

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122222\
 Data File : VY011985.D
 Acq On : 22 Dec 2022 19:18
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 23 04:33:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	217259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	338493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	305861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151368	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	105604	48.247	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.500%
35) Dibromofluoromethane	7.716	113	100108	49.125	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.240%
50) Toluene-d8	10.179	98	402956	48.737	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.480%
62) 4-Bromofluorobenzene	12.483	95	136032	48.920	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.840%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	74989	43.608	ug/l	99
3) Chloromethane	2.113	50	81679	42.241	ug/l	100
4) Vinyl Chloride	2.253	62	89001	41.737	ug/l	96
5) Bromomethane	2.650	94	66237	43.661	ug/l	100
6) Chloroethane	2.796	64	59248	42.507	ug/l	98
7) Trichlorofluoromethane	3.131	101	161614	43.295	ug/l	100
8) Diethyl Ether	3.527	74	50584	43.918	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.899	101	88011	42.829	ug/l	98
10) Methyl Iodide	4.088	142	124839	43.909	ug/l	97
11) Tert butyl alcohol	4.948	59	35329	150.591	ug/l	99
12) 1,1-Dichloroethene	3.875	96	90147	43.856	ug/l	98
13) Acrolein	3.729	56	39437	192.742	ug/l	99
14) Allyl chloride	4.479	41	126789	41.886	ug/l	92
15) Acrylonitrile	5.161	53	114341	213.411	ug/l	99
16) Acetone	3.942	43	105397	163.013	ug/l	97
17) Carbon Disulfide	4.192	76	274285	41.832	ug/l	100
18) Methyl Acetate	4.479	43	61905	40.930	ug/l	96
19) Methyl tert-butyl Ether	5.216	73	240055	45.516	ug/l	98
20) Methylene Chloride	4.716	84	112932	44.134	ug/l	93
21) trans-1,2-Dichloroethene	5.222	96	102596	43.927	ug/l	97
22) Diisopropyl ether	6.118	45	276964	46.457	ug/l	97
23) Vinyl Acetate	6.058	43	781353	227.800	ug/l	98
24) 1,1-Dichloroethane	6.015	63	175225	45.217	ug/l	99
25) 2-Butanone	6.984	43	139568	191.420	ug/l	97
26) 2,2-Dichloropropane	6.978	77	159482	42.058	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	116879	46.269	ug/l	96
28) Bromochloromethane	7.332	49	48516	45.623	ug/l	92
29) Tetrahydrofuran	7.344	42	88422	214.044	ug/l	94
30) Chloroform	7.502	83	191664	45.887	ug/l	98
31) Cyclohexane	7.783	56	148354	40.261	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	175741	44.236	ug/l	99
36) 1,1-Dichloropropene	7.917	75	138581	42.396	ug/l	99
37) Ethyl Acetate	7.069	43	61770	42.120	ug/l	98
38) Carbon Tetrachloride	7.899	117	162346	43.004	ug/l	99
39) Methylcyclohexane	9.185	83	168531	42.849	ug/l	98
40) Benzene	8.161	78	410874	43.923	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	26806	37.799	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	119517	44.382	ug/l	100
43) Isopropyl Acetate	8.271	43	113436	42.352	ug/l	96
44) Trichloroethene	8.941	130	115480	43.798	ug/l	100
45) 1,2-Dichloropropane	9.215	63	96390	44.597	ug/l	99
46) Dibromomethane	9.301	93	54895	44.093	ug/l	98
47) Bromodichloromethane	9.496	83	141537	44.812	ug/l	96
48) Methyl methacrylate	9.295	41	54248	43.744	ug/l	97
49) 1,4-Dioxane	9.295	88	13345	897.796	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	306059	214.301	ug/l	99
52) Toluene	10.246	92	267690	44.915	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	141628	44.376	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	163475	45.569	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	79212	44.836	ug/l	97
56) Ethyl methacrylate	10.508	69	101496	45.375	ug/l	98
57) 1,3-Dichloropropane	10.788	76	132038	44.785	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	198083	229.491	ug/l	97
59) 2-Hexanone	10.831	43	214819	204.458	ug/l	97
60) Dibromochloromethane	10.983	129	101341	45.534	ug/l	100
61) 1,2-Dibromoethane	11.087	107	73010	44.171	ug/l	100
64) Tetrachloroethene	10.721	164	116630	43.564	ug/l	98
65) Chlorobenzene	11.514	112	285807	45.004	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	108763	46.030	ug/l	98
67) Ethyl Benzene	11.593	91	509791	44.408	ug/l	99
68) m/p-Xylenes	11.703	106	398202	89.193	ug/l	100
69) o-Xylene	12.032	106	191264	46.043	ug/l	99
70) Styrene	12.044	104	322561	46.247	ug/l	99
71) Bromoform	12.209	173	62761	44.825	ug/l #	98
73) Isopropylbenzene	12.331	105	504039	44.874	ug/l	100
74) N-amyl acetate	12.142	43	101206	43.949	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	82633	44.098	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	65726m	34.895	ug/l	
77) Bromobenzene	12.611	156	116809	44.950	ug/l	97
78) n-propylbenzene	12.672	91	601864	44.577	ug/l	100
79) 2-Chlorotoluene	12.758	91	339340	44.712	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	434972	45.230	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	29938	43.528	ug/l	98
82) 4-Chlorotoluene	12.855	91	352883	44.939	ug/l	100
83) tert-Butylbenzene	13.075	119	368354	45.195	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	430188	45.470	ug/l	99
85) sec-Butylbenzene	13.251	105	536438	44.078	ug/l	99
86) p-Isopropyltoluene	13.367	119	461902	44.980	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	230712	44.146	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	227131	43.717	ug/l	99
89) n-Butylbenzene	13.696	91	404223	43.482	ug/l	99
90) Hexachloroethane	13.959	117	86957	44.379	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	203226	44.605	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	13848	43.002	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	118836	44.339	ug/l	99
94) Hexachlorobutadiene	15.111	225	75142	43.389	ug/l	99
95) Naphthalene	15.233	128	223247	40.600	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	104030	45.909	ug/l	98

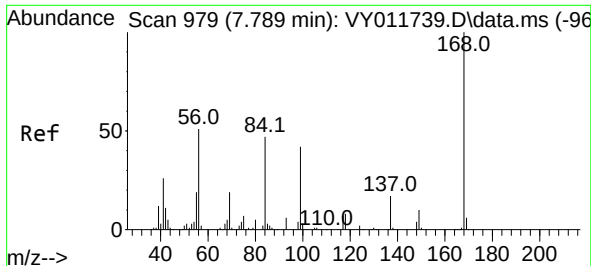
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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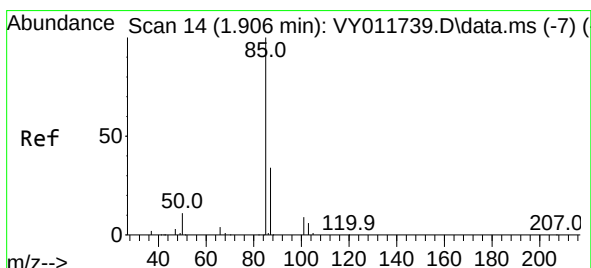
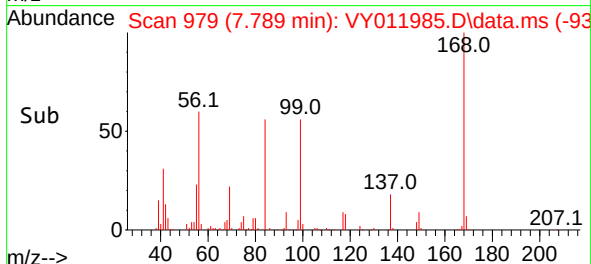
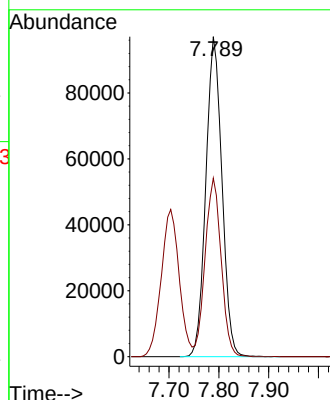
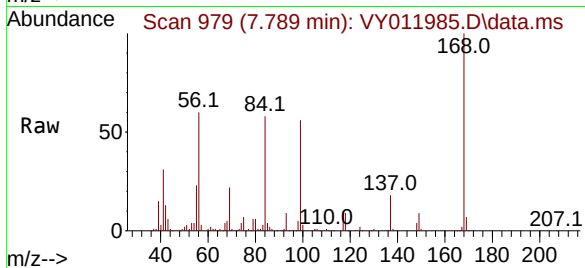
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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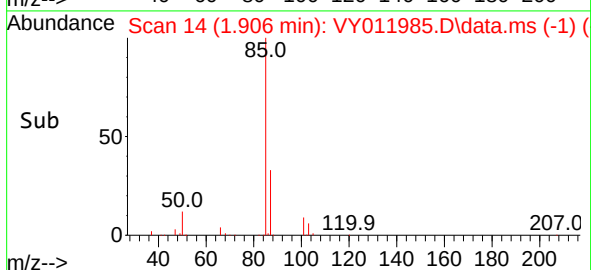
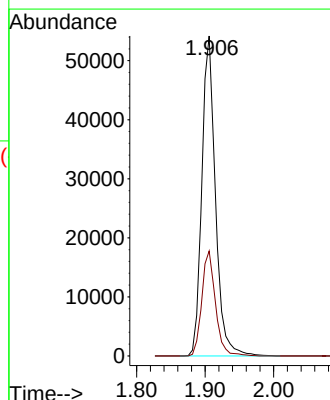
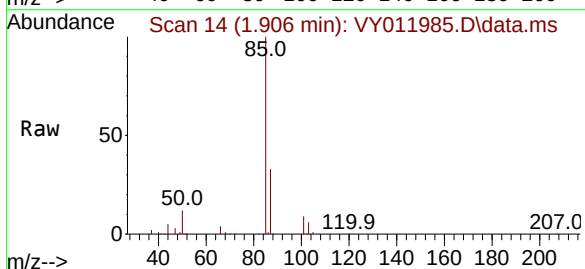
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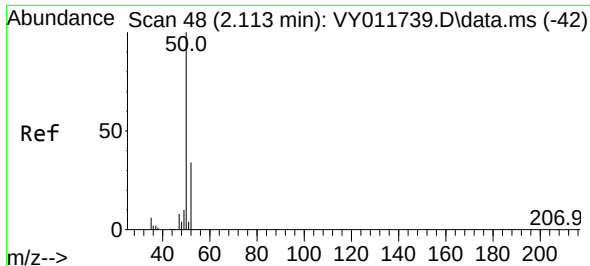
Tgt Ion:168 Resp: 217259
Ion Ratio Lower Upper
168 100
99 55.8 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 43.608 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

Tgt Ion: 85 Resp: 74989
Ion Ratio Lower Upper
85 100
87 32.8 16.8 50.4

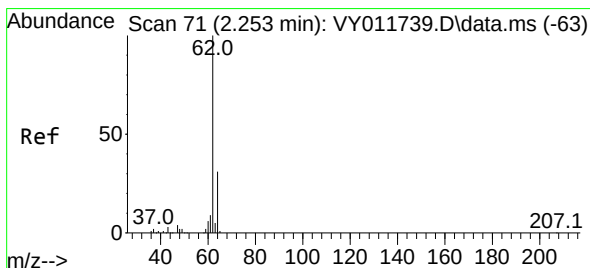
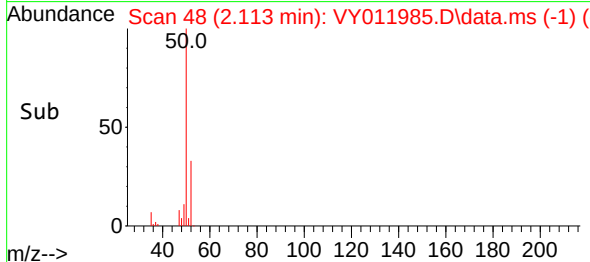
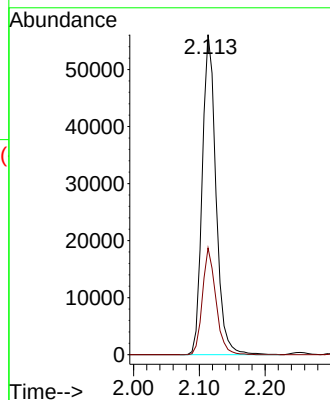
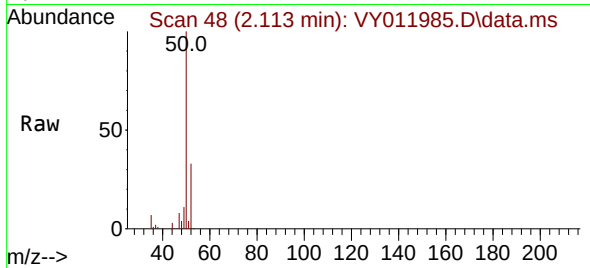




#3
Chloromethane
Concen: 42.241 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

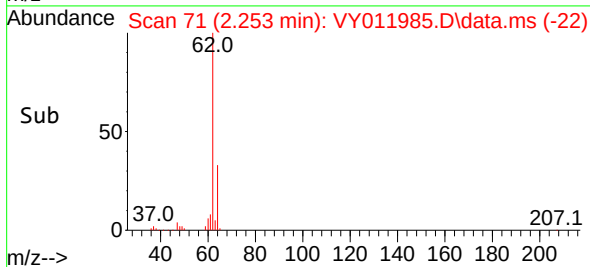
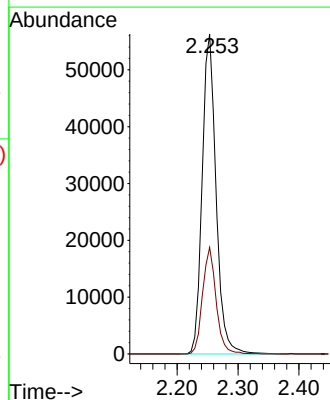
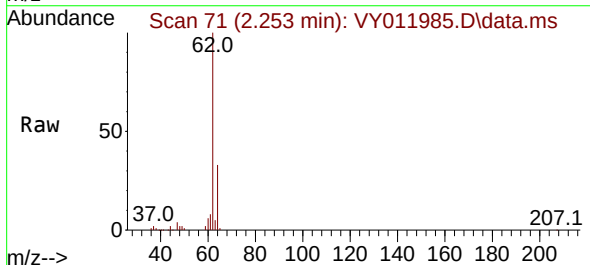
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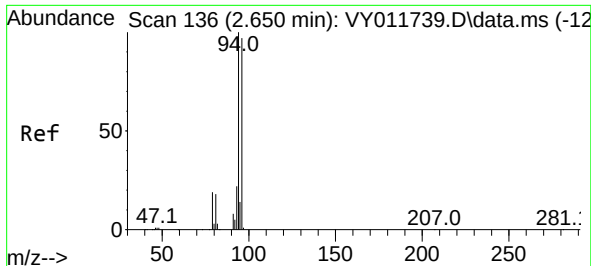
Tgt Ion: 50 Resp: 81679
Ion Ratio Lower Upper
50 100
52 33.4 26.8 40.2



#4
Vinyl Chloride
Concen: 41.737 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

Tgt Ion: 62 Resp: 89001
Ion Ratio Lower Upper
62 100
64 33.3 25.0 37.6

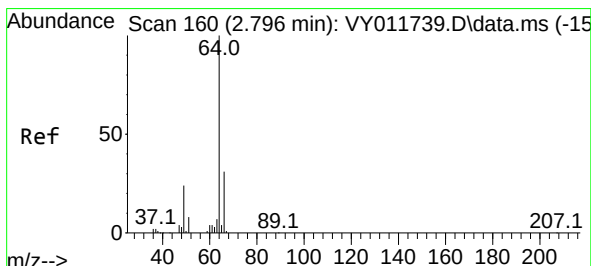
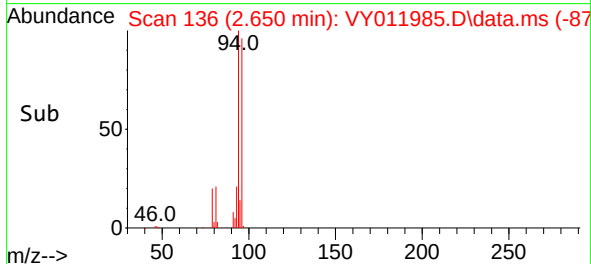
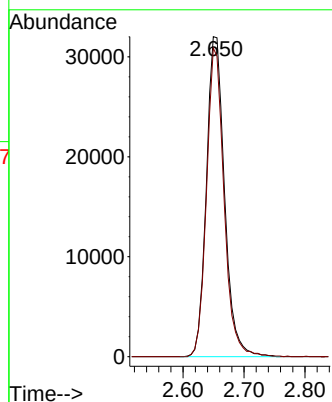
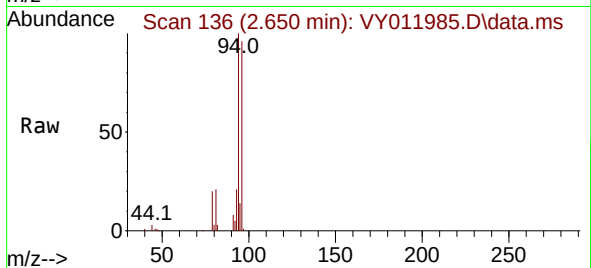




#5
Bromomethane
Concen: 43.661 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

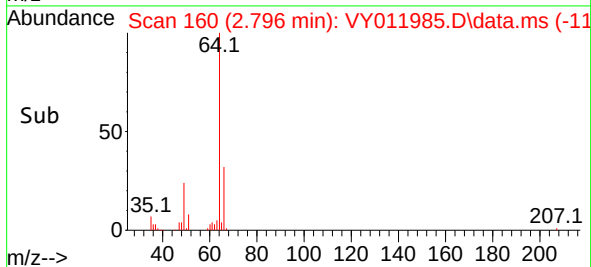
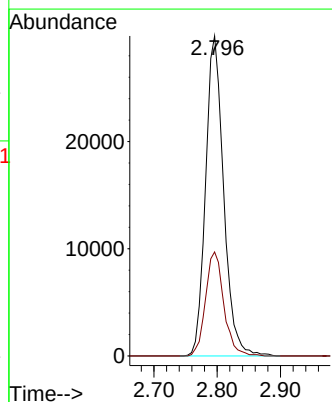
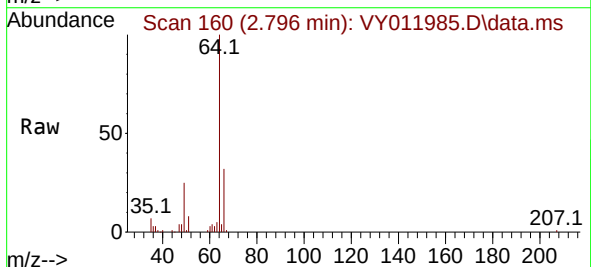
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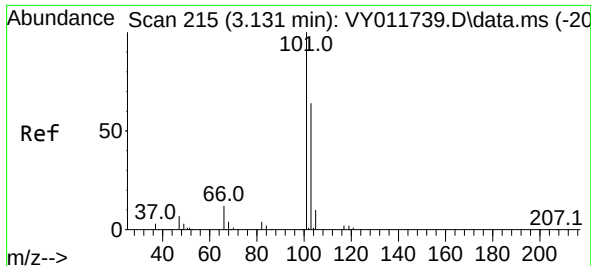
Tgt Ion: 94 Resp: 66237
Ion Ratio Lower Upper
94 100
96 96.4 77.4 116.2



#6
Chloroethane
Concen: 42.507 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

Tgt Ion: 64 Resp: 59248
Ion Ratio Lower Upper
64 100
66 32.5 25.0 37.4

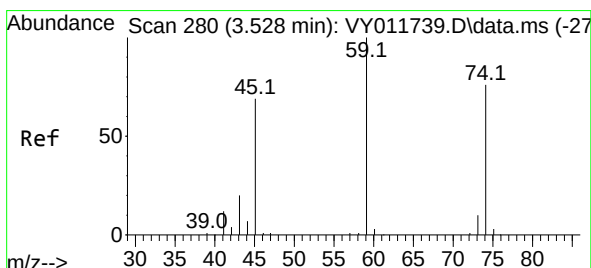
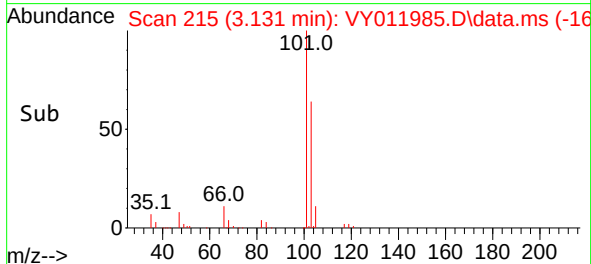
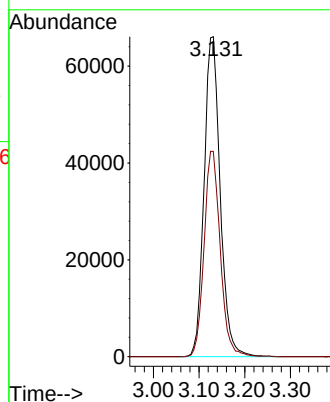
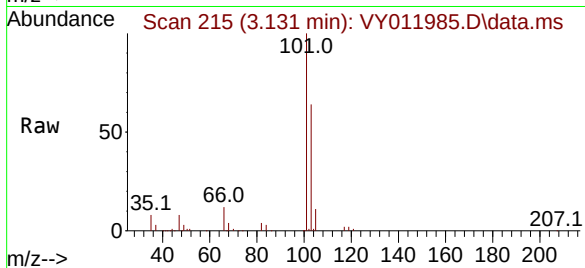




#7
 Trichlorofluoromethane
 Concen: 43.295 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY011985.D
 Acq: 22 Dec 2022 19:18

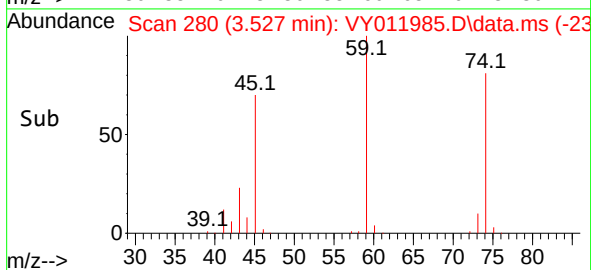
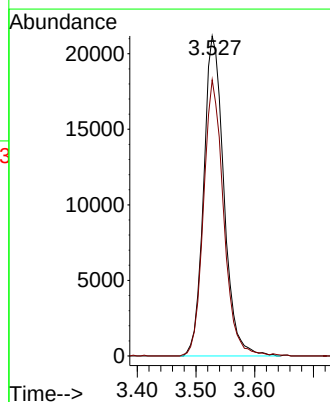
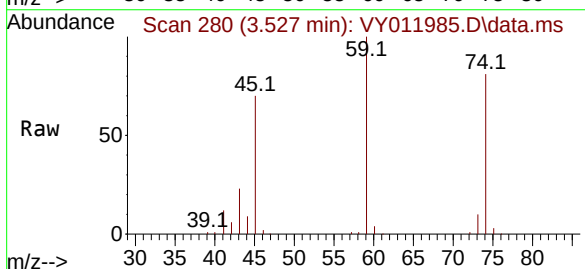
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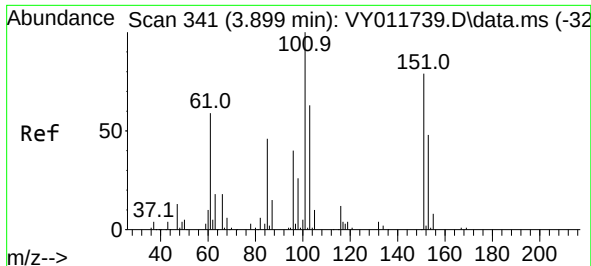
Tgt Ion:101 Resp: 161614
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.0 76.6



#8
 Diethyl Ether
 Concen: 43.918 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.001 min
 Lab File: VY011985.D
 Acq: 22 Dec 2022 19:18

Tgt Ion: 74 Resp: 50584
 Ion Ratio Lower Upper
 74 100
 45 85.5 46.8 140.3

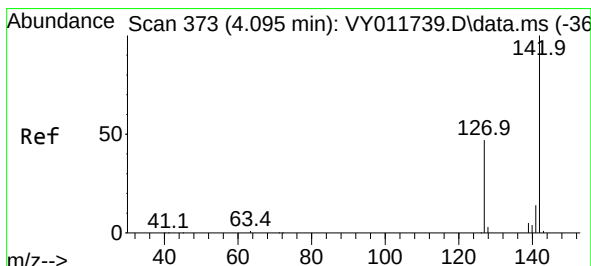
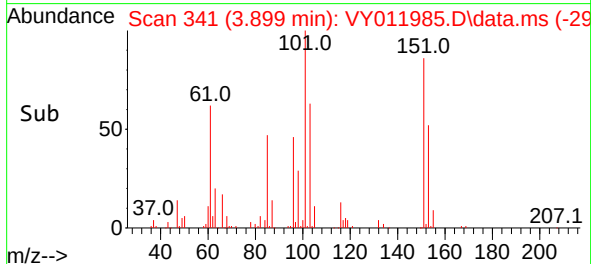
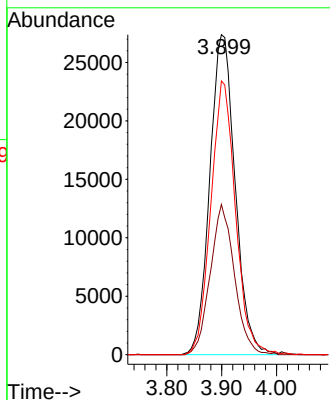
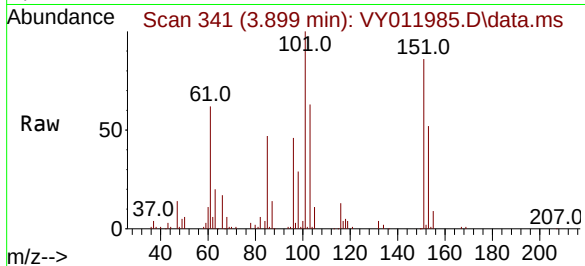




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.829 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY011985.D
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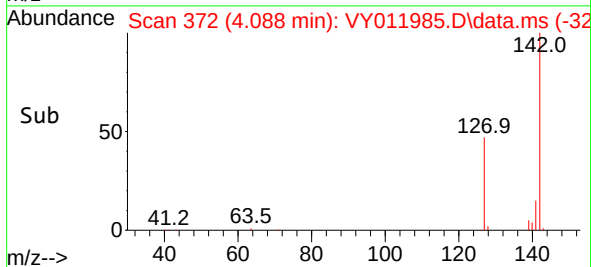
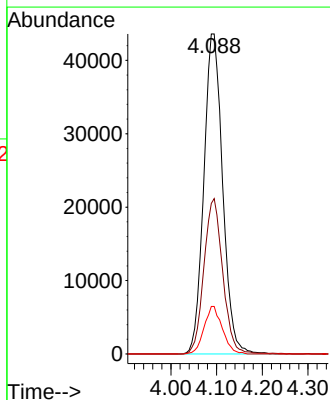
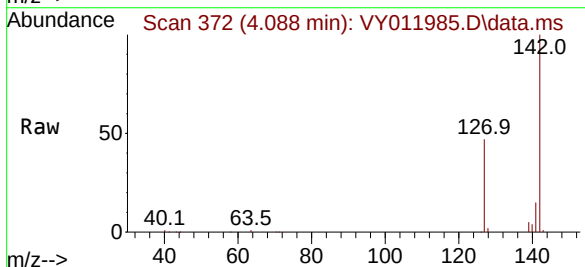
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ClientSampleId :
VSTDCCC050EC

