

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062323\Not Reviewed Data\
 Data File : VY014399.D
 Acq On : 23 Jun 2023 11:05
 Operator : KP/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Jun 23 18:01:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	261778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	386723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	360216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	194802	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	62486	19.225	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	38.460%#
35) Dibromofluoromethane	7.722	113	47537	19.896	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	39.800%#
50) Toluene-d8	10.179	98	184892	19.467	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	38.940%#
62) 4-Bromofluorobenzene	12.483	95	64547	19.037	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	38.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	54464	22.414	ug/l	98
3) Chloromethane	2.113	50	50035	21.041	ug/l	98
4) Vinyl Chloride	2.247	62	53658	20.703	ug/l	100
5) Bromomethane	2.631	94	47275	20.760	ug/l	100
6) Chloroethane	2.784	64	35051	20.417	ug/l	100
7) Trichlorofluoromethane	3.119	101	106540	20.821	ug/l	99
8) Diethyl Ether	3.528	74	32157	20.612	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.900	101	49677	20.541	ug/l	97
10) Methyl Iodide	4.088	142	53680	18.704	ug/l	94
11) Tert butyl alcohol	4.954	59	62332	139.280	ug/l #	88
12) 1,1-Dichloroethene	3.869	96	48937	20.292	ug/l	95
13) Acrolein	3.723	56	47172	111.045	ug/l	96
14) Allyl chloride	4.473	41	76803	19.940	ug/l	94
15) Acrylonitrile	5.155	53	90022	103.191	ug/l	100
16) Acetone	3.948	43	97252	95.091	ug/l	100
17) Carbon Disulfide	4.192	76	157076	21.047	ug/l	97
18) Methyl Acetate	4.473	43	71571	20.356	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	145920	19.672	ug/l	99
20) Methylene Chloride	4.710	84	71507	20.985	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	53682	20.244	ug/l	96
22) Diisopropyl ether	6.119	45	149302	19.506	ug/l	94
23) Vinyl Acetate	6.064	43	466246	119.306	ug/l	95
24) 1,1-Dichloroethane	6.015	63	90685	19.952	ug/l	97
25) 2-Butanone	6.990	43	125591	98.593	ug/l	97
26) 2,2-Dichloropropane	6.978	77	94744	19.714	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	59426	19.908	ug/l	96
28) Bromochloromethane	7.332	49	41243	20.806	ug/l	86
29) Tetrahydrofuran	7.344	42	77735	102.342	ug/l	90
30) Chloroform	7.509	83	100542	19.609	ug/l	94
31) Cyclohexane	7.783	56	78983	19.674	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	97599	19.998	ug/l	97
36) 1,1-Dichloropropene	7.917	75	75360	20.468	ug/l	100
37) Ethyl Acetate	7.076	43	51324	20.227	ug/l	99
38) Carbon Tetrachloride	7.899	117	92462	19.956	ug/l	98
39) Methylcyclohexane	9.185	83	87375	20.627	ug/l	94
40) Benzene	8.161	78	207539	19.902	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	75053	59.684	ug/l #	41
42) 1,2-Dichloroethane	8.234	62	78513	19.858	ug/l	99
43) Isopropyl Acetate	8.271	43	89332	19.938	ug/l	97
44) Trichloroethene	8.941	130	59683	19.934	ug/l	97
45) 1,2-Dichloropropane	9.216	63	49003	19.930	ug/l	94
46) Dibromomethane	9.307	93	34185	20.345	ug/l	98
47) Bromodichloromethane	9.496	83	77336	19.747	ug/l	99
48) Methyl methacrylate	9.295	41	42096	20.229	ug/l	96
49) 1,4-Dioxane	9.301	88	10835	412.407	ug/l #	46
51) 4-Methyl-2-Pentanone	10.069	43	256118	101.283	ug/l	97
52) Toluene	10.246	92	133163	19.846	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	83461	19.657	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	86604	19.775	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	45448	20.199	ug/l	91
56) Ethyl methacrylate	10.508	69	63022	19.613	ug/l	95
57) 1,3-Dichloropropane	10.789	76	75933	20.064	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	158416	105.248	ug/l	93
59) 2-Hexanone	10.831	43	194192	101.913	ug/l	98
60) Dibromochloromethane	10.984	129	59219	19.841	ug/l	98
61) 1,2-Dibromoethane	11.087	107	45383	20.258	ug/l	97
64) Tetrachloroethene	10.721	164	63194	20.616	ug/l	93
65) Chlorobenzene	11.514	112	146600	19.810	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	59165	19.847	ug/l	98
67) Ethyl Benzene	11.593	91	260520	19.770	ug/l	98
68) m/p-Xylenes	11.703	106	207615	40.337	ug/l	98
69) o-Xylene	12.032	106	96469	19.697	ug/l	98
70) Styrene	12.044	104	166090	19.787	ug/l	100
71) Bromoform	12.209	173	43728	19.848	ug/l #	99
73) Isopropylbenzene	12.331	105	256881	19.584	ug/l	100
74) N-amyl acetate	12.142	43	80906	19.476	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	55281	19.720	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	79359	32.476	ug/l #	100
77) Bromobenzene	12.605	156	68878	20.196	ug/l	91
78) n-propylbenzene	12.672	91	315960	19.966	ug/l	98
79) 2-Chlorotoluene	12.758	91	177819	19.675	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	227386	20.039	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	21501	20.032	ug/l	96
82) 4-Chlorotoluene	12.855	91	192489	19.993	ug/l	99
83) tert-Butylbenzene	13.075	119	188618	19.390	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	224441	19.961	ug/l	99
85) sec-Butylbenzene	13.251	105	279700	19.883	ug/l	99
86) p-Isopropyltoluene	13.367	119	243321	19.978	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	131643	20.012	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	131845	19.936	ug/l	99
89) n-Butylbenzene	13.697	91	221236	19.880	ug/l	99
90) Hexachloroethane	13.959	117	45337	19.567	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	118651	19.757	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12841	20.726	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	76749	19.671	ug/l	98
94) Hexachlorobutadiene	15.111	225	47575	20.299	ug/l	98
95) Naphthalene	15.233	128	162878	19.417	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	70258	19.776	ug/l	99

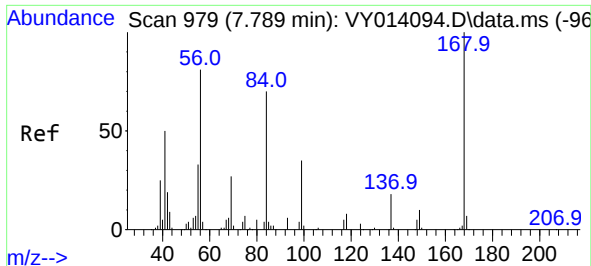
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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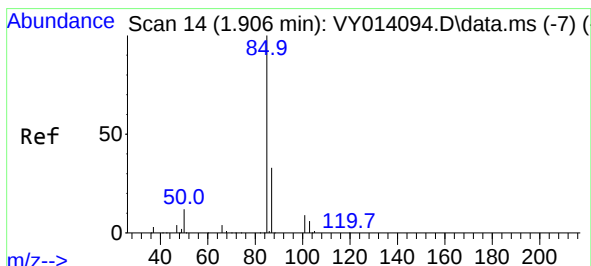
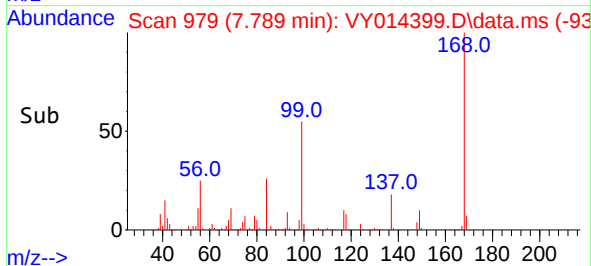
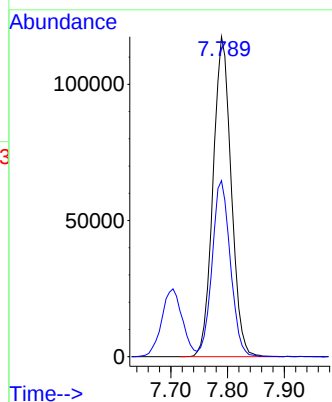
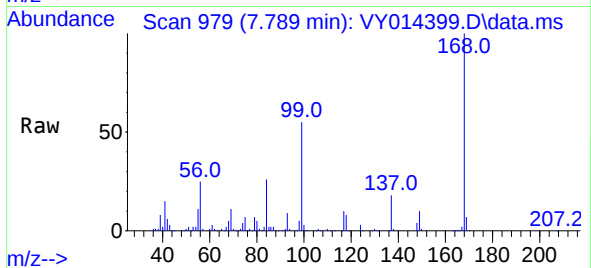
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014399.D
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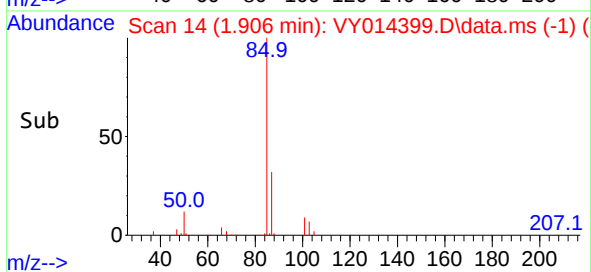
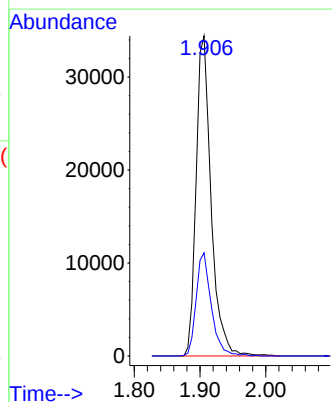
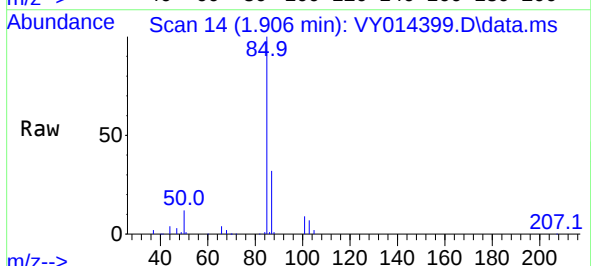
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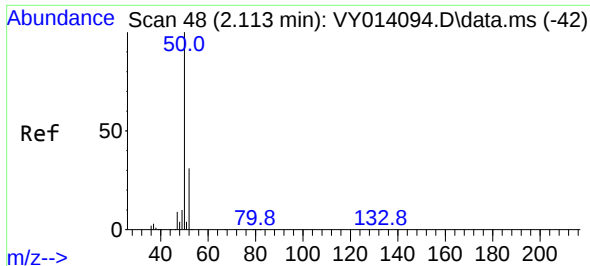
Tgt Ion:168 Resp: 261778
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 22.414 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion: 85 Resp: 54464
Ion Ratio Lower Upper
85 100
87 32.3 15.6 46.8

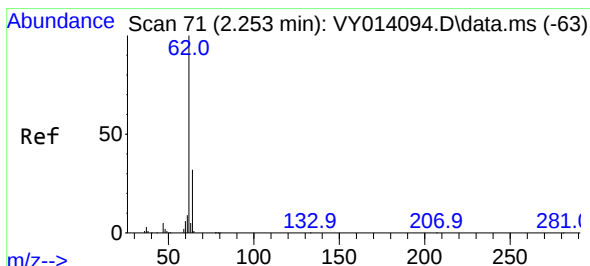
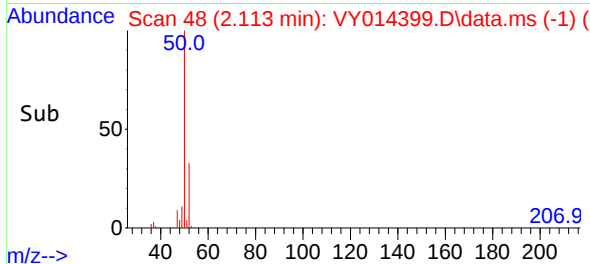
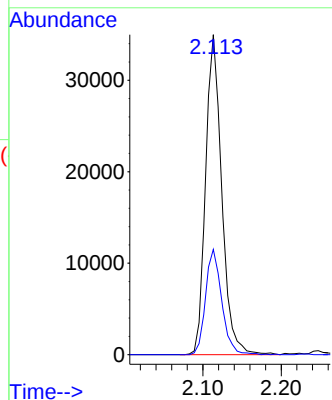
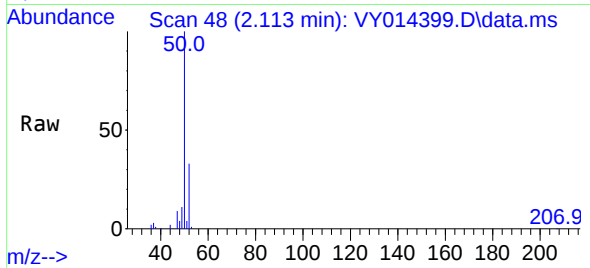




#3
Chloromethane
Concen: 21.041 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

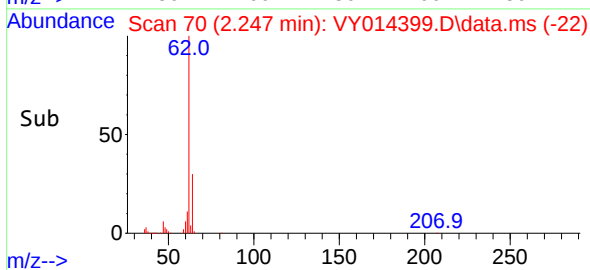
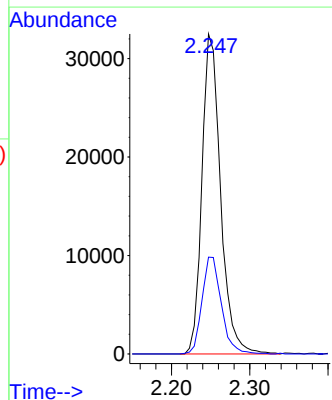
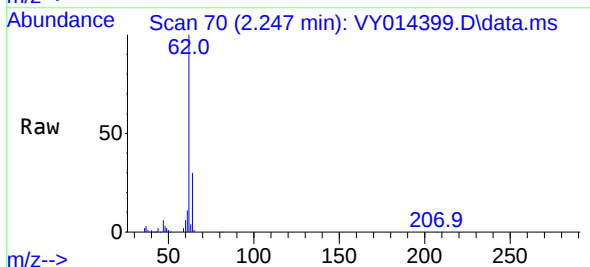
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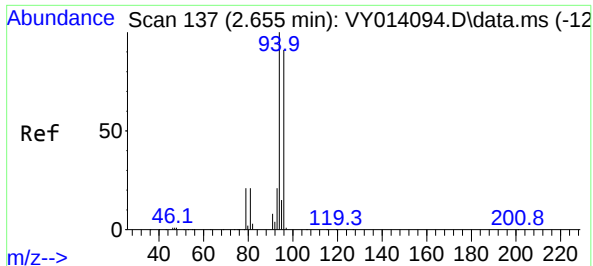
Tgt Ion: 50 Resp: 50035
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.2



#4
Vinyl Chloride
Concen: 20.703 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion: 62 Resp: 53658
Ion Ratio Lower Upper
62 100
64 30.2 24.3 36.5

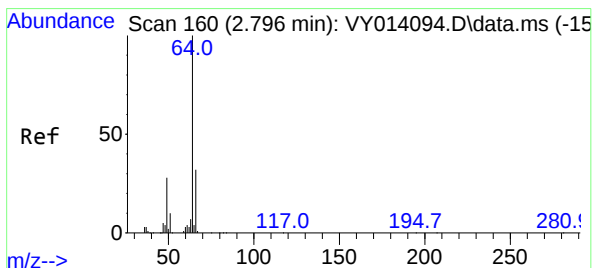
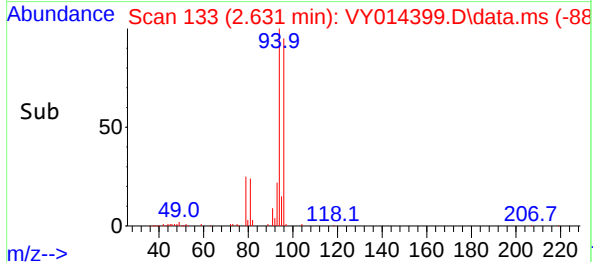
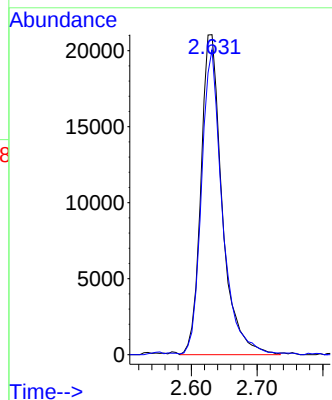
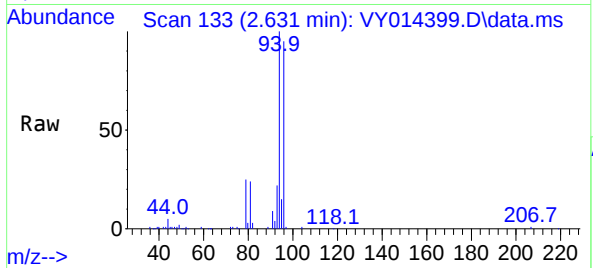




#5
Bromomethane
Concen: 20.760 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY014399.D
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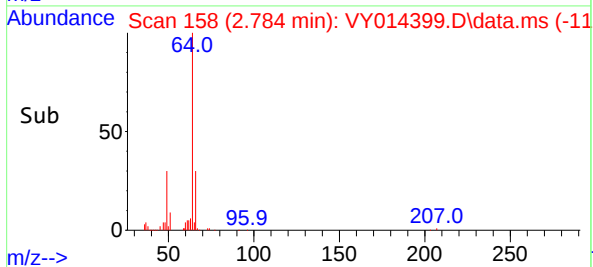
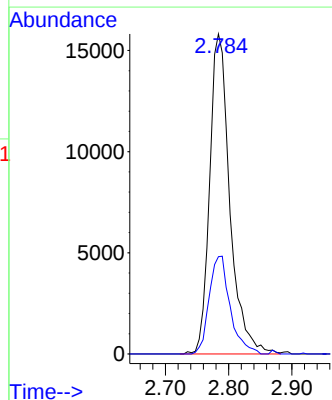
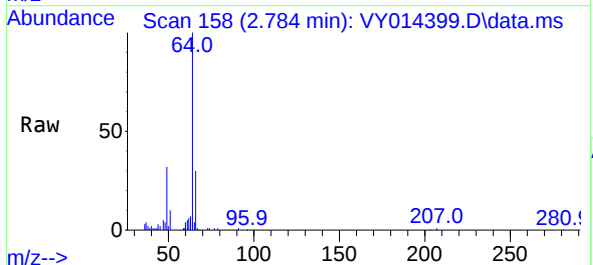
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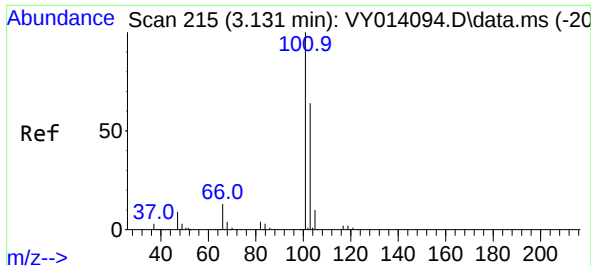
Tgt Ion: 94 Resp: 47275
Ion Ratio Lower Upper
94 100
96 95.0 75.8 113.6



#6
Chloroethane
Concen: 20.417 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion: 64 Resp: 35051
Ion Ratio Lower Upper
64 100
66 30.4 24.4 36.6

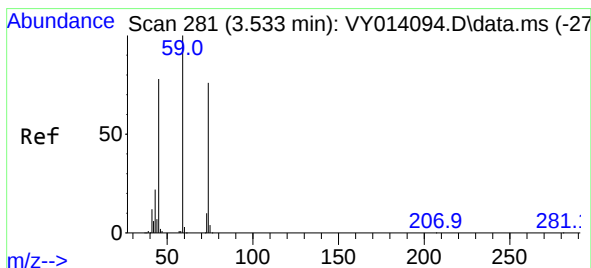
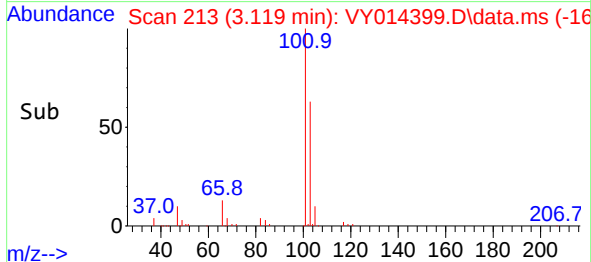
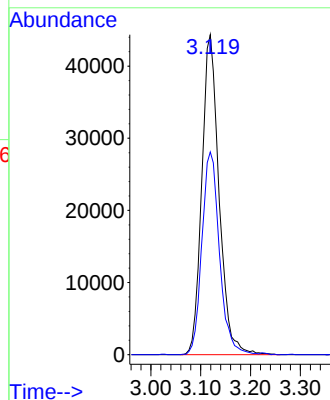
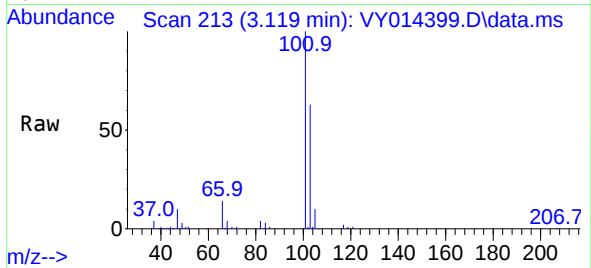




#7
Trichlorofluoromethane
Concen: 20.821 ug/l
RT: 3.119 min Scan# 215
Delta R.T. -0.012 min
Lab File: VY014399.D
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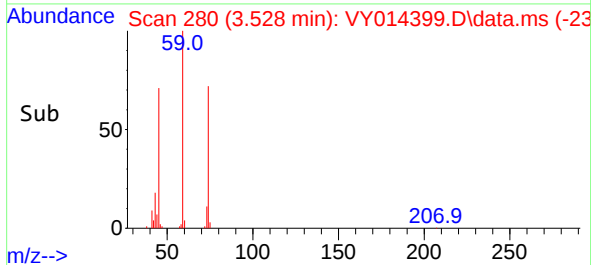
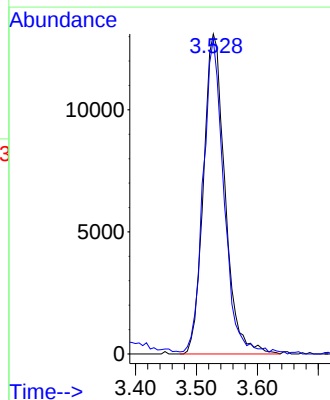
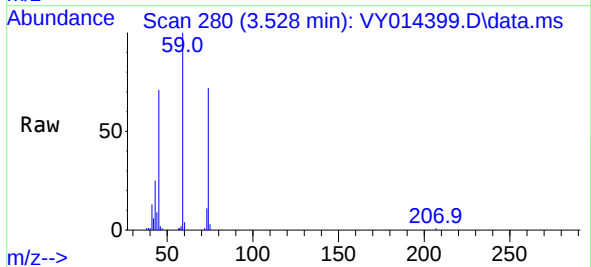
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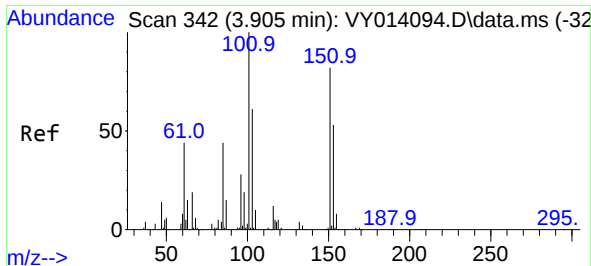
Tgt Ion:101 Resp: 106540
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.0



#8
Diethyl Ether
Concen: 20.612 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.005 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion: 74 Resp: 32157
Ion Ratio Lower Upper
74 100
45 95.4 51.5 154.5

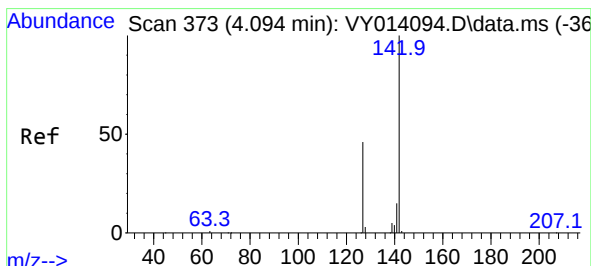
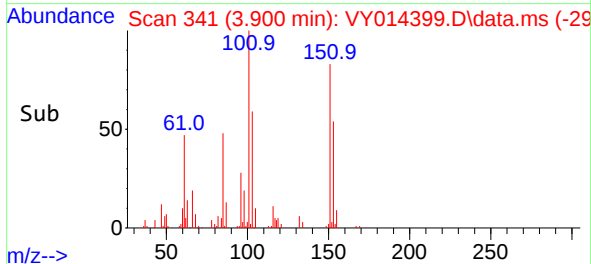
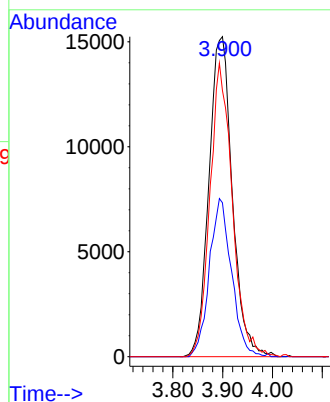
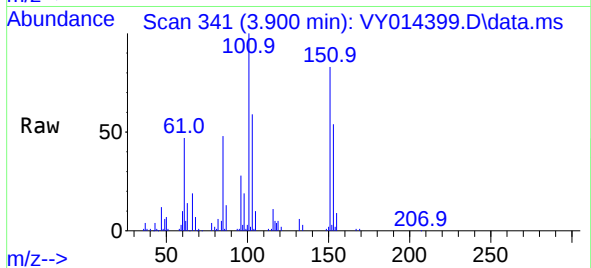




