

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120922\
 Data File : VY011739.D
 Acq On : 09 Dec 2022 12:00
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Dec 10 03:09:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 03:06:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	253341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	385118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	342401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	165704	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	79921	38.845	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.680%
35) Dibromofluoromethane	7.716	113	83431	42.956	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.920%
50) Toluene-d8	10.179	98	268143	39.356	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.720%
62) 4-Bromofluorobenzene	12.483	95	106391	40.669	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.340%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	53073	38.376	ug/l	100
3) Chloromethane	2.113	50	66808	43.122	ug/l	100
4) Vinyl Chloride	2.253	62	80125	44.180	ug/l	100
5) Bromomethane	2.650	94	54441	43.505	ug/l	100
6) Chloroethane	2.796	64	56800	45.213	ug/l	100
7) Trichlorofluoromethane	3.131	101	158049	45.383	ug/l	100
8) Diethyl Ether	3.528	74	55355	45.379	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	95986	46.171	ug/l	100
10) Methyl Iodide	4.095	142	119436	49.068	ug/l	100
11) Tert butyl alcohol	4.948	59	51377	165.869	ug/l	100
12) 1,1-Dichloroethene	3.875	96	86868	46.332	ug/l	100
13) Acrolein	3.729	56	82031	229.691	ug/l	100
14) Allyl chloride	4.479	41	147543	47.375	ug/l	100
15) Acrylonitrile	5.161	53	151057	230.713	ug/l	100
16) Acetone	3.948	43	158825	229.596	ug/l	100
17) Carbon Disulfide	4.198	76	195221	45.594	ug/l	100
18) Methyl Acetate	4.479	43	72777	37.253	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	279875	47.676	ug/l	100
20) Methylene Chloride	4.716	84	117689	37.120	ug/l	100
21) trans-1,2-Dichloroethene	5.222	96	98292	46.644	ug/l	100
22) Diisopropyl ether	6.119	45	334468	49.224	ug/l	100
23) Vinyl Acetate	6.058	43	991810	255.856	ug/l	100
24) 1,1-Dichloroethane	6.021	63	193893	46.958	ug/l	100
25) 2-Butanone	6.984	43	202014	227.030	ug/l	100
26) 2,2-Dichloropropane	6.984	77	182597	47.004	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	121937	47.345	ug/l	100
28) Bromochloromethane	7.332	49	71773	47.746	ug/l	100
29) Tetrahydrofuran	7.344	42	116217	229.471	ug/l	100
30) Chloroform	7.509	83	210624	47.714	ug/l	100
31) Cyclohexane	7.783	56	147831	44.671	ug/l	100
32) 1,1,1-Trichloroethane	7.704	97	187066	47.517	ug/l	100
36) 1,1-Dichloropropene	7.917	75	141542	48.433	ug/l	100
37) Ethyl Acetate	7.070	43	82280	48.157	ug/l	100
38) Carbon Tetrachloride	7.905	117	168712	49.146	ug/l	100
39) Methylcyclohexane	9.185	83	161924	49.243	ug/l	100
40) Benzene	8.161	78	423111	48.463	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	111904	129.617	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	129769	48.066	ug/l	100
43) Isopropyl Acetate	8.271	43	147573	47.633	ug/l	100
44) Trichloroethene	8.941	130	116774	47.757	ug/l	100
45) 1,2-Dichloropropane	9.216	63	110098	48.723	ug/l	100
46) Dibromomethane	9.307	93	59992	47.429	ug/l	100
47) Bromodichloromethane	9.496	83	159957	48.950	ug/l	100
48) Methyl methacrylate	9.289	41	67183	49.195	ug/l	100
49) 1,4-Dioxane	9.295	88	16632	949.149	ug/l	100
51) 4-Methyl-2-Pentanone	10.069	43	416419	243.933	ug/l	100
52) Toluene	10.246	92	272936	49.175	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	158773	48.643	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	180067	49.100	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	89524	47.886	ug/l	100
56) Ethyl methacrylate	10.508	69	121139	50.195	ug/l	100
57) 1,3-Dichloropropane	10.788	76	150749	48.374	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	275778	246.432	ug/l	100
59) 2-Hexanone	10.831	43	300971	246.758	ug/l	100
60) Dibromochloromethane	10.984	129	112693	48.127	ug/l	100
61) 1,2-Dibromoethane	11.087	107	81696	48.236	ug/l	100
64) Tetrachloroethene	10.721	164	115970	47.872	ug/l	100
65) Chlorobenzene	11.514	112	299069	48.476	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	117990	49.298	ug/l	100
67) Ethyl Benzene	11.593	91	538589	49.545	ug/l	100
68) m/p-Xylenes	11.703	106	410707	98.654	ug/l	100
69) o-Xylene	12.032	106	197092	49.668	ug/l	100
70) Styrene	12.044	104	339746	50.164	ug/l	100
71) Bromoform	12.209	173	71941	48.731	ug/l	100
73) Isopropylbenzene	12.331	105	542759	50.555	ug/l	100
74) N-amyl acetate	12.142	43	128153	49.647	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	100005	47.830	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	138004	69.867	ug/l #	100
77) Bromobenzene	12.611	156	123687	49.343	ug/l	100
78) n-propylbenzene	12.672	91	643496	50.016	ug/l	100
79) 2-Chlorotoluene	12.758	91	363333	49.482	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	454188	50.051	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	36220	49.025	ug/l	100
82) 4-Chlorotoluene	12.855	91	373628	49.059	ug/l	100
83) tert-Butylbenzene	13.075	119	403837	51.108	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	445186	49.826	ug/l	100
85) sec-Butylbenzene	13.251	105	593944	50.473	ug/l	100
86) p-Isopropyltoluene	13.367	119	494288	50.468	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	245765	48.720	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	240861	48.042	ug/l	100
89) n-Butylbenzene	13.696	91	448457	50.369	ug/l	100
90) Hexachloroethane	13.959	117	93385	47.984	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	219689	48.396	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17212	47.217	ug/l	100
93) 1,2,4-Trichlorobenzene	15.007	180	129872	49.053	ug/l	100
94) Hexachlorobutadiene	15.111	225	81430	48.406	ug/l	100
95) Naphthalene	15.239	128	258136	50.339	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	112997	49.410	ug/l	100

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ClientSampleId :
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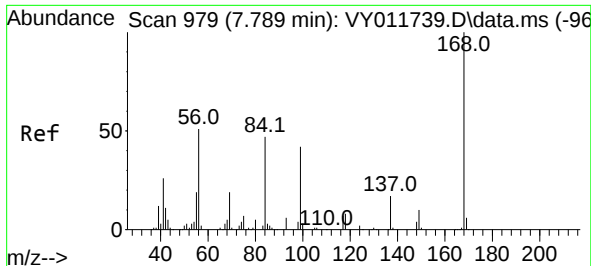
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QLast Update : Sat Dec 10 03:06:37 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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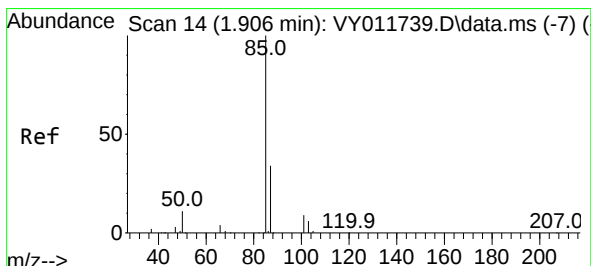
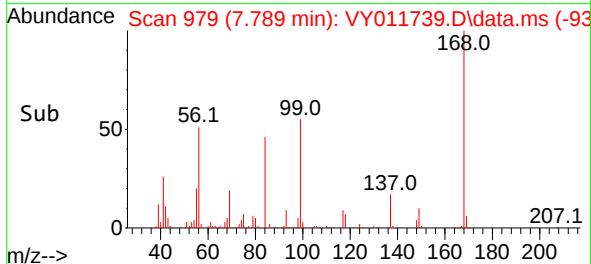
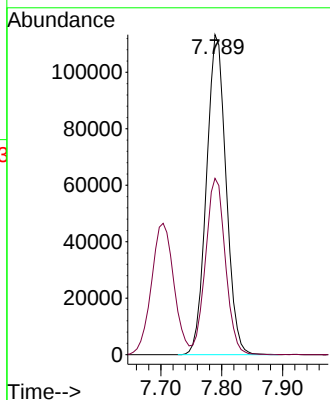
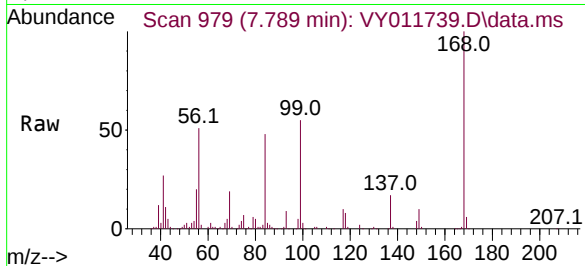




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

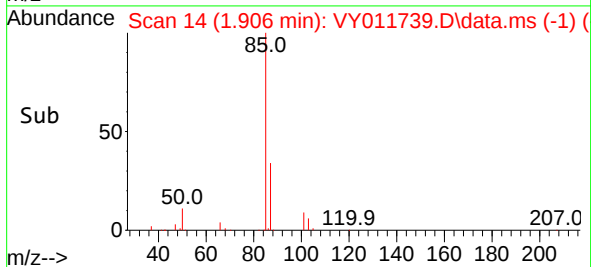
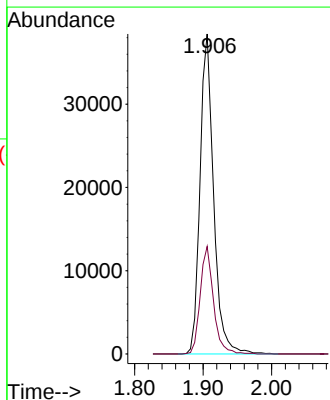
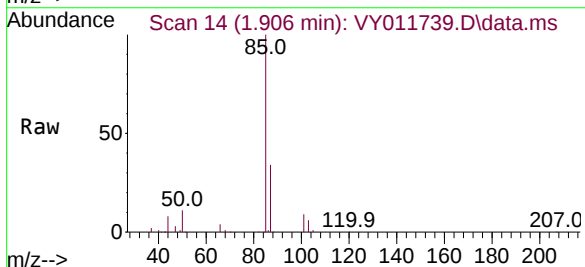
Instrument :
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ClientSampleId :
VSTDICCC050

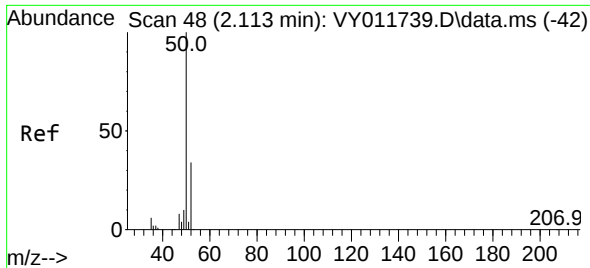
Tgt Ion:168 Resp: 253341
Ion Ratio Lower Upper
168 100
99 55.0 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 38.376 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

Tgt Ion: 85 Resp: 53073
Ion Ratio Lower Upper
85 100
87 33.6 16.8 50.4

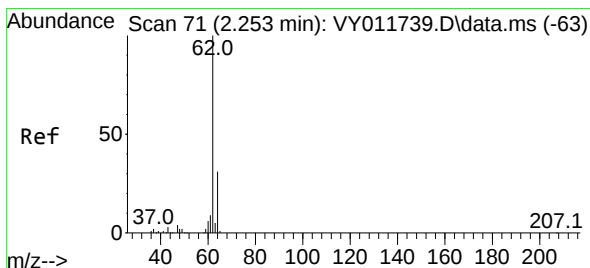
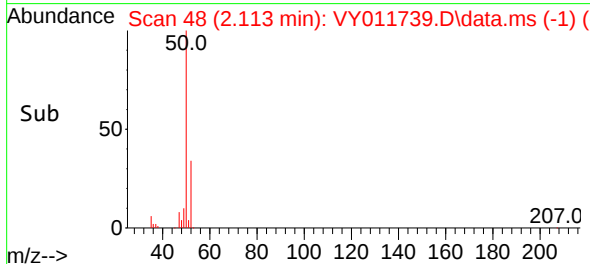
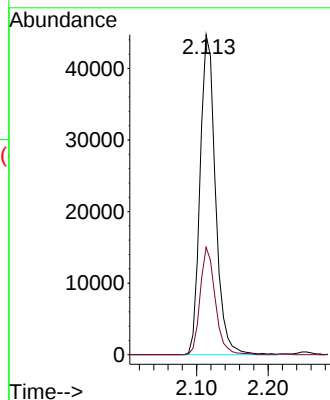
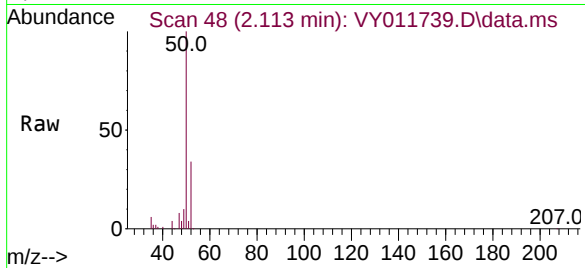




#3
Chloromethane
Concen: 43.122 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

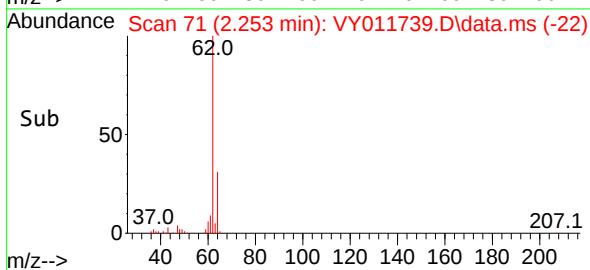
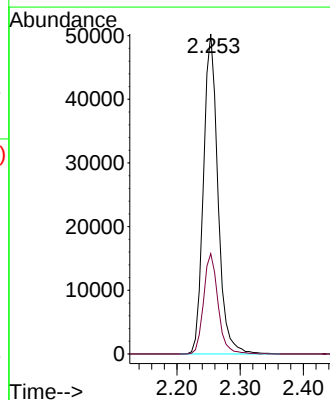
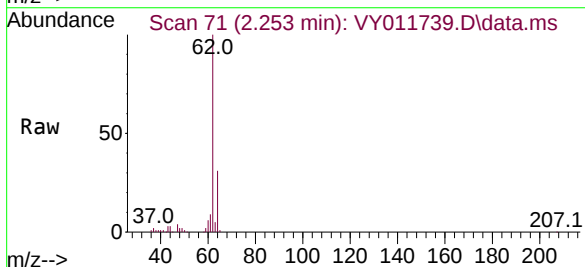
Instrument :
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ClientSampleId :
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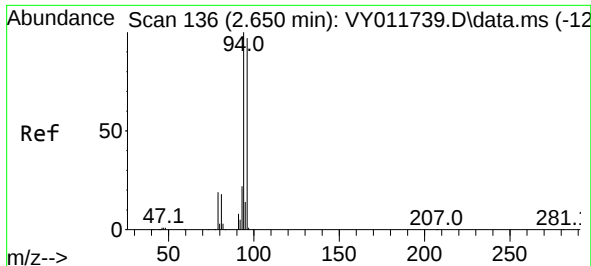
Tgt Ion: 50 Resp: 66808
Ion Ratio Lower Upper
50 100
52 33.5 26.8 40.2



#4
Vinyl Chloride
Concen: 44.180 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

Tgt Ion: 62 Resp: 80125
Ion Ratio Lower Upper
62 100
64 31.3 25.0 37.6

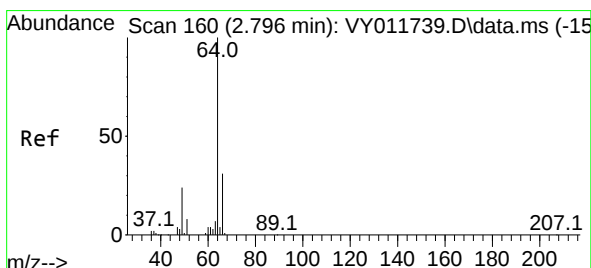
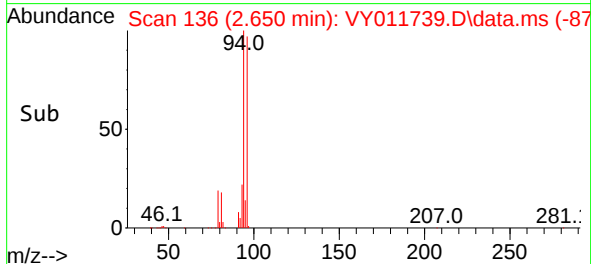
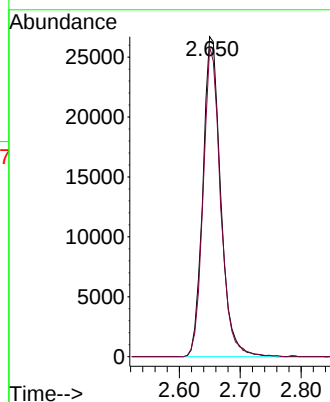
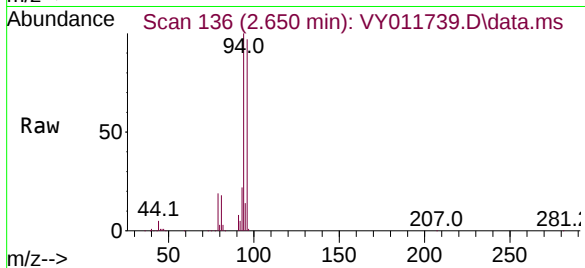




#5
Bromomethane
Concen: 43.505 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

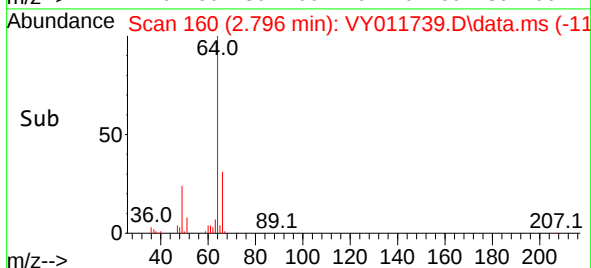
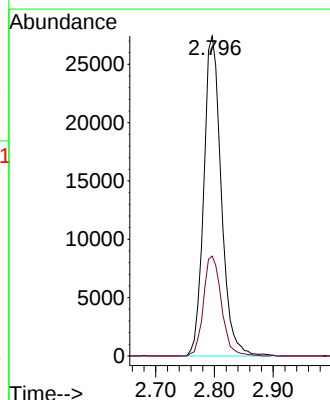
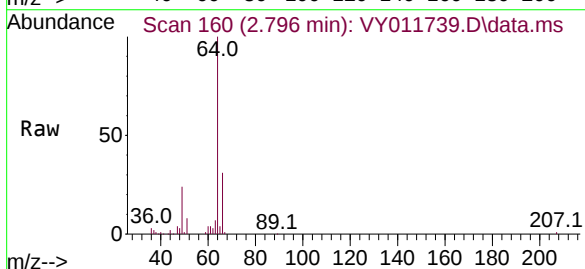
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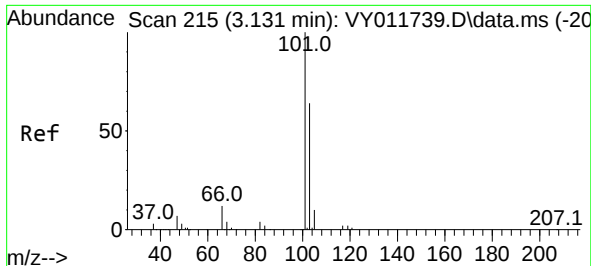
Tgt Ion: 94 Resp: 54441
Ion Ratio Lower Upper
94 100
96 96.8 77.4 116.2



#6
Chloroethane
Concen: 45.213 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

Tgt Ion: 64 Resp: 56800
Ion Ratio Lower Upper
64 100
66 31.2 25.0 37.4

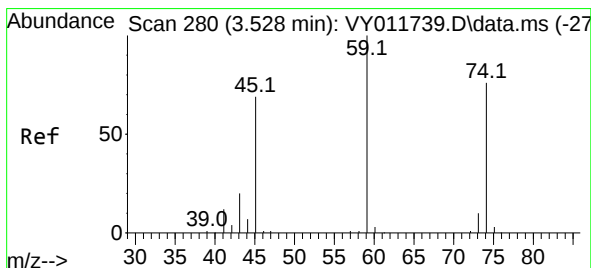
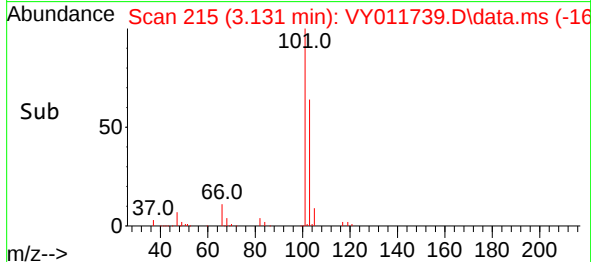
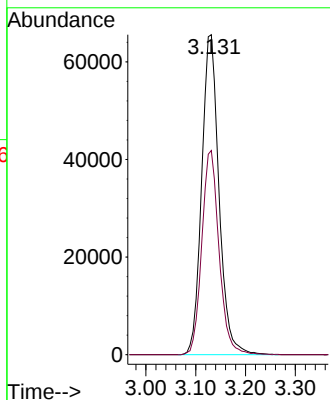
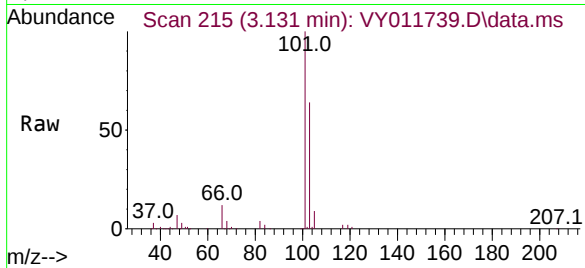




#7
 Trichlorofluoromethane
 Concen: 45.383 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY011739.D
 Acq: 09 Dec 2022 12:00

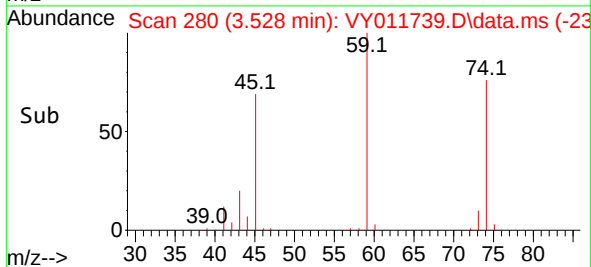
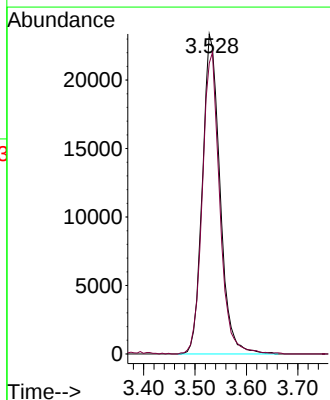
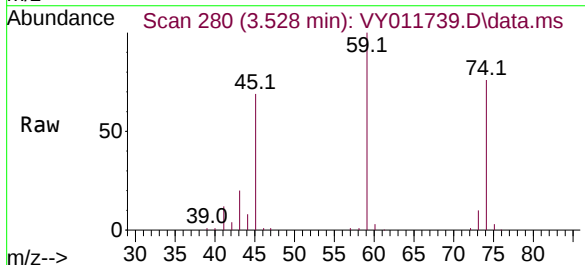
Instrument :
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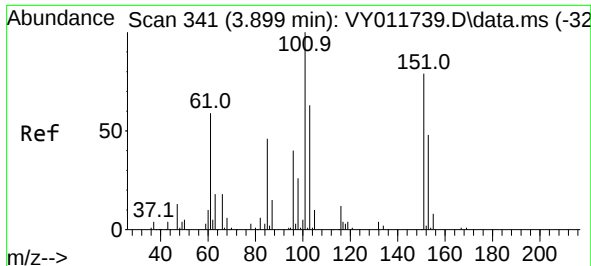
Tgt Ion:101 Resp: 158049
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.0 76.6



#8
 Diethyl Ether
 Concen: 45.379 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY011739.D
 Acq: 09 Dec 2022 12:00

Tgt Ion: 74 Resp: 55355
 Ion Ratio Lower Upper
 74 100
 45 93.5 46.8 140.3

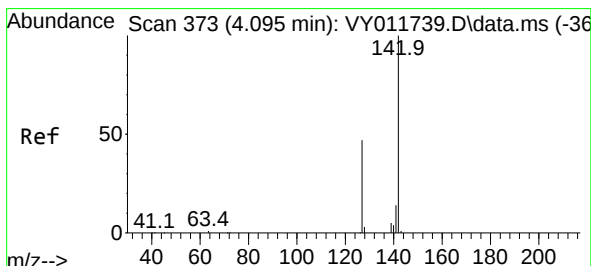
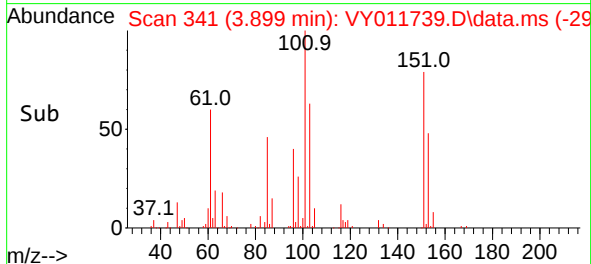
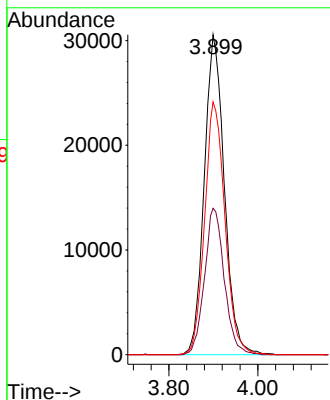
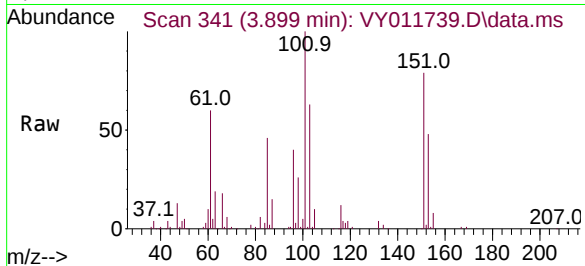




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.171 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

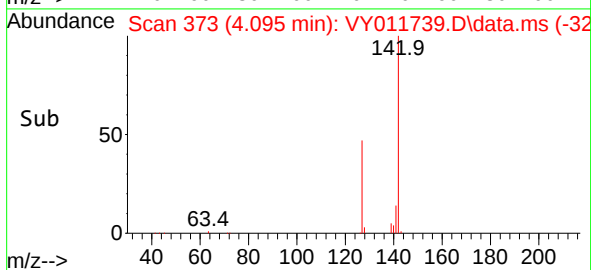
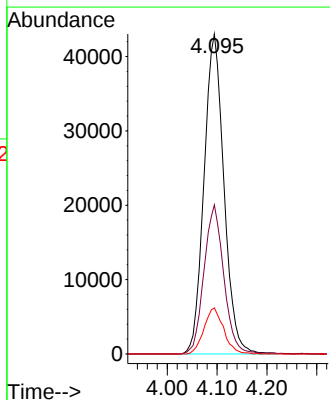
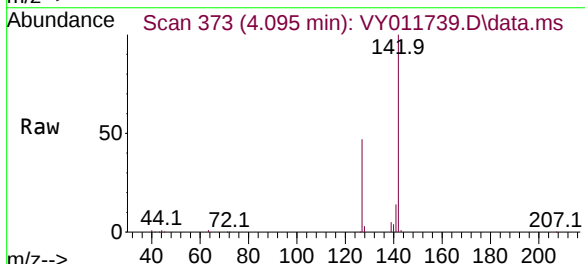
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