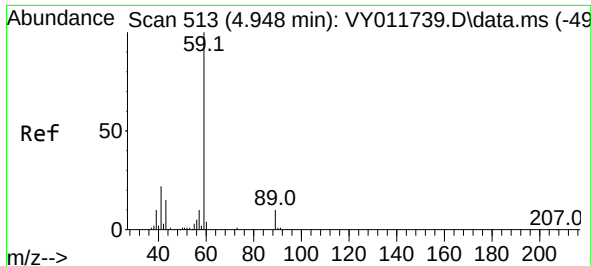
Tgt Ion:101 Resp: 88011
Ion Ratio Lower Upper
101 100
85 44.8 36.2 54.2
151 83.3 64.2 96.2



#10
Methyl Iodide
Concen: 43.909 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.007 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

Tgt Ion:142 Resp: 124839
Ion Ratio Lower Upper
142 100
127 48.4 37.0 55.4
141 14.4 11.4 17.0

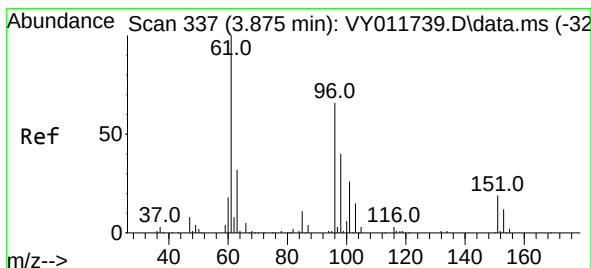
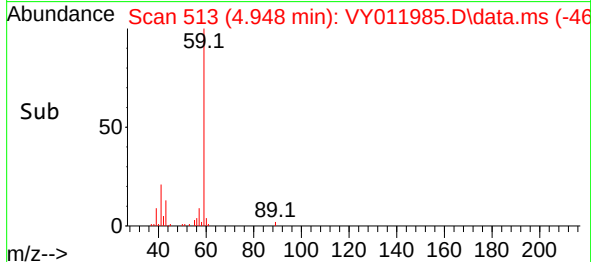
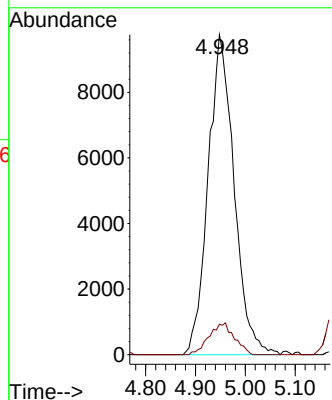
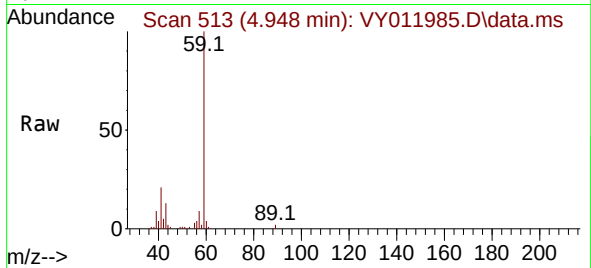




#11
Tert butyl alcohol
Concen: 150.591 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

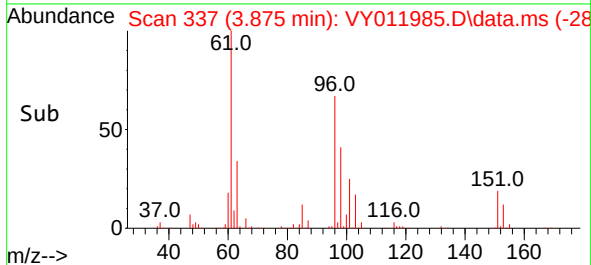
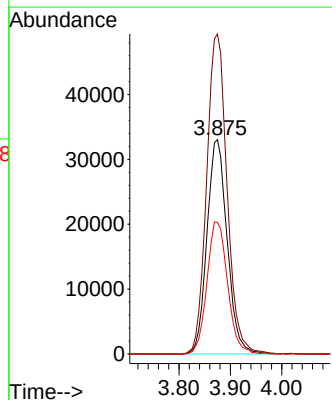
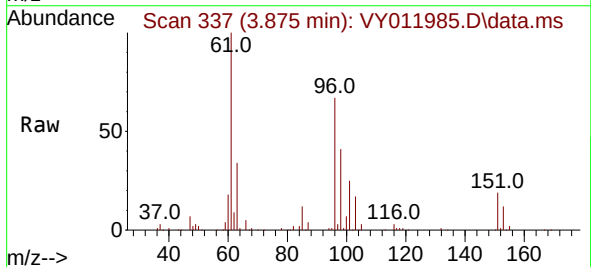
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

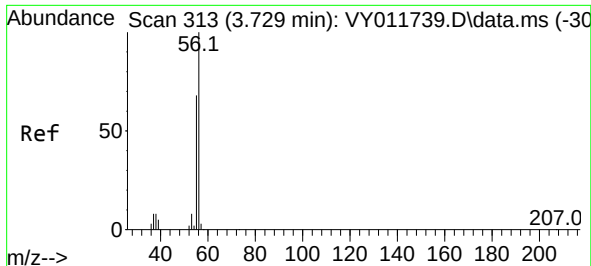
Tgt Ion: 59 Resp: 35329
Ion Ratio Lower Upper
59 100
57 9.7 7.4 11.2



#12
1,1-Dichloroethene
Concen: 43.856 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

Tgt Ion: 96 Resp: 90147
Ion Ratio Lower Upper
96 100
61 149.2 122.0 183.0
98 61.4 48.6 73.0

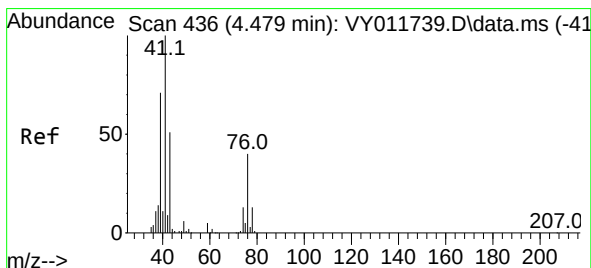
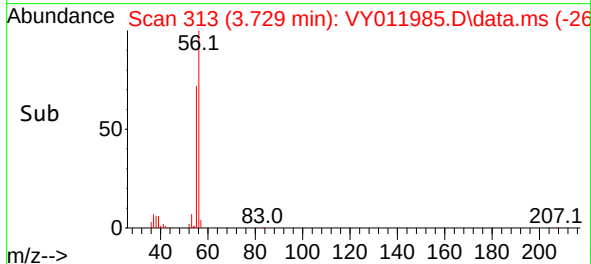
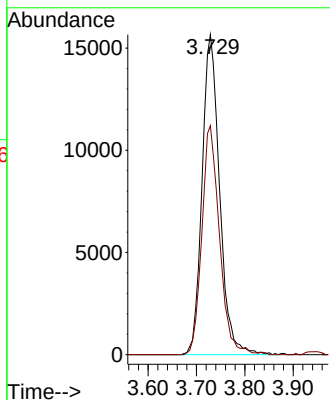
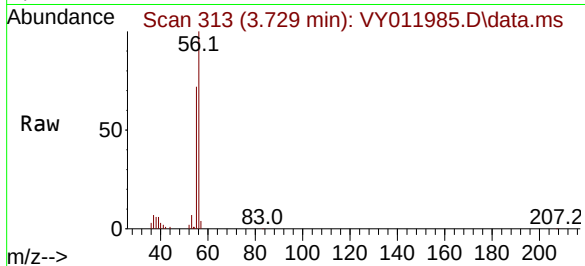




#13
Acrolein
Concen: 192.742 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

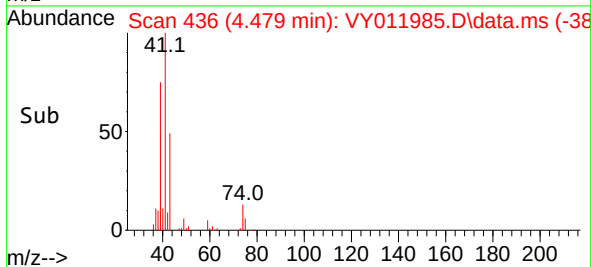
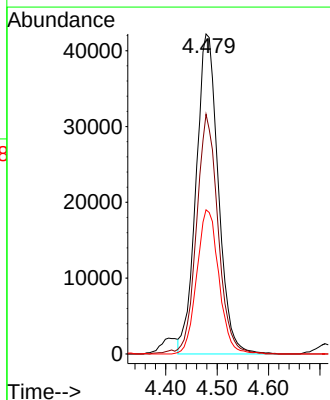
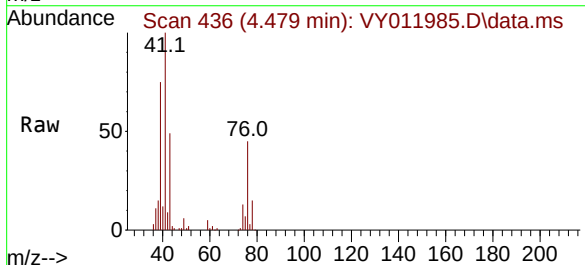
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

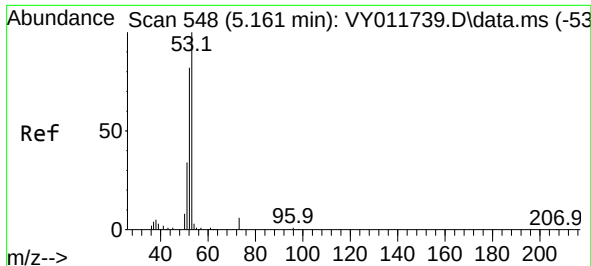
Tgt Ion: 56 Resp: 39437
Ion Ratio Lower Upper
56 100
55 71.7 56.6 85.0



#14
Allyl chloride
Concen: 41.886 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

Tgt Ion: 41 Resp: 126789
Ion Ratio Lower Upper
41 100
39 73.0 53.5 80.3
76 44.8 31.1 46.7

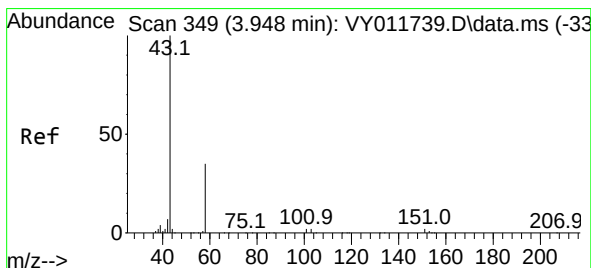
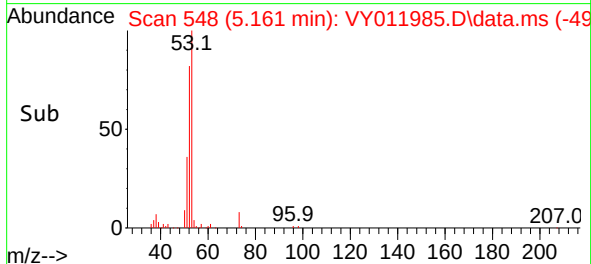
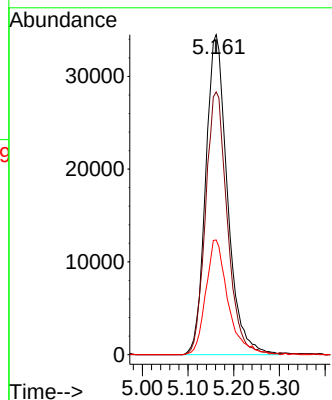
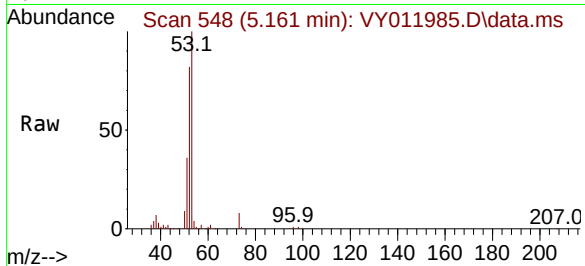




#15
Acrylonitrile
Concen: 213.411 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

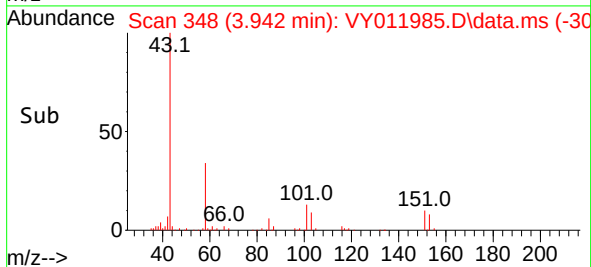
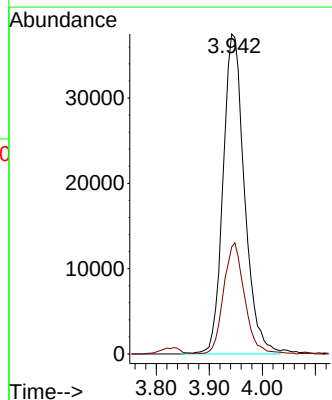
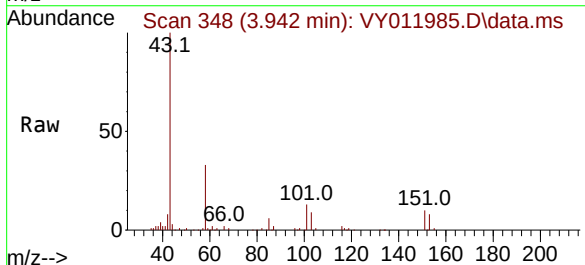
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

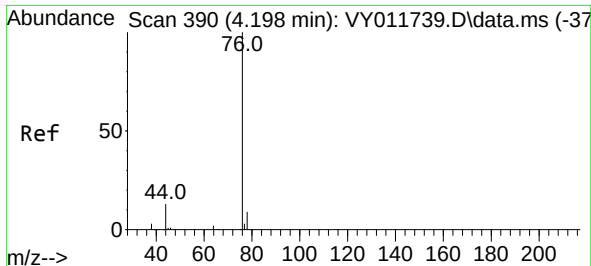
Tgt Ion: 53 Resp: 114341
Ion Ratio Lower Upper
53 100
52 82.0 65.1 97.7
51 36.7 28.7 43.1



#16
Acetone
Concen: 163.013 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

Tgt Ion: 43 Resp: 105397
Ion Ratio Lower Upper
43 100
58 32.9 27.9 41.9

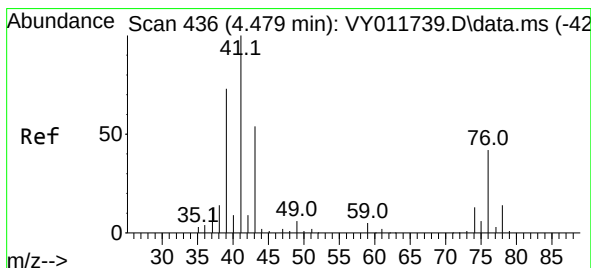
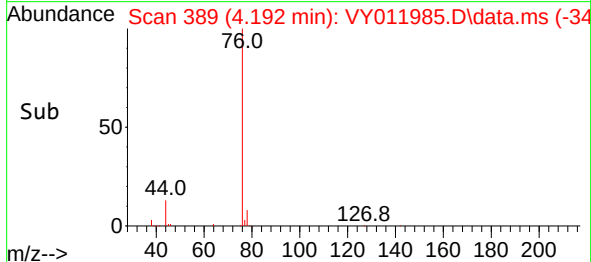
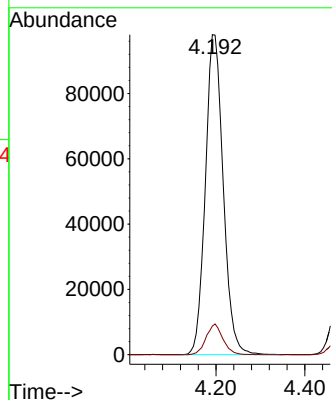
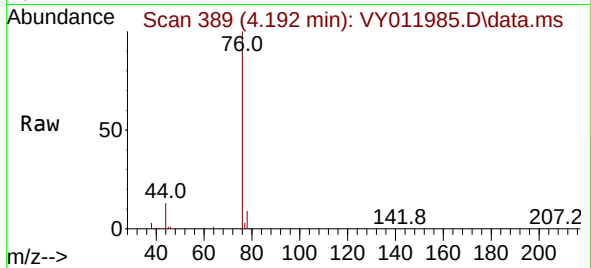




#17
Carbon Disulfide
Concen: 41.832 ug/l
RT: 4.192 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

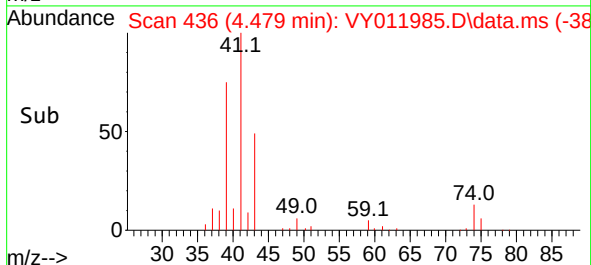
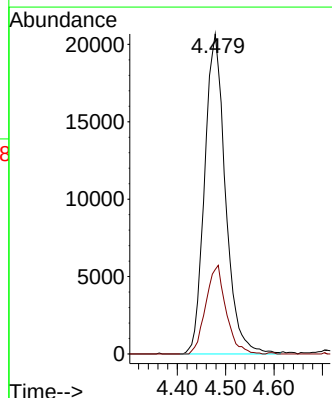
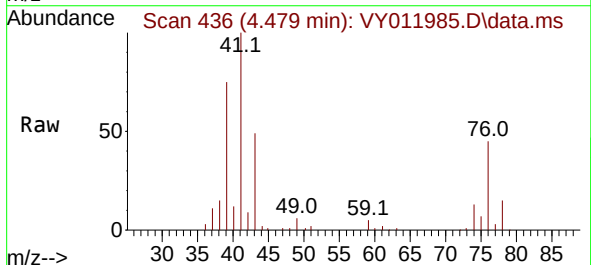
Instrument :
MSVOA_Y
ClientSampleId :
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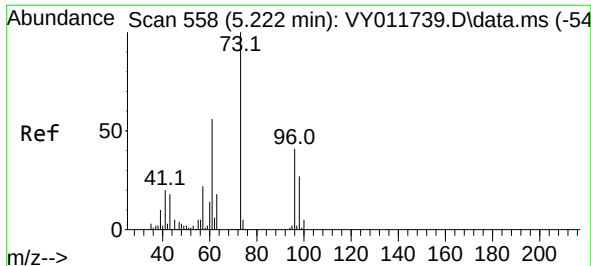
Tgt Ion: 76 Resp: 274285
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 40.930 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

Tgt Ion: 43 Resp: 61905
Ion Ratio Lower Upper
43 100
74 26.9 20.1 30.1

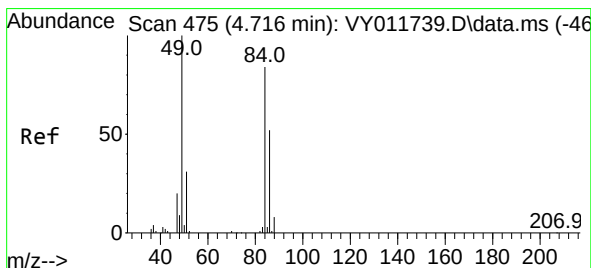
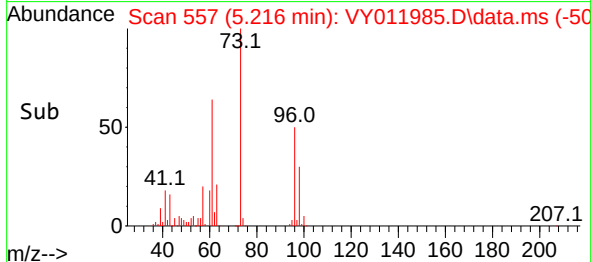
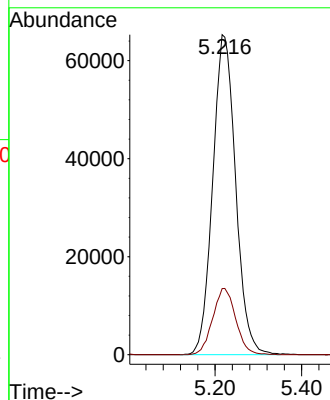
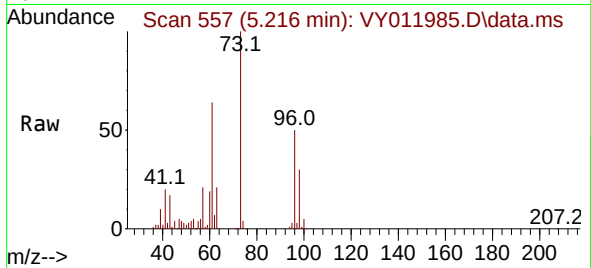




#19
Methyl tert-butyl Ether
Concen: 45.516 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

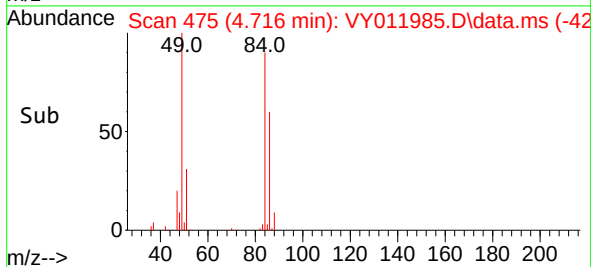
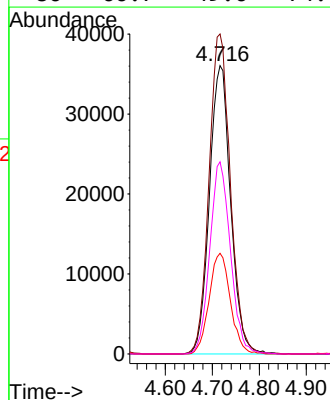
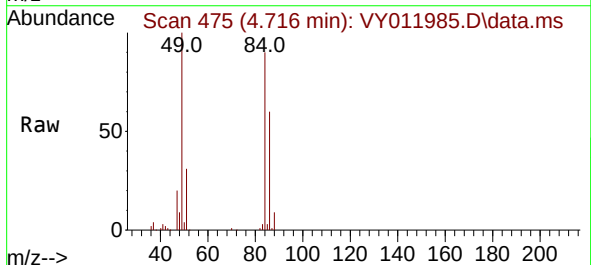
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

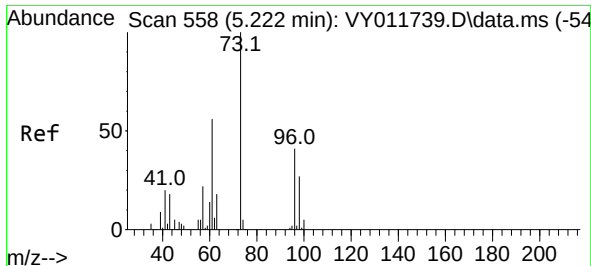
Tgt Ion: 73 Resp: 240055
Ion Ratio Lower Upper
73 100
57 20.7 17.4 26.0



#20
Methylene Chloride
Concen: 44.134 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

Tgt Ion: 84 Resp: 112932
Ion Ratio Lower Upper
84 100
49 111.0 95.4 143.2
51 34.9 29.9 44.9
86 66.7 49.6 74.4

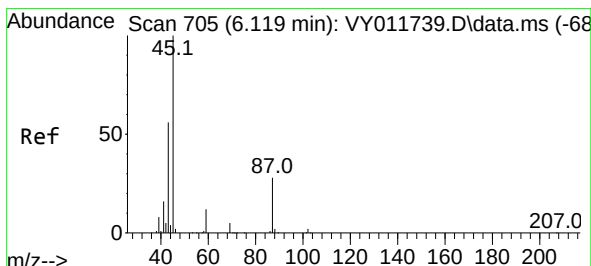
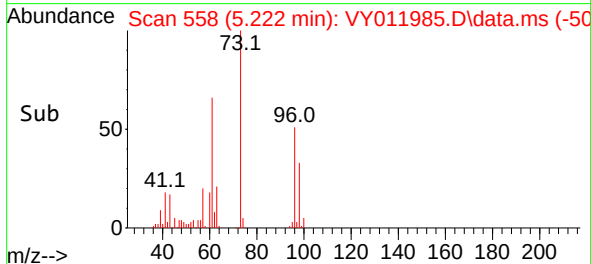
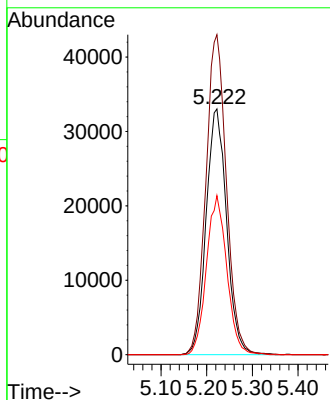
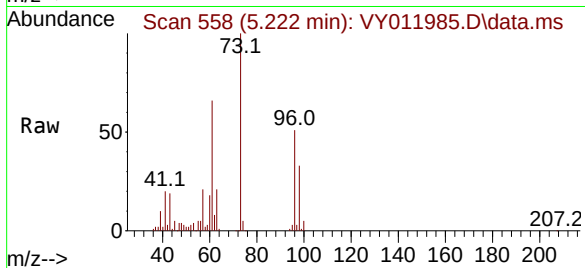




#21
trans-1,2-Dichloroethene
Concen: 43.927 ug/l
RT: 5.222 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

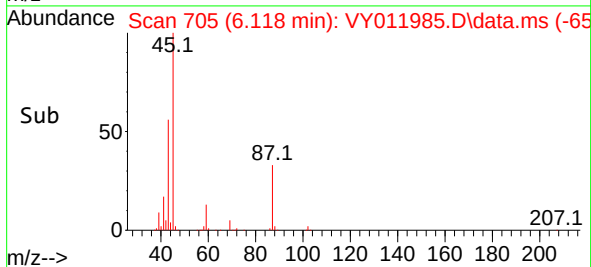
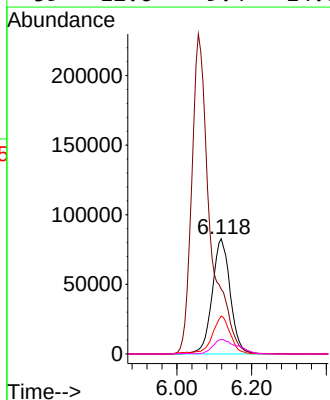
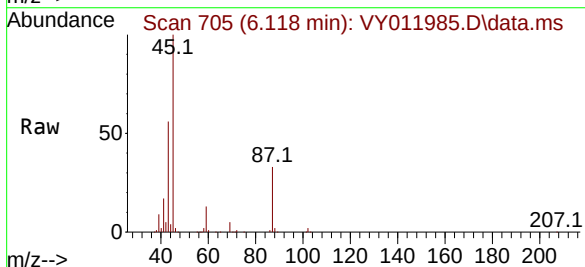
Instrument :
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ClientSampleId :
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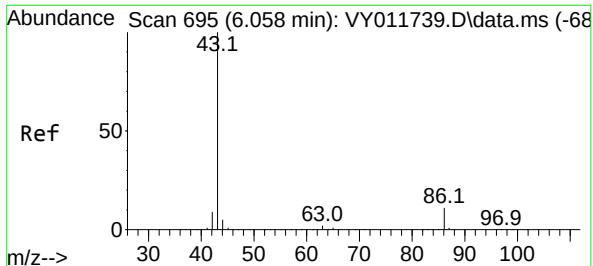
Tgt Ion: 96 Resp: 102596
Ion Ratio Lower Upper
96 100
61 130.2 108.0 162.0
98 64.7 51.6 77.4