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.541 ug/l
RT: 3.900 min Scan# 341
Delta R.T. -0.005 min
Lab File: VY014399.D
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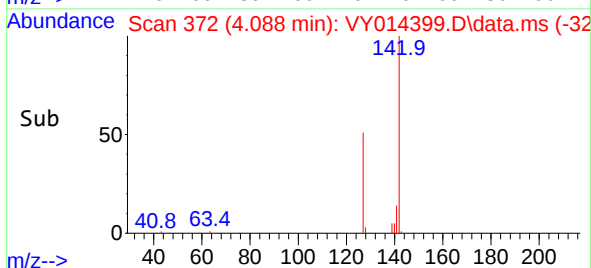
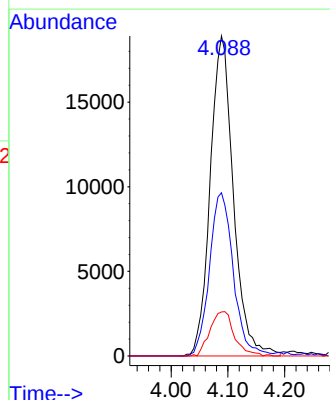
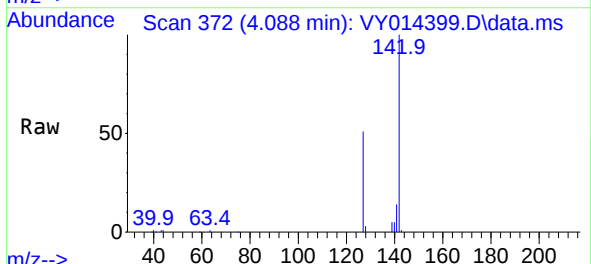
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

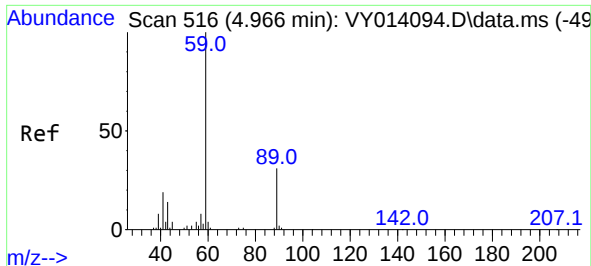
Tgt Ion:101 Resp: 49677
Ion Ratio Lower Upper
101 100
85 46.7 36.6 55.0
151 87.8 67.0 100.6



#10
Methyl Iodide
Concen: 18.704 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion:142 Resp: 53680
Ion Ratio Lower Upper
142 100
127 52.5 37.6 56.4
141 14.6 11.8 17.8

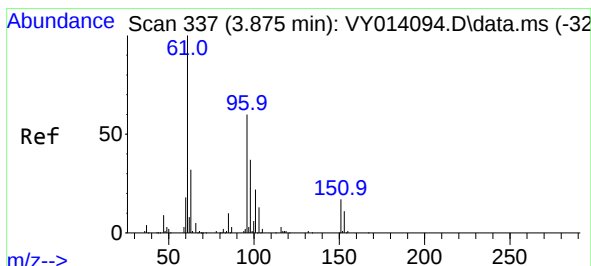
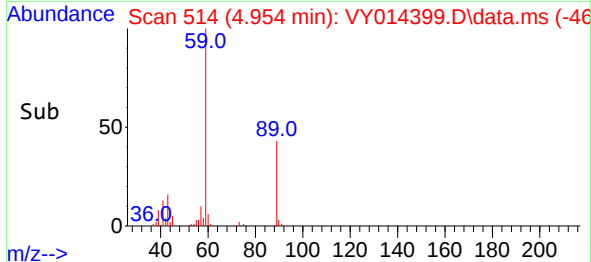
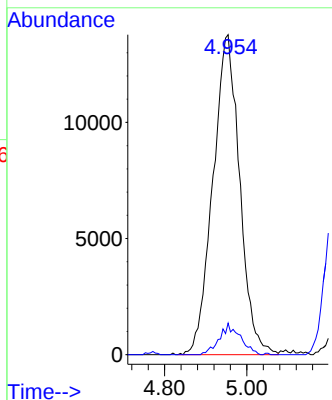
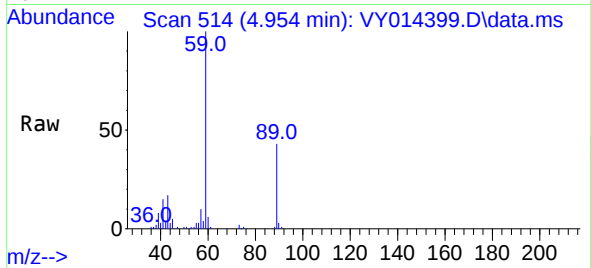




#11
Tert butyl alcohol
Concen: 139.280 ug/l
RT: 4.954 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

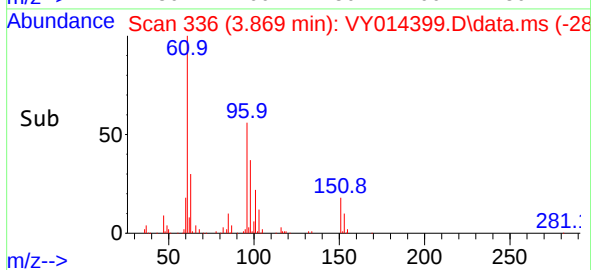
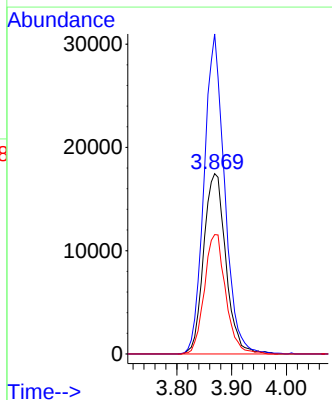
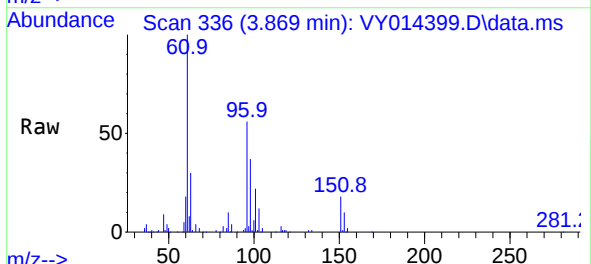
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

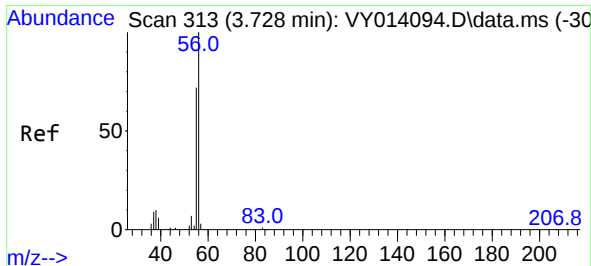
Tgt Ion: 59 Resp: 62332
Ion Ratio Lower Upper
59 100
57 7.6 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 20.292 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion: 96 Resp: 48937
Ion Ratio Lower Upper
96 100
61 177.5 136.4 204.6
98 66.2 49.4 74.2

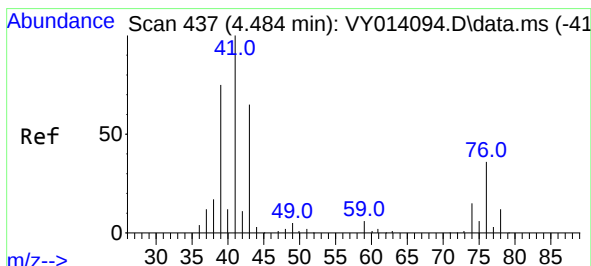
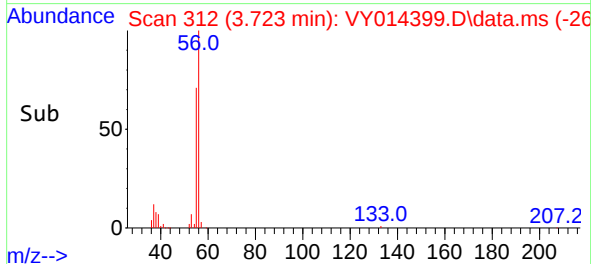
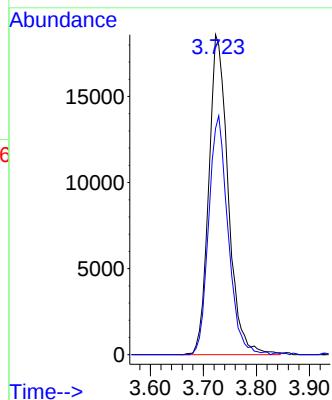
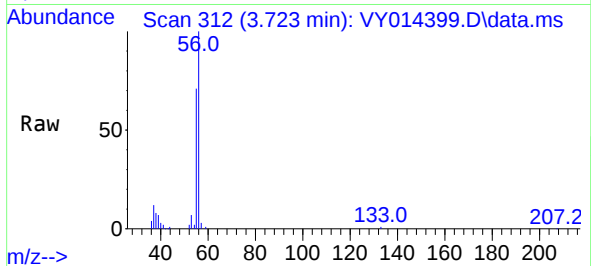




#13
Acrolein
Concen: 111.045 ug/l
RT: 3.723 min Scan# 313
Delta R.T. -0.005 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

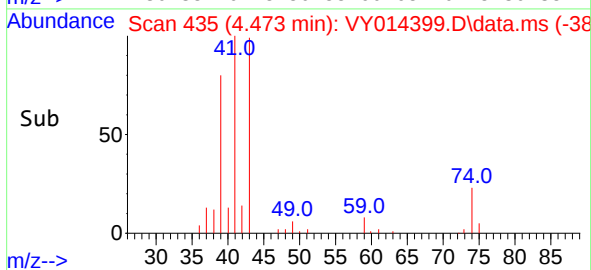
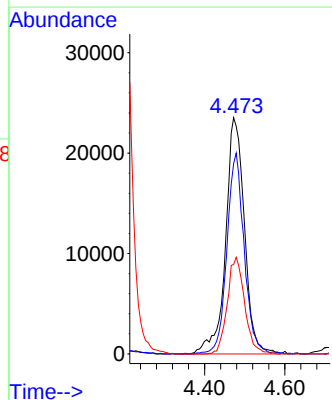
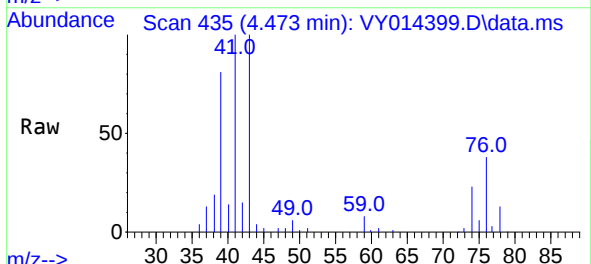
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

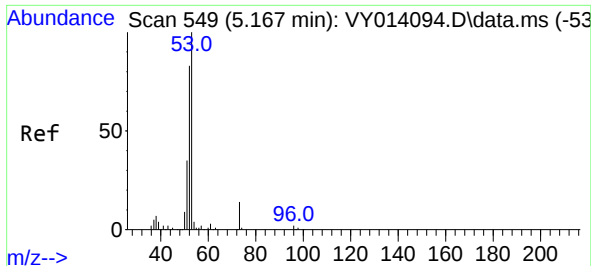
Tgt Ion: 56 Resp: 47172
Ion Ratio Lower Upper
56 100
55 74.6 57.0 85.4



#14
Allyl chloride
Concen: 19.940 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.011 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion: 41 Resp: 76803
Ion Ratio Lower Upper
41 100
39 77.8 58.0 87.0
76 37.6 27.4 41.2





#15

Acrylonitrile

Concen: 103.191 ug/l

RT: 5.155 min Scan# 54

Delta R.T. -0.012 min

Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

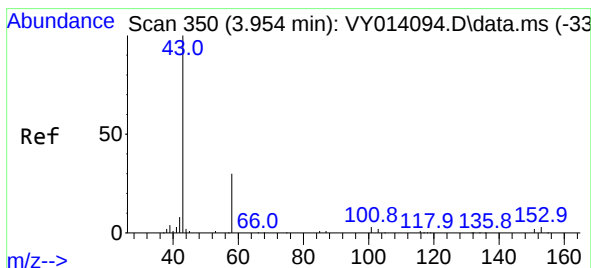
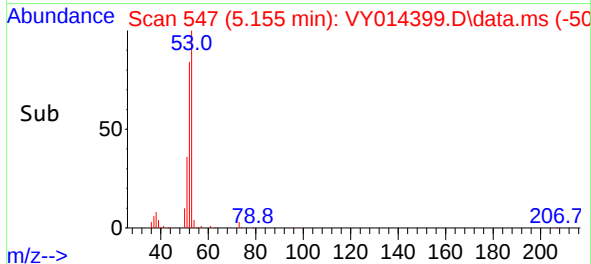
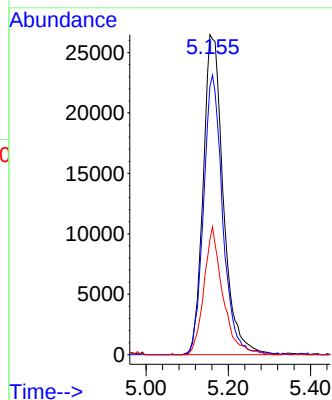
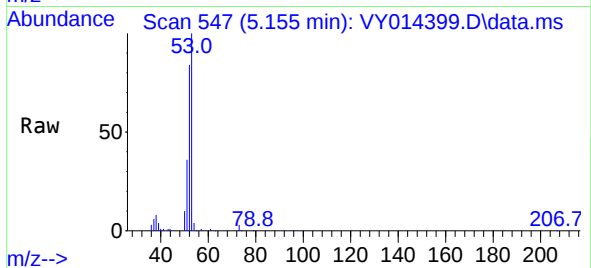
Tgt Ion: 53 Resp: 90022

Ion Ratio Lower Upper

53 100

52 83.3 66.9 100.3

51 37.4 29.8 44.6



#16

Acetone

Concen: 95.091 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.006 min

Lab File: VY014399.D

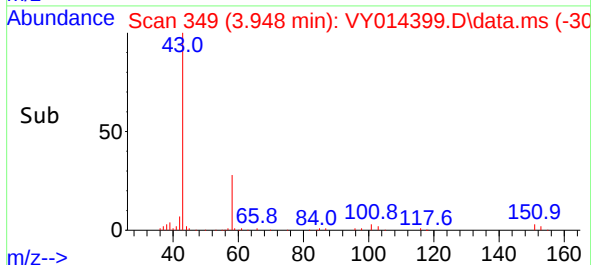
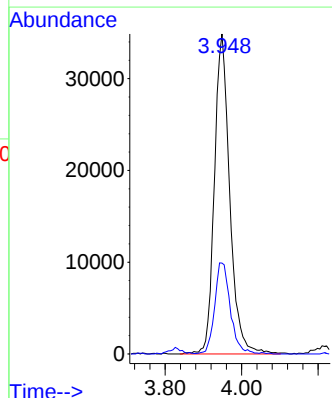
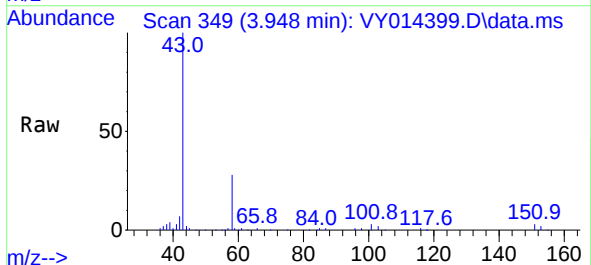
Acq: 23 Jun 2023 11:05

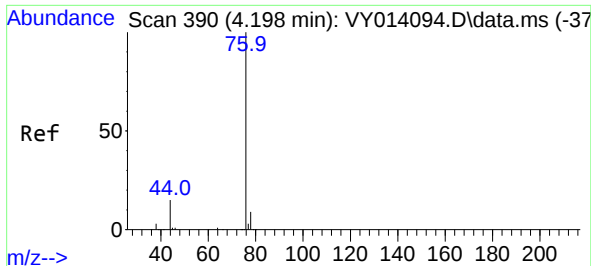
Tgt Ion: 43 Resp: 97252

Ion Ratio Lower Upper

43 100

58 28.4 22.7 34.1

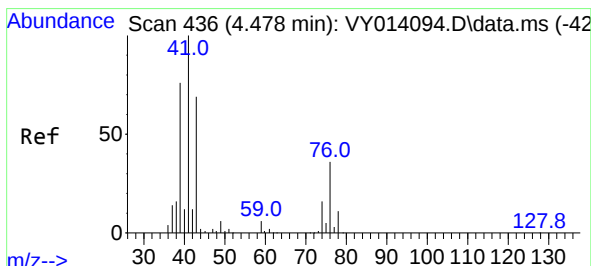
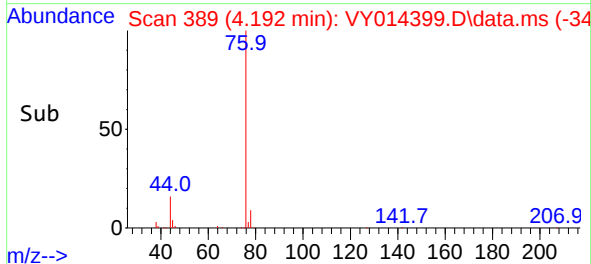
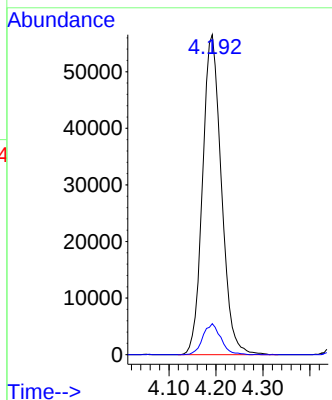
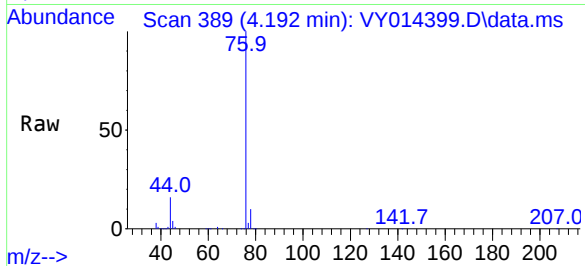




#17
Carbon Disulfide
Concen: 21.047 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

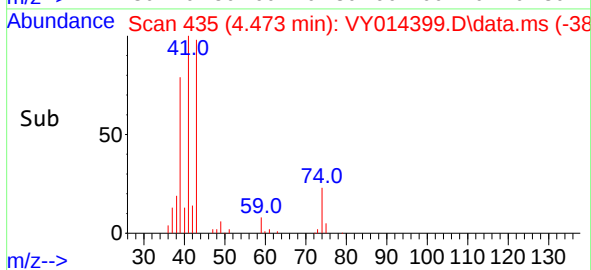
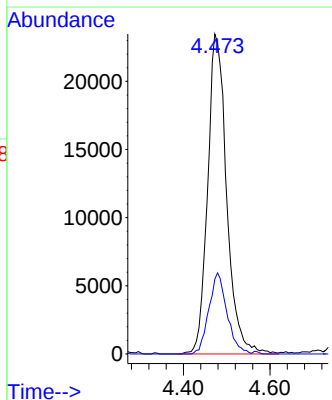
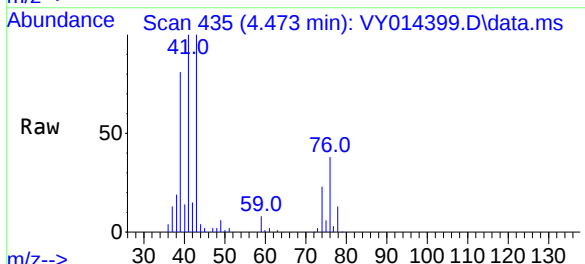
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

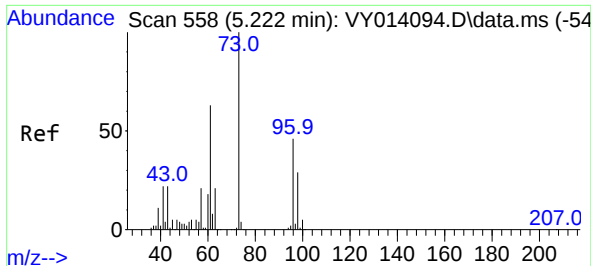
Tgt Ion: 76 Resp: 157076
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.4



#18
Methyl Acetate
Concen: 20.356 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion: 43 Resp: 71571
Ion Ratio Lower Upper
43 100
74 24.2 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 19.672 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

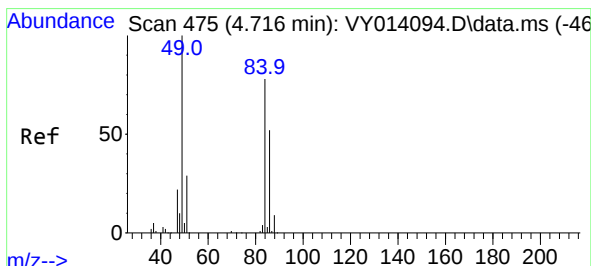
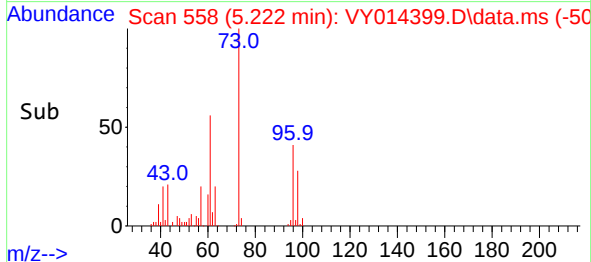
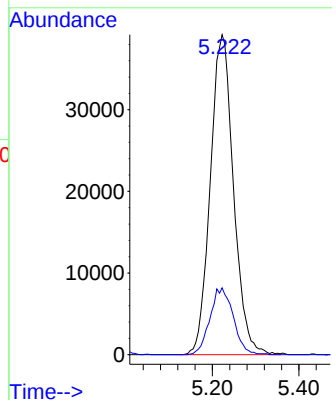
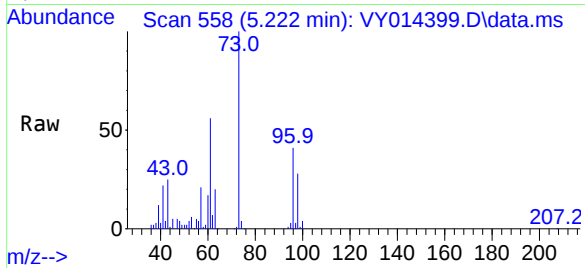
VSTDICC020

Tgt Ion: 73 Resp: 145920

Ion Ratio Lower Upper

73 100

57 20.9 17.3 25.9



#20

Methylene Chloride

Concen: 20.985 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

Tgt Ion: 84 Resp: 71507

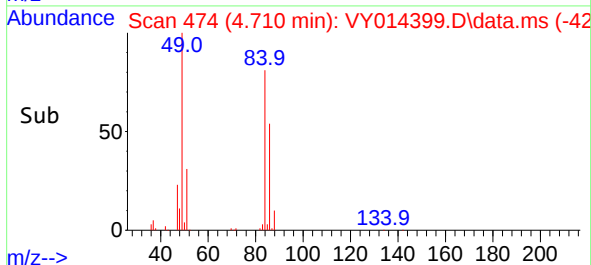
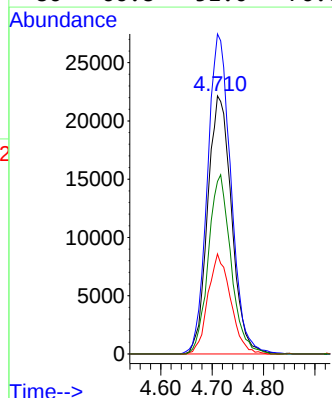
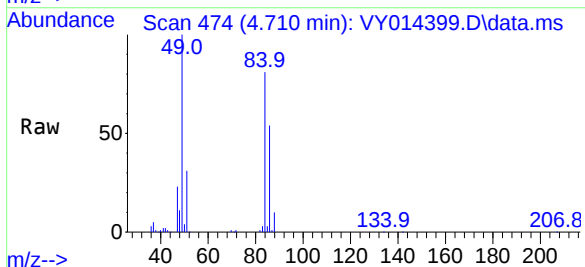
Ion Ratio Lower Upper

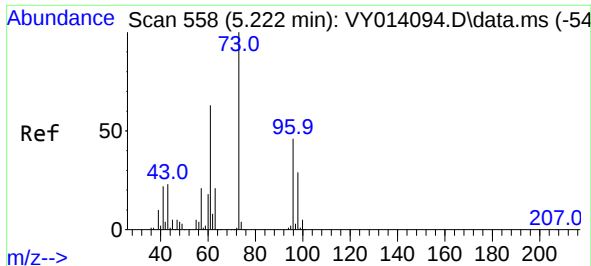
84 100

49 124.0 106.9 160.3

51 38.8 33.2 49.8

86 66.8 51.0 76.6

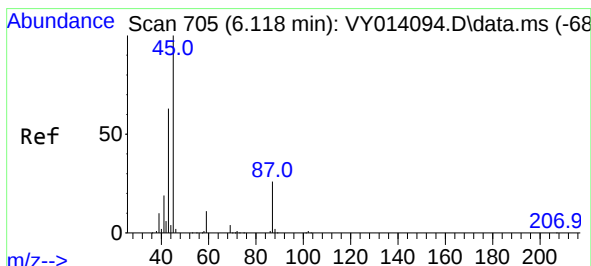
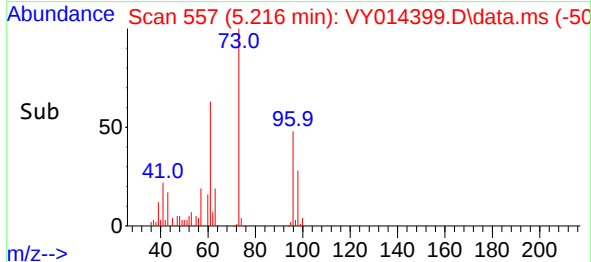
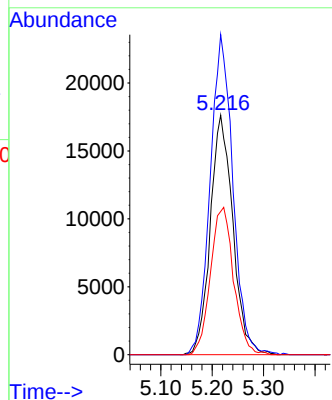
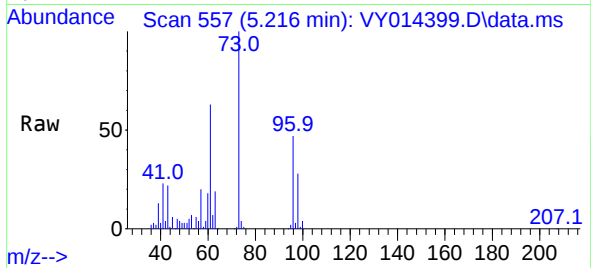




#21
trans-1,2-Dichloroethene
Concen: 20.244 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

