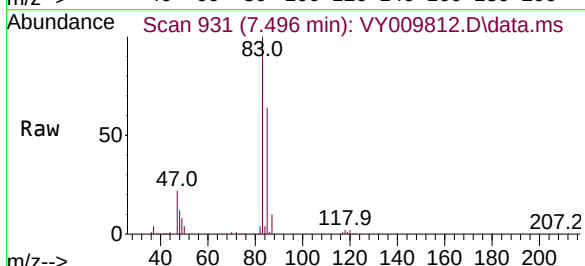
Acq: 01 Aug 2022 21:19

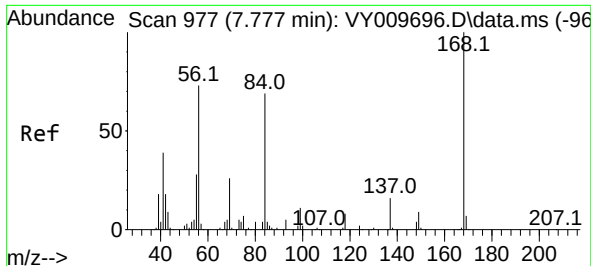
Tgt Ion: 83 Resp: 144282

Ion Ratio Lower Upper

83 100

85 64.1 51.8 77.6

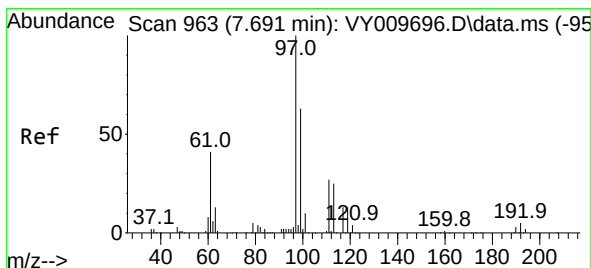
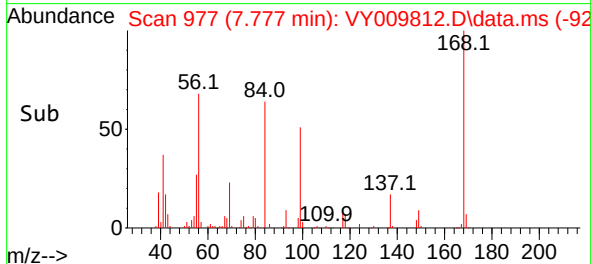
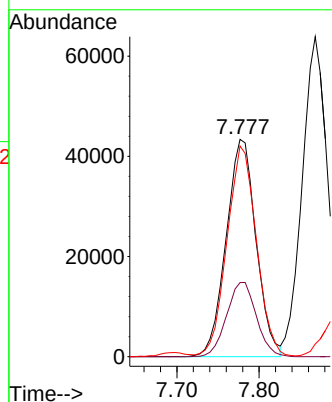
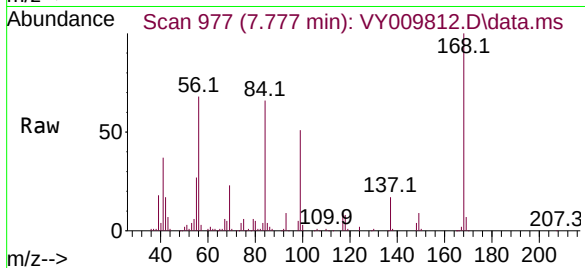




#31
Cyclohexane
Concen: 44.152 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

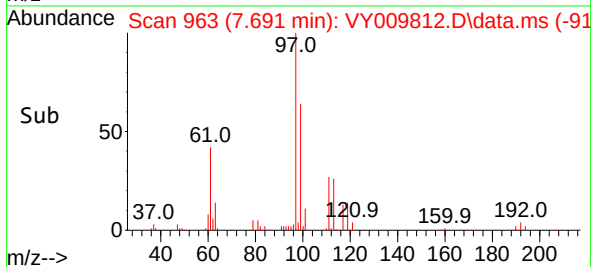
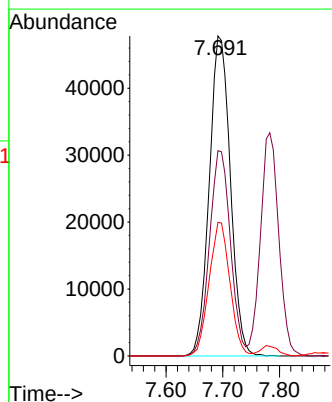
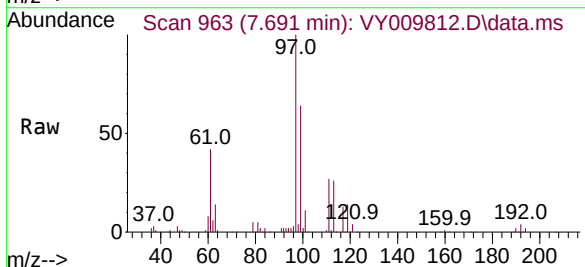
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

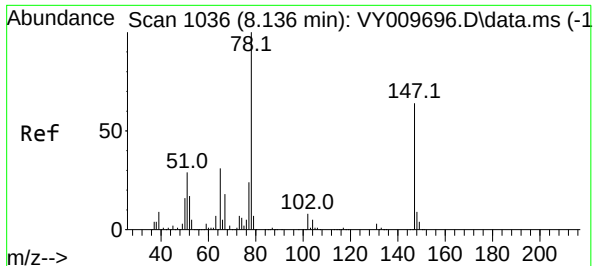
Tgt Ion: 56 Resp: 109619
Ion Ratio Lower Upper
56 100
69 34.1 26.7 40.1
84 95.3 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 50.895 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

Tgt Ion: 97 Resp: 123621
Ion Ratio Lower Upper
97 100
99 63.8 50.7 76.1
61 41.4 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 48.527 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY009812.D

Acq: 01 Aug 2022 21:19

Instrument :

MSVOA_Y

ClientSampleId :

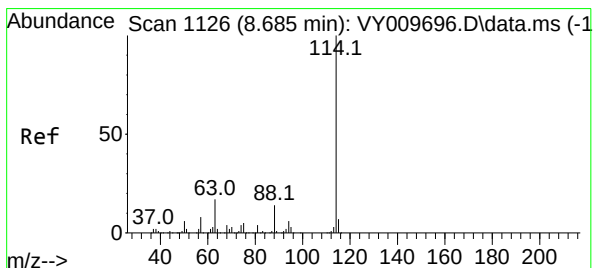
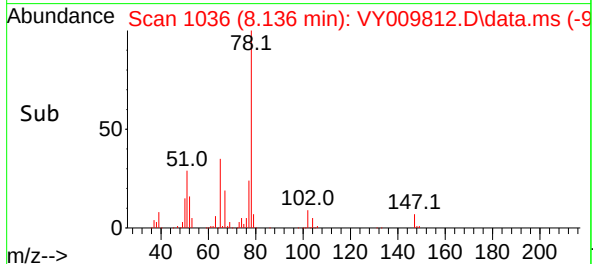
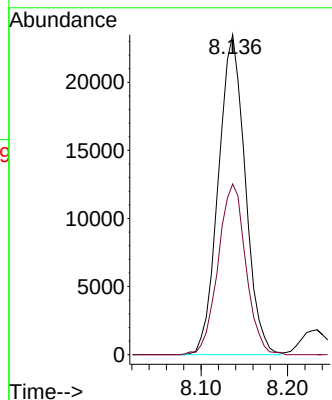
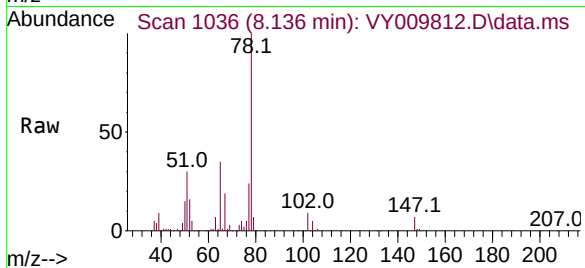
VSTDCCC050EC

Tgt Ion: 65 Resp: 50558

Ion Ratio Lower Upper

65 100

67 55.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009812.D

Acq: 01 Aug 2022 21:19

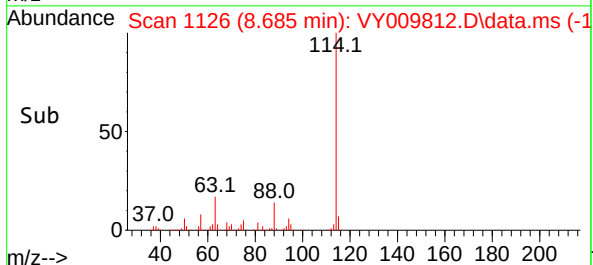
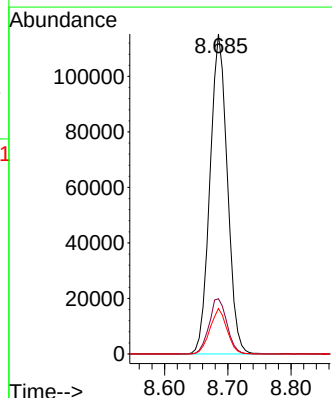
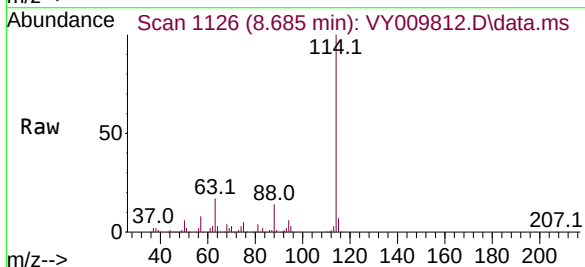
Tgt Ion: 114 Resp: 219734

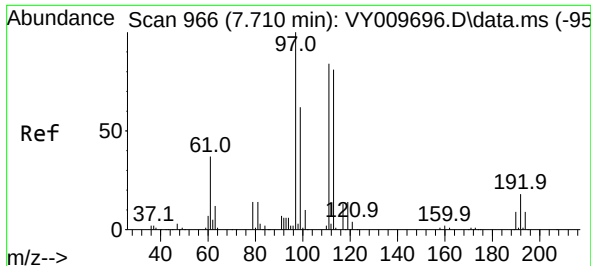
Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 14.2 0.0 31.8

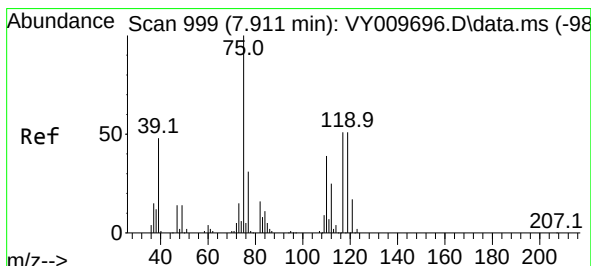
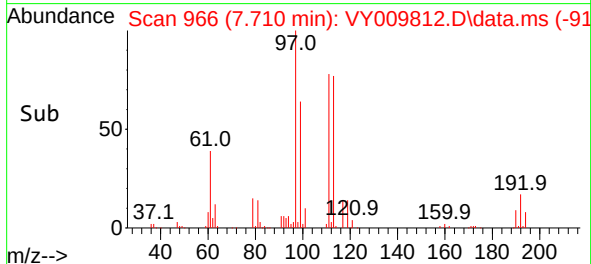
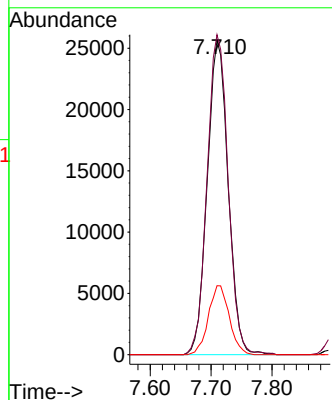
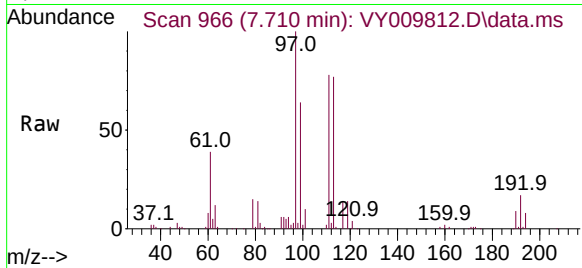




#35
Dibromofluoromethane
Concen: 51.184 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

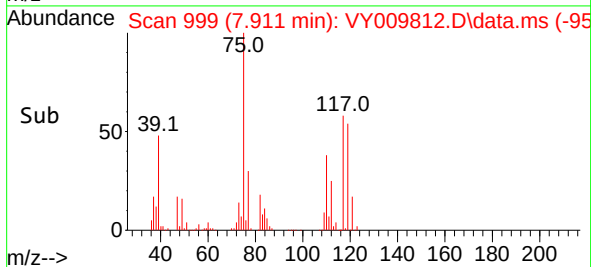
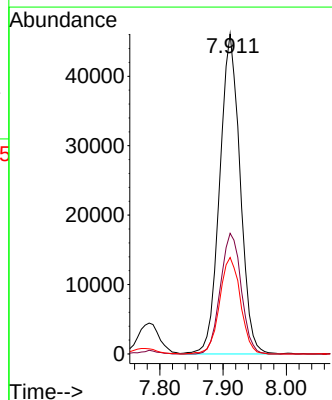
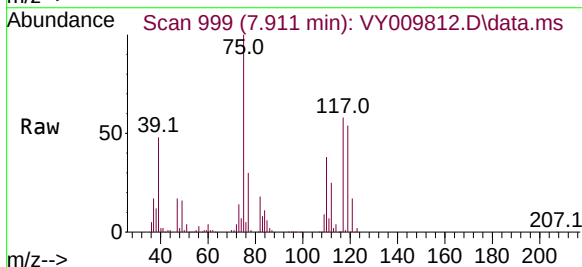
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

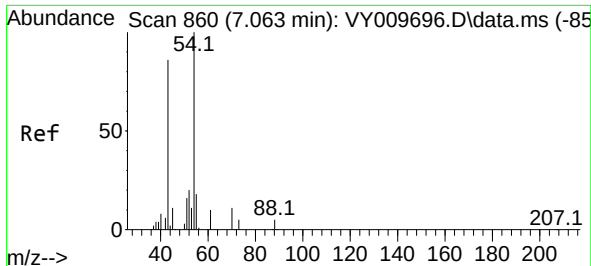
Tgt Ion:113 Resp: 61169
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 21.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 52.892 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

Tgt Ion: 75 Resp: 102853
Ion Ratio Lower Upper
75 100
110 38.5 17.1 51.2
77 30.9 24.4 36.6

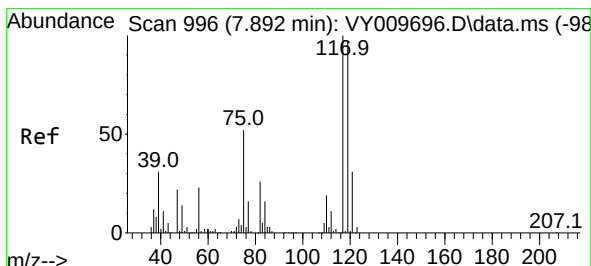
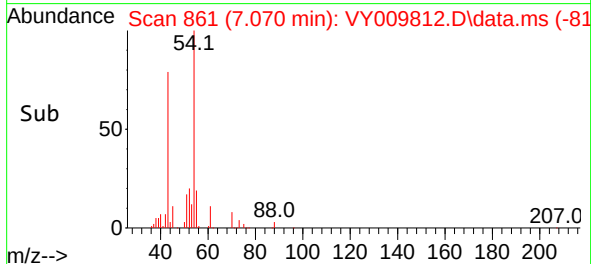
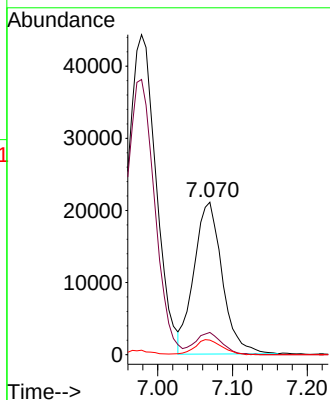
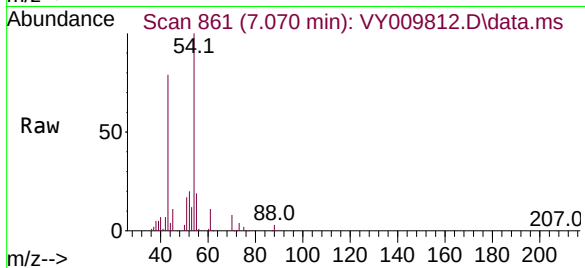




#37
Ethyl Acetate
Concen: 48.081 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.007 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

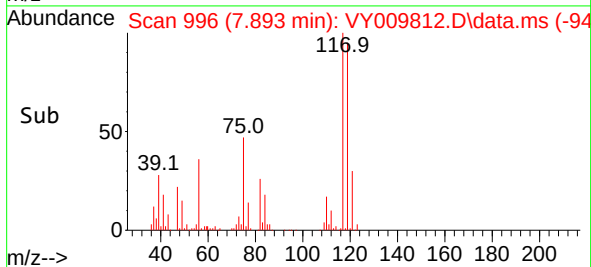
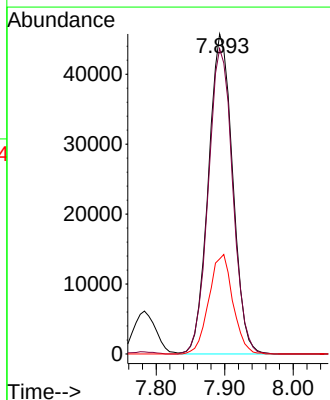
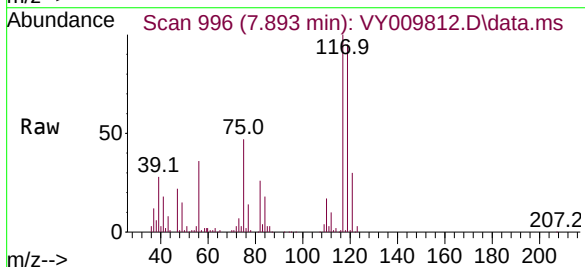
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

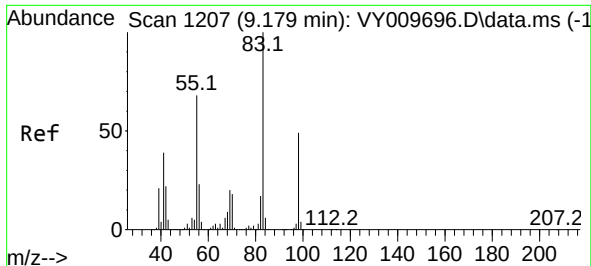
Tgt Ion: 43 Resp: 55415
Ion Ratio Lower Upper
43 100
61 13.9 9.7 14.5
70 9.5 7.1 10.7



