

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082923\
 Data File : VY015363.D
 Acq On : 29 Aug 2023 19:21
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 29 22:24:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 22:22:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	200661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	324552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	292130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145226	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	303708	141.190	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 282.380%#	
35) Dibromofluoromethane	7.710	113	277460	148.426	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 296.860%#	
50) Toluene-d8	10.179	98	977910	144.456	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 288.920%#	
62) 4-Bromofluorobenzene	12.477	95	370716	147.512	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 295.020%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	256515	147.062	ug/l	98
3) Chloromethane	2.107	50	328250	141.701	ug/l	98
4) Vinyl Chloride	2.247	62	385469	142.963	ug/l	97
5) Bromomethane	2.613	94	218156	113.711	ug/l	100
6) Chloroethane	2.772	64	253381	142.970	ug/l	97
7) Trichlorofluoromethane	3.107	101	550747	144.403	ug/l	99
8) Diethyl Ether	3.521	74	190852	146.424	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.887	101	311517	147.366	ug/l	96
10) Methyl Iodide	4.082	142	405814	163.475	ug/l	98
11) Tert butyl alcohol	4.960	59	295399	592.244	ug/l #	84
12) 1,1-Dichloroethene	3.863	96	296975	148.882	ug/l	94
13) Acrolein	3.723	56	454715	737.108	ug/l	99
14) Allyl chloride	4.472	41	493842	155.497	ug/l	96
15) Acrylonitrile	5.155	53	604478	737.004	ug/l	98
16) Acetone	3.942	43	642437	715.536	ug/l	95
17) Carbon Disulfide	4.186	76	916838	153.746	ug/l	99
18) Methyl Acetate	4.472	43	476599	146.555	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	976176	150.573	ug/l	98
20) Methylene Chloride	4.704	84	355833	150.580	ug/l	93
21) trans-1,2-Dichloroethene	5.210	96	347131	151.127	ug/l	99
22) Diisopropyl ether	6.118	45	1069479	153.972	ug/l	91
23) Vinyl Acetate	6.058	43	3393237	844.292	ug/l	95
24) 1,1-Dichloroethane	6.009	63	599112	149.209	ug/l	97
25) 2-Butanone	6.984	43	921122	723.337	ug/l	95
26) 2,2-Dichloropropane	6.978	77	502006	147.201	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	389594	149.512	ug/l	95
28) Bromochloromethane	7.326	49	172265	139.904	ug/l	97
29) Tetrahydrofuran	7.344	42	582415	728.306	ug/l	93
30) Chloroform	7.502	83	623737	147.771	ug/l	95
31) Cyclohexane	7.783	56	545802	142.843	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	570519	151.324	ug/l	99
36) 1,1-Dichloropropene	7.911	75	493001	150.197	ug/l	99
37) Ethyl Acetate	7.070	43	370663	146.419	ug/l	96
38) Carbon Tetrachloride	7.893	117	513958	151.607	ug/l	98
39) Methylcyclohexane	9.179	83	638252	154.453	ug/l	95
40) Benzene	8.155	78	1376401	150.299	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	517564	424.761	ug/l #	28
42) 1,2-Dichloroethane	8.234	62	445464	145.876	ug/l	95
43) Isopropyl Acetate	8.271	43	668753	152.768	ug/l	97
44) Trichloroethene	8.935	130	384786	148.506	ug/l	100
45) 1,2-Dichloropropane	9.209	63	347111	150.357	ug/l	97
46) Dibromomethane	9.301	93	226394	147.633	ug/l	95
47) Bromodichloromethane	9.496	83	501898	153.045	ug/l	99
48) Methyl methacrylate	9.289	41	310389	154.539	ug/l	92
49) 1,4-Dioxane	9.295	88	83790	2941.658	ug/l #	50
51) 4-Methyl-2-Pentanone	10.069	43	1893221	744.091	ug/l	93
52) Toluene	10.240	92	893692	152.259	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	553345	158.770	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	591285	155.961	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	310978	150.504	ug/l	97
56) Ethyl methacrylate	10.508	69	489405	159.834	ug/l	90
57) 1,3-Dichloropropane	10.788	76	529142	148.770	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	803873	735.529	ug/l	95
59) 2-Hexanone	10.831	43	1420547	744.075	ug/l	91
60) Dibromochloromethane	10.983	129	374484	154.845	ug/l	100
61) 1,2-Dibromoethane	11.087	107	315565	150.722	ug/l	100
64) Tetrachloroethene	10.715	164	382439	144.232	ug/l	97
65) Chlorobenzene	11.514	112	944570	150.050	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	356705	154.814	ug/l	98
67) Ethyl Benzene	11.587	91	1746522	154.511	ug/l	99
68) m/p-Xylenes	11.697	106	1349766	308.064	ug/l	96
69) o-Xylene	12.026	106	649855	155.196	ug/l	98
70) Styrene	12.038	104	1119863	159.057	ug/l	97
71) Bromoform	12.203	173	257553	160.244	ug/l #	98
73) Isopropylbenzene	12.325	105	1709618	156.725	ug/l	100
74) N-amyl acetate	12.142	43	602549	164.414	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	409361	157.202	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	541735	282.480	ug/l #	100
77) Bromobenzene	12.605	156	398193	154.123	ug/l	95
78) n-propylbenzene	12.666	91	2052573	155.504	ug/l	100
79) 2-Chlorotoluene	12.751	91	1148601	155.145	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	1418044	155.417	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	145897	167.112	ug/l	95
82) 4-Chlorotoluene	12.849	91	1199789	155.932	ug/l	99
83) tert-Butylbenzene	13.075	119	1243147	155.557	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	1402124	154.773	ug/l	99
85) sec-Butylbenzene	13.251	105	1845814	154.853	ug/l	100
86) p-Isopropyltoluene	13.367	119	1560675	156.221	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	783861	153.681	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	769814	149.308	ug/l	99
89) n-Butylbenzene	13.696	91	1458649	155.128	ug/l	96
90) Hexachloroethane	13.959	117	286206	160.184	ug/l	88
91) 1,2-Dichlorobenzene	13.733	146	703867	151.216	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	77536	150.519	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	452673	154.856	ug/l	99
94) Hexachlorobutadiene	15.111	225	237874	149.232	ug/l	98
95) Naphthalene	15.233	128	1159224	160.089	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	414131	155.317	ug/l	99