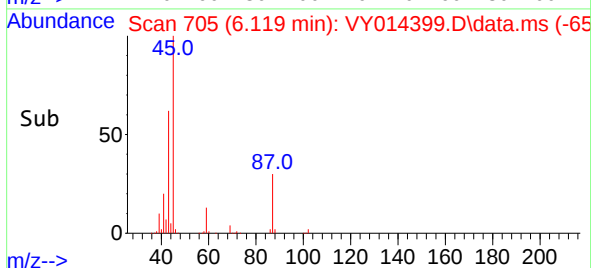
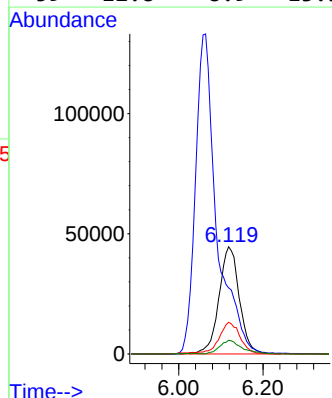
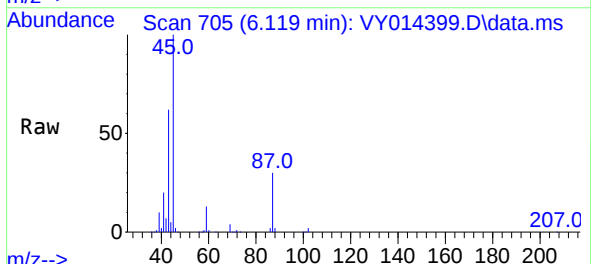
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

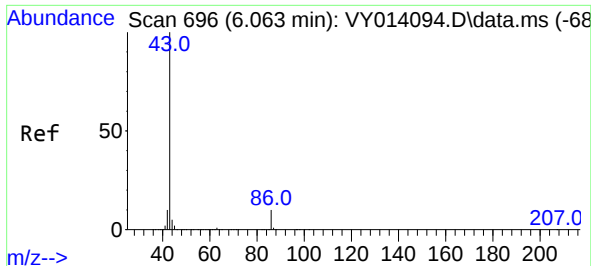
Tgt Ion: 96 Resp: 53682
Ion Ratio Lower Upper
96 100
61 133.6 110.2 165.4
98 59.8 51.8 77.6



#22
Diisopropyl ether
Concen: 19.506 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion: 45 Resp: 149302
Ion Ratio Lower Upper
45 100
43 60.9 52.2 78.4
87 29.3 21.0 31.6
59 12.8 8.9 13.3

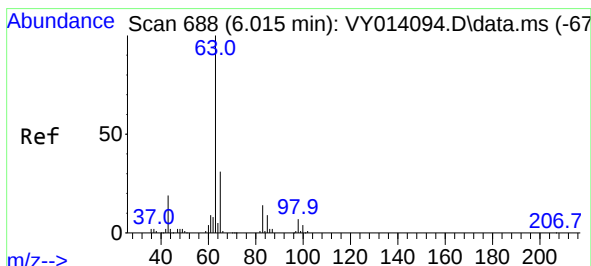
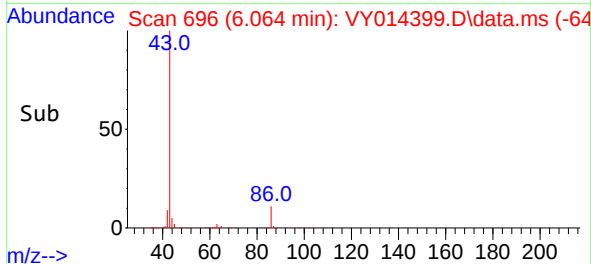
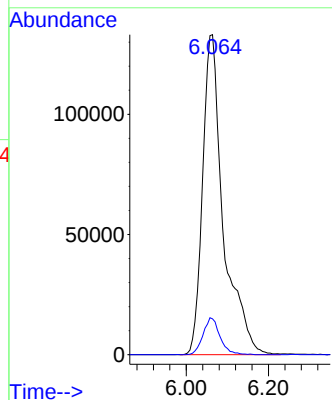
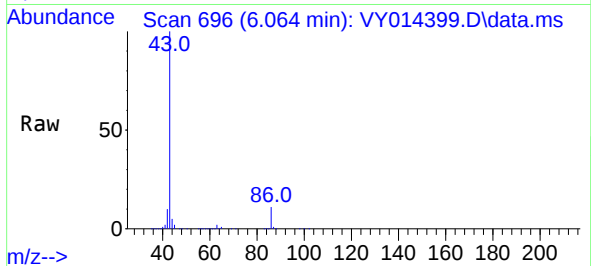




#23
 Vinyl Acetate
 Concen: 119.306 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.001 min
 Lab File: VY014399.D
 Acq: 23 Jun 2023 11:05

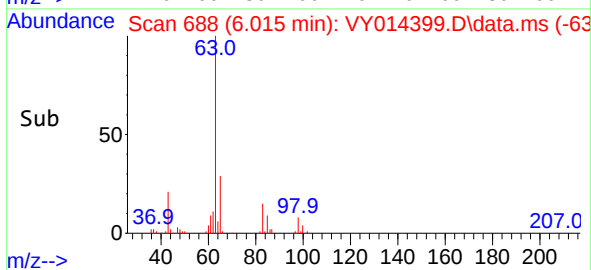
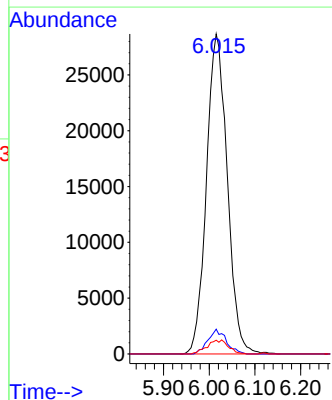
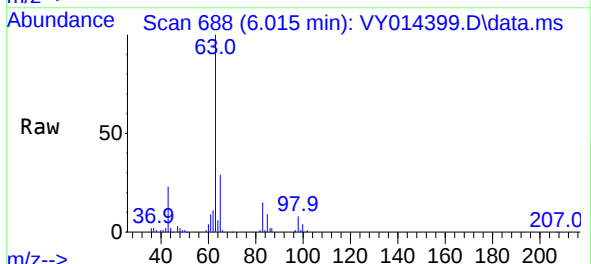
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

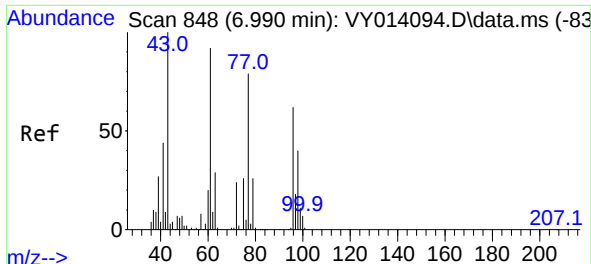
Tgt Ion: 43 Resp: 466246
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 19.952 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY014399.D
 Acq: 23 Jun 2023 11:05

Tgt Ion: 63 Resp: 90685
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.1 9.4
 100 4.3 1.8 5.5

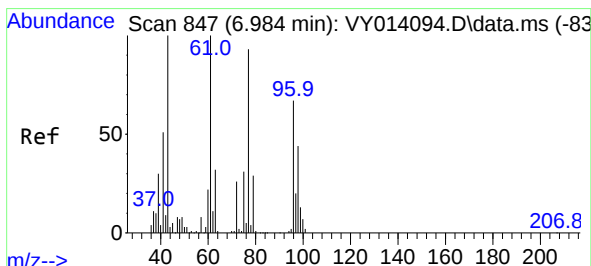
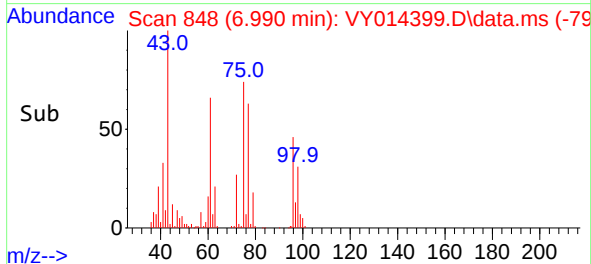
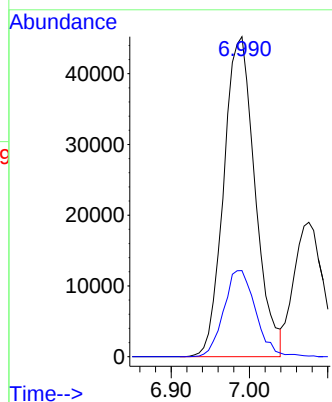
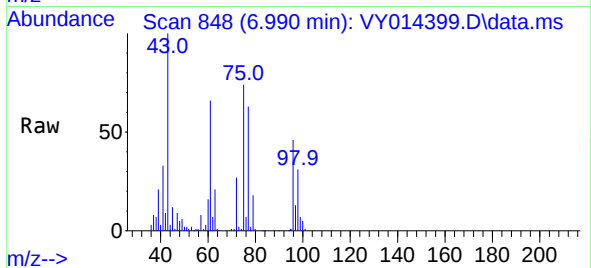




#25
2-Butanone
Concen: 98.593 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

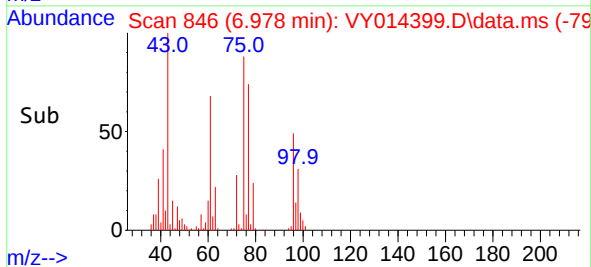
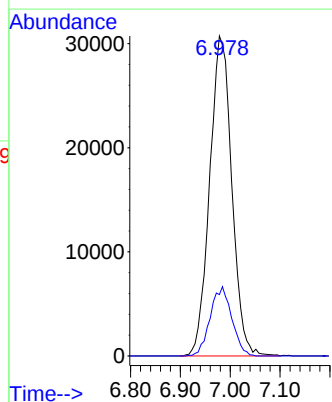
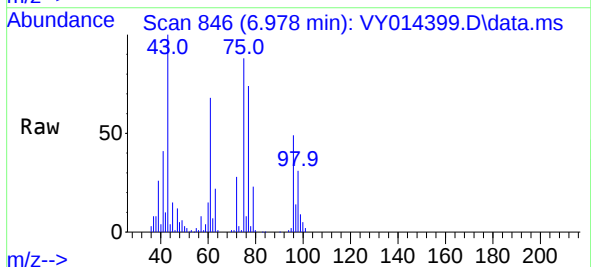
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

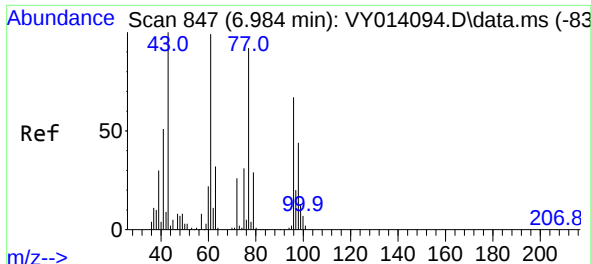
Tgt Ion: 43 Resp: 125591
Ion Ratio Lower Upper
43 100
72 26.9 20.5 30.7



#26
2,2-Dichloropropane
Concen: 19.714 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion: 77 Resp: 94744
Ion Ratio Lower Upper
77 100
97 21.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.908 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

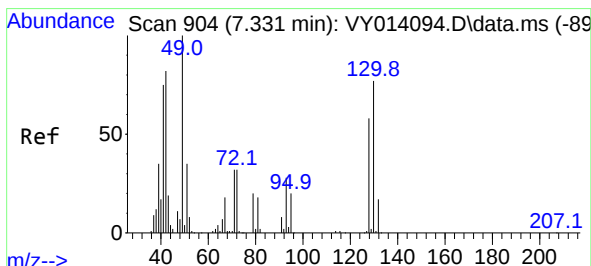
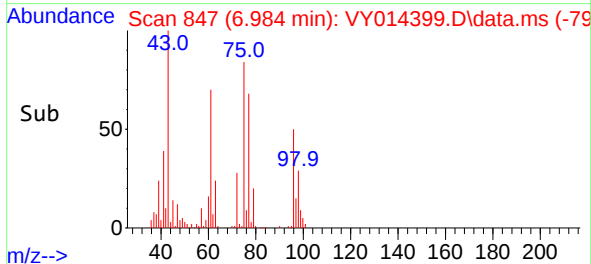
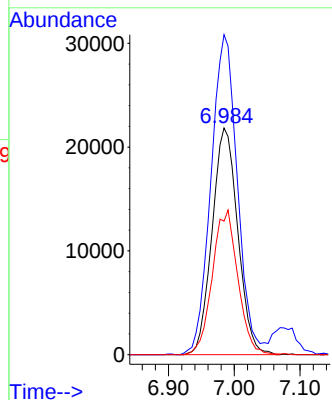
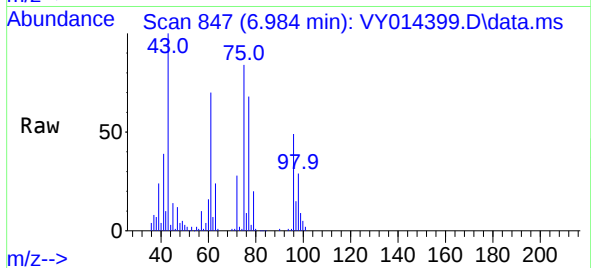
Tgt Ion: 96 Resp: 59426

Ion Ratio Lower Upper

96 100

61 144.1 0.0 301.4

98 63.4 0.0 130.4



#28

Bromochloromethane

Concen: 20.806 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.001 min

Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

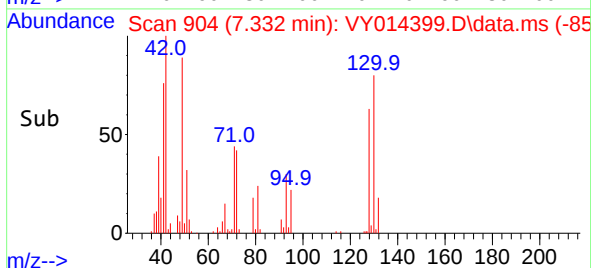
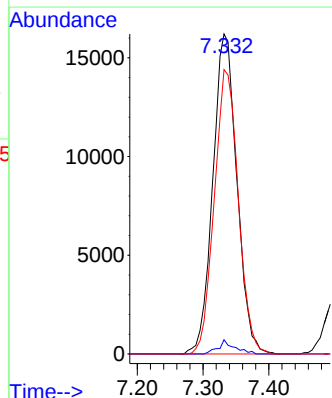
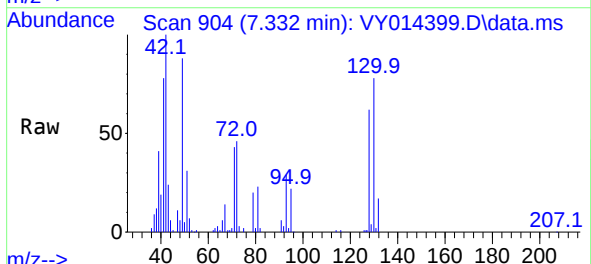
Tgt Ion: 49 Resp: 41243

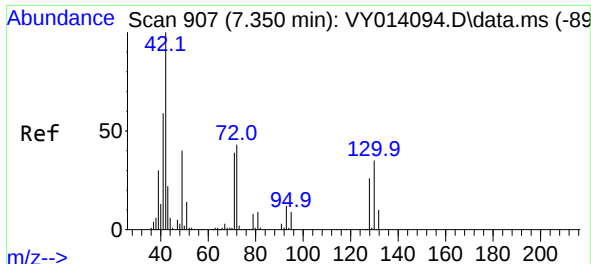
Ion Ratio Lower Upper

49 100

129 3.0 0.0 4.6

130 88.6 60.7 91.1

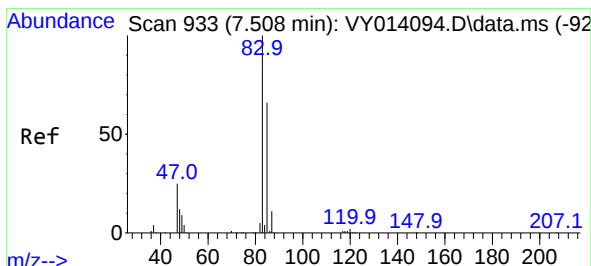
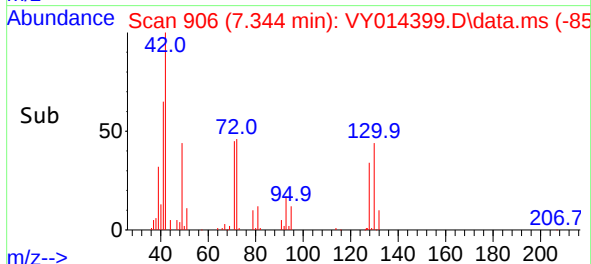
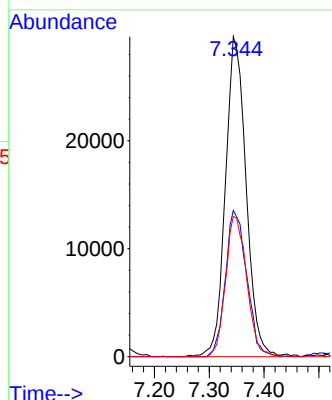
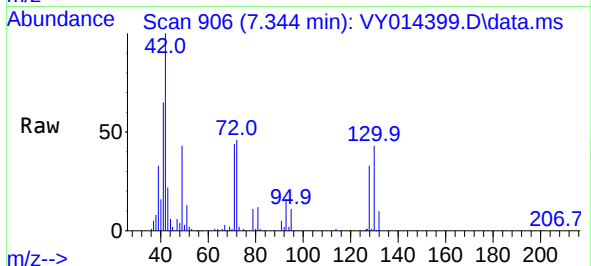




#29
Tetrahydrofuran
Concen: 102.342 ug/l
RT: 7.344 min Scan# 907
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

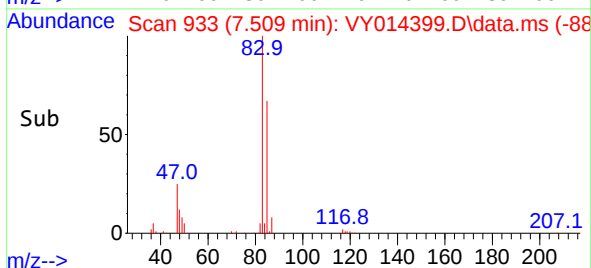
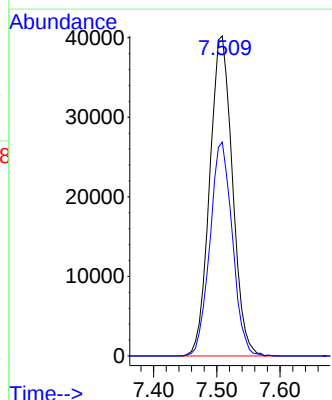
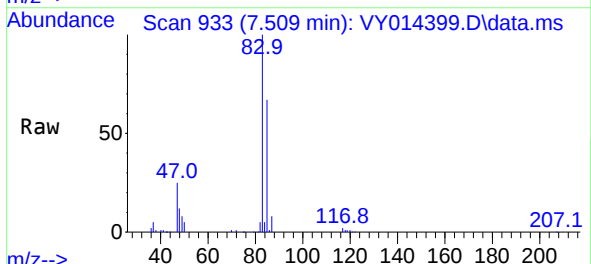
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

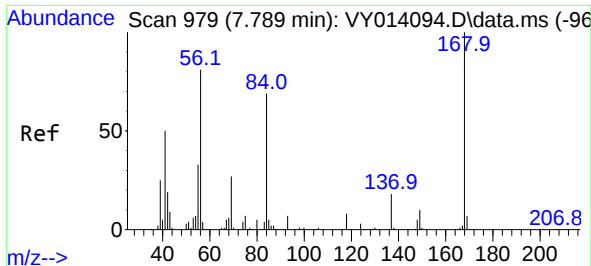
Tgt Ion:	42	Resp:	77735
Ion	Ratio	Lower	Upper
42	100		
72	47.2	32.8	49.2
71	44.8	31.0	46.4



#30
Chloroform
Concen: 19.609 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.001 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion:	83	Resp:	100542
Ion	Ratio	Lower	Upper
83	100		
85	66.8	49.7	74.5

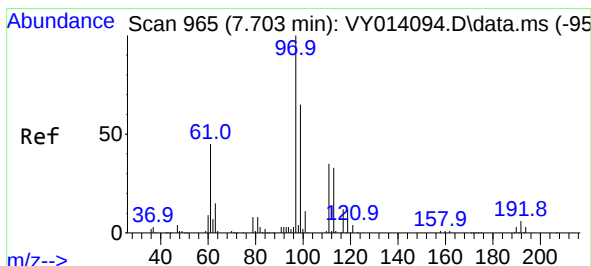
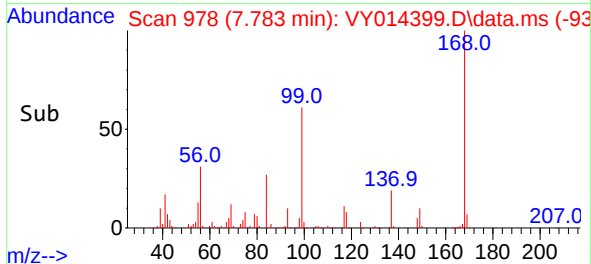
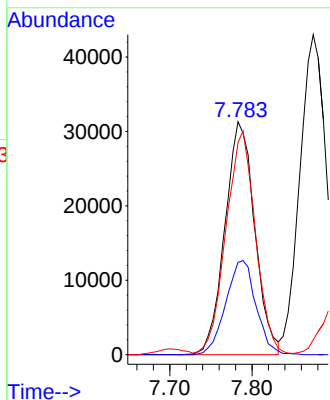
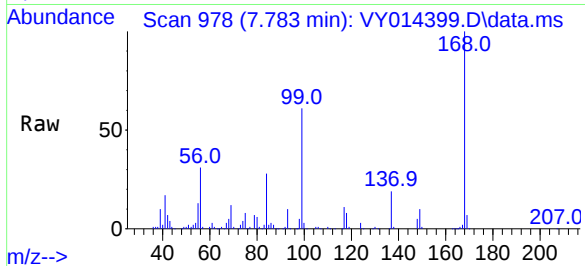




#31
Cyclohexane
Concen: 19.674 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

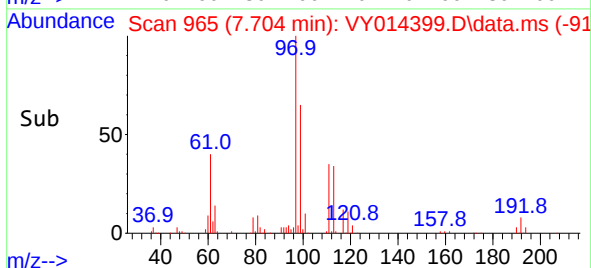
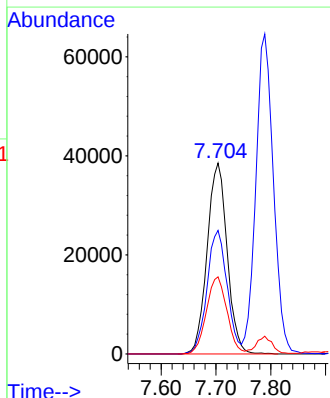
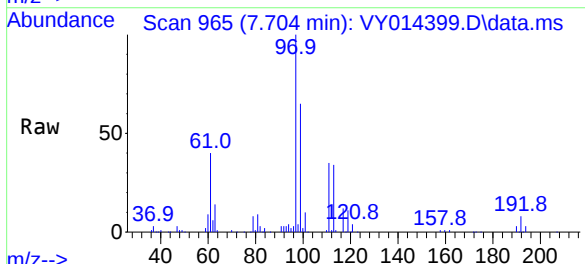
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

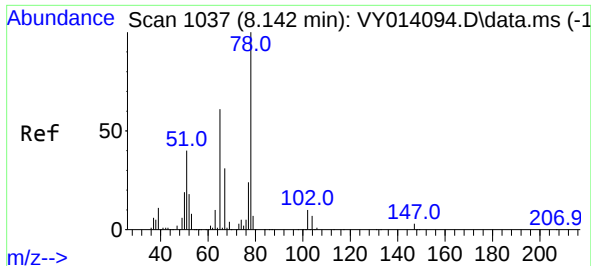
Tgt Ion: 56 Resp: 78983
Ion Ratio Lower Upper
56 100
69 39.6 27.8 41.6
84 88.9 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 19.998 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.001 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion: 97 Resp: 97599
Ion Ratio Lower Upper
97 100
99 65.2 50.8 76.2
61 41.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 19.225 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

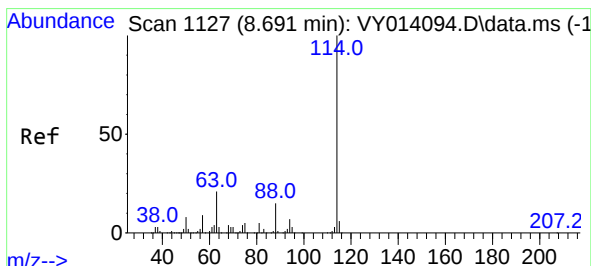
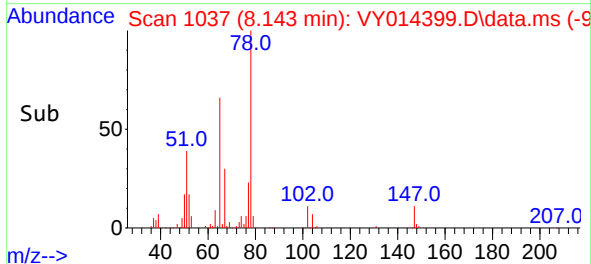
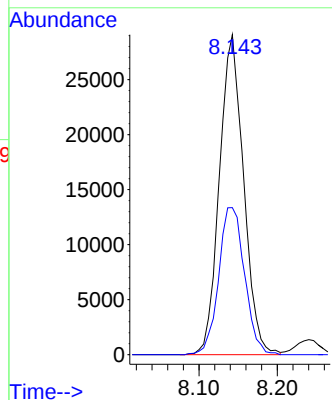
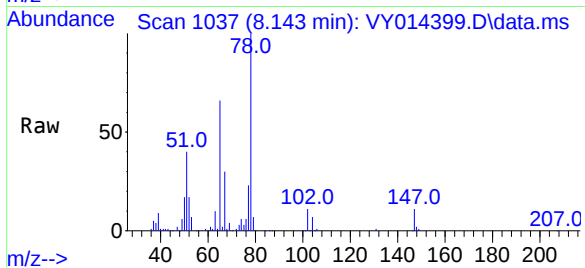
VSTDICC020

Tgt Ion: 65 Resp: 62486

Ion Ratio Lower Upper

65 100

67 49.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

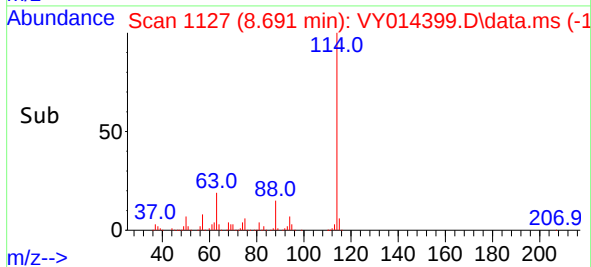
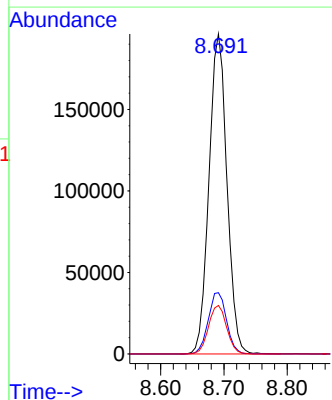
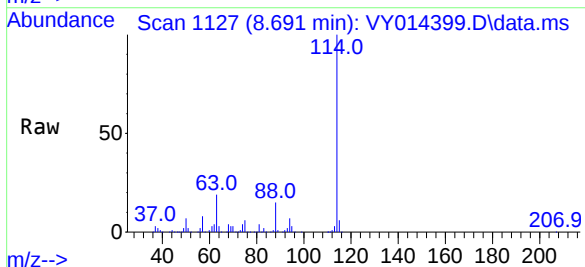
Tgt Ion: 114 Resp: 386723