#38
Carbon Tetrachloride
Concen: 53.996 ug/l
RT: 7.893 min Scan# 996
Delta R.T. 0.001 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

Tgt Ion: 117 Resp: 112511
Ion Ratio Lower Upper
117 100
119 95.4 77.9 116.9
121 29.7 24.8 37.2





#39

Methylcyclohexane

Concen: 48.754 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009812.D

Acq: 01 Aug 2022 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

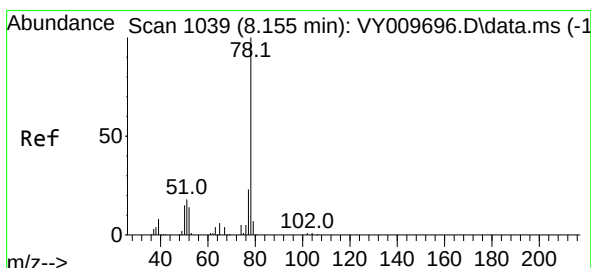
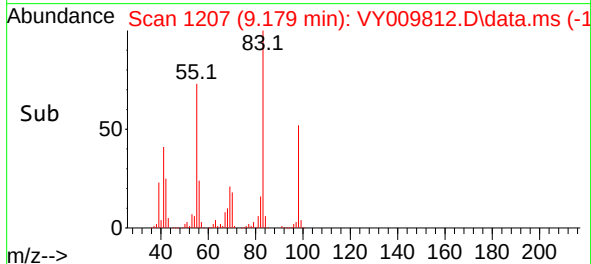
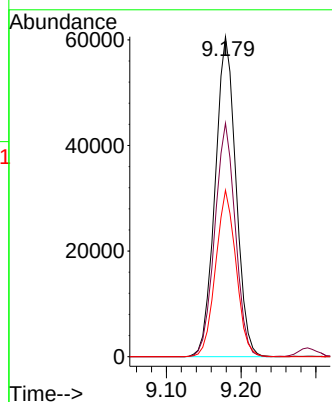
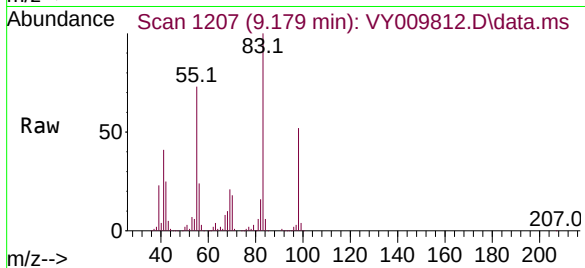
Tgt Ion: 83 Resp: 117440

Ion Ratio Lower Upper

83 100

55 72.9 66.5 99.7

98 52.0 37.9 56.9



#40

Benzene

Concen: 53.848 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009812.D

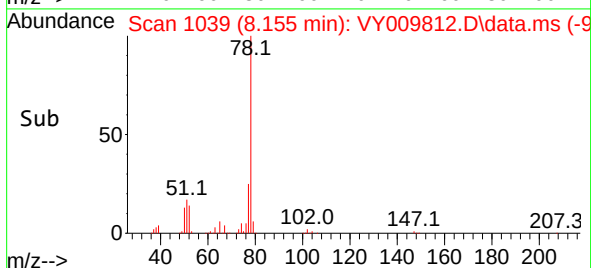
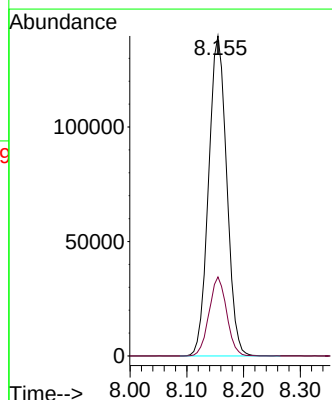
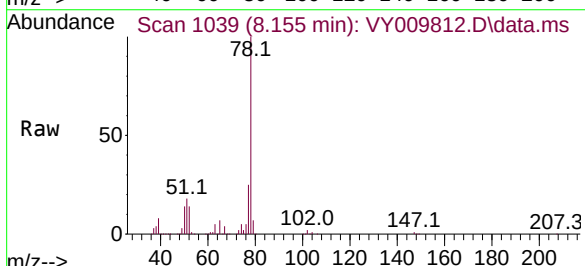
Acq: 01 Aug 2022 21:19

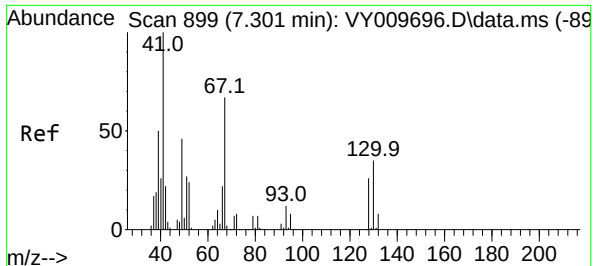
Tgt Ion: 78 Resp: 310260

Ion Ratio Lower Upper

78 100

77 24.7 20.4 30.6

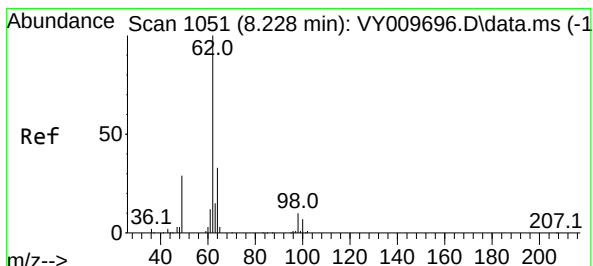
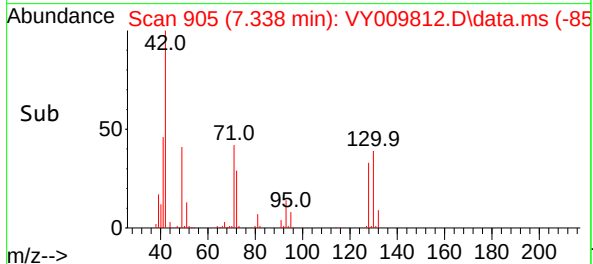
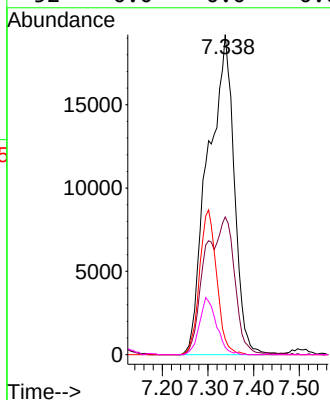
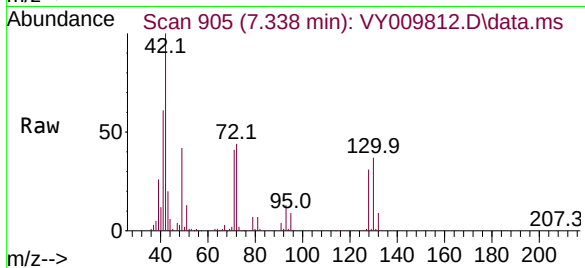




#41
Methacrylonitrile
Concen: 130.294 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.037 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

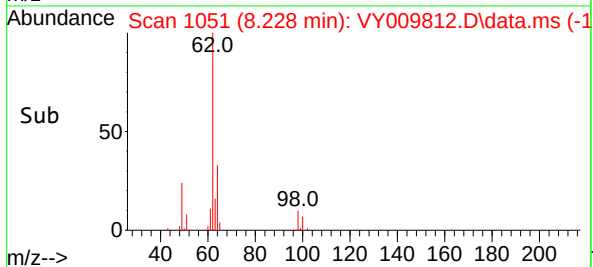
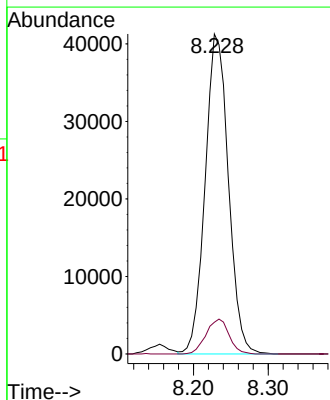
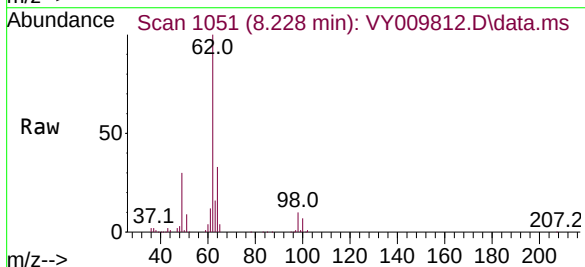
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

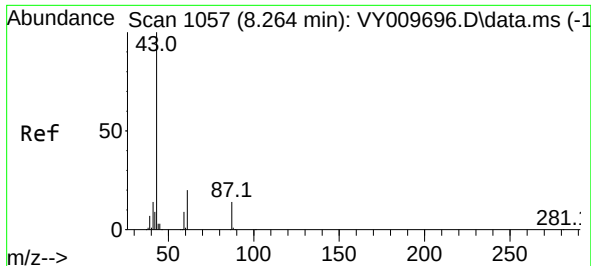
Tgt Ion: 41 Resp: 76509
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 55.557 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

Tgt Ion: 62 Resp: 89246
Ion Ratio Lower Upper
62 100
98 10.8 0.0 14.8

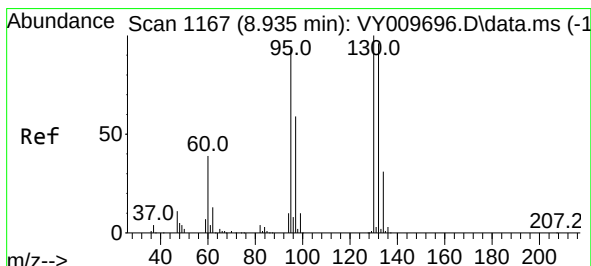
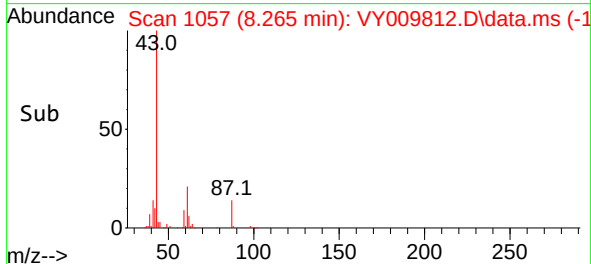
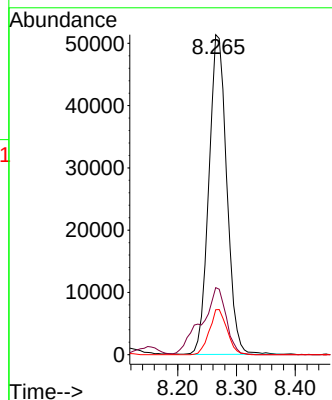
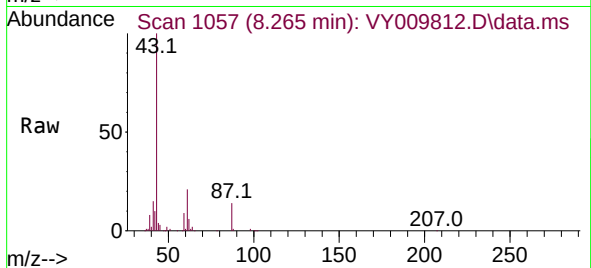




#43
Isopropyl Acetate
Concen: 53.931 ug/l
RT: 8.265 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

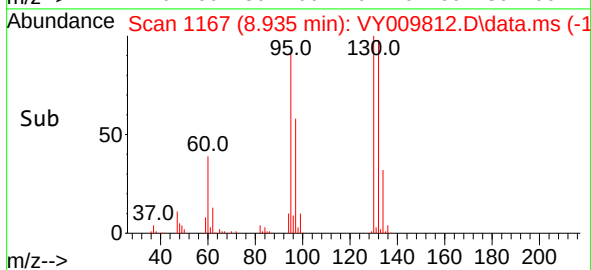
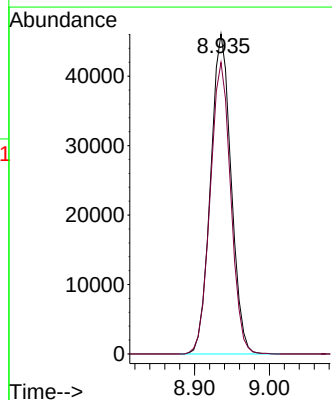
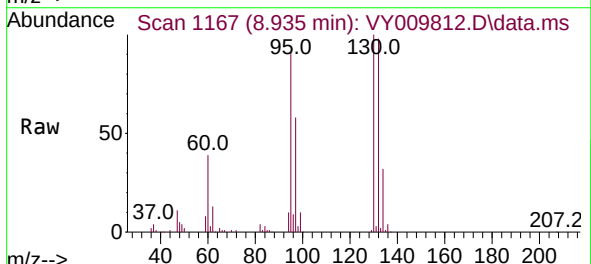
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

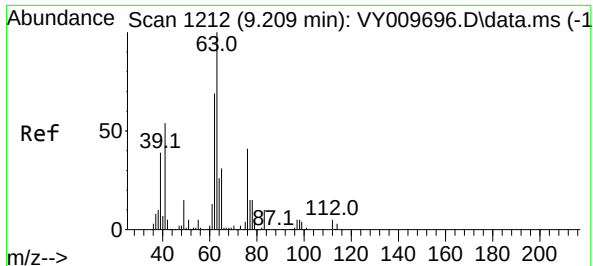
Tgt Ion: 43 Resp: 108597
Ion Ratio Lower Upper
43 100
61 29.0 20.2 30.2
87 14.0 8.9 13.3#



#44
Trichloroethene
Concen: 53.351 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

Tgt Ion:130 Resp: 88182
Ion Ratio Lower Upper
130 100
95 91.1 0.0 188.2





#45

1,2-Dichloropropane

Concen: 54.761 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009812.D

Acq: 01 Aug 2022 21:19

Instrument :

MSVOA_Y

ClientSampleId :

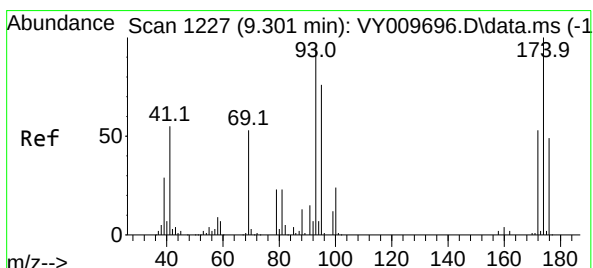
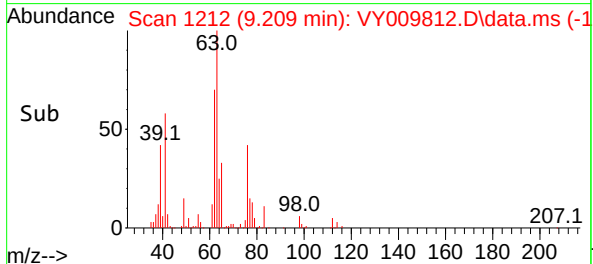
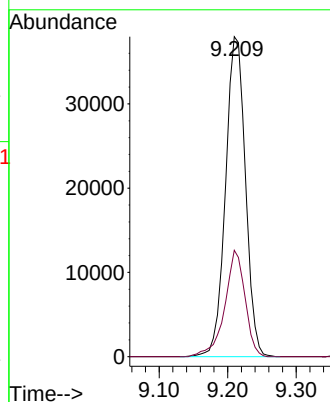
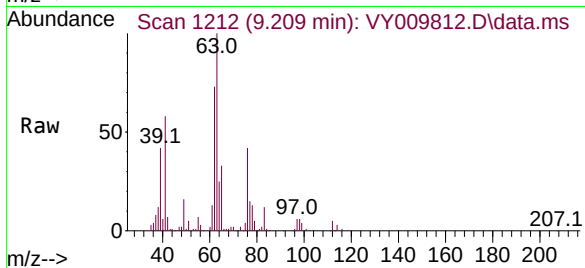
VSTDCCC050EC

Tgt Ion: 63 Resp: 76607

Ion Ratio Lower Upper

63 100

65 33.3 23.0 34.6



#46

Dibromomethane

Concen: 54.961 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009812.D

Acq: 01 Aug 2022 21:19

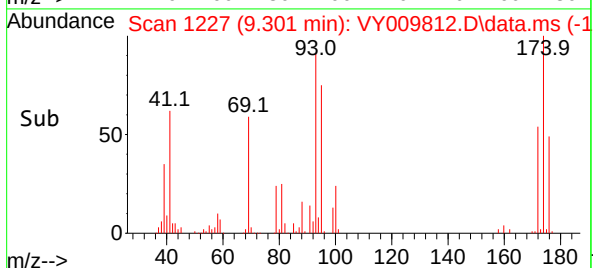
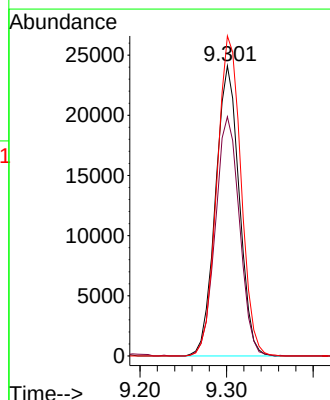
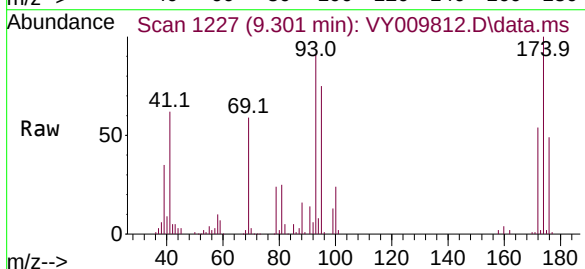
Tgt Ion: 93 Resp: 45744