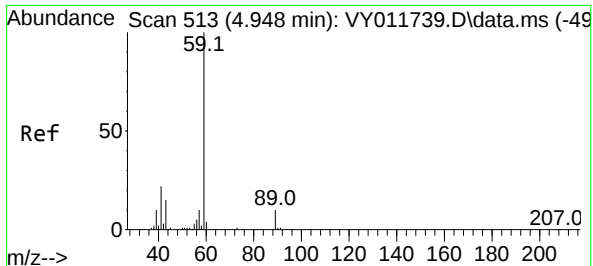
Tgt Ion:101 Resp: 95986
Ion Ratio Lower Upper
101 100
85 45.2 36.2 54.2
151 80.2 64.2 96.2



#10
Methyl Iodide
Concen: 49.068 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

Tgt Ion:142 Resp: 119436
Ion Ratio Lower Upper
142 100
127 46.2 37.0 55.4
141 14.2 11.4 17.0





#11

Tert butyl alcohol

Concen: 165.869 ug/l

RT: 4.948 min Scan# 513

Delta R.T. 0.000 min

Lab File: VY011739.D

Acq: 09 Dec 2022 12:00

Instrument :

MSVOA_Y

ClientSampleId :

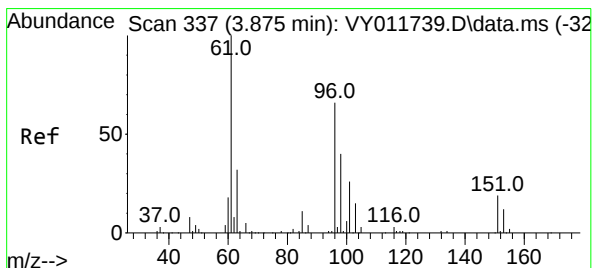
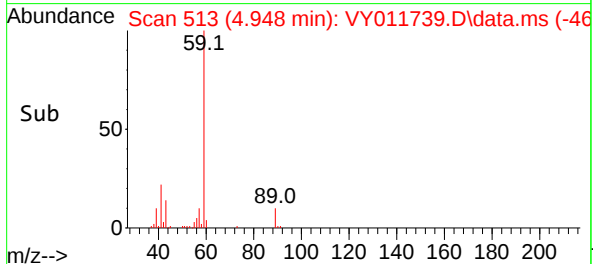
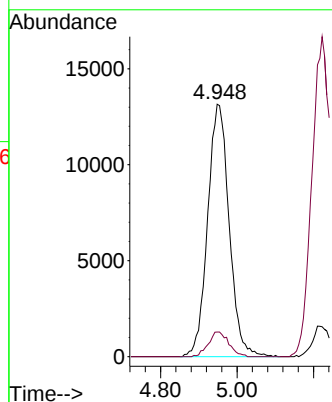
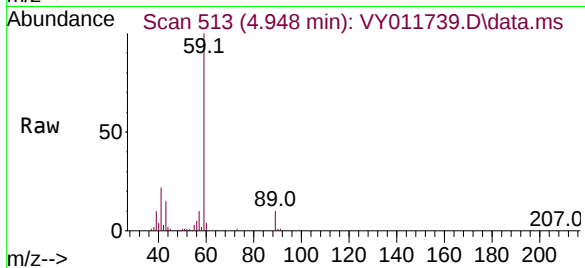
VSTDICCC050

Tgt Ion: 59 Resp: 51377

Ion Ratio Lower Upper

59 100

57 9.3 7.4 11.2



#12

1,1-Dichloroethene

Concen: 46.332 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.000 min

Lab File: VY011739.D

Acq: 09 Dec 2022 12:00

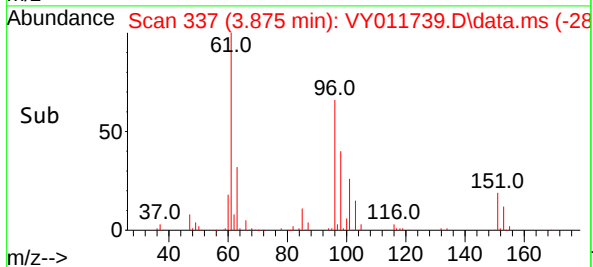
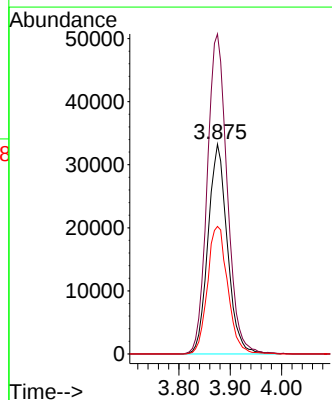
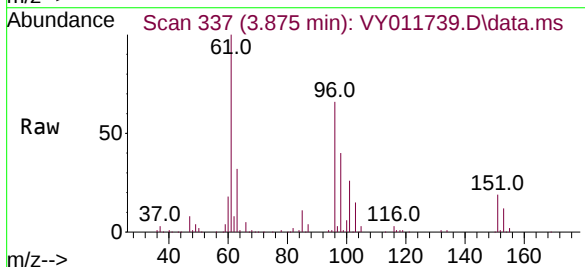
Tgt Ion: 96 Resp: 86868

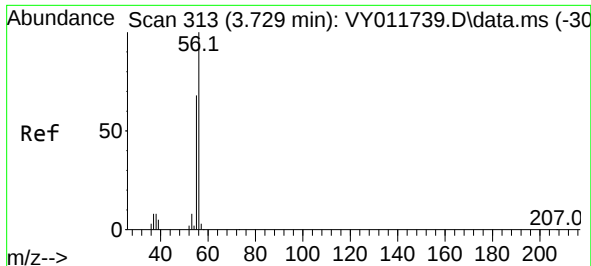
Ion Ratio Lower Upper

96 100

61 152.5 122.0 183.0

98 60.8 48.6 73.0





#13

Acrolein

Concen: 229.691 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY011739.D

Acq: 09 Dec 2022 12:00

Instrument :

MSVOA_Y

ClientSampleId :

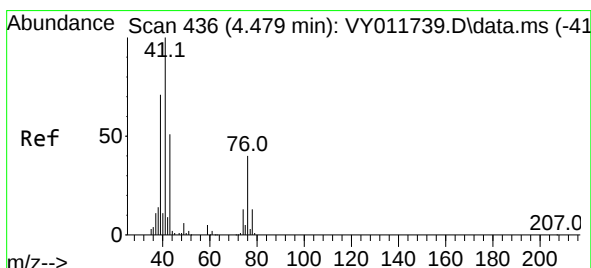
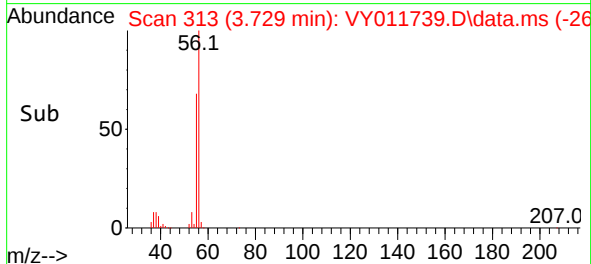
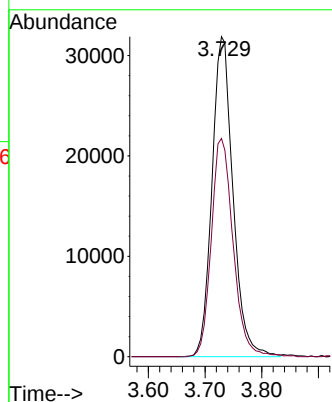
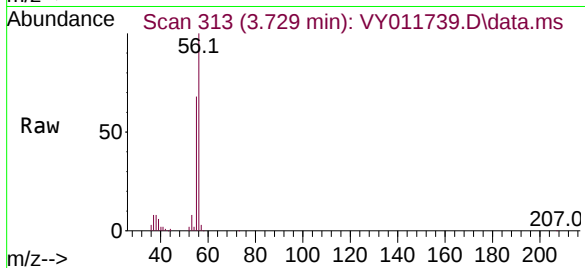
VSTDICCC050

Tgt Ion: 56 Resp: 82031

Ion Ratio Lower Upper

56 100

55 70.8 56.6 85.0



#14

Allyl chloride

Concen: 47.375 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY011739.D

Acq: 09 Dec 2022 12:00

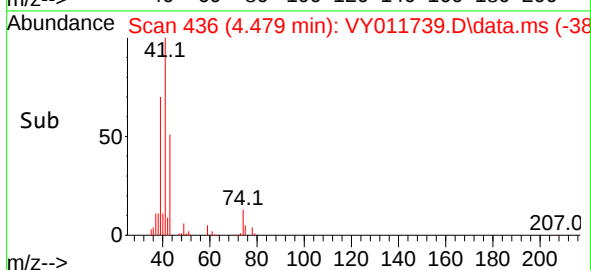
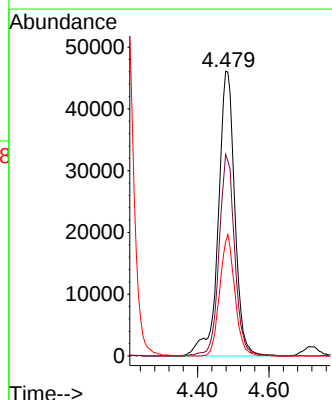
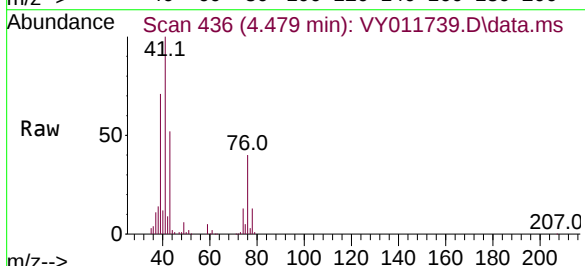
Tgt Ion: 41 Resp: 147543

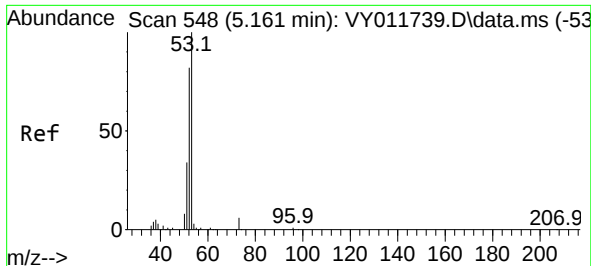
Ion Ratio Lower Upper

41 100

39 66.9 53.5 80.3

76 38.9 31.1 46.7

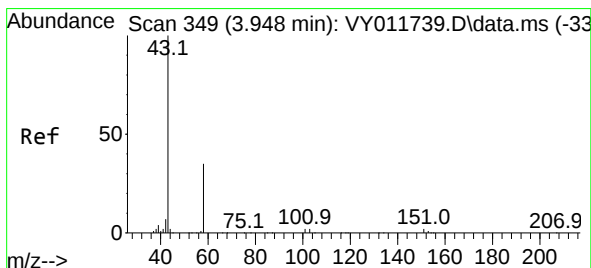
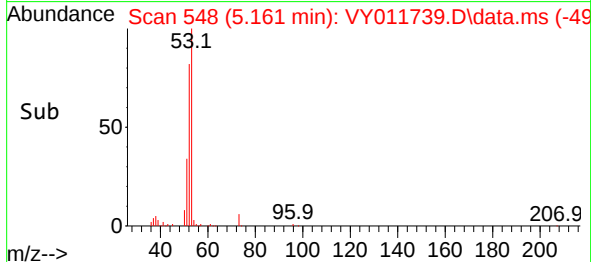
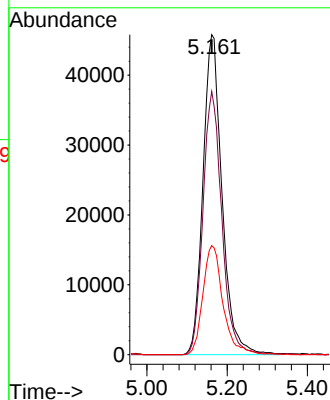
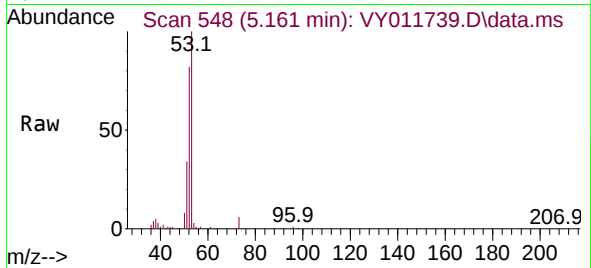




#15
Acrylonitrile
Concen: 230.713 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

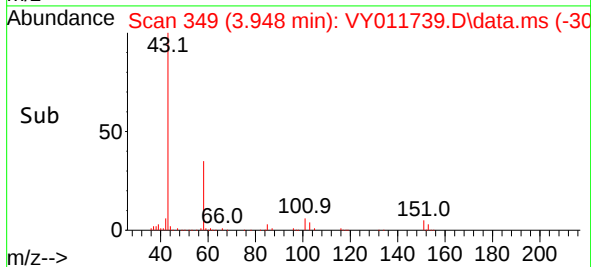
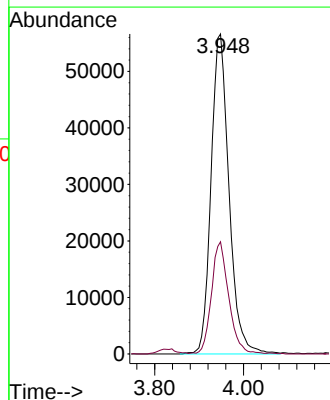
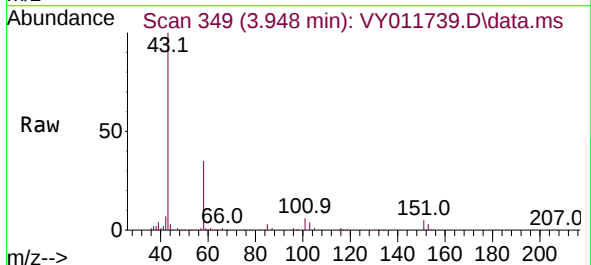
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

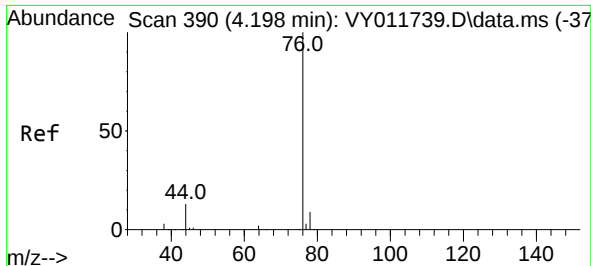
Tgt Ion: 53 Resp: 151057
Ion Ratio Lower Upper
53 100
52 81.4 65.1 97.7
51 35.9 28.7 43.1



#16
Acetone
Concen: 229.596 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

Tgt Ion: 43 Resp: 158825
Ion Ratio Lower Upper
43 100
58 34.9 27.9 41.9

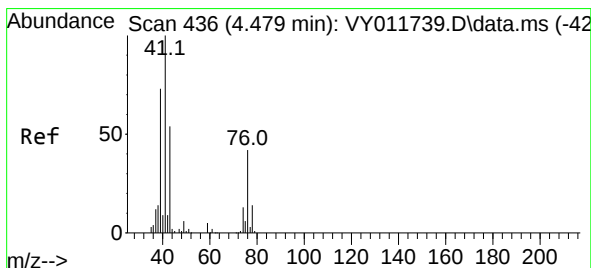
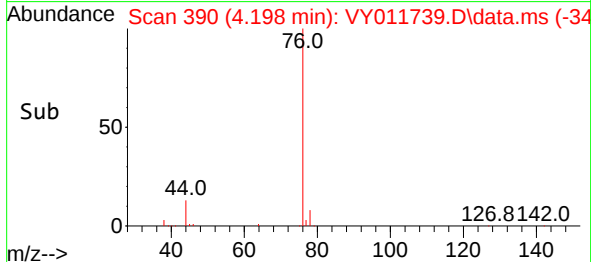
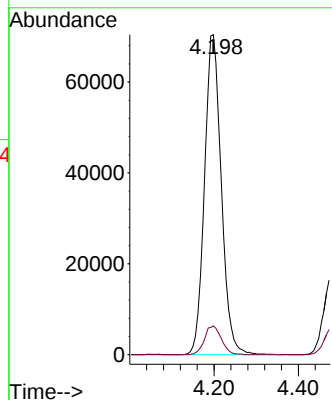
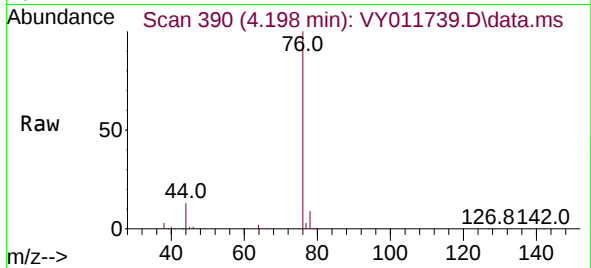




#17
Carbon Disulfide
Concen: 45.594 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

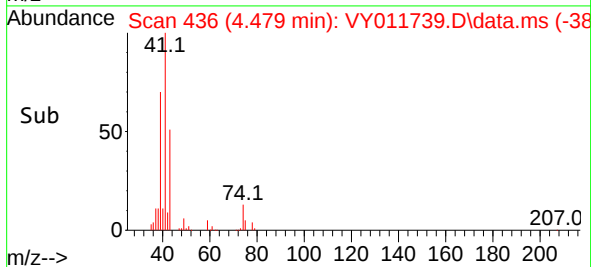
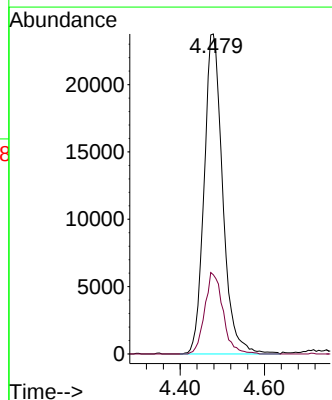
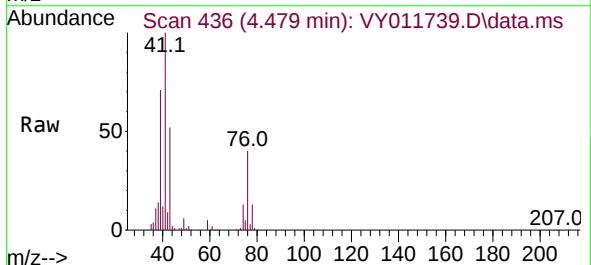
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

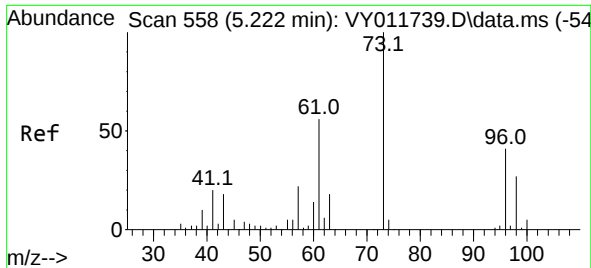
Tgt Ion: 76 Resp: 195221
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 37.253 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

Tgt Ion: 43 Resp: 72777
Ion Ratio Lower Upper
43 100
74 25.1 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 47.676 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY011739.D

Acq: 09 Dec 2022 12:00

Instrument :

MSVOA_Y

ClientSampleId :

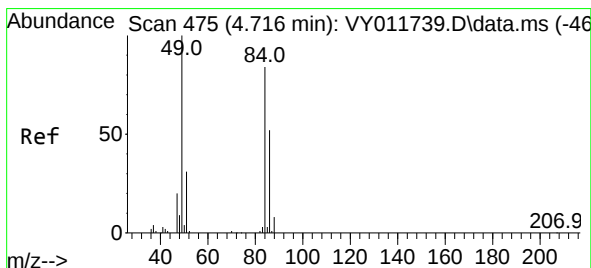
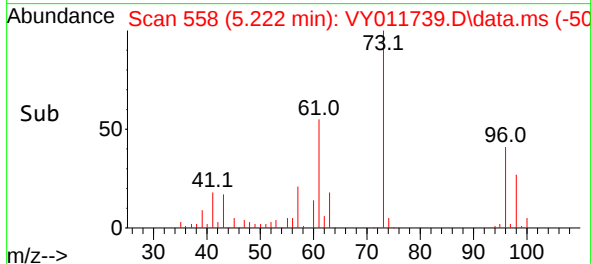
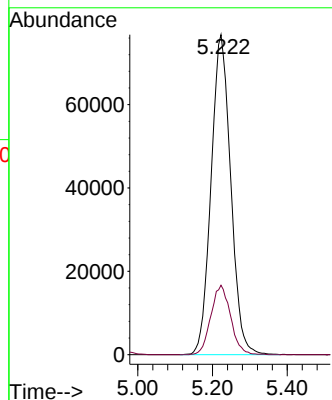
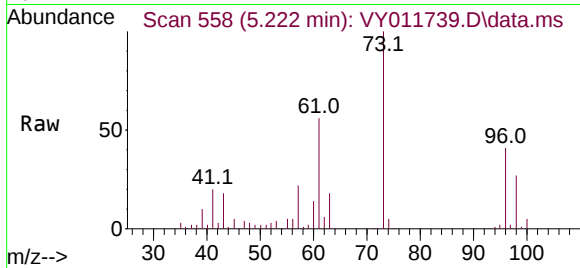
VSTDICCC050

Tgt Ion: 73 Resp: 279875

Ion Ratio Lower Upper

73 100

57 21.7 17.4 26.0



#20

Methylene Chloride

Concen: 37.120 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY011739.D

Acq: 09 Dec 2022 12:00

Tgt Ion: 84 Resp: 117689

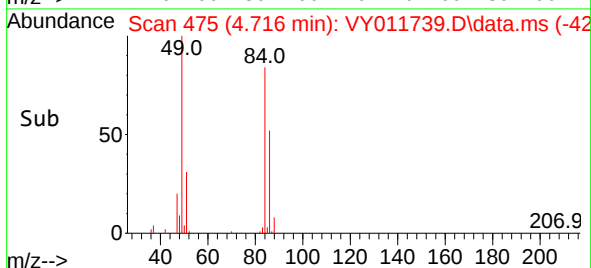
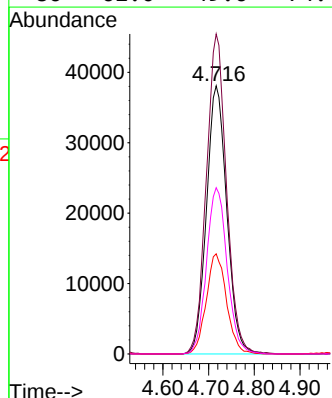
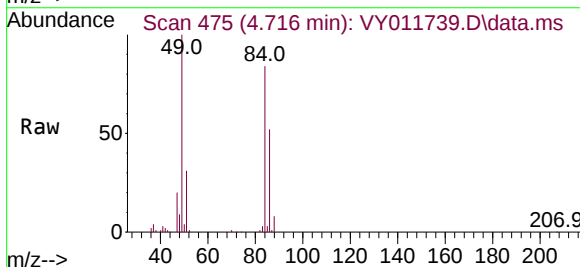
Ion Ratio Lower Upper

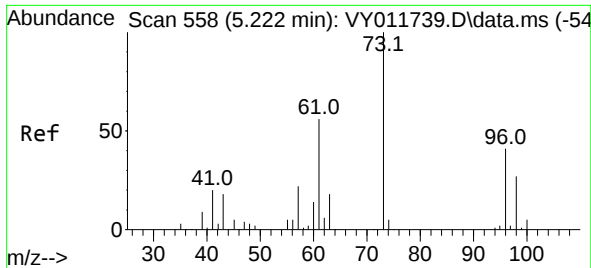
84 100

49 119.3 95.4 143.2

51 37.4 29.9 44.9

86 62.0 49.6 74.4

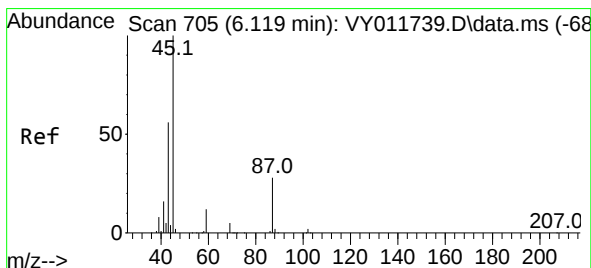
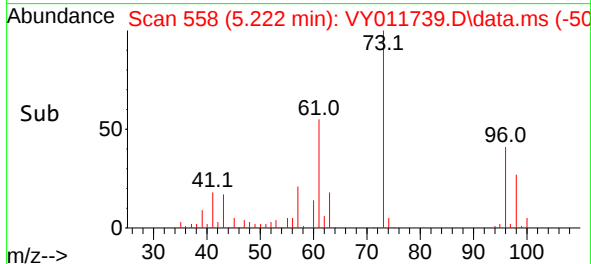
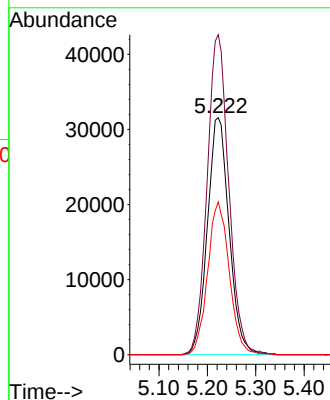
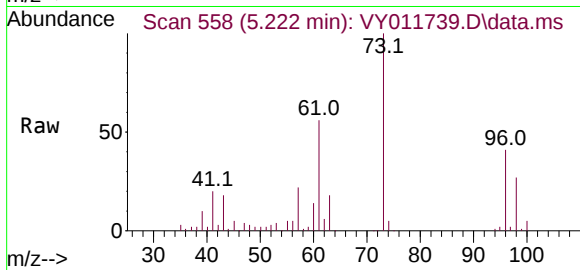




#21
trans-1,2-Dichloroethene
Concen: 46.644 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

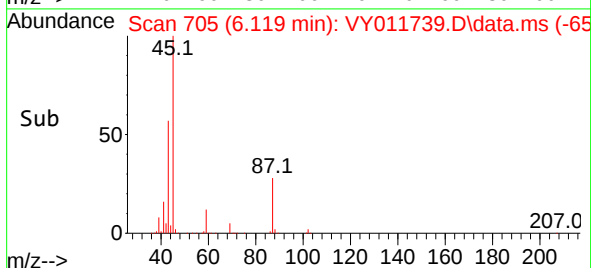
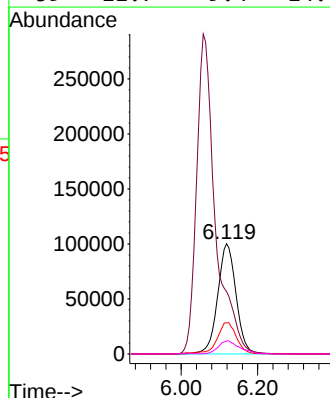
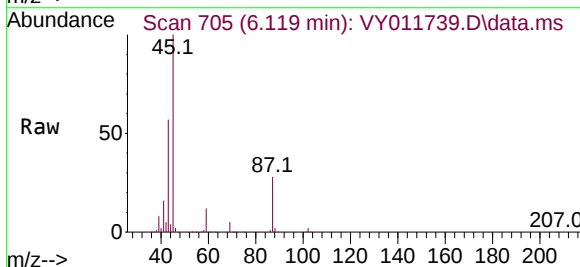
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