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ClientSampleId :
VSTDICC150

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Quant Title : SW846 8260
QLast Update : Tue Aug 29 22:22:20 2023
Response via : Initial Calibration

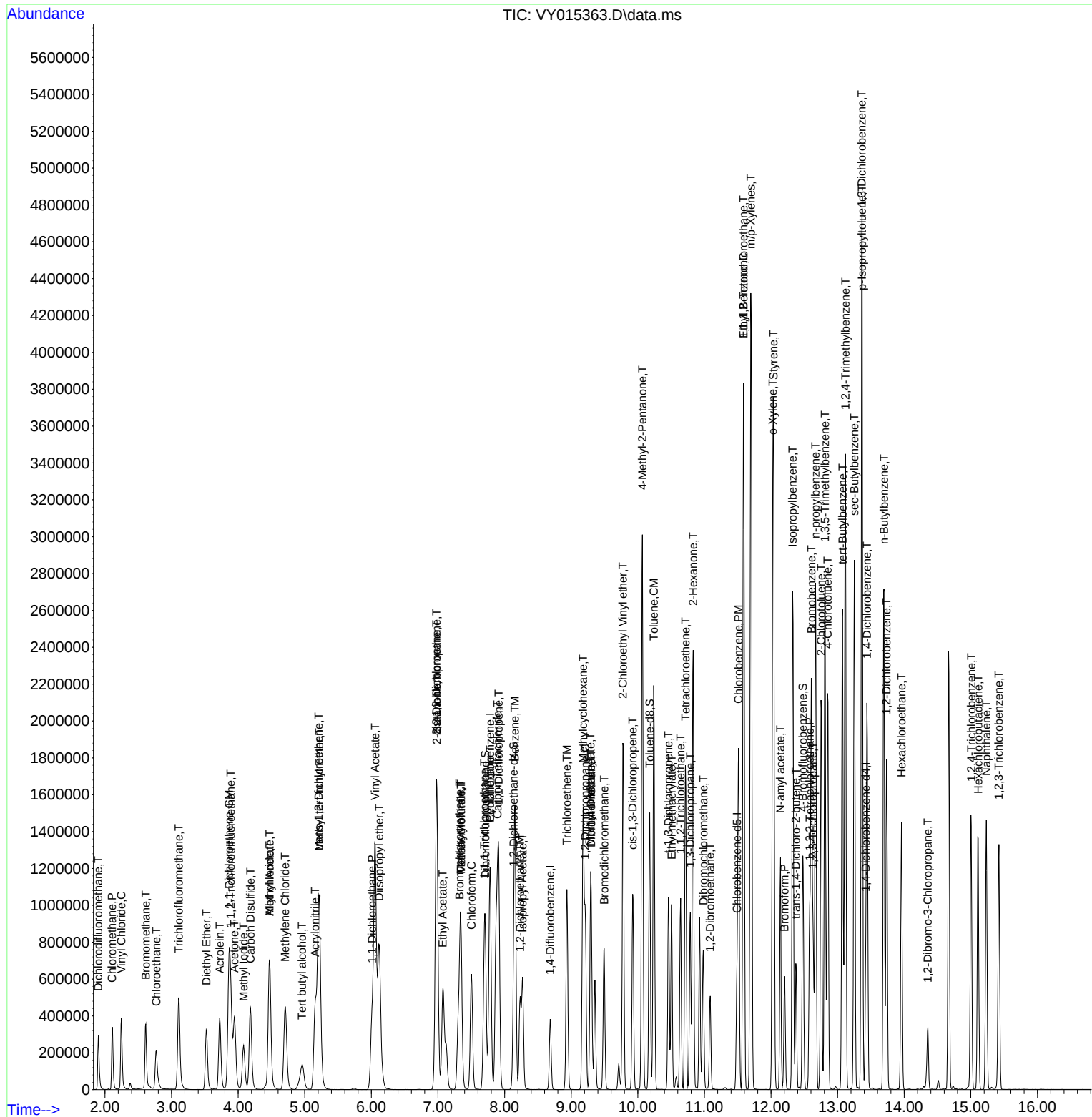
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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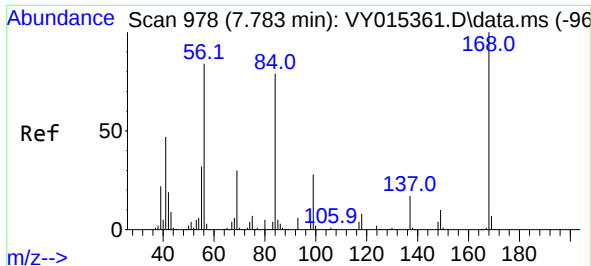
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VY015363.D
 Acq On : 29 Aug 2023 19:21
 Operator : SY/MD
 Sample : VSTDIC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
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 Quant Title : SW846 8260
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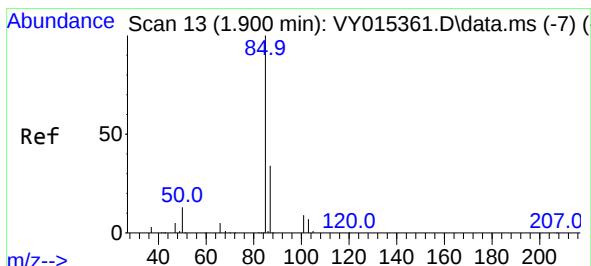
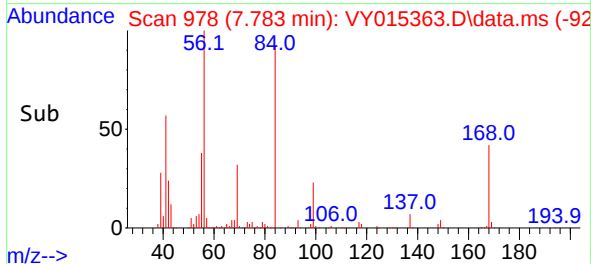
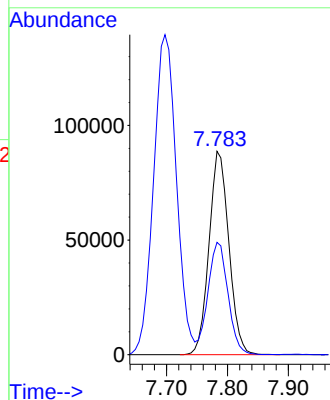
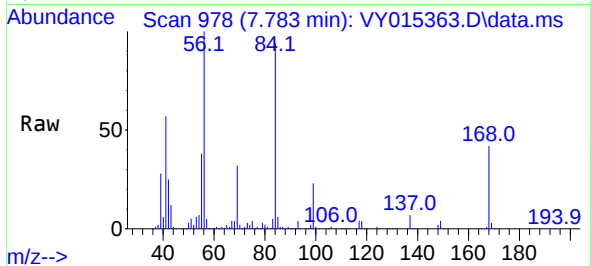