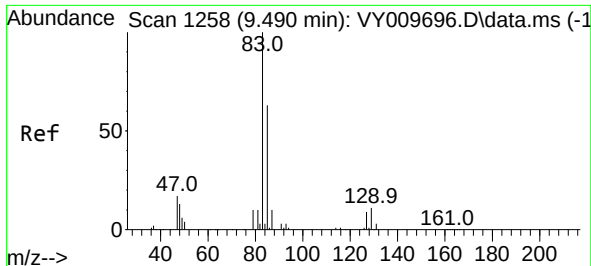
Ion Ratio Lower Upper

93 100

95 83.7 64.3 96.5

174 112.0 83.4 125.0

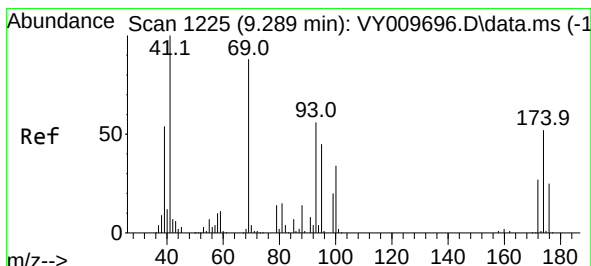
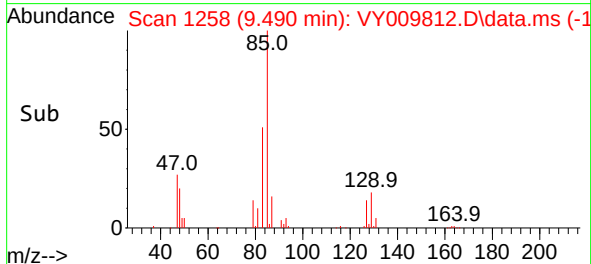
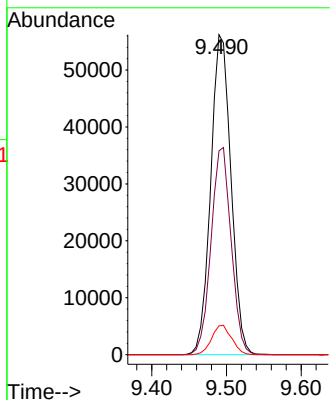
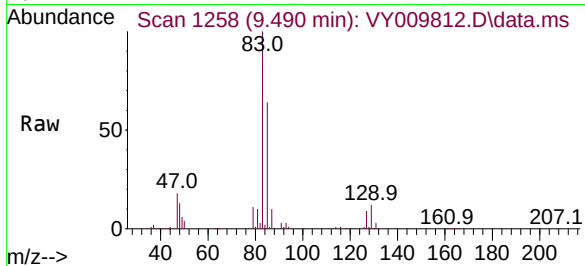




#47
Bromodichloromethane
Concen: 55.511 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

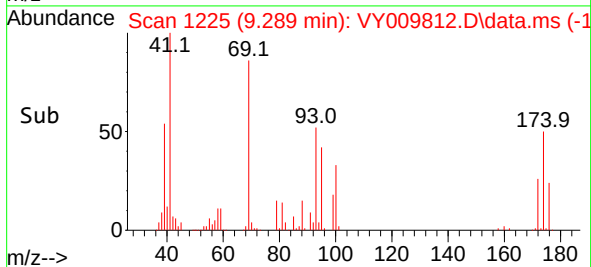
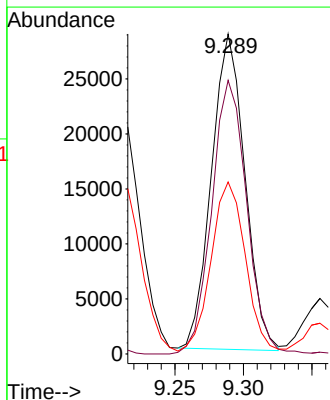
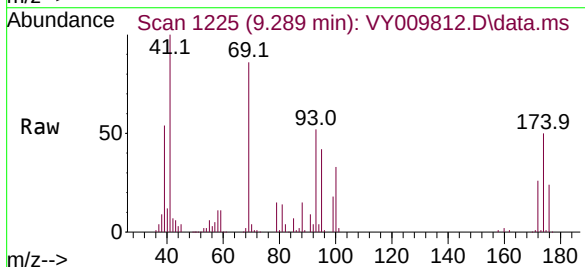
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

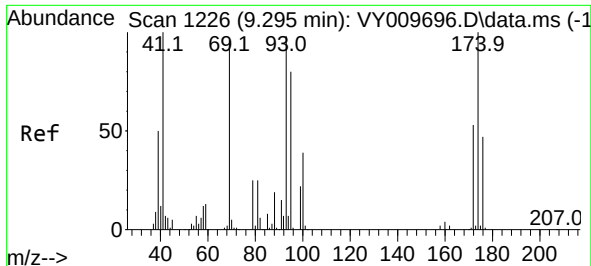
Tgt Ion: 83 Resp: 106140
Ion Ratio Lower Upper
83 100
85 63.7 51.9 77.9
127 9.0 6.6 10.0



#48
Methyl methacrylate
Concen: 54.942 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

Tgt Ion: 41 Resp: 48649
Ion Ratio Lower Upper
41 100
69 90.7 58.2 87.2#
39 54.9 47.4 71.0





#49

1,4-Dioxane

Concen: 1009.795 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY009812.D

Acq: 01 Aug 2022 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

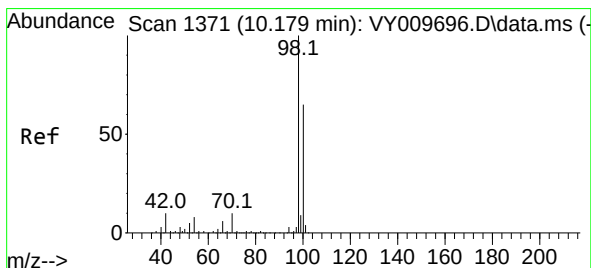
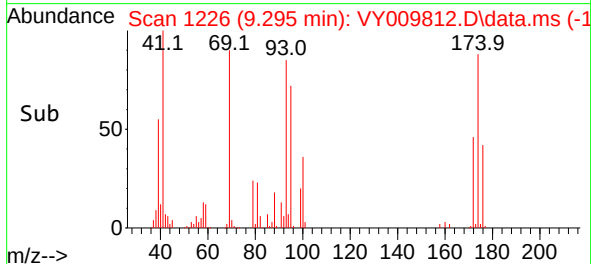
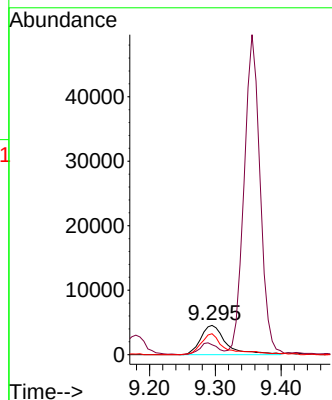
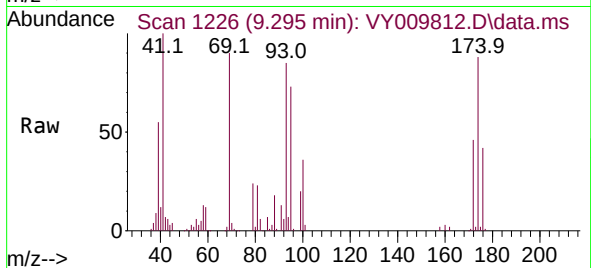
Tgt Ion: 88 Resp: 12246

Ion Ratio Lower Upper

88 100

43 28.6 32.8 49.2#

58 66.4 59.8 89.6



#50

Toluene-d8

Concen: 47.894 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY009812.D

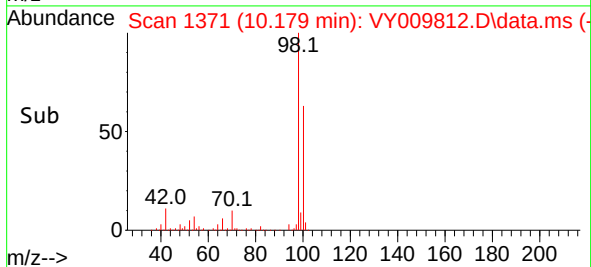
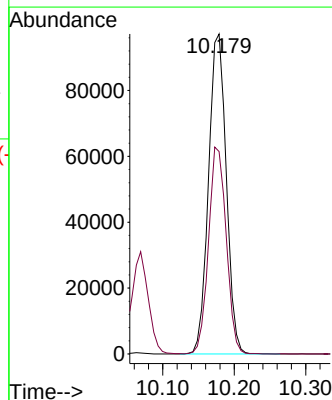
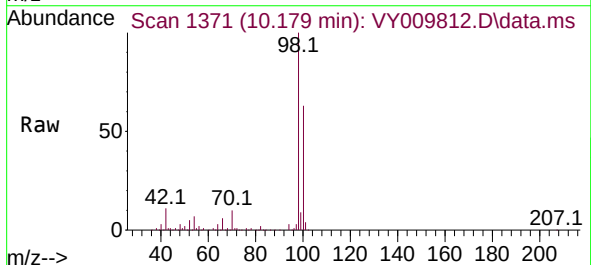
Acq: 01 Aug 2022 21:19

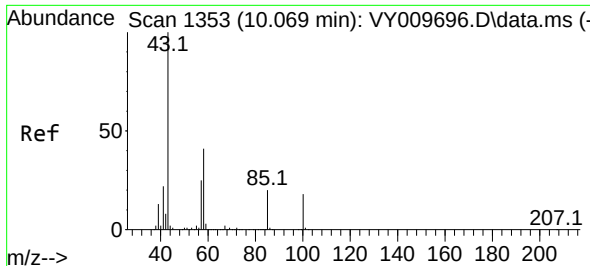
Tgt Ion: 98 Resp: 167317

Ion Ratio Lower Upper

98 100

100 64.6 50.2 75.2

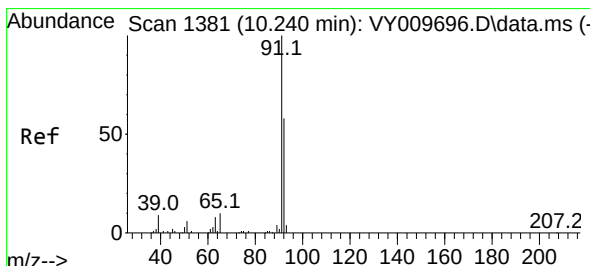
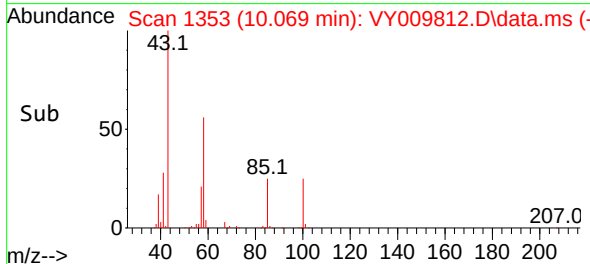
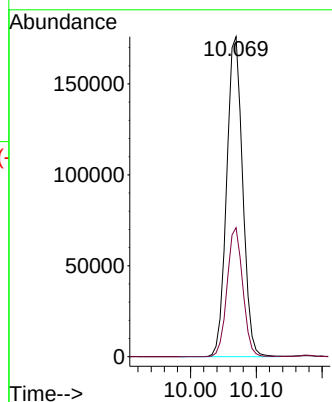
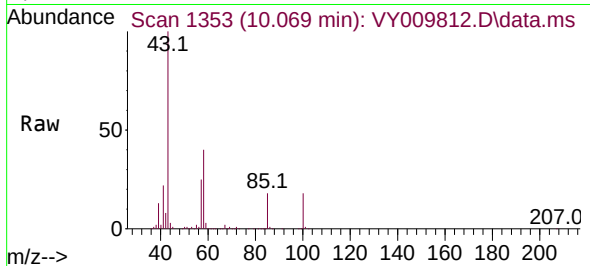




#51
4-Methyl-2-Pentanone
Concen: 290.900 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

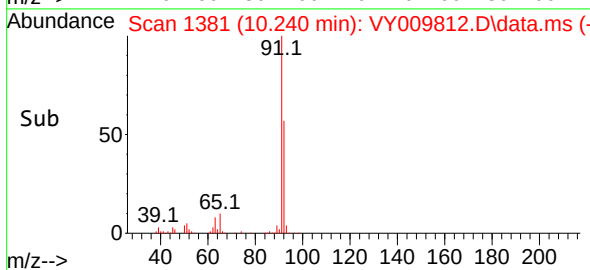
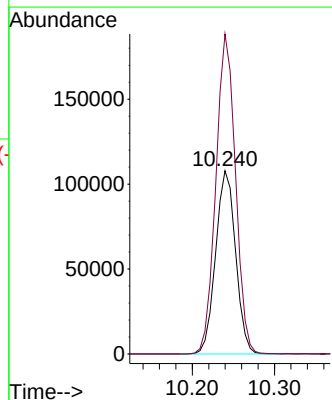
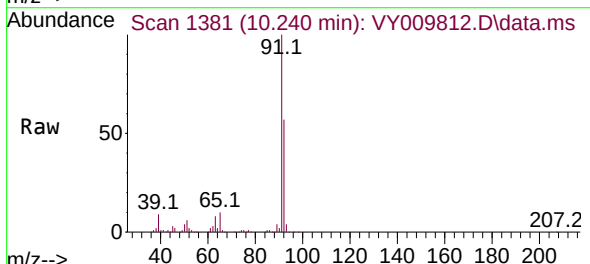
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

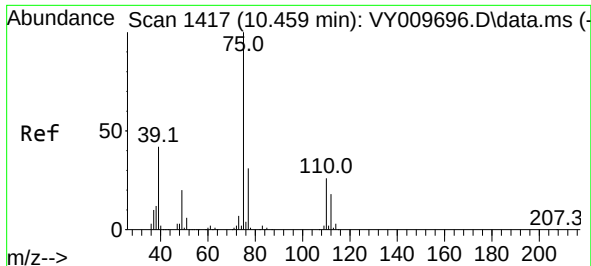
Tgt Ion: 43 Resp: 297989
Ion Ratio Lower Upper
43 100
58 39.5 28.1 42.1



#52
Toluene
Concen: 50.395 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

Tgt Ion: 92 Resp: 181876
Ion Ratio Lower Upper
92 100
91 171.9 142.6 213.8

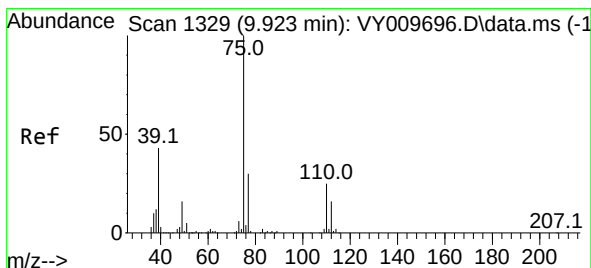
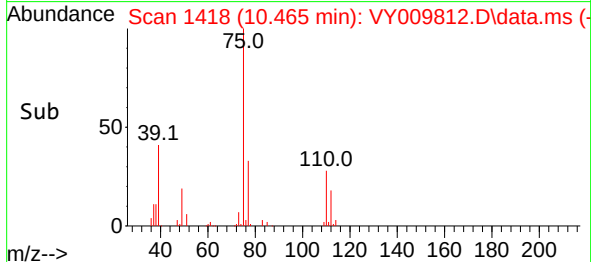
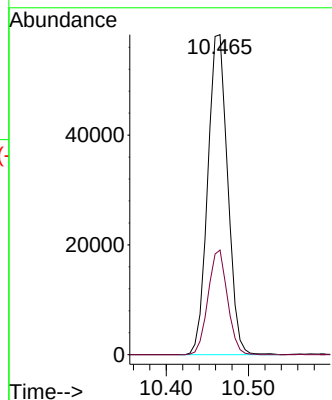
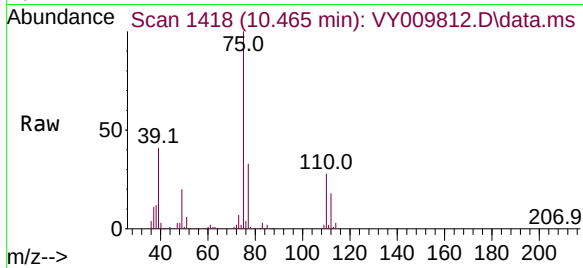




#53
 t-1,3-Dichloropropene
 Concen: 49.533 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY009812.D
 Acq: 01 Aug 2022 21:19

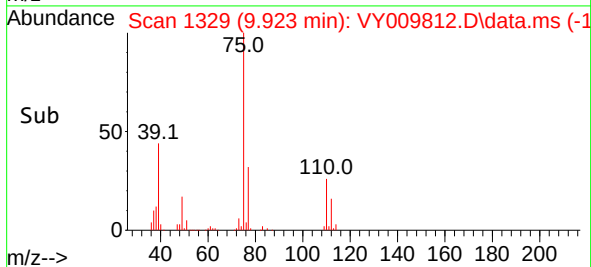
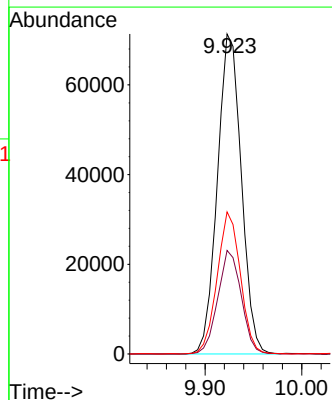
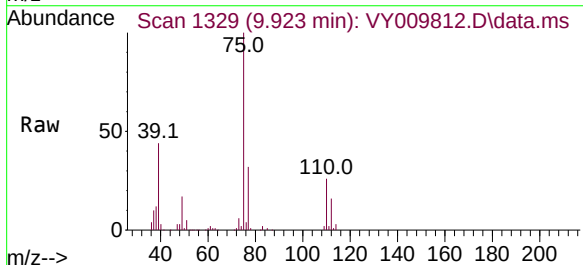
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

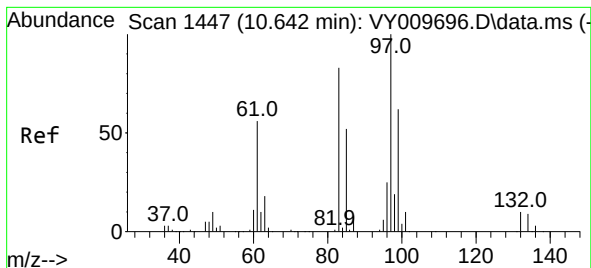
Tgt Ion: 75 Resp: 97808
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 54.041 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY009812.D
 Acq: 01 Aug 2022 21:19

Tgt Ion: 75 Resp: 122558
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.6 38.4
 39 44.4 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 51.582 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY009812.D