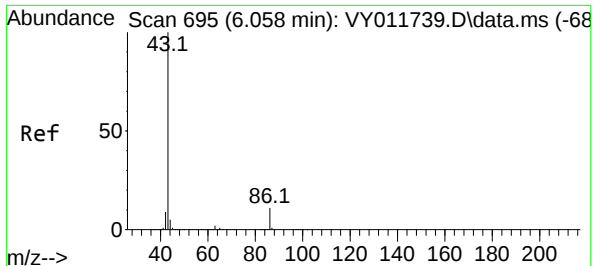
Tgt Ion: 96 Resp: 98292
Ion Ratio Lower Upper
96 100
61 135.0 108.0 162.0
98 64.5 51.6 77.4



#22
Diisopropyl ether
Concen: 49.224 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

Tgt Ion: 45 Resp: 334468
Ion Ratio Lower Upper
45 100
43 56.2 45.0 67.4
87 28.2 22.6 33.8
59 11.7 9.4 14.0

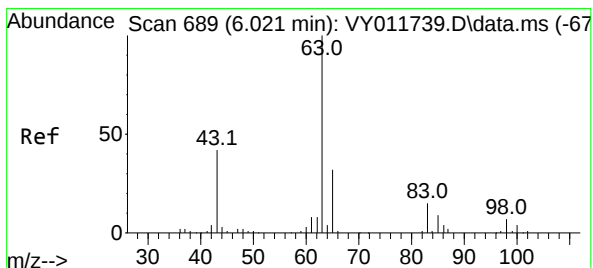
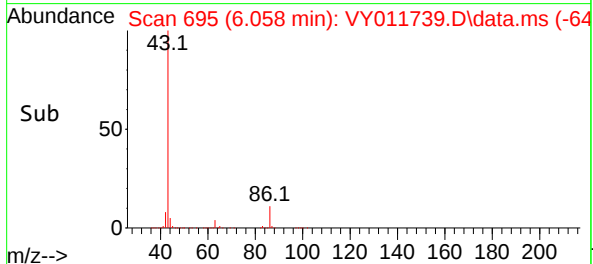
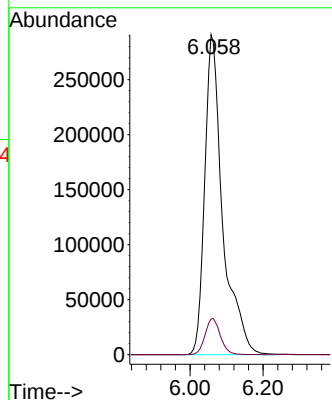
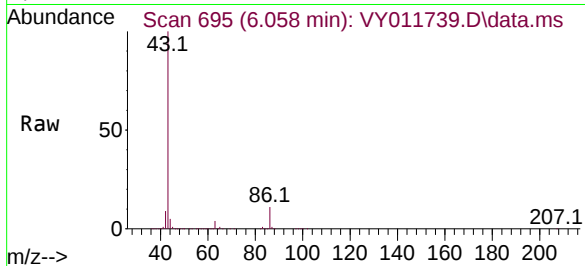




#23
 Vinyl Acetate
 Concen: 255.856 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY011739.D
 Acq: 09 Dec 2022 12:00

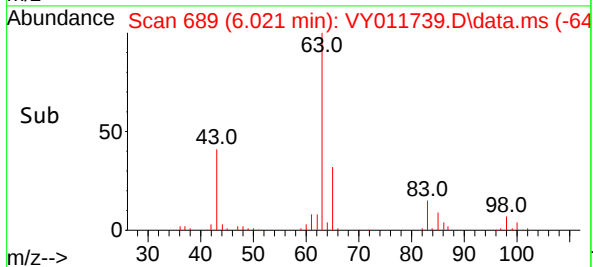
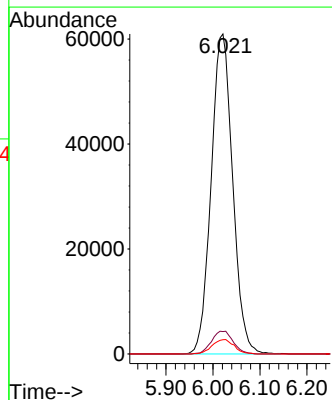
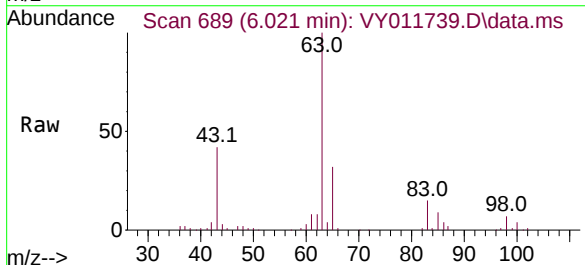
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

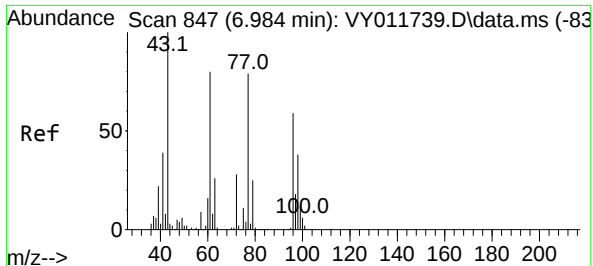
Tgt Ion: 43 Resp: 991810
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 46.958 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY011739.D
 Acq: 09 Dec 2022 12:00

Tgt Ion: 63 Resp: 193893
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.5
 100 4.4 2.2 6.6

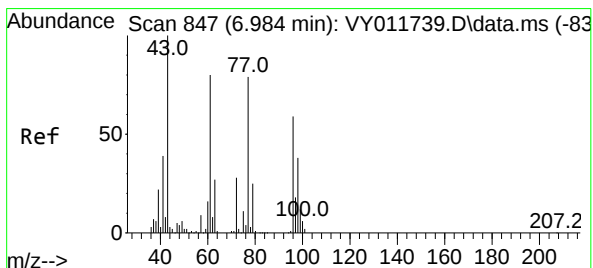
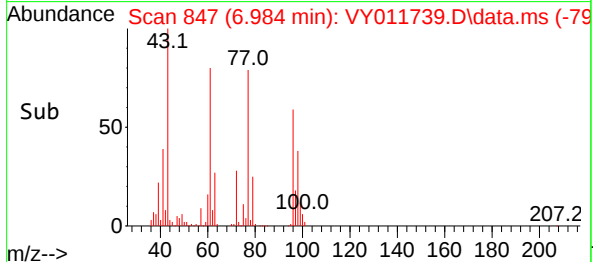
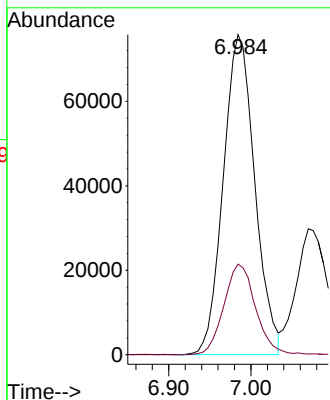
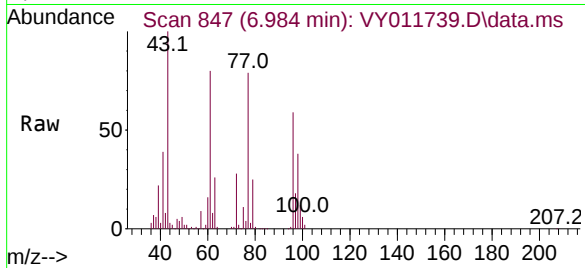




#25
2-Butanone
Concen: 227.030 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

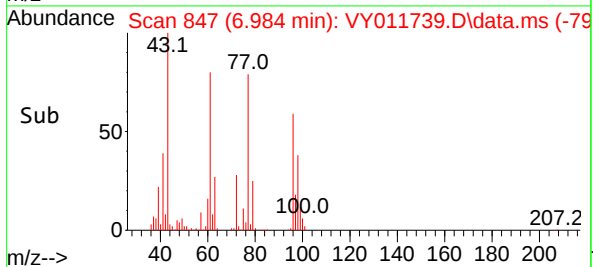
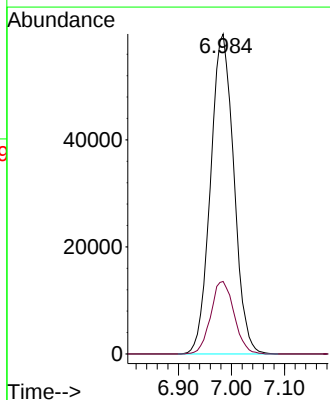
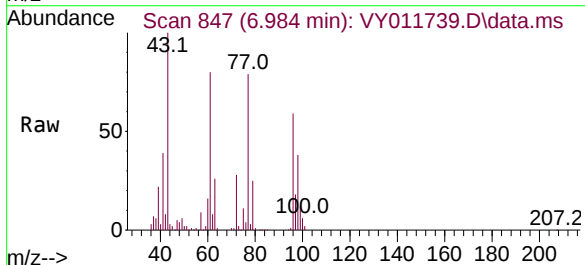
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

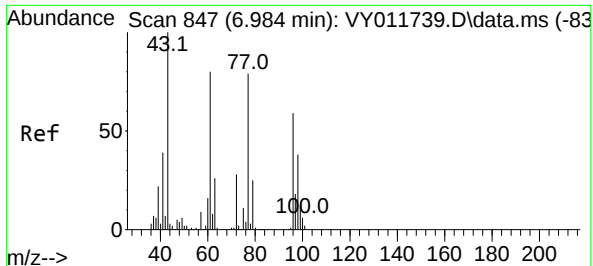
Tgt Ion: 43 Resp: 202014
Ion Ratio Lower Upper
43 100
72 28.3 22.6 34.0



#26
2,2-Dichloropropane
Concen: 47.004 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

Tgt Ion: 77 Resp: 182597
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 47.345 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY011739.D

Acq: 09 Dec 2022 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

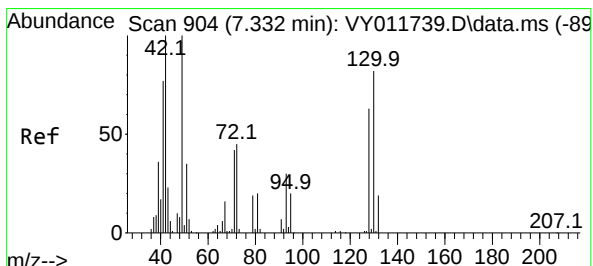
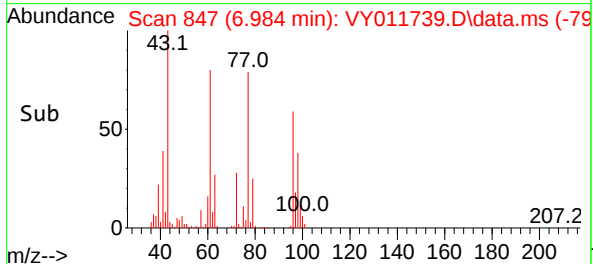
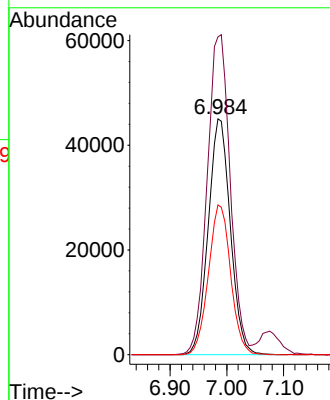
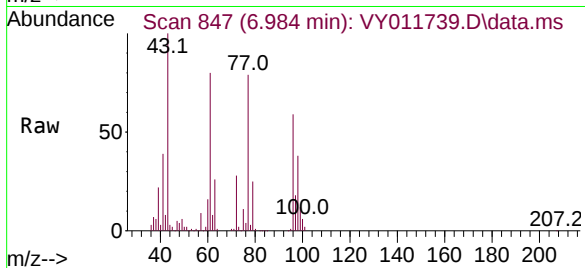
Tgt Ion: 96 Resp: 121937

Ion Ratio Lower Upper

96 100

61 141.7 0.0 283.4

98 63.8 0.0 127.6



#28

Bromochloromethane

Concen: 47.746 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY011739.D

Acq: 09 Dec 2022 12:00

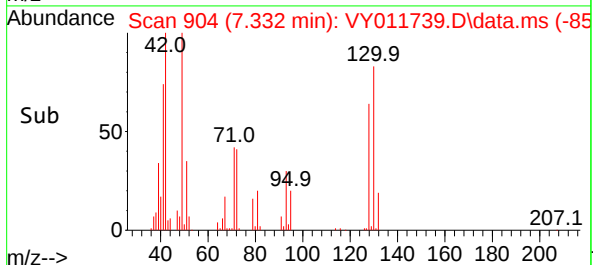
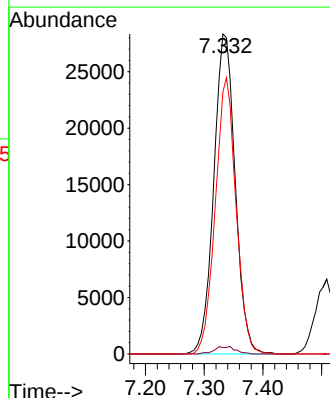
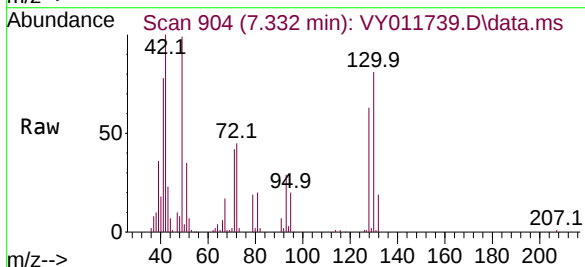
Tgt Ion: 49 Resp: 71773

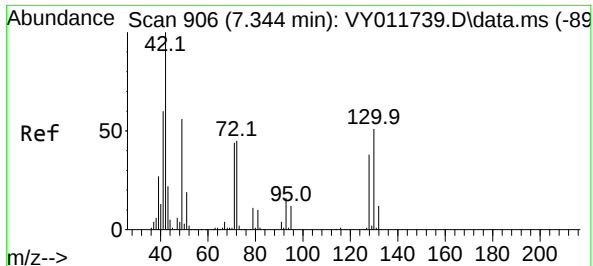
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 83.4 66.7 100.1





#29

Tetrahydrofuran

Concen: 229.471 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY011739.D

Acq: 09 Dec 2022 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

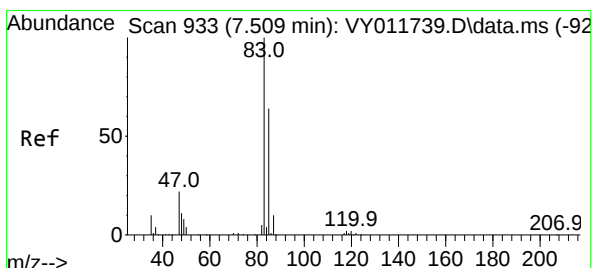
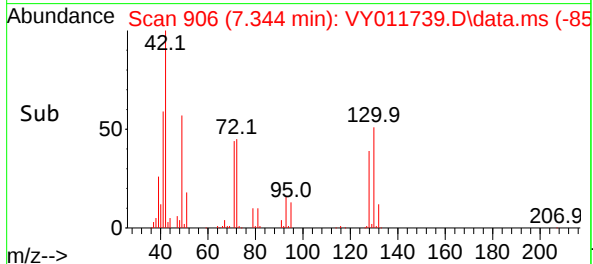
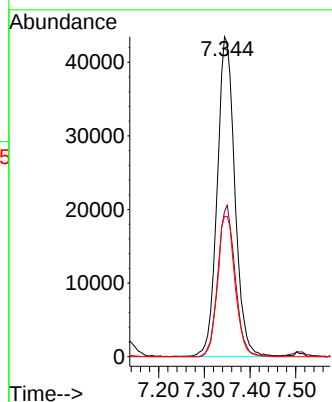
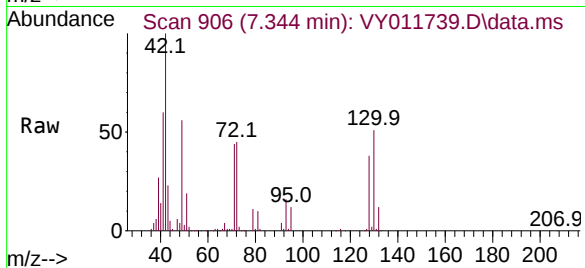
Tgt Ion: 42 Resp: 116217

Ion Ratio Lower Upper

42 100

72 46.3 37.0 55.6

71 43.6 34.9 52.3



#30

Chloroform

Concen: 47.714 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY011739.D

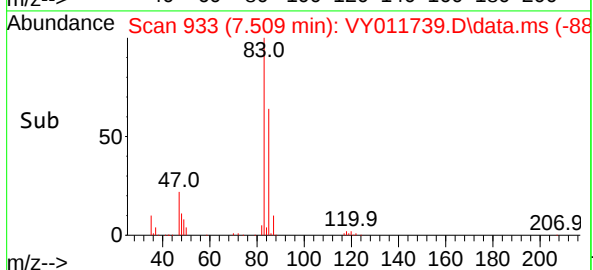
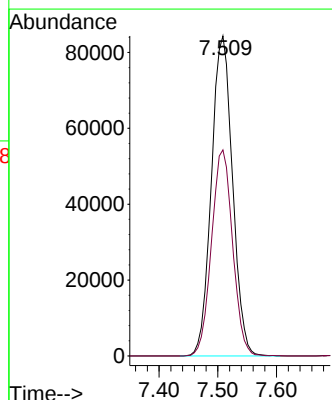
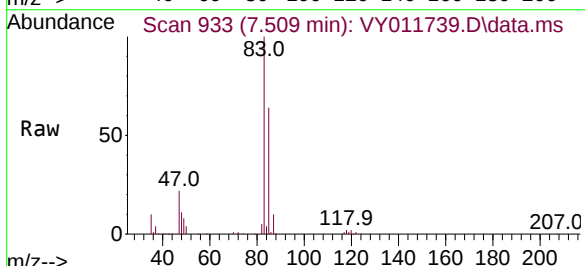
Acq: 09 Dec 2022 12:00

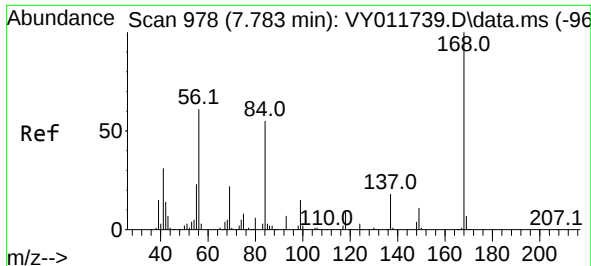
Tgt Ion: 83 Resp: 210624

Ion Ratio Lower Upper

83 100

85 64.4 51.5 77.3

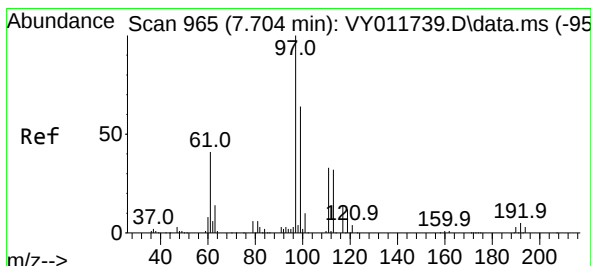
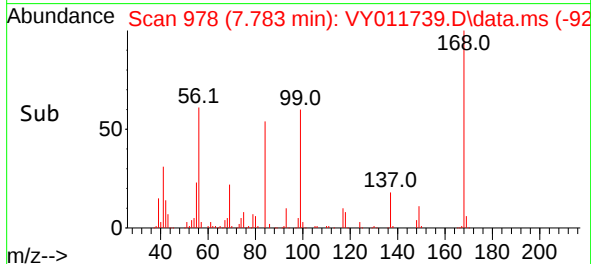
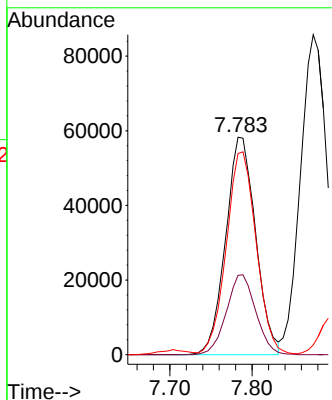
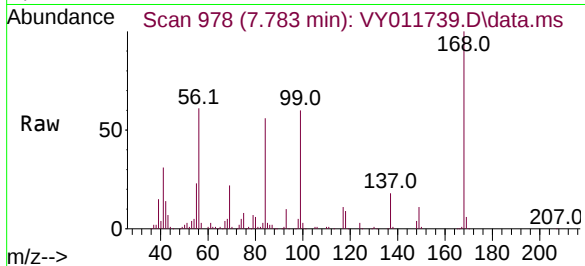




#31
Cyclohexane
Concen: 44.671 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

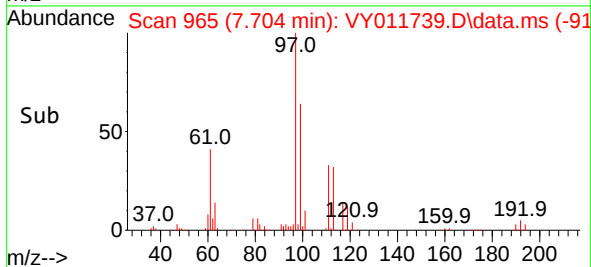
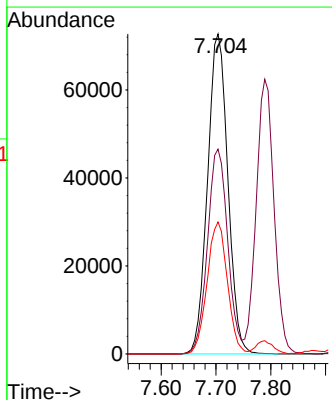
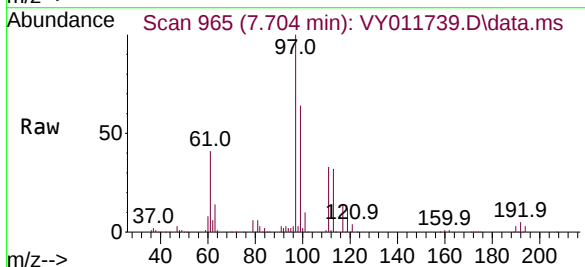
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

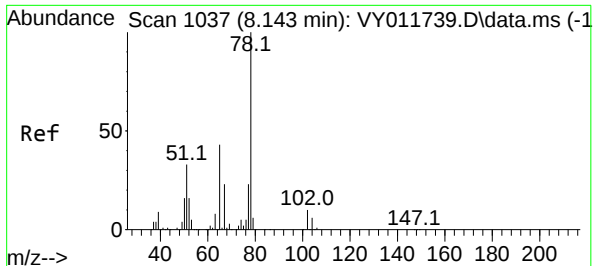
Tgt Ion: 56 Resp: 147831
Ion Ratio Lower Upper
56 100
69 36.5 29.2 43.8
84 90.7 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 47.517 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

Tgt Ion: 97 Resp: 187066
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.4
61 41.2 33.0 49.4

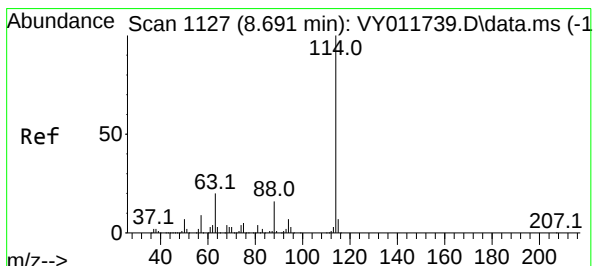
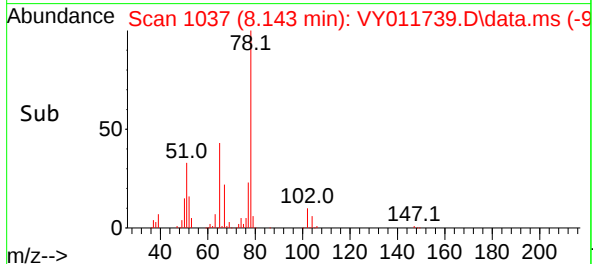
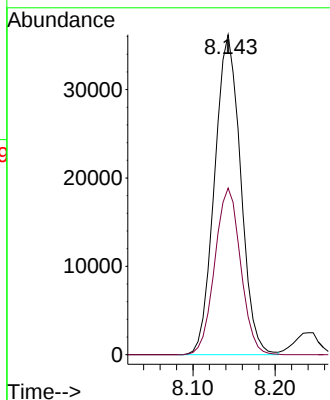
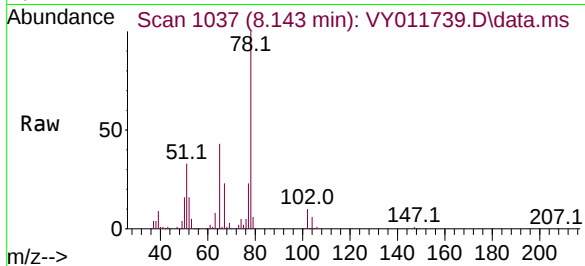




#33
 1,2-Dichloroethane-d4
 Concen: 38.845 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY011739.D
 Acq: 09 Dec 2022 12:00

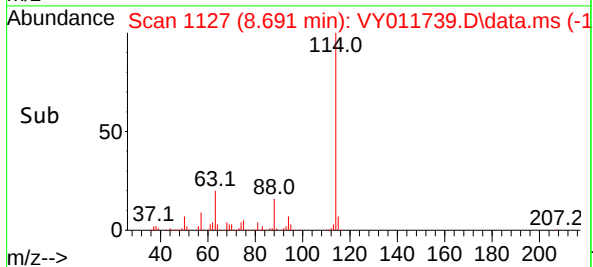
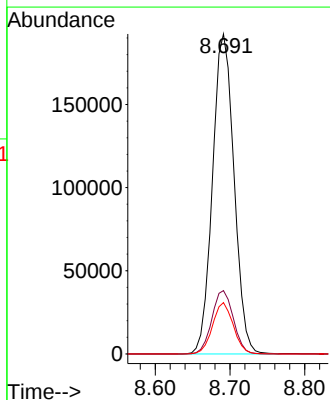
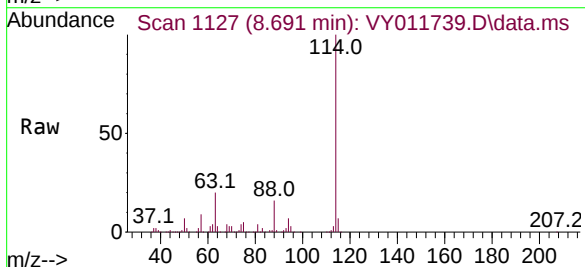
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