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015363.D
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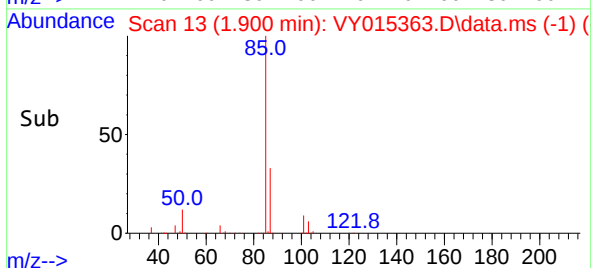
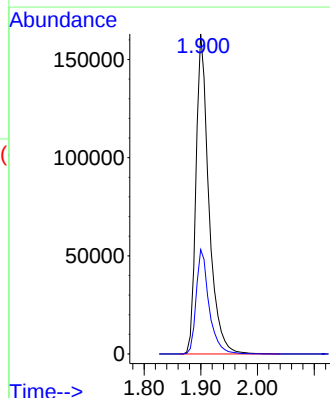
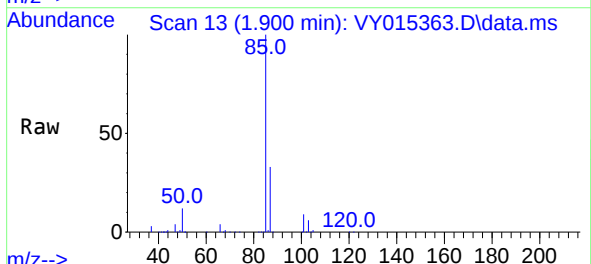
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:168 Resp: 200661
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0

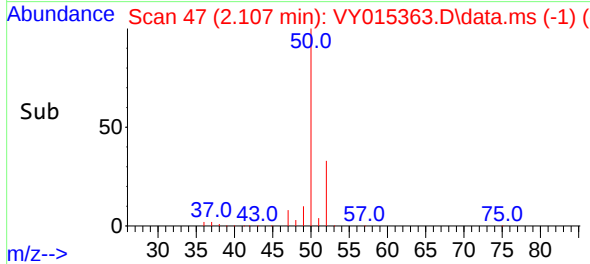
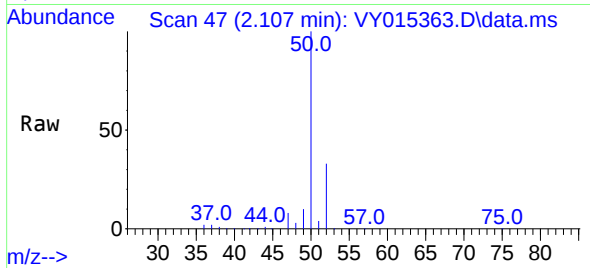
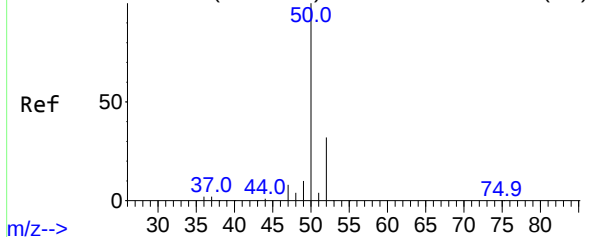


#2
Dichlorodifluoromethane
Concen: 147.062 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion: 85 Resp: 256515
Ion Ratio Lower Upper
85 100
87 32.6 15.6 46.8



Abundance Scan 47 (2.107 min): VY015361.D\data.ms (-41)



#3

Chloromethane

Concen: 141.701 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY015363.D

Acq: 29 Aug 2023 19:21

Instrument :

MSVOA_Y

ClientSampleId :