#22
Diisopropyl ether
Concen: 46.457 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

Tgt Ion: 45 Resp: 276964
Ion Ratio Lower Upper
45 100
43 55.9 45.0 67.4
87 33.0 22.6 33.8
59 12.6 9.4 14.0

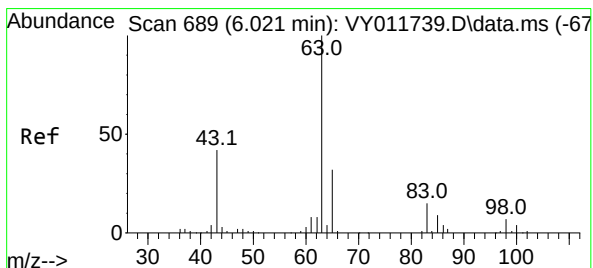
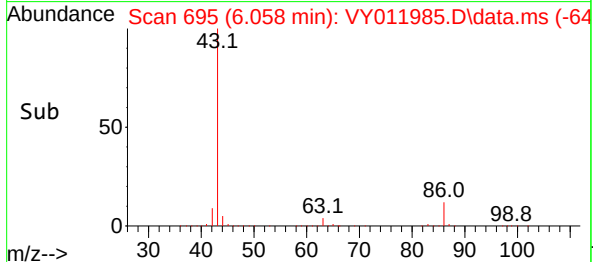
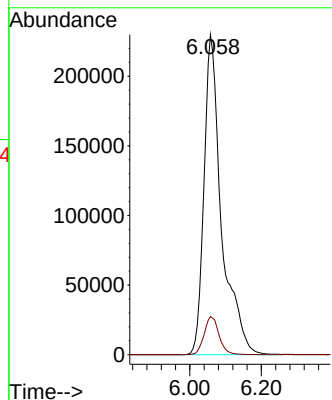
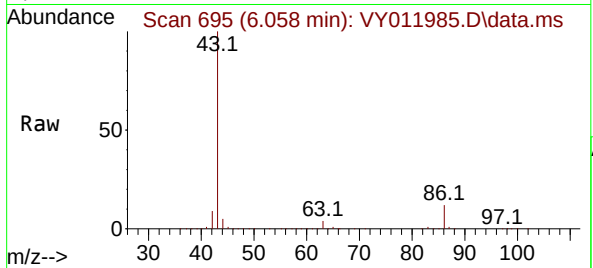




#23
 Vinyl Acetate
 Concen: 227.800 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY011985.D
 Acq: 22 Dec 2022 19:18

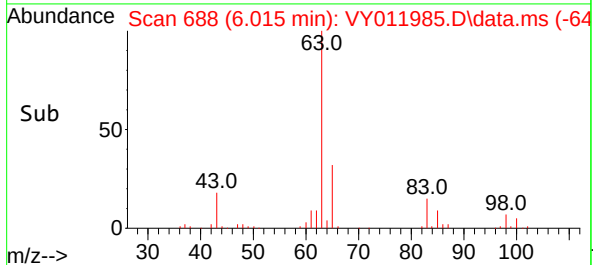
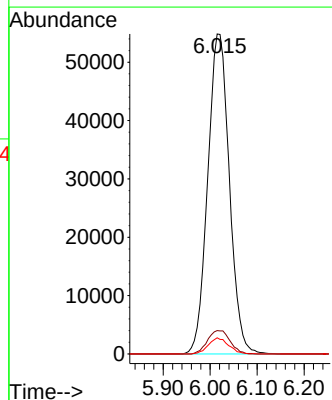
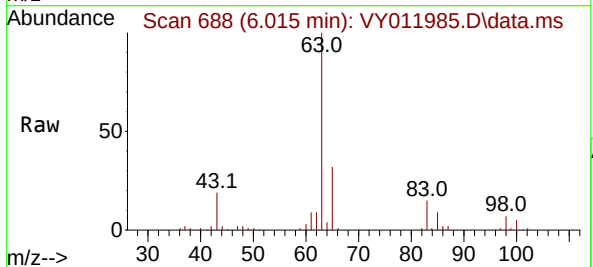
Instrument :
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 ClientSampleId :
 VSTDCCC050EC

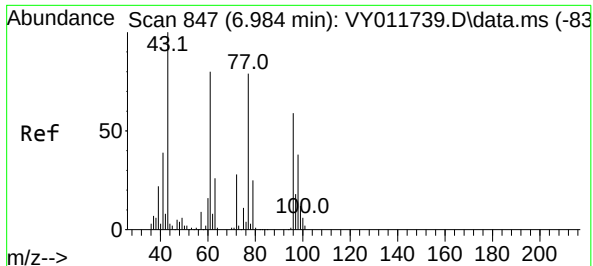
Tgt Ion: 43 Resp: 781353
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 45.217 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY011985.D
 Acq: 22 Dec 2022 19:18

Tgt Ion: 63 Resp: 175225
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.5
 100 5.1 2.2 6.6

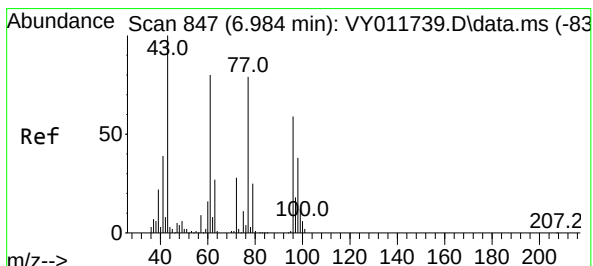
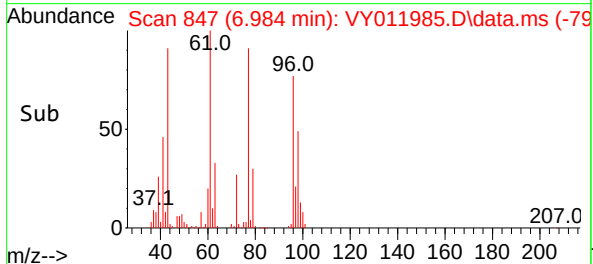
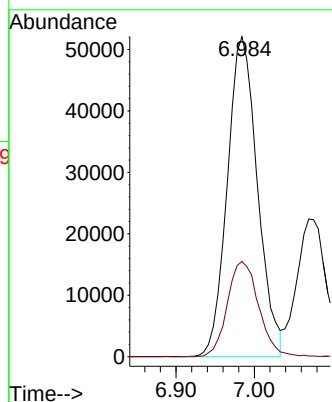
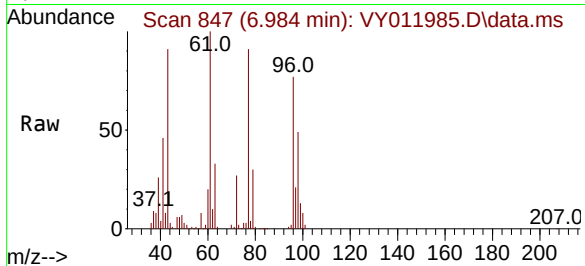




#25
2-Butanone
Concen: 191.420 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

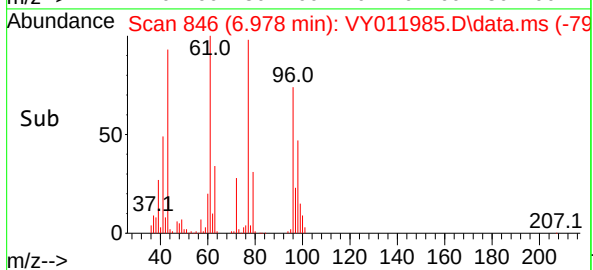
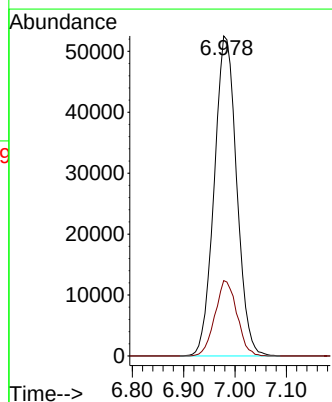
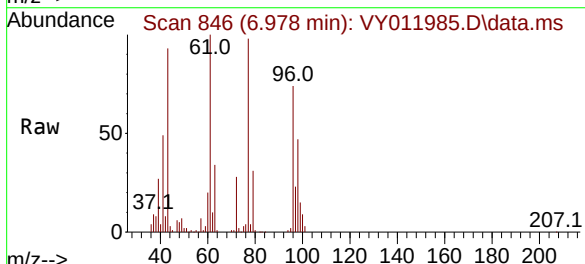
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

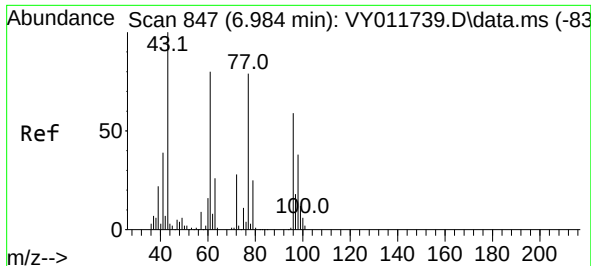
Tgt Ion: 43 Resp: 139568
Ion Ratio Lower Upper
43 100
72 29.7 22.6 34.0



#26
2,2-Dichloropropane
Concen: 42.058 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

Tgt Ion: 77 Resp: 159482
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.1



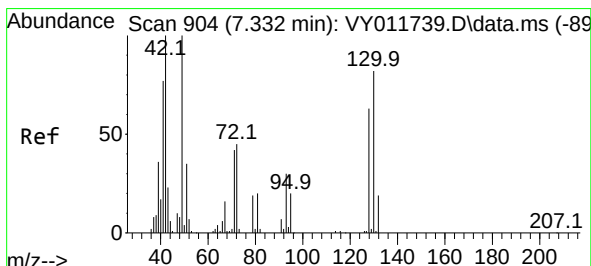
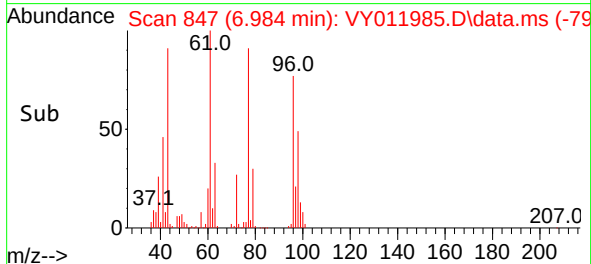
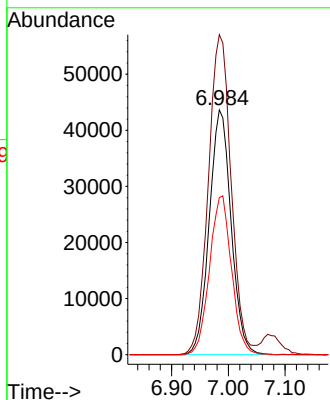
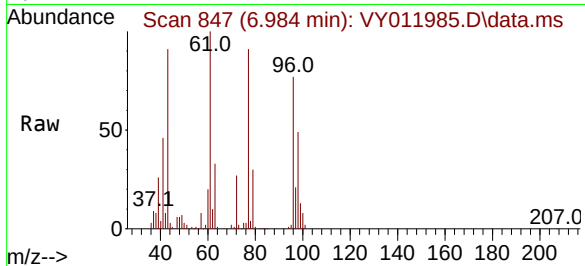


#27
 cis-1,2-Dichloroethene
 Concen: 46.269 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY011985.D
 Acq: 22 Dec 2022 19:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 116879

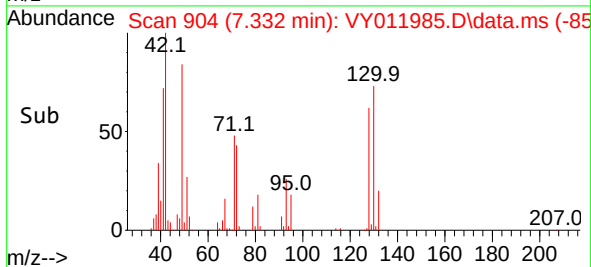
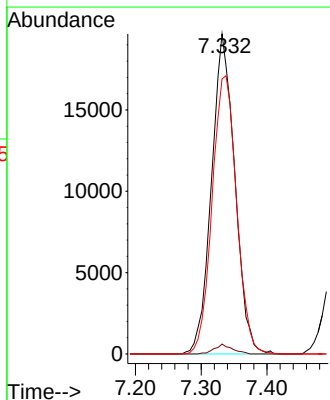
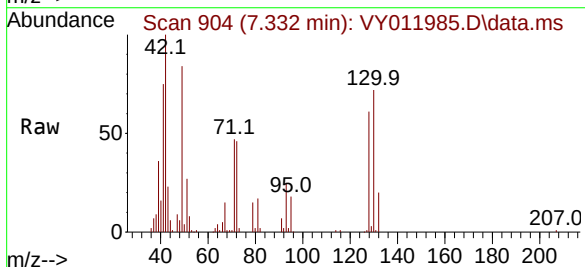
Ion	Ratio	Lower	Upper
96	100		
61	136.1	0.0	283.4
98	65.2	0.0	127.6

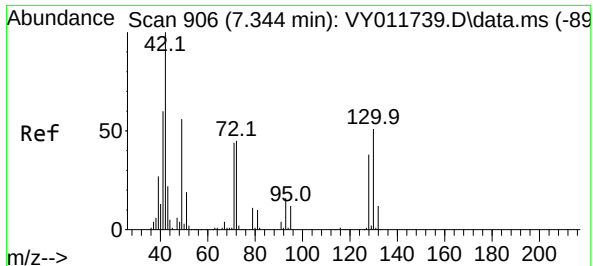


#28
 Bromochloromethane
 Concen: 45.623 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY011985.D
 Acq: 22 Dec 2022 19:18

Tgt Ion: 49 Resp: 48516

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	91.1	66.7	100.1





#29

Tetrahydrofuran

Concen: 214.044 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY011985.D

Acq: 22 Dec 2022 19:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

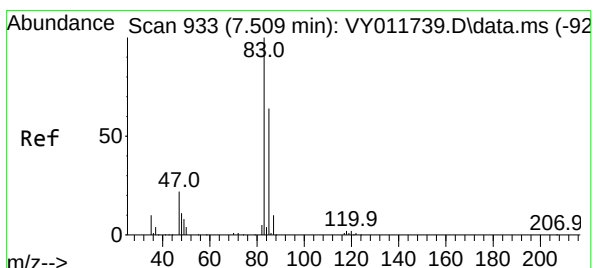
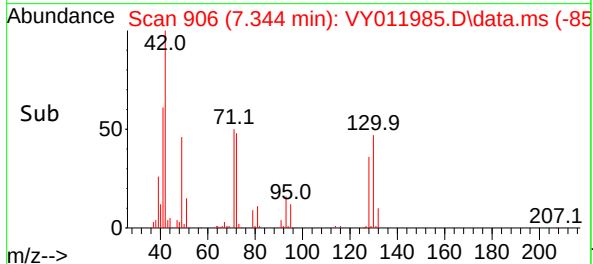
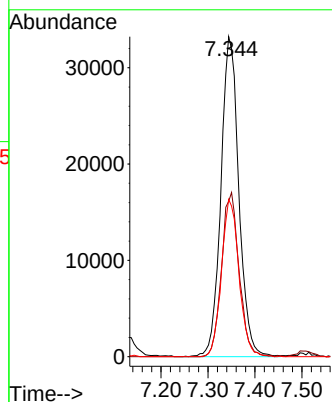
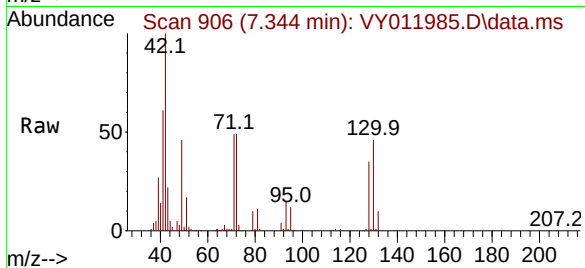
Tgt Ion: 42 Resp: 88422

Ion Ratio Lower Upper

42 100

72 50.3 37.0 55.6

71 47.9 34.9 52.3



#30

Chloroform

Concen: 45.887 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY011985.D

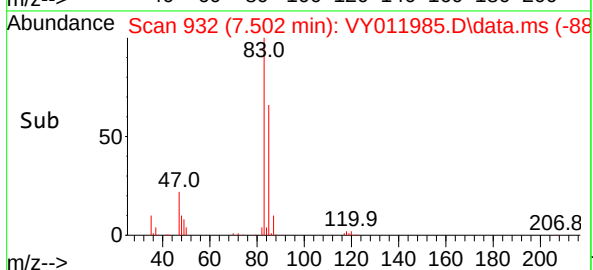
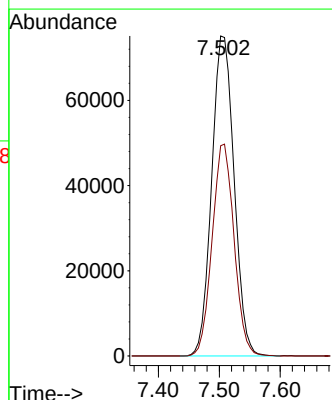
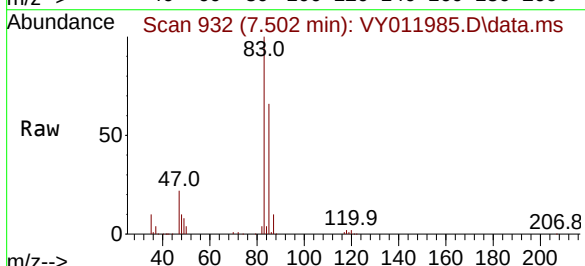
Acq: 22 Dec 2022 19:18

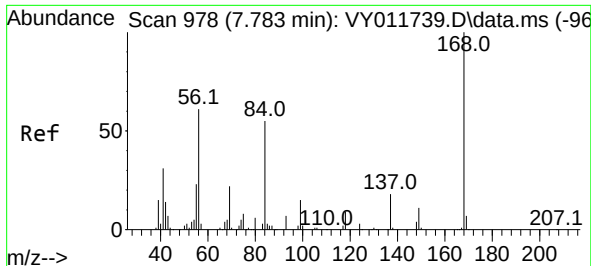
Tgt Ion: 83 Resp: 191664

Ion Ratio Lower Upper

83 100

85 65.7 51.5 77.3

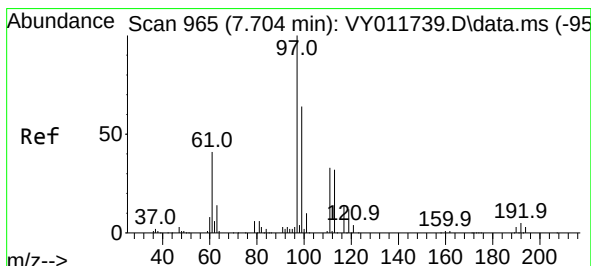
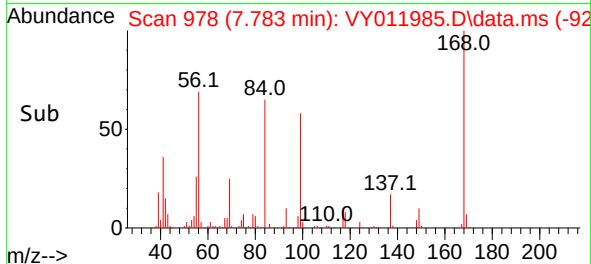
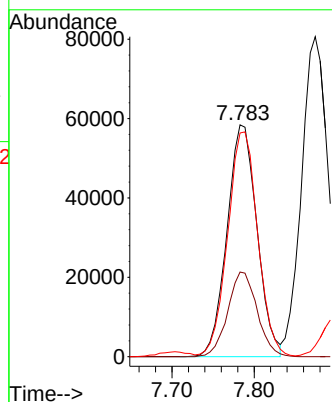
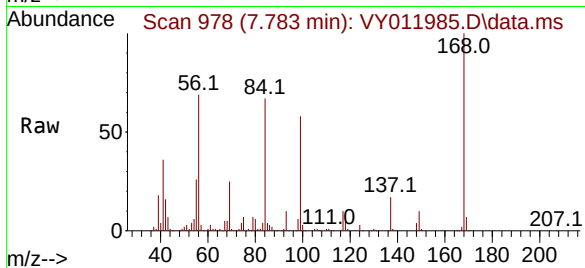




#31
Cyclohexane
Concen: 40.261 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

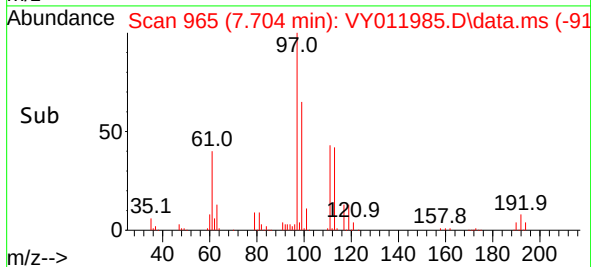
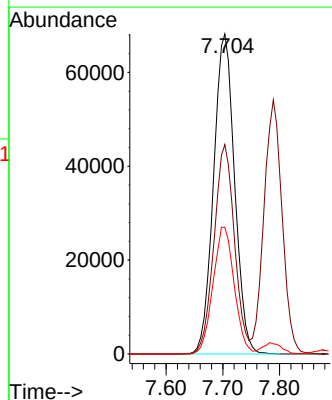
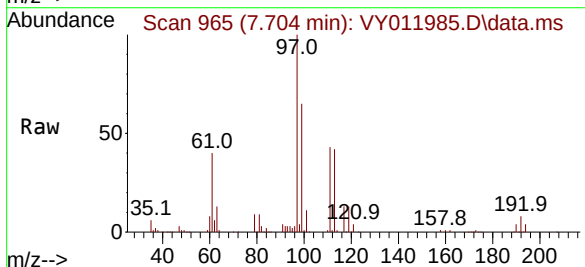
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

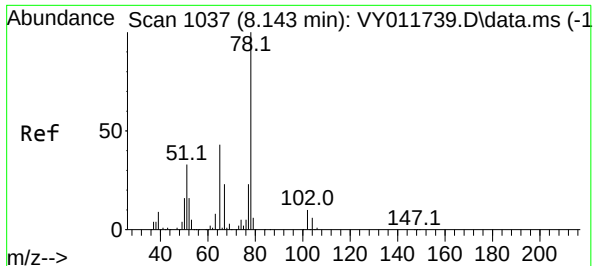
Tgt Ion: 56 Resp: 148354
Ion Ratio Lower Upper
56 100
69 36.5 29.2 43.8
84 94.5 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 44.236 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

Tgt Ion: 97 Resp: 175741
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.4
61 39.9 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 48.247 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011985.D

Acq: 22 Dec 2022 19:18

Instrument :

MSVOA_Y

ClientSampleId :

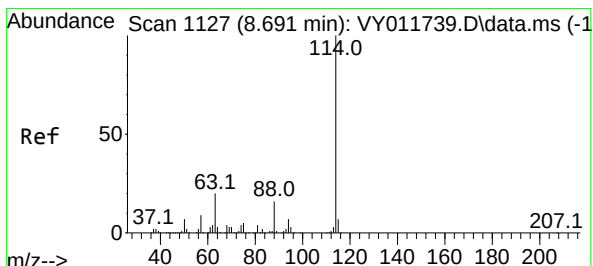
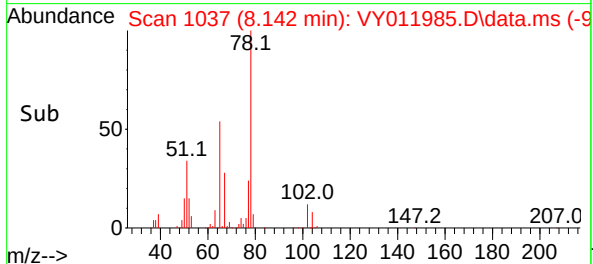
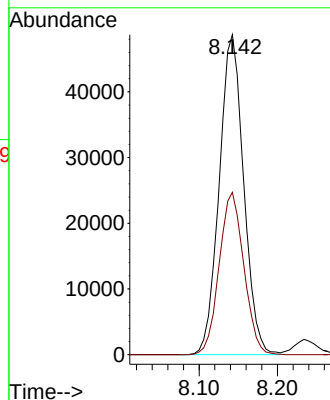
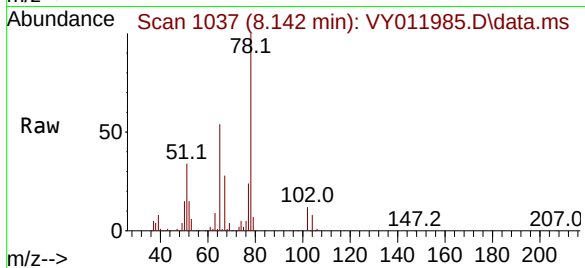
VSTDCCC050EC

Tgt Ion: 65 Resp: 105604

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011985.D

Acq: 22 Dec 2022 19:18

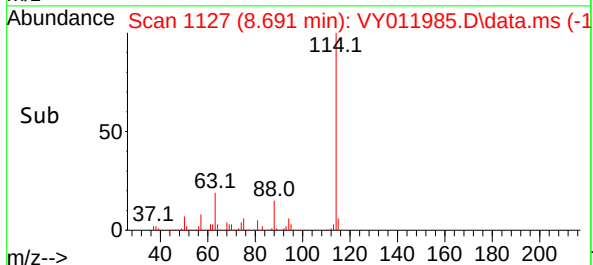
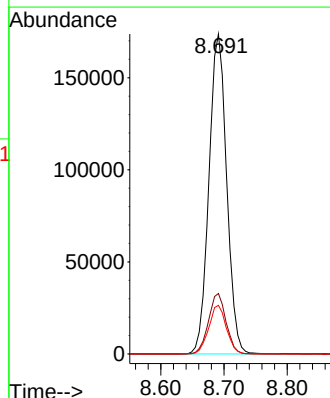
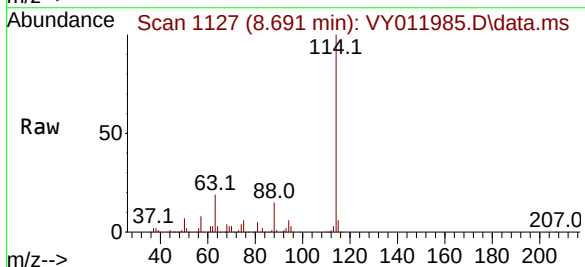
Tgt Ion: 114 Resp: 338493

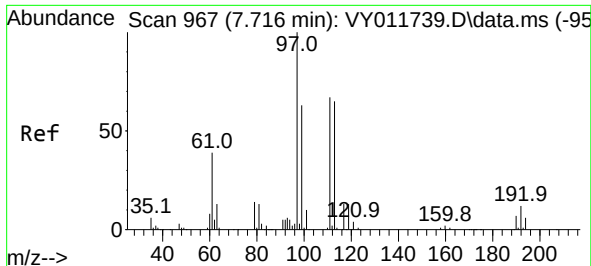
Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 15.2 0.0 32.2