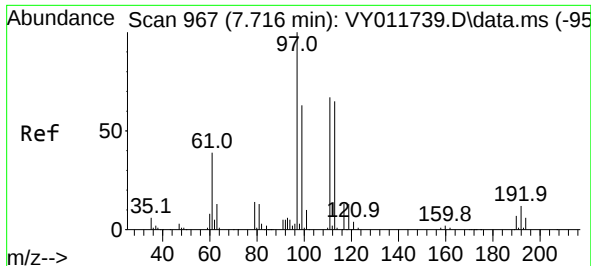
Tgt Ion: 65 Resp: 79921
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY011739.D
 Acq: 09 Dec 2022 12:00

Tgt Ion: 114 Resp: 385118
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.6
 88 16.1 0.0 32.2

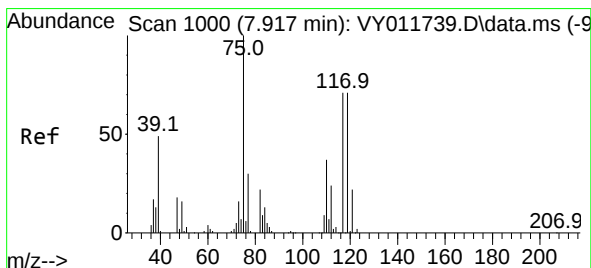
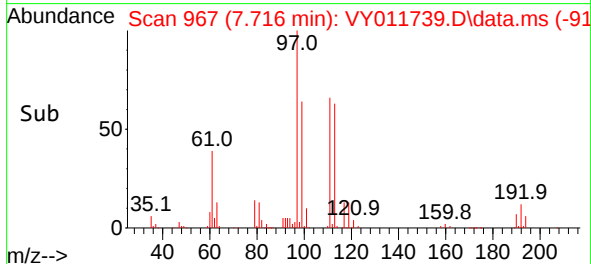
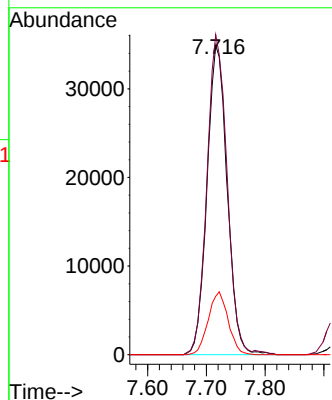
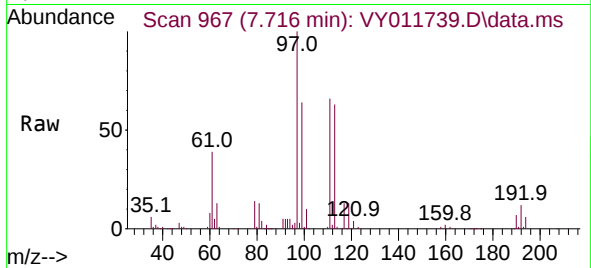




#35
Dibromofluoromethane
Concen: 42.956 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

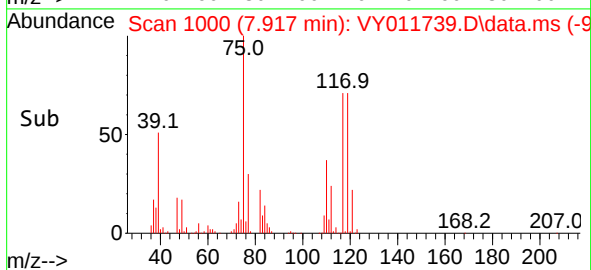
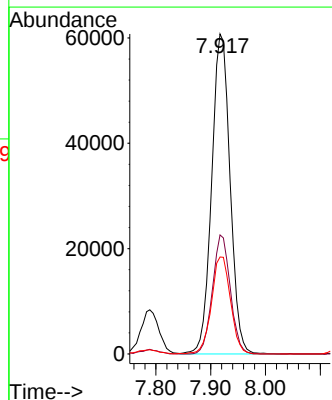
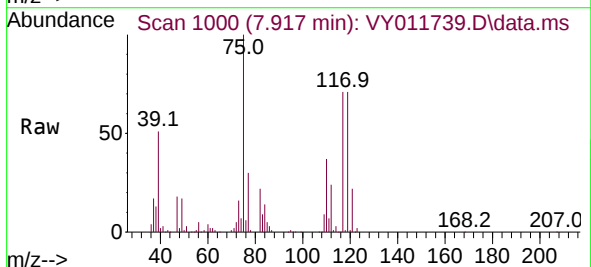
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

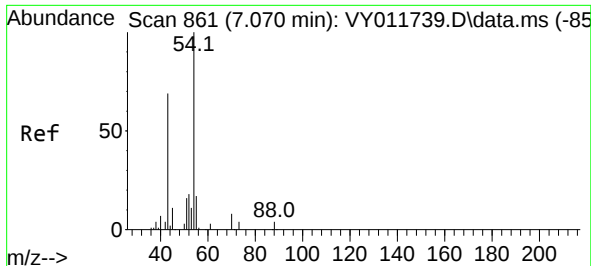
Tgt Ion:113 Resp: 83431
Ion Ratio Lower Upper
113 100
111 103.7 83.0 124.4
192 20.0 16.0 24.0



#36
1,1-Dichloropropene
Concen: 48.433 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

Tgt Ion: 75 Resp: 141542
Ion Ratio Lower Upper
75 100
110 36.1 18.1 54.1
77 31.4 25.1 37.7





#37

Ethyl Acetate

Concen: 48.157 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY011739.D

Acq: 09 Dec 2022 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

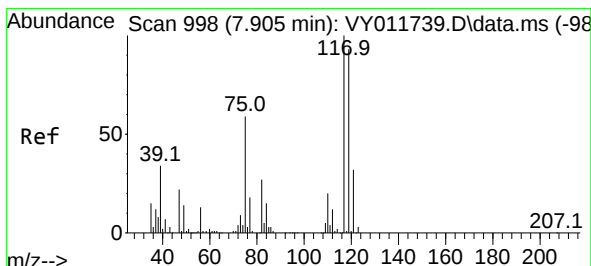
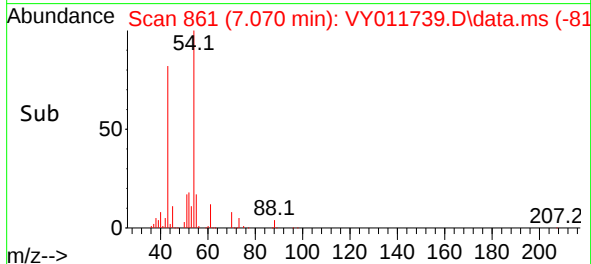
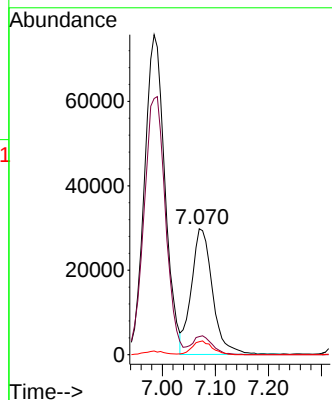
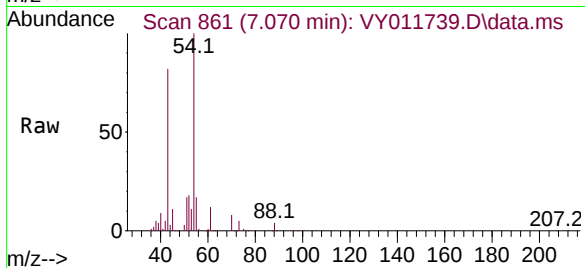
Tgt Ion: 43 Resp: 82280

Ion Ratio Lower Upper

43 100

61 14.1 11.3 16.9

70 10.3 8.2 12.4



#38

Carbon Tetrachloride

Concen: 49.146 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY011739.D

Acq: 09 Dec 2022 12:00

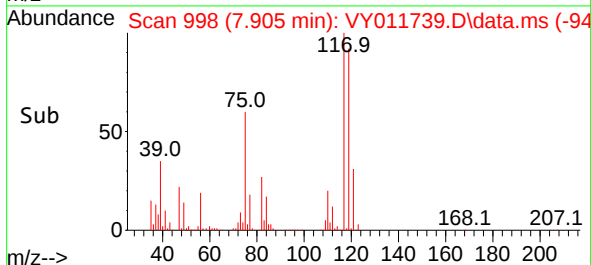
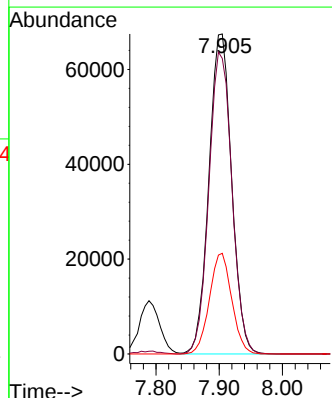
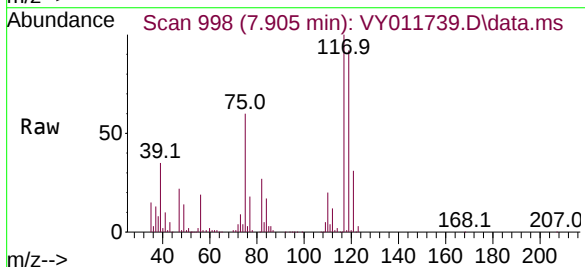
Tgt Ion: 117 Resp: 168712

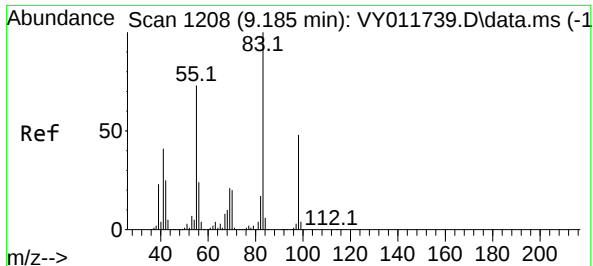
Ion Ratio Lower Upper

117 100

119 92.3 73.8 110.8

121 31.5 25.2 37.8





#39

Methylcyclohexane

Concen: 49.243 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011739.D

Acq: 09 Dec 2022 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

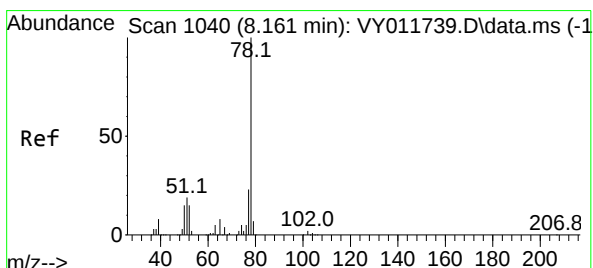
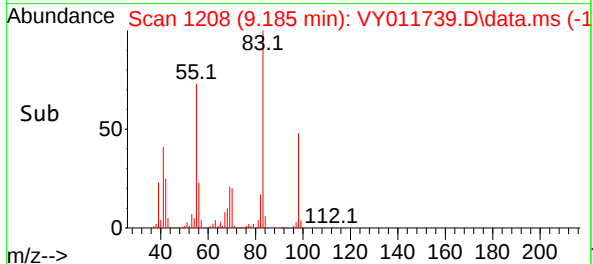
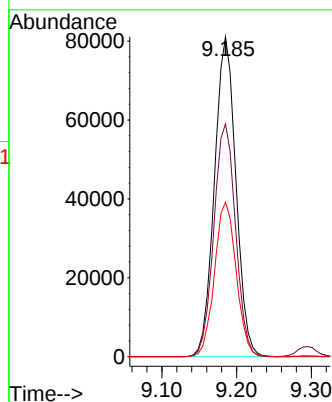
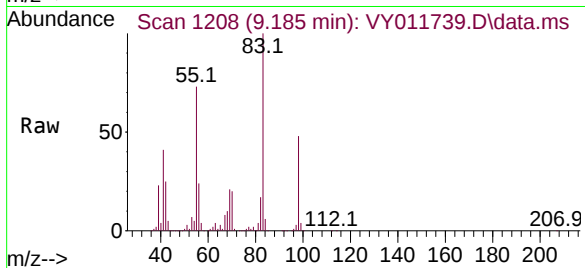
Tgt Ion: 83 Resp: 161924

Ion Ratio Lower Upper

83 100

55 72.7 58.2 87.2

98 48.3 38.6 58.0



#40

Benzene

Concen: 48.463 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY011739.D

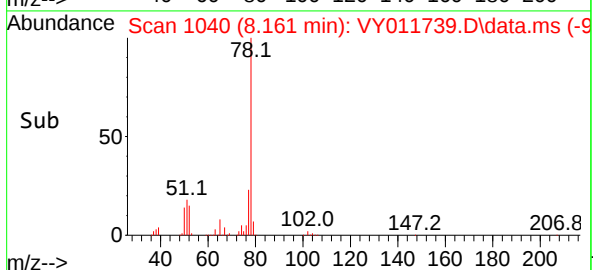
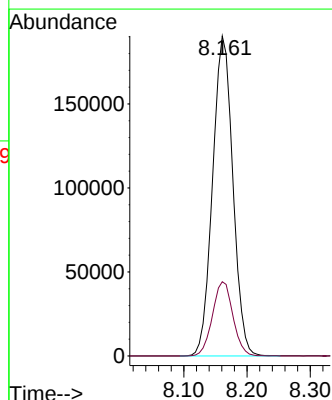
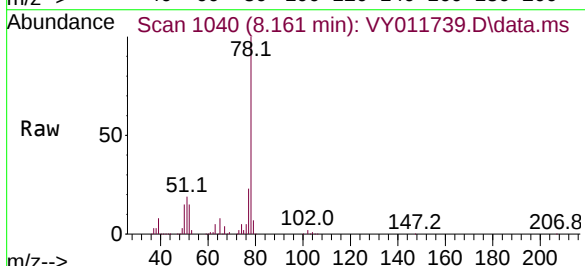
Acq: 09 Dec 2022 12:00

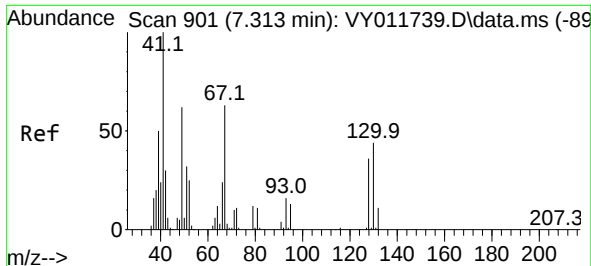
Tgt Ion: 78 Resp: 423111

Ion Ratio Lower Upper

78 100

77 23.2 18.6 27.8

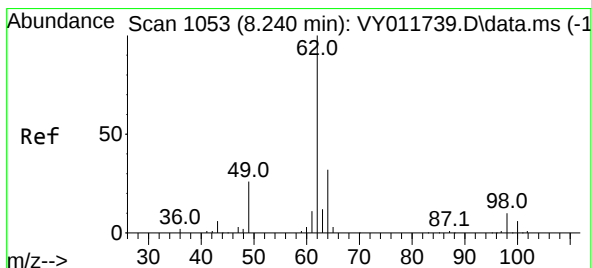
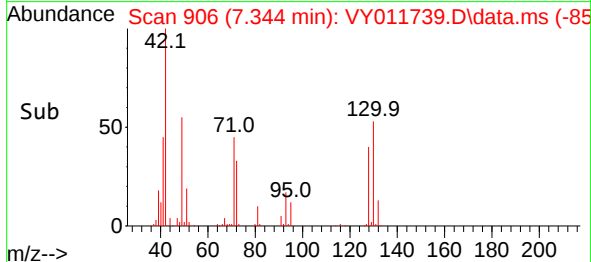
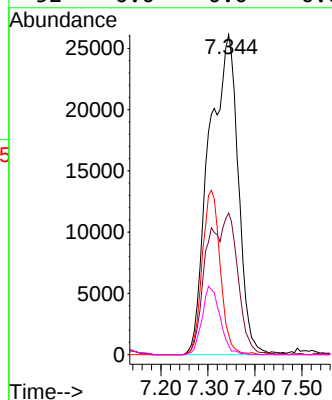
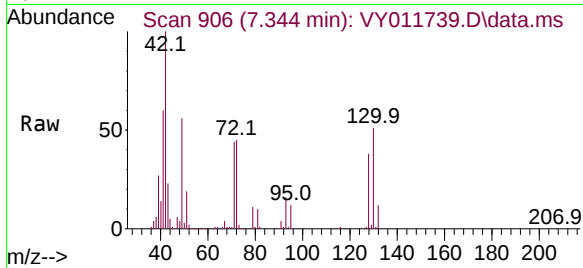




#41
Methacrylonitrile
Concen: 129.617 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

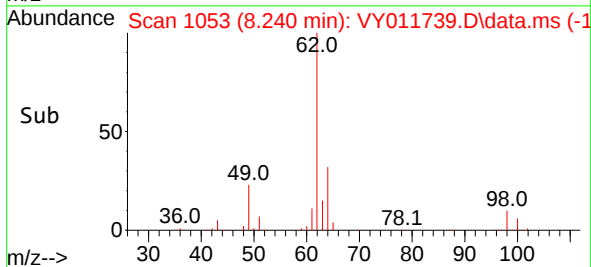
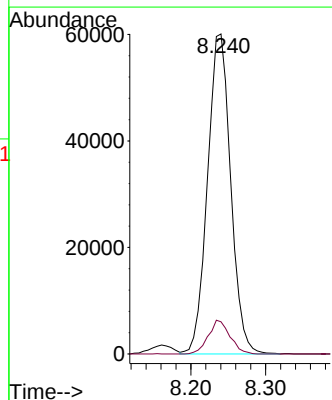
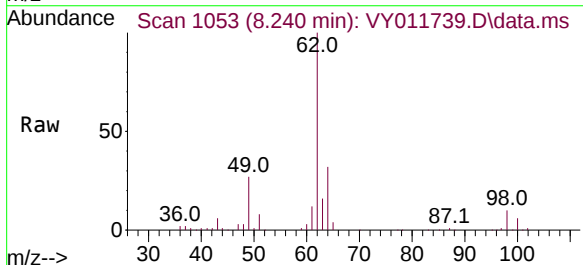
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

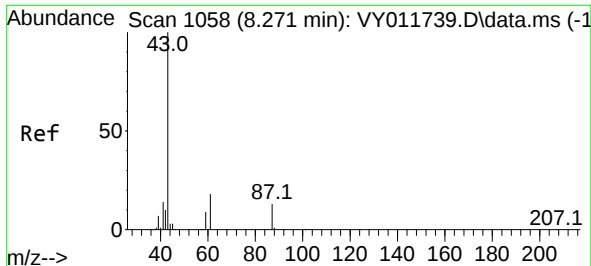
Tgt Ion: 41	Resp: 111904
Ion Ratio	Lower Upper
41 100	
39 0.0	0.0 0.0
67 0.0	0.0 0.0
52 0.0	0.0 0.0



#42
1,2-Dichloroethane
Concen: 48.066 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

Tgt Ion: 62	Resp: 129769
Ion Ratio	Lower Upper
62 100	
98 9.8	0.0 19.6





#43

Isopropyl Acetate

Concen: 47.633 ug/l

RT: 8.271 min Scan# 11058

Delta R.T. 0.000 min

Lab File: VY011739.D

Acq: 09 Dec 2022 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

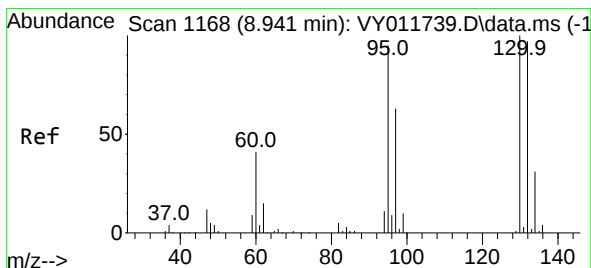
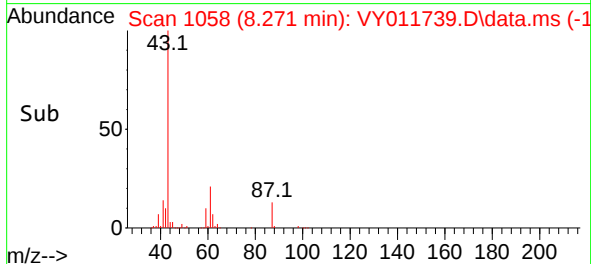
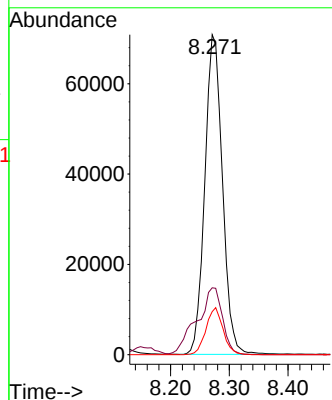
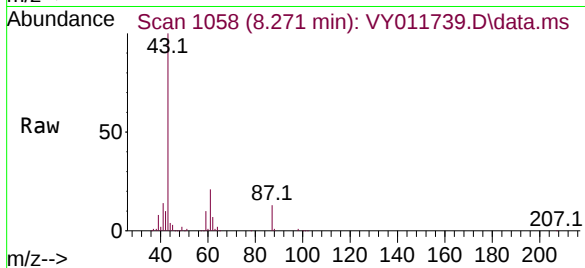
Tgt Ion: 43 Resp: 147573

Ion Ratio Lower Upper

43 100

61 30.5 24.4 36.6

87 14.3 11.4 17.2



#44

Trichloroethene

Concen: 47.757 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY011739.D

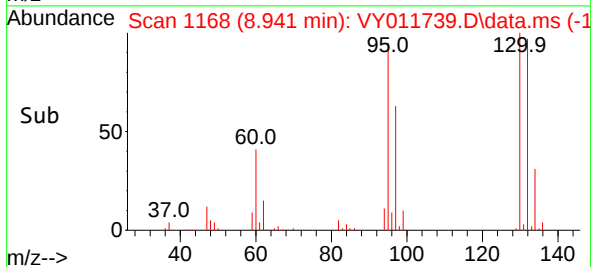
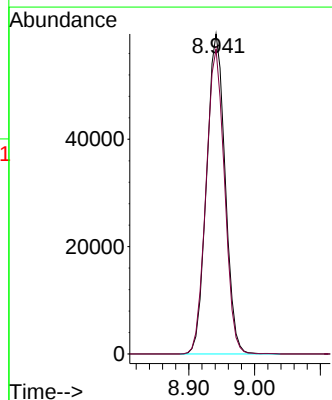
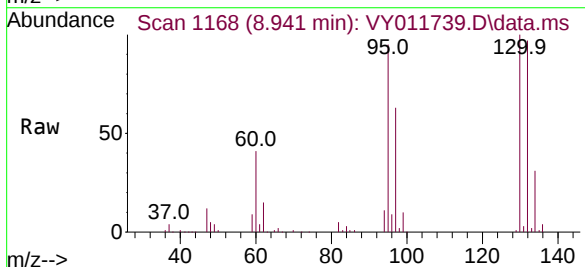
Acq: 09 Dec 2022 12:00

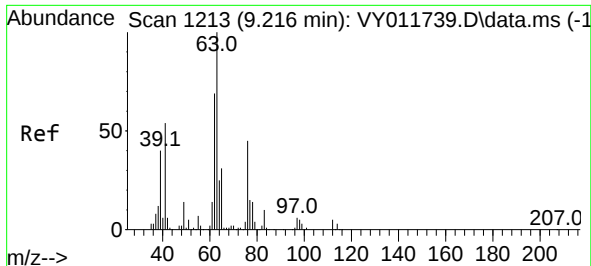
Tgt Ion:130 Resp: 116774

Ion Ratio Lower Upper

130 100

95 95.3 0.0 190.6





#45

1,2-Dichloropropane

Concen: 48.723 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY011739.D

Acq: 09 Dec 2022 12:00

Instrument :

MSVOA_Y

ClientSampleId :

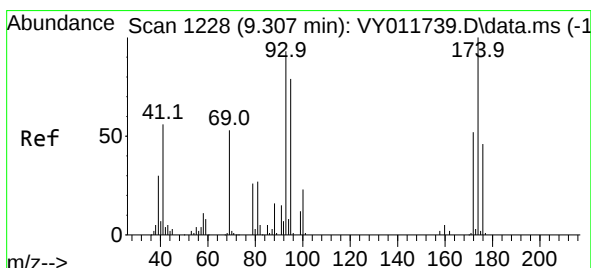
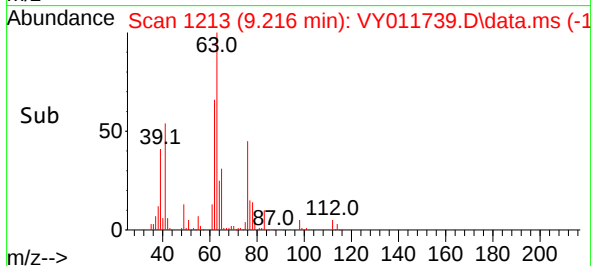
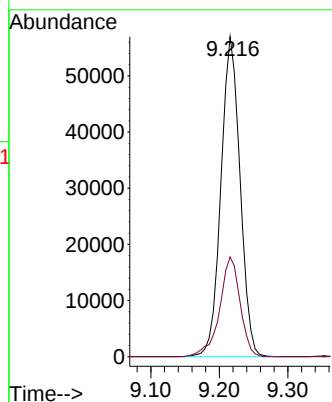
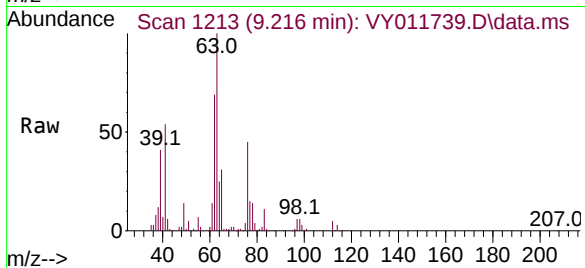
VSTDICCC050

Tgt Ion: 63 Resp: 110098

Ion Ratio Lower Upper

63 100

65 31.1 24.9 37.3



#46

Dibromomethane

Concen: 47.429 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY011739.D

Acq: 09 Dec 2022 12:00

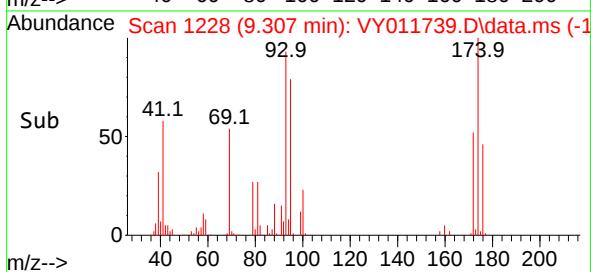
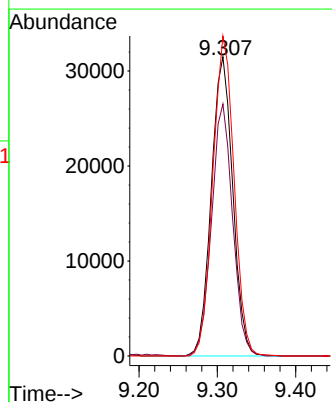
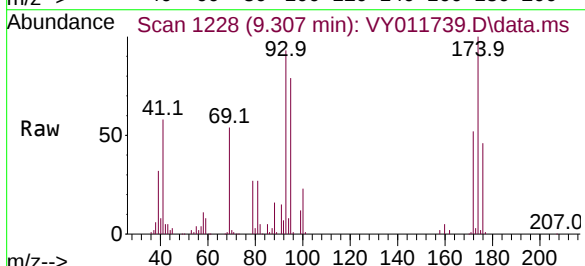
Tgt Ion: 93 Resp: 59992