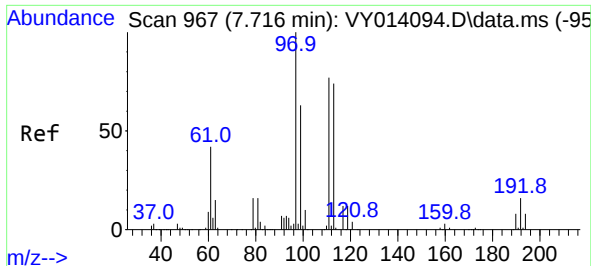
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.1 0.0 30.6

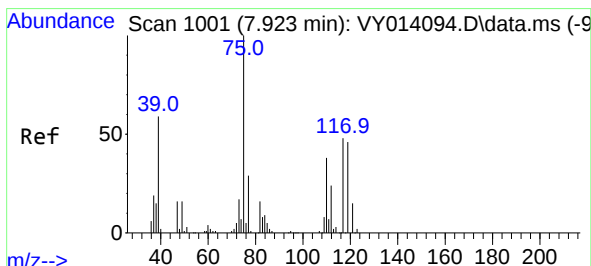
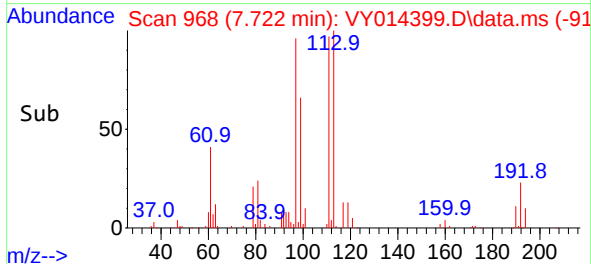
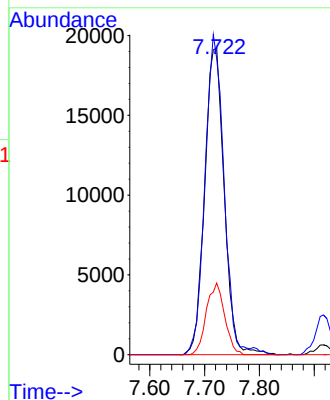
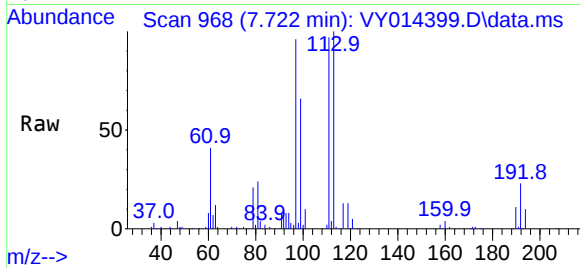




#35
Dibromofluoromethane
Concen: 19.896 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

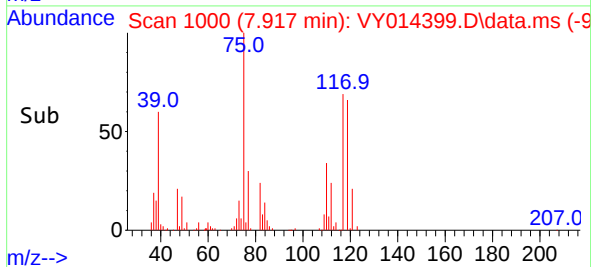
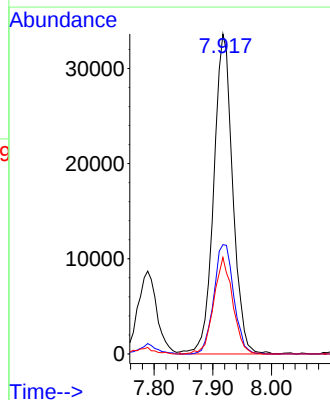
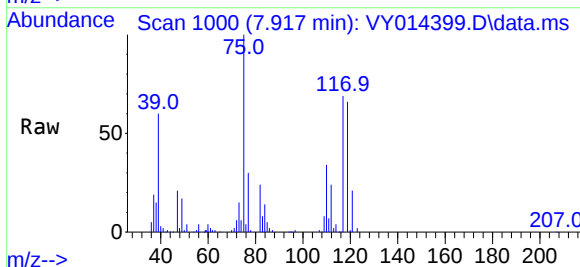
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

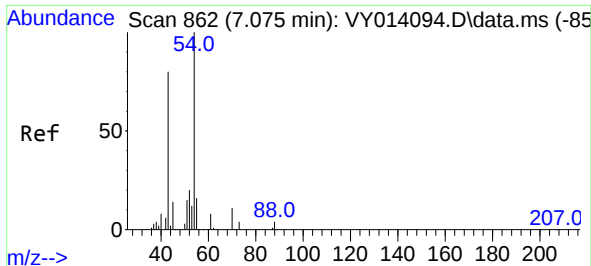
Tgt Ion:113 Resp: 47537
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 21.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 20.468 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion: 75 Resp: 75360
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.5
77 30.2 24.4 36.6

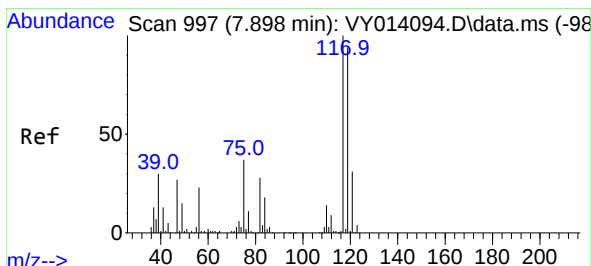
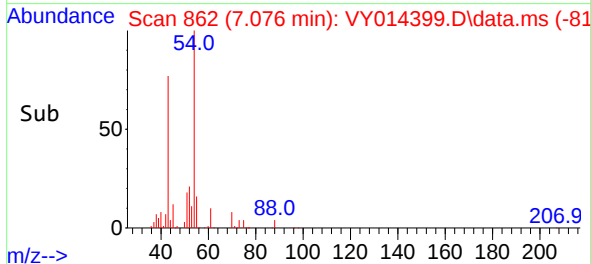
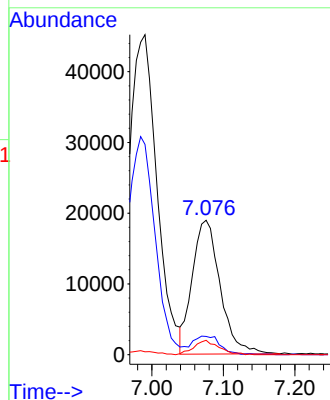
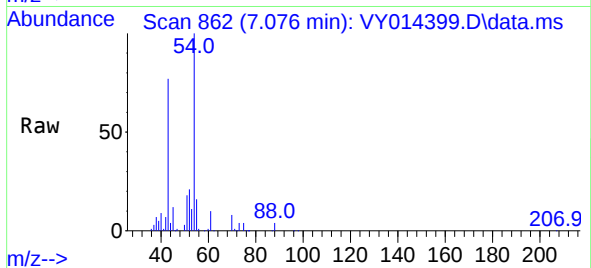




#37
Ethyl Acetate
Concen: 20.227 ug/l
RT: 7.076 min Scan# 80
Delta R.T. 0.001 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

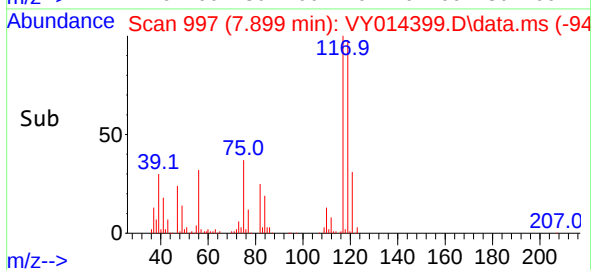
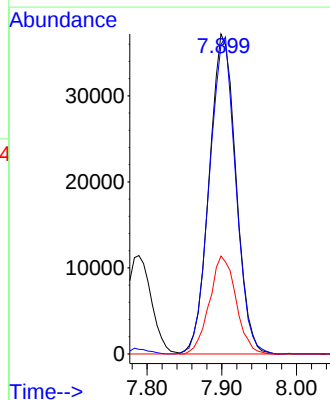
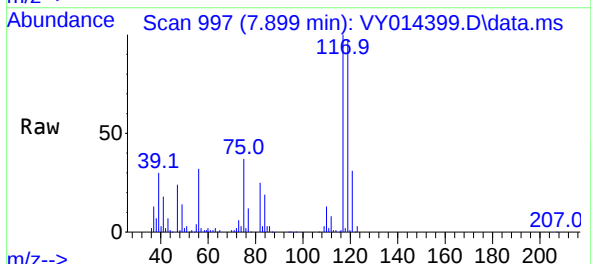
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

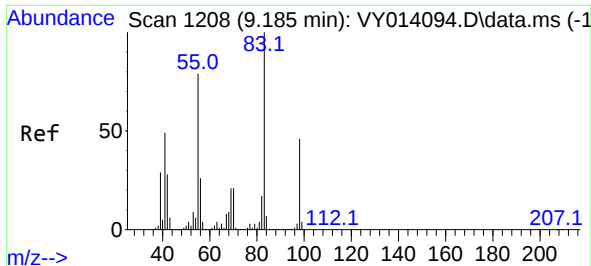
Tgt Ion: 43 Resp: 51324
Ion Ratio Lower Upper
43 100
61 12.2 10.1 15.1
70 9.6 7.1 10.7



#38
Carbon Tetrachloride
Concen: 19.956 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.001 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion: 117 Resp: 92462
Ion Ratio Lower Upper
117 100
119 96.7 76.4 114.6
121 30.6 25.8 38.6





#39

Methylcyclohexane

Concen: 20.627 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

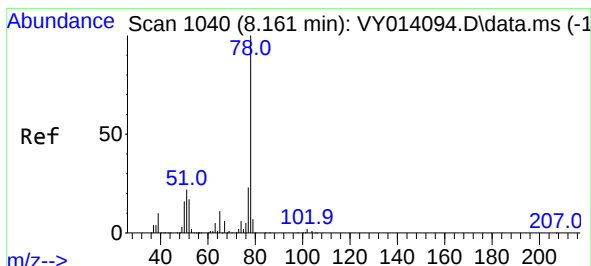
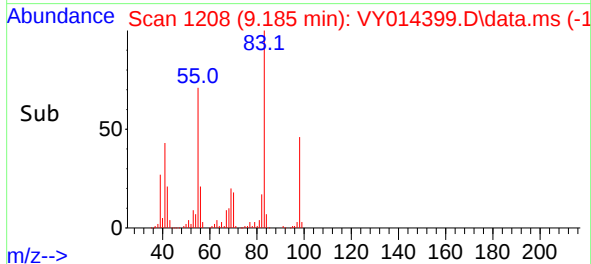
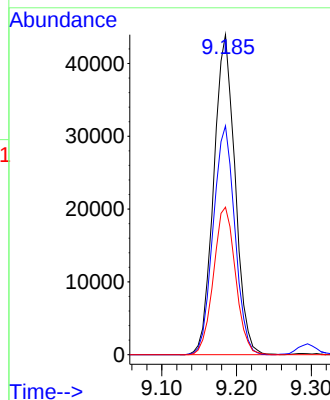
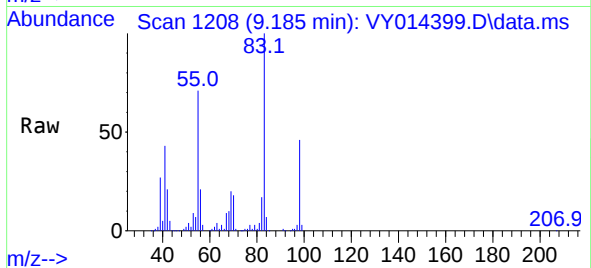
Tgt Ion: 83 Resp: 87375

Ion Ratio Lower Upper

83 100

55 71.5 63.0 94.4

98 46.1 37.4 56.2



#40

Benzene

Concen: 19.902 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY014399.D

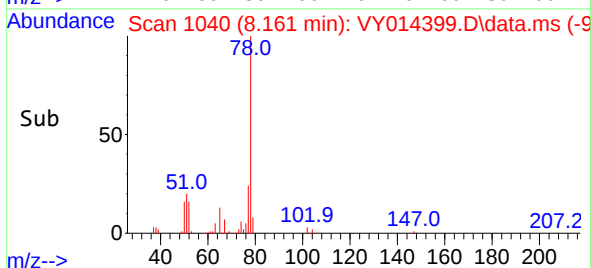
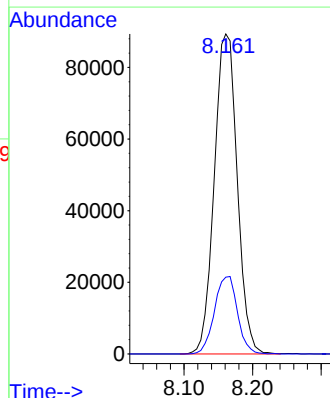
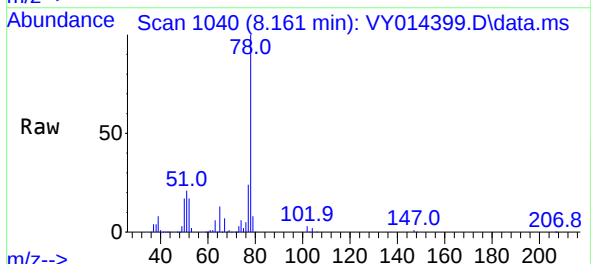
Acq: 23 Jun 2023 11:05

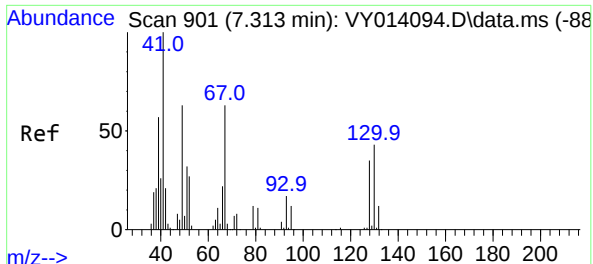
Tgt Ion: 78 Resp: 207539

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6

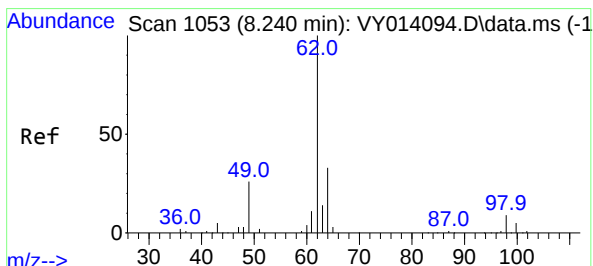
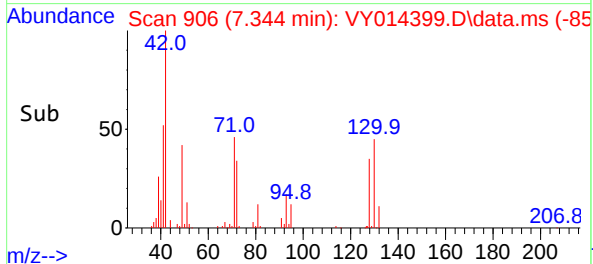
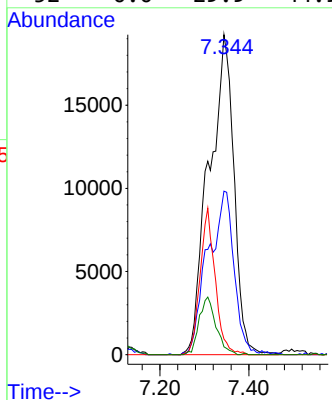
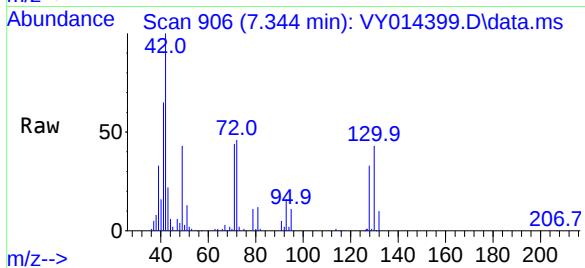




#41
Methacrylonitrile
Concen: 59.684 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

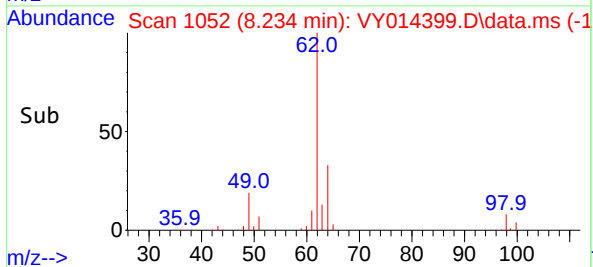
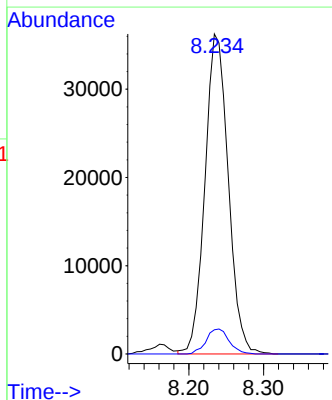
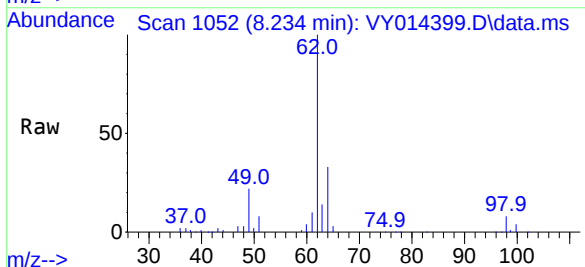
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

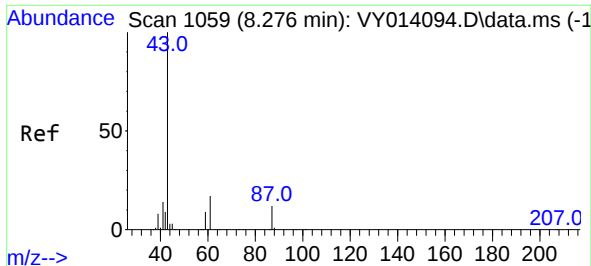
Tgt Ion:	41	Resp:	75053
Ion	Ratio	Lower	Upper
41	100		
39	53.4	52.1	78.1
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 19.858 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion:	62	Resp:	78513
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.8

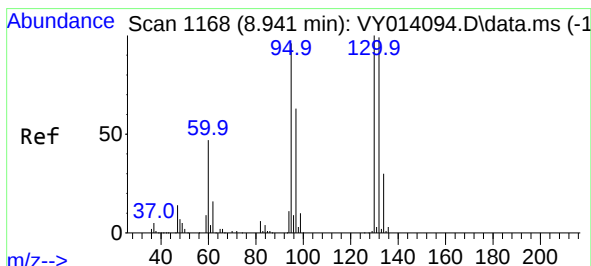
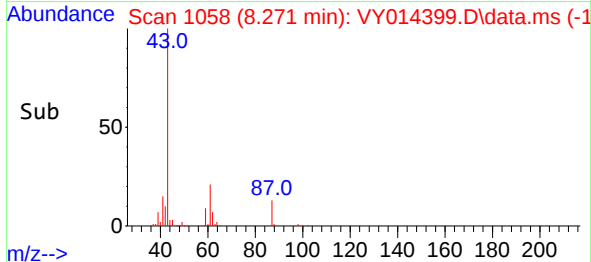
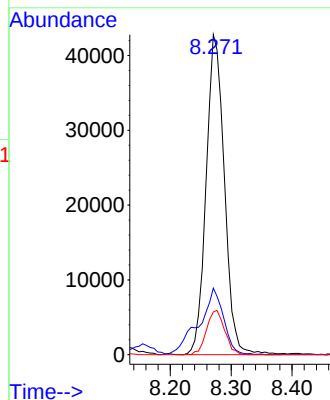
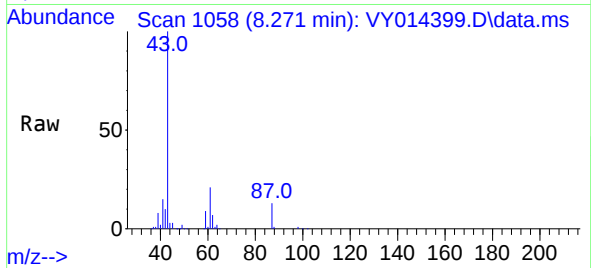




#43
Isopropyl Acetate
Concen: 19.938 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.005 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

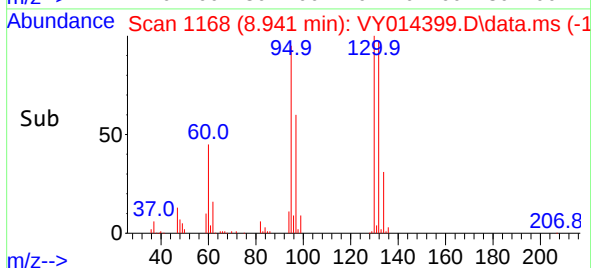
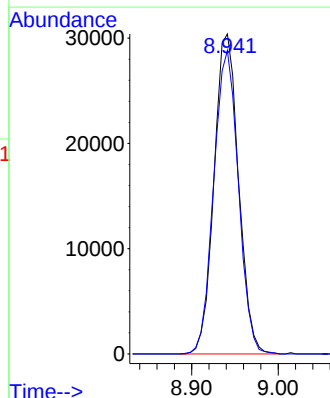
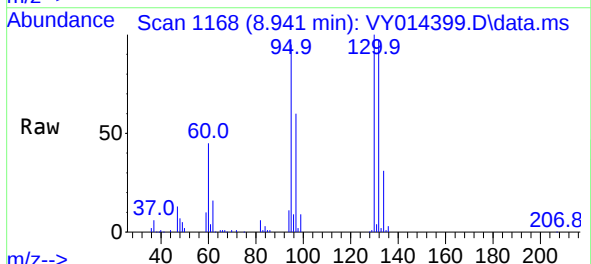
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

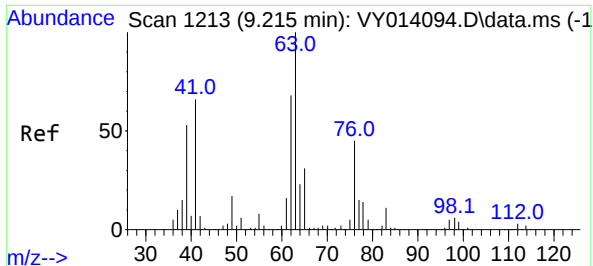
Tgt Ion: 43 Resp: 89332
Ion Ratio Lower Upper
43 100
61 28.0 21.1 31.7
87 13.8 9.8 14.8



#44
Trichloroethene
Concen: 19.934 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion:130 Resp: 59683
Ion Ratio Lower Upper
130 100
95 94.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.930 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

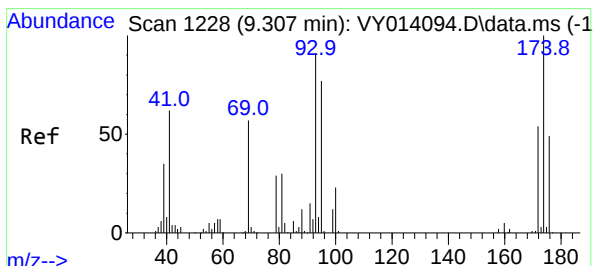
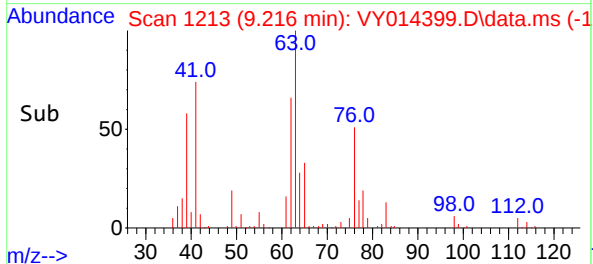
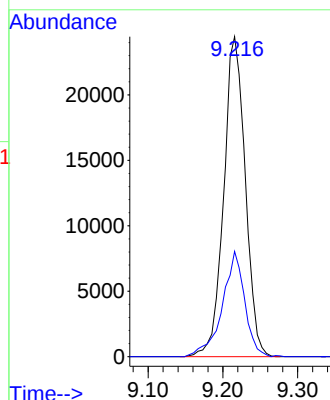
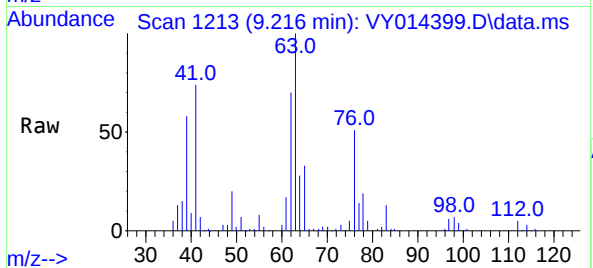
VSTDIC020

Tgt Ion: 63 Resp: 49003

Ion Ratio Lower Upper

63 100

65 32.9 23.8 35.6



#46

Dibromomethane

Concen: 20.345 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

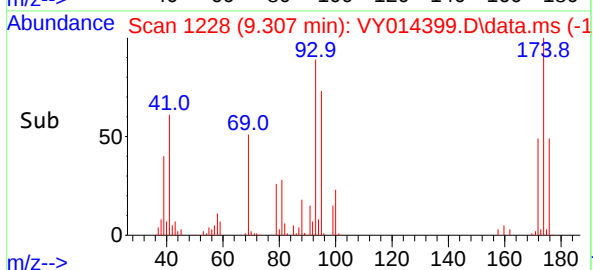
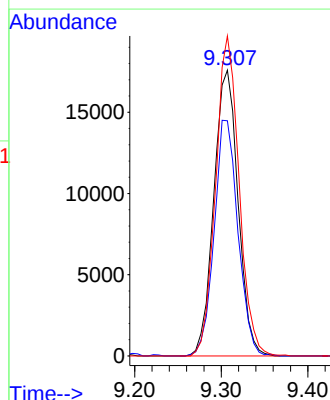
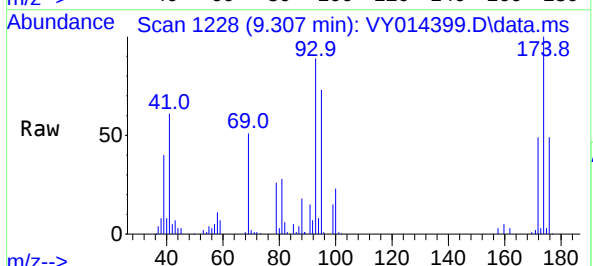
Tgt Ion: 93 Resp: 34185