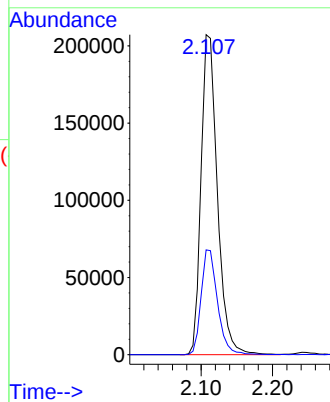
VSTDIC150

Tgt Ion: 50 Resp: 328250

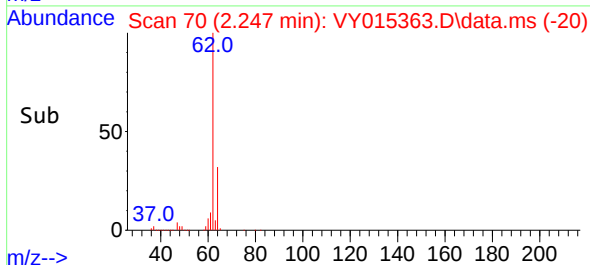
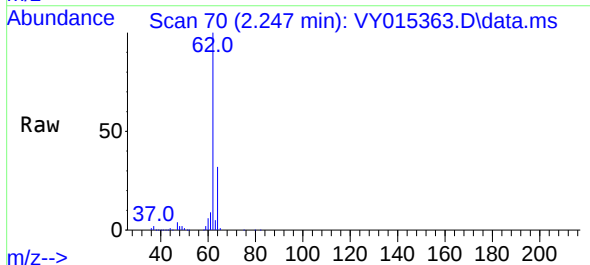
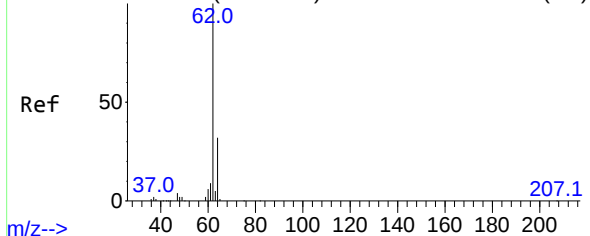
Ion Ratio Lower Upper

50 100

52 32.8 25.4 38.2



Abundance Scan 70 (2.247 min): VY015361.D\data.ms (-62)



#4

Vinyl Chloride

Concen: 142.963 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.006 min

Lab File: VY015363.D

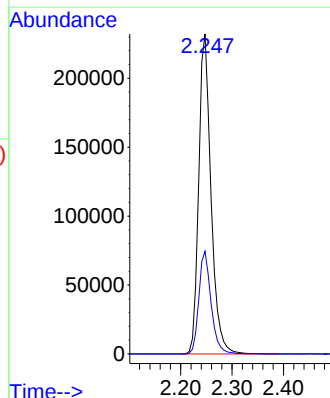
Acq: 29 Aug 2023 19:21

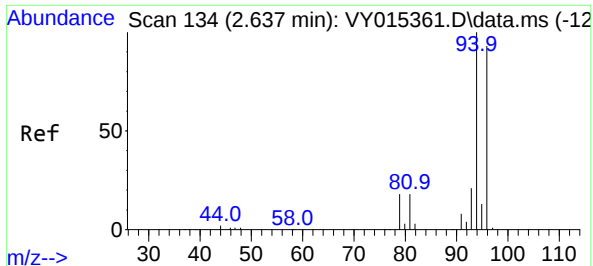
Tgt Ion: 62 Resp: 385469

Ion Ratio Lower Upper

62 100

64 32.1 24.3 36.5

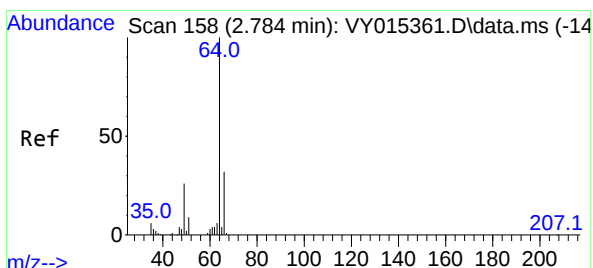
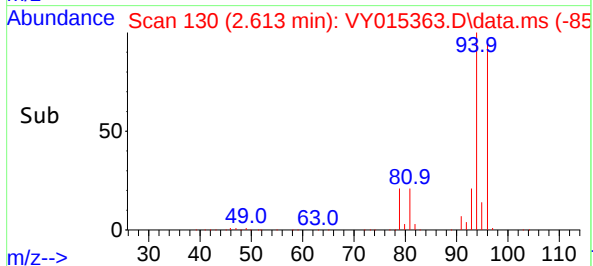
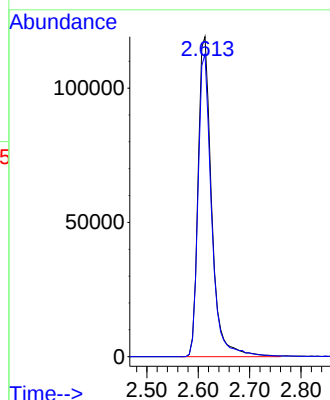
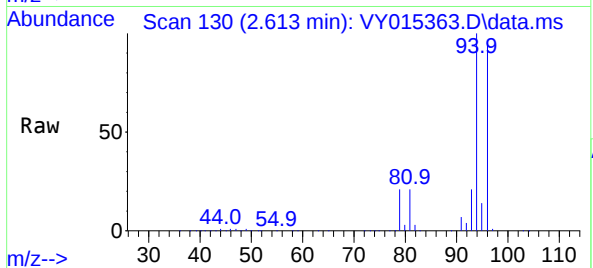