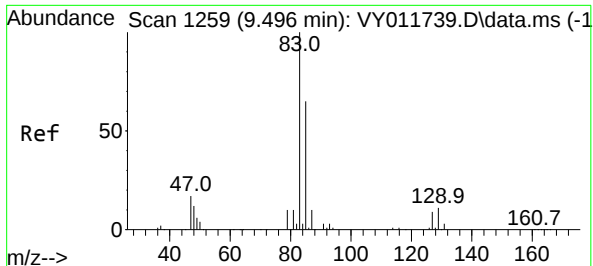
Ion Ratio Lower Upper

93 100

95 82.6 66.1 99.1

174 105.9 84.7 127.1

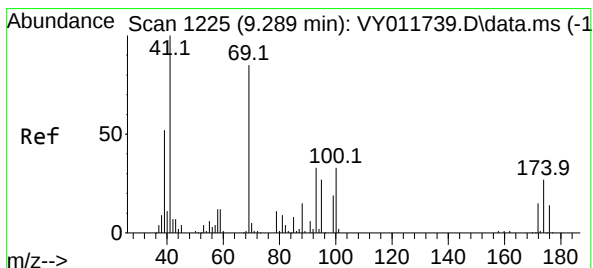
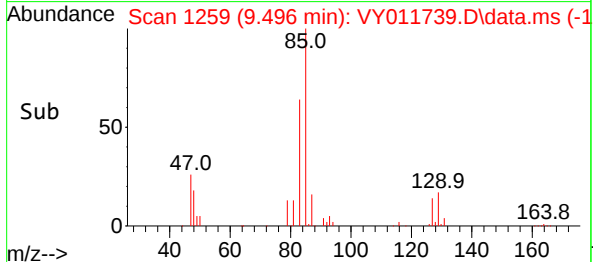
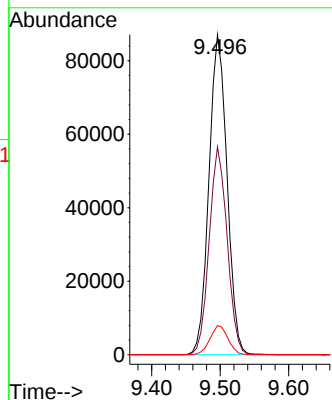
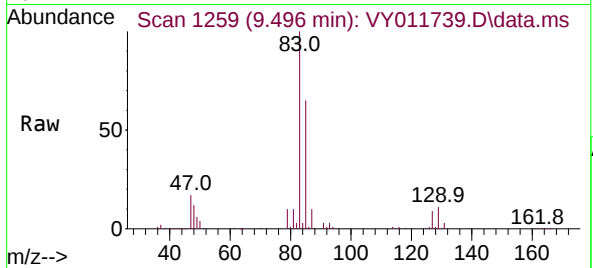




#47
Bromodichloromethane
Concen: 48.950 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

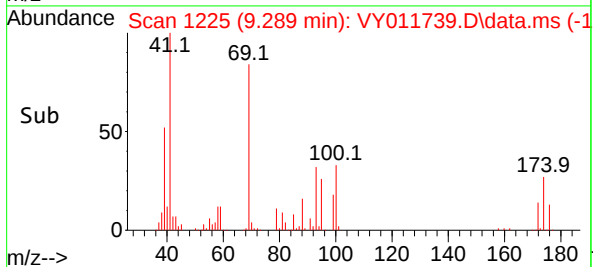
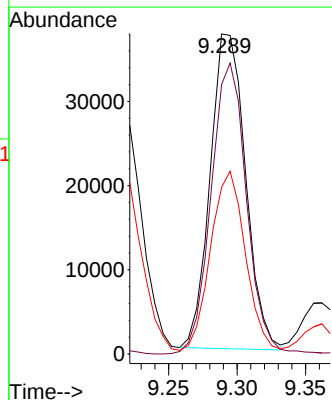
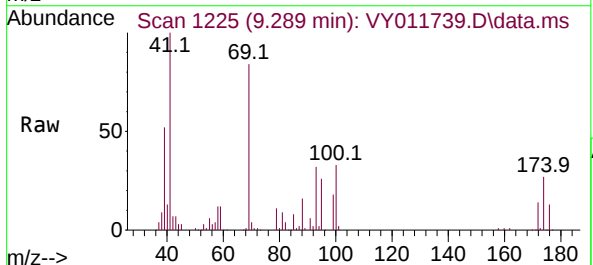
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

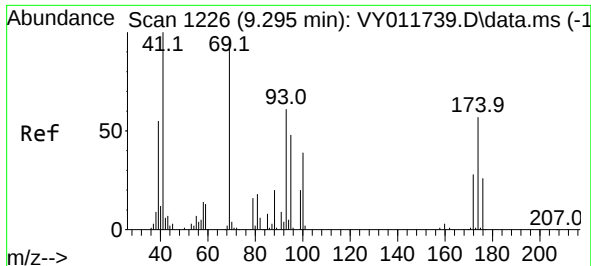
Tgt Ion: 83 Resp: 159957
Ion Ratio Lower Upper
83 100
85 65.0 52.0 78.0
127 9.1 7.3 10.9



#48
Methyl methacrylate
Concen: 49.195 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

Tgt Ion: 41 Resp: 67183
Ion Ratio Lower Upper
41 100
69 92.7 74.2 111.2
39 57.9 46.3 69.5





#49

1,4-Dioxane

Concen: 949.149 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY011739.D

Acq: 09 Dec 2022 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

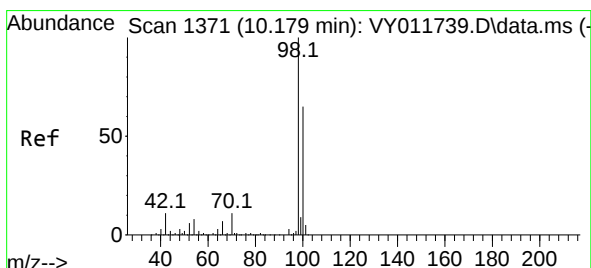
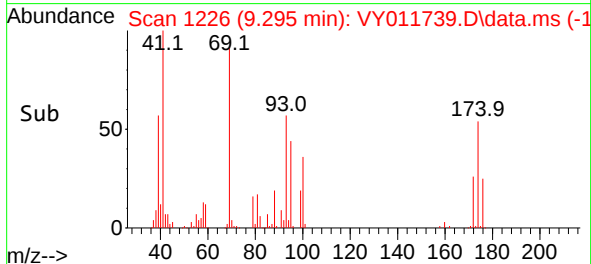
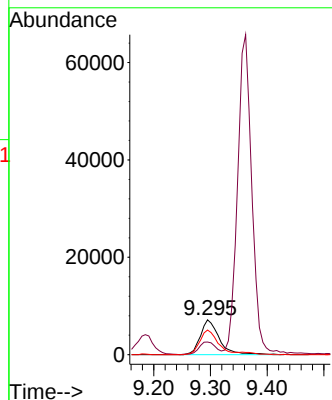
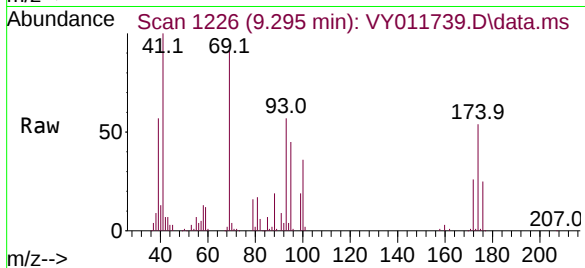
Tgt Ion: 88 Resp: 16632

Ion Ratio Lower Upper

88 100

43 32.7 26.2 39.2

58 67.9 54.3 81.5



#50

Toluene-d8

Concen: 39.356 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY011739.D

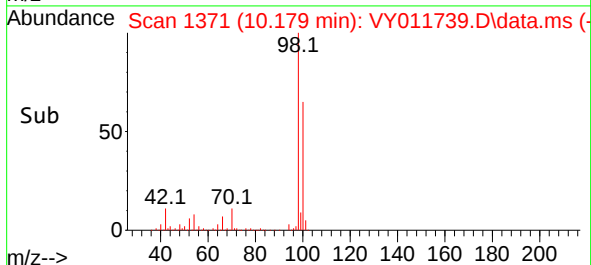
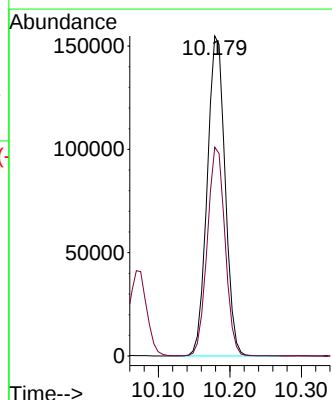
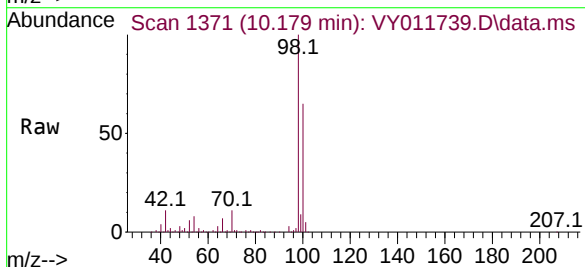
Acq: 09 Dec 2022 12:00

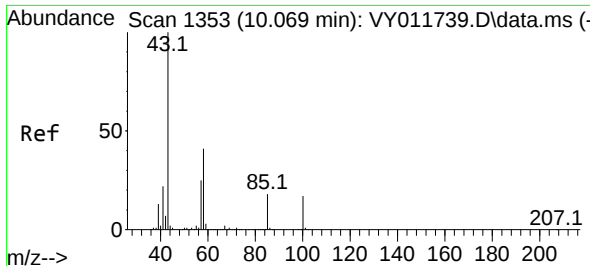
Tgt Ion: 98 Resp: 268143

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9

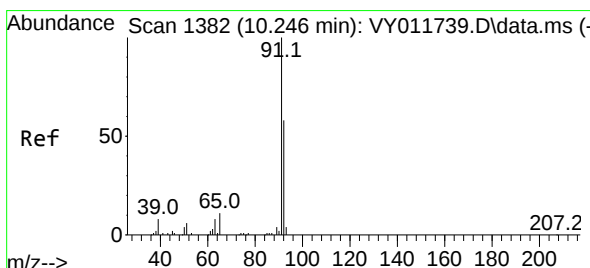
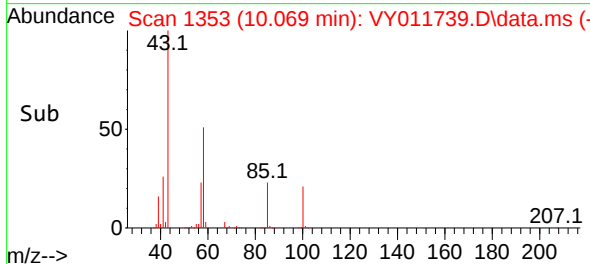
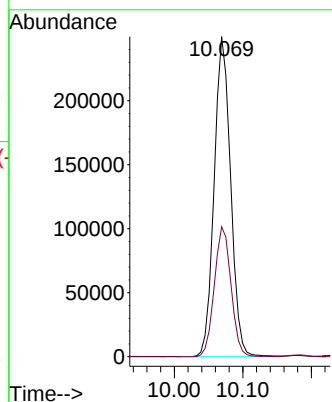
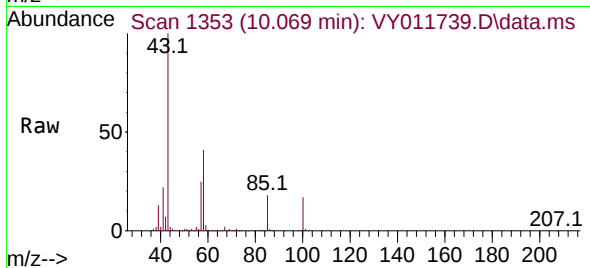




#51
4-Methyl-2-Pentanone
Concen: 243.933 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

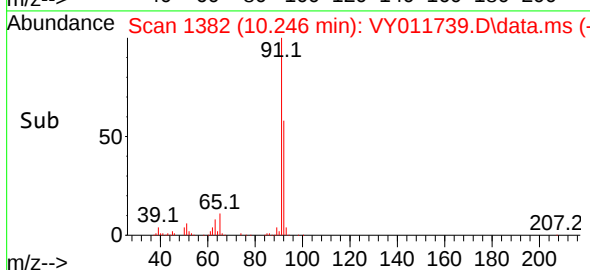
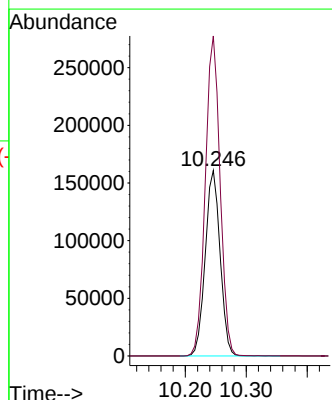
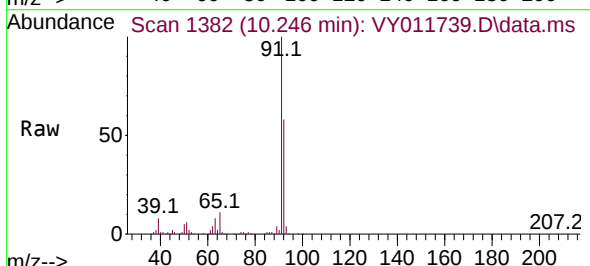
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

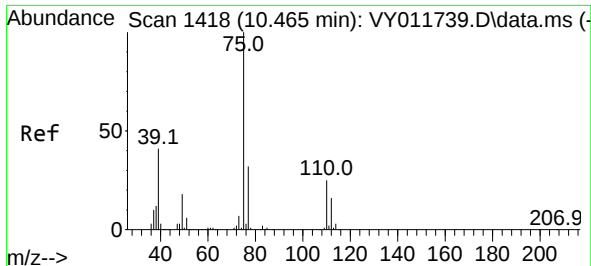
Tgt Ion: 43 Resp: 416419
Ion Ratio Lower Upper
43 100
58 41.1 32.9 49.3



#52
Toluene
Concen: 49.175 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

Tgt Ion: 92 Resp: 272936
Ion Ratio Lower Upper
92 100
91 171.7 137.4 206.0

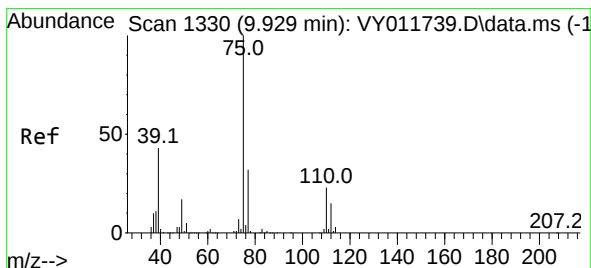
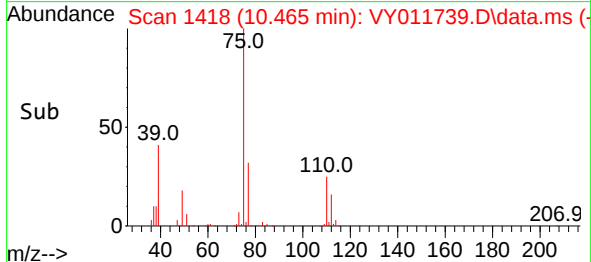
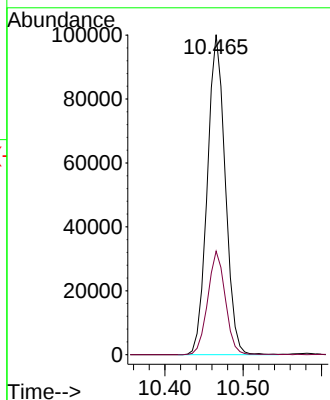
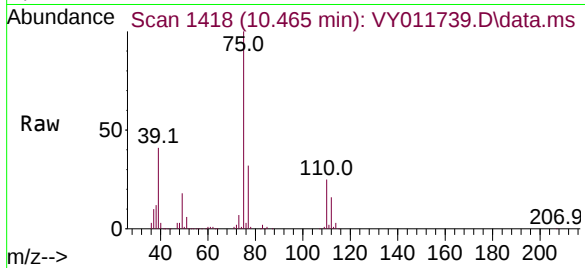




#53
 t-1,3-Dichloropropene
 Concen: 48.643 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY011739.D
 Acq: 09 Dec 2022 12:00

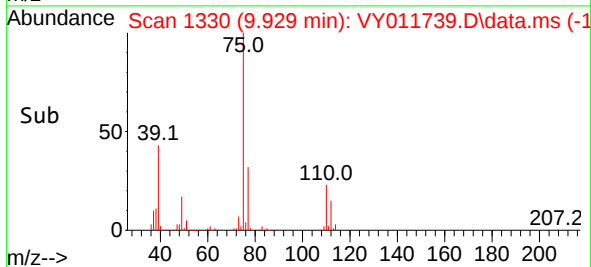
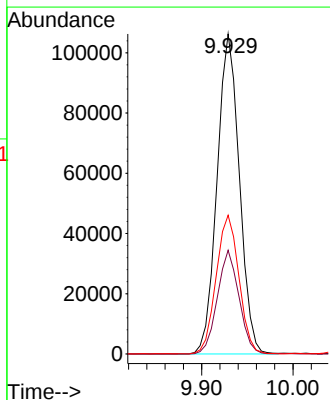
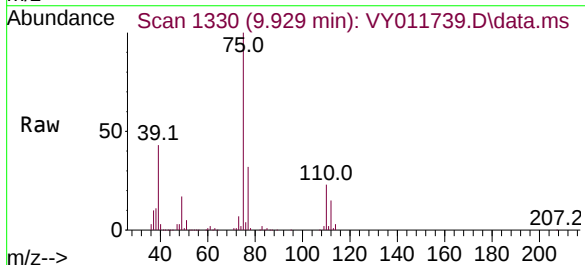
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

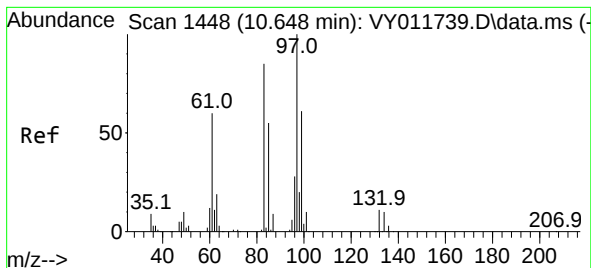
Tgt Ion: 75 Resp: 158773
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 49.100 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY011739.D
 Acq: 09 Dec 2022 12:00

Tgt Ion: 75 Resp: 180067
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.9 38.9
 39 43.3 34.6 52.0





#55

1,1,2-Trichloroethane

Concen: 47.886 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY011739.D

Acq: 09 Dec 2022 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 89524

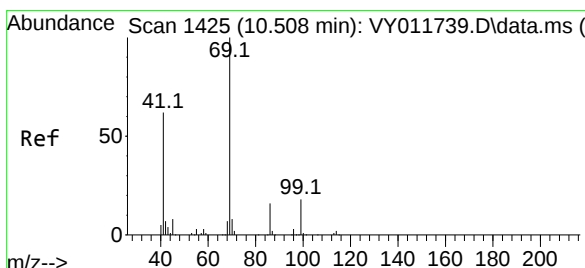
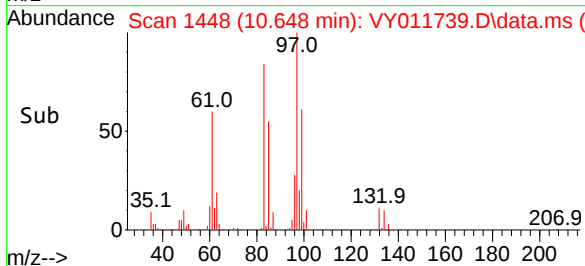
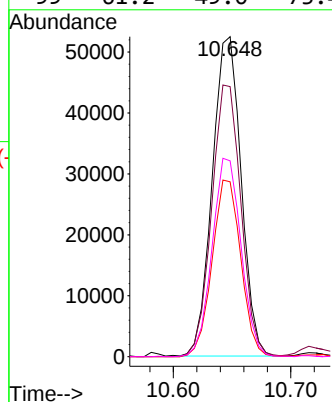
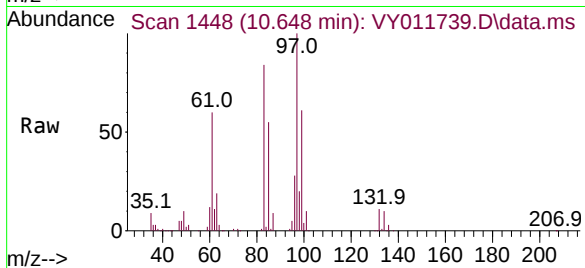
Ion Ratio Lower Upper

97 100

83 84.6 67.7 101.5

85 54.8 43.8 65.8

99 61.2 49.0 73.4



#56

Ethyl methacrylate

Concen: 50.195 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY011739.D

Acq: 09 Dec 2022 12:00

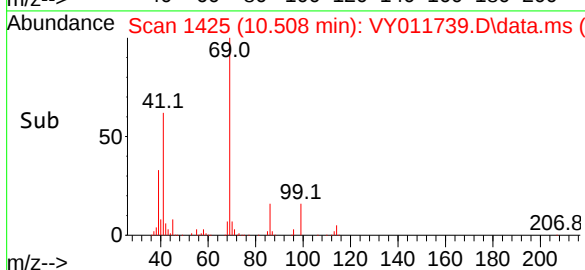
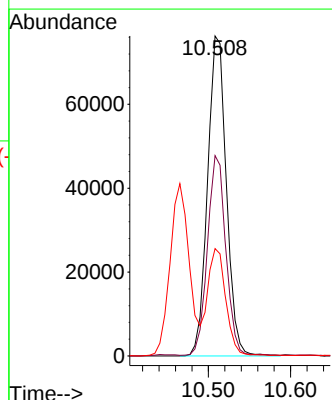
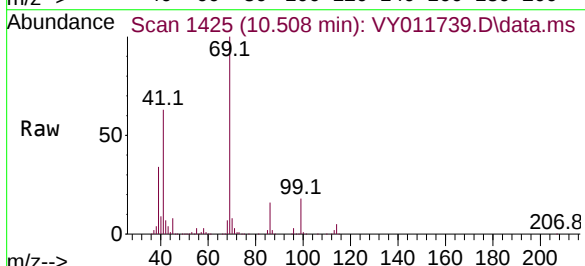
Tgt Ion: 69 Resp: 121139

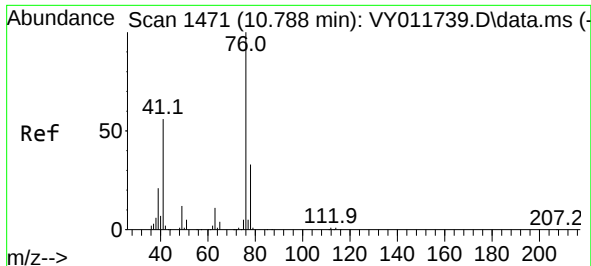
Ion Ratio Lower Upper

69 100

41 61.1 48.9 73.3

39 32.4 25.9 38.9





#57

1,3-Dichloropropane

Concen: 48.374 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY011739.D

Acq: 09 Dec 2022 12:00

Instrument :

MSVOA_Y

ClientSampleId :

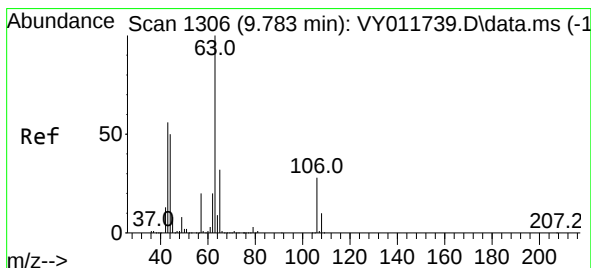
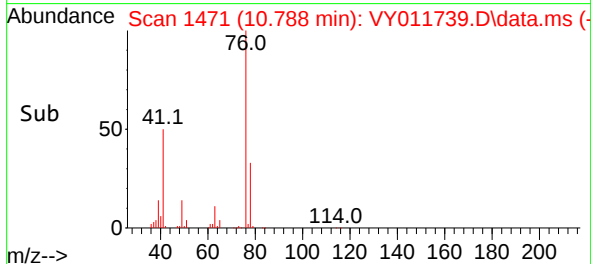
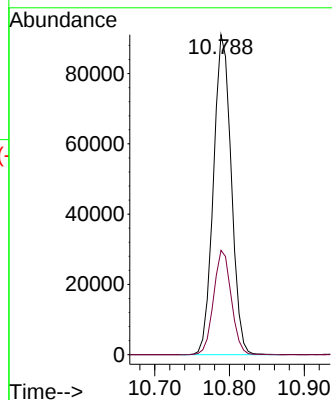
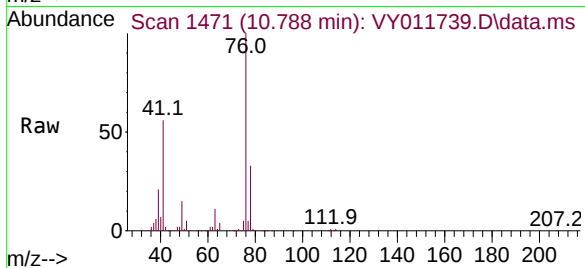
VSTDICCC050

Tgt Ion: 76 Resp: 150749

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 246.432 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY011739.D

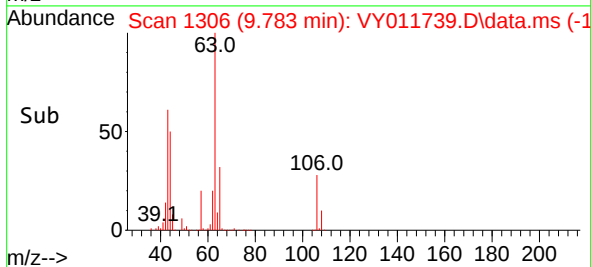
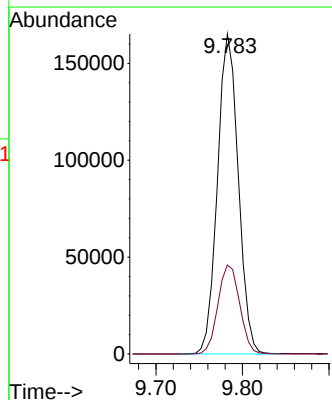
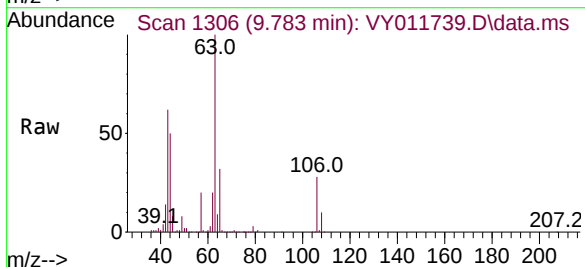
Acq: 09 Dec 2022 12:00