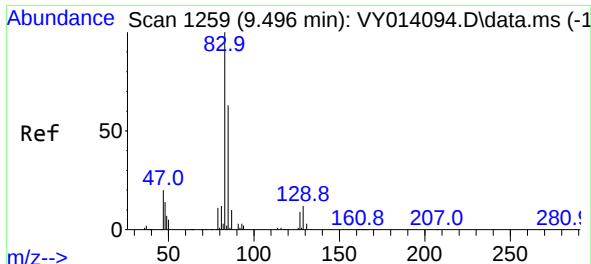
Ion Ratio Lower Upper

93 100

95 81.0 66.6 100.0

174 108.5 84.8 127.2

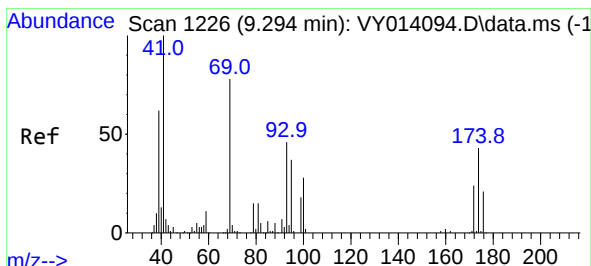
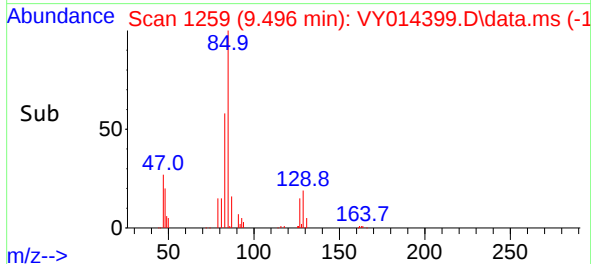
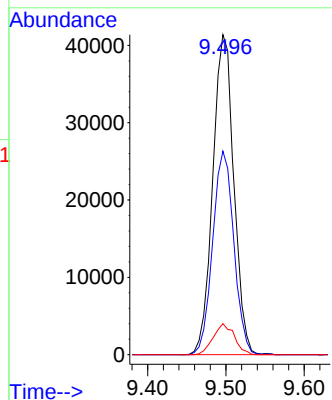
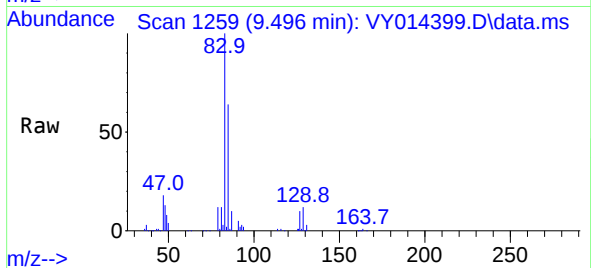




#47
Bromodichloromethane
Concen: 19.747 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

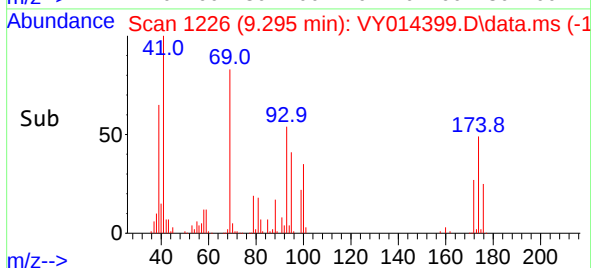
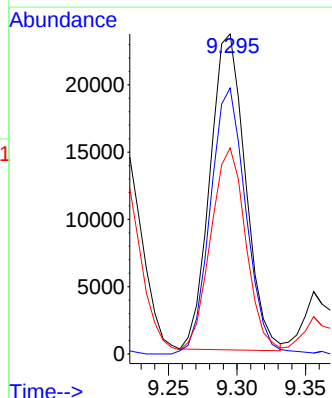
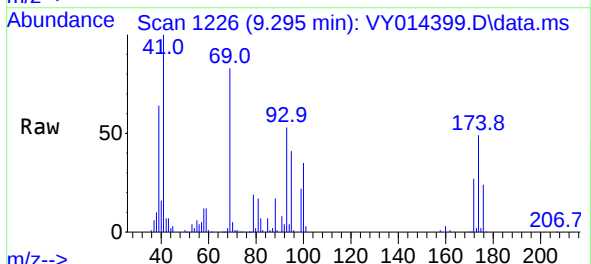
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

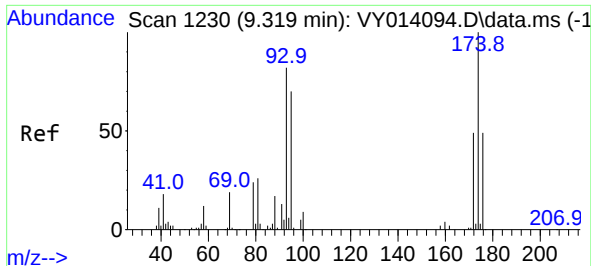
Tgt Ion: 83 Resp: 77336
Ion Ratio Lower Upper
83 100
85 63.6 50.1 75.1
127 9.7 7.1 10.7



#48
Methyl methacrylate
Concen: 20.229 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.001 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion: 41 Resp: 42096
Ion Ratio Lower Upper
41 100
69 84.8 64.5 96.7
39 66.0 50.8 76.2

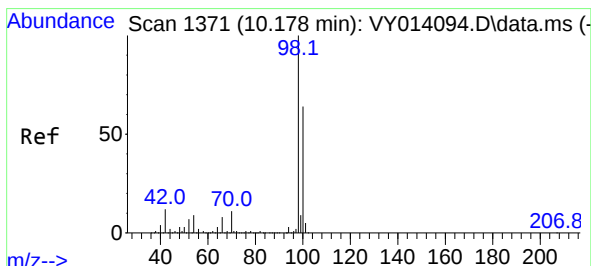
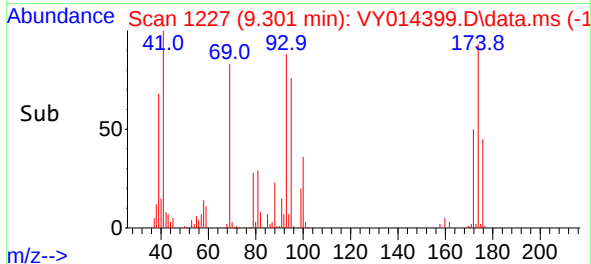
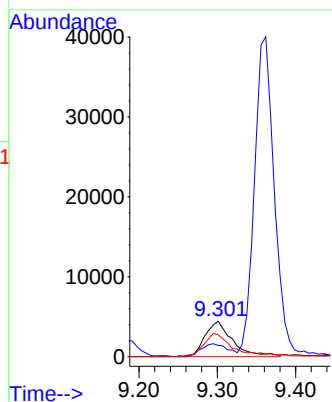
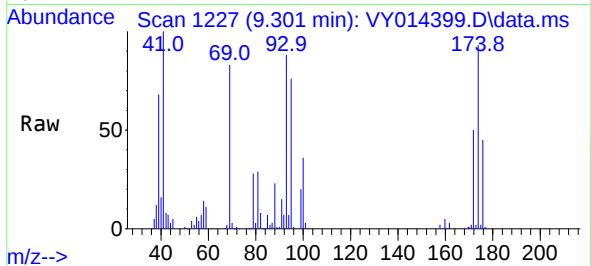




#49
1,4-Dioxane
Concen: 412.407 ug/l
RT: 9.301 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

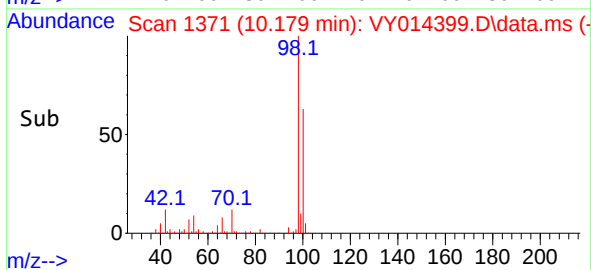
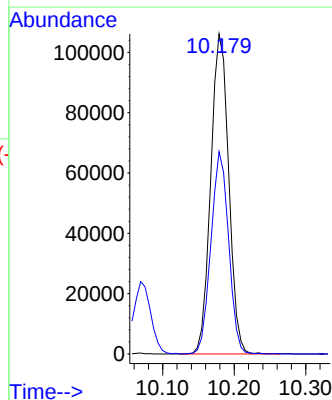
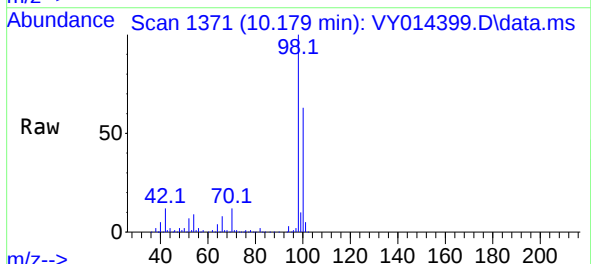
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

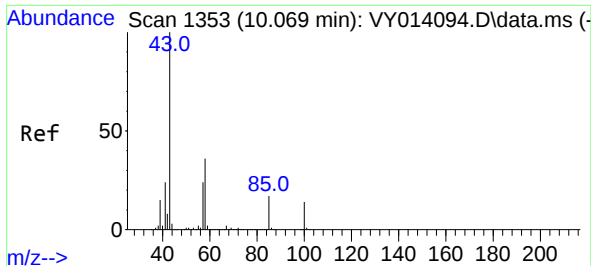
Tgt Ion: 88 Resp: 10835
Ion Ratio Lower Upper
88 100
43 36.1 0.0 0.0#
58 71.2 30.9 46.3#



#50
Toluene-d8
Concen: 19.467 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion: 98 Resp: 184892
Ion Ratio Lower Upper
98 100
100 62.2 50.1 75.1

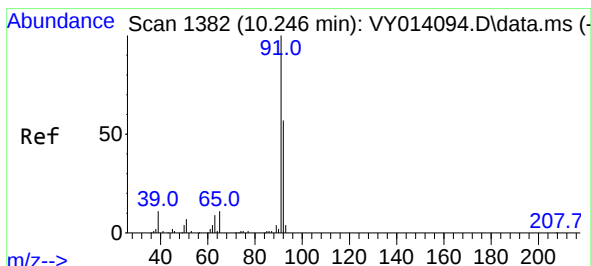
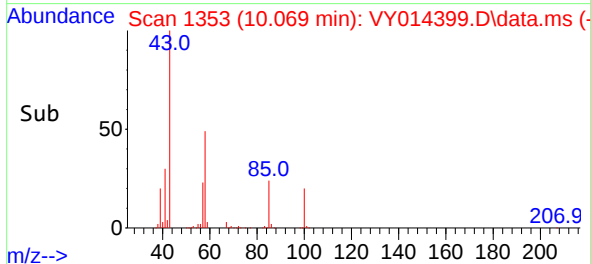
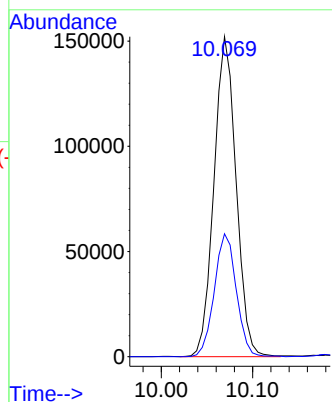
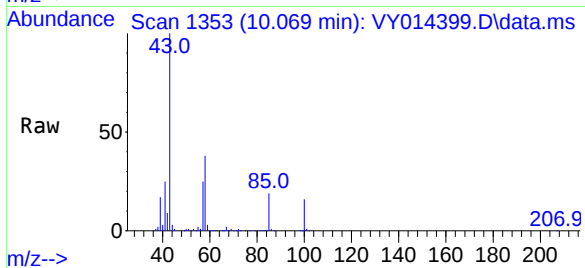




#51
4-Methyl-2-Pentanone
Concen: 101.283 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

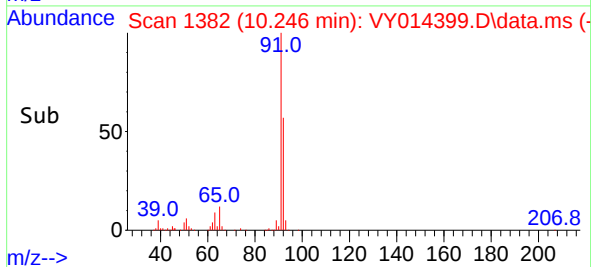
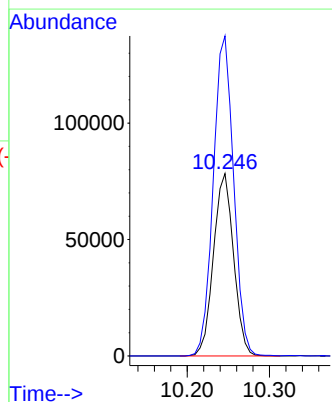
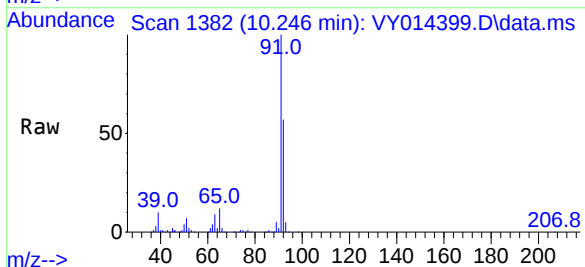
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

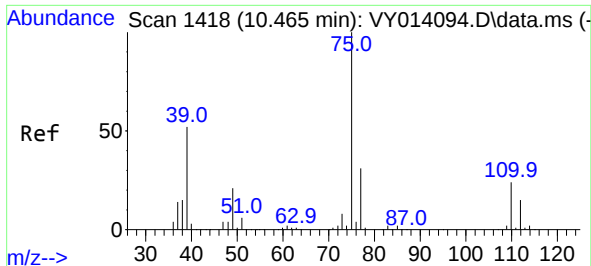
Tgt Ion: 43 Resp: 256118
Ion Ratio Lower Upper
43 100
58 38.2 29.0 43.6



#52
Toluene
Concen: 19.846 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion: 92 Resp: 133163
Ion Ratio Lower Upper
92 100
91 177.6 143.8 215.6

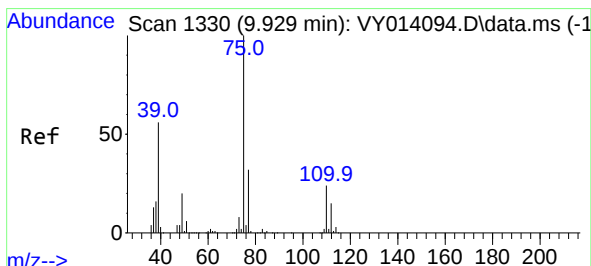
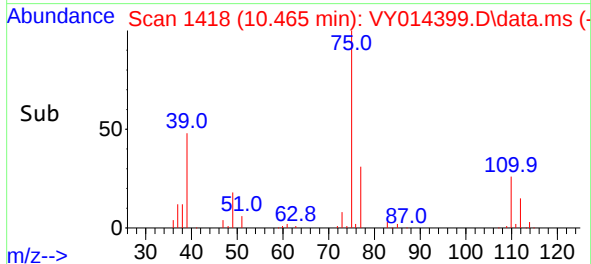
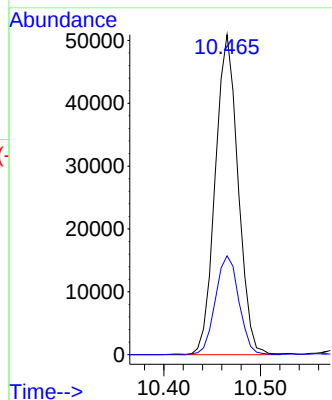
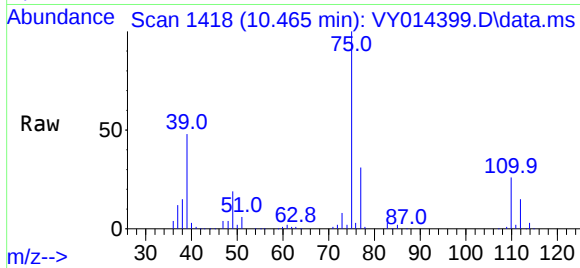




#53
t-1,3-Dichloropropene
Concen: 19.657 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

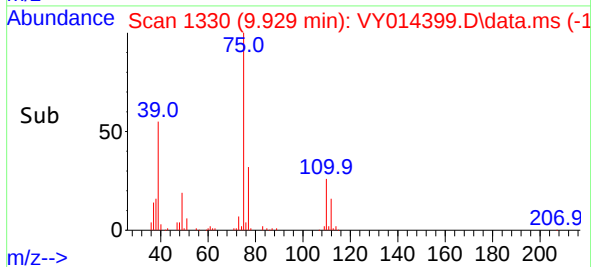
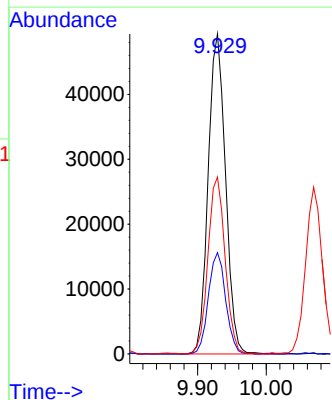
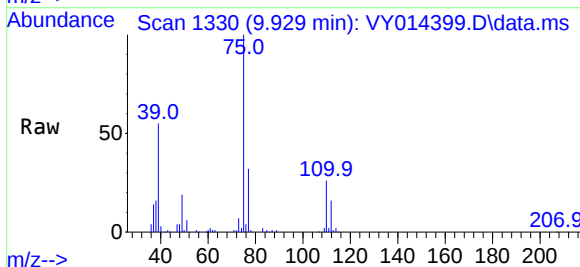
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

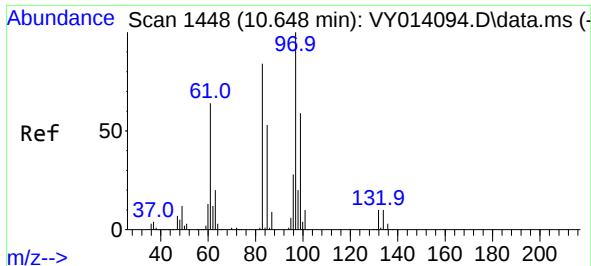
Tgt Ion: 75 Resp: 83461
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 19.775 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion: 75 Resp: 86604
Ion Ratio Lower Upper
75 100
77 31.6 24.2 36.4
39 55.2 42.2 63.4

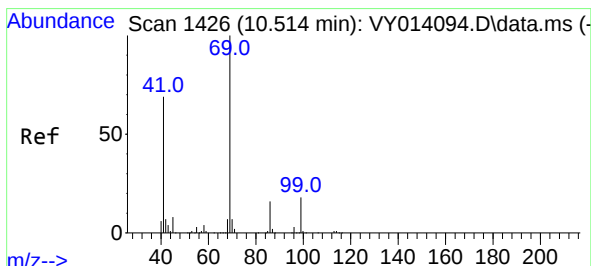
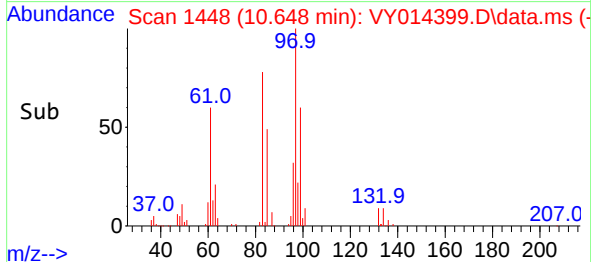
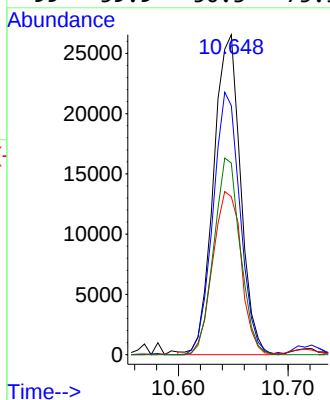
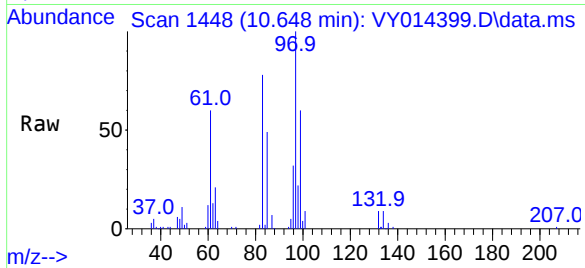




#55
1,1,2-Trichloroethane
Concen: 20.199 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

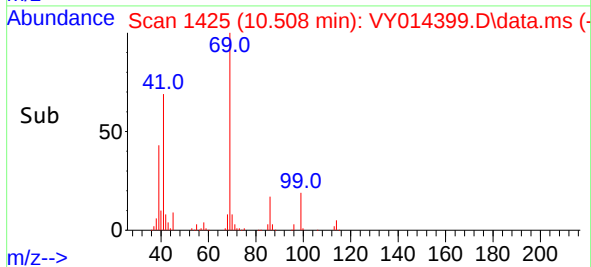
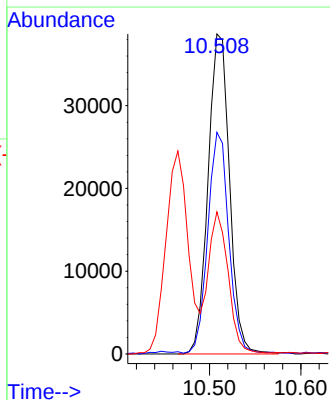
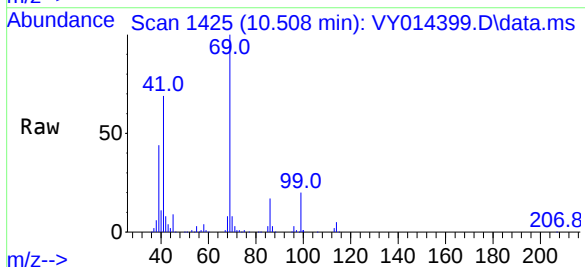
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

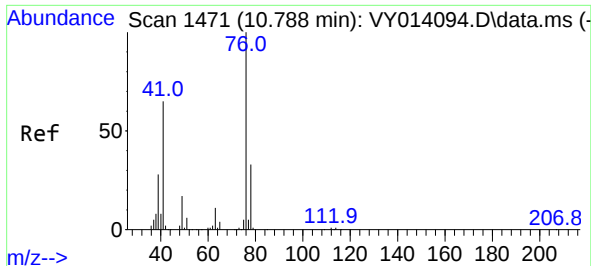
Tgt Ion:	97	Resp:	45448
Ion	Ratio	Lower	Upper
97	100		
83	77.9	72.0	108.0
85	49.4	45.4	68.0
99	59.9	50.3	75.5



#56
Ethyl methacrylate
Concen: 19.613 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion:	69	Resp:	63022
Ion	Ratio	Lower	Upper
69	100		
41	67.2	57.6	86.4
39	40.3	34.1	51.1





#57

1,3-Dichloropropane

Concen: 20.064 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

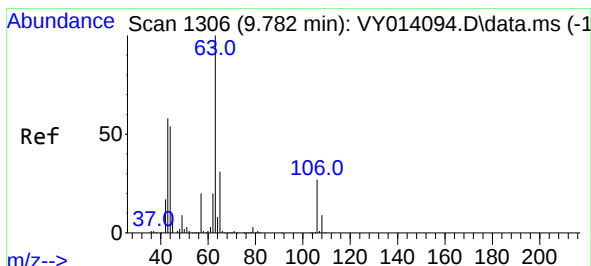
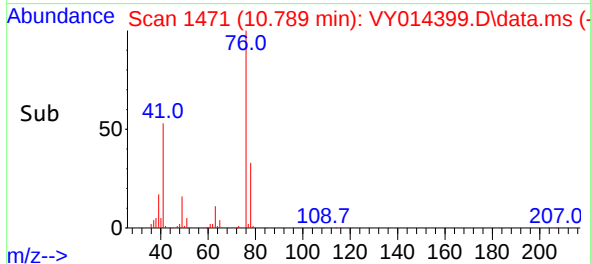
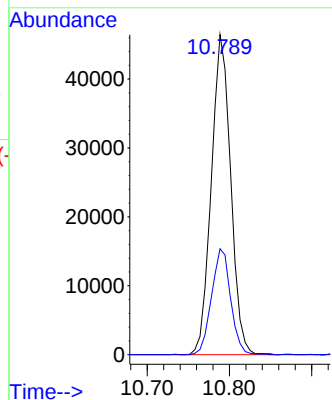
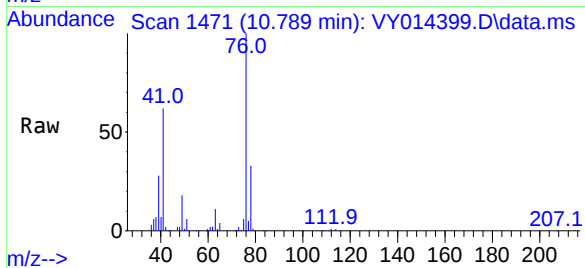
VSTDICC020

Tgt Ion: 76 Resp: 75933

Ion Ratio Lower Upper

76 100

78 32.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 105.248 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY014399.D

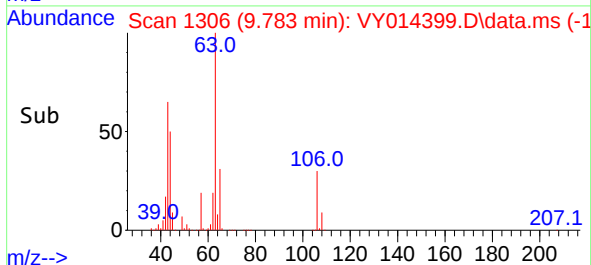
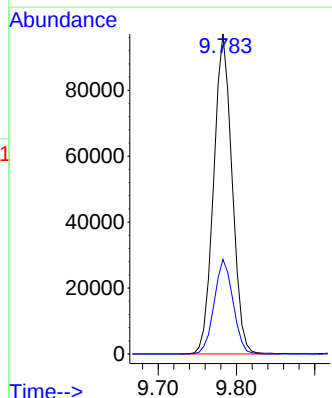
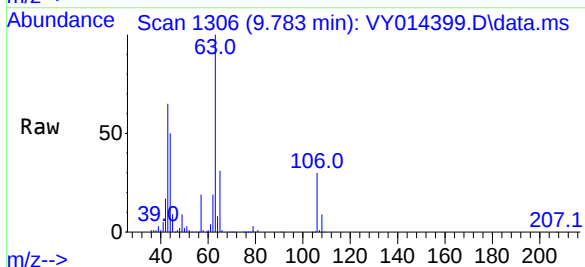
Acq: 23 Jun 2023 11:05