#5
Bromomethane
Concen: 113.711 ug/l
RT: 2.613 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

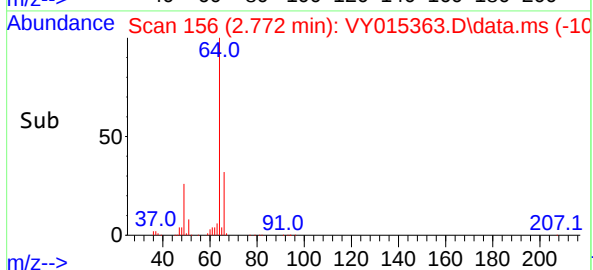
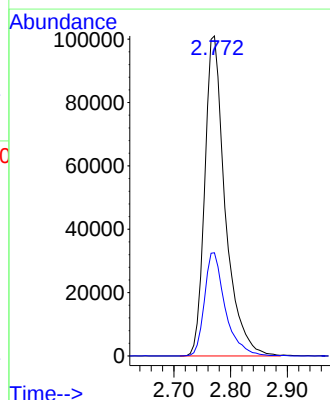
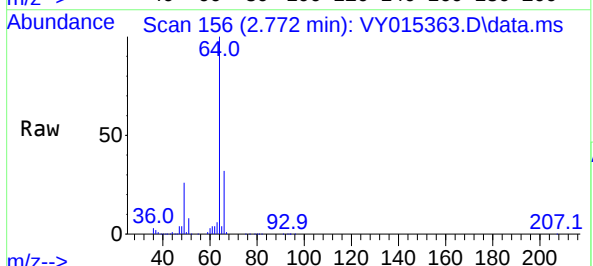
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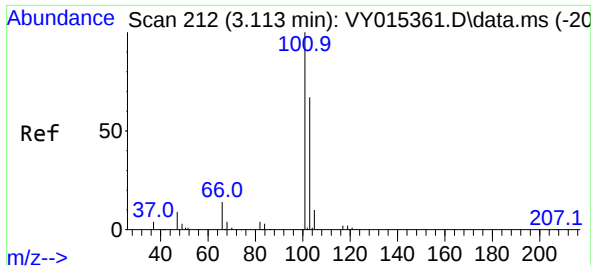
Tgt Ion: 94 Resp: 218156
Ion Ratio Lower Upper
94 100
96 94.5 75.8 113.6



#6
Chloroethane
Concen: 142.970 ug/l
RT: 2.772 min Scan# 156
Delta R.T. -0.012 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion: 64 Resp: 253381
Ion Ratio Lower Upper
64 100
66 32.3 24.4 36.6

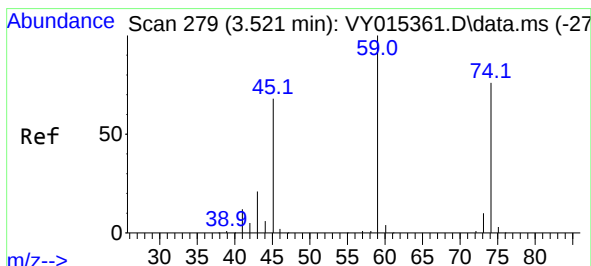
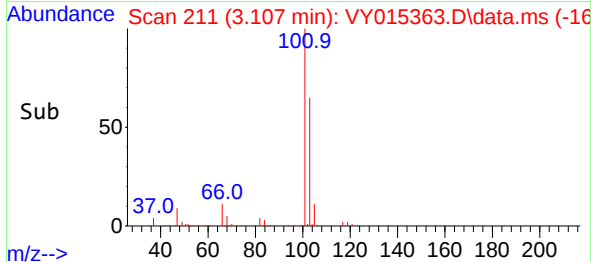
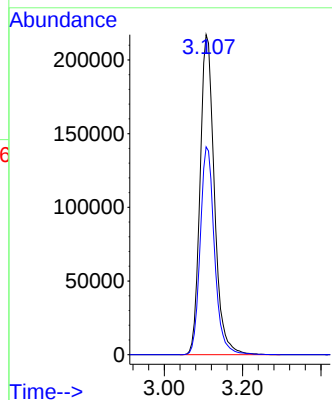
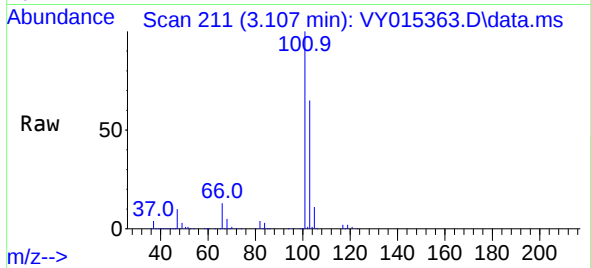




#7
Trichlorofluoromethane
Concen: 144.403 ug/l
RT: 3.107 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