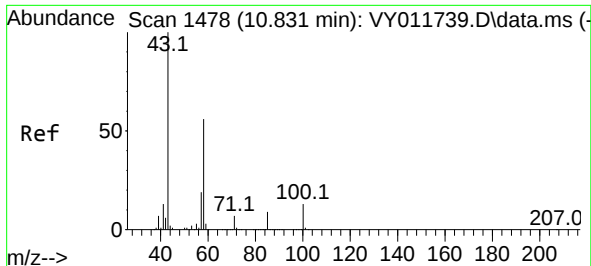
Tgt Ion: 63 Resp: 275778

Ion Ratio Lower Upper

63 100

106 29.0 23.2 34.8

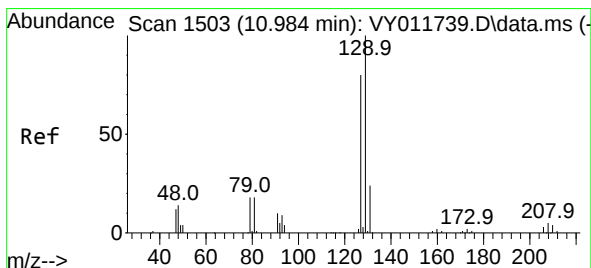
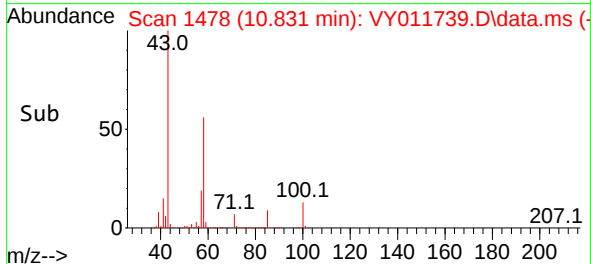
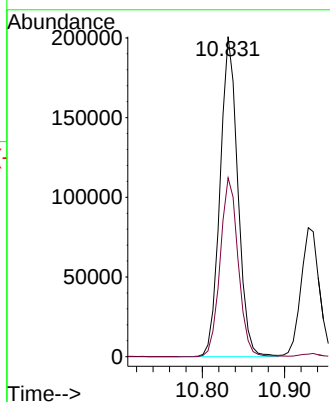
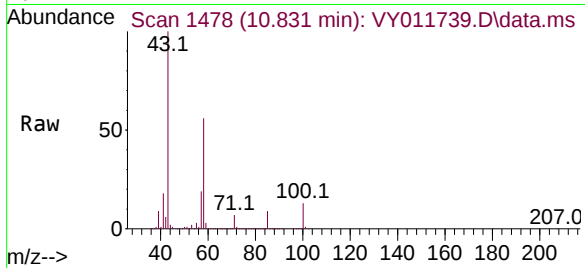




#59
2-Hexanone
Concen: 246.758 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

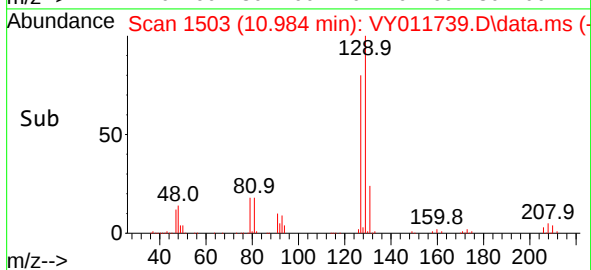
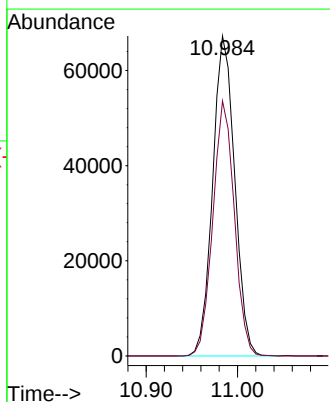
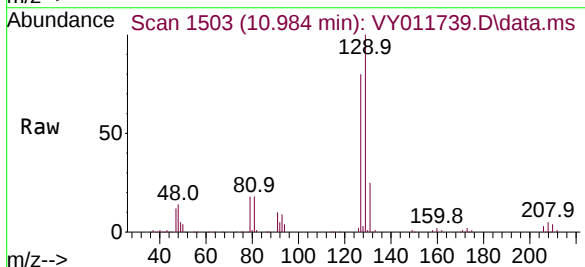
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

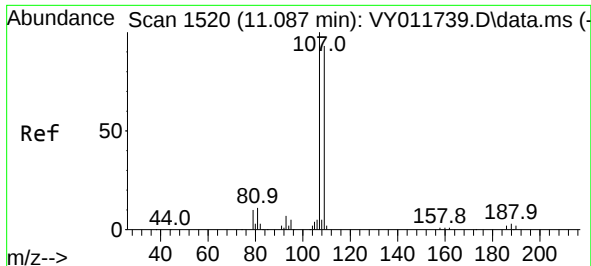
Tgt Ion: 43 Resp: 300971
Ion Ratio Lower Upper
43 100
58 56.8 28.4 85.2



#60
Dibromochloromethane
Concen: 48.127 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

Tgt Ion: 129 Resp: 112693
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6

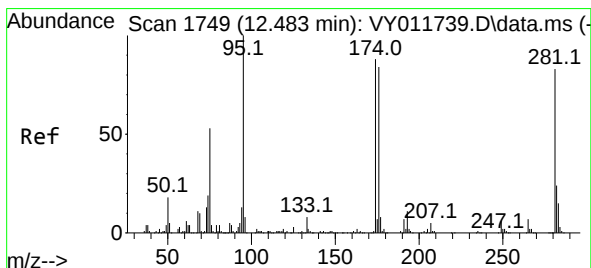
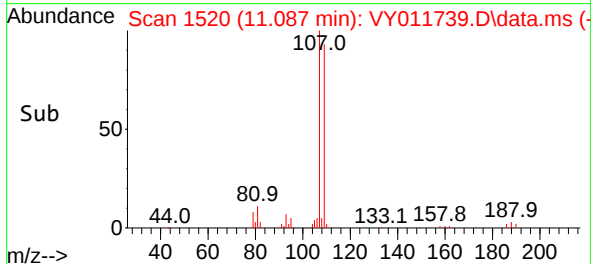
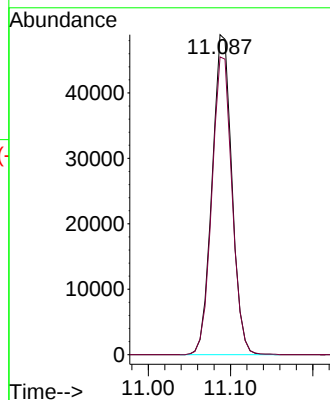
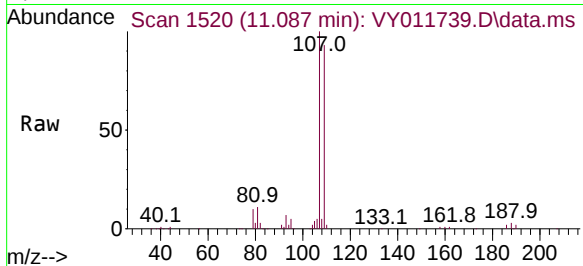




#61
1,2-Dibromoethane
Concen: 48.236 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

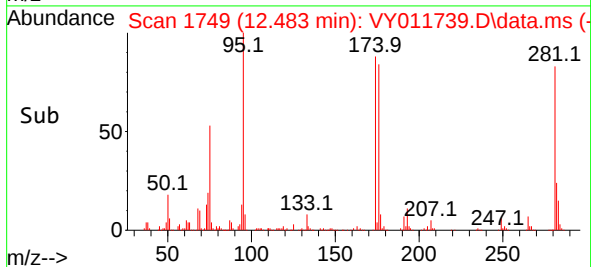
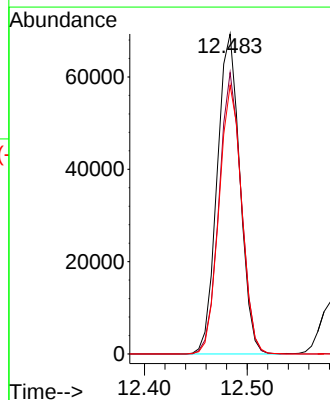
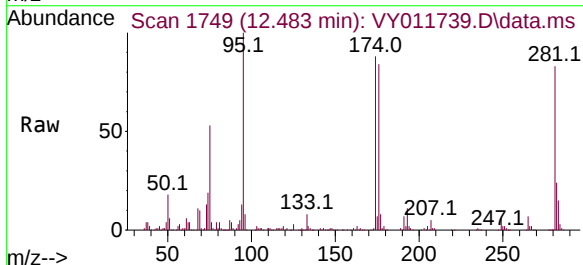
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

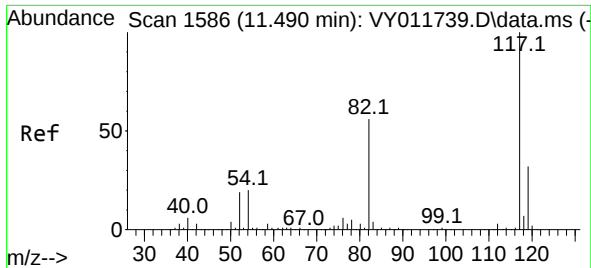
Tgt Ion:107 Resp: 81696
Ion Ratio Lower Upper
107 100
109 94.7 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 40.669 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

Tgt Ion: 95 Resp: 106391
Ion Ratio Lower Upper
95 100
174 86.0 0.0 172.0
176 83.8 0.0 167.6

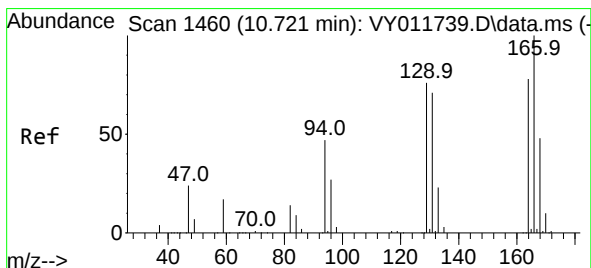
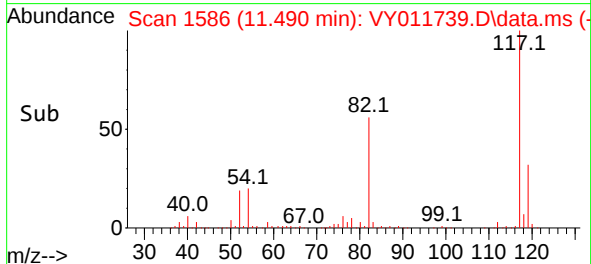
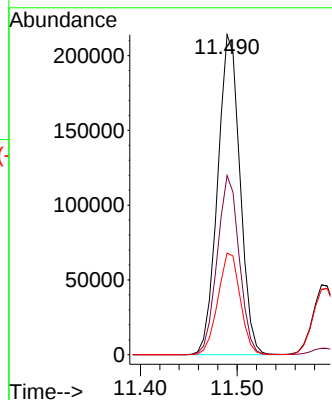
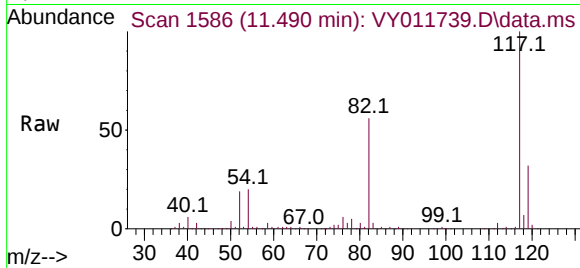




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

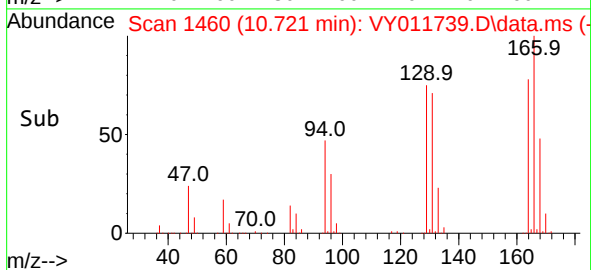
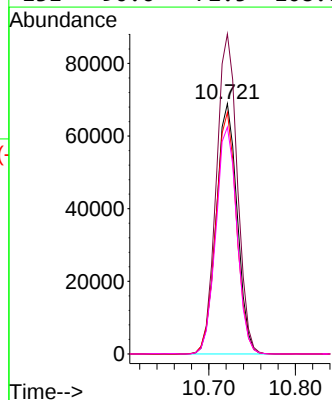
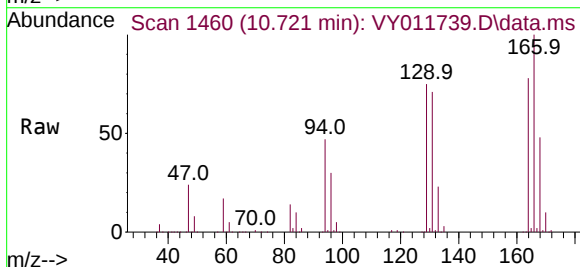
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

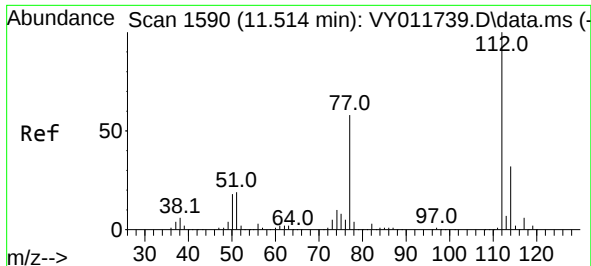
Tgt Ion:117 Resp: 342401
Ion Ratio Lower Upper
117 100
82 56.0 44.8 67.2
119 31.8 25.4 38.2



#64
Tetrachloroethene
Concen: 47.872 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

Tgt Ion:164 Resp: 115970
Ion Ratio Lower Upper
164 100
166 127.9 102.3 153.5
129 96.5 77.2 115.8
131 90.6 72.5 108.7

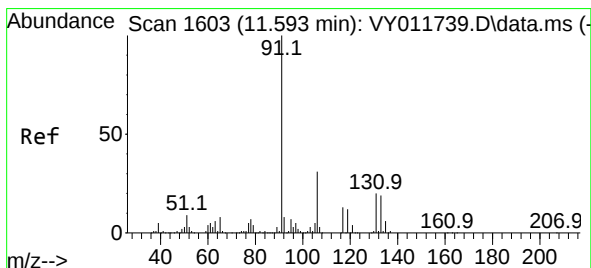
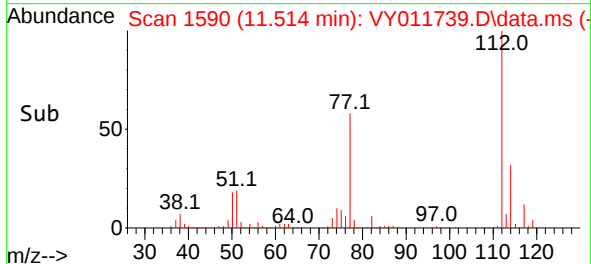
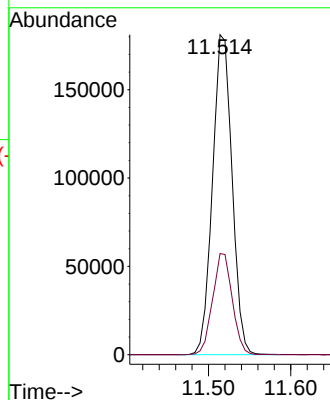
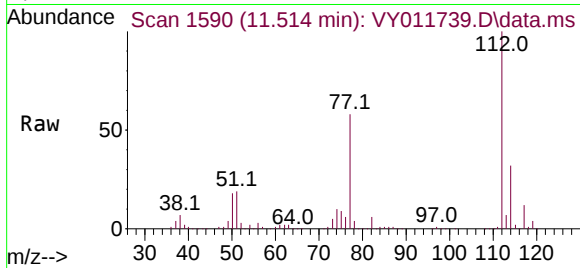




#65
Chlorobenzene
Concen: 48.476 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

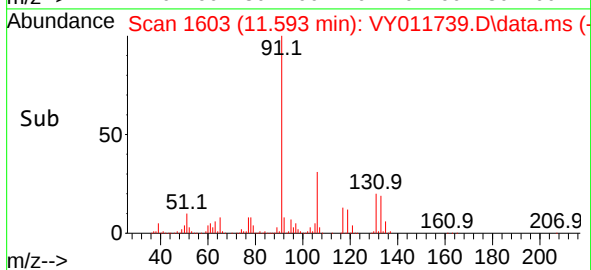
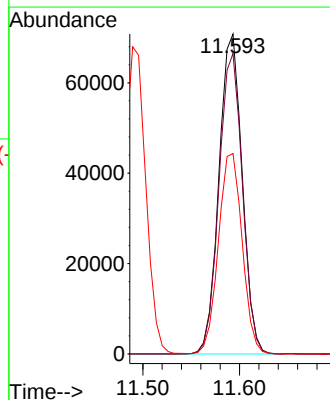
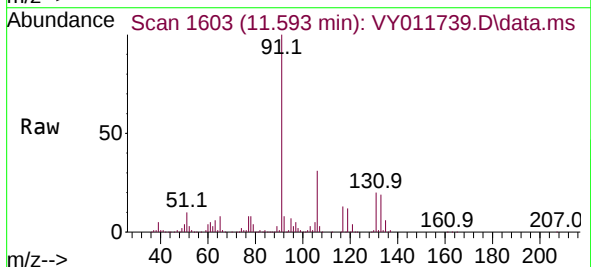
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

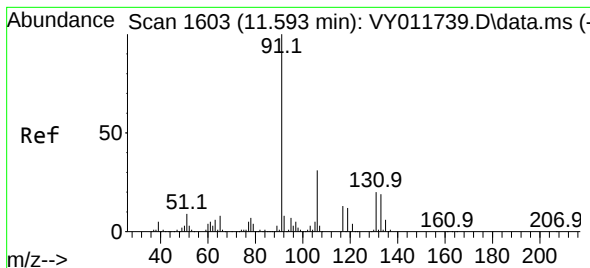
Tgt Ion:112 Resp: 299069
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.298 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

Tgt Ion:131 Resp: 117990
Ion Ratio Lower Upper
131 100
133 94.7 47.3 142.0
119 64.2 32.1 96.3

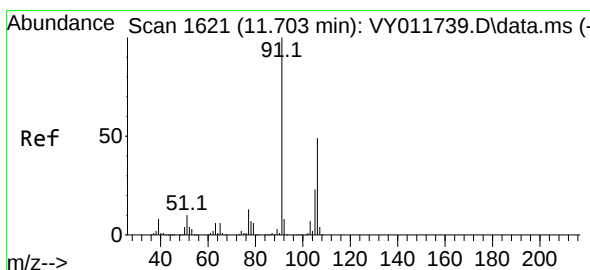
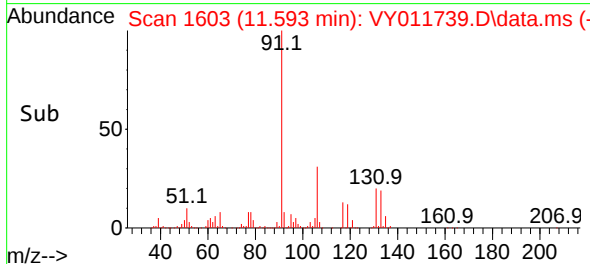
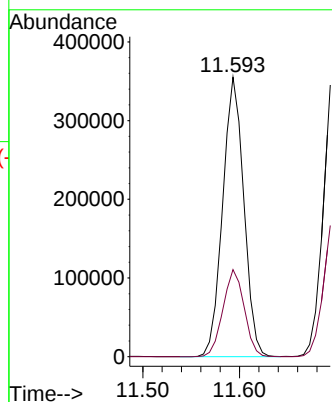
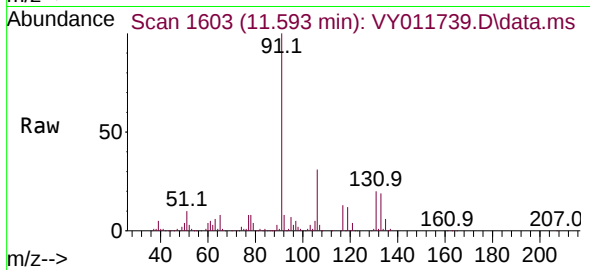




#67
Ethyl Benzene
Concen: 49.545 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

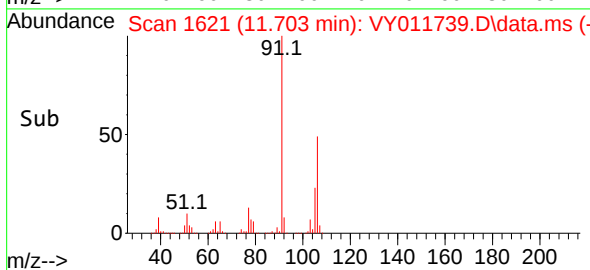
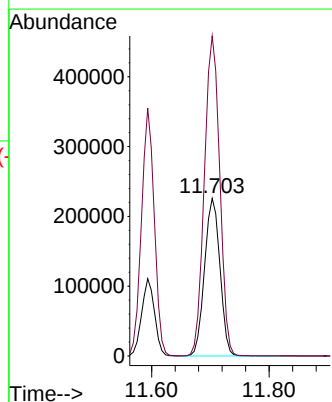
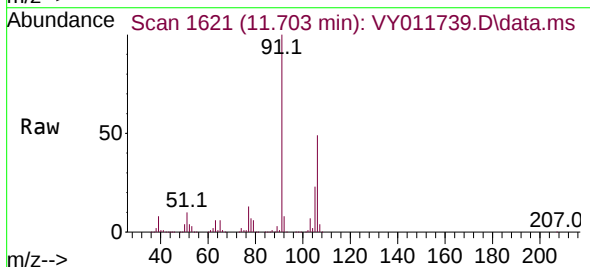
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

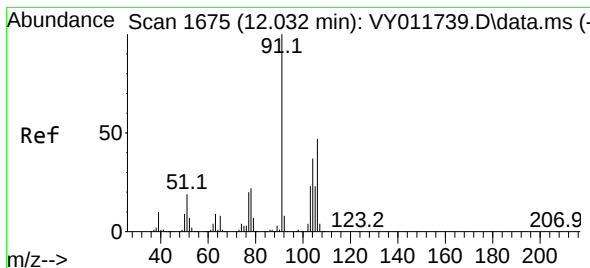
Tgt Ion: 91 Resp: 538589
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.4



#68
m/p-Xylenes
Concen: 98.654 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

Tgt Ion:106 Resp: 410707
Ion Ratio Lower Upper
106 100
91 203.1 162.5 243.7

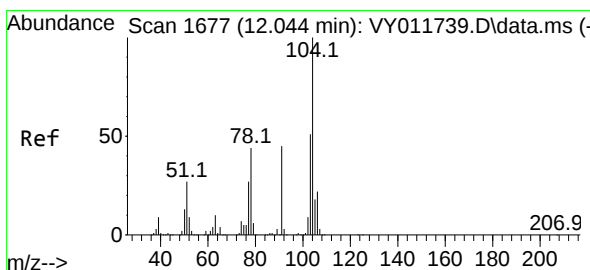
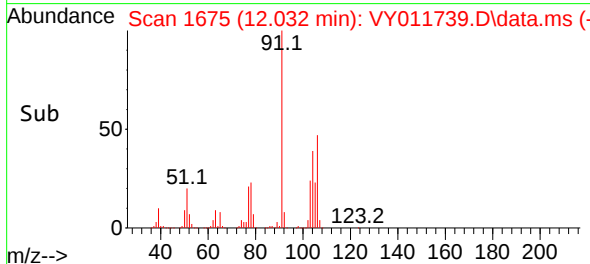
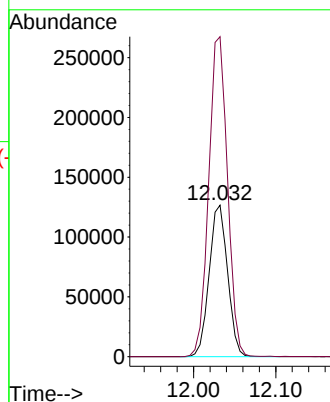
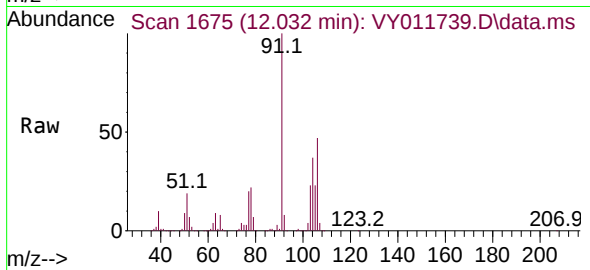




#69
o-Xylene
Concen: 49.668 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

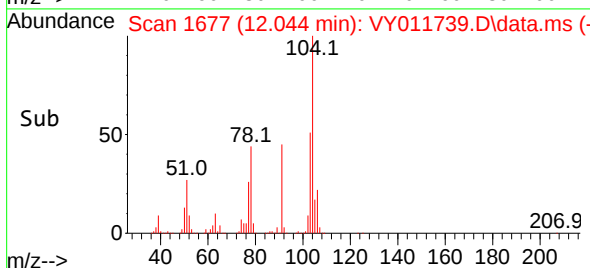
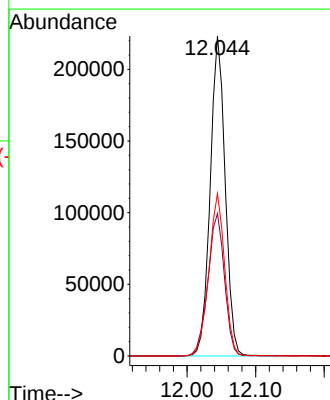
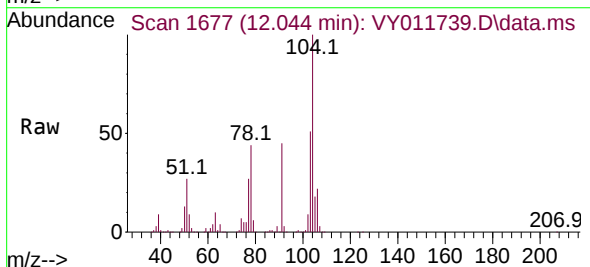
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

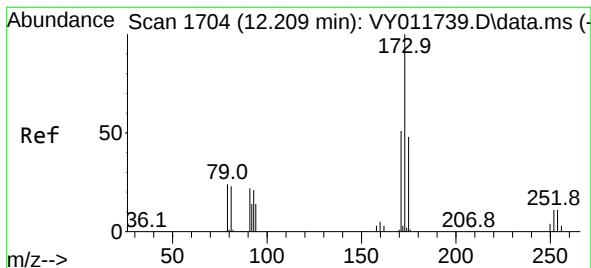
Tgt Ion:106 Resp: 197092
Ion Ratio Lower Upper
106 100
91 214.9 107.5 322.4



#70
Styrene
Concen: 50.164 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

Tgt Ion:104 Resp: 339746
Ion Ratio Lower Upper
104 100
78 49.2 39.4 59.0
103 53.7 43.0 64.4