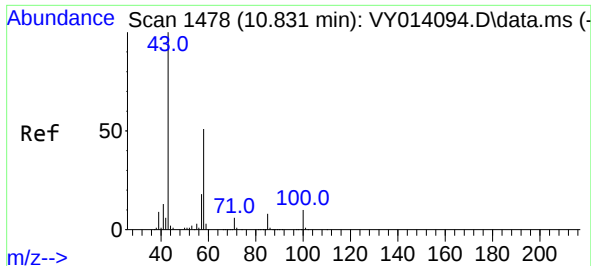
Tgt Ion: 63 Resp: 158416

Ion Ratio Lower Upper

63 100

106 30.2 21.2 31.8

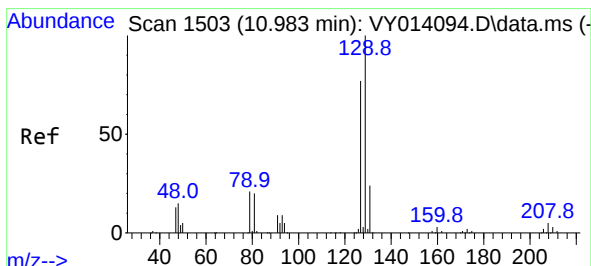
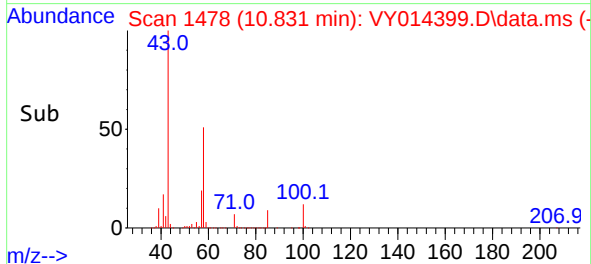
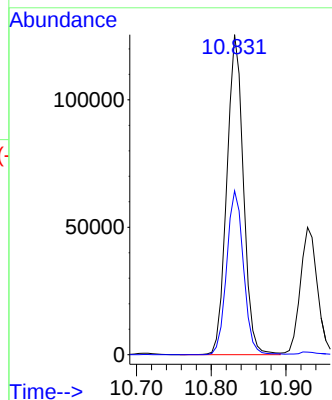
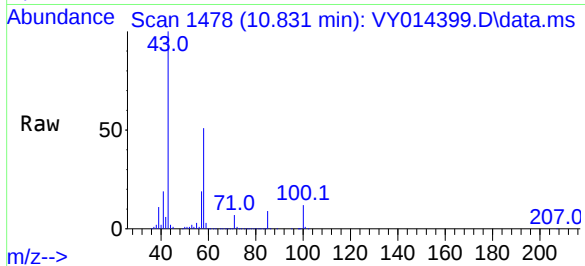




#59
2-Hexanone
Concen: 101.913 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

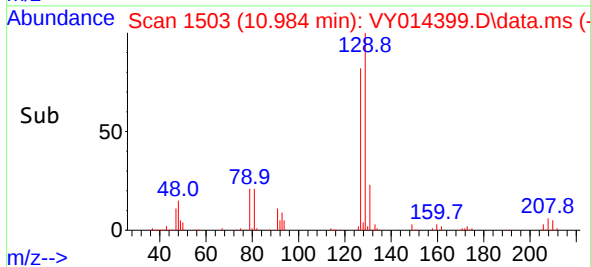
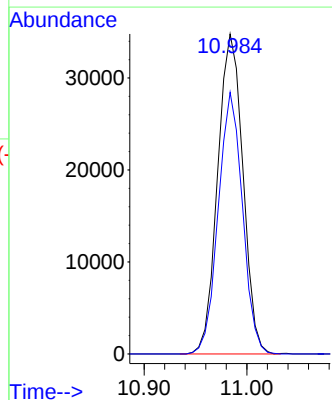
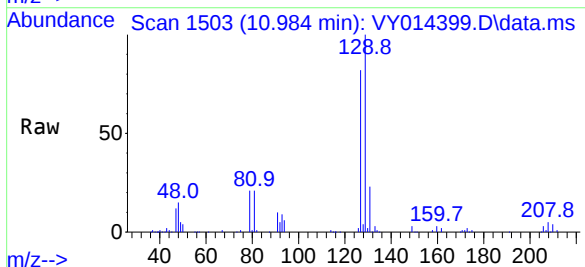
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 194192
Ion Ratio Lower Upper
43 100
58 51.9 25.1 75.3



#60
Dibromochloromethane
Concen: 19.841 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion: 129 Resp: 59219
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5

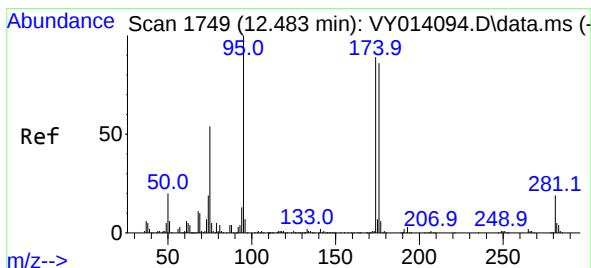
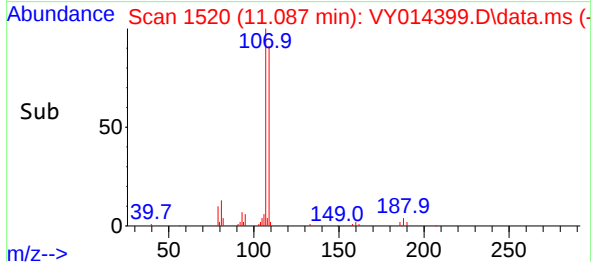
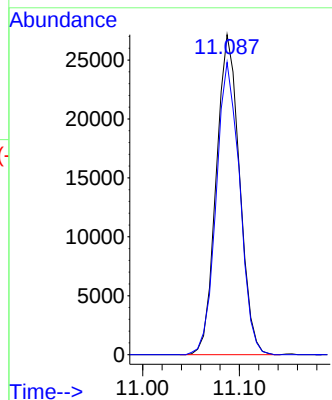
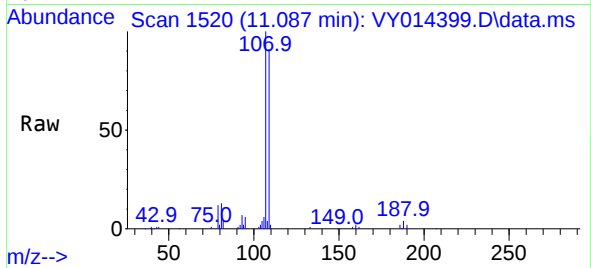




#61
1,2-Dibromoethane
Concen: 20.258 ug/l
RT: 11.087 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

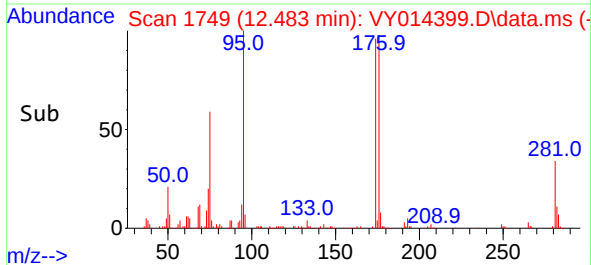
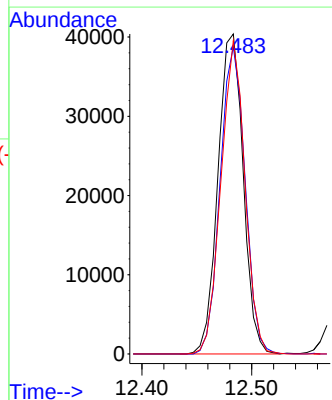
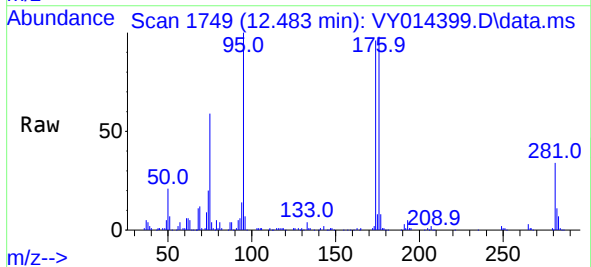
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

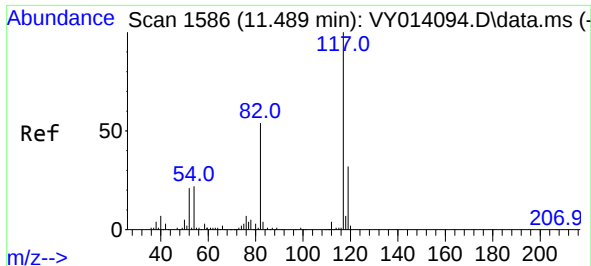
Tgt Ion:107 Resp: 45383
Ion Ratio Lower Upper
107 100
109 92.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 19.037 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion: 95 Resp: 64547
Ion Ratio Lower Upper
95 100
174 94.7 0.0 178.2
176 92.9 0.0 173.8

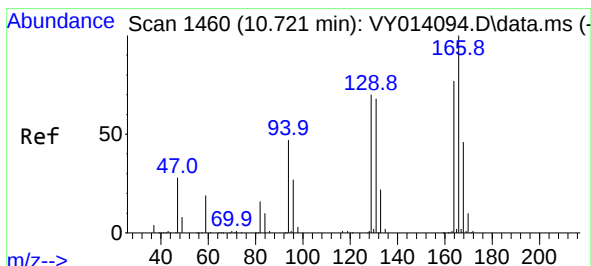
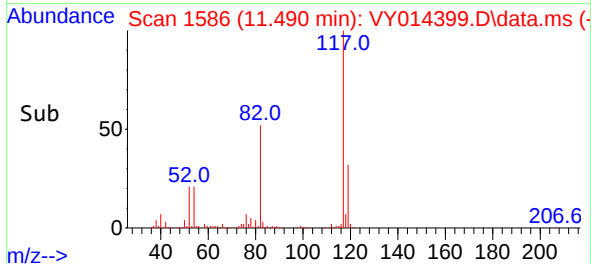
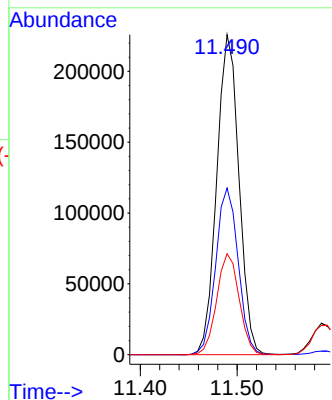
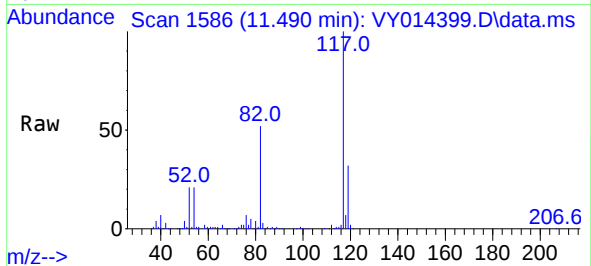




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

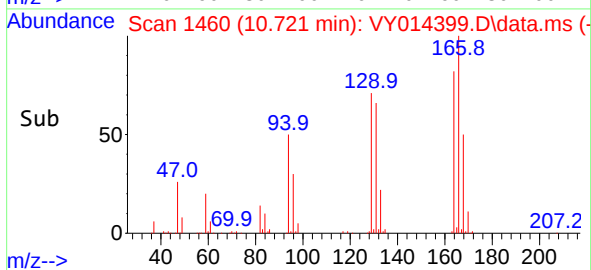
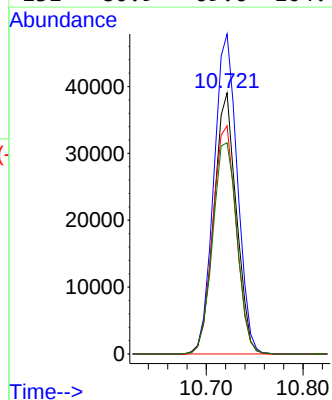
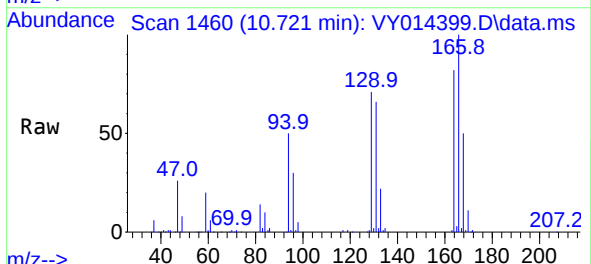
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

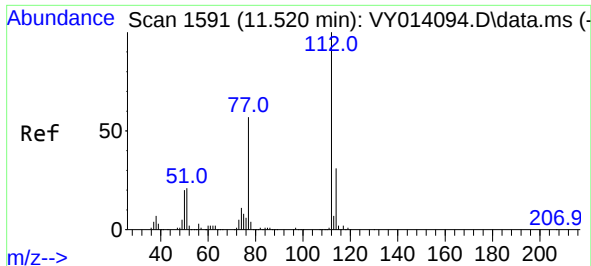
Tgt Ion:117 Resp: 360216
Ion Ratio Lower Upper
117 100
82 52.1 43.4 65.0
119 31.5 26.3 39.5



#64
Tetrachloroethene
Concen: 20.616 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion:164 Resp: 63194
Ion Ratio Lower Upper
164 100
166 122.6 103.0 154.6
129 87.4 77.2 115.8
131 80.9 69.6 104.4

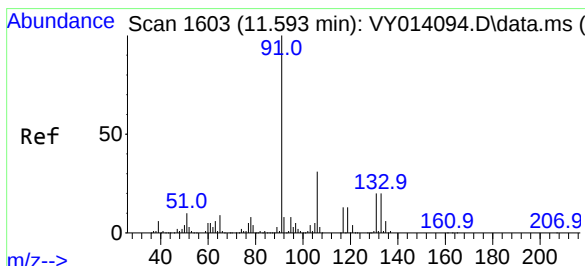
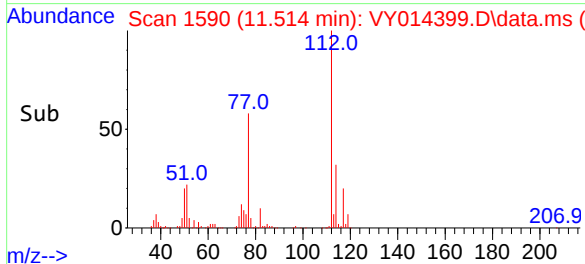
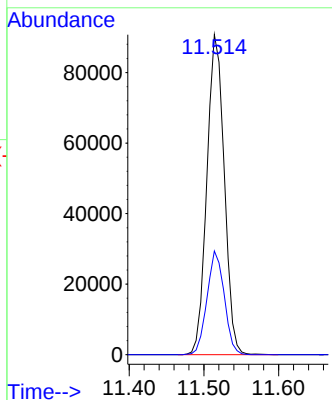
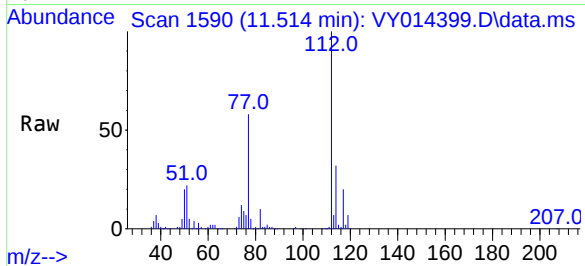




#65
Chlorobenzene
Concen: 19.810 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

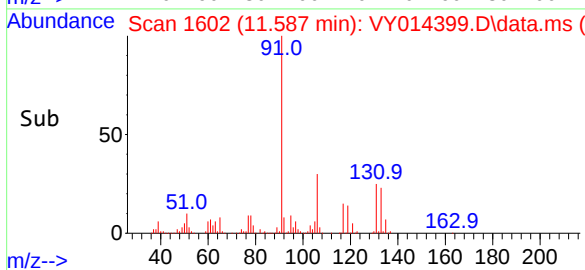
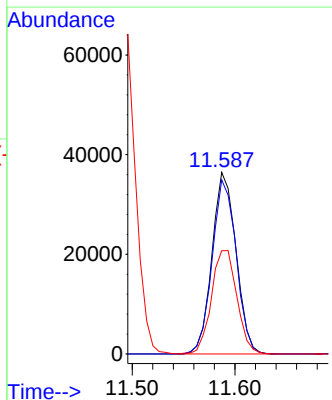
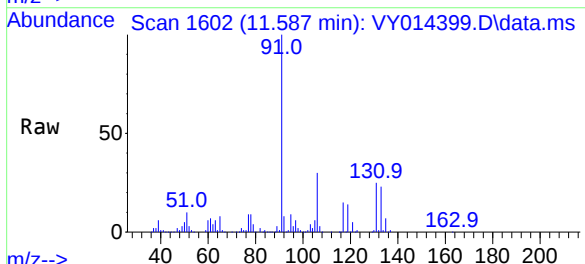
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

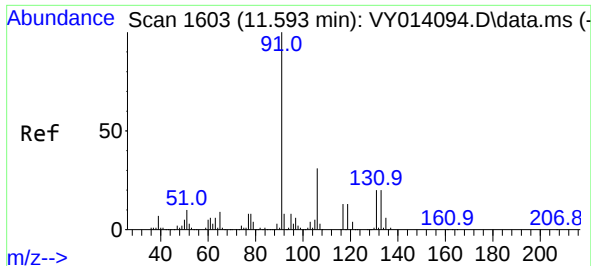
Tgt Ion:112 Resp: 146600
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.847 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion:131 Resp: 59165
Ion Ratio Lower Upper
131 100
133 96.0 47.5 142.6
119 60.4 31.6 94.7





#67

Ethyl Benzene

Concen: 19.770 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

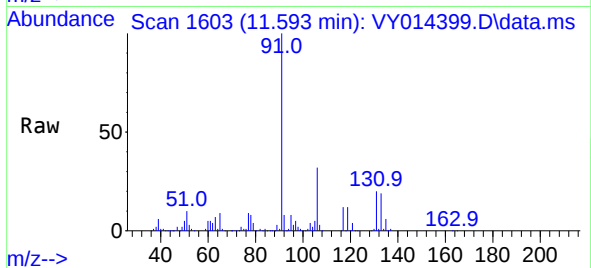
VSTDICC020

Tgt Ion: 91 Resp: 260520

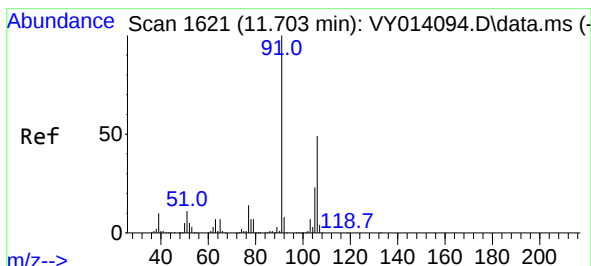
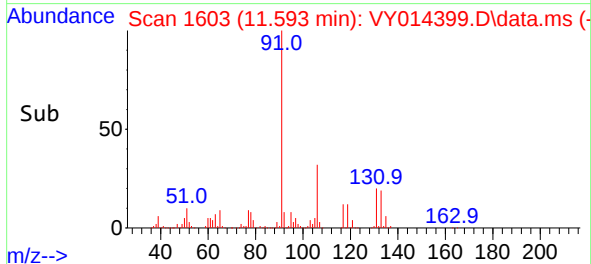
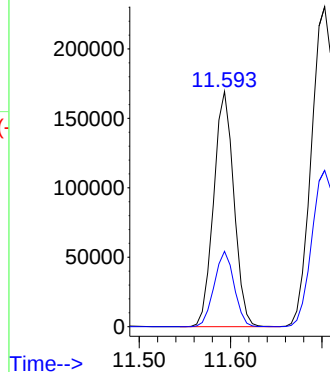
Ion Ratio Lower Upper

91 100

106 32.0 24.6 36.8



Abundance



#68

m/p-Xylenes

Concen: 40.337 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY014399.D

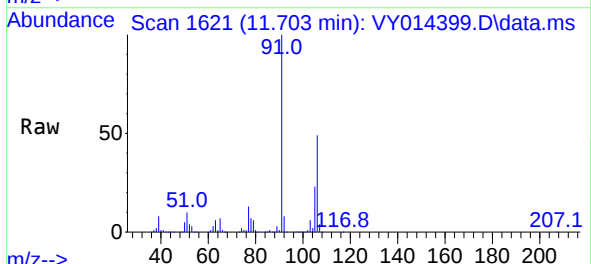
Acq: 23 Jun 2023 11:05

Tgt Ion:106 Resp: 207615

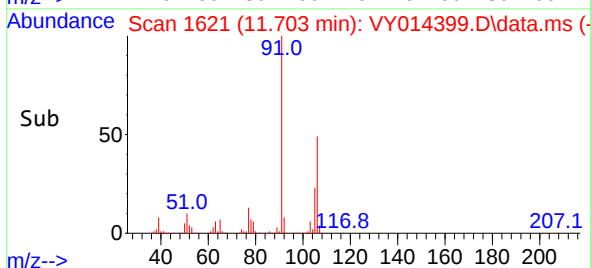
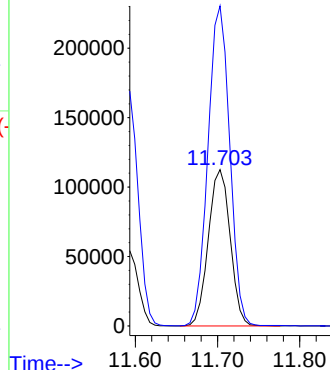
Ion Ratio Lower Upper

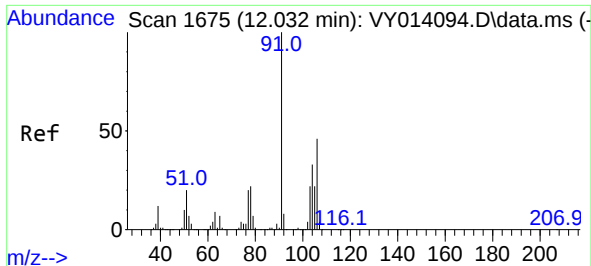
106 100

91 203.9 166.1 249.1



Abundance

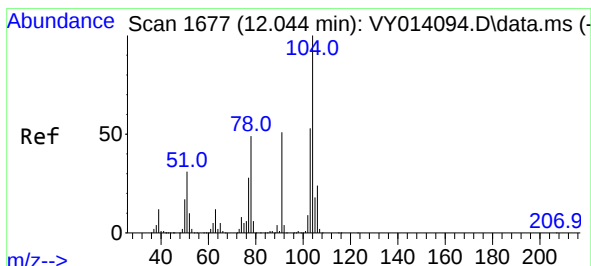
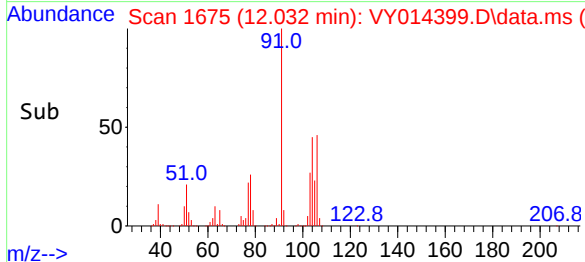
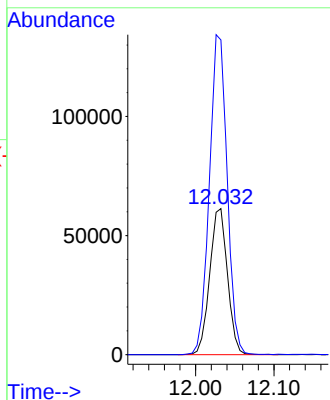
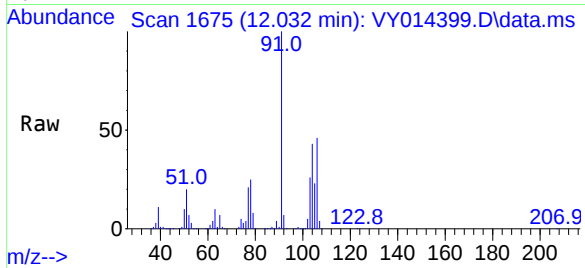




#69
o-Xylene
Concen: 19.697 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

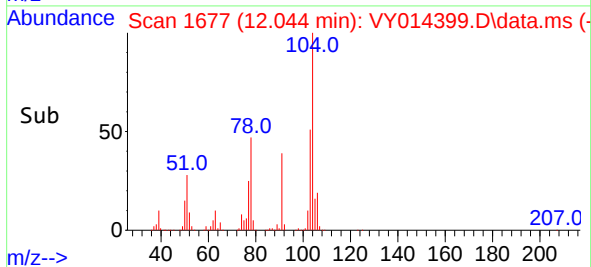
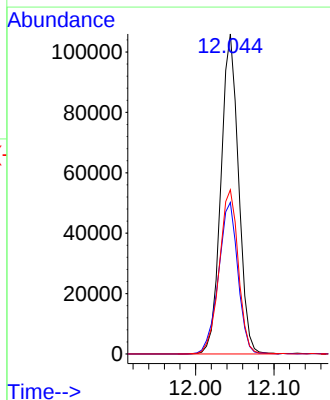
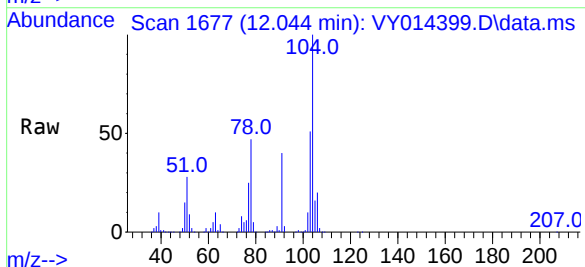
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

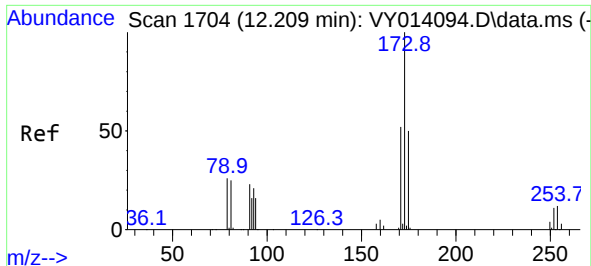
Tgt Ion:106 Resp: 96469
Ion Ratio Lower Upper
106 100
91 219.2 108.1 324.3



#70
Styrene
Concen: 19.787 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion:104 Resp: 166090
Ion Ratio Lower Upper
104 100
78 52.1 41.5 62.3
103 55.4 44.6 67.0