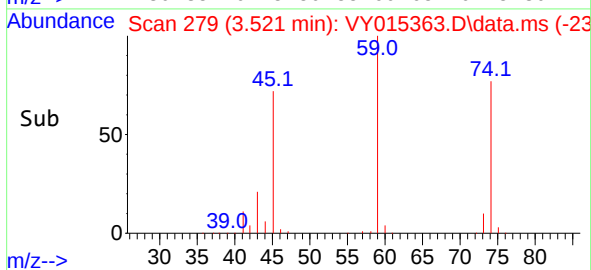
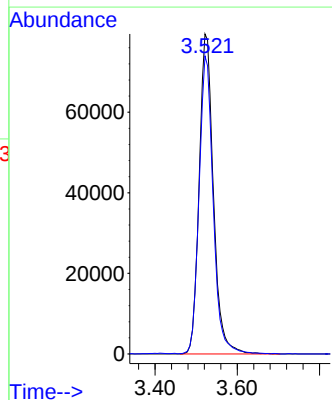
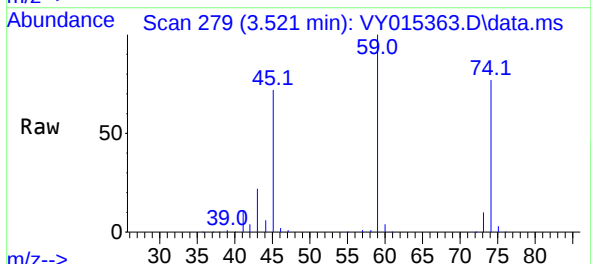
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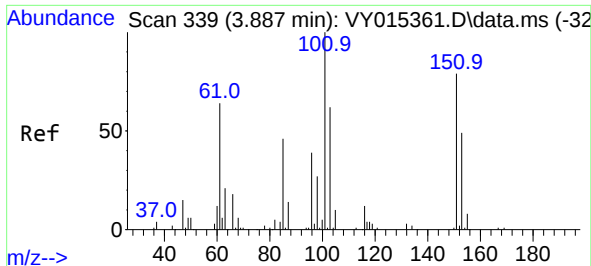
Tgt Ion:101 Resp: 550747
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.0



#8
Diethyl Ether
Concen: 146.424 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion: 74 Resp: 190852
Ion Ratio Lower Upper
74 100
45 92.5 51.5 154.5

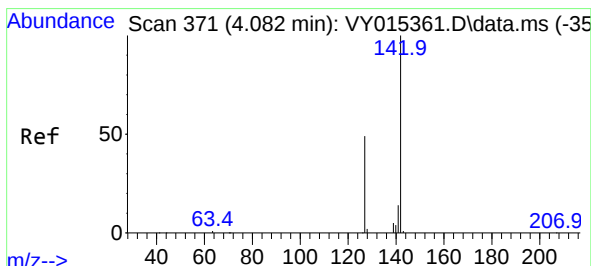
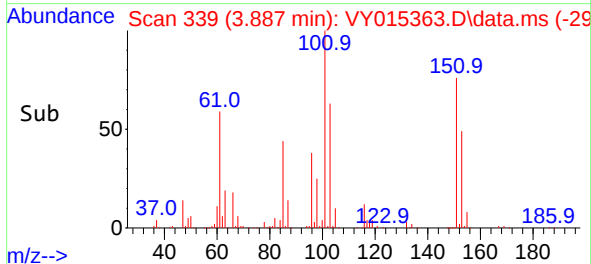
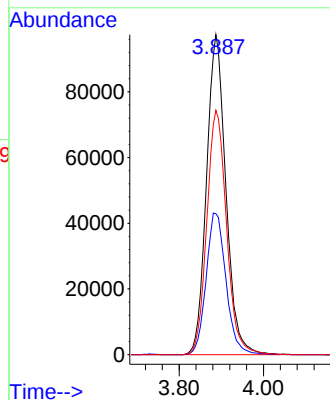
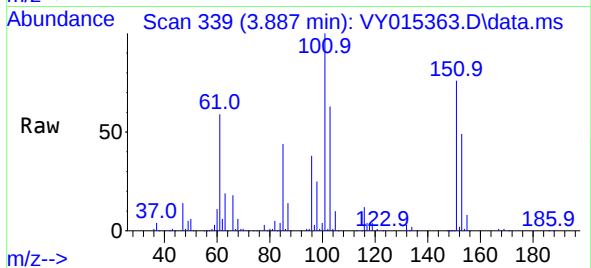




#9
1,1,2-Trichlorotrifluoroethane
Concen: 147.366 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

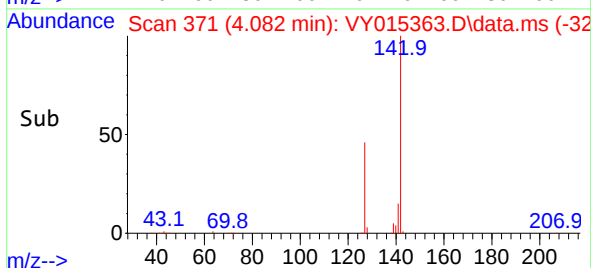
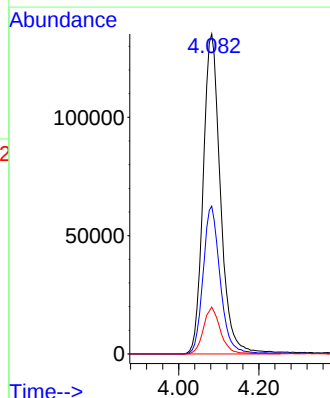
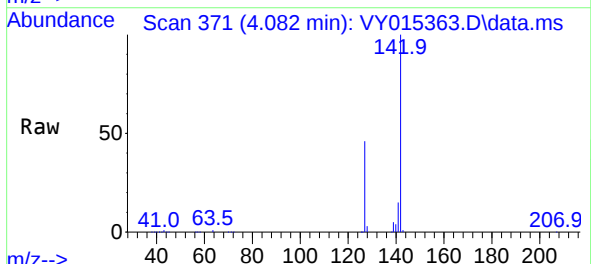
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