Acq: 01 Aug 2022 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 60703

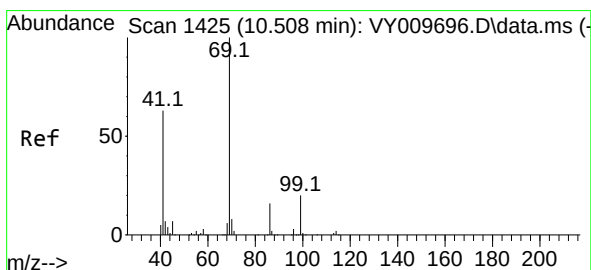
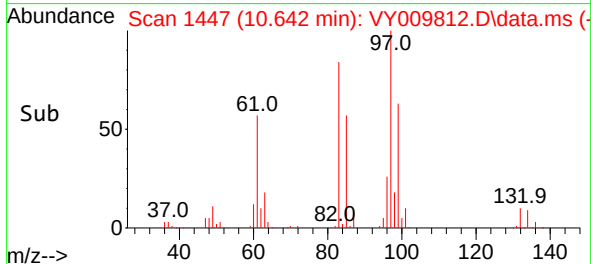
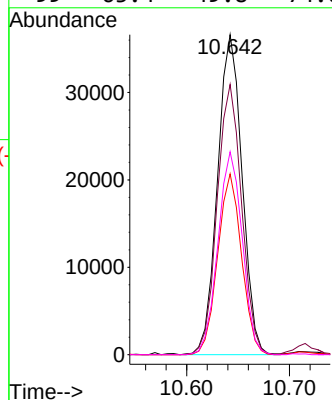
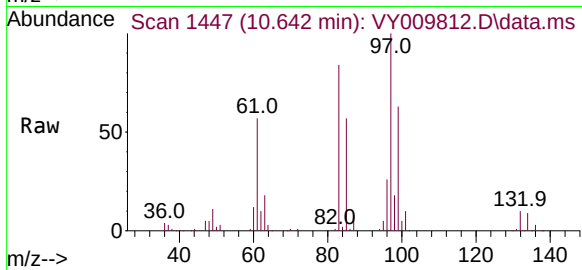
Ion Ratio Lower Upper

97 100

83 84.5 69.8 104.8

85 56.5 44.3 66.5

99 63.4 49.8 74.6



#56

Ethyl methacrylate

Concen: 52.370 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY009812.D

Acq: 01 Aug 2022 21:19

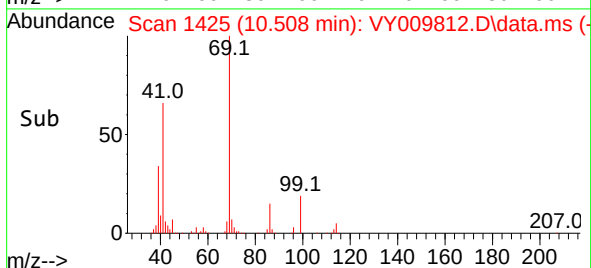
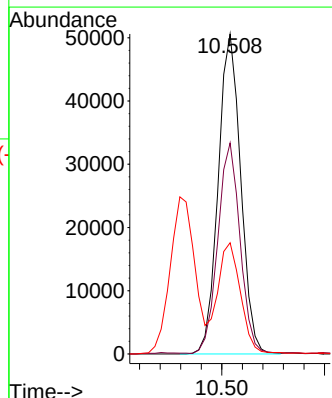
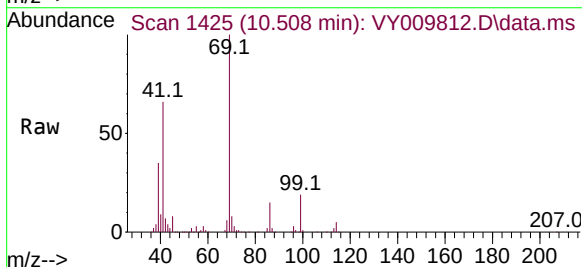
Tgt Ion: 69 Resp: 76780

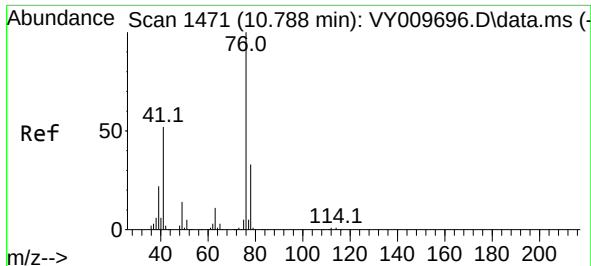
Ion Ratio Lower Upper

69 100

41 64.7 63.4 95.0

39 35.5 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 51.867 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009812.D

Acq: 01 Aug 2022 21:19

Instrument :

MSVOA_Y

ClientSampleId :

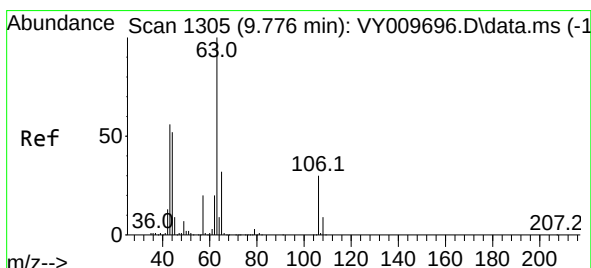
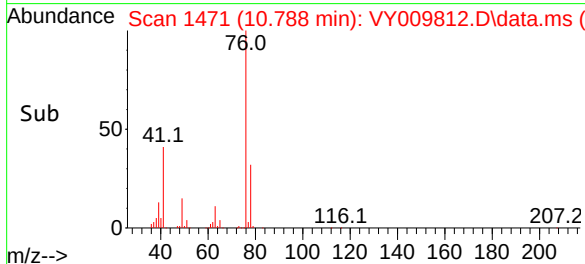
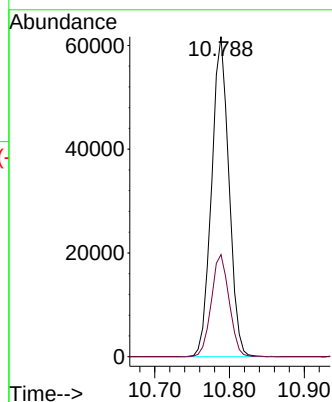
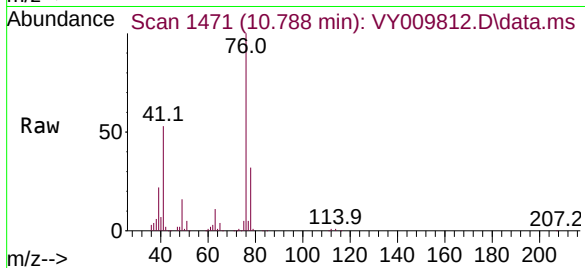
VSTDCCC050EC

Tgt Ion: 76 Resp: 99269

Ion Ratio Lower Upper

76 100

78 32.8 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 254.028 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.007 min

Lab File: VY009812.D

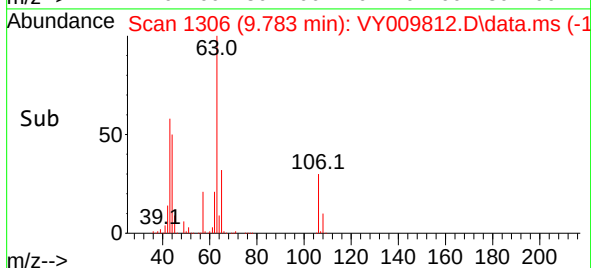
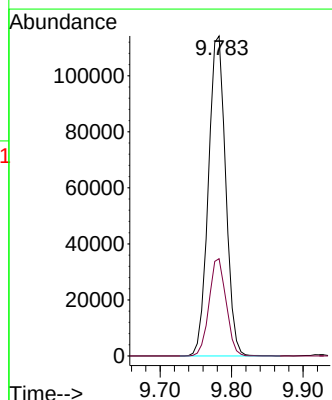
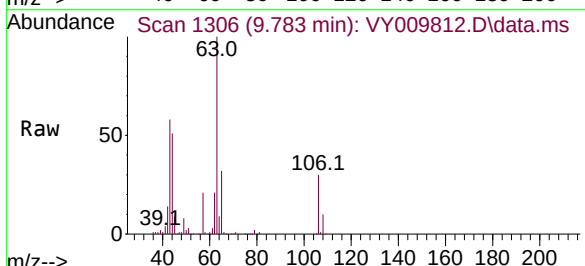
Acq: 01 Aug 2022 21:19

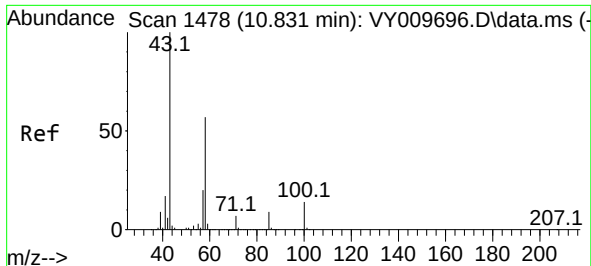
Tgt Ion: 63 Resp: 191313

Ion Ratio Lower Upper

63 100

106 30.0 21.5 32.3

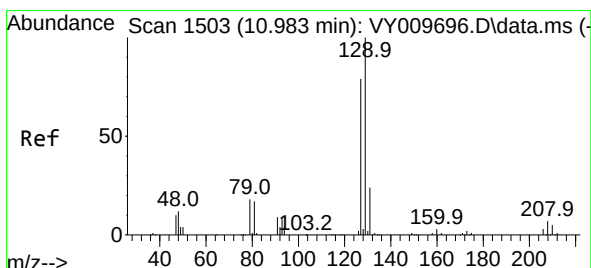
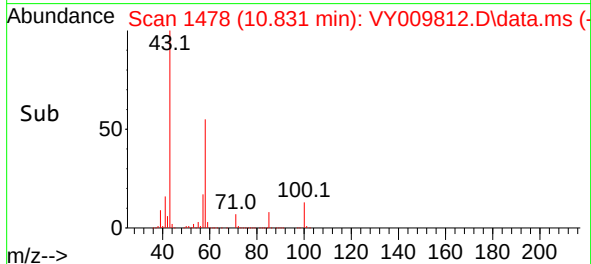
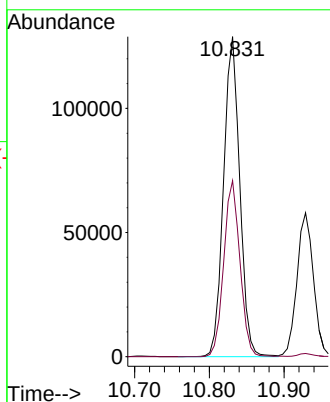
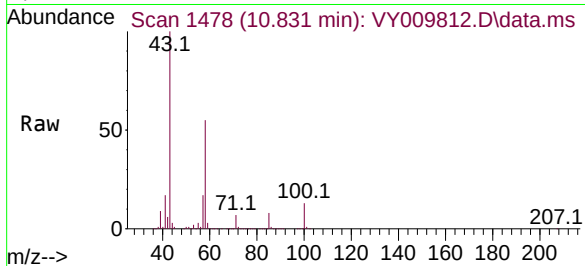




#59
2-Hexanone
Concen: 266.137 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

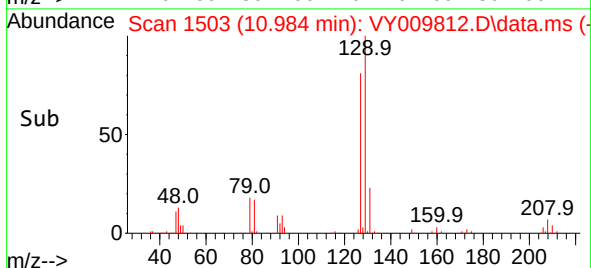
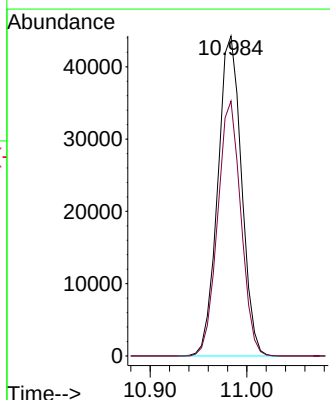
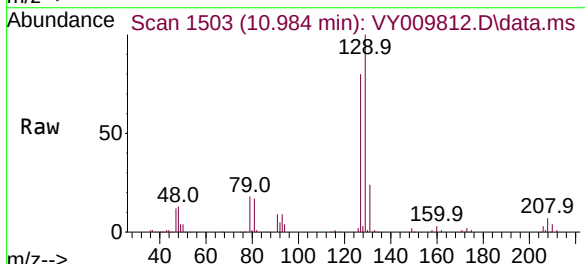
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

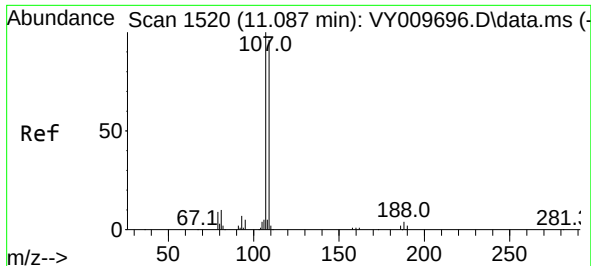
Tgt Ion: 43 Resp: 194290
Ion Ratio Lower Upper
43 100
58 54.9 24.4 73.4



#60
Dibromochloromethane
Concen: 52.867 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

Tgt Ion: 129 Resp: 75248
Ion Ratio Lower Upper
129 100
127 78.0 38.7 116.1

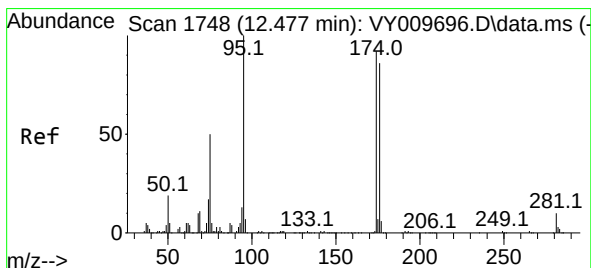
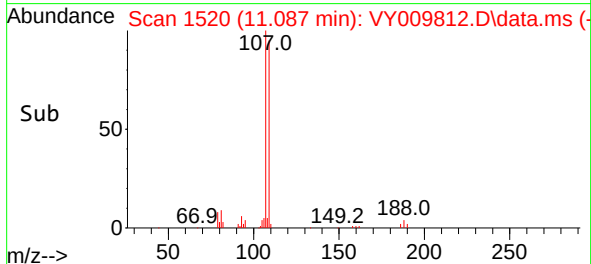
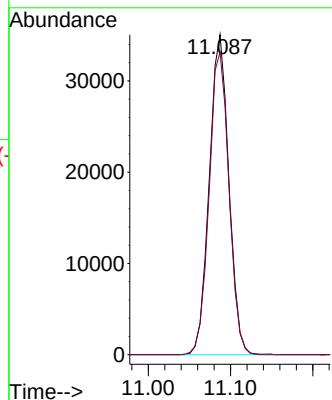
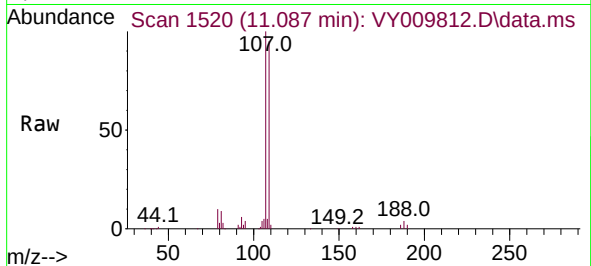




#61
1,2-Dibromoethane
Concen: 50.470 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

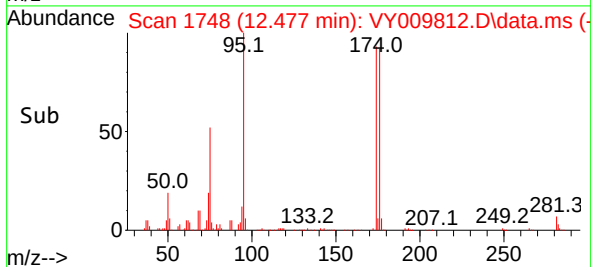
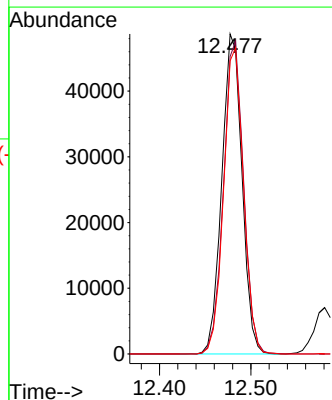
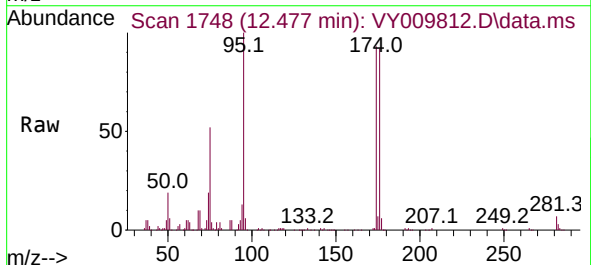
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

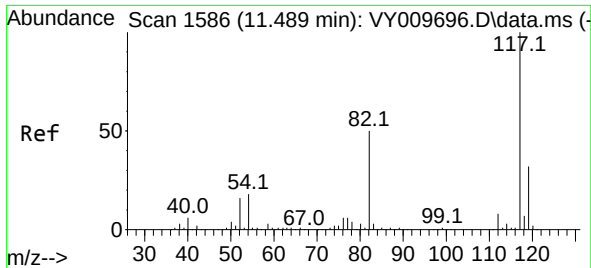
Tgt Ion:107 Resp: 57855
Ion Ratio Lower Upper
107 100
109 95.6 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 47.233 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

Tgt Ion: 95 Resp: 74848
Ion Ratio Lower Upper
95 100
174 96.9 0.0 177.0
176 94.1 0.0 175.8