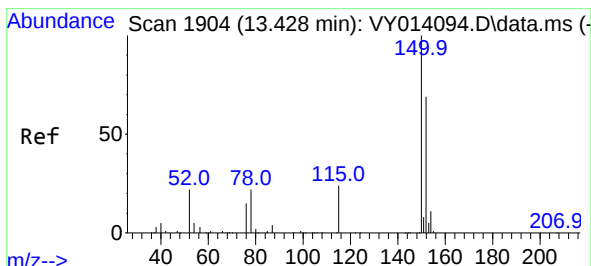
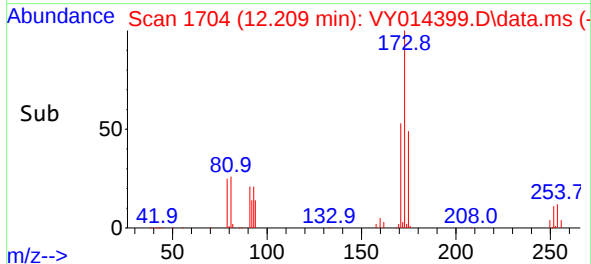
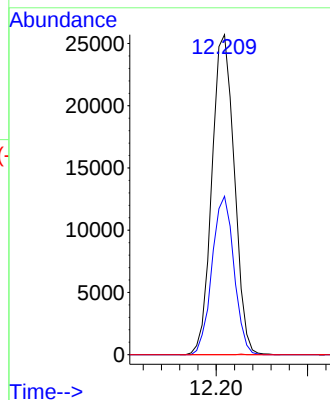
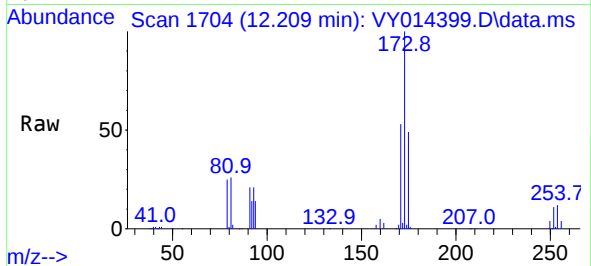




#71
Bromoform
Concen: 19.848 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

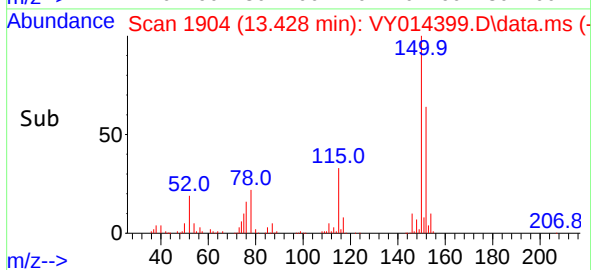
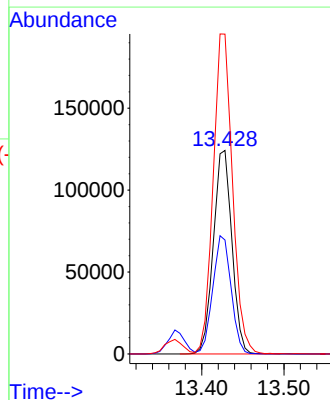
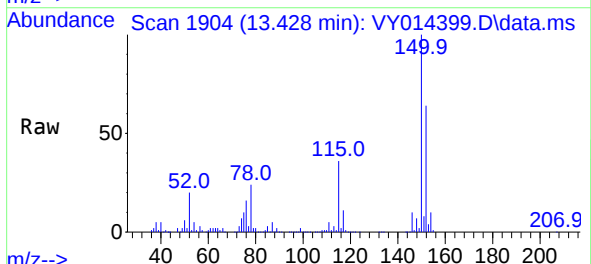
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

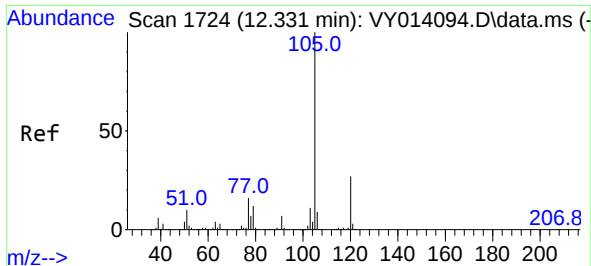
Tgt Ion:173 Resp: 43728
Ion Ratio Lower Upper
173 100
175 48.5 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion:152 Resp: 194802
Ion Ratio Lower Upper
152 100
115 57.4 28.8 86.5
150 163.8 0.0 348.8

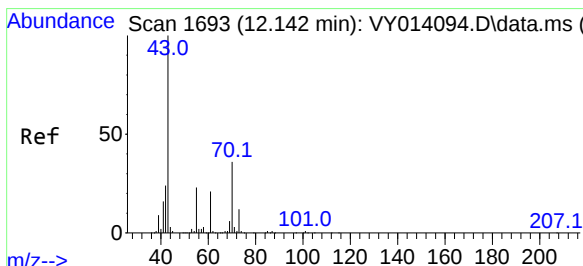
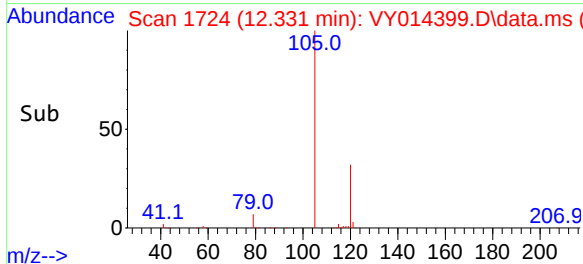
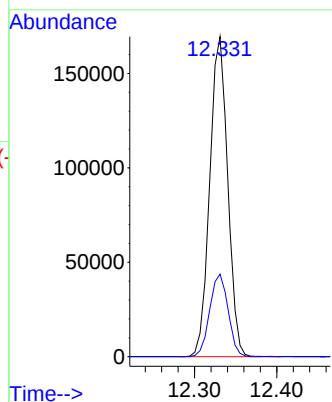
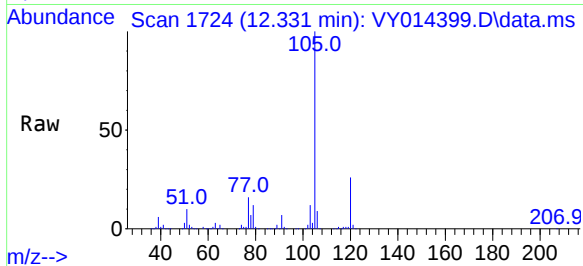




#73
Isopropylbenzene
Concen: 19.584 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

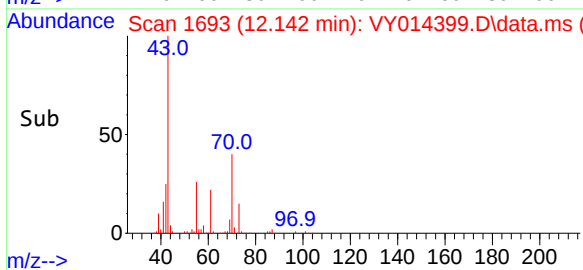
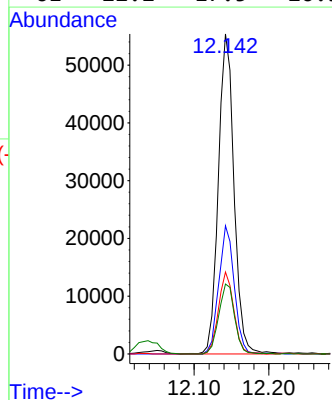
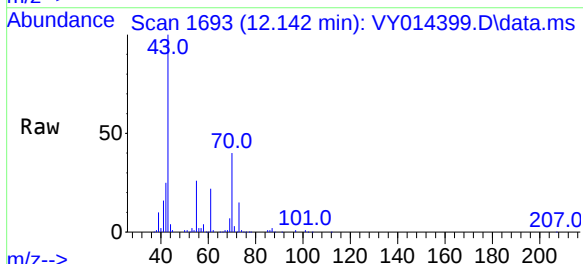
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

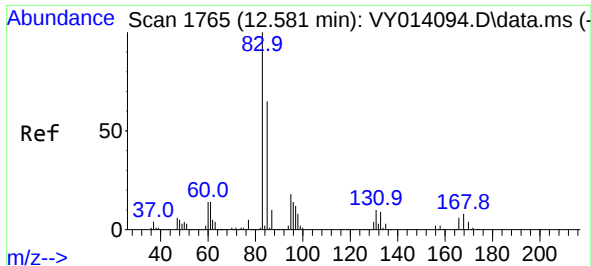
Tgt Ion:105 Resp: 256881
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9



#74
N-ethyl acetate
Concen: 19.476 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion: 43 Resp: 80906
Ion Ratio Lower Upper
43 100
70 39.7 29.7 44.5
55 25.0 18.3 27.5
61 22.2 17.5 26.3

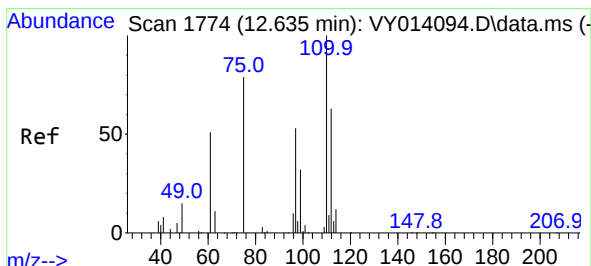
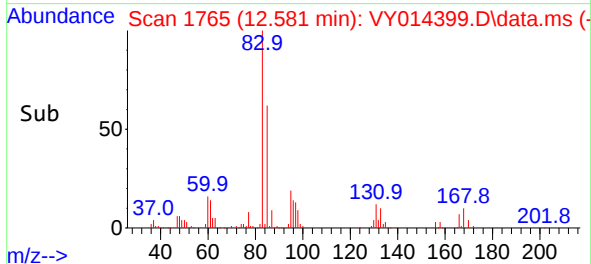
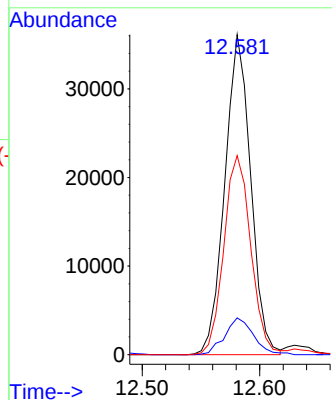
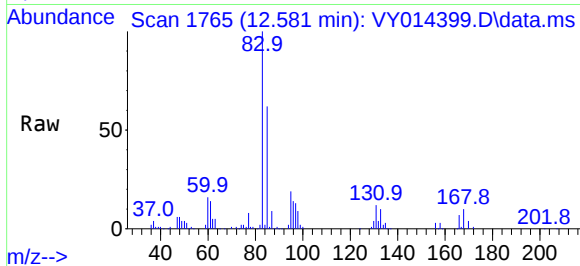




#75
1,1,2,2-Tetrachloroethane
Concen: 19.720 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

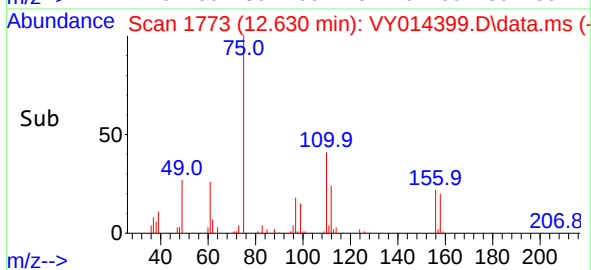
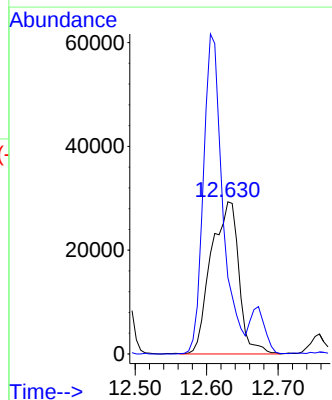
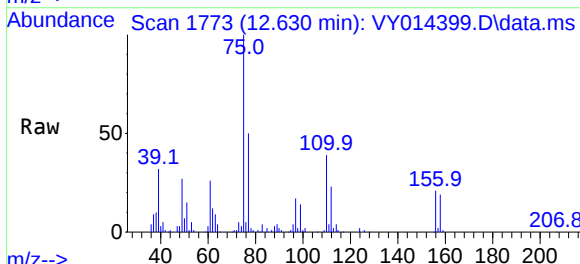
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

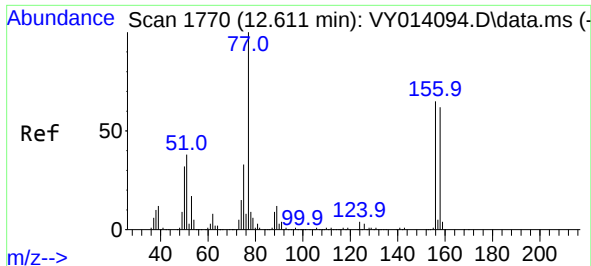
Tgt Ion: 83 Resp: 55281
Ion Ratio Lower Upper
83 100
131 12.8 5.4 16.2
85 64.8 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 32.476 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.005 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion: 75 Resp: 79359
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

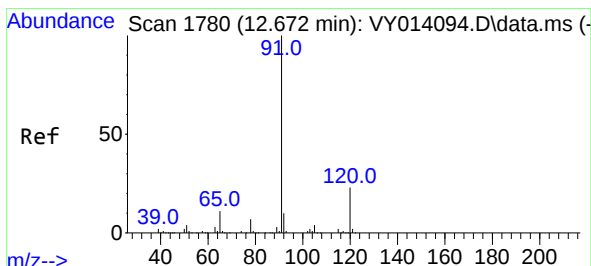
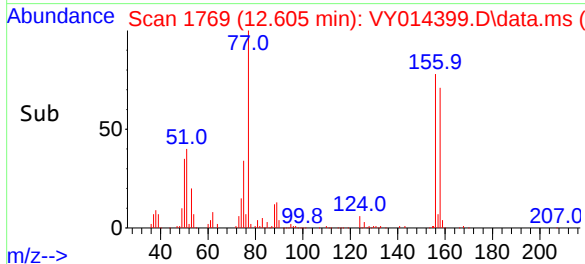
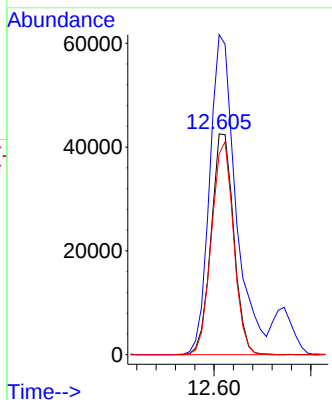
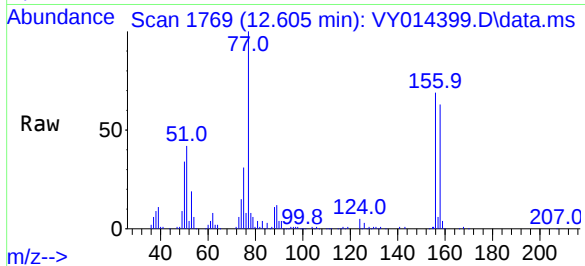




#77
Bromobenzene
Concen: 20.196 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

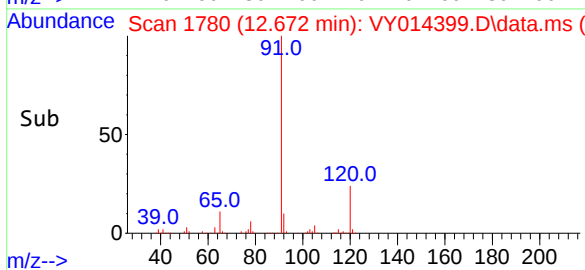
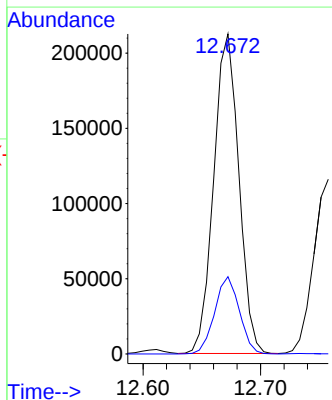
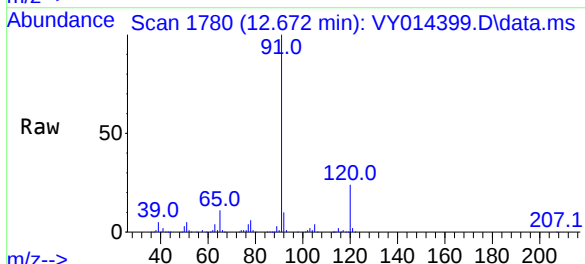
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

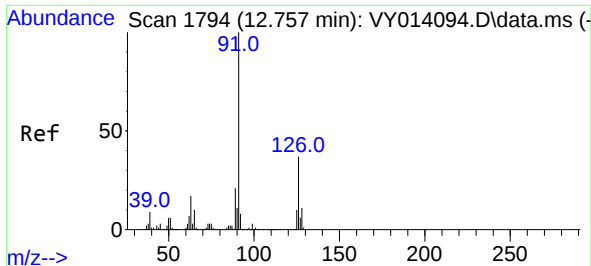
Tgt Ion:156 Resp: 68878
Ion Ratio Lower Upper
156 100
77 168.2 92.8 278.6
158 94.5 48.4 145.3



#78
n-propylbenzene
Concen: 19.966 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion: 91 Resp: 315960
Ion Ratio Lower Upper
91 100
120 23.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.675 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

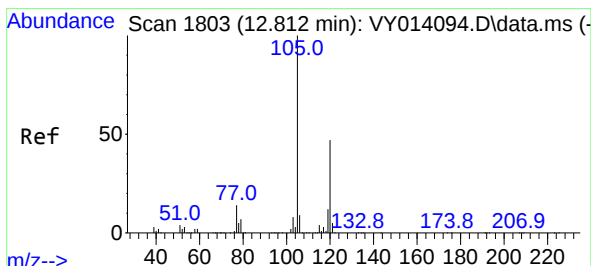
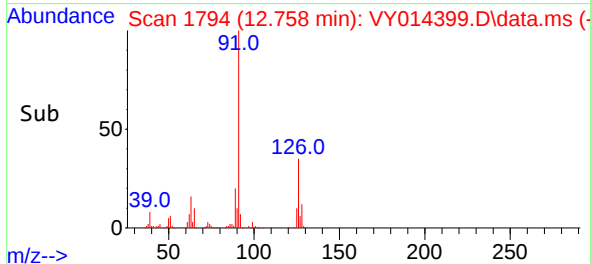
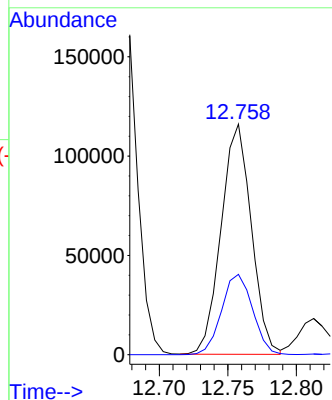
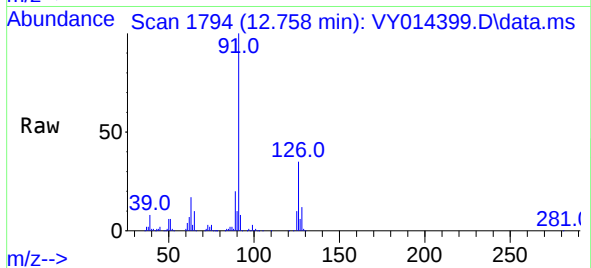
VSTDICC020

Tgt Ion: 91 Resp: 177819

Ion Ratio Lower Upper

91 100

126 35.8 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 20.039 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY014399.D

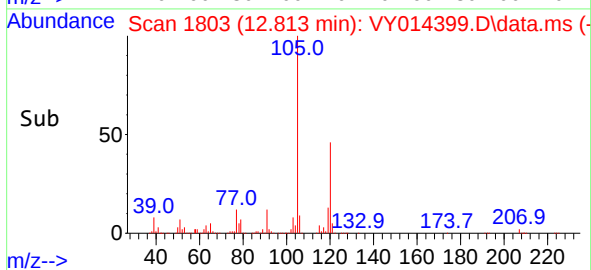
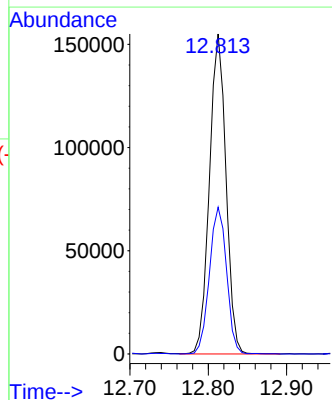
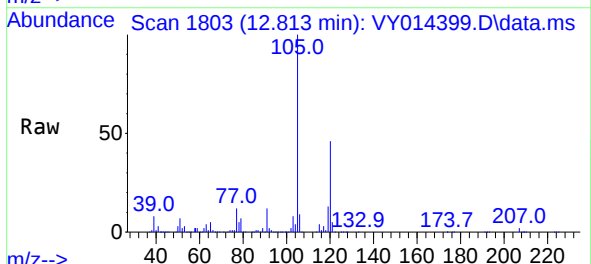
Acq: 23 Jun 2023 11:05

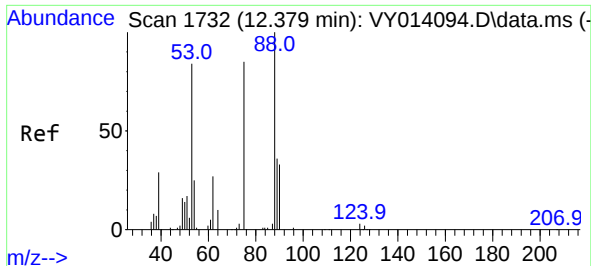
Tgt Ion:105 Resp: 227386

Ion Ratio Lower Upper

105 100

120 47.5 23.9 71.7

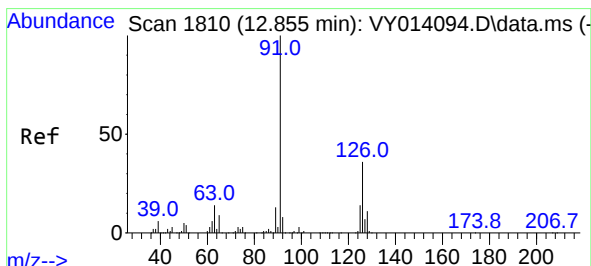
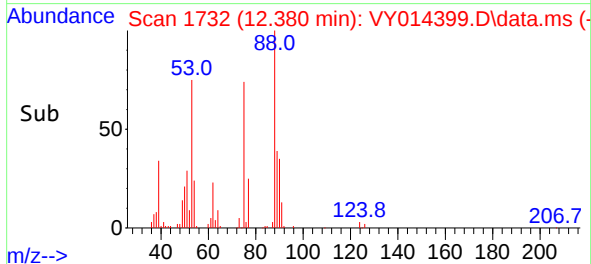
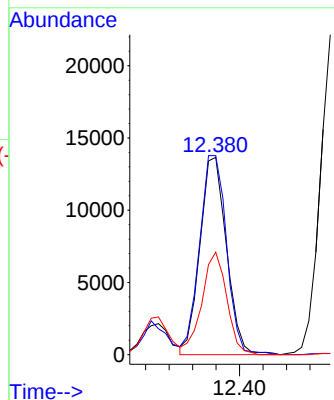
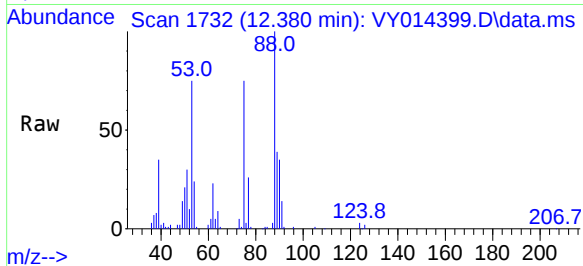




#81
trans-1,4-Dichloro-2-butene
Concen: 20.032 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

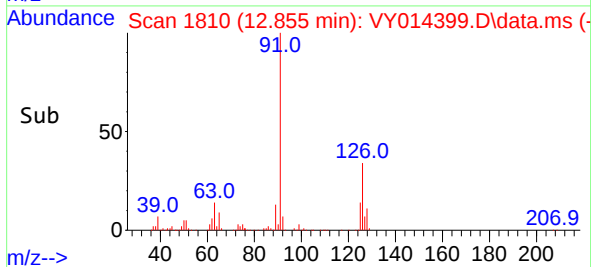
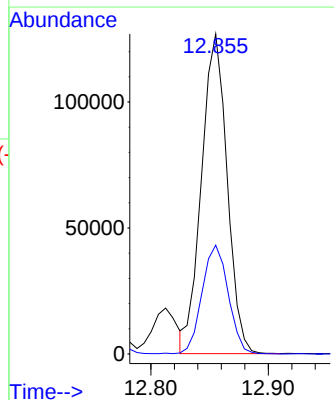
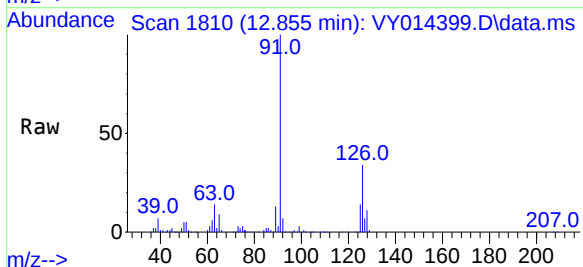
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

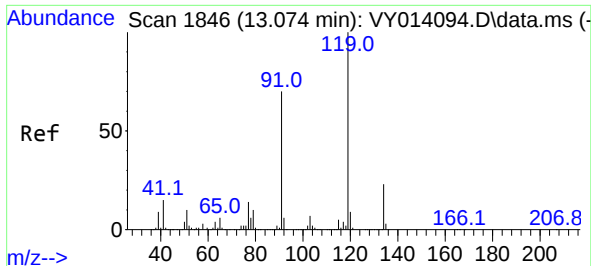
Tgt Ion: 75 Resp: 21501
Ion Ratio Lower Upper
75 100
53 102.3 77.8 116.8
89 48.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.993 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion: 91 Resp: 192489
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6

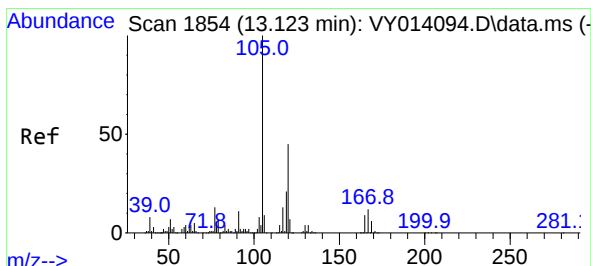
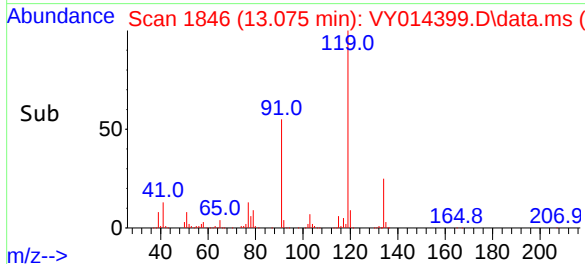
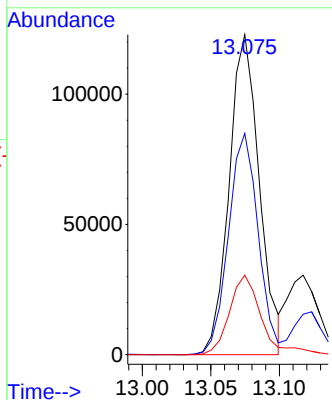
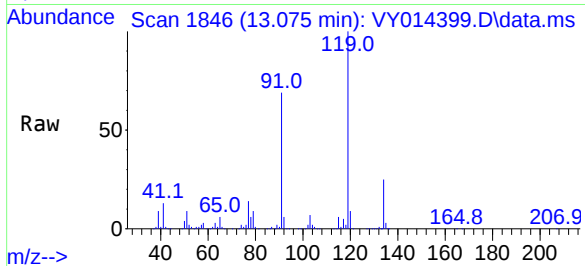