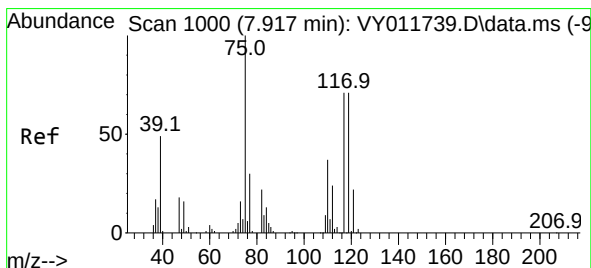
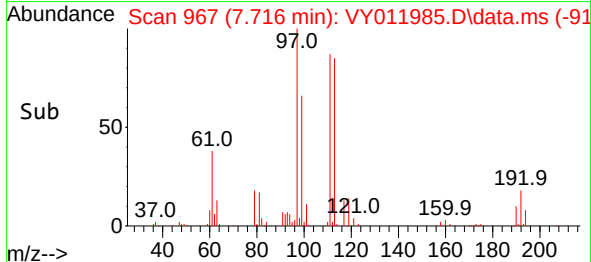
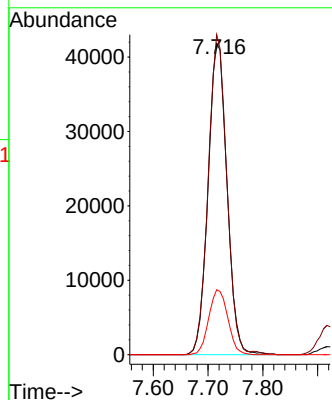
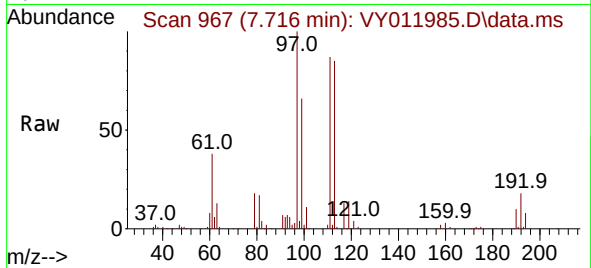




#35
Dibromofluoromethane
Concen: 49.125 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

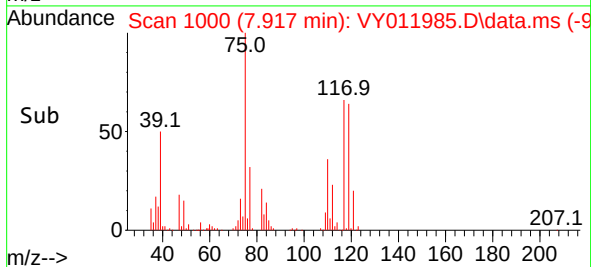
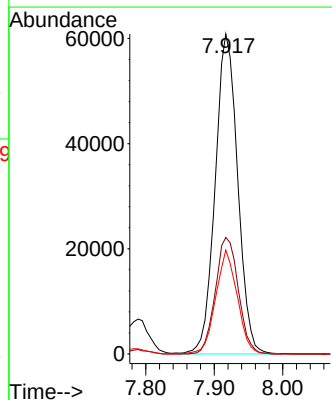
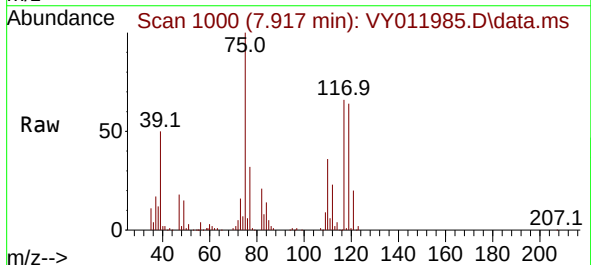
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

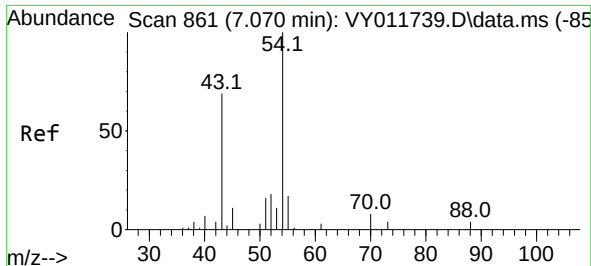
Tgt Ion:113 Resp: 100108
Ion Ratio Lower Upper
113 100
111 101.3 83.0 124.4
192 21.0 16.0 24.0



#36
1,1-Dichloropropene
Concen: 42.396 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

Tgt Ion: 75 Resp: 138581
Ion Ratio Lower Upper
75 100
110 37.1 18.1 54.1
77 31.1 25.1 37.7





#37

Ethyl Acetate

Concen: 42.120 ug/l

RT: 7.069 min Scan# 80

Delta R.T. -0.001 min

Lab File: VY011985.D

Acq: 22 Dec 2022 19:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

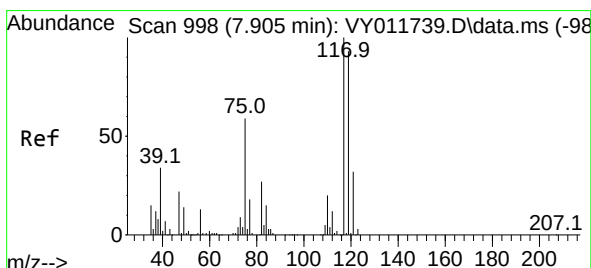
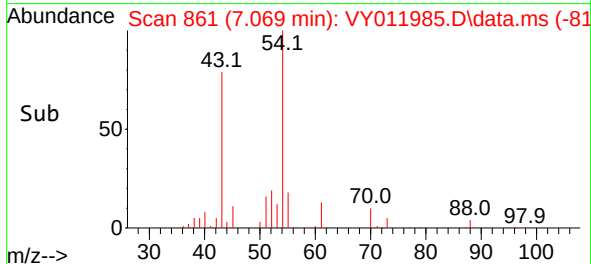
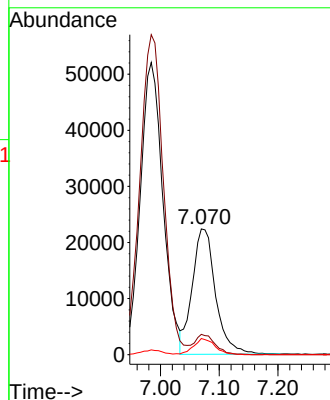
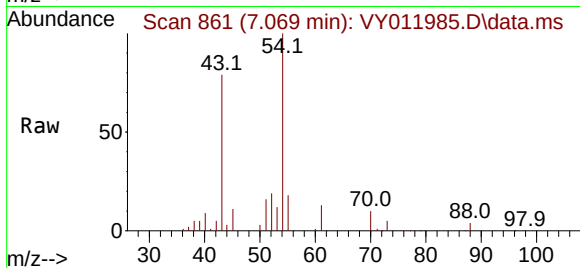
Tgt Ion: 43 Resp: 61770

Ion Ratio Lower Upper

43 100

61 14.6 11.3 16.9

70 11.8 8.2 12.4



#38

Carbon Tetrachloride

Concen: 43.004 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY011985.D

Acq: 22 Dec 2022 19:18

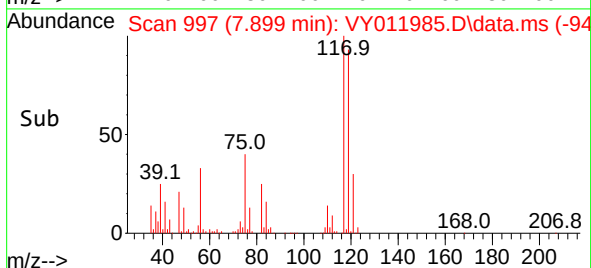
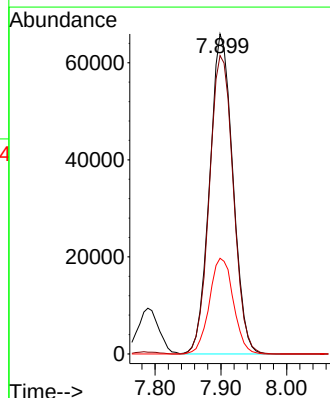
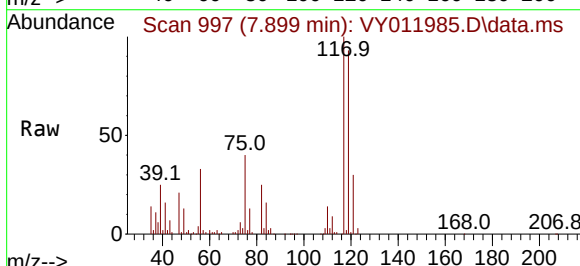
Tgt Ion: 117 Resp: 162346

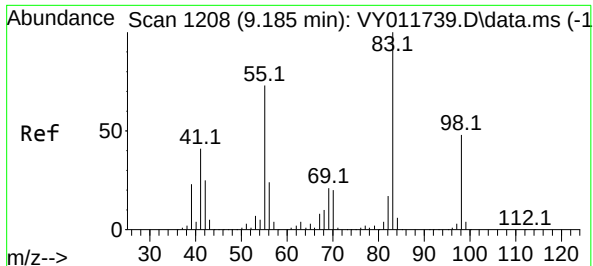
Ion Ratio Lower Upper

117 100

119 93.3 73.8 110.8

121 29.9 25.2 37.8





#39

Methylcyclohexane

Concen: 42.849 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011985.D

Acq: 22 Dec 2022 19:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

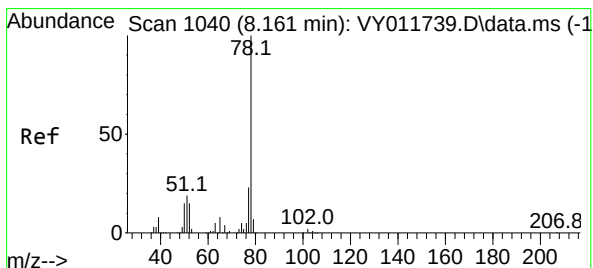
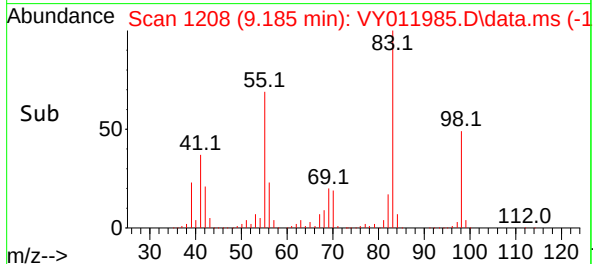
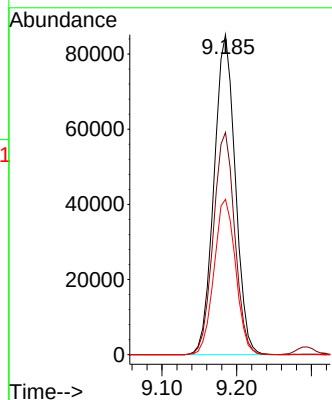
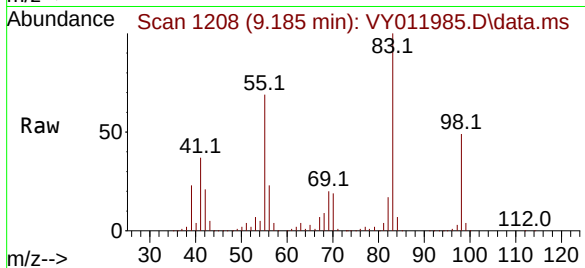
Tgt Ion: 83 Resp: 168531

Ion Ratio Lower Upper

83 100

55 69.5 58.2 87.2

98 48.5 38.6 58.0



#40

Benzene

Concen: 43.923 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY011985.D

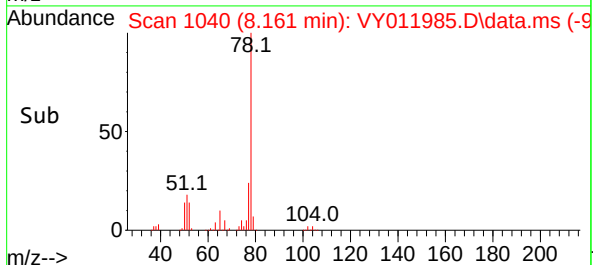
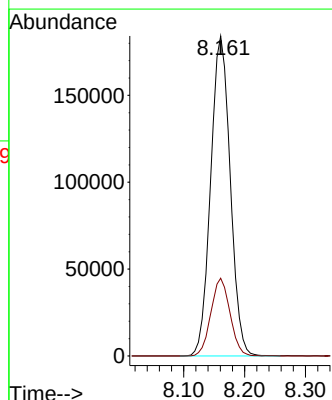
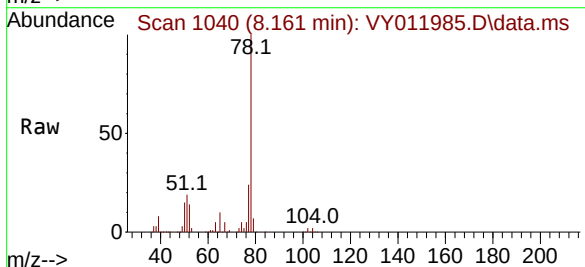
Acq: 22 Dec 2022 19:18

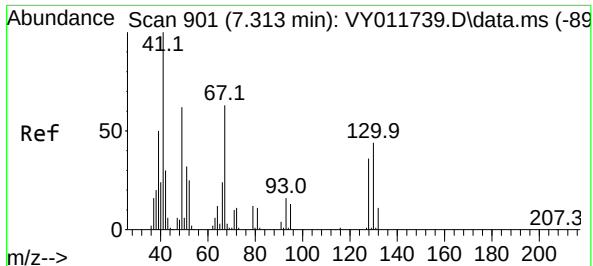
Tgt Ion: 78 Resp: 410874

Ion Ratio Lower Upper

78 100

77 24.3 18.6 27.8

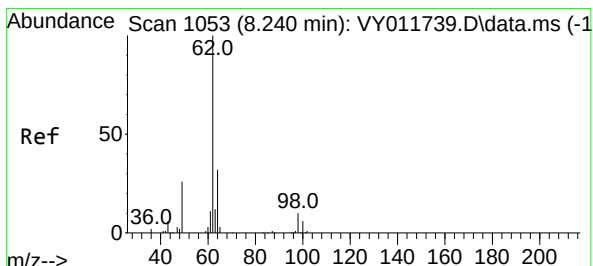
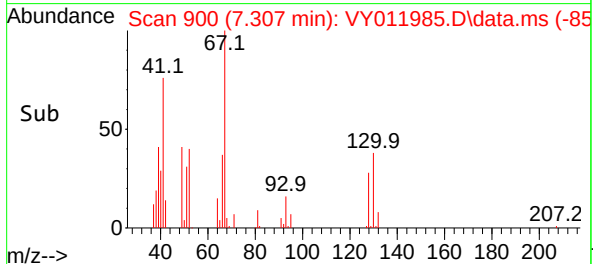
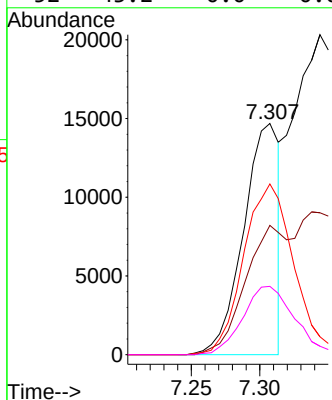
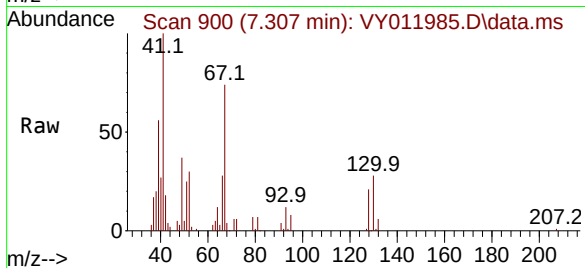




#41
Methacrylonitrile
Concen: 37.799 ug/l
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

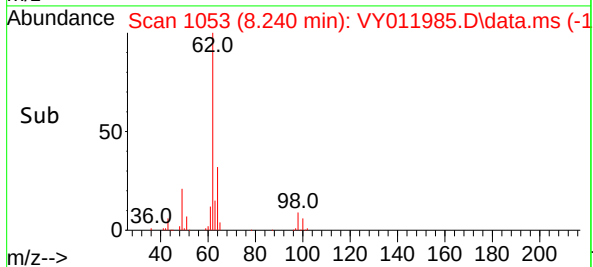
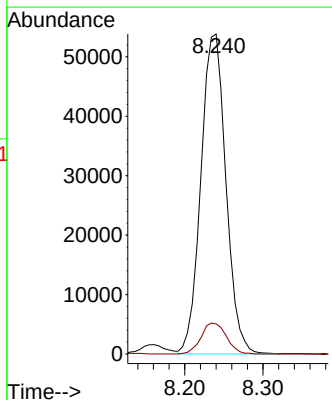
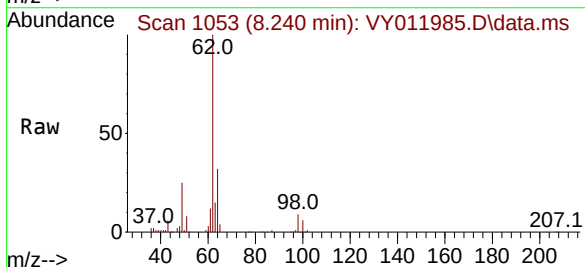
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

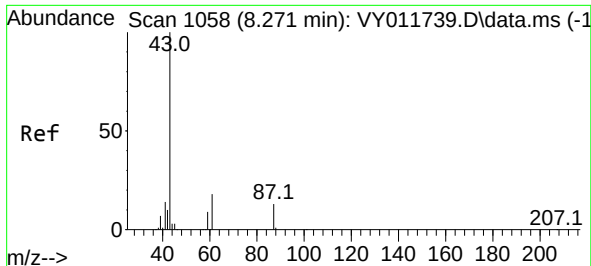
Tgt Ion: 41	Resp: 26806
Ion Ratio	Lower Upper
41 100	
39 64.1	0.0 0.0#
67 103.8	0.0 0.0#
52 43.2	0.0 0.0#



#42
1,2-Dichloroethane
Concen: 44.382 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

Tgt Ion: 62	Resp: 119517
Ion Ratio	Lower Upper
62 100	
98 9.8	0.0 19.6





#43

Isopropyl Acetate

Concen: 42.352 ug/l

RT: 8.271 min Scan# 11058

Delta R.T. -0.000 min

Lab File: VY011985.D

Acq: 22 Dec 2022 19:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

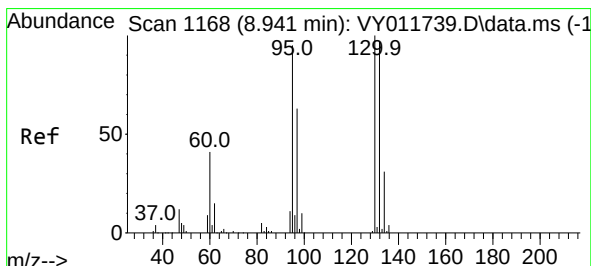
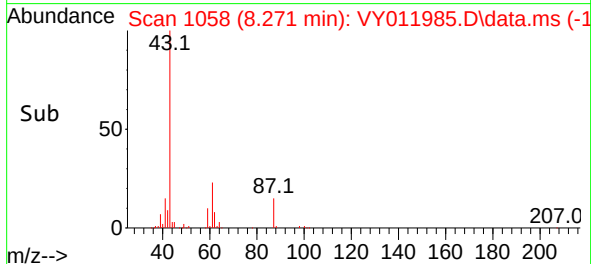
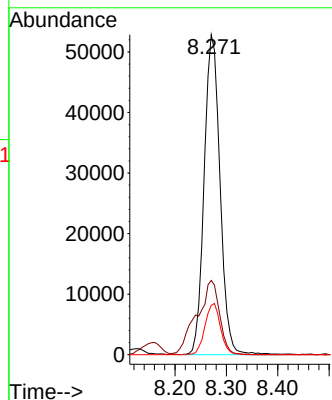
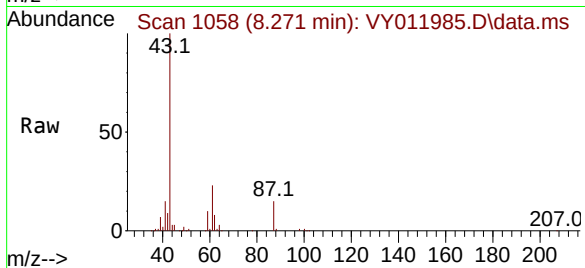
Tgt Ion: 43 Resp: 113436

Ion Ratio Lower Upper

43 100

61 33.1 24.4 36.6

87 15.6 11.4 17.2



#44

Trichloroethene

Concen: 43.798 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VY011985.D

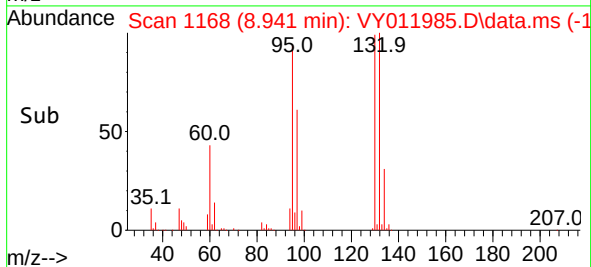
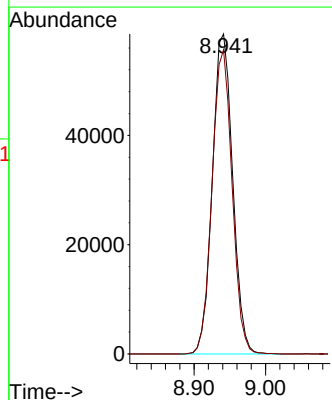
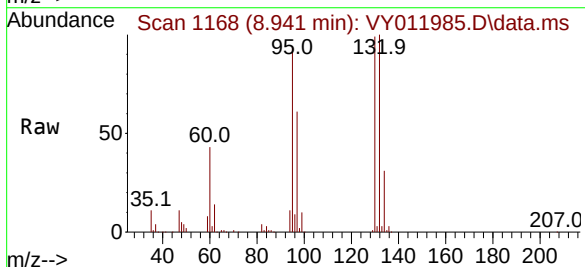
Acq: 22 Dec 2022 19:18

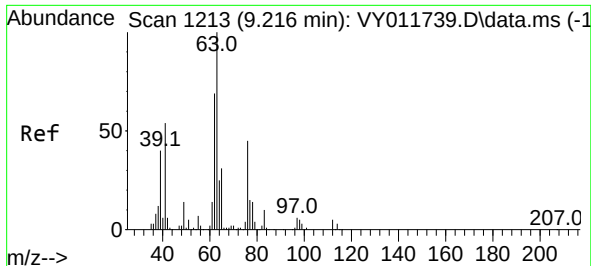
Tgt Ion:130 Resp: 115480

Ion Ratio Lower Upper

130 100

95 95.0 0.0 190.6





#45

1,2-Dichloropropane

Concen: 44.597 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY011985.D

Acq: 22 Dec 2022 19:18

Instrument :

MSVOA_Y

ClientSampleId :

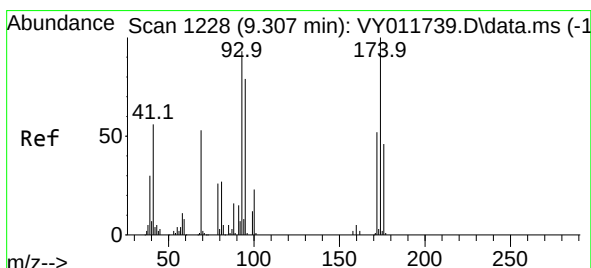
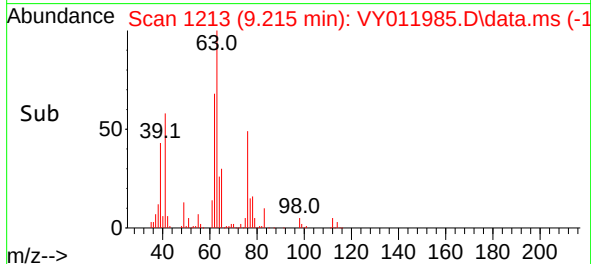
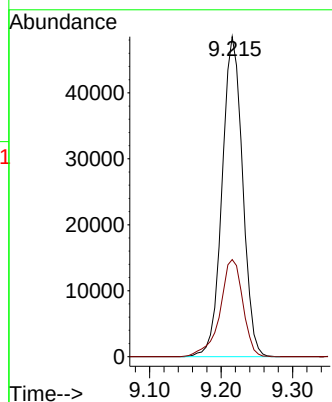
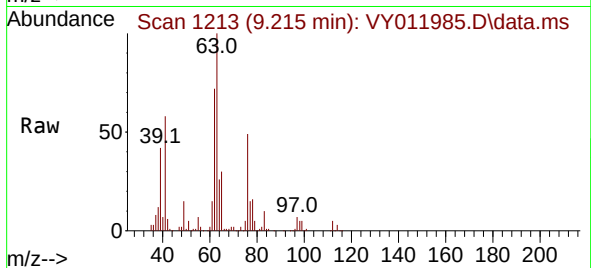
VSTDCCC050EC

Tgt Ion: 63 Resp: 96390

Ion Ratio Lower Upper

63 100

65 30.3 24.9 37.3



#46

Dibromomethane

Concen: 44.093 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY011985.D

Acq: 22 Dec 2022 19:18

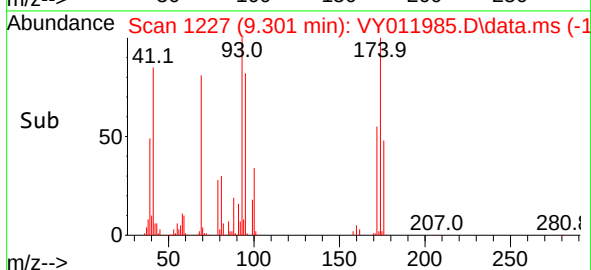
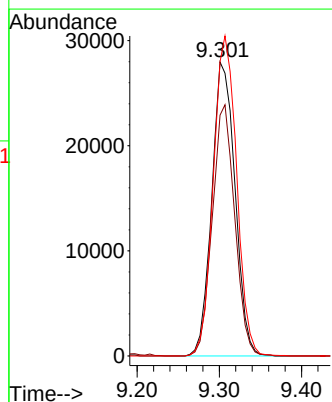
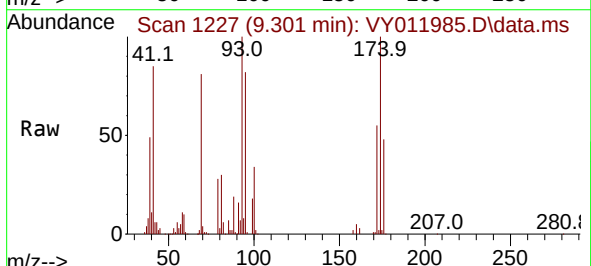
Tgt Ion: 93 Resp: 54895