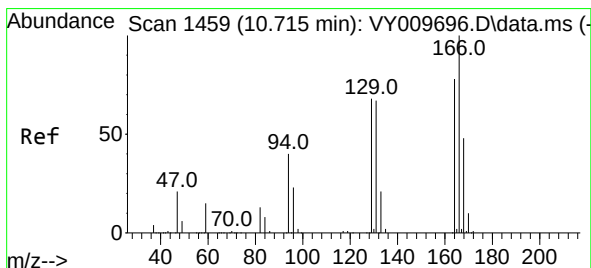
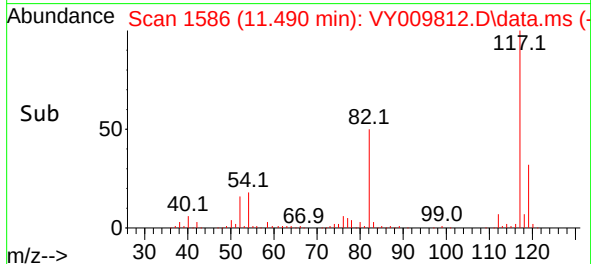
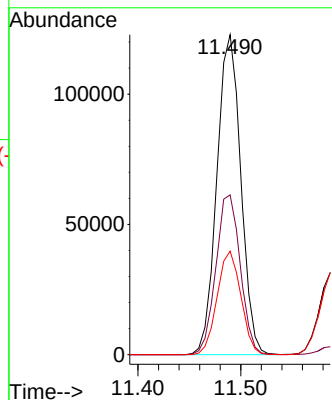
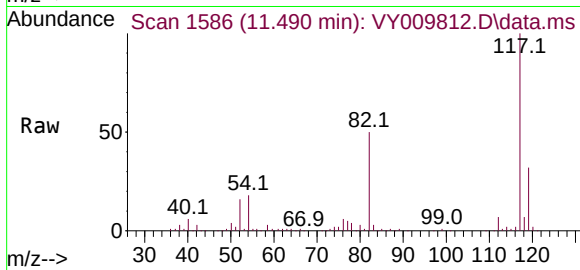




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

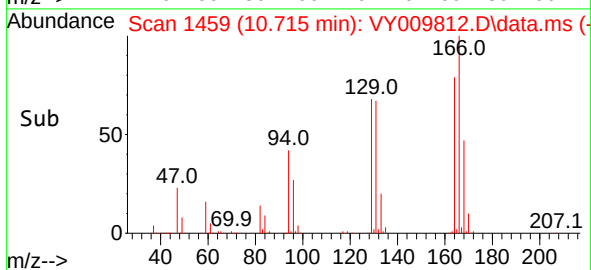
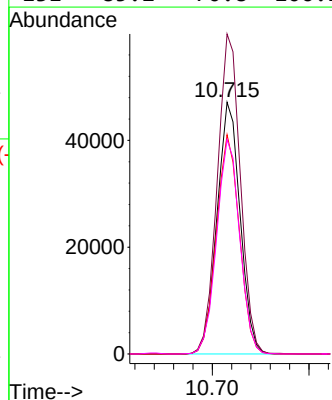
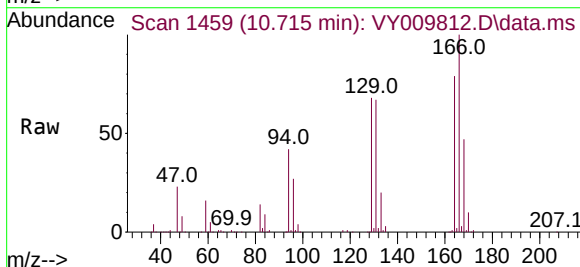
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

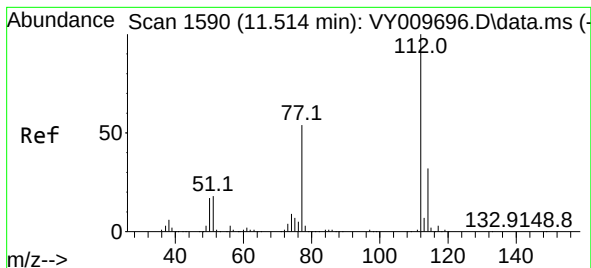
Tgt Ion:117 Resp: 198501
Ion Ratio Lower Upper
117 100
82 49.9 43.0 64.4
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 49.869 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

Tgt Ion:164 Resp: 78051
Ion Ratio Lower Upper
164 100
166 127.2 100.4 150.6
129 87.1 71.4 107.0
131 85.2 70.8 106.2

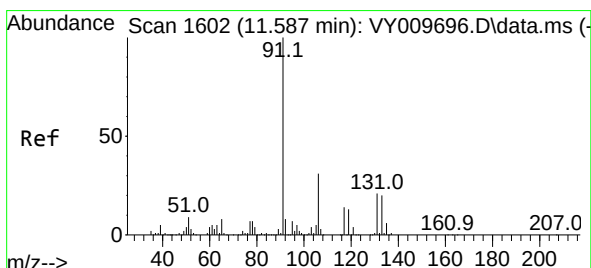
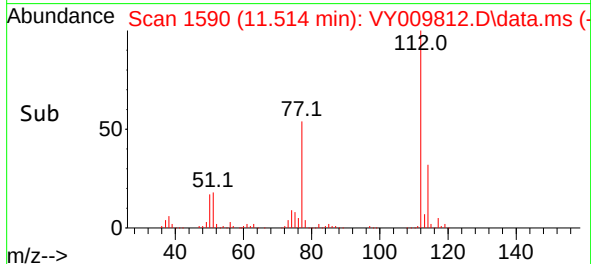
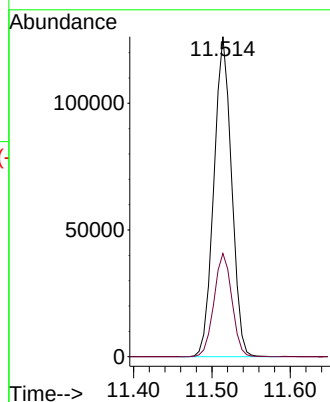
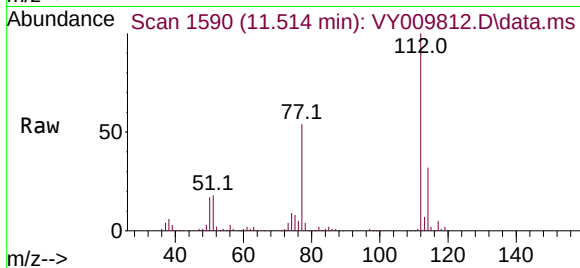




#65
Chlorobenzene
Concen: 49.792 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

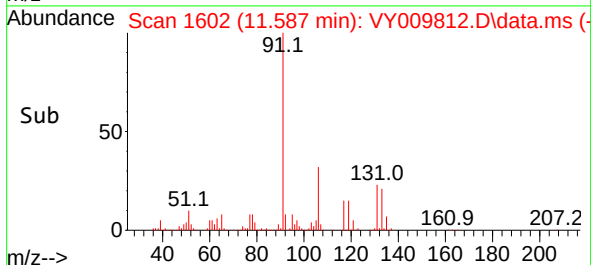
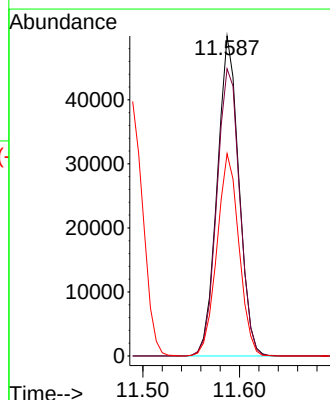
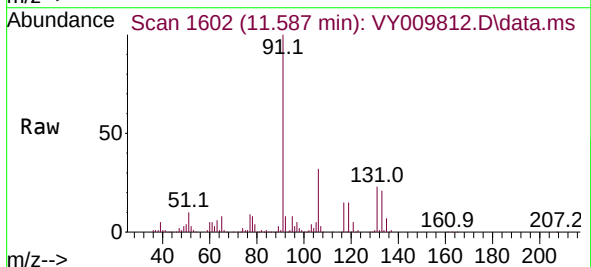
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

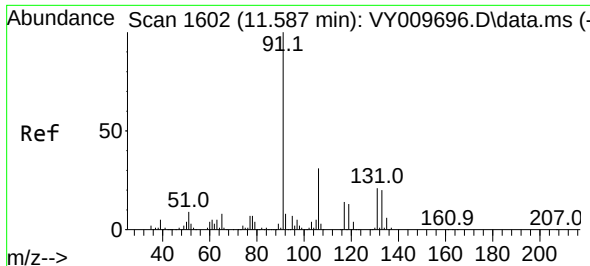
Tgt Ion:112 Resp: 198333
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.466 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

Tgt Ion:131 Resp: 77770
Ion Ratio Lower Upper
131 100
133 94.6 47.9 143.6
119 64.1 30.8 92.3





#67

Ethyl Benzene

Concen: 50.000 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY009812.D

Acq: 01 Aug 2022 21:19

Instrument :

MSVOA_Y

ClientSampleId :

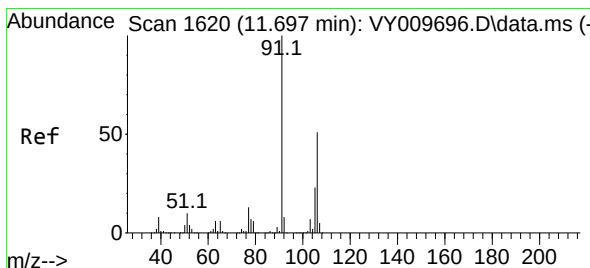
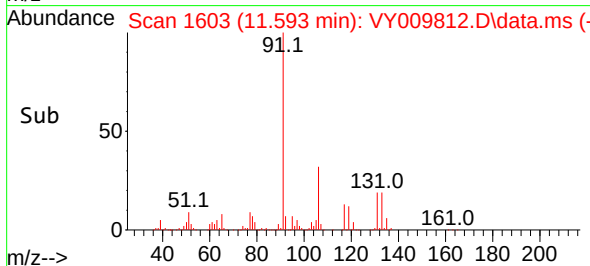
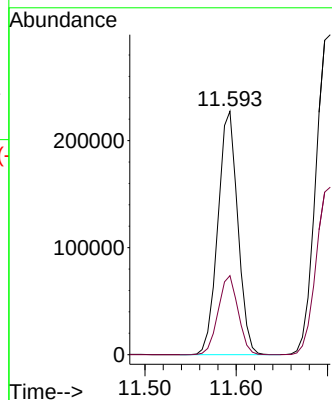
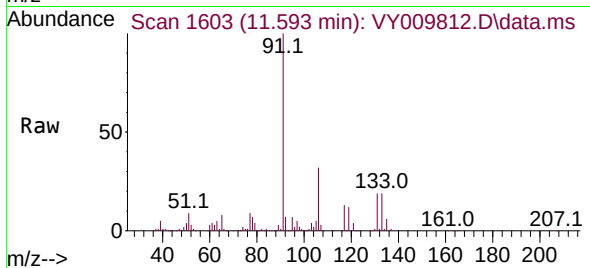
VSTDCCC050EC

Tgt Ion: 91 Resp: 344251

Ion Ratio Lower Upper

91 100

106 32.5 24.5 36.7



#68

m/p-Xylenes

Concen: 103.020 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY009812.D

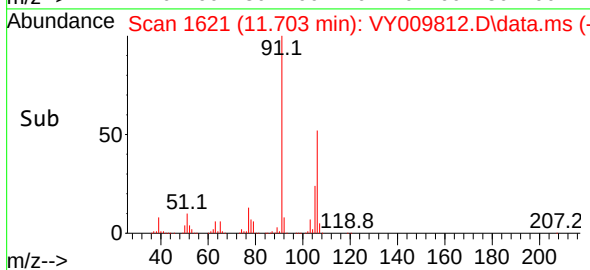
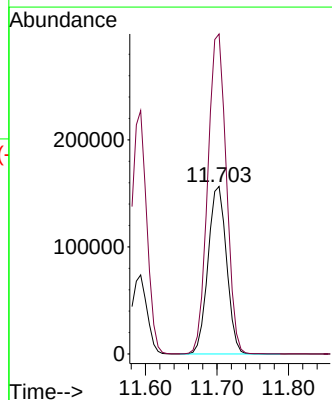
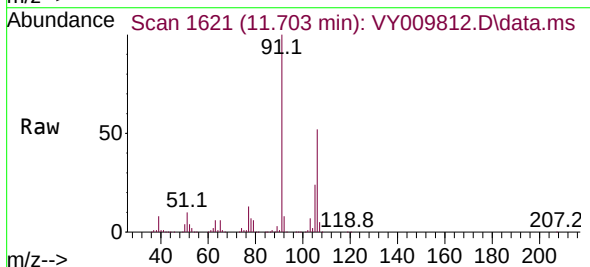
Acq: 01 Aug 2022 21:19

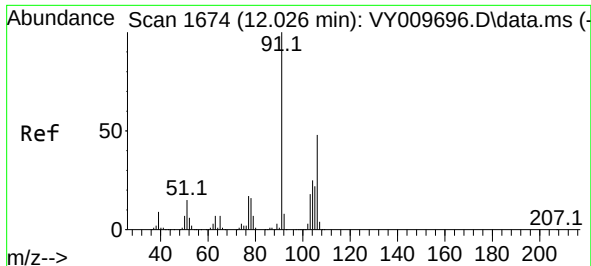
Tgt Ion:106 Resp: 281563

Ion Ratio Lower Upper

106 100

91 191.3 166.6 249.8

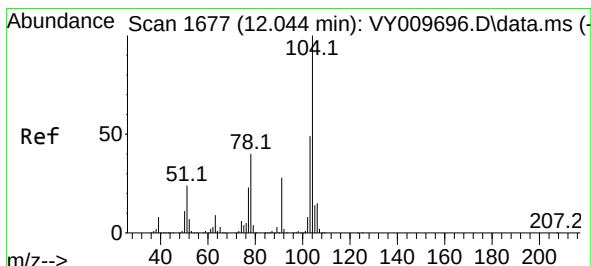
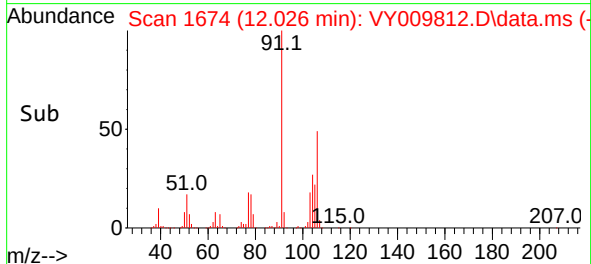
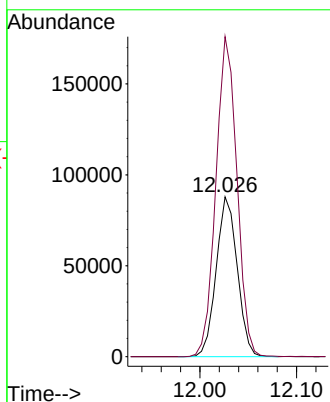
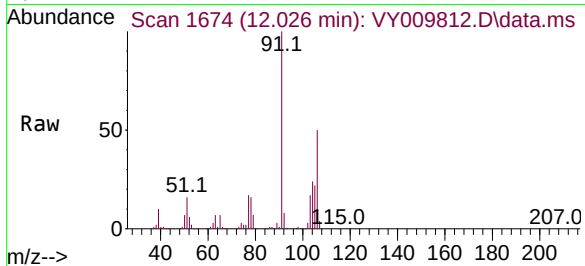




#69
o-Xylene
Concen: 51.892 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

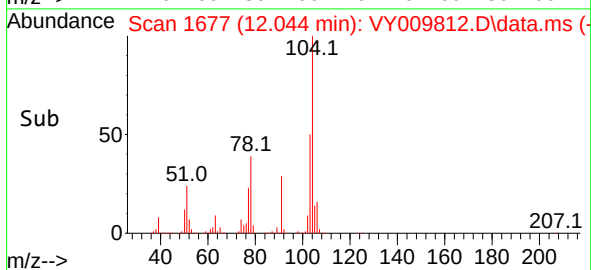
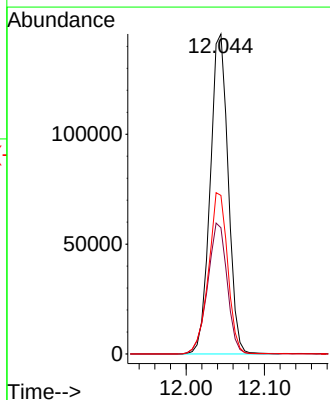
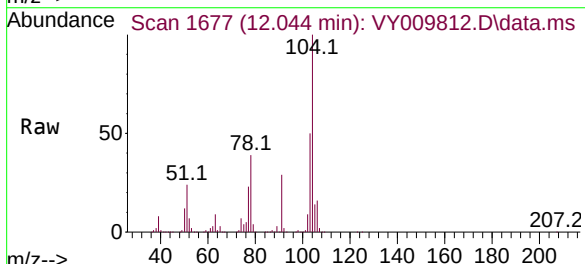
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

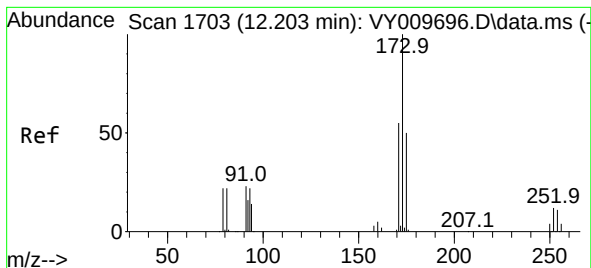
Tgt Ion:106 Resp: 132630
Ion Ratio Lower Upper
106 100
91 200.3 110.3 331.0



#70
Styrene
Concen: 53.995 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

Tgt Ion:104 Resp: 231944
Ion Ratio Lower Upper
104 100
78 44.4 42.4 63.6
103 53.8 44.4 66.6





#71

Bromoform

Concen: 54.578 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009812.D

Acq: 01 Aug 2022 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

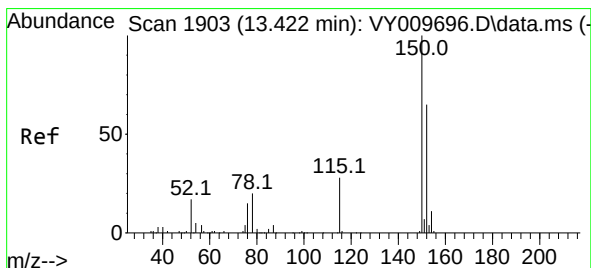
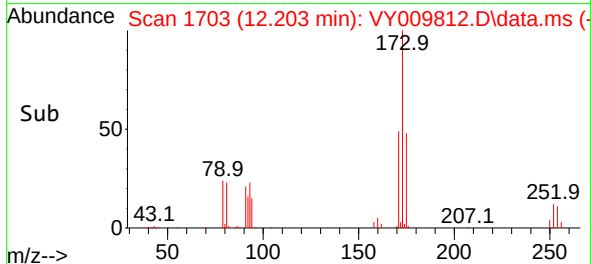
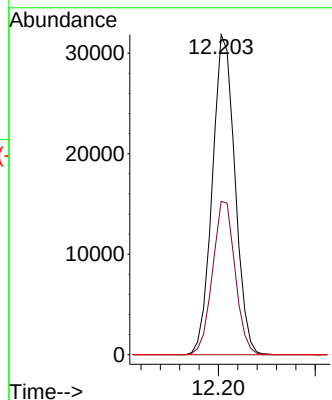
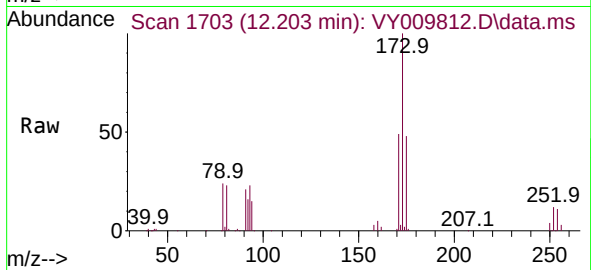
Tgt Ion:173 Resp: 51660