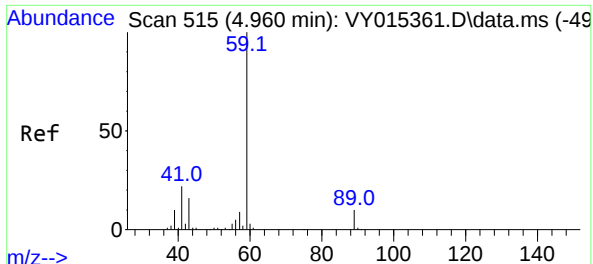
Tgt Ion:101 Resp: 311517
Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 77.8 67.0 100.6



#10
Methyl Iodide
Concen: 163.475 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion:142 Resp: 405814
Ion Ratio Lower Upper
142 100
127 45.5 37.6 56.4
141 14.3 11.8 17.8

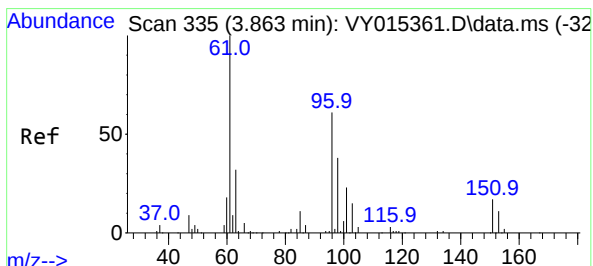
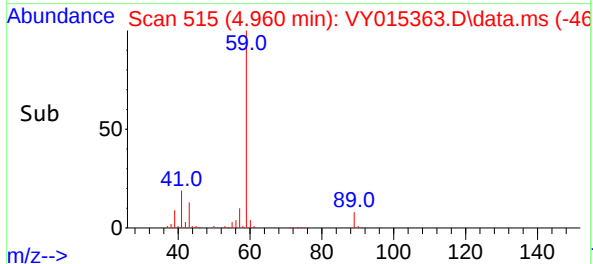
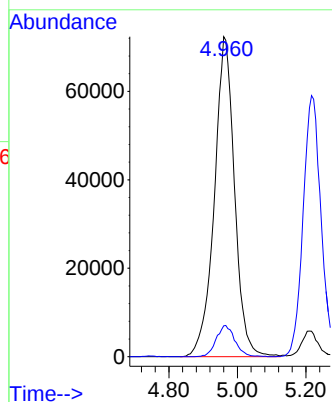
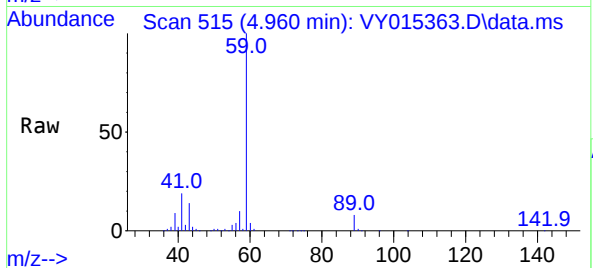




#11
Tert butyl alcohol
Concen: 592.244 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

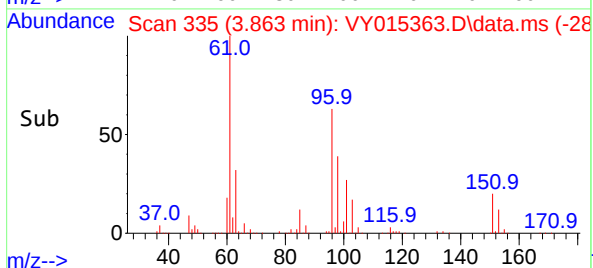
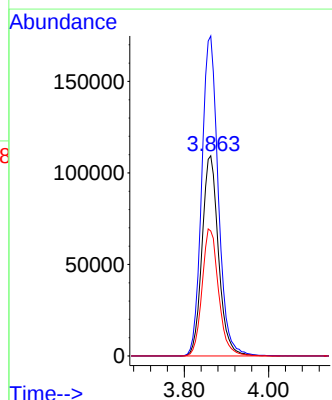
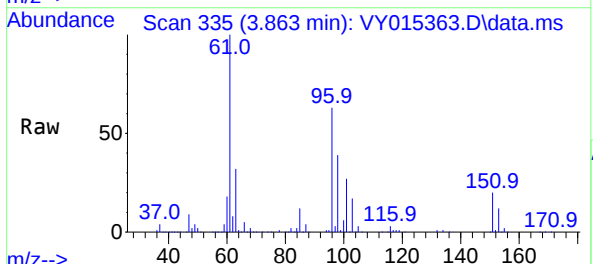
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

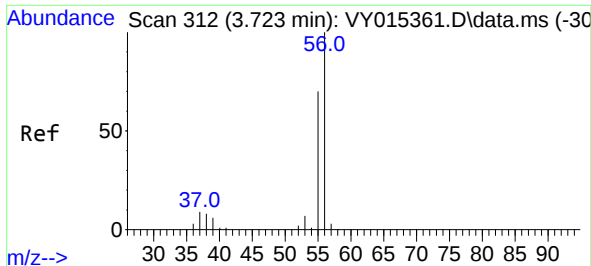
Tgt Ion: 59 Resp: 295399
Ion Ratio Lower Upper
59 100
57 9.1 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 148.882 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion: 96 Resp: 296975
Ion Ratio Lower Upper
96 100
61 159.9 136.4 204.6
98 62.4 49.4 74.2