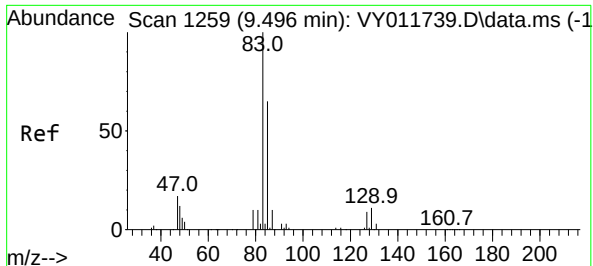
Ion Ratio Lower Upper

93 100

95 82.7 66.1 99.1

174 109.1 84.7 127.1

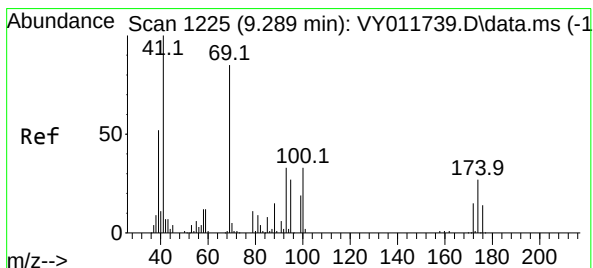
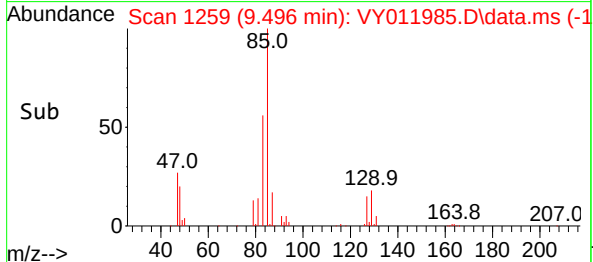
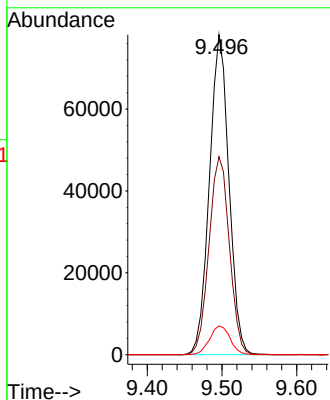
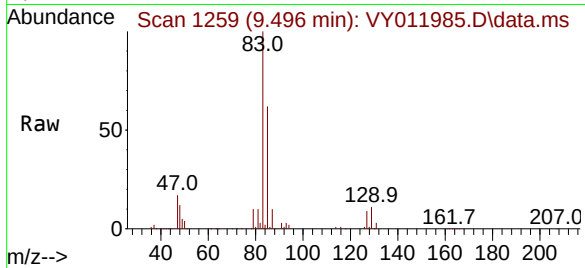




#47
Bromodichloromethane
Concen: 44.812 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

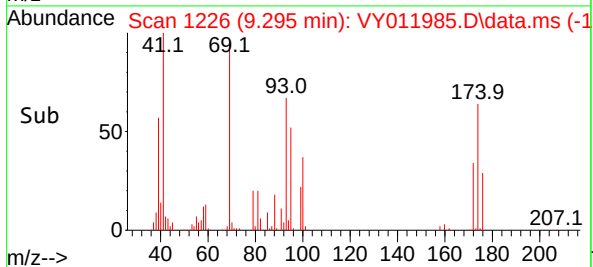
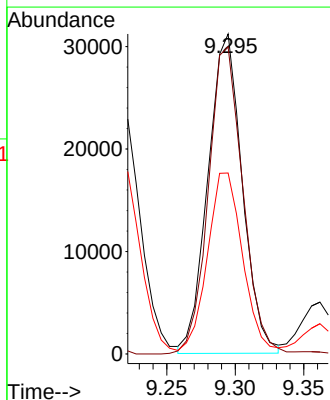
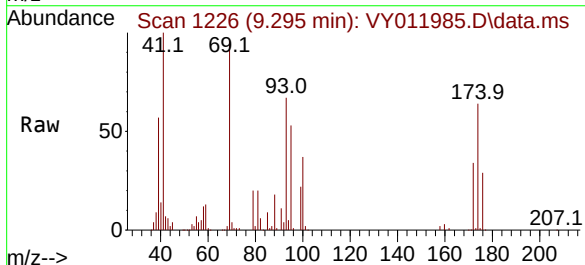
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

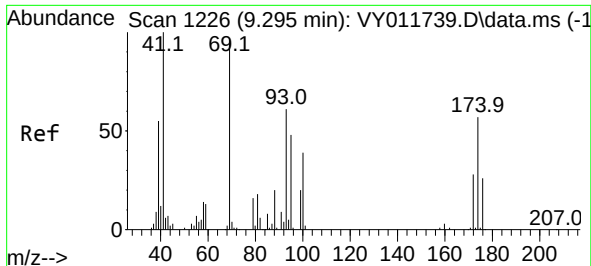
Tgt Ion: 83 Resp: 141537
Ion Ratio Lower Upper
83 100
85 61.9 52.0 78.0
127 9.0 7.3 10.9



#48
Methyl methacrylate
Concen: 43.744 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

Tgt Ion: 41 Resp: 54248
Ion Ratio Lower Upper
41 100
69 96.4 74.2 111.2
39 56.3 46.3 69.5





#49

1,4-Dioxane

Concen: 897.796 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011985.D

Acq: 22 Dec 2022 19:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

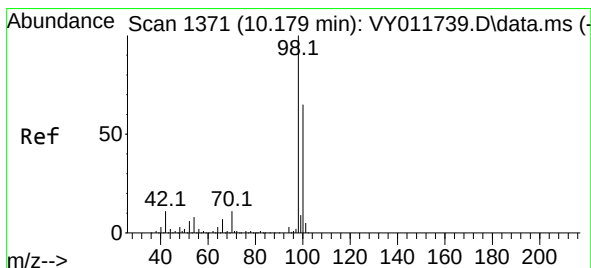
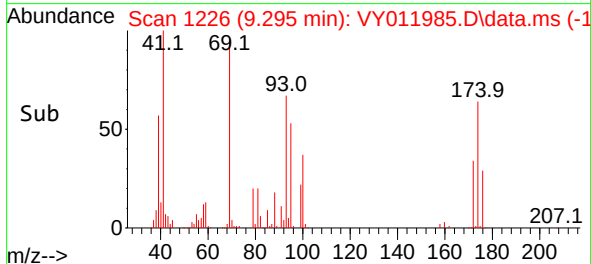
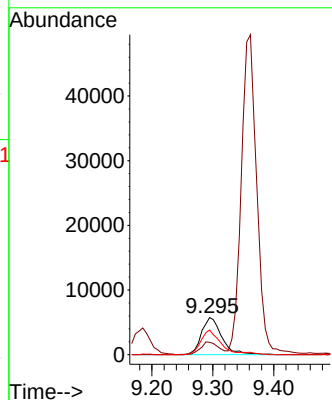
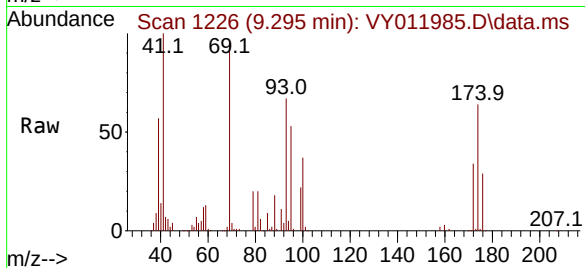
Tgt Ion: 88 Resp: 13345

Ion Ratio Lower Upper

88 100

43 30.3 26.2 39.2

58 62.0 54.3 81.5



#50

Toluene-d8

Concen: 48.737 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011985.D

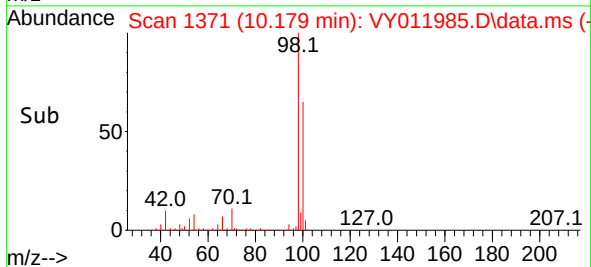
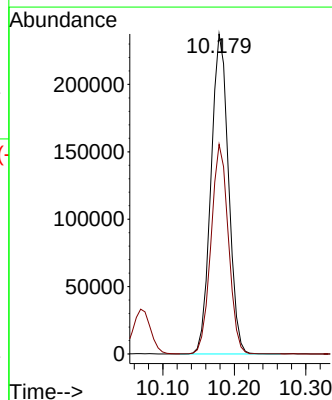
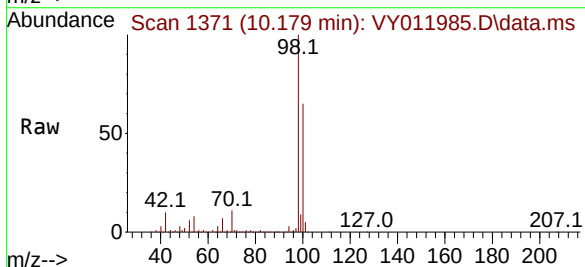
Acq: 22 Dec 2022 19:18

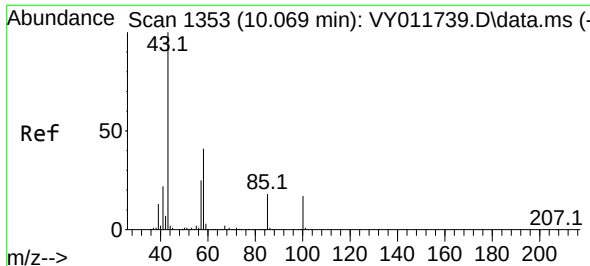
Tgt Ion: 98 Resp: 402956

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9

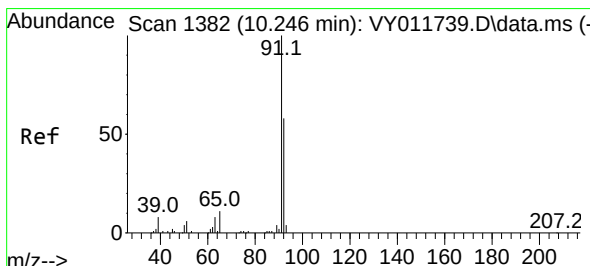
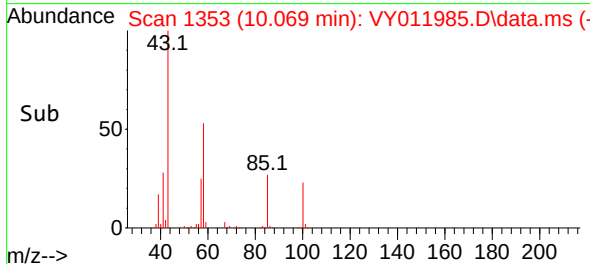
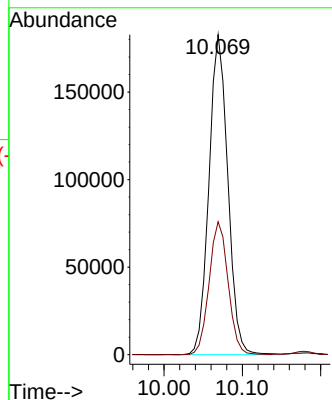
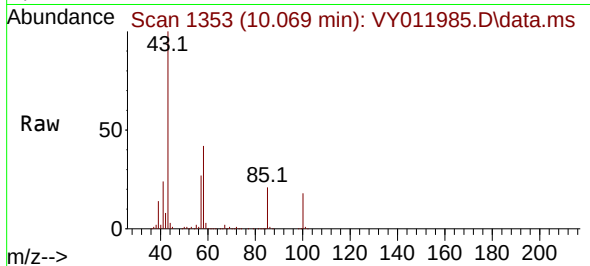




#51
4-Methyl-2-Pentanone
Concen: 214.301 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

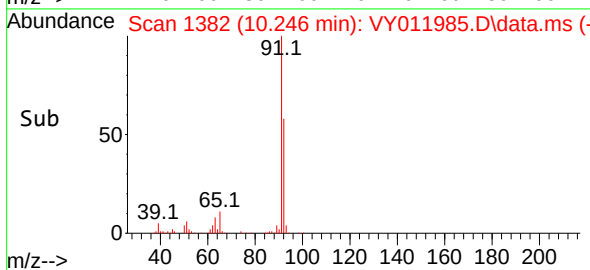
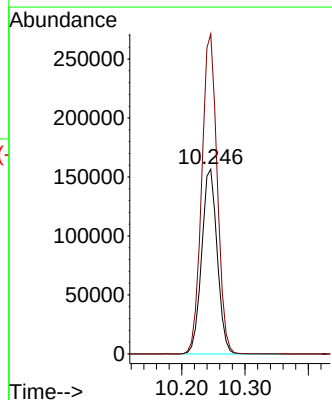
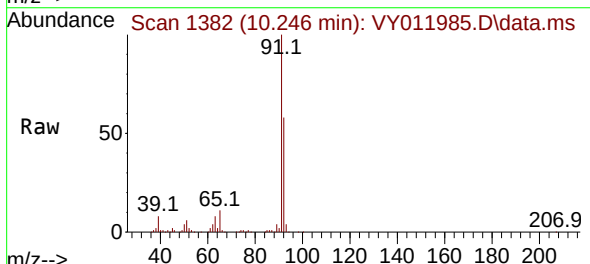
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

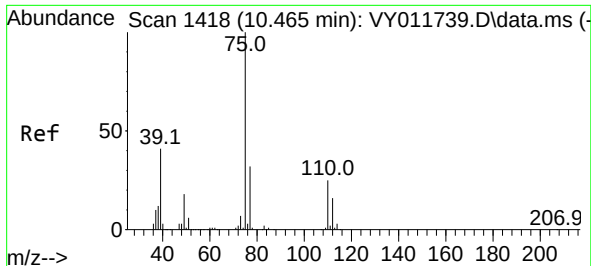
Tgt Ion: 43 Resp: 306059
Ion Ratio Lower Upper
43 100
58 41.7 32.9 49.3



#52
Toluene
Concen: 44.915 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

Tgt Ion: 92 Resp: 267690
Ion Ratio Lower Upper
92 100
91 172.4 137.4 206.0

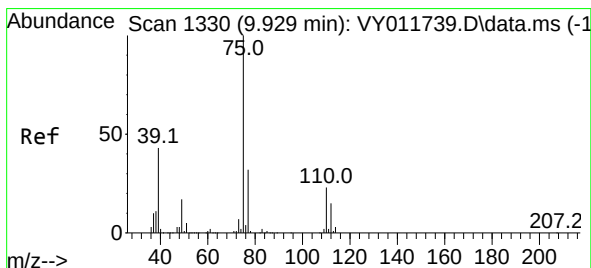
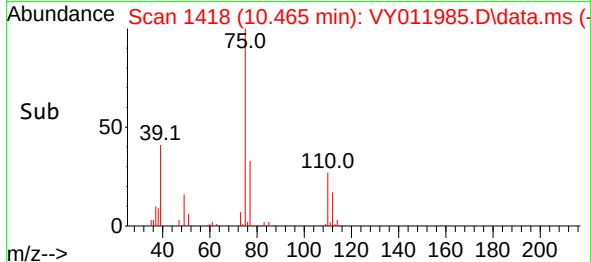
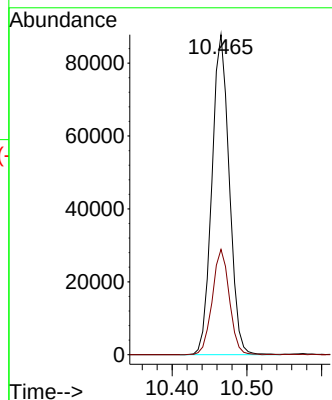
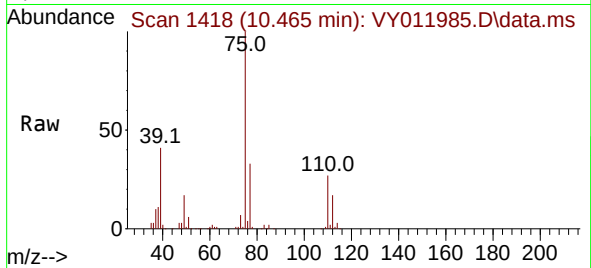




#53
 t-1,3-Dichloropropene
 Concen: 44.376 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY011985.D
 Acq: 22 Dec 2022 19:18

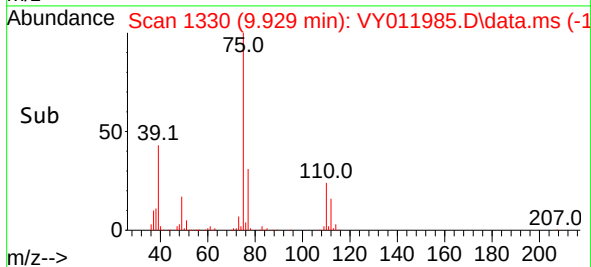
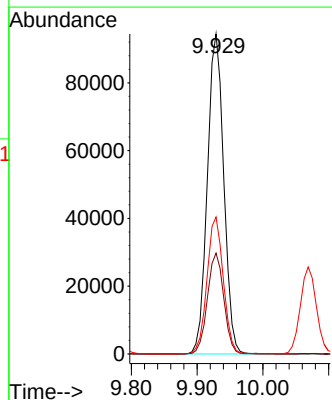
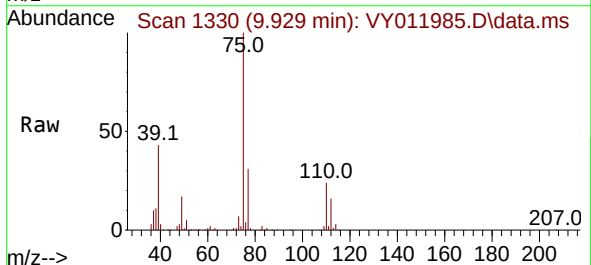
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

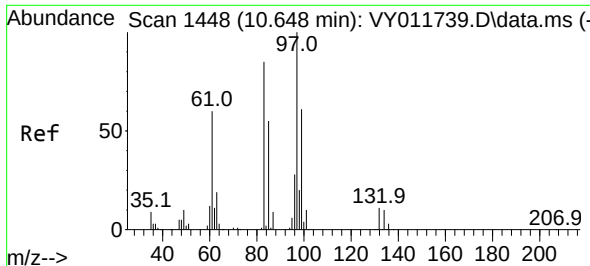
Tgt Ion: 75 Resp: 141628
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 45.569 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY011985.D
 Acq: 22 Dec 2022 19:18

Tgt Ion: 75 Resp: 163475
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.9 38.9
 39 42.8 34.6 52.0

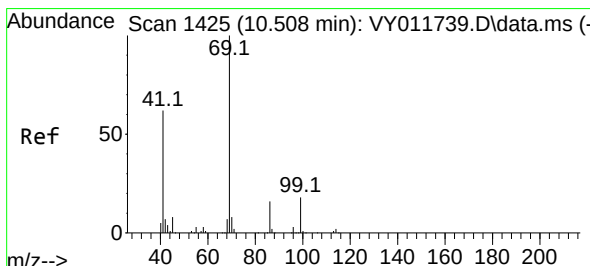
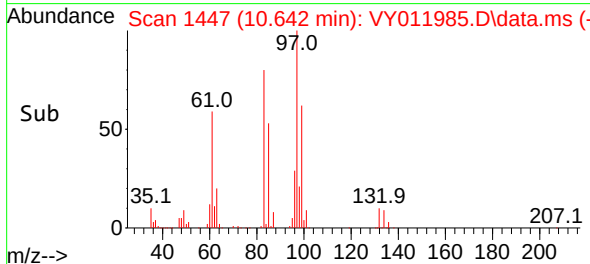
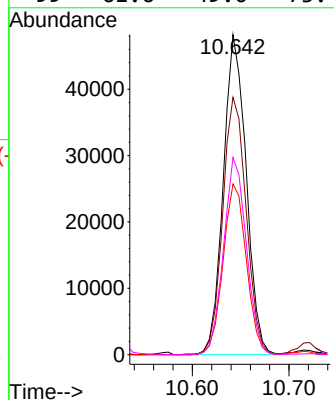
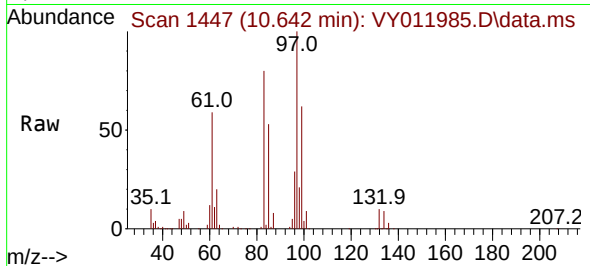




#55
 1,1,2-Trichloroethane
 Concen: 44.836 ug/l
 RT: 10.642 min Scan# 1447
 Delta R.T. -0.006 min
 Lab File: VY011985.D
 Acq: 22 Dec 2022 19:18

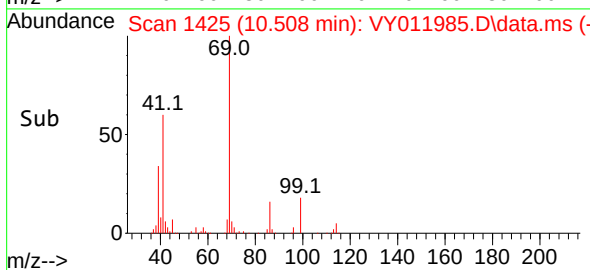
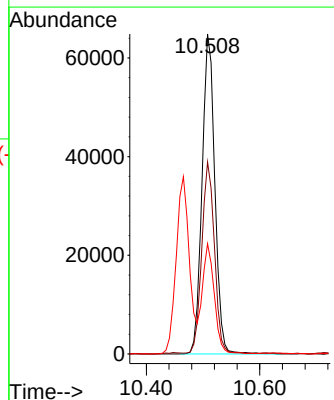
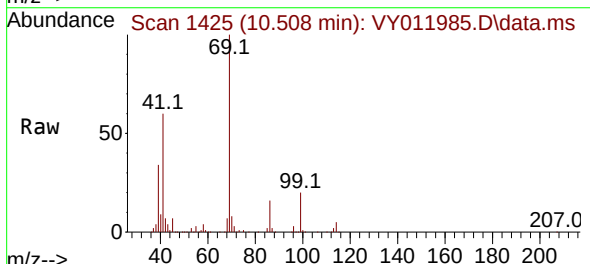
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

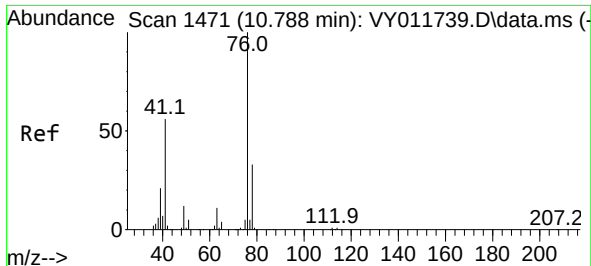
Tgt Ion: 97	Resp: 79212
Ion Ratio	Lower Upper
97 100	
83 80.4	67.7 101.5
85 53.4	43.8 65.8
99 61.6	49.0 73.4



#56
 Ethyl methacrylate
 Concen: 45.375 ug/l
 RT: 10.508 min Scan# 1425
 Delta R.T. -0.000 min
 Lab File: VY011985.D
 Acq: 22 Dec 2022 19:18

Tgt Ion: 69	Resp: 101496
Ion Ratio	Lower Upper
69 100	
41 59.1	48.9 73.3
39 31.8	25.9 38.9





#57

1,3-Dichloropropane

Concen: 44.785 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY011985.D

Acq: 22 Dec 2022 19:18

Instrument :

MSVOA_Y

ClientSampleId :

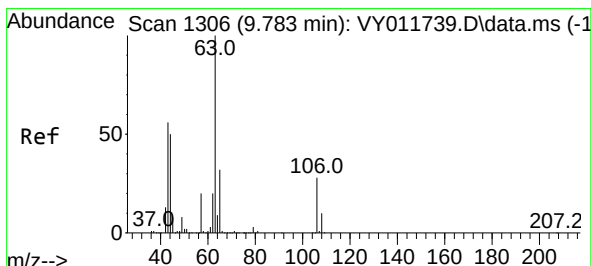
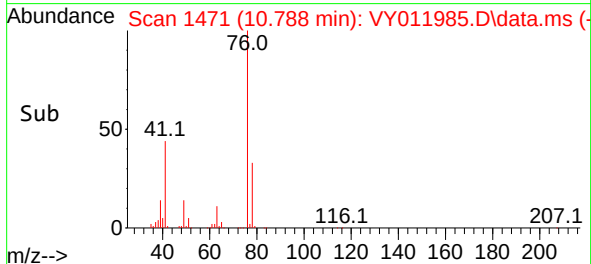
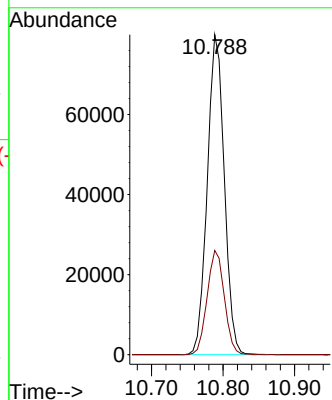
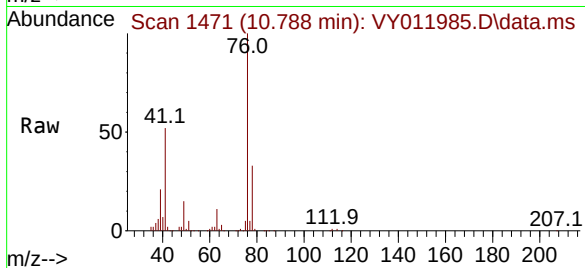
VSTDCCC050EC

Tgt Ion: 76 Resp: 132038

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 229.491 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY011985.D

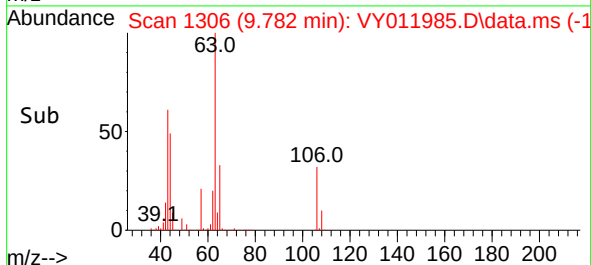
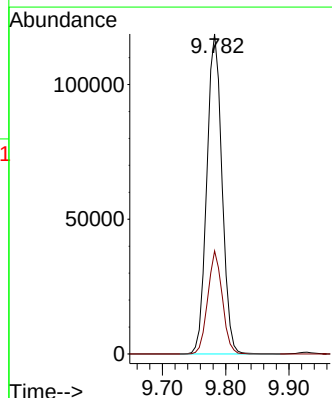
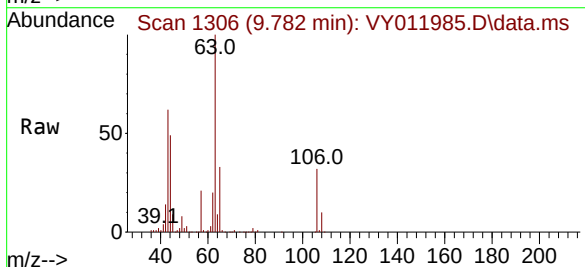
Acq: 22 Dec 2022 19:18

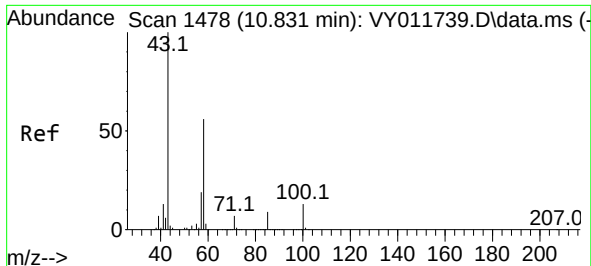
Tgt Ion: 63 Resp: 198083

Ion Ratio Lower Upper

63 100

106 30.8 23.2 34.8





#59

2-Hexanone

Concen: 204.458 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VY011985.D

Acq: 22 Dec 2022 19:18

Instrument :

MSVOA_Y

ClientSampleId :