Ion Ratio Lower Upper

173 100

175 47.8 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009812.D

Acq: 01 Aug 2022 21:19

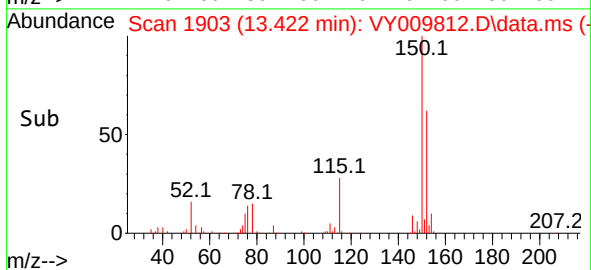
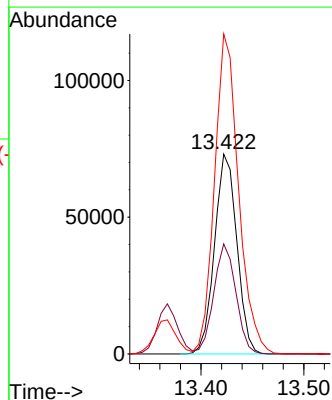
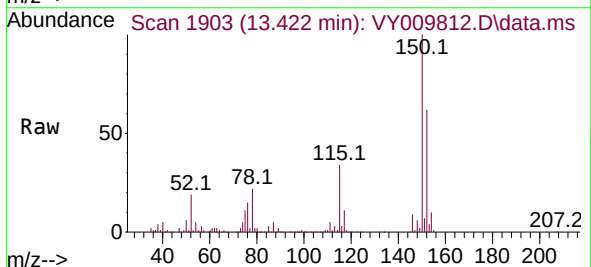
Tgt Ion:152 Resp: 110050

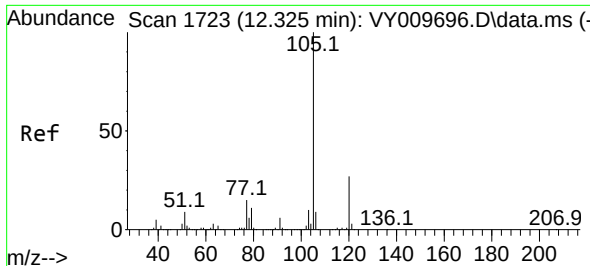
Ion Ratio Lower Upper

152 100

115 54.6 28.2 84.7

150 172.5 0.0 347.6

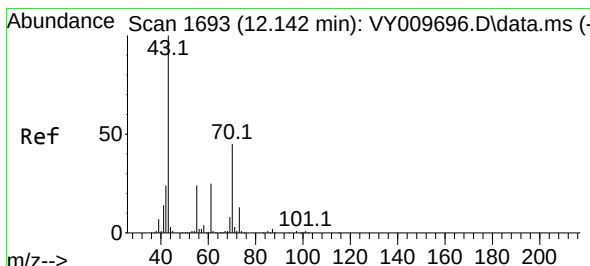
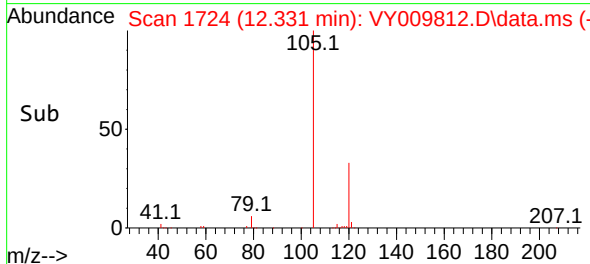
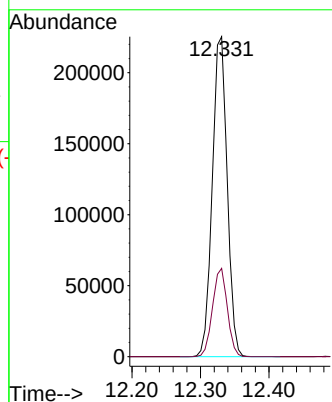
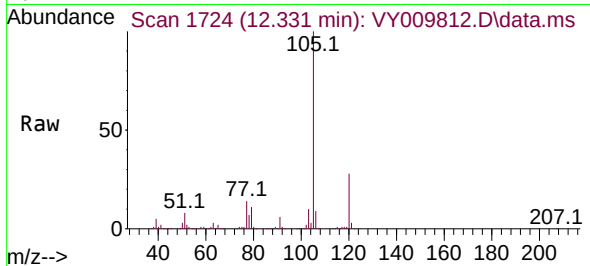




#73
Isopropylbenzene
Concen: 46.535 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

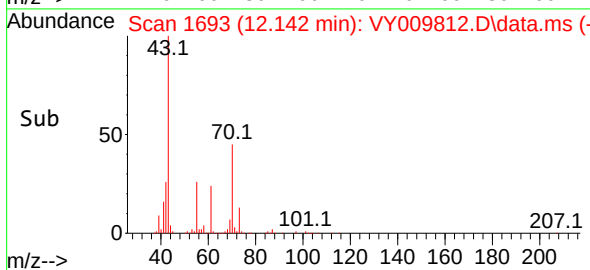
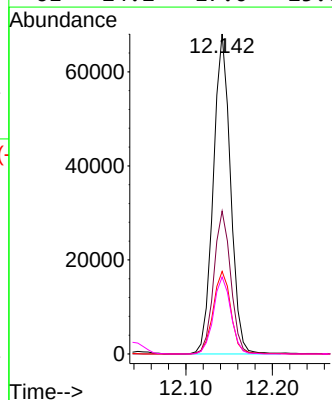
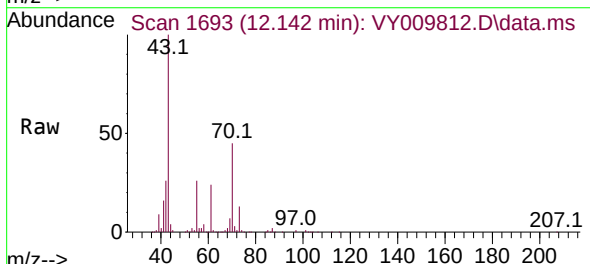
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

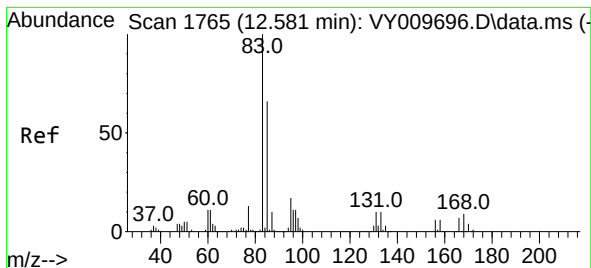
Tgt Ion:105 Resp: 340433
Ion Ratio Lower Upper
105 100
120 27.4 13.4 40.2



#74
N-ethyl acetate
Concen: 49.782 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

Tgt Ion: 43 Resp: 94069
Ion Ratio Lower Upper
43 100
70 44.0 28.7 43.1#
55 26.6 17.3 25.9#
61 24.2 17.0 25.6





#75

1,1,2-Tetrachloroethane

Concen: 49.144 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY009812.D

Acq: 01 Aug 2022 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

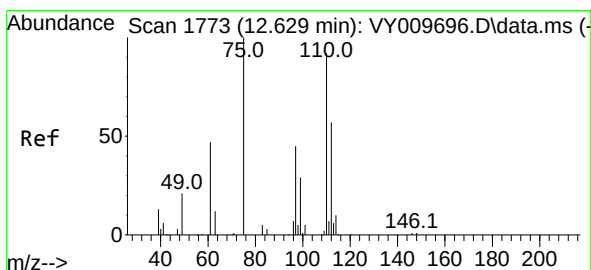
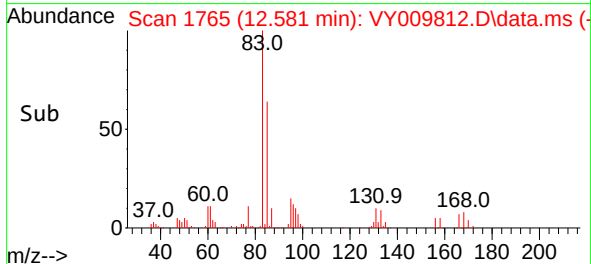
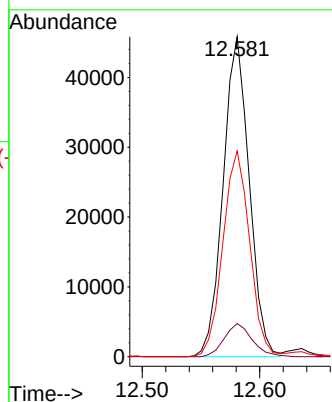
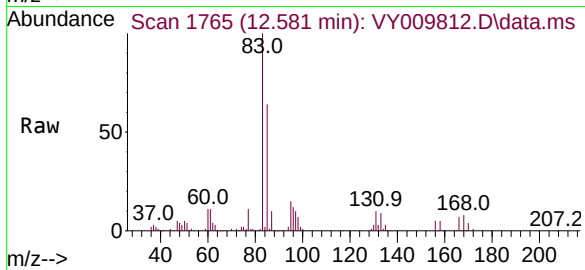
Tgt Ion: 83 Resp: 70717

Ion Ratio Lower Upper

83 100

131 11.0 5.6 16.8

85 65.9 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 89.469 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.001 min

Lab File: VY009812.D

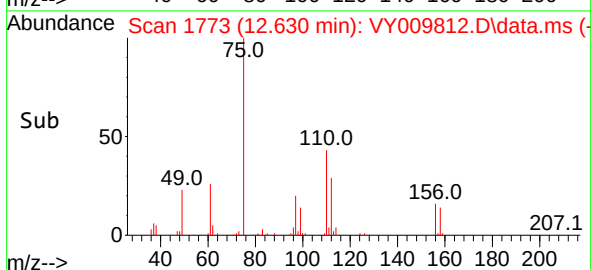
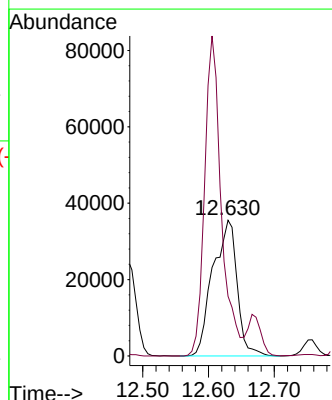
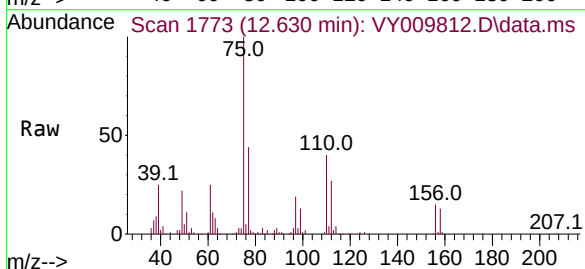
Acq: 01 Aug 2022 21:19

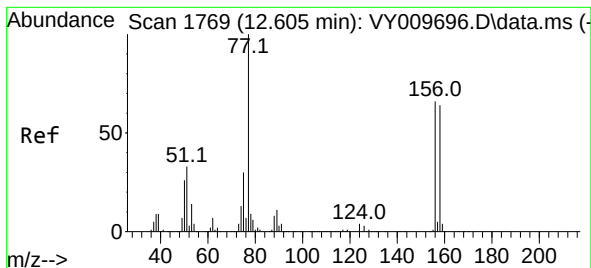
Tgt Ion: 75 Resp: 91456

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.232 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009812.D

Acq: 01 Aug 2022 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

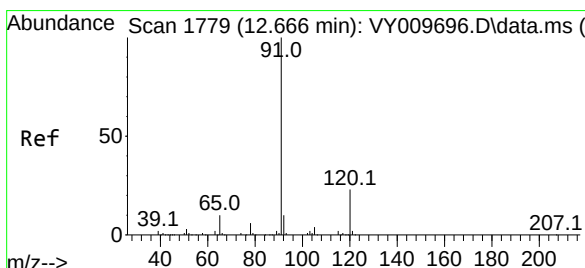
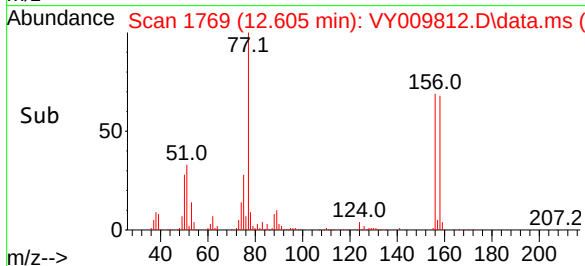
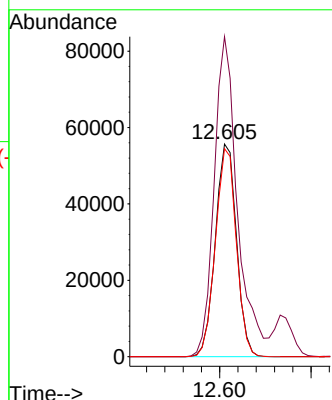
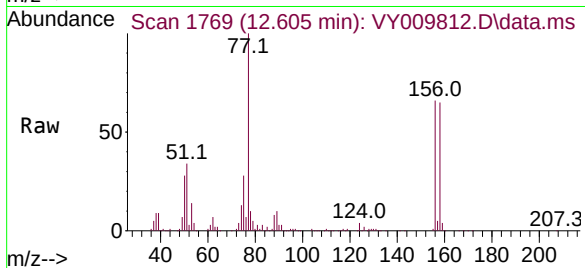
Tgt Ion:156 Resp: 89448

Ion Ratio Lower Upper

156 100

77 164.4 95.5 286.4

158 96.9 48.0 144.0



#78

n-propylbenzene

Concen: 47.952 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY009812.D

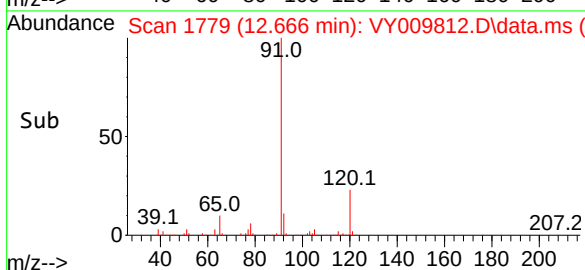
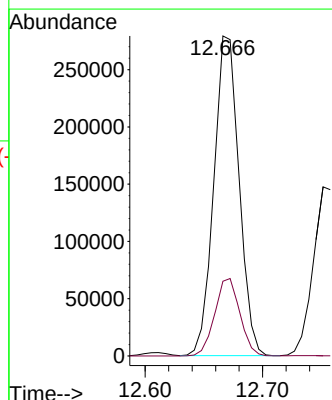
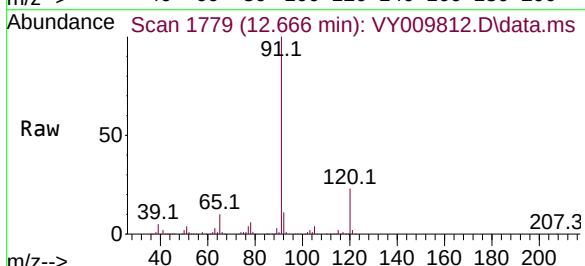
Acq: 01 Aug 2022 21:19

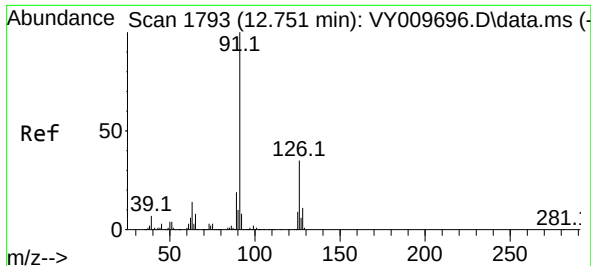
Tgt Ion: 91 Resp: 416891

Ion Ratio Lower Upper

91 100

120 24.1 11.3 33.9

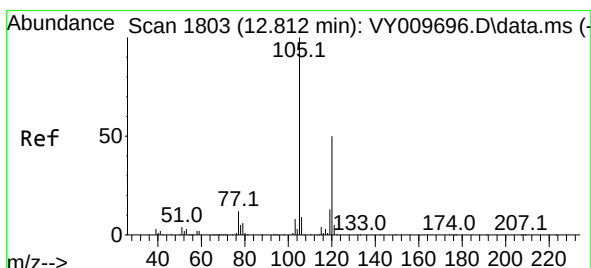
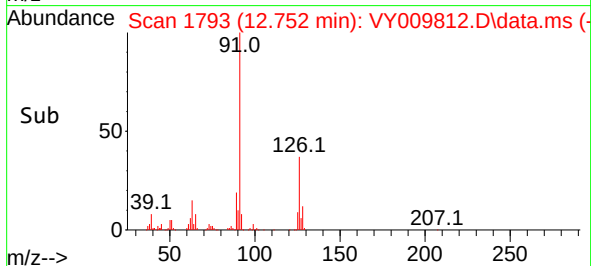
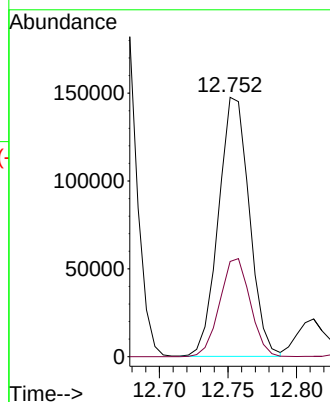
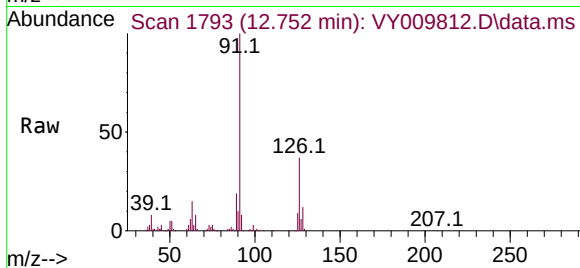