#71

Bromoform

Concen: 48.731 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY011739.D

Acq: 09 Dec 2022 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

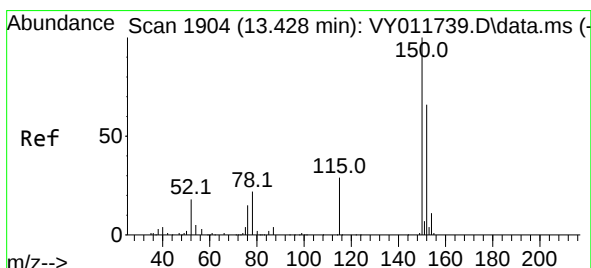
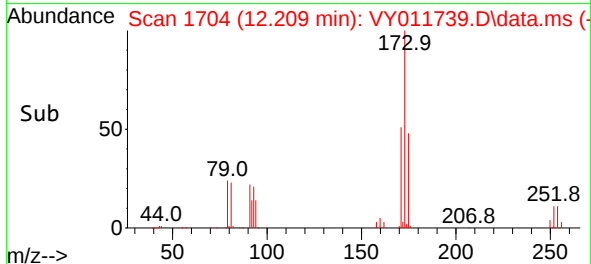
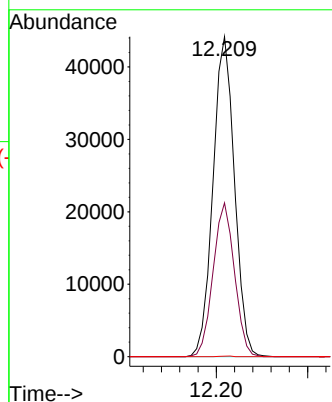
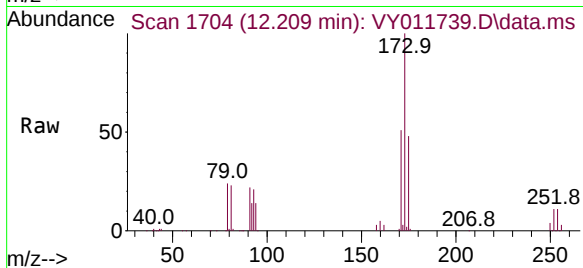
Tgt Ion:173 Resp: 71941

Ion Ratio Lower Upper

173 100

175 47.7 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: VY011739.D

Acq: 09 Dec 2022 12:00

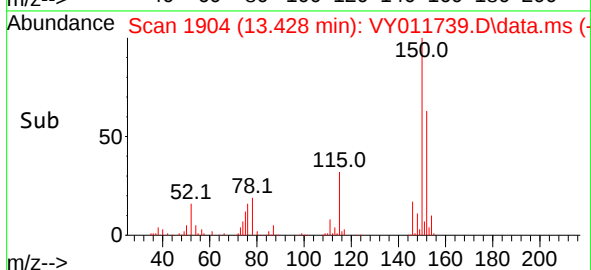
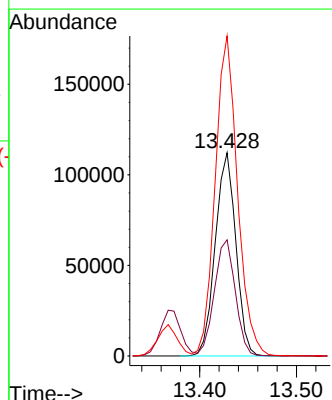
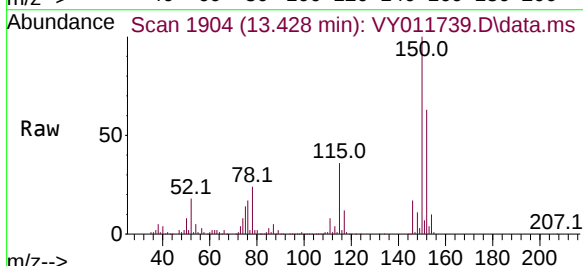
Tgt Ion:152 Resp: 165704

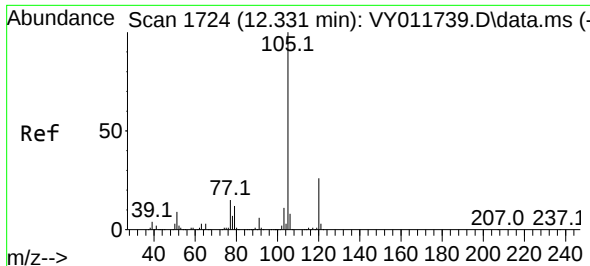
Ion Ratio Lower Upper

152 100

115 58.2 29.1 87.3

150 171.3 0.0 342.6

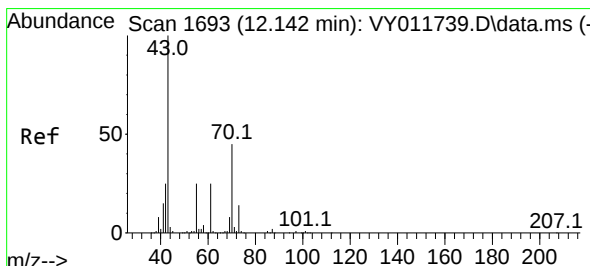
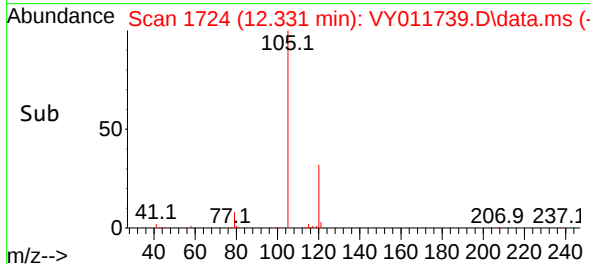
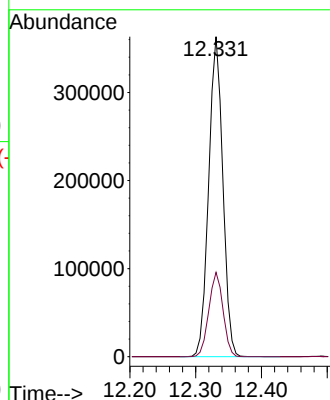
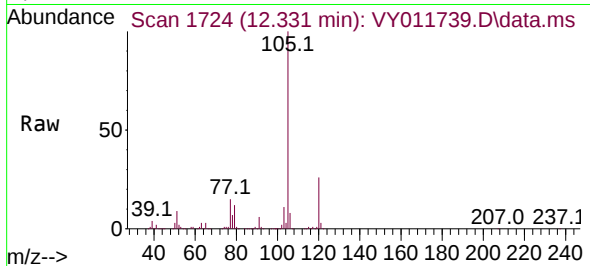




#73
Isopropylbenzene
Concen: 50.555 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

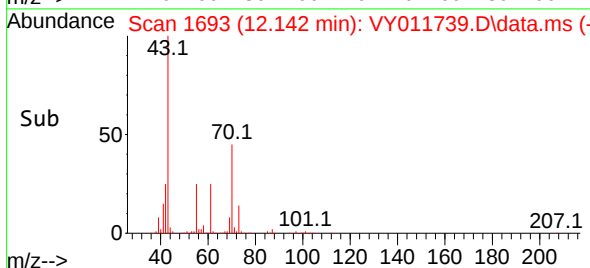
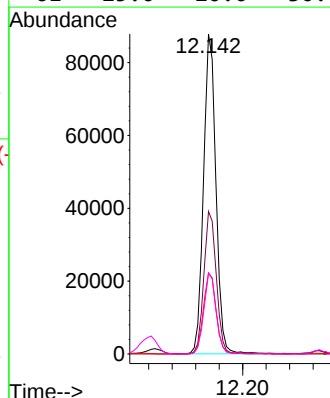
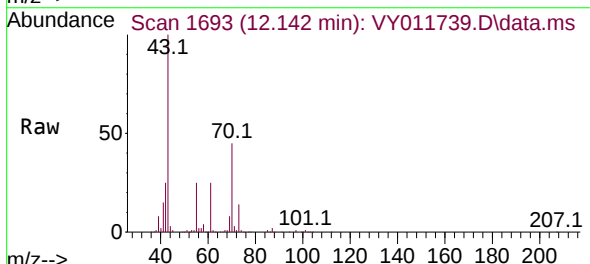
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

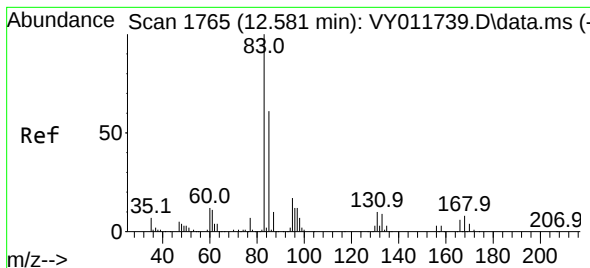
Tgt Ion:105 Resp: 542759
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6



#74
N-ethyl acetate
Concen: 49.647 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

Tgt Ion: 43 Resp: 128153
Ion Ratio Lower Upper
43 100
70 44.8 35.8 53.8
55 26.2 21.0 31.4
61 25.0 20.0 30.0

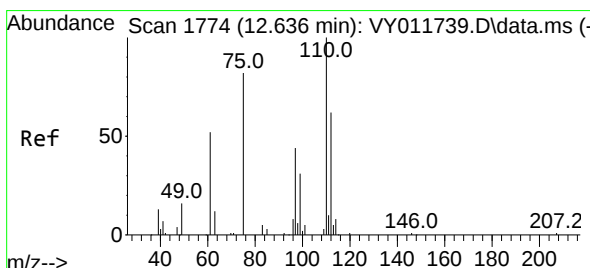
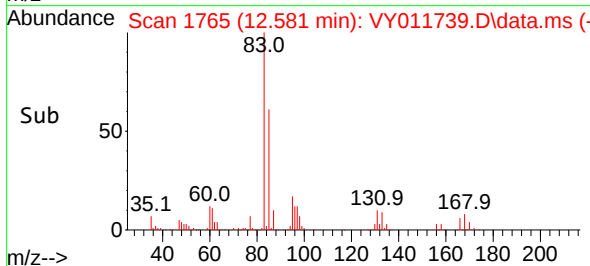
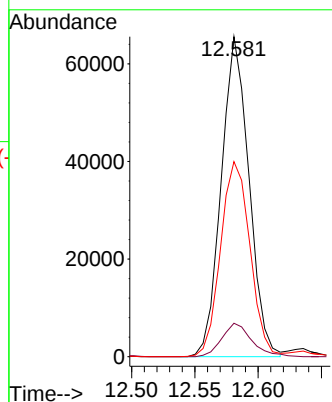
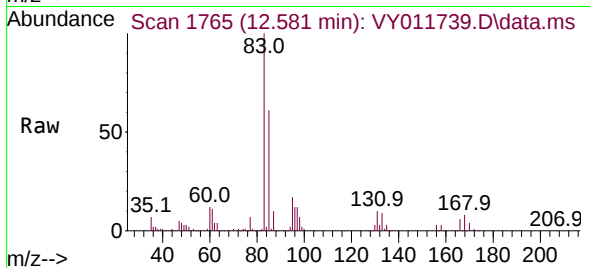




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.830 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY011739.D
 Acq: 09 Dec 2022 12:00

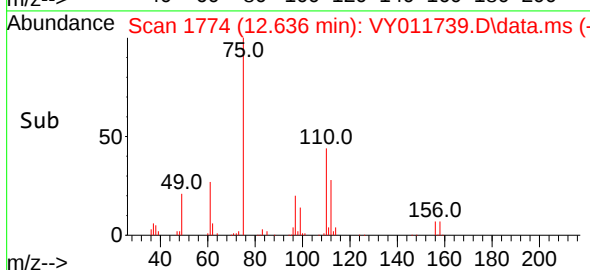
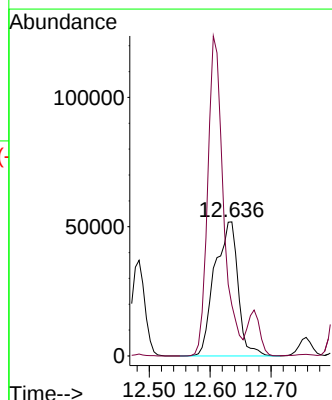
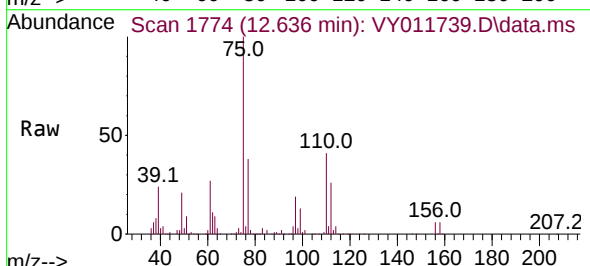
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

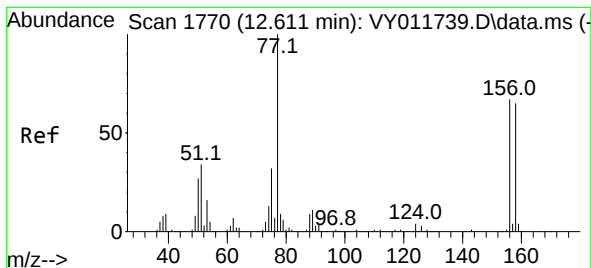
Tgt Ion: 83 Resp: 100005
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.6 16.8
 85 64.5 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 69.867 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.000 min
 Lab File: VY011739.D
 Acq: 09 Dec 2022 12:00

Tgt Ion: 75 Resp: 138004
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.343 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY011739.D

Acq: 09 Dec 2022 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

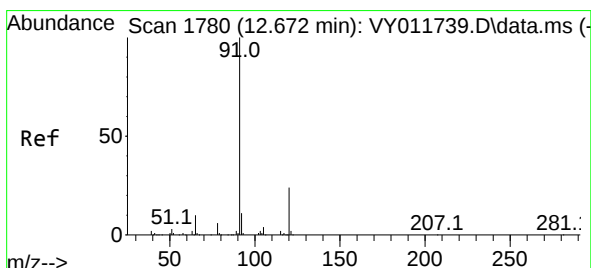
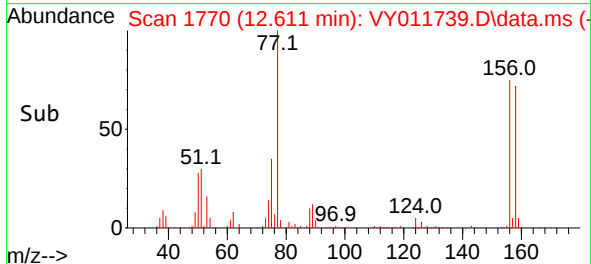
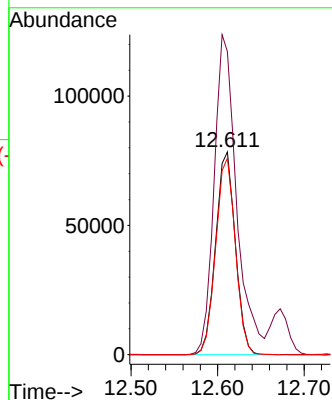
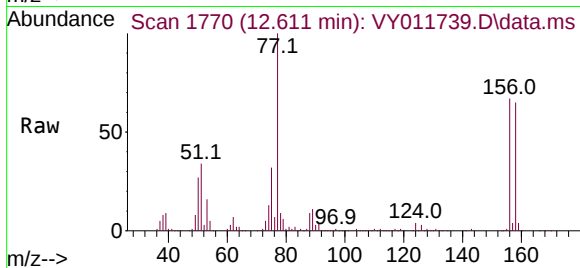
Tgt Ion:156 Resp: 123687

Ion Ratio Lower Upper

156 100

77 180.0 90.0 270.0

158 96.8 48.4 145.2



#78

n-propylbenzene

Concen: 50.016 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY011739.D

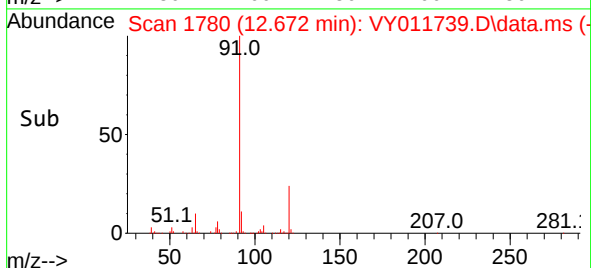
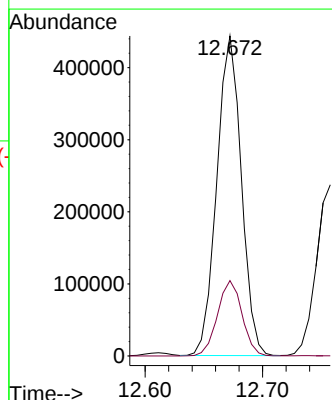
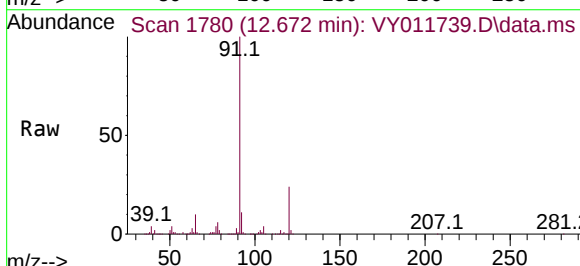
Acq: 09 Dec 2022 12:00

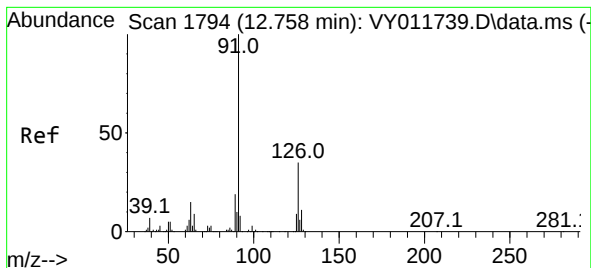
Tgt Ion: 91 Resp: 643496

Ion Ratio Lower Upper

91 100

120 23.6 11.8 35.4

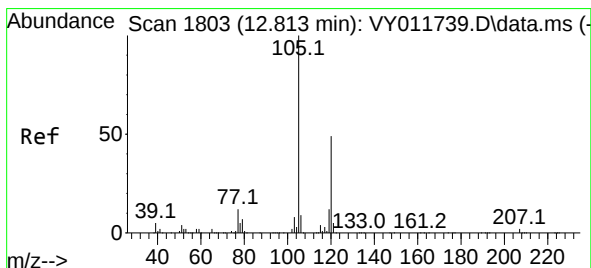
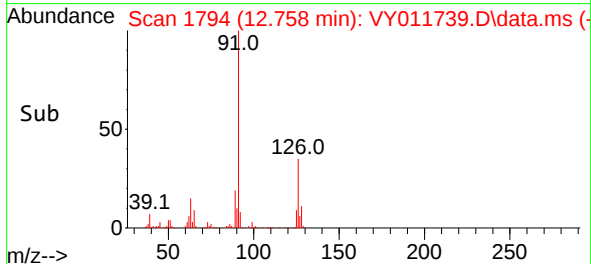
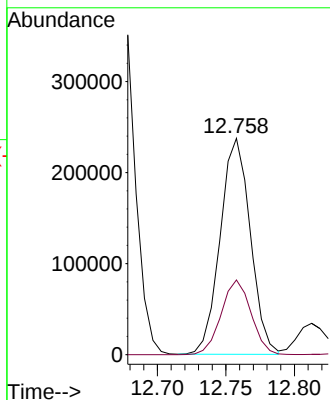
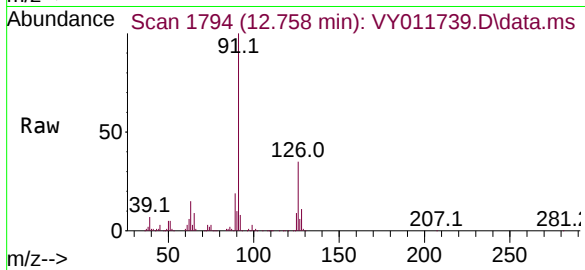




#79
2-Chlorotoluene
Concen: 49.482 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

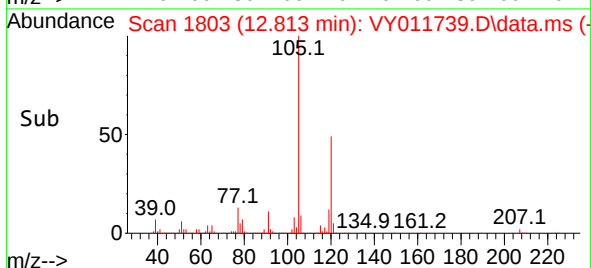
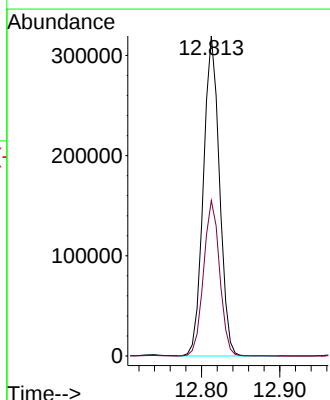
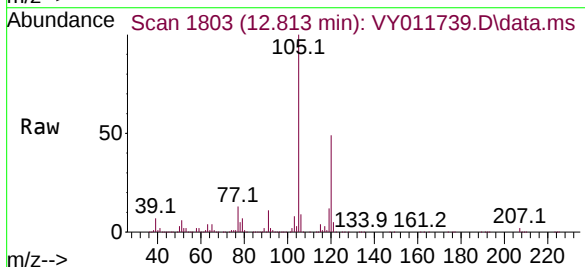
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

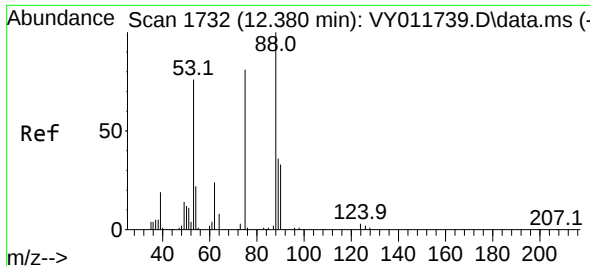
Tgt Ion: 91 Resp: 363333
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 50.051 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

Tgt Ion: 105 Resp: 454188
Ion Ratio Lower Upper
105 100
120 48.4 24.2 72.6

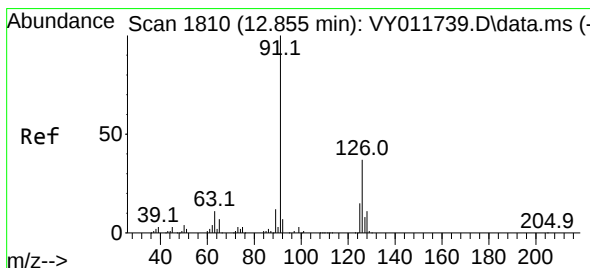
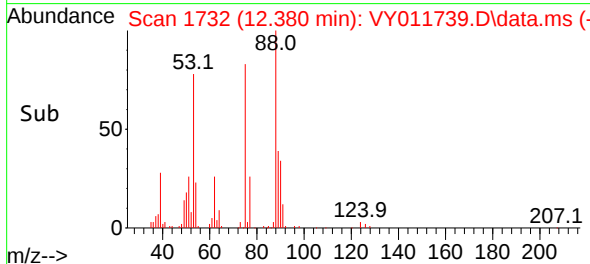
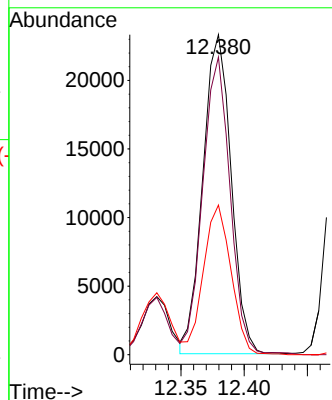
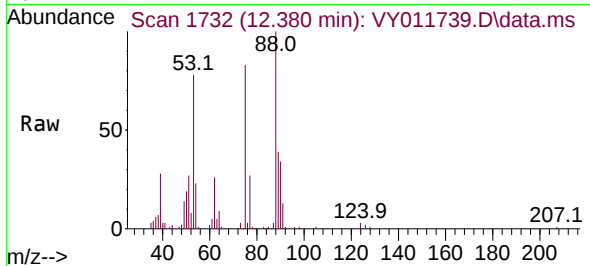




#81
trans-1,4-Dichloro-2-butene
Concen: 49.025 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

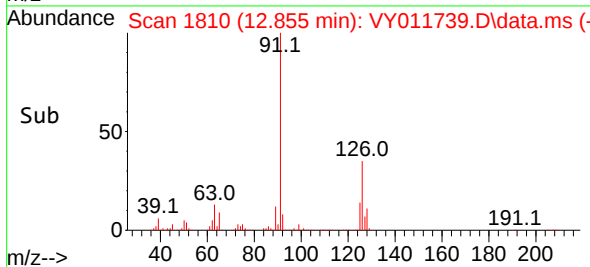
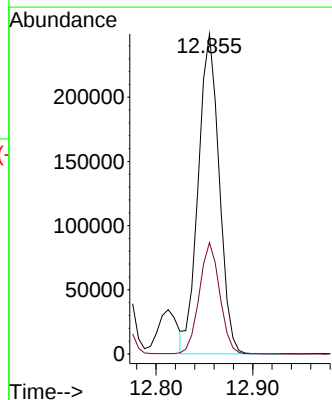
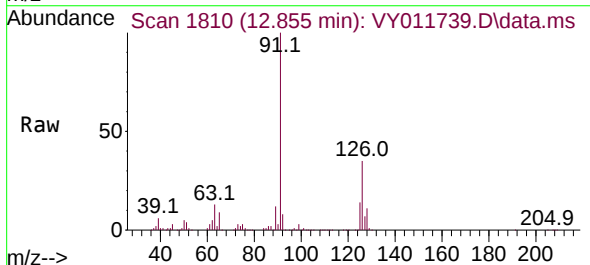
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

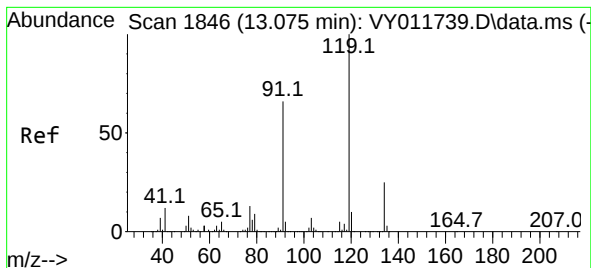
Tgt Ion: 75 Resp: 36220
Ion Ratio Lower Upper
75 100
53 90.6 72.5 108.7
89 46.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 49.059 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

Tgt Ion: 91 Resp: 373628
Ion Ratio Lower Upper
91 100
126 34.1 17.1 51.2

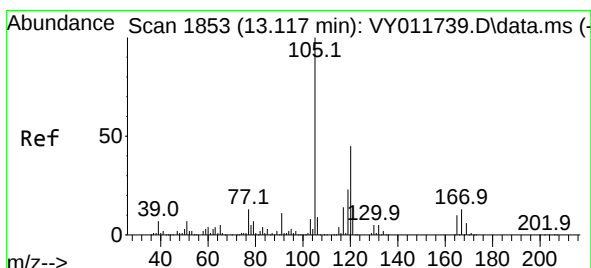
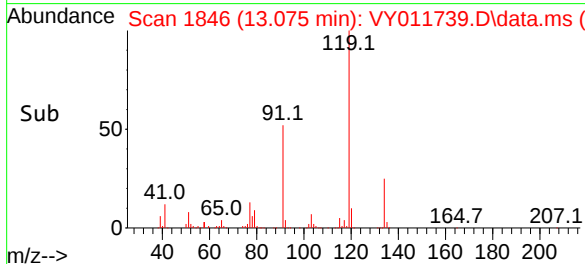
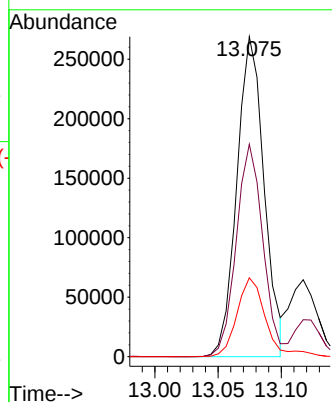
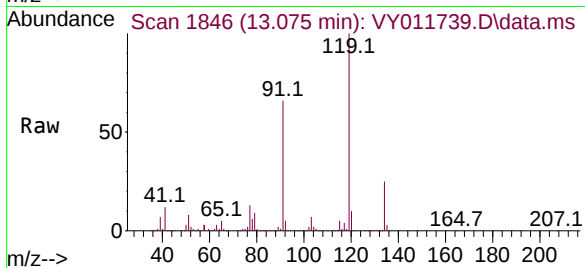