#83
tert-Butylbenzene
Concen: 19.390 ug/l
RT: 13.075 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

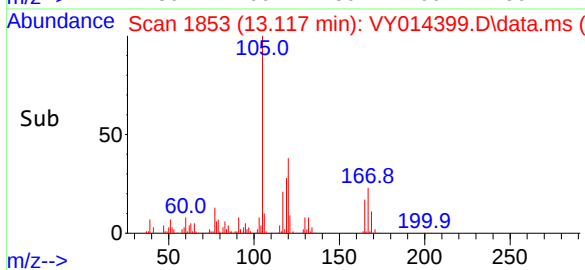
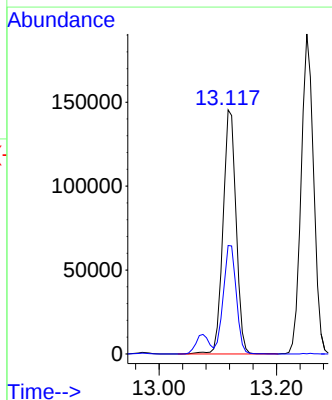
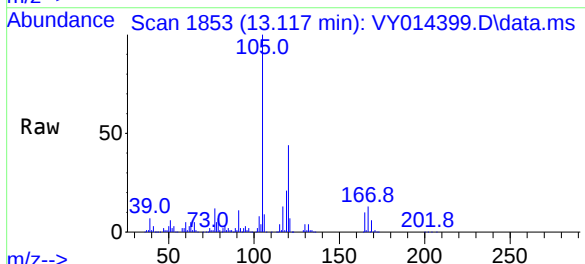
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

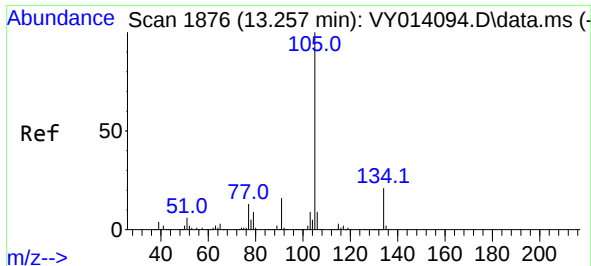
Tgt Ion:119 Resp: 188618
Ion Ratio Lower Upper
119 100
91 67.9 32.9 98.6
134 26.2 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 19.961 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion:105 Resp: 224441
Ion Ratio Lower Upper
105 100
120 44.1 22.2 66.6

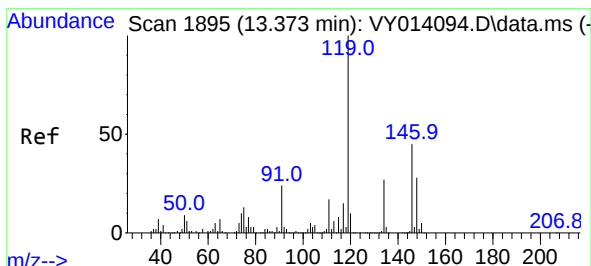
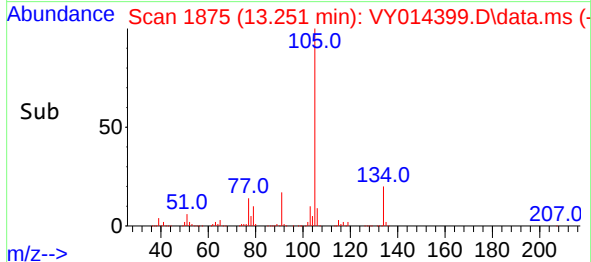
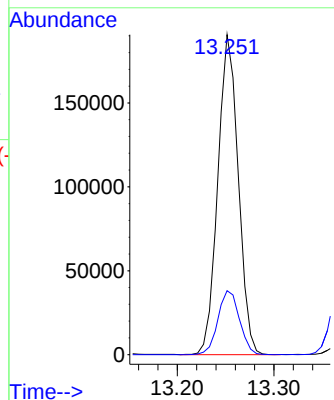
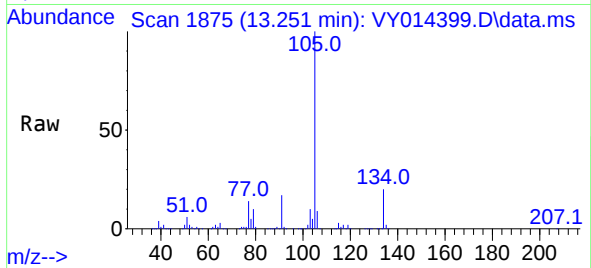




#85
sec-Butylbenzene
Concen: 19.883 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

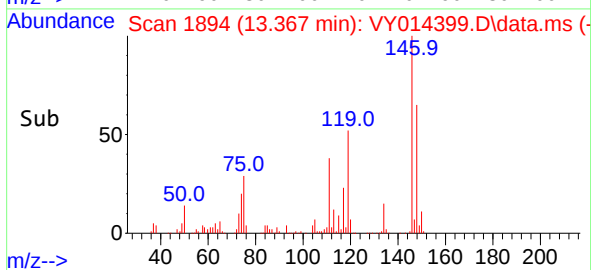
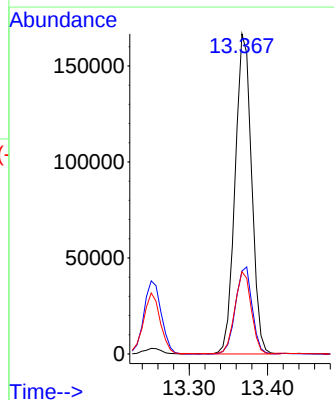
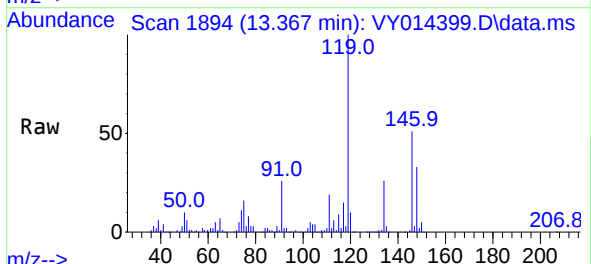
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

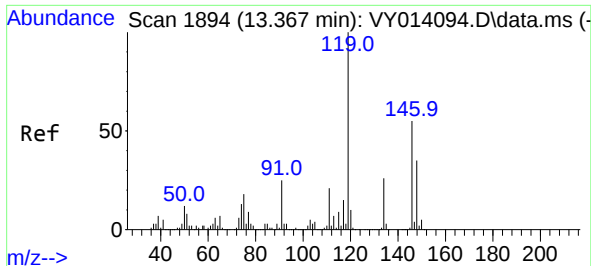
Tgt Ion:105 Resp: 279700
Ion Ratio Lower Upper
105 100
134 21.1 10.2 30.6



#86
p-Isopropyltoluene
Concen: 19.978 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion:119 Resp: 243321
Ion Ratio Lower Upper
119 100
134 27.3 13.3 39.8
91 25.5 12.4 37.4

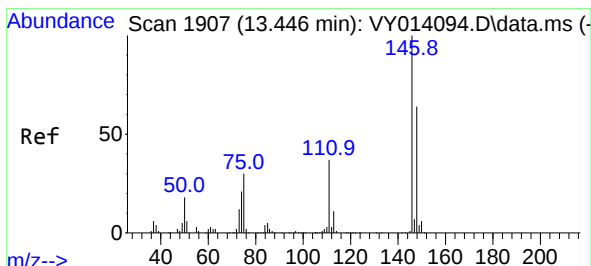
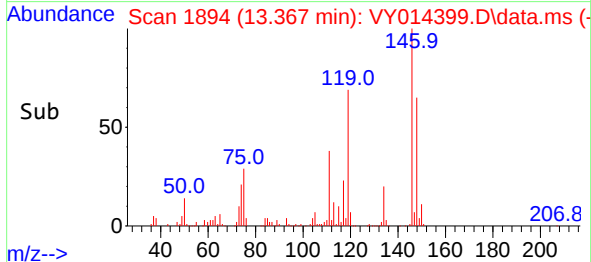
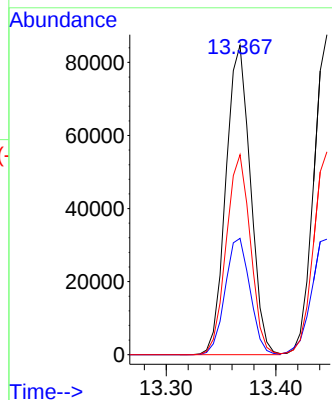
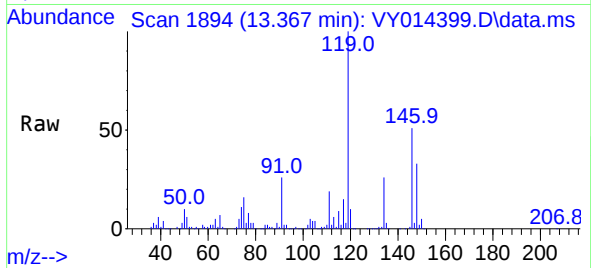




#87
1,3-Dichlorobenzene
Concen: 20.012 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

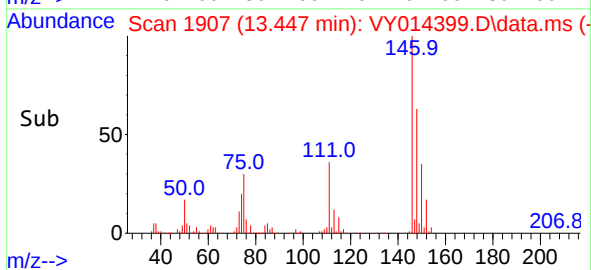
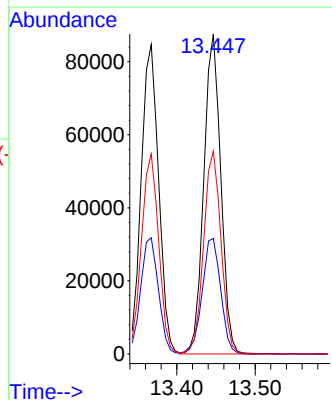
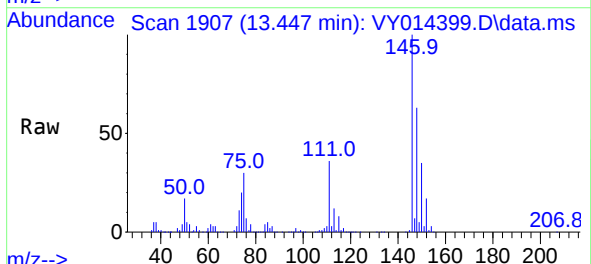
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

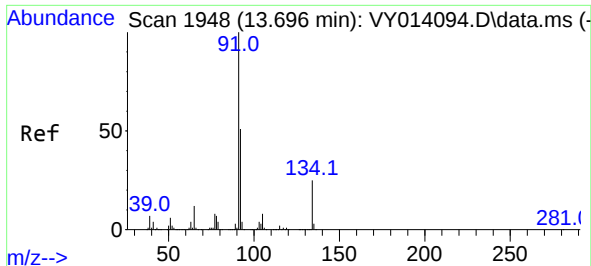
Tgt Ion:146 Resp: 131643
Ion Ratio Lower Upper
146 100
111 38.2 19.4 58.2
148 63.8 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 19.936 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion:146 Resp: 131845
Ion Ratio Lower Upper
146 100
111 39.5 18.9 56.7
148 64.8 32.1 96.5

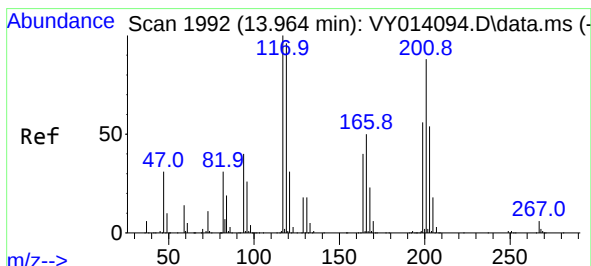
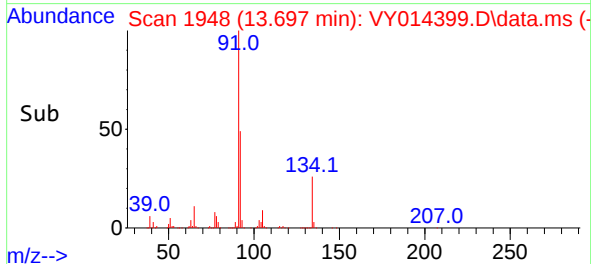
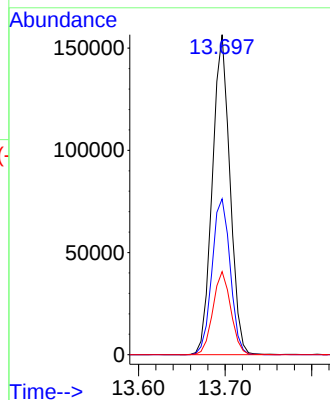
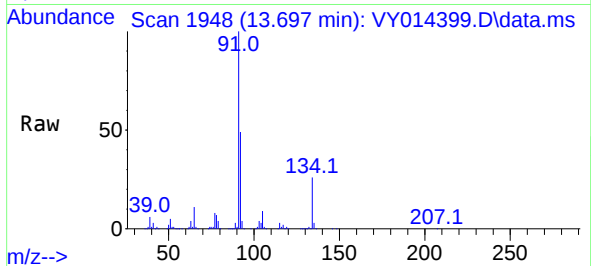




#89
n-Butylbenzene
Concen: 19.880 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.001 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

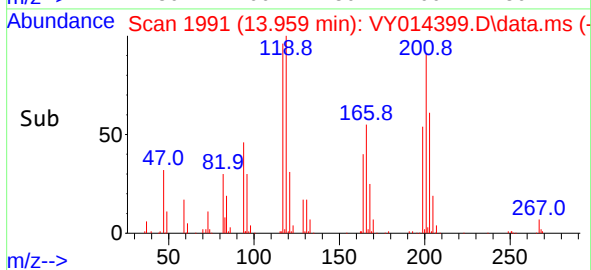
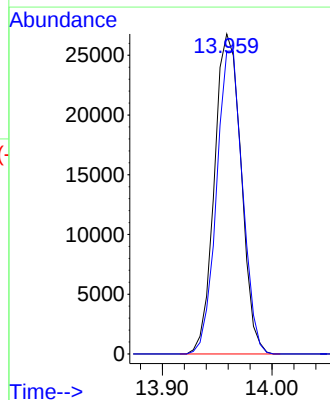
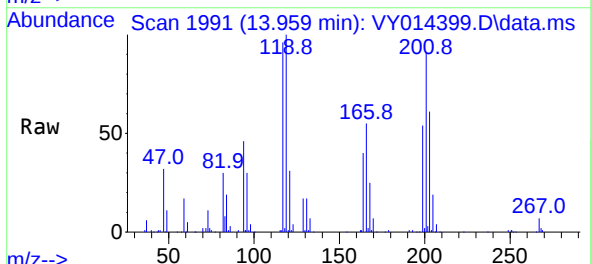
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

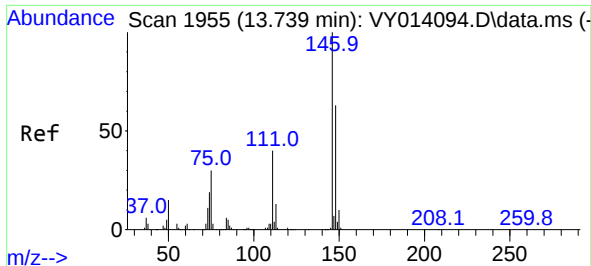
Tgt Ion: 91 Resp: 221236
Ion Ratio Lower Upper
91 100
92 50.4 25.4 76.0
134 26.5 12.6 37.6



#90
Hexachloroethane
Concen: 19.567 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.005 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion: 117 Resp: 45337
Ion Ratio Lower Upper
117 100
201 92.2 41.6 124.8

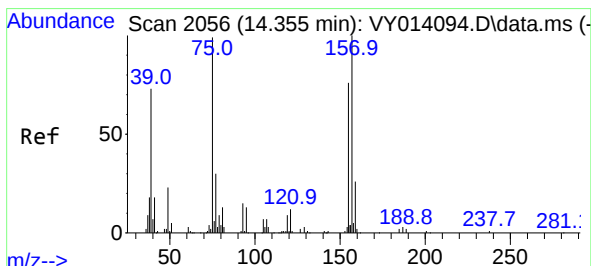
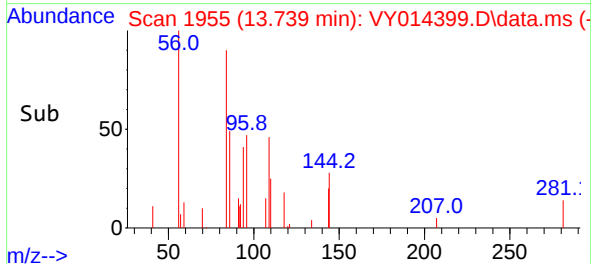
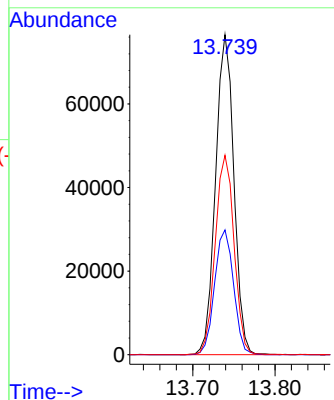
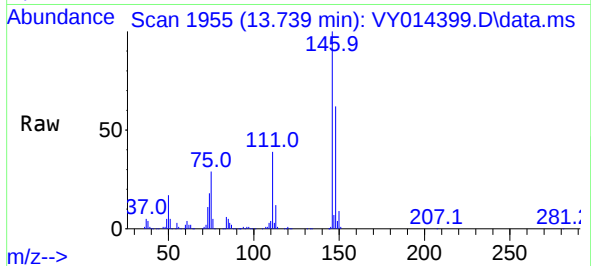




#91
1,2-Dichlorobenzene
Concen: 19.757 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

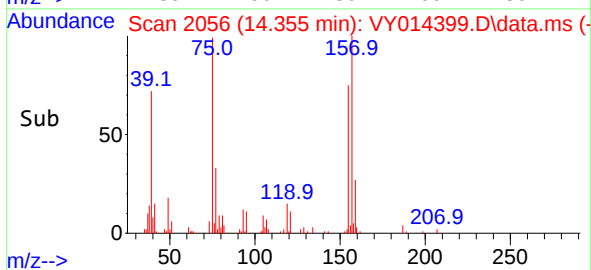
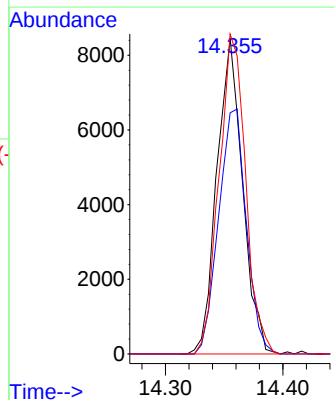
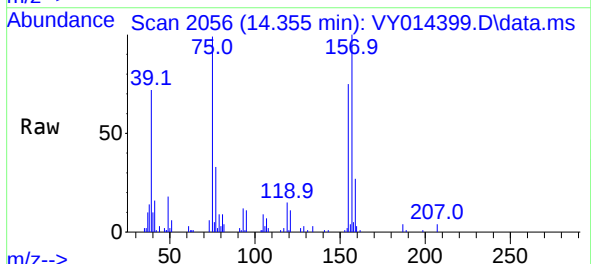
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 118651
Ion Ratio Lower Upper
146 100
111 40.3 19.7 59.0
148 64.2 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.726 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion: 75 Resp: 12841
Ion Ratio Lower Upper
75 100
155 83.7 41.5 124.6
157 104.6 51.8 155.5

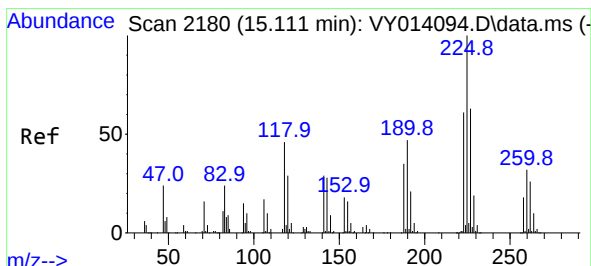
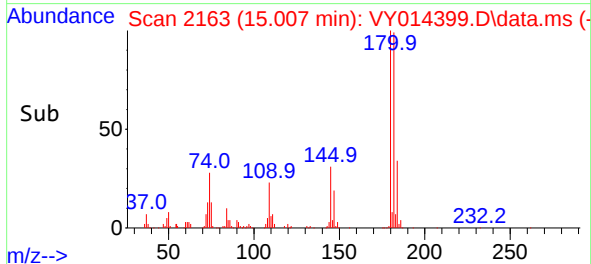
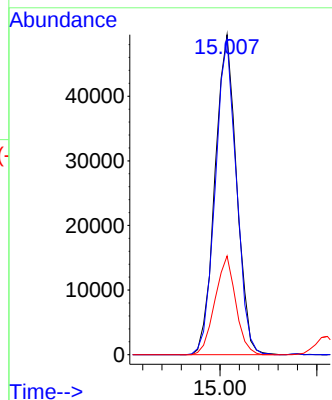
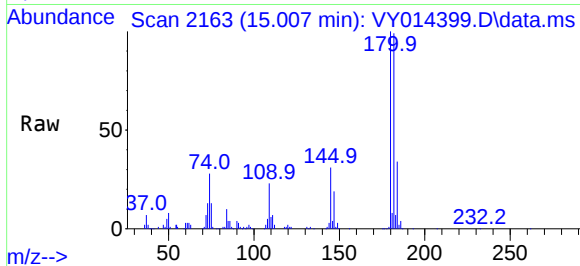




#93
1,2,4-Trichlorobenzene
Concen: 19.671 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

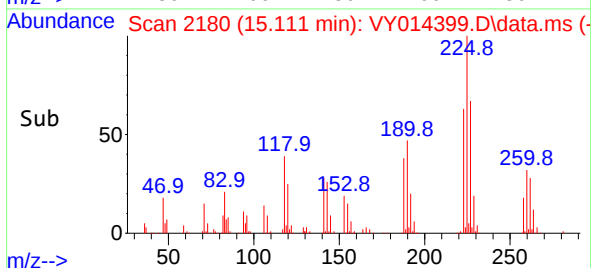
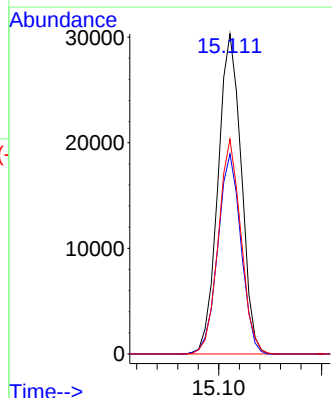
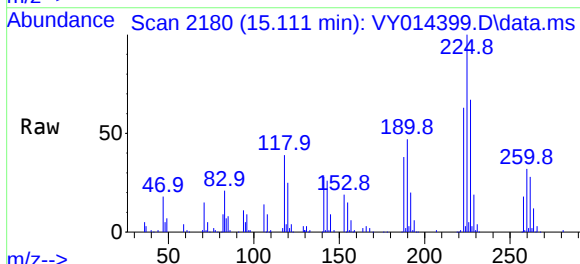
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

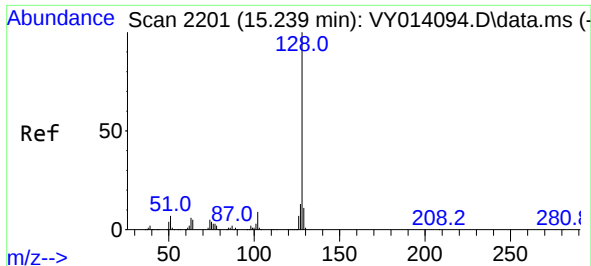
Tgt Ion:	180	Resp:	76749
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.0	141.2
145	29.5	14.5	43.5



#94
Hexachlorobutadiene
Concen: 20.299 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion:	225	Resp:	47575
Ion Ratio	Lower	Upper	
225	100		
223	62.0	31.9	95.9
227	65.3	33.0	98.9



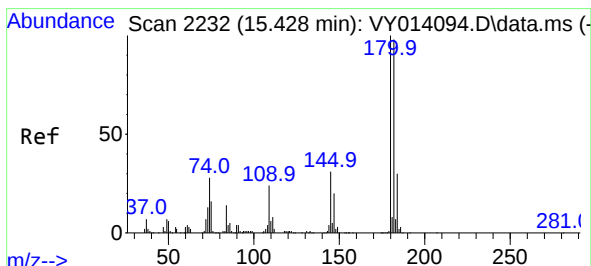
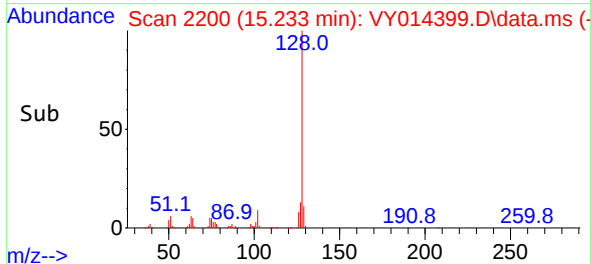
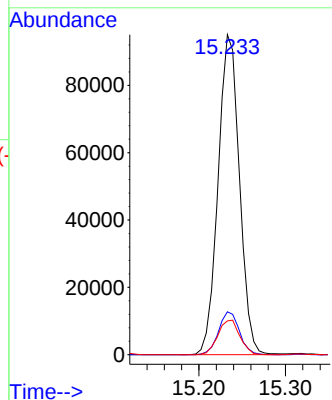
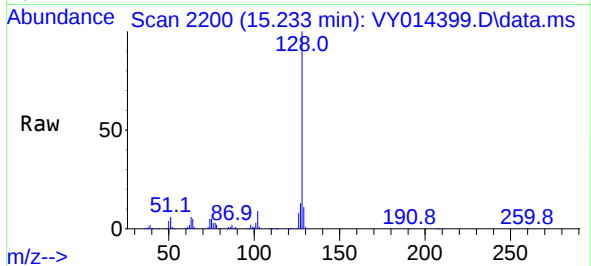


#95
Naphthalene
Concen: 19.417 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:128 Resp: 162878

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.8	16.2
129	11.1	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.776 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion:180 Resp: 70258

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.3	141.8
145	30.2	15.4	46.2