#79
2-Chlorotoluene
Concen: 47.118 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

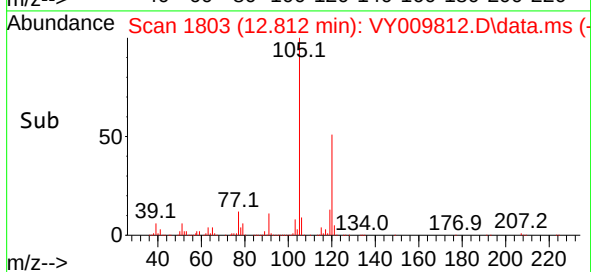
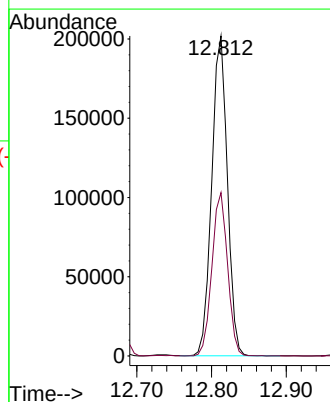
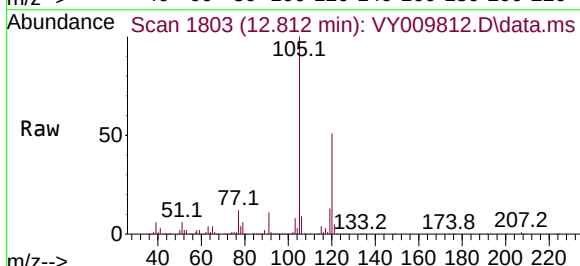
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

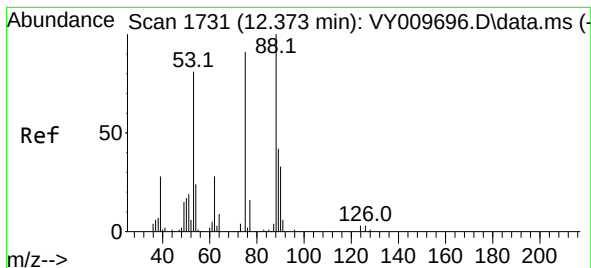
Tgt Ion: 91 Resp: 231836
Ion Ratio Lower Upper
91 100
126 37.4 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 48.408 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

Tgt Ion: 105 Resp: 293504
Ion Ratio Lower Upper
105 100
120 51.2 24.4 73.4

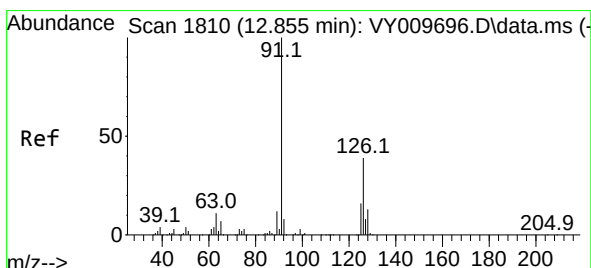
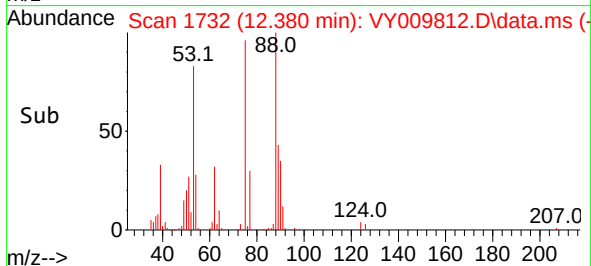
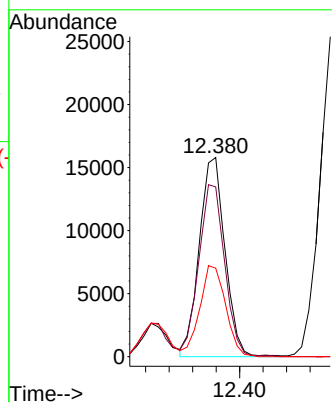
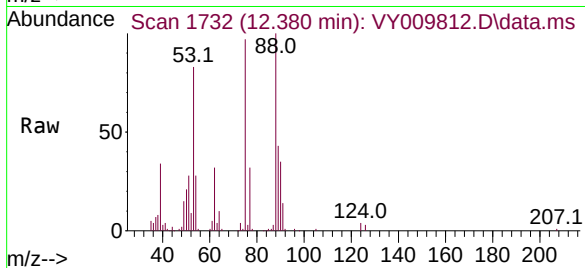




#81
trans-1,4-Dichloro-2-butene
Concen: 46.860 ug/l
RT: 12.380 min Scan# 1731
Delta R.T. 0.007 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

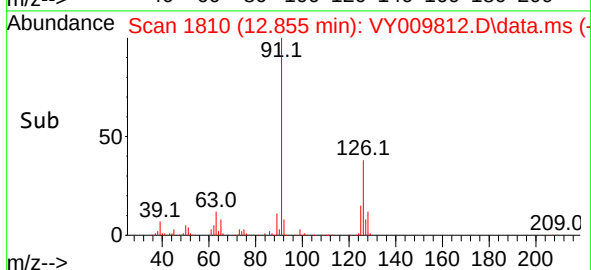
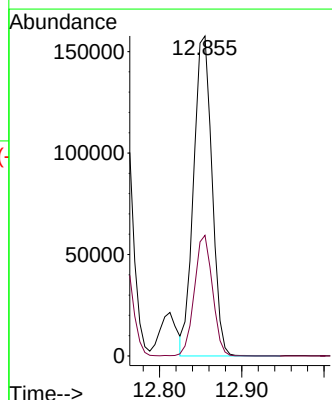
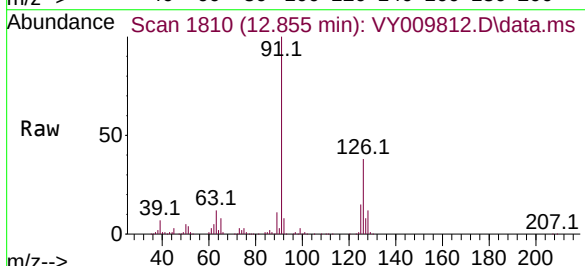
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

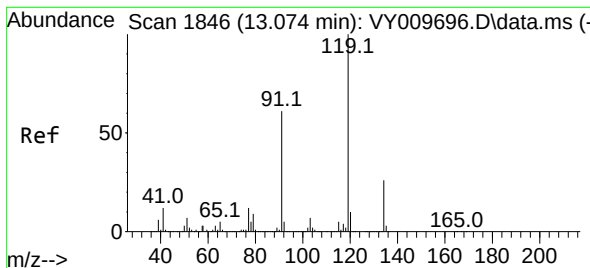
Tgt Ion: 75 Resp: 24031
Ion Ratio Lower Upper
75 100
53 87.1 85.3 127.9
89 45.9 37.0 55.4



#82
4-Chlorotoluene
Concen: 47.845 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

Tgt Ion: 91 Resp: 244889
Ion Ratio Lower Upper
91 100
126 37.1 17.0 51.0

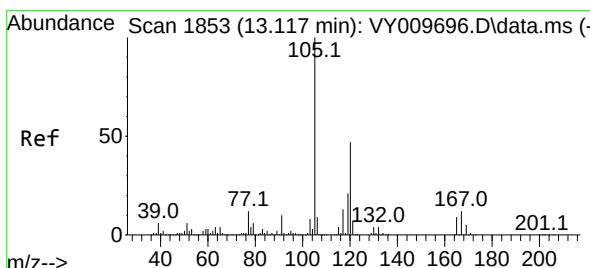
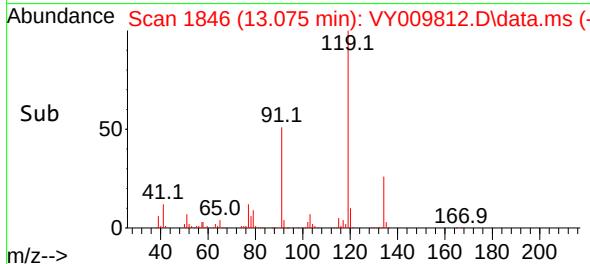
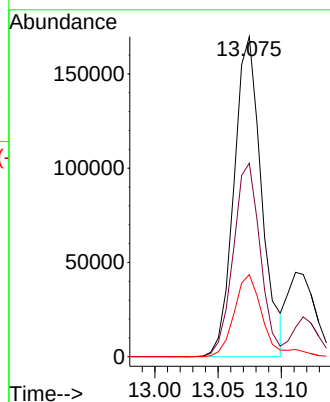
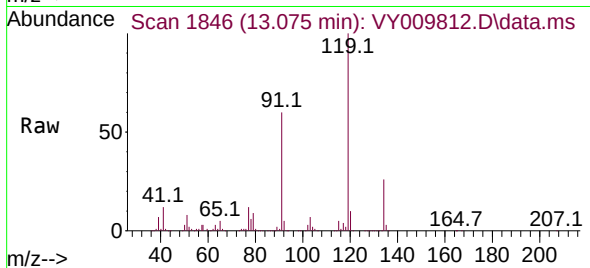




#83
tert-Butylbenzene
Concen: 47.225 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

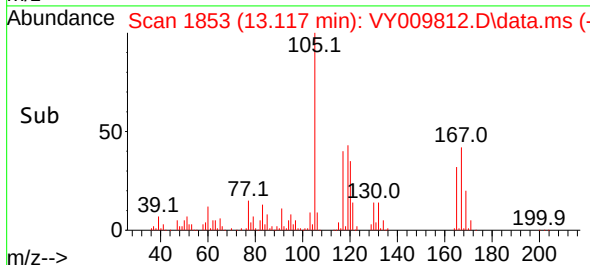
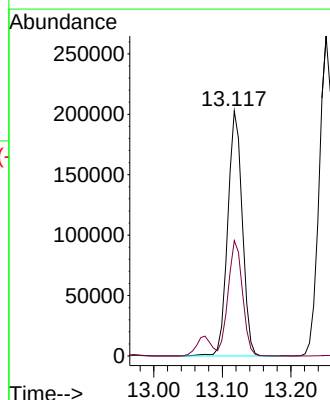
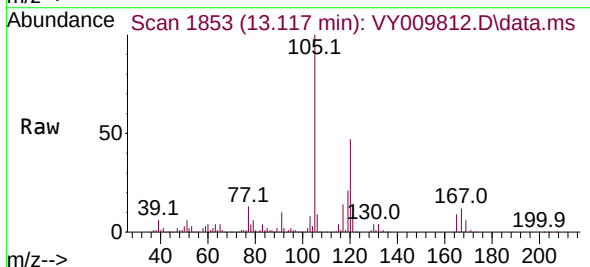
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

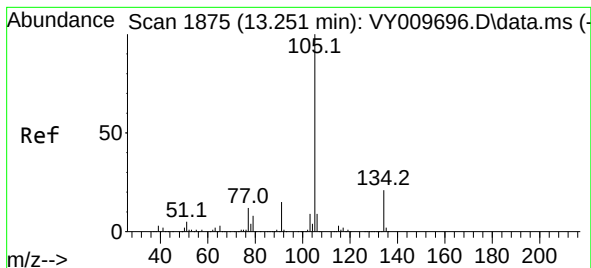
Tgt Ion:119 Resp: 257315
Ion Ratio Lower Upper
119 100
91 59.4 34.8 104.4
134 27.0 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 48.760 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

Tgt Ion:105 Resp: 297979
Ion Ratio Lower Upper
105 100
120 46.5 22.3 66.9





#85

sec-Butylbenzene

Concen: 47.795 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009812.D

Acq: 01 Aug 2022 21:19

Instrument :

MSVOA_Y

ClientSampleId :

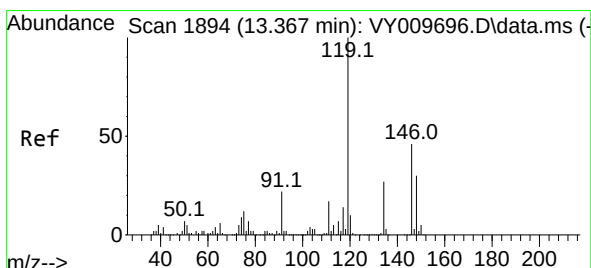
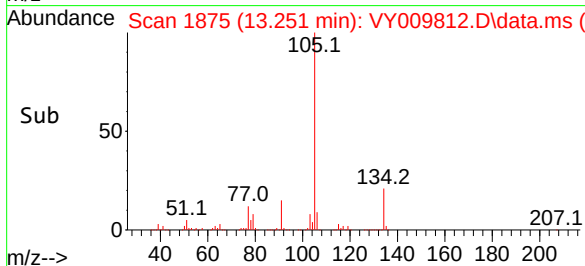
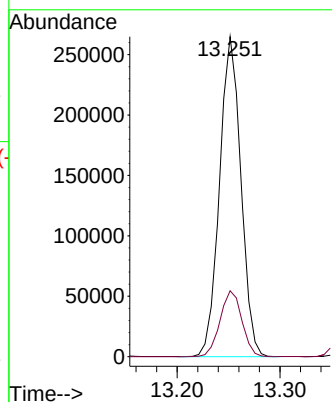
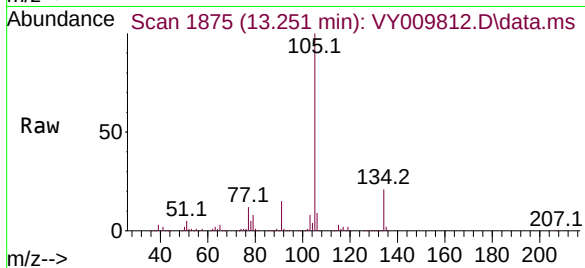
VSTDCCC050EC

Tgt Ion:105 Resp: 382355

Ion Ratio Lower Upper

105 100

134 21.0 10.2 30.4



#86

p-Isopropyltoluene

Concen: 48.162 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009812.D

Acq: 01 Aug 2022 21:19

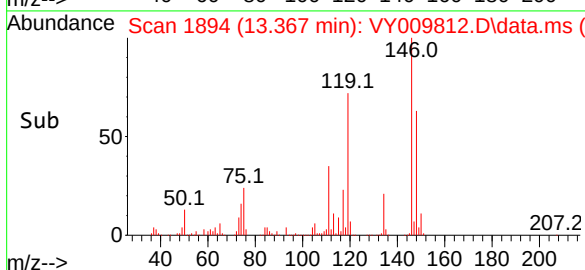
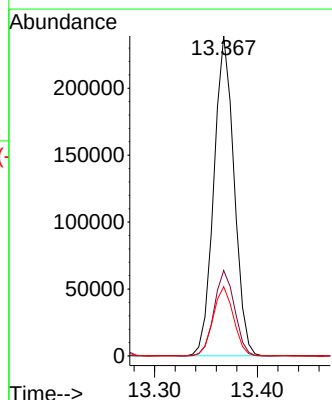
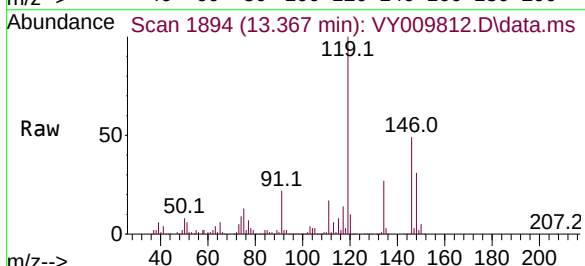
Tgt Ion:119 Resp: 325876

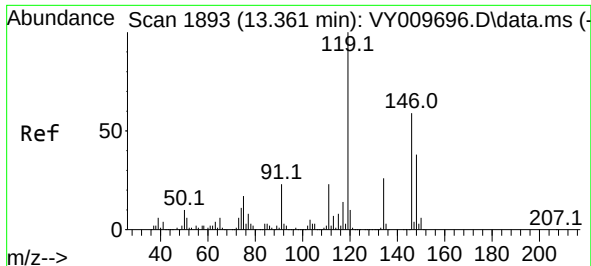
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.5

91 21.9 12.4 37.2

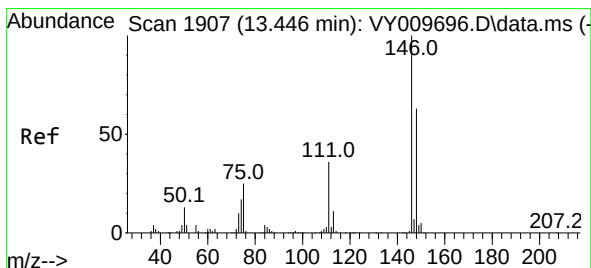
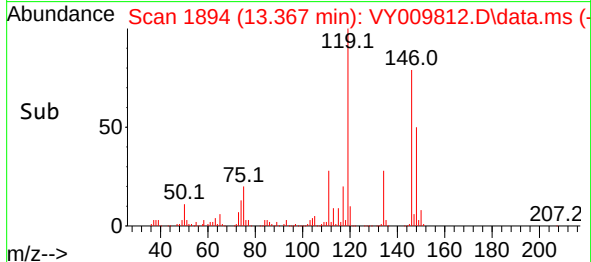
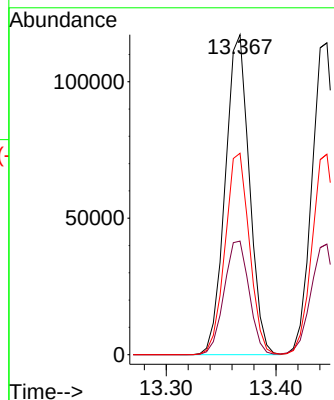
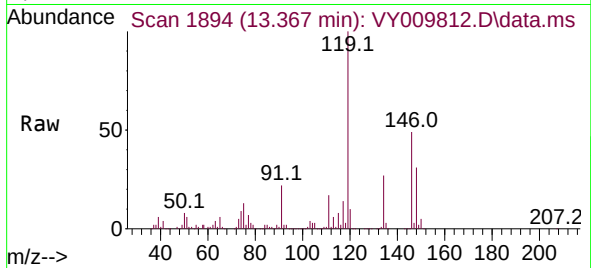