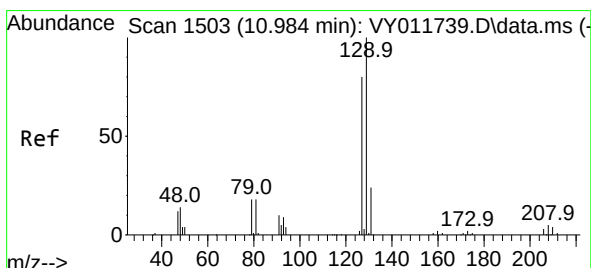
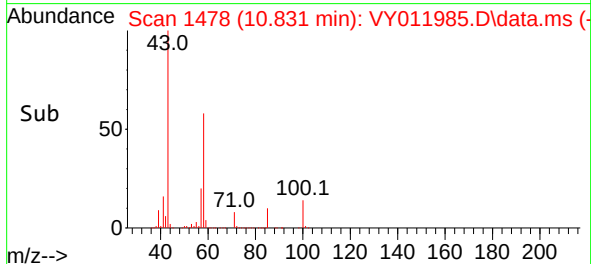
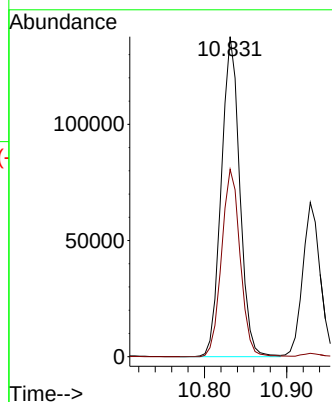
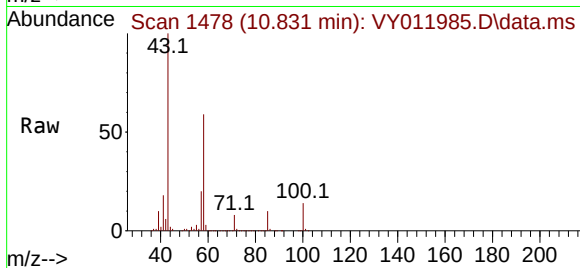
VSTDCCC050EC

Tgt Ion: 43 Resp: 214819

Ion Ratio Lower Upper

43 100

58 59.1 28.4 85.2



#60

Dibromochloromethane

Concen: 45.534 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. -0.000 min

Lab File: VY011985.D

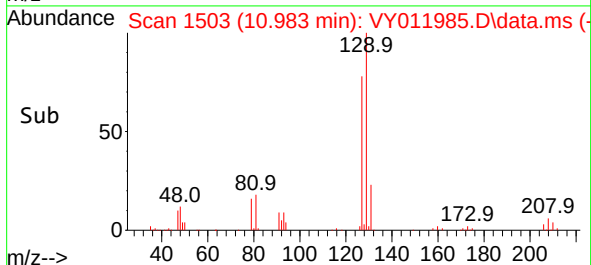
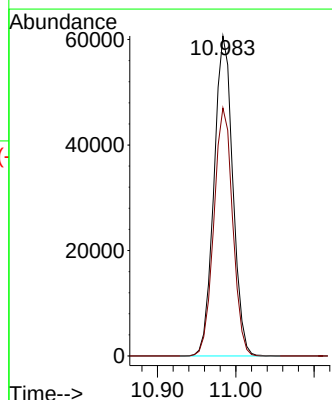
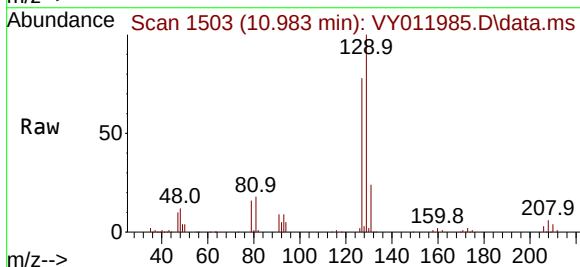
Acq: 22 Dec 2022 19:18

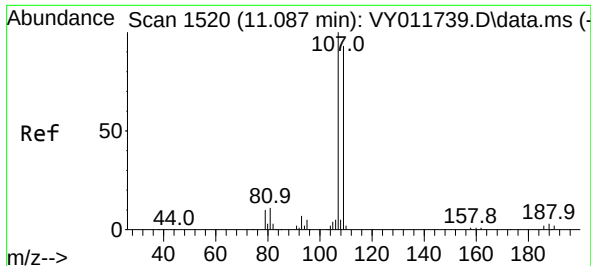
Tgt Ion:129 Resp: 101341

Ion Ratio Lower Upper

129 100

127 77.4 38.9 116.6

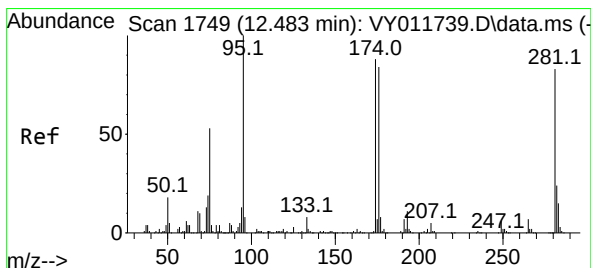
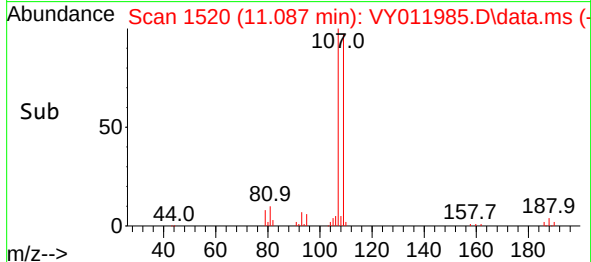
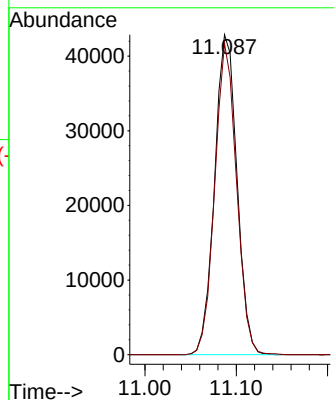
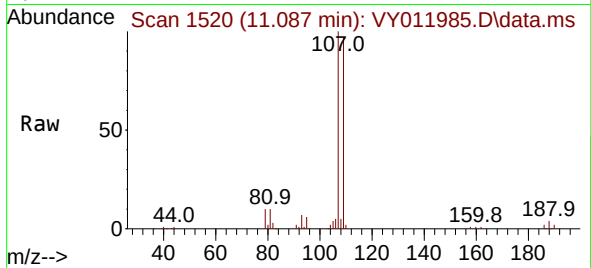




#61
1,2-Dibromoethane
Concen: 44.171 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

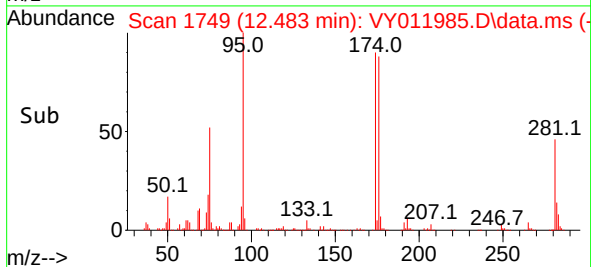
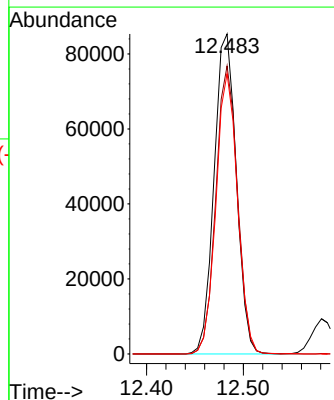
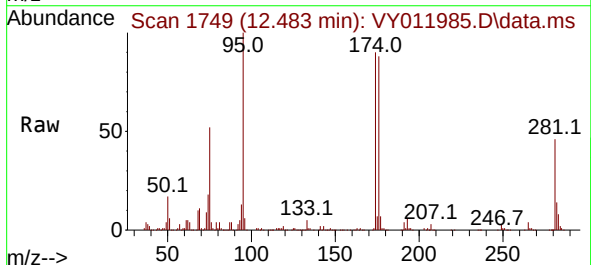
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

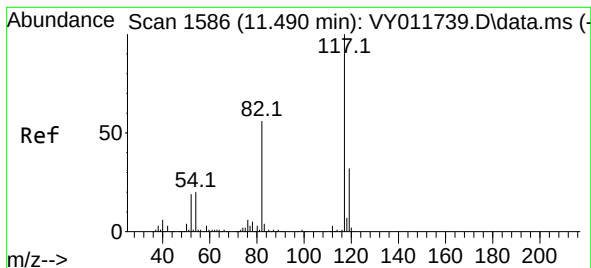
Tgt Ion:107 Resp: 73010
Ion Ratio Lower Upper
107 100
109 94.5 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 48.920 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

Tgt Ion: 95 Resp: 136032
Ion Ratio Lower Upper
95 100
174 87.6 0.0 172.0
176 85.0 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011985.D

Acq: 22 Dec 2022 19:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

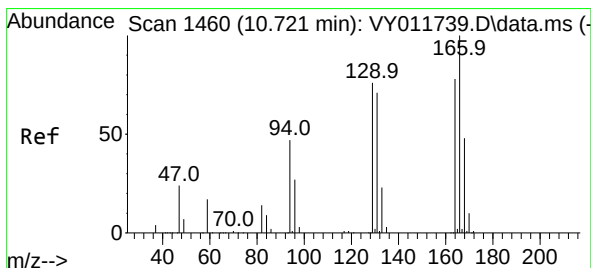
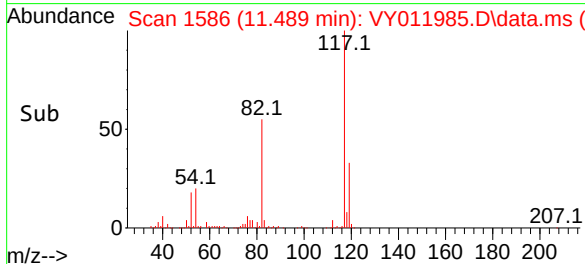
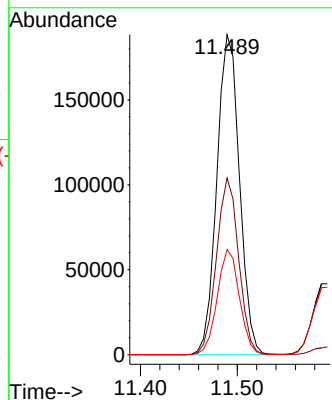
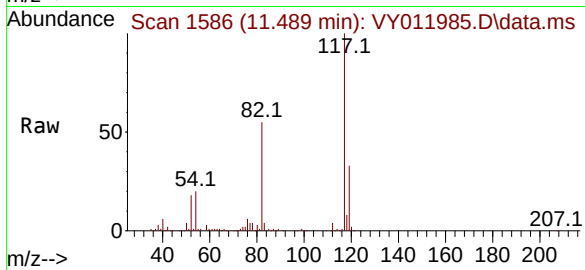
Tgt Ion:117 Resp: 305861

Ion Ratio Lower Upper

117 100

82 55.2 44.8 67.2

119 32.9 25.4 38.2



#64

Tetrachloroethene

Concen: 43.564 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY011985.D

Acq: 22 Dec 2022 19:18

Tgt Ion:164 Resp: 116630

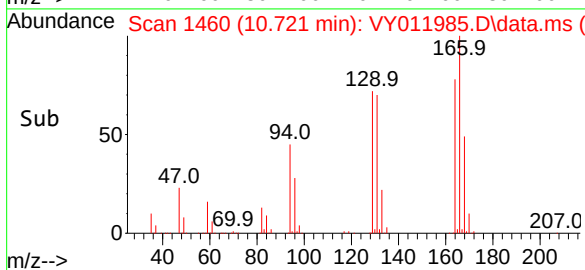
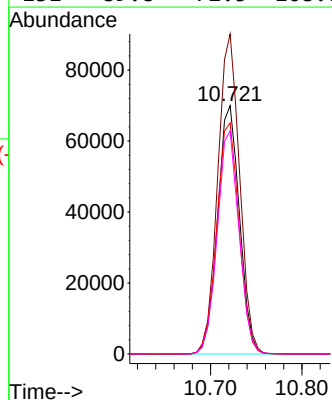
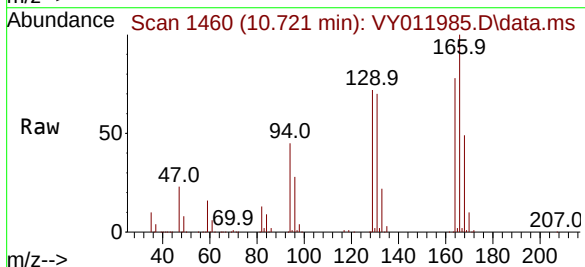
Ion Ratio Lower Upper

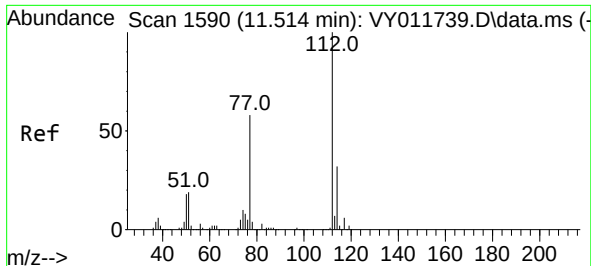
164 100

166 128.8 102.3 153.5

129 93.0 77.2 115.8

131 89.8 72.5 108.7

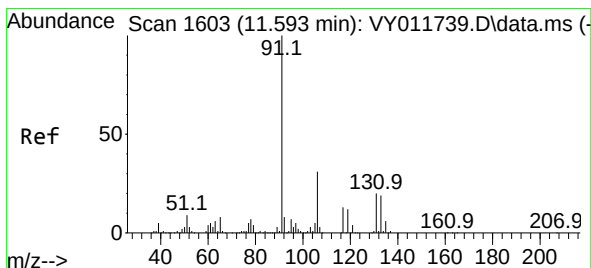
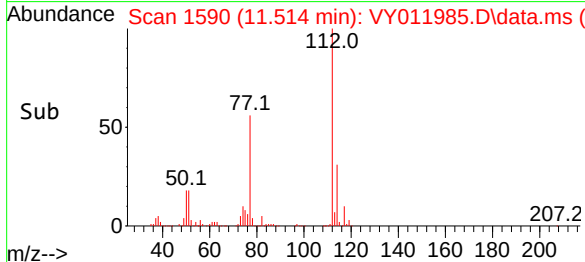
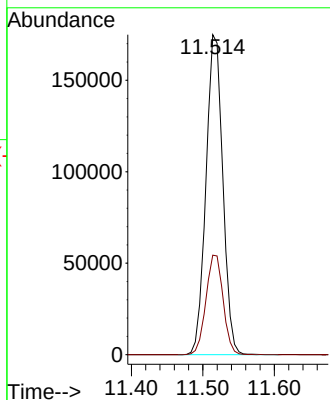
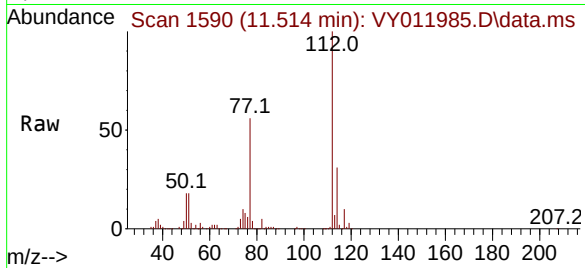




#65
Chlorobenzene
Concen: 45.004 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

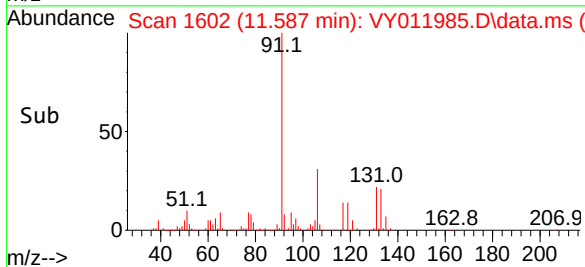
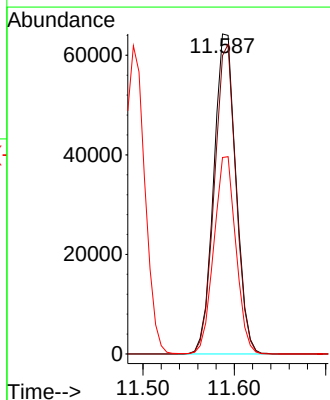
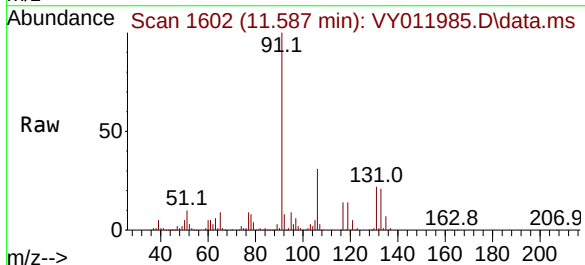
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

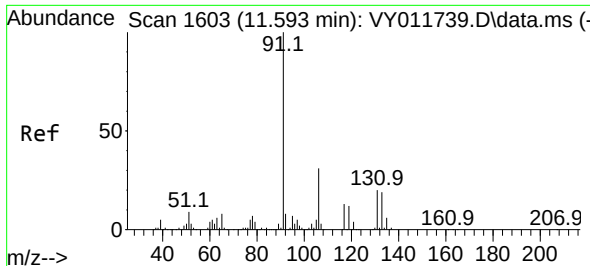
Tgt Ion:112 Resp: 285807
Ion Ratio Lower Upper
112 100
114 31.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 46.030 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

Tgt Ion:131 Resp: 108763
Ion Ratio Lower Upper
131 100
133 93.9 47.3 142.0
119 61.2 32.1 96.3

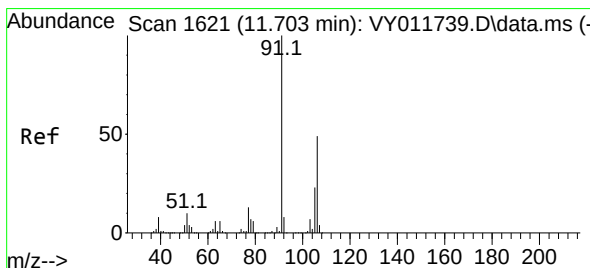
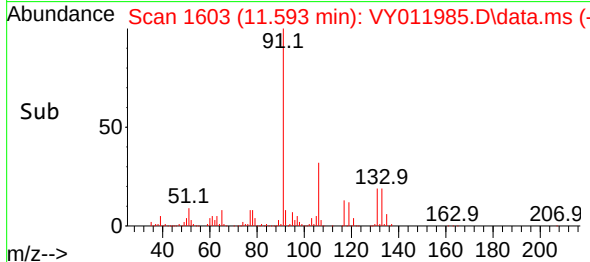
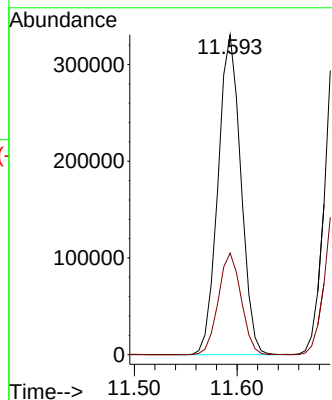
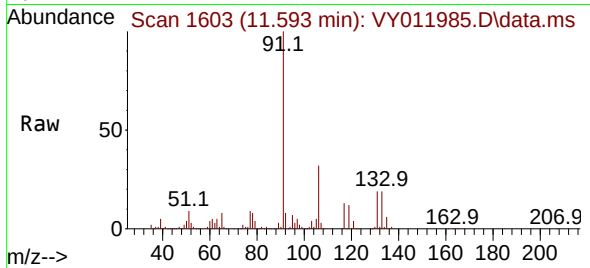




#67
Ethyl Benzene
Concen: 44.408 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

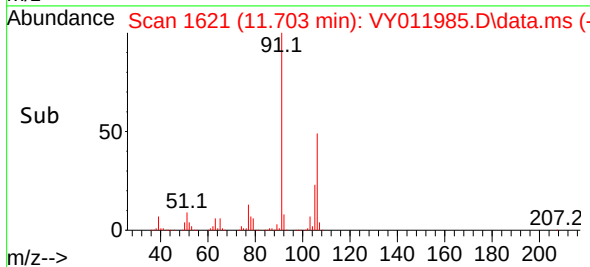
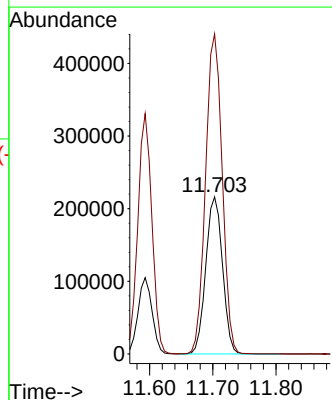
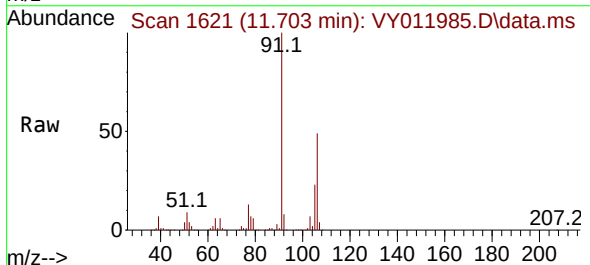
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

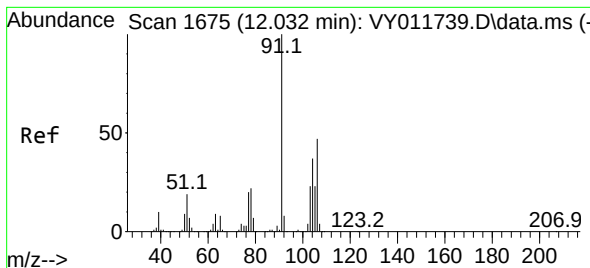
Tgt Ion: 91 Resp: 509791
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.4



#68
m/p-Xylenes
Concen: 89.193 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

Tgt Ion: 106 Resp: 398202
Ion Ratio Lower Upper
106 100
91 202.8 162.5 243.7





#69

o-Xylene

Concen: 46.043 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011985.D

Acq: 22 Dec 2022 19:18

Instrument :

MSVOA_Y

ClientSampleId :

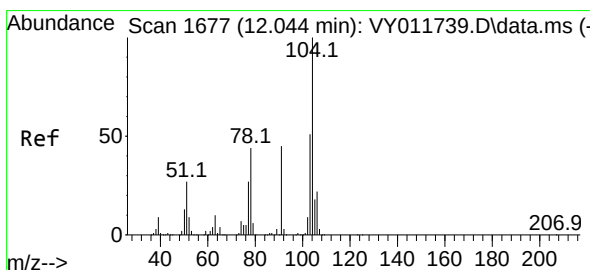
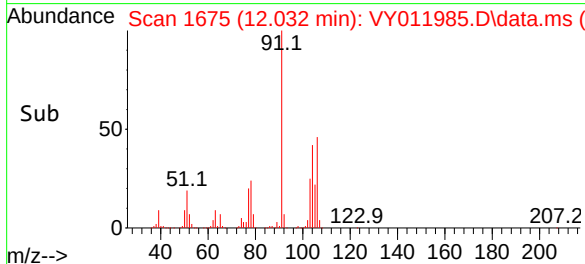
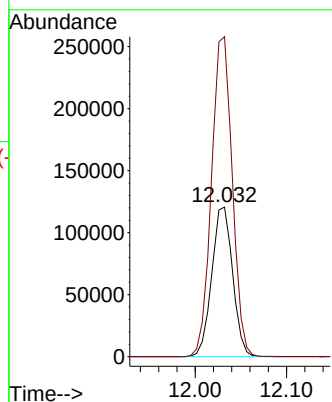
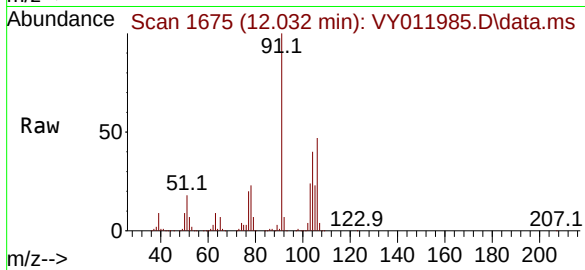
VSTDCCC050EC

Tgt Ion:106 Resp: 191264

Ion Ratio Lower Upper

106 100

91 213.7 107.5 322.4



#70

Styrene

Concen: 46.247 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY011985.D

Acq: 22 Dec 2022 19:18

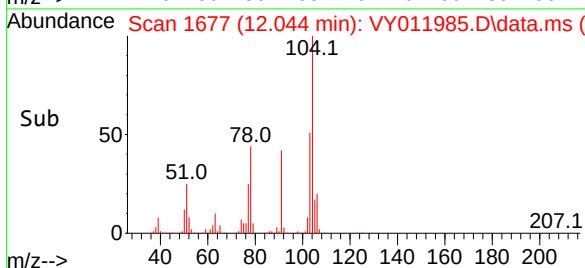
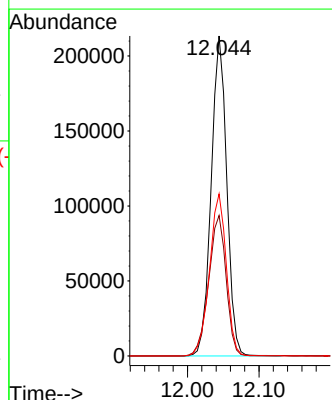
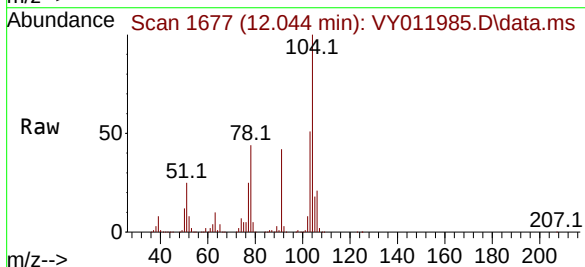
Tgt Ion:104 Resp: 322561

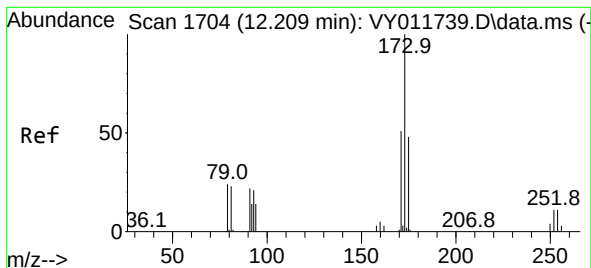
Ion Ratio Lower Upper

104 100

78 49.2 39.4 59.0

103 54.8 43.0 64.4





#71

Bromoform

Concen: 44.825 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011985.D

Acq: 22 Dec 2022 19:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

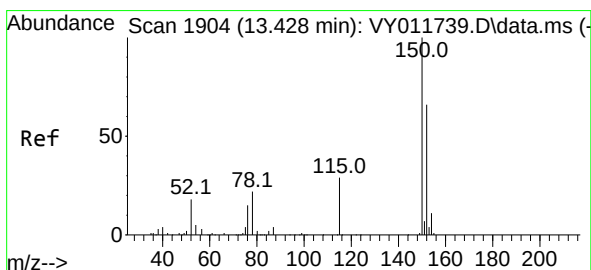
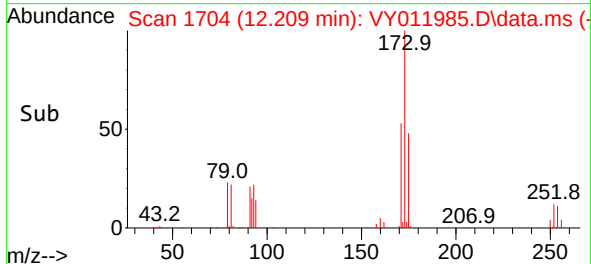
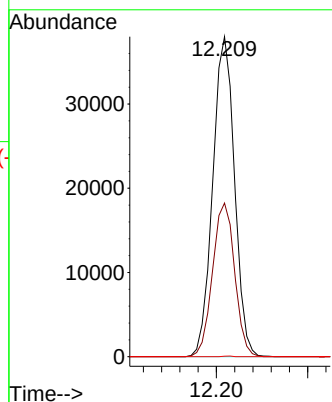
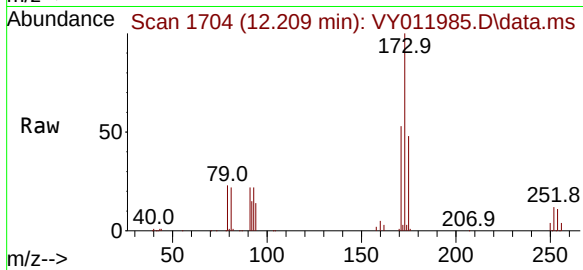
Tgt Ion:173 Resp: 62761