#83
tert-Butylbenzene
Concen: 51.108 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

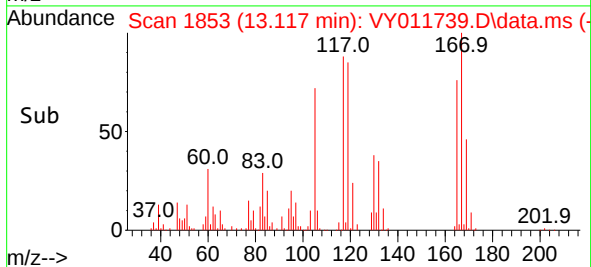
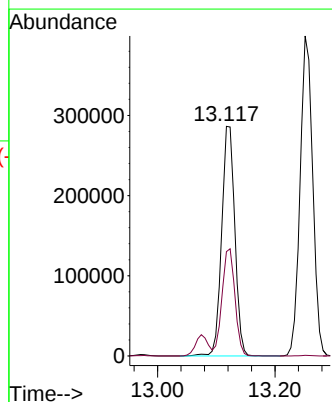
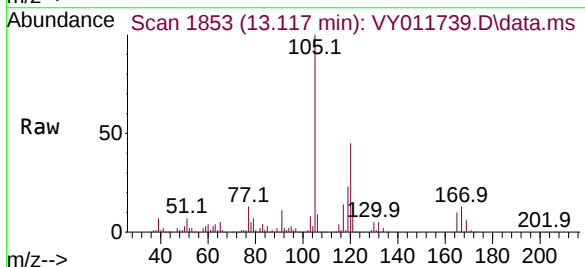
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

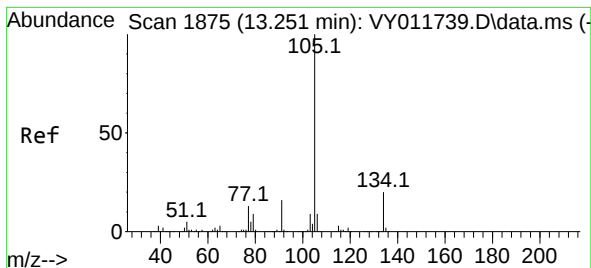
Tgt Ion:119 Resp: 403837
Ion Ratio Lower Upper
119 100
91 64.5 32.3 96.8
134 26.0 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 49.826 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

Tgt Ion:105 Resp: 445186
Ion Ratio Lower Upper
105 100
120 45.8 22.9 68.7





#85

sec-Butylbenzene

Concen: 50.473 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY011739.D

Acq: 09 Dec 2022 12:00

Instrument :

MSVOA_Y

ClientSampleId :

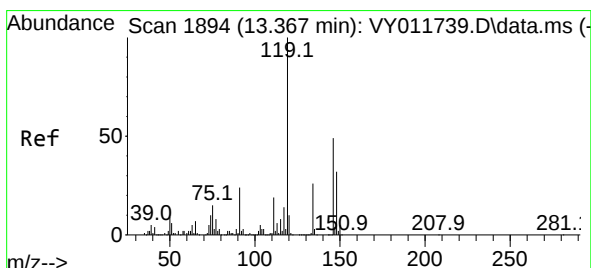
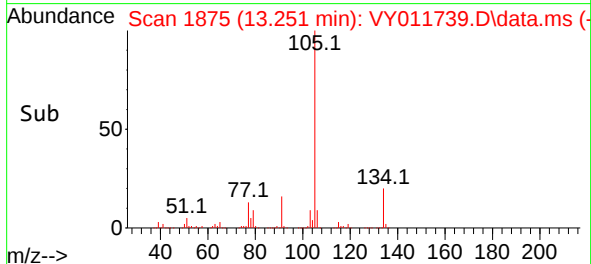
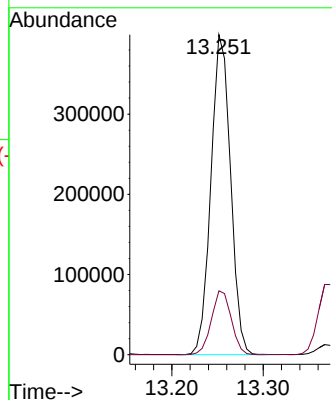
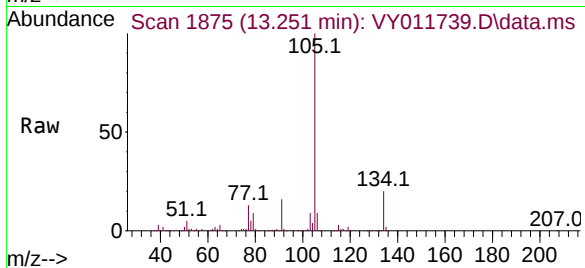
VSTDICCC050

Tgt Ion:105 Resp: 593944

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.3



#86

p-Isopropyltoluene

Concen: 50.468 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY011739.D

Acq: 09 Dec 2022 12:00

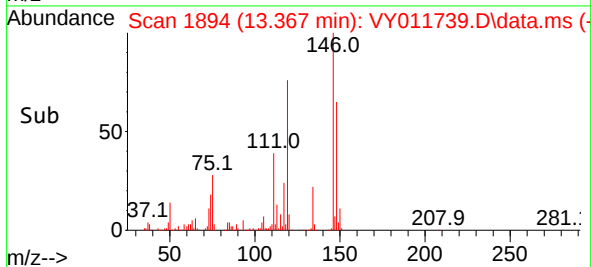
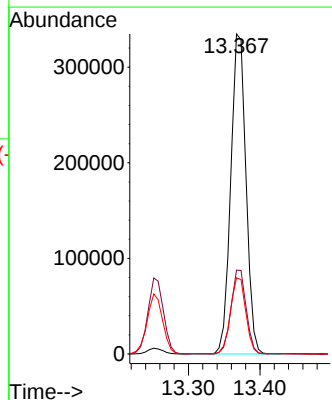
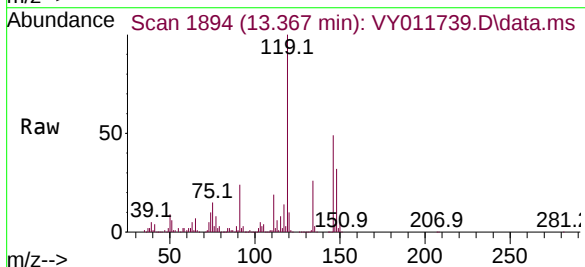
Tgt Ion:119 Resp: 494288

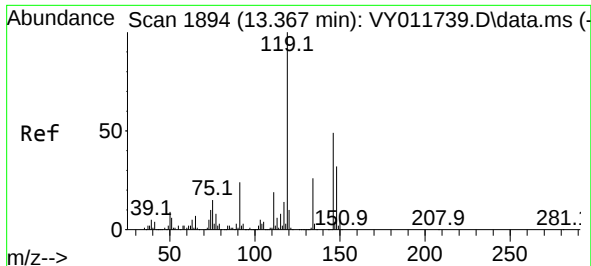
Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

91 23.9 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 48.720 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY011739.D

Acq: 09 Dec 2022 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

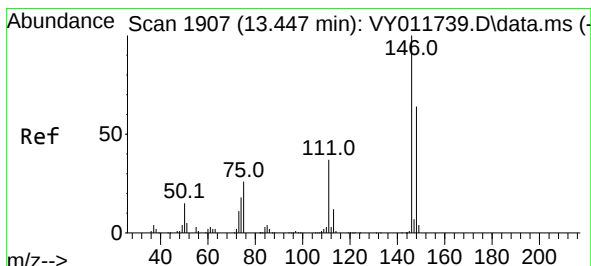
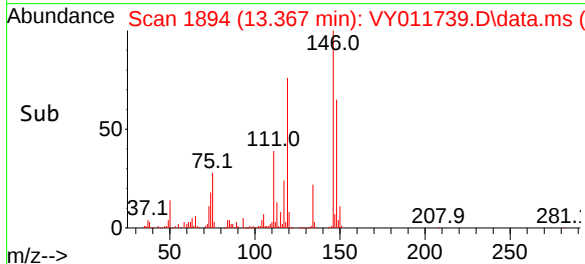
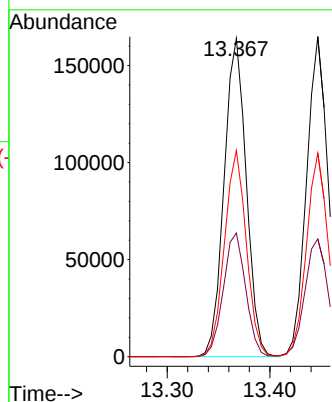
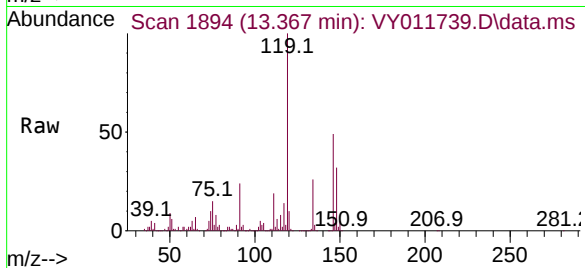
Tgt Ion:146 Resp: 245765

Ion Ratio Lower Upper

146 100

111 39.3 19.7 59.0

148 64.0 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 48.042 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY011739.D

Acq: 09 Dec 2022 12:00

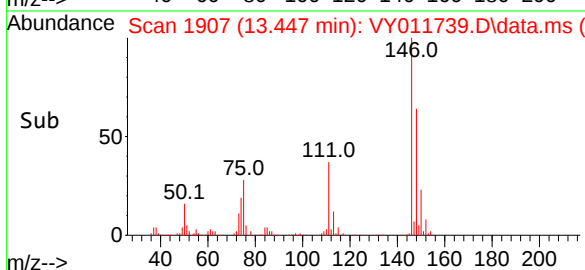
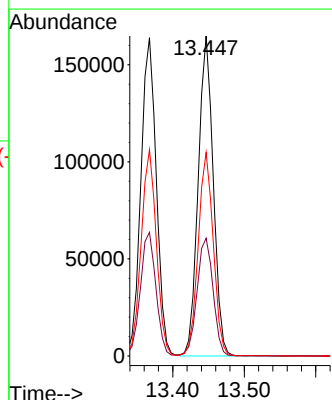
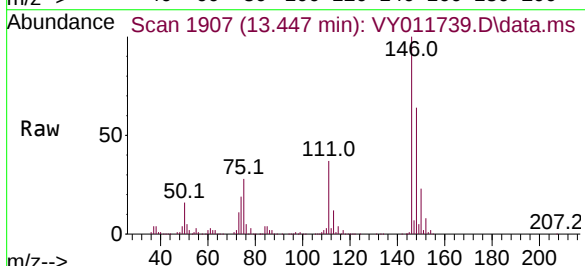
Tgt Ion:146 Resp: 240861

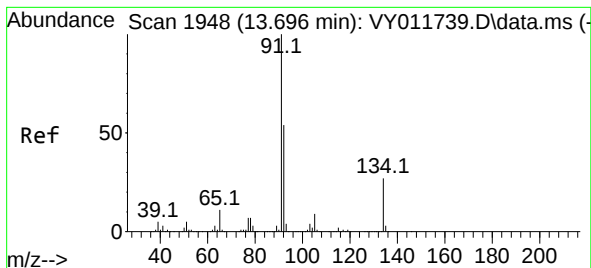
Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.7

148 63.8 31.9 95.7





#89

n-Butylbenzene

Concen: 50.369 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY011739.D

Acq: 09 Dec 2022 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

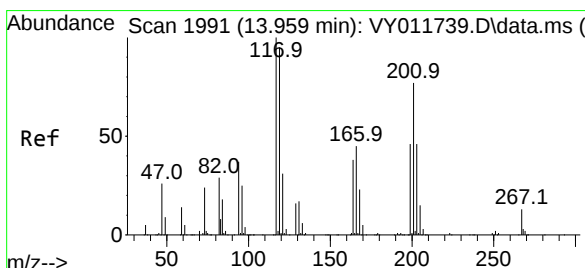
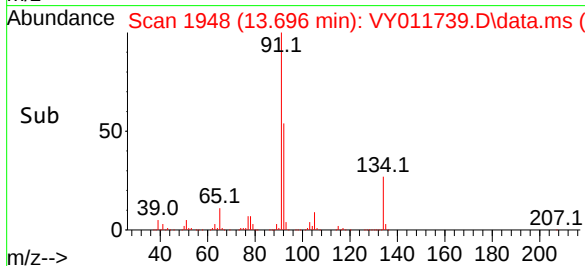
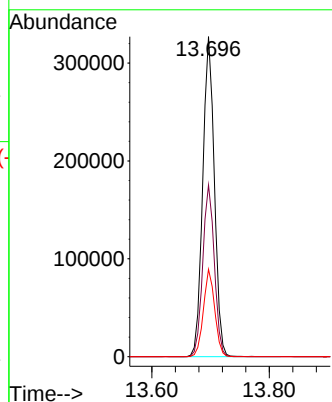
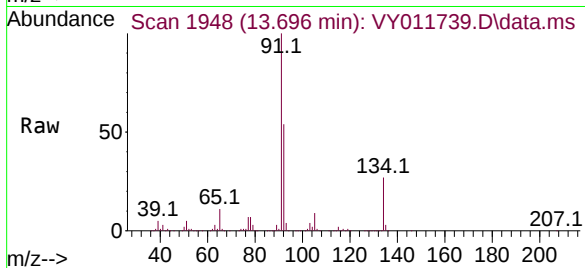
Tgt Ion: 91 Resp: 448457

Ion Ratio Lower Upper

91 100

92 53.6 26.8 80.4

134 26.5 13.3 39.8



#90

Hexachloroethane

Concen: 47.984 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY011739.D

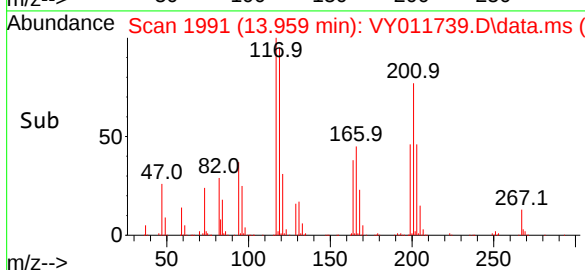
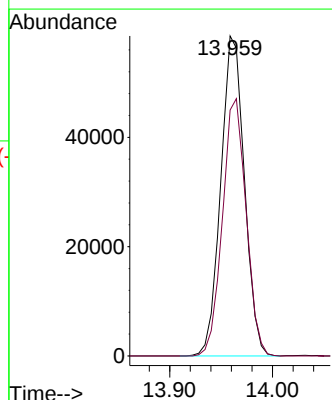
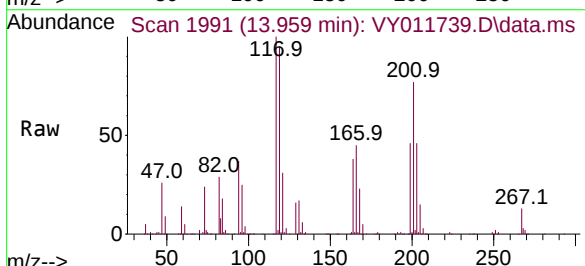
Acq: 09 Dec 2022 12:00

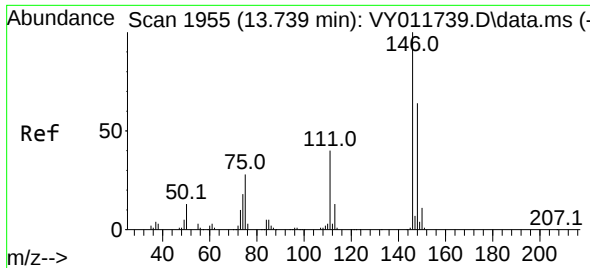
Tgt Ion: 117 Resp: 93385

Ion Ratio Lower Upper

117 100

201 80.5 40.3 120.8

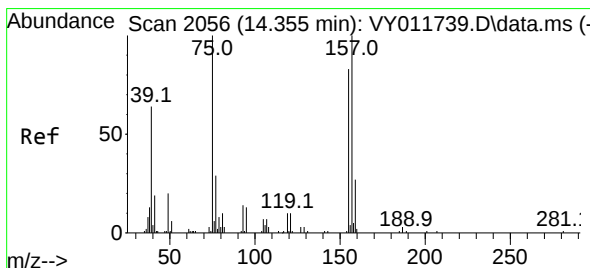
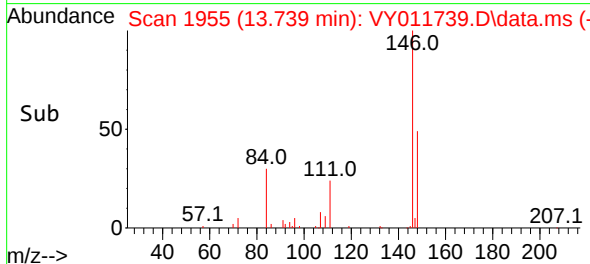
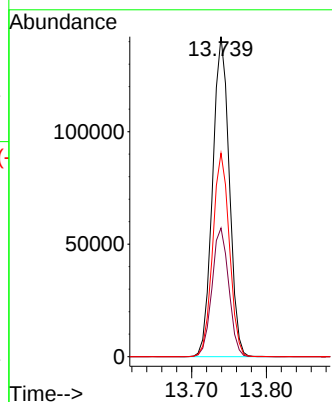
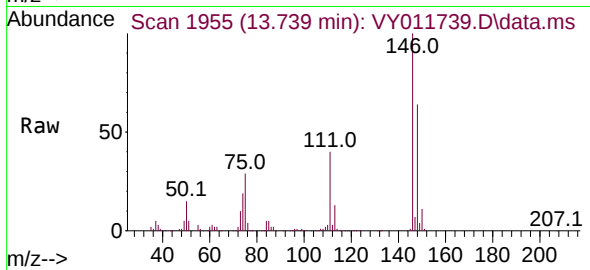




#91
1,2-Dichlorobenzene
Concen: 48.396 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

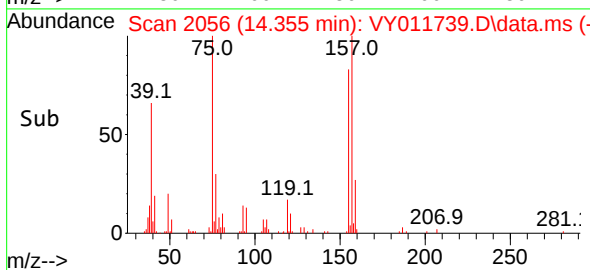
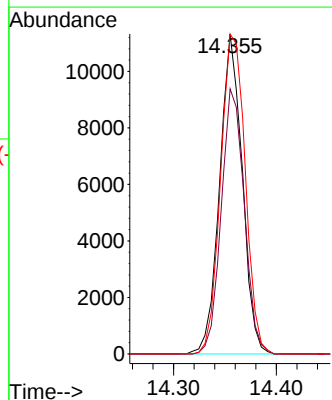
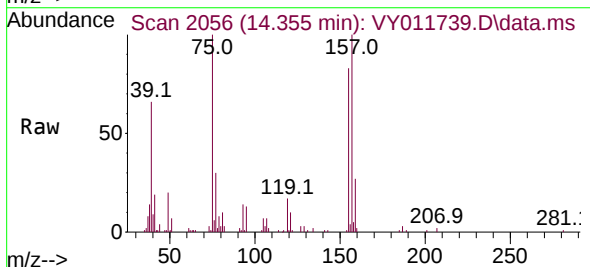
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

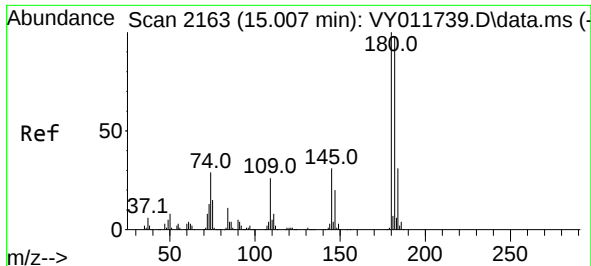
Tgt Ion:146 Resp: 219689
Ion Ratio Lower Upper
146 100
111 40.5 20.3 60.8
148 63.6 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.217 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

Tgt Ion: 75 Resp: 17212
Ion Ratio Lower Upper
75 100
155 84.5 42.3 126.8
157 108.9 54.4 163.3

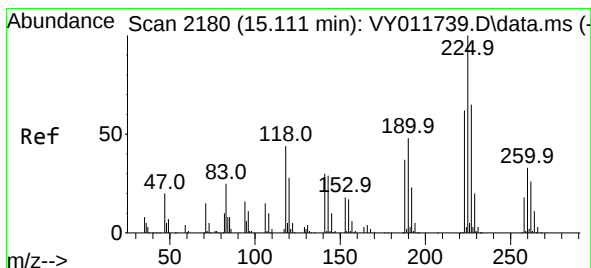
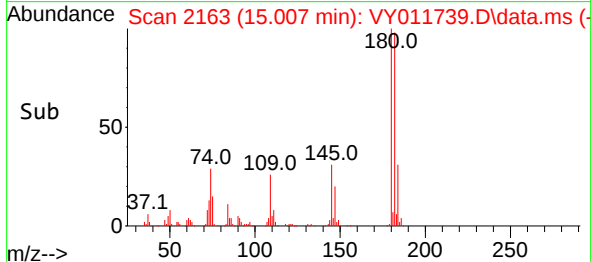
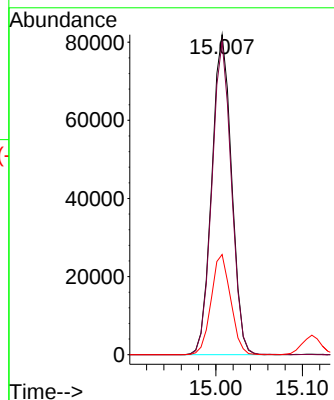
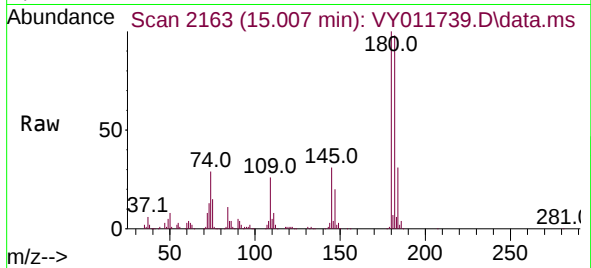




#93
1,2,4-Trichlorobenzene
Concen: 49.053 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

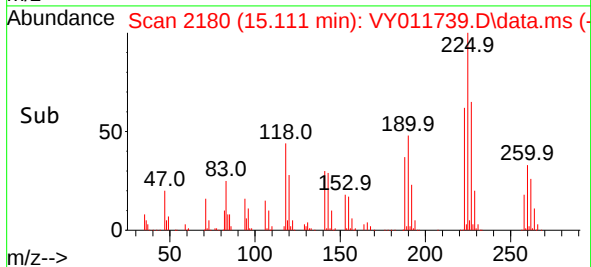
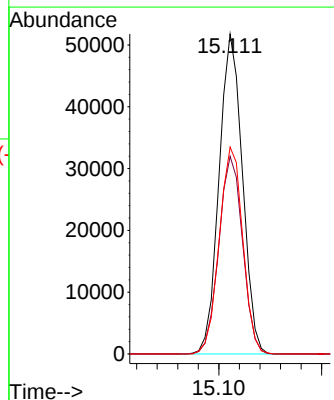
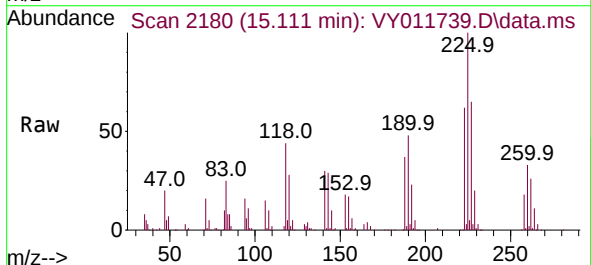
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

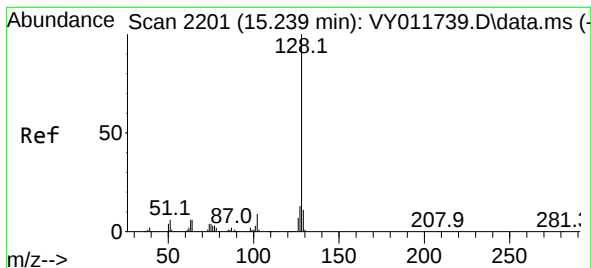
Tgt Ion:180 Resp: 129872
Ion Ratio Lower Upper
180 100
182 96.2 48.1 144.3
145 30.9 15.4 46.4



#94
Hexachlorobutadiene
Concen: 48.406 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY011739.D
Acq: 09 Dec 2022 12:00

Tgt Ion:225 Resp: 81430
Ion Ratio Lower Upper
225 100
223 62.8 31.4 94.2
227 65.2 32.6 97.8





#95

Naphthalene

Concen: 50.339 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY011739.D

Acq: 09 Dec 2022 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

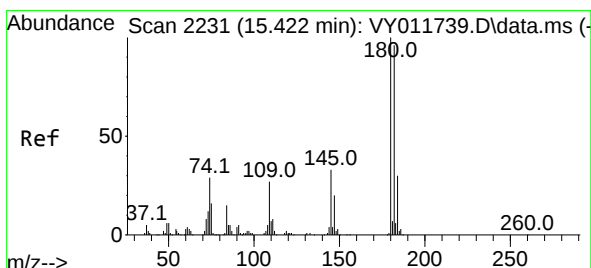
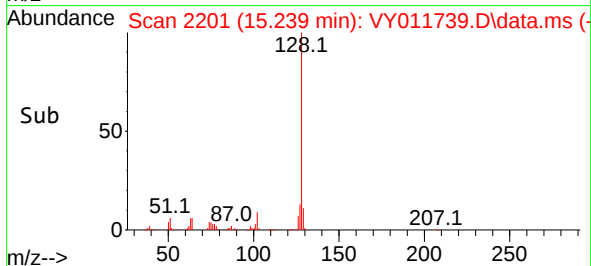
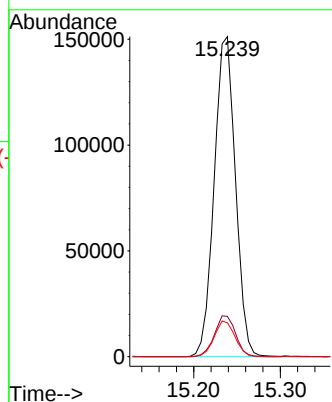
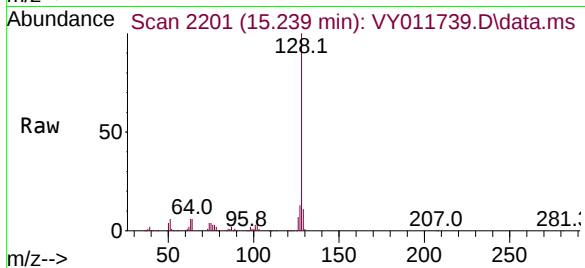
Tgt Ion:128 Resp: 258136

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 49.410 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY011739.D

Acq: 09 Dec 2022 12:00

Tgt Ion:180 Resp: 112997

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.7

145 32.1 16.1 48.2