#87
1,3-Dichlorobenzene
Concen: 48.793 ug/l
RT: 13.367 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

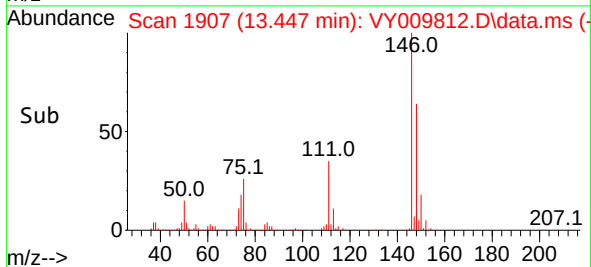
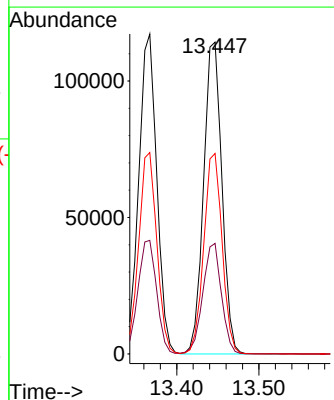
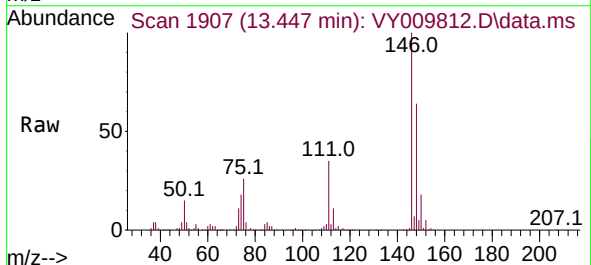
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

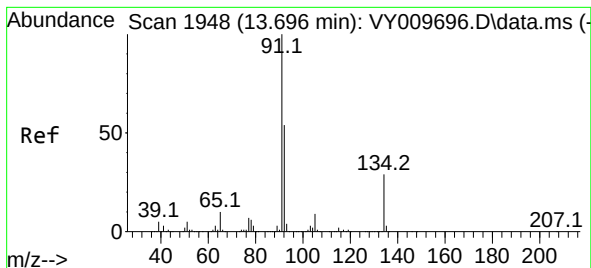
Tgt Ion:146 Resp: 178994
Ion Ratio Lower Upper
146 100
111 36.9 19.5 58.5
148 63.6 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 47.900 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

Tgt Ion:146 Resp: 176956
Ion Ratio Lower Upper
146 100
111 36.0 19.3 57.8
148 64.3 32.6 97.8





#89

n-Butylbenzene

Concen: 47.483 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY009812.D

Acq: 01 Aug 2022 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

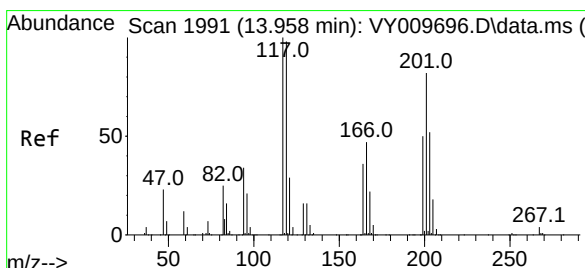
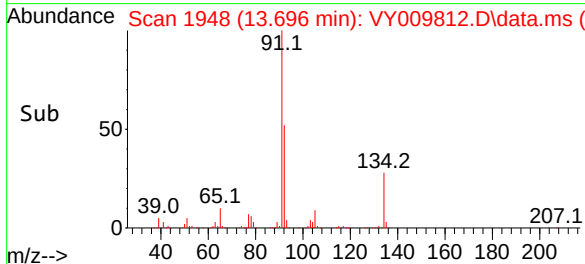
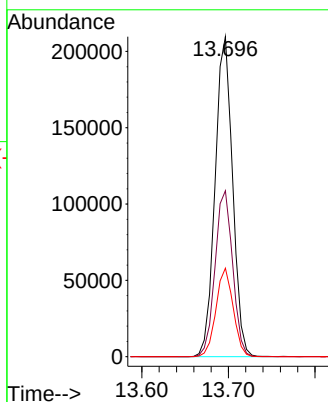
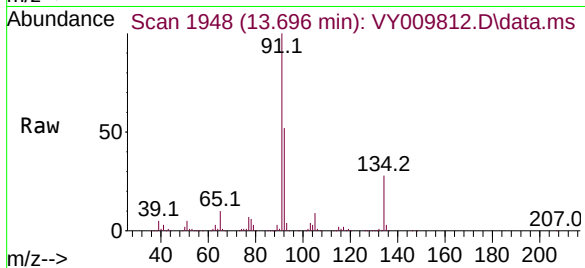
Tgt Ion: 91 Resp: 294344

Ion Ratio Lower Upper

91 100

92 52.2 26.3 78.9

134 27.1 13.0 38.9



#90

Hexachloroethane

Concen: 48.069 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.001 min

Lab File: VY009812.D

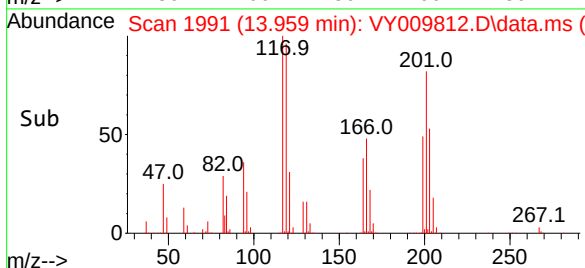
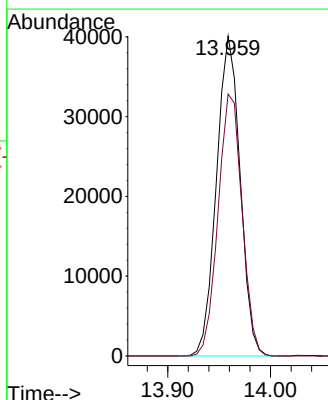
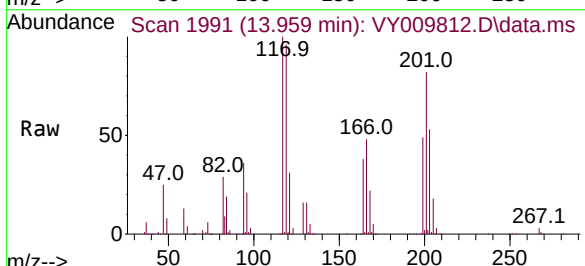
Acq: 01 Aug 2022 21:19

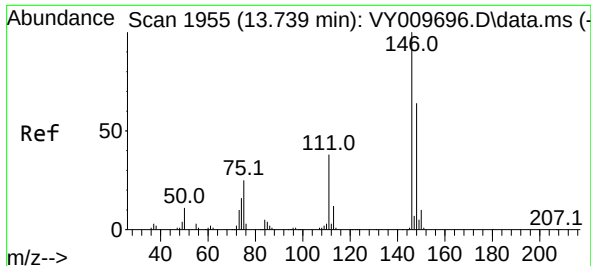
Tgt Ion: 117 Resp: 63979

Ion Ratio Lower Upper

117 100

201 83.0 43.0 128.8

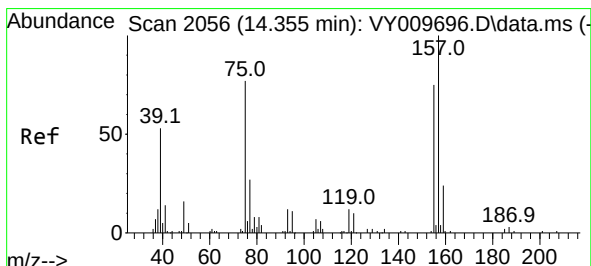
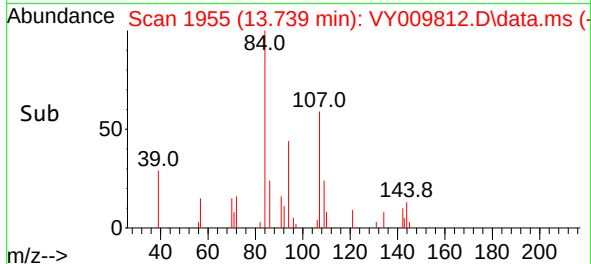
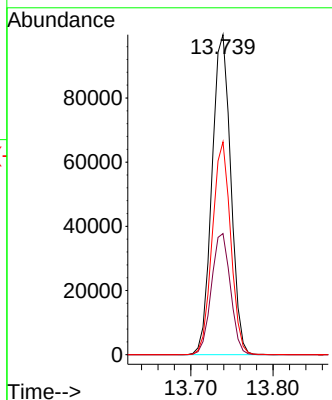
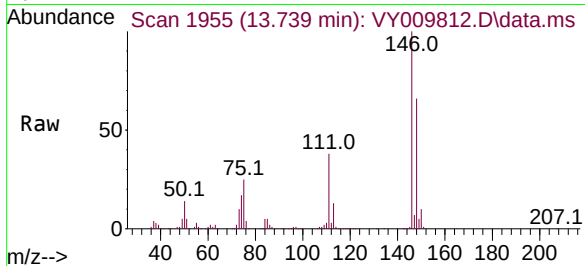




#91
1,2-Dichlorobenzene
Concen: 48.273 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

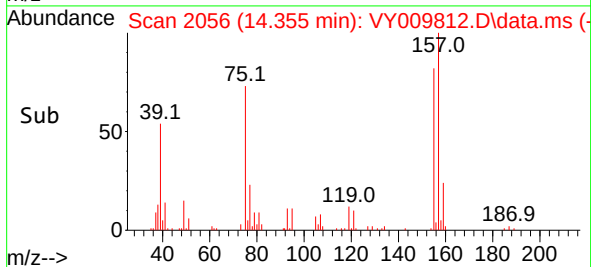
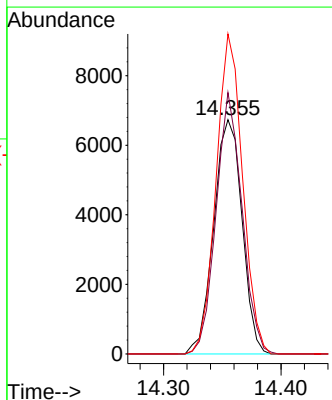
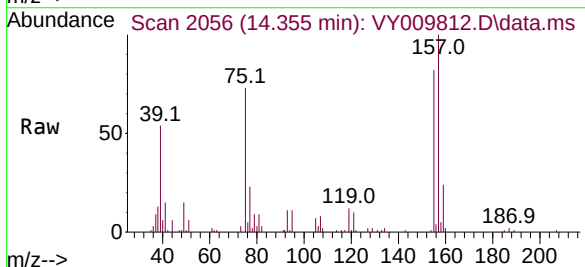
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

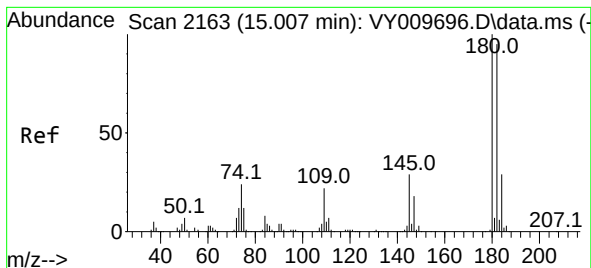
Tgt Ion:146 Resp: 158154
Ion Ratio Lower Upper
146 100
111 38.3 20.3 60.9
148 65.1 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.580 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY009812.D
Acq: 01 Aug 2022 21:19

Tgt Ion: 75 Resp: 11263
Ion Ratio Lower Upper
75 100
155 102.2 38.0 113.9
157 127.7 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 48.154 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009812.D

Acq: 01 Aug 2022 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

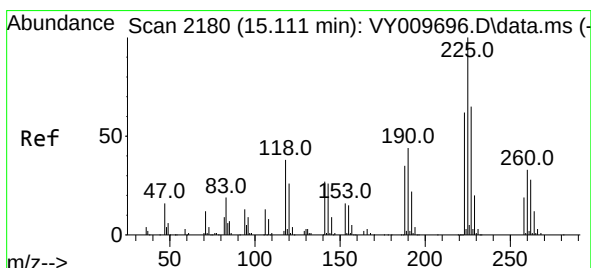
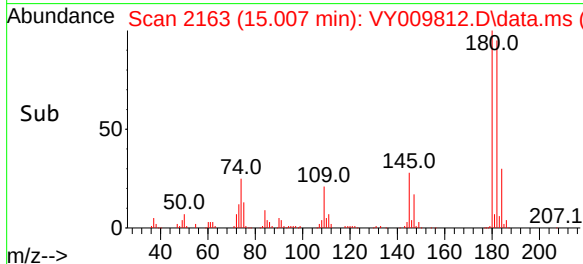
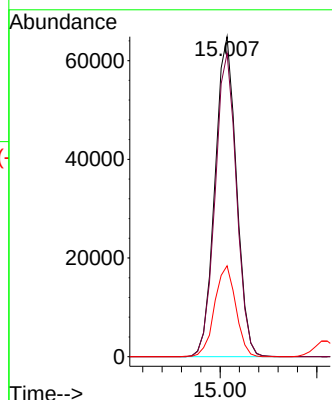
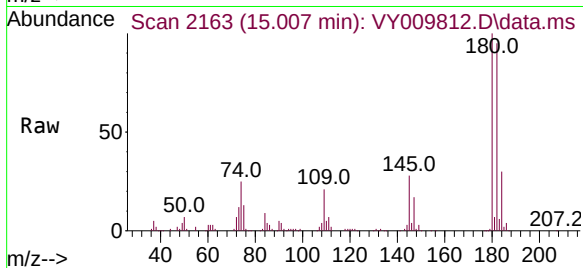
Tgt Ion:180 Resp: 99573

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.9

145 28.1 14.6 43.8



#94

Hexachlorobutadiene

Concen: 47.700 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY009812.D

Acq: 01 Aug 2022 21:19

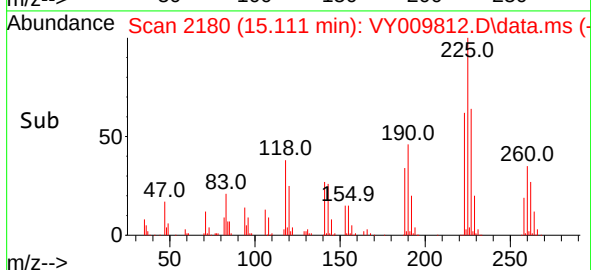
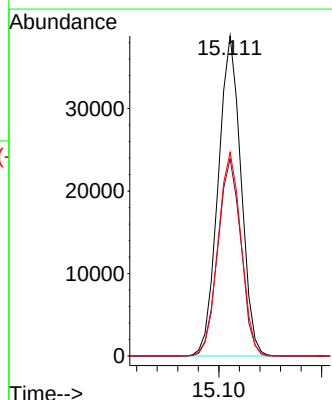
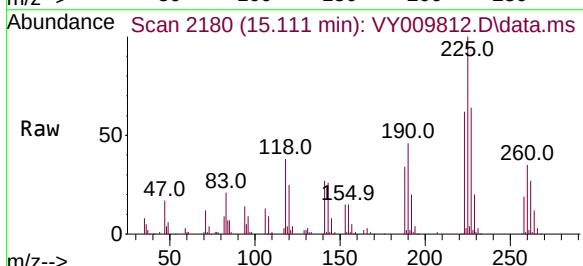
Tgt Ion:225 Resp: 59720

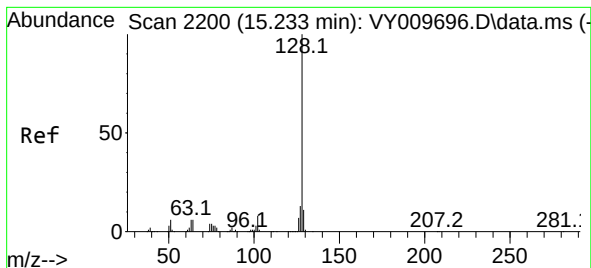
Ion Ratio Lower Upper

225 100

223 62.3 30.8 92.3

227 64.2 31.6 94.7





#95

Naphthalene

Concen: 50.888 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY009812.D

Acq: 01 Aug 2022 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

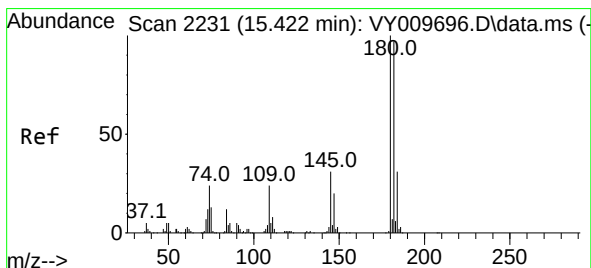
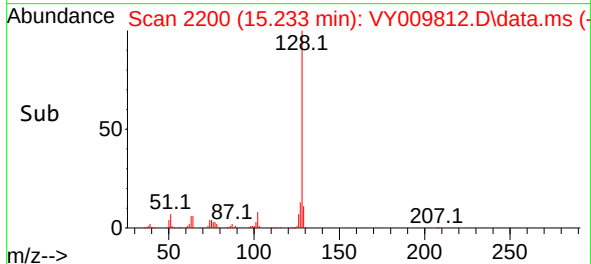
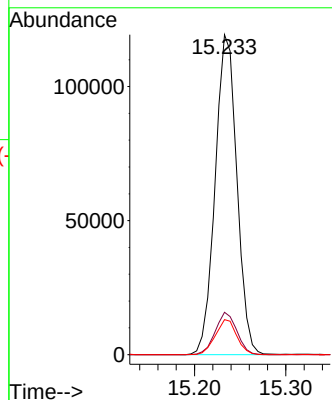
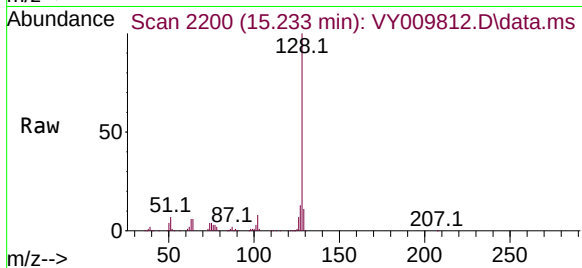
Tgt Ion:128 Resp: 197243

Ion Ratio Lower Upper

128 100

127 13.2 11.0 16.4

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 49.179 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY009812.D

Acq: 01 Aug 2022 21:19

Tgt Ion:180 Resp: 88944

Ion Ratio Lower Upper

180 100

182 96.4 47.3 141.9

145 30.0 15.3 45.9