Ion Ratio Lower Upper

173 100

175 48.8 23.8 71.5

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY011985.D

Acq: 22 Dec 2022 19:18

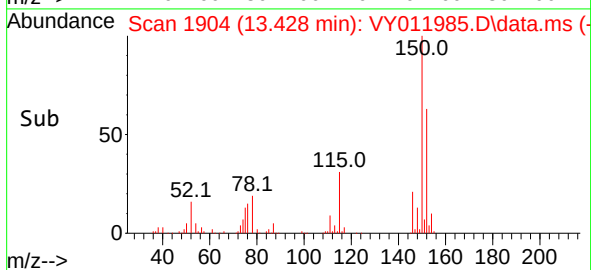
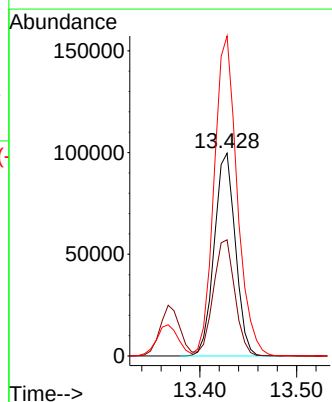
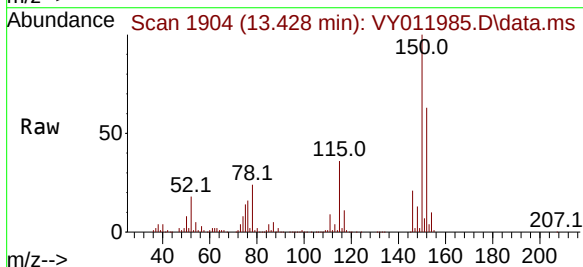
Tgt Ion:152 Resp: 151368

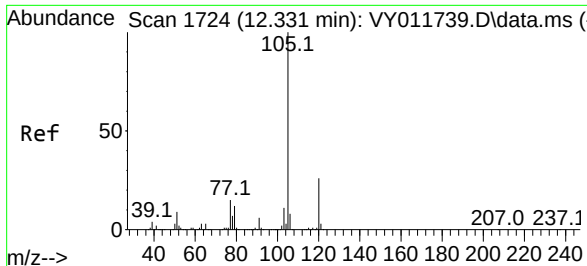
Ion Ratio Lower Upper

152 100

115 58.1 29.1 87.3

150 171.9 0.0 342.6

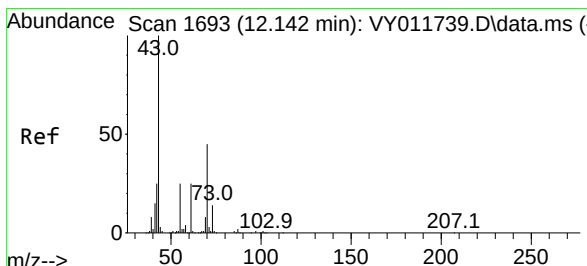
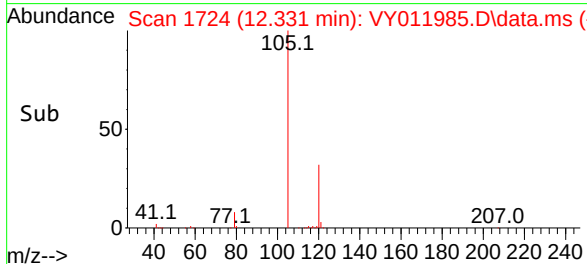
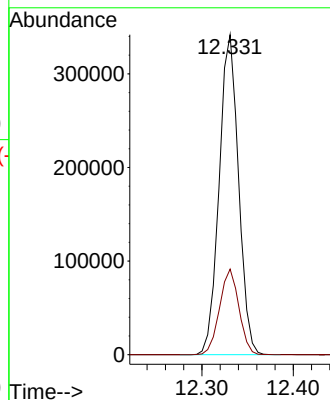
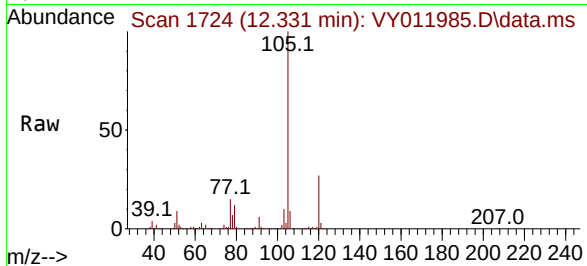




#73
Isopropylbenzene
Concen: 44.874 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

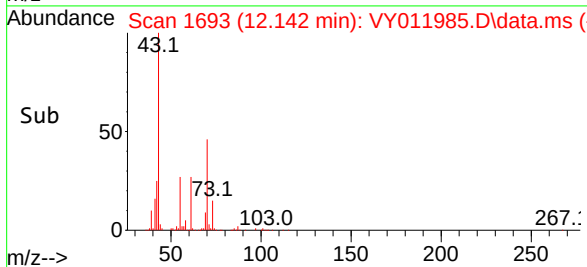
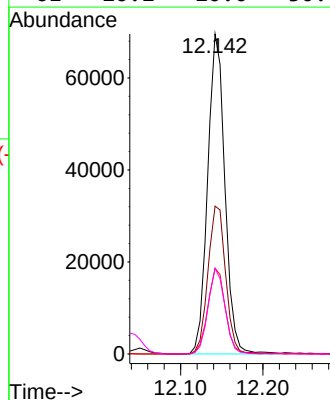
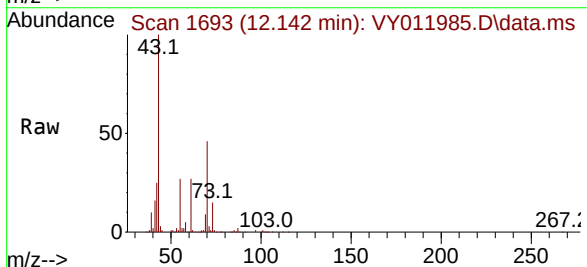
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

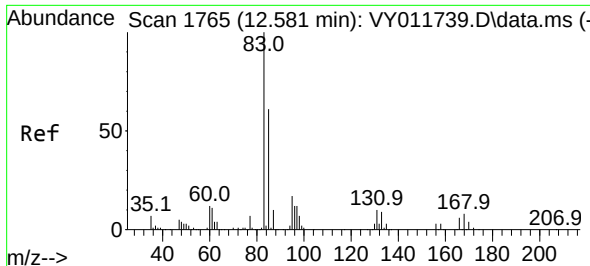
Tgt Ion:105 Resp: 504039
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.6



#74
N-ethyl acetate
Concen: 43.949 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

Tgt Ion: 43 Resp: 101206
Ion Ratio Lower Upper
43 100
70 47.5 35.8 53.8
55 27.4 21.0 31.4
61 26.2 20.0 30.0

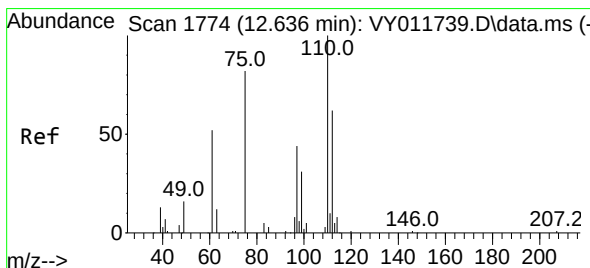
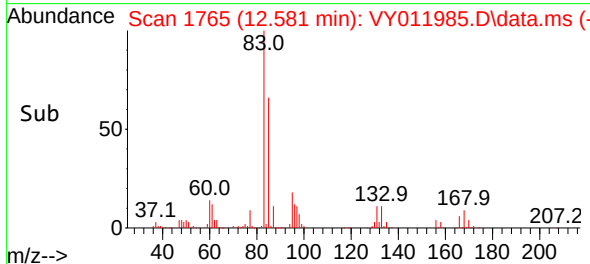
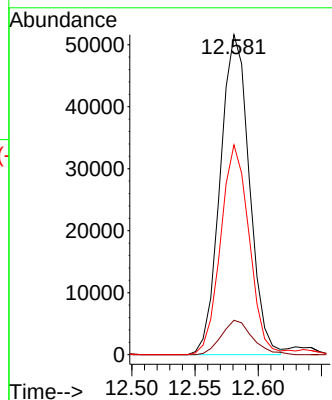
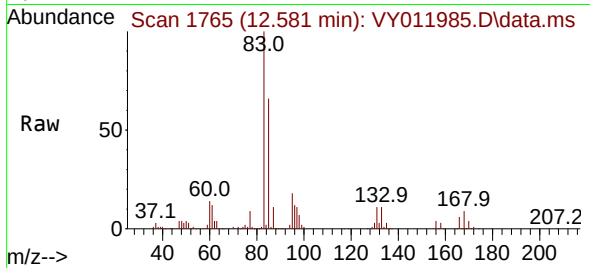




#75
 1,1,2,2-Tetrachloroethane
 Concen: 44.098 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY011985.D
 Acq: 22 Dec 2022 19:18

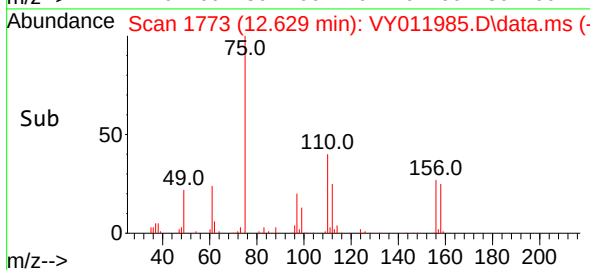
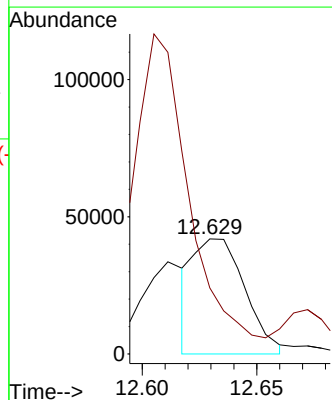
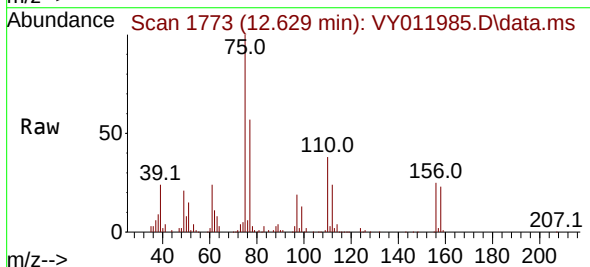
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

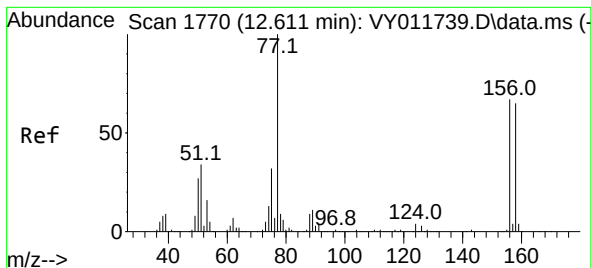
Tgt Ion: 83 Resp: 82633
 Ion Ratio Lower Upper
 83 100
 131 11.4 5.6 16.8
 85 64.6 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 34.895 ug/l m
 RT: 12.629 min Scan# 1773
 Delta R.T. -0.006 min
 Lab File: VY011985.D
 Acq: 22 Dec 2022 19:18

Tgt Ion: 75 Resp: 65726
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 44.950 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY011985.D

Acq: 22 Dec 2022 19:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

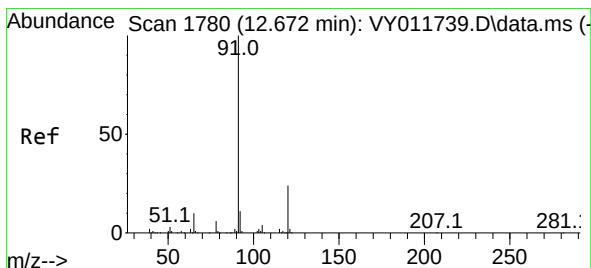
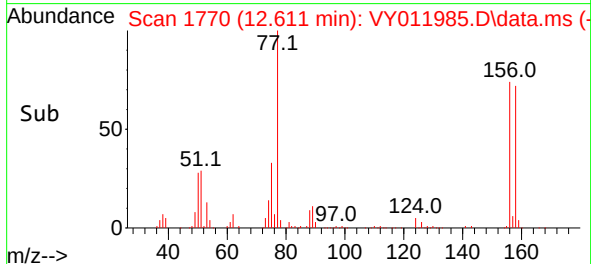
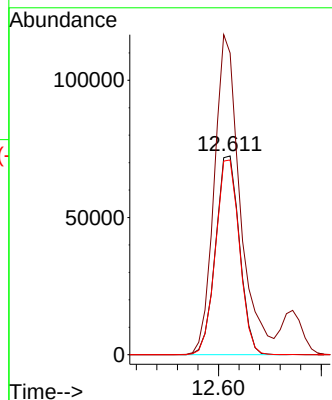
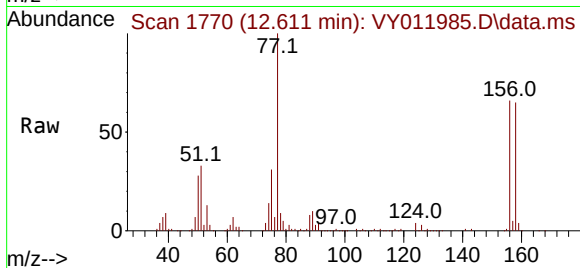
Tgt Ion:156 Resp: 116809

Ion Ratio Lower Upper

156 100

77 174.1 90.0 270.0

158 98.1 48.4 145.2



#78

n-propylbenzene

Concen: 44.577 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY011985.D

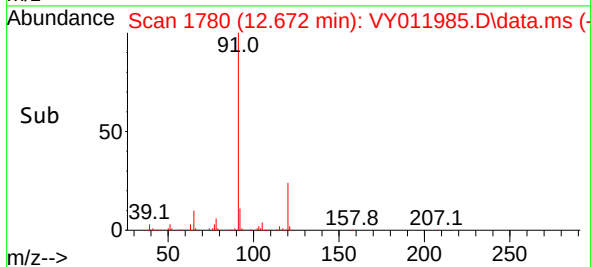
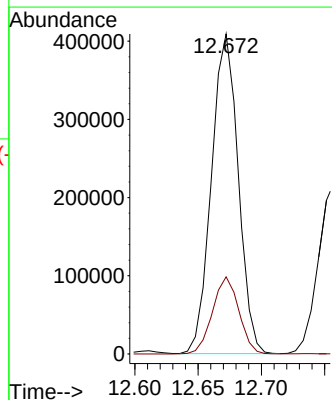
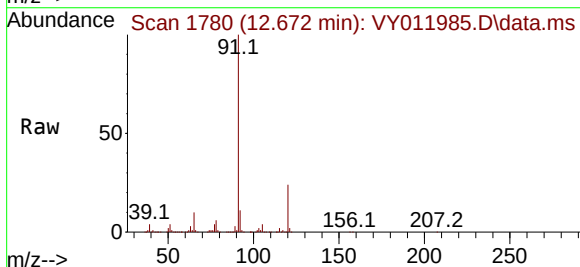
Acq: 22 Dec 2022 19:18

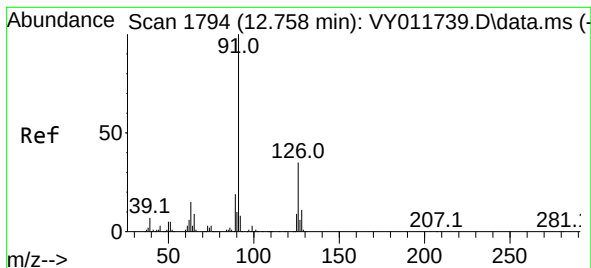
Tgt Ion: 91 Resp: 601864

Ion Ratio Lower Upper

91 100

120 23.7 11.8 35.4

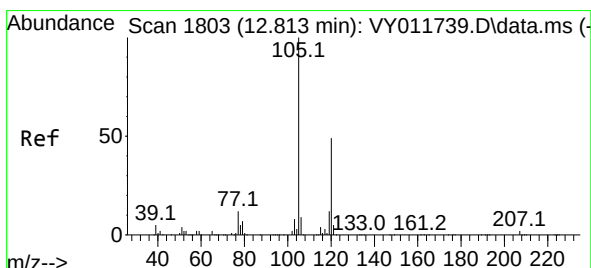
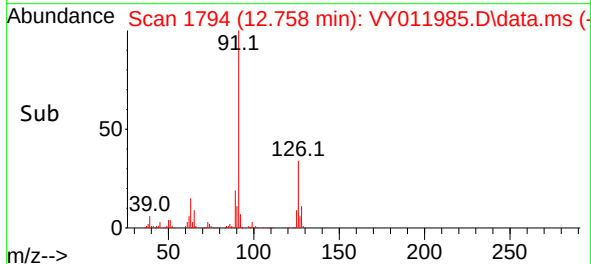
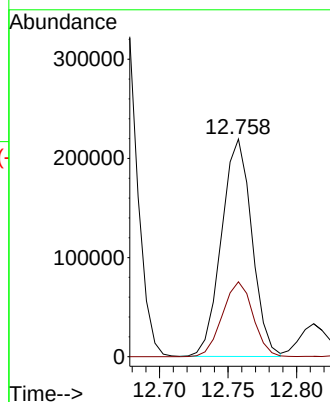
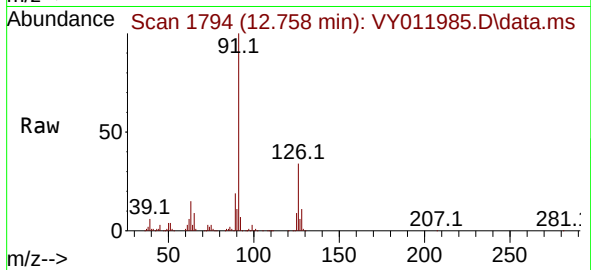




#79
2-Chlorotoluene
Concen: 44.712 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

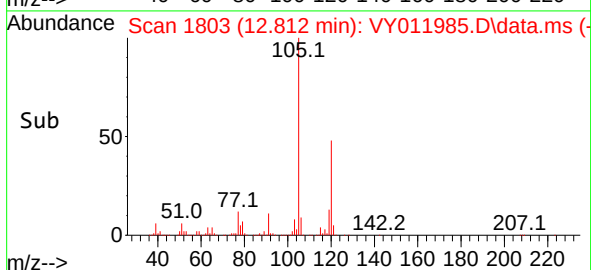
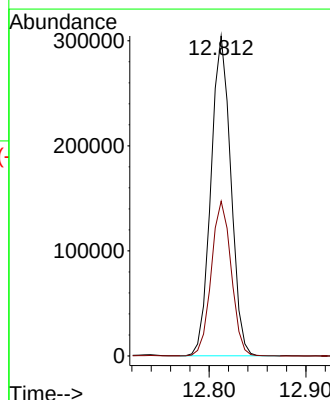
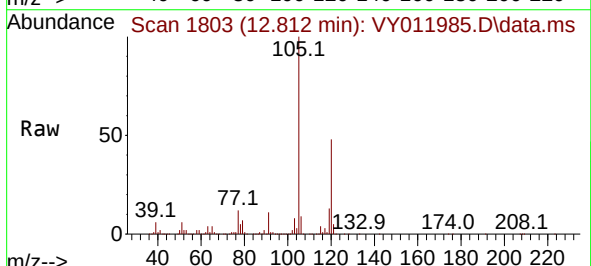
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

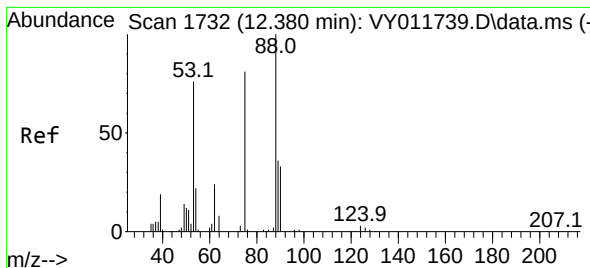
Tgt Ion: 91 Resp: 339340
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 45.230 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

Tgt Ion: 105 Resp: 434972
Ion Ratio Lower Upper
105 100
120 48.6 24.2 72.6

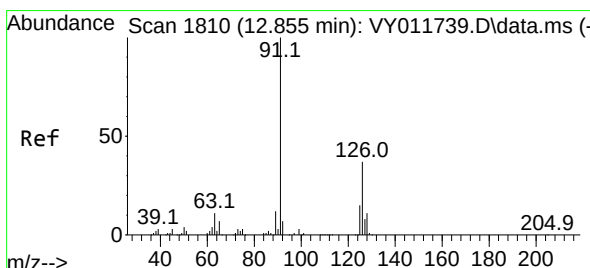
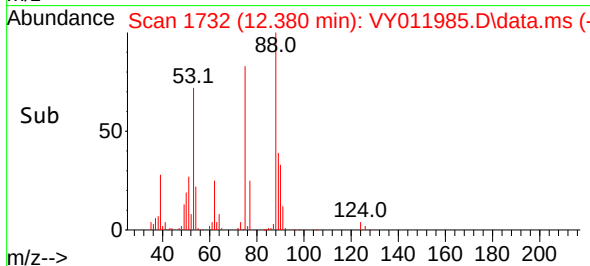
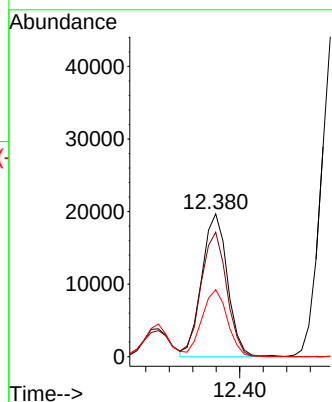
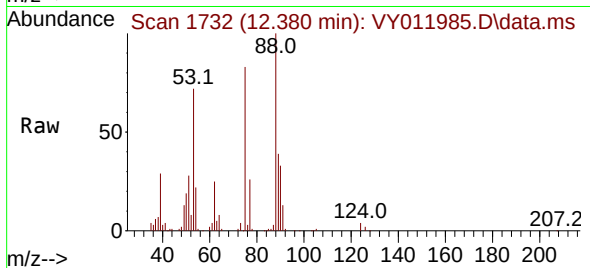




#81
trans-1,4-Dichloro-2-butene
Concen: 43.528 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

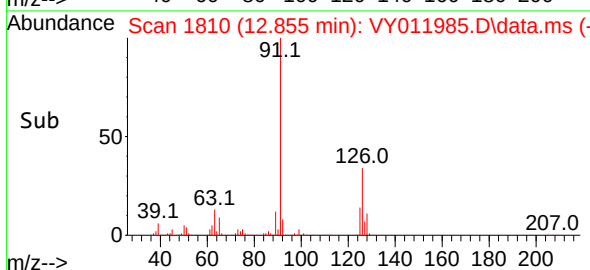
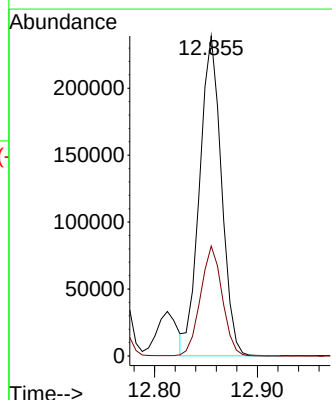
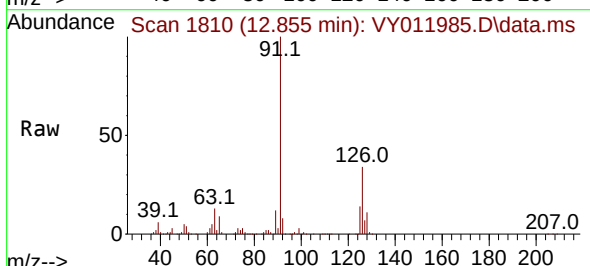
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

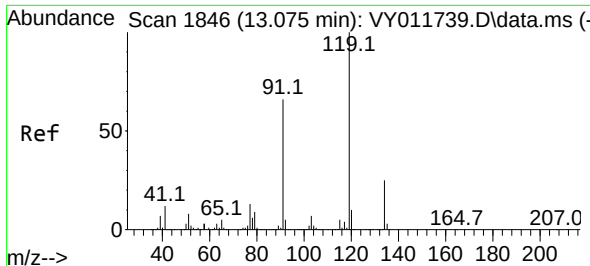
Tgt Ion: 75 Resp: 29938
Ion Ratio Lower Upper
75 100
53 87.6 72.5 108.7
89 46.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 44.939 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

Tgt Ion: 91 Resp: 352883
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.2

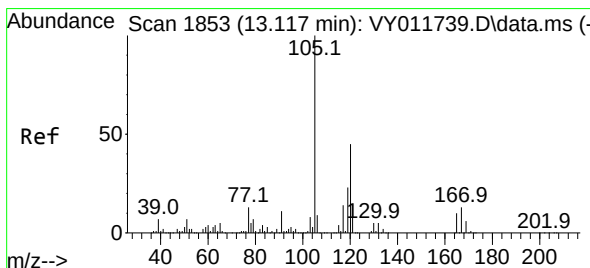
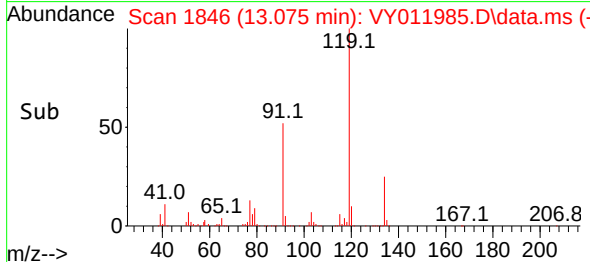
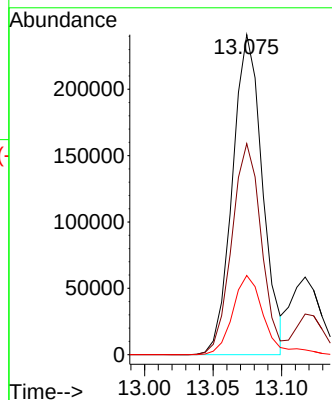
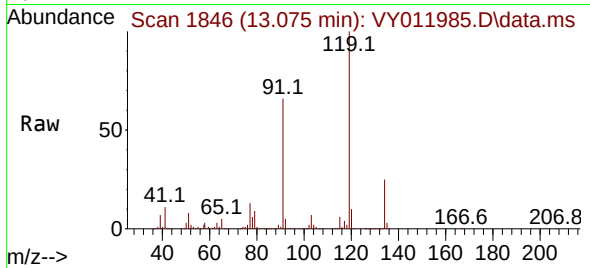




#83
 tert-Butylbenzene
 Concen: 45.195 ug/l
 RT: 13.075 min Scan# 1846
 Delta R.T. -0.000 min
 Lab File: VY011985.D
 Acq: 22 Dec 2022 19:18

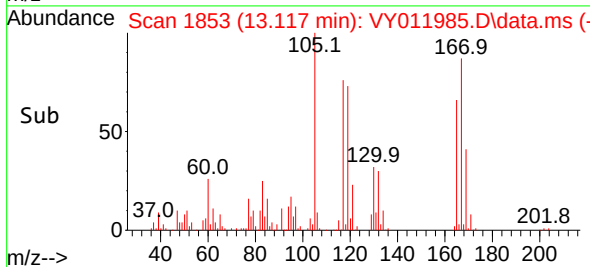
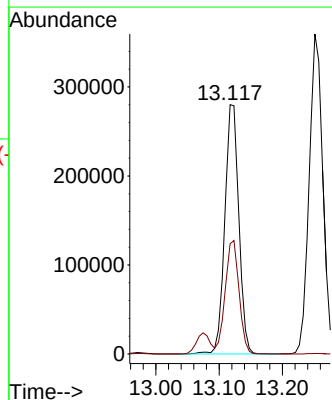
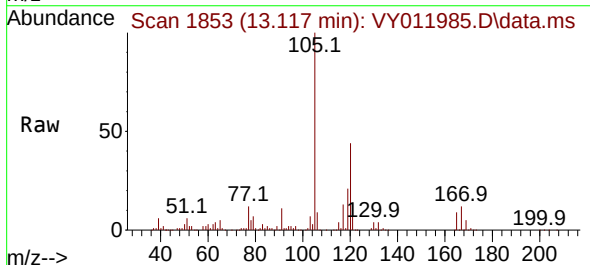
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

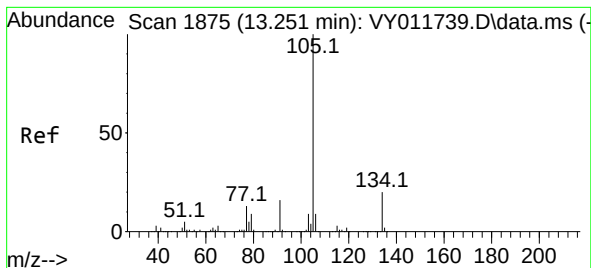
Tgt Ion:119 Resp: 368354
 Ion Ratio Lower Upper
 119 100
 91 64.8 32.3 96.8
 134 25.9 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 45.470 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VY011985.D
 Acq: 22 Dec 2022 19:18

Tgt Ion:105 Resp: 430188
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.9 68.7





#85

sec-Butylbenzene

Concen: 44.078 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY011985.D

Acq: 22 Dec 2022 19:18

Instrument :

MSVOA_Y

ClientSampleId :

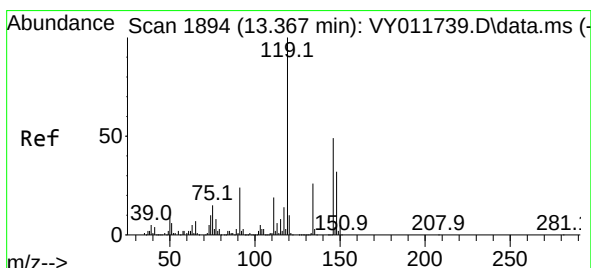
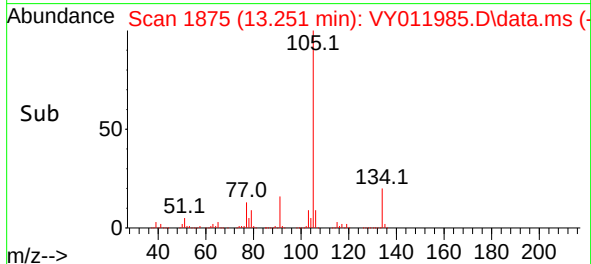
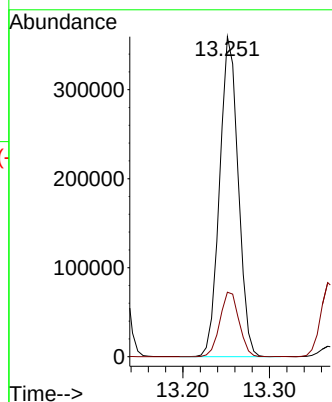
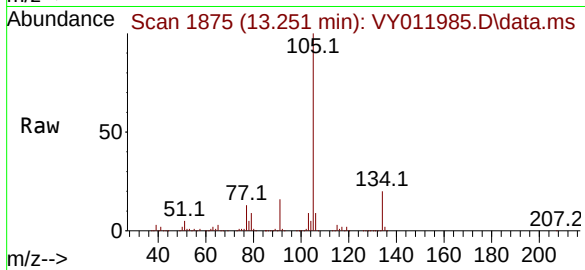
VSTDCCC050EC

Tgt Ion:105 Resp: 536438

Ion Ratio Lower Upper

105 100

134 20.8 10.1 30.3



#86

p-Isopropyltoluene

Concen: 44.980 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY011985.D

Acq: 22 Dec 2022 19:18

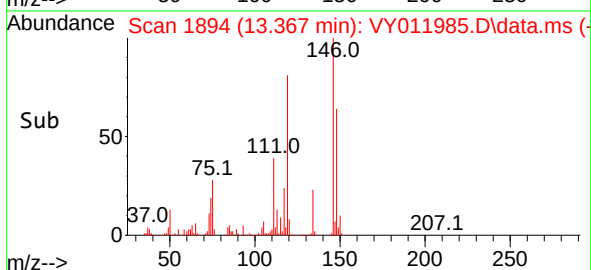
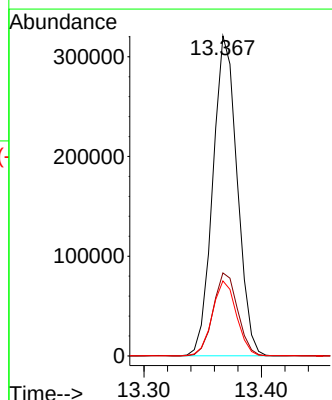
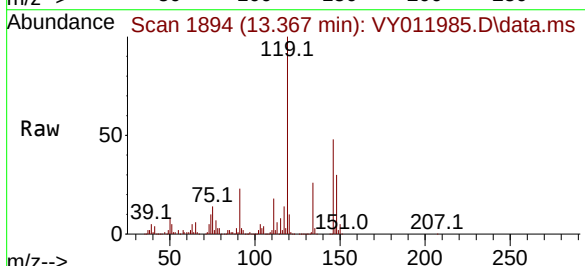
Tgt Ion:119 Resp: 461902

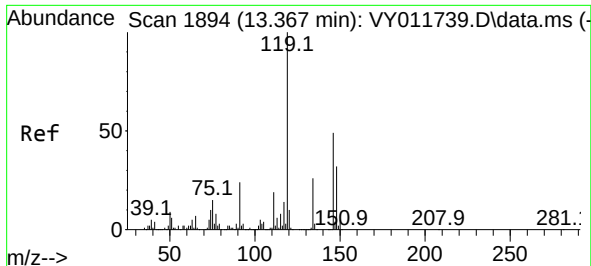
Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

91 23.3 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 44.146 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011985.D

Acq: 22 Dec 2022 19:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

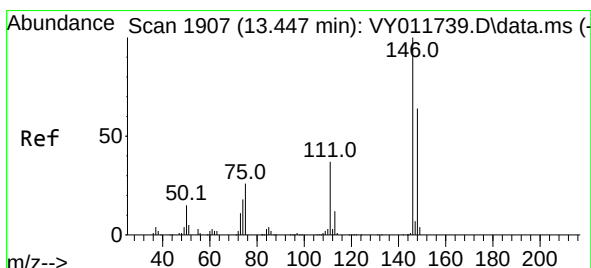
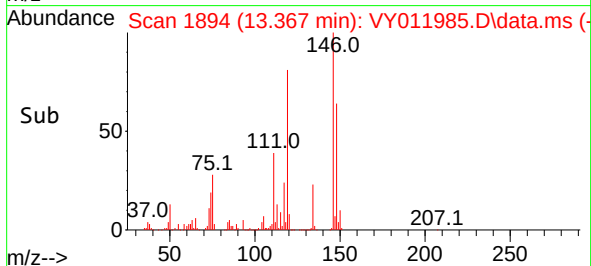
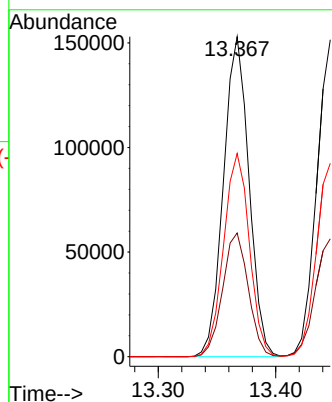
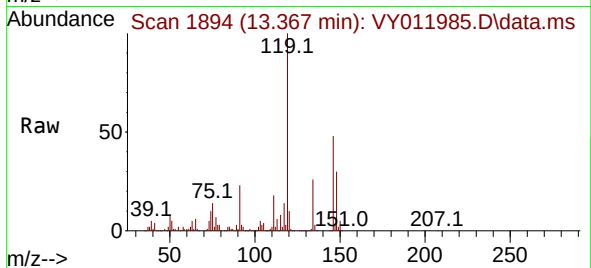
Tgt Ion:146 Resp: 230712

Ion Ratio Lower Upper

146 100

111 39.0 19.7 59.0

148 64.1 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 43.717 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY011985.D

Acq: 22 Dec 2022 19:18

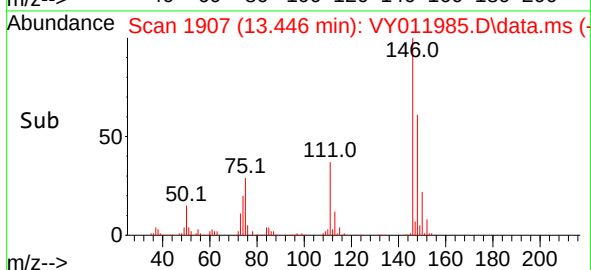
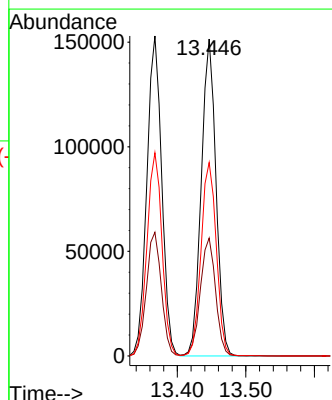
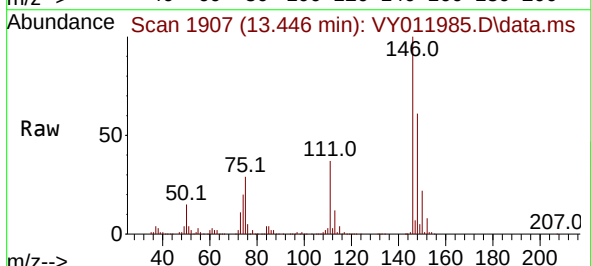
Tgt Ion:146 Resp: 227131

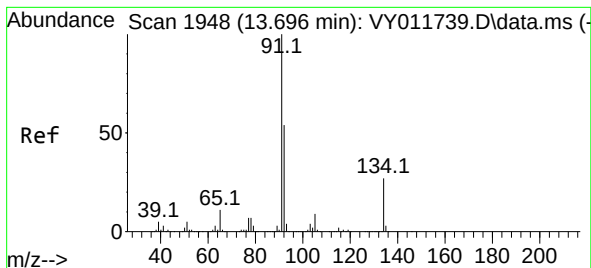
Ion Ratio Lower Upper

146 100

111 38.6 19.6 58.7

148 63.2 31.9 95.7





#89

n-Butylbenzene

Concen: 43.482 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY011985.D

Acq: 22 Dec 2022 19:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

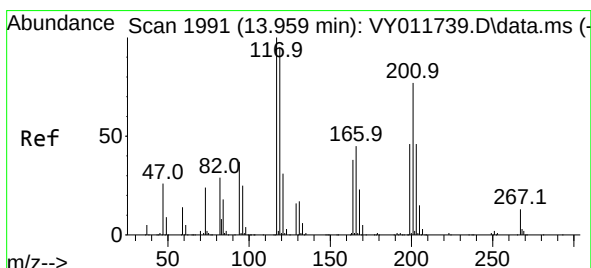
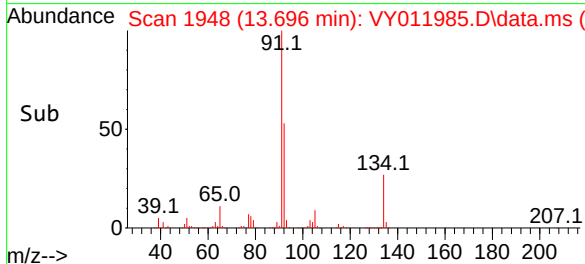
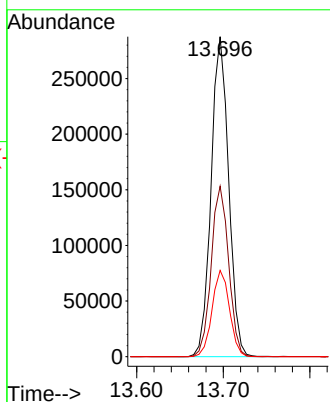
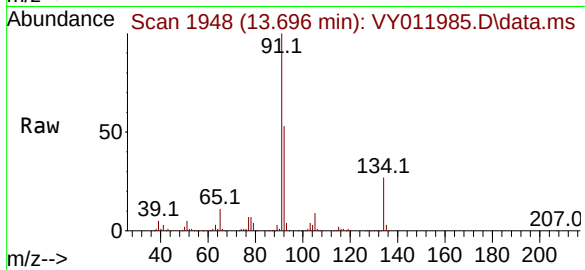
Tgt Ion: 91 Resp: 404223

Ion Ratio Lower Upper

91 100

92 53.0 26.8 80.4

134 26.8 13.3 39.8



#90

Hexachloroethane

Concen: 44.379 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY011985.D

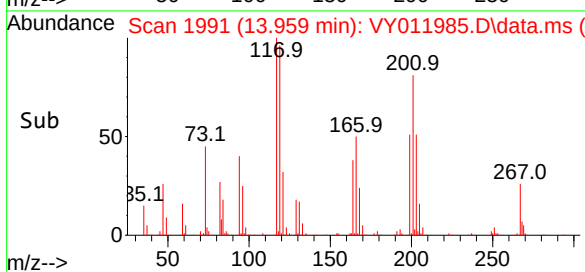
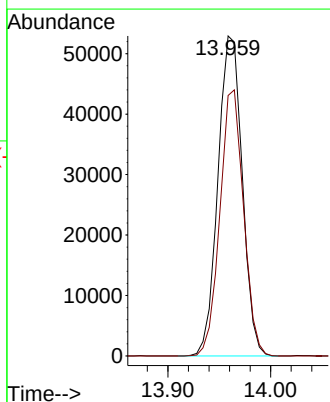
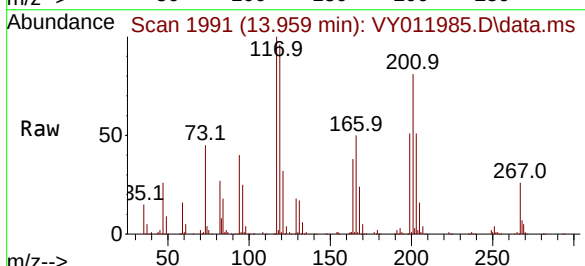
Acq: 22 Dec 2022 19:18

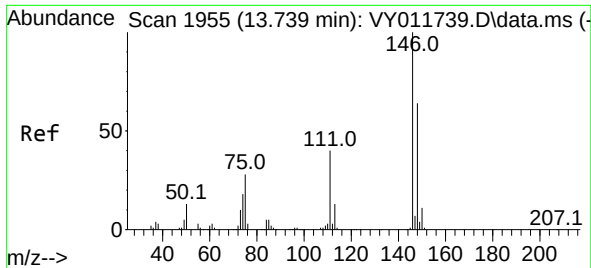
Tgt Ion: 117 Resp: 86957

Ion Ratio Lower Upper

117 100

201 80.8 40.3 120.8

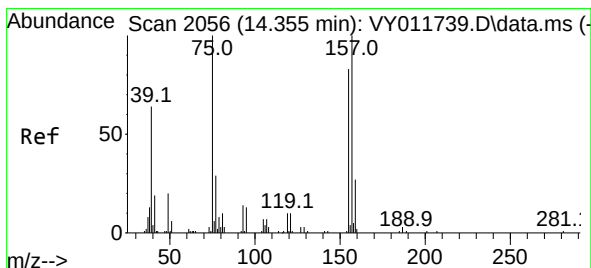
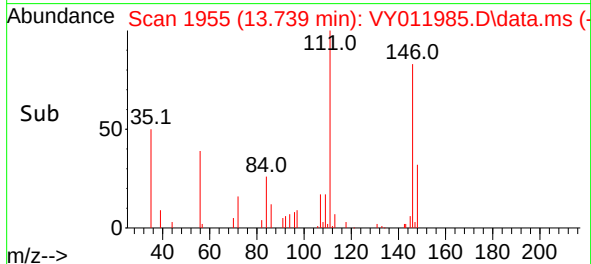
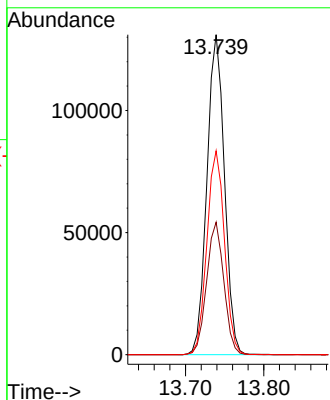
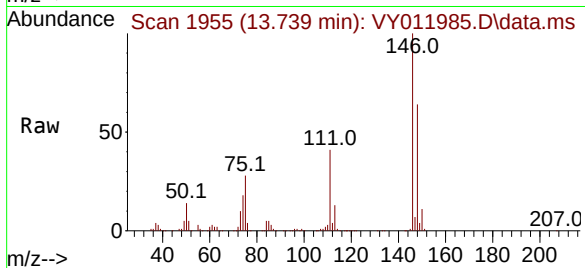




#91
1,2-Dichlorobenzene
Concen: 44.605 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

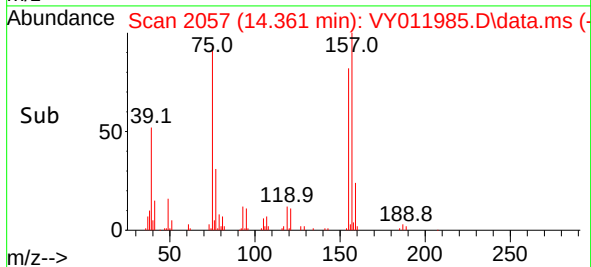
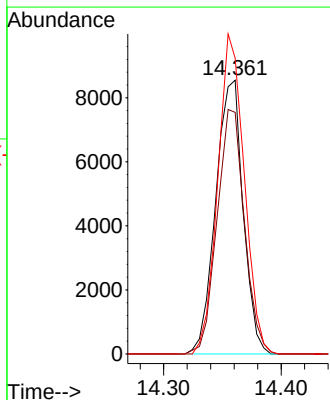
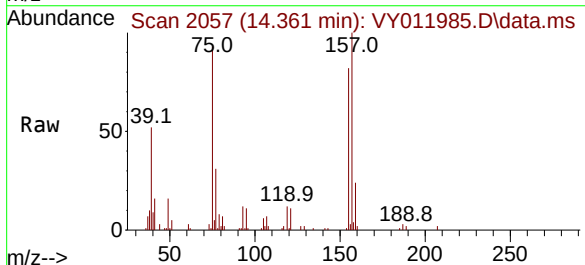
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

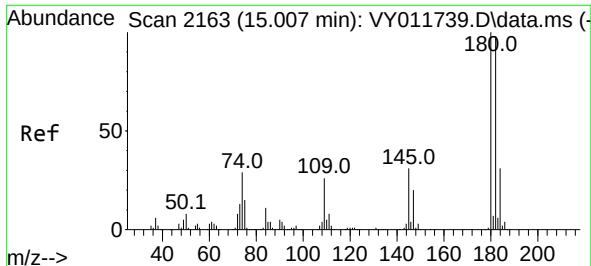
Tgt Ion:146 Resp: 203226
Ion Ratio Lower Upper
146 100
111 40.8 20.3 60.8
148 64.1 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.002 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

Tgt Ion: 75 Resp: 13848
Ion Ratio Lower Upper
75 100
155 89.1 42.3 126.8
157 112.9 54.4 163.3

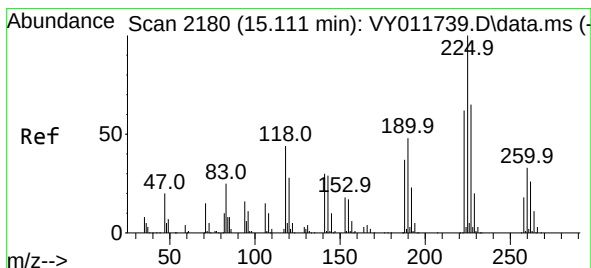
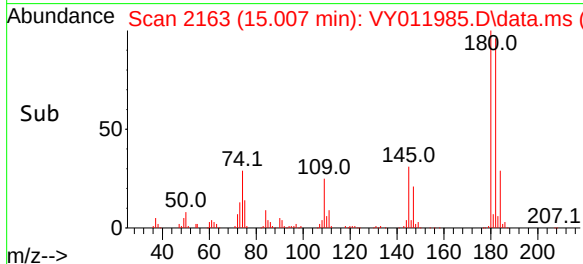
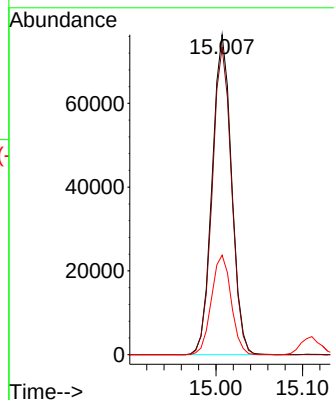
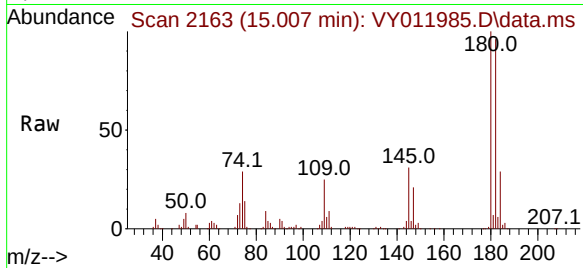




#93
1,2,4-Trichlorobenzene
Concen: 44.339 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

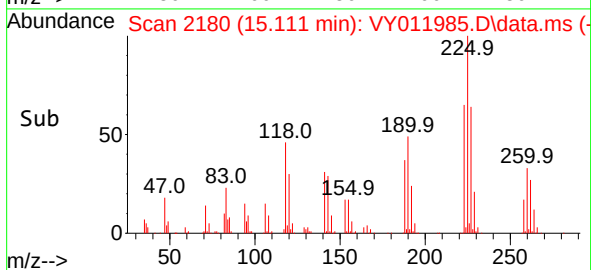
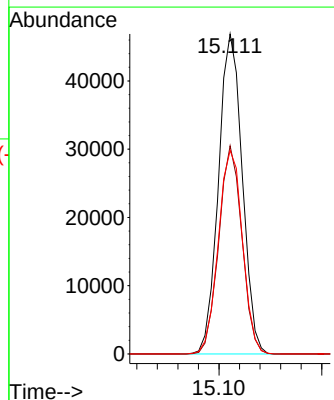
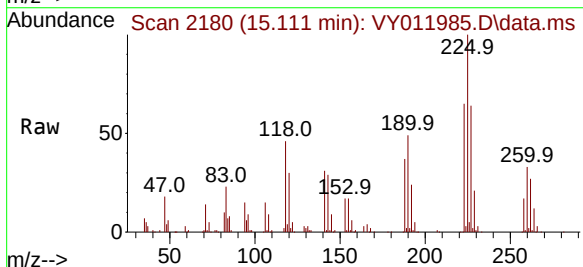
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

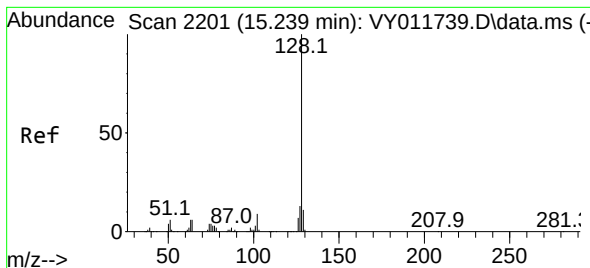
Tgt Ion:180 Resp: 118836
Ion Ratio Lower Upper
180 100
182 95.7 48.1 144.3
145 31.6 15.4 46.4



#94
Hexachlorobutadiene
Concen: 43.389 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY011985.D
Acq: 22 Dec 2022 19:18

Tgt Ion:225 Resp: 75142
Ion Ratio Lower Upper
225 100
223 63.3 31.4 94.2
227 64.6 32.6 97.8





#95

Naphthalene

Concen: 40.600 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.006 min

Lab File: VY011985.D

Acq: 22 Dec 2022 19:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

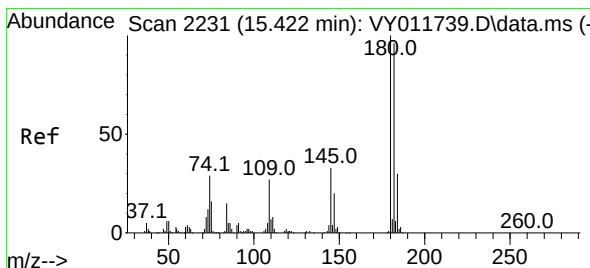
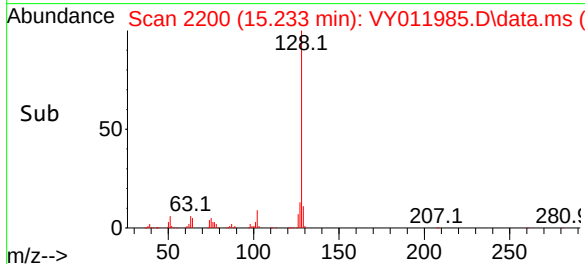
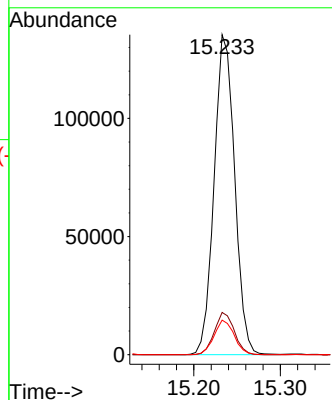
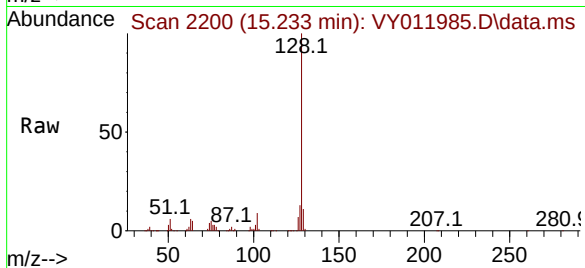
Tgt Ion:128 Resp: 223247

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.6 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 45.909 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY011985.D

Acq: 22 Dec 2022 19:18

Tgt Ion:180 Resp: 104030

Ion Ratio Lower Upper

180 100

182 94.0 47.9 143.7

145 32.7 16.1 48.2