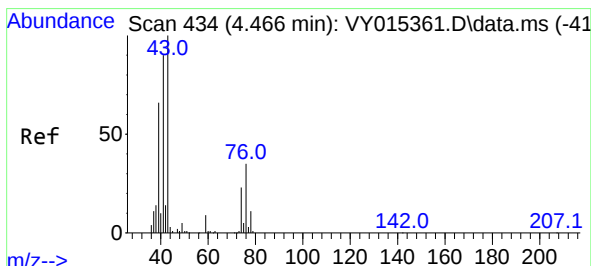
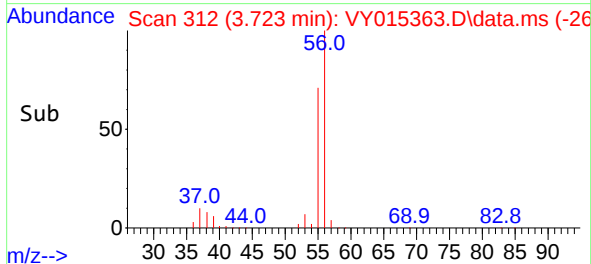
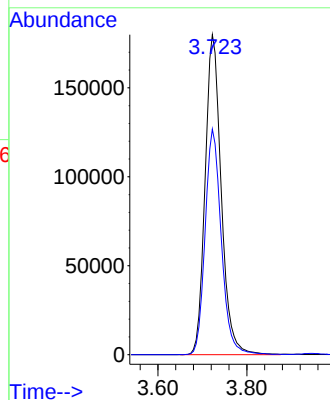
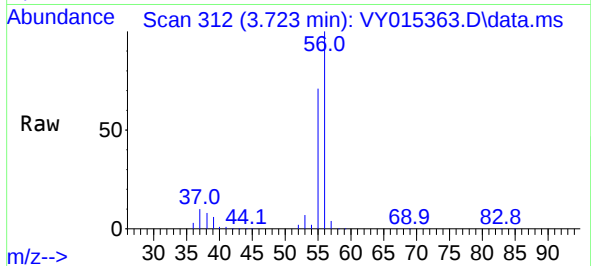




#13
Acrolein
Concen: 737.108 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

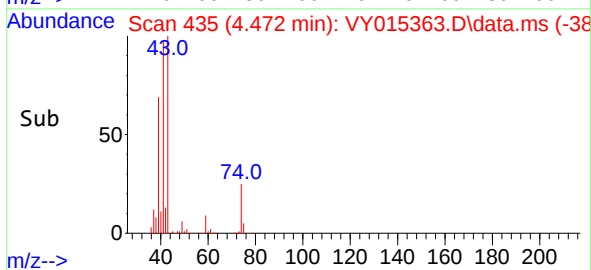
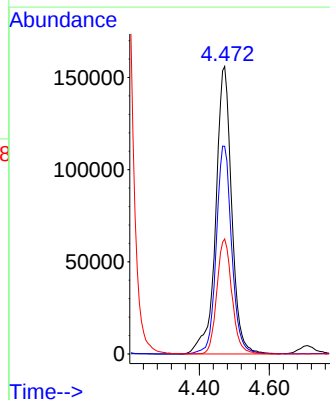
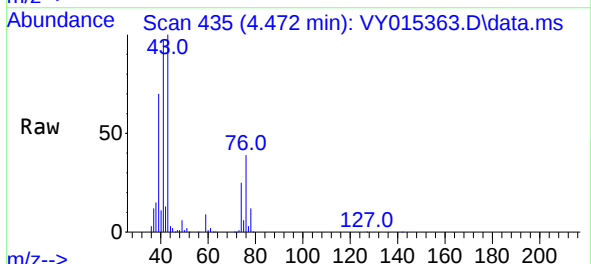
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

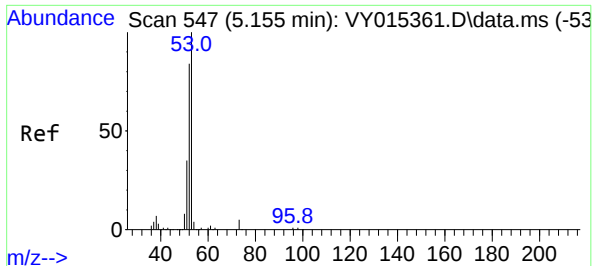
Tgt Ion: 56 Resp: 454715
Ion Ratio Lower Upper
56 100
55 70.8 57.0 85.4



#14
Allyl chloride
Concen: 155.497 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion: 41 Resp: 493842
Ion Ratio Lower Upper
41 100
39 70.1 58.0 87.0
76 37.8 27.4 41.2

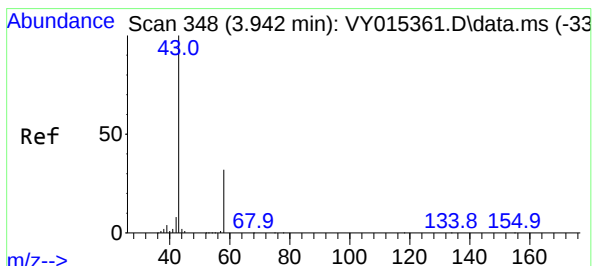
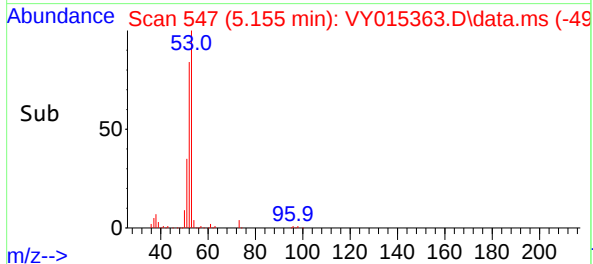
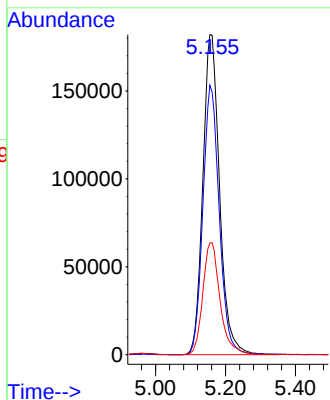
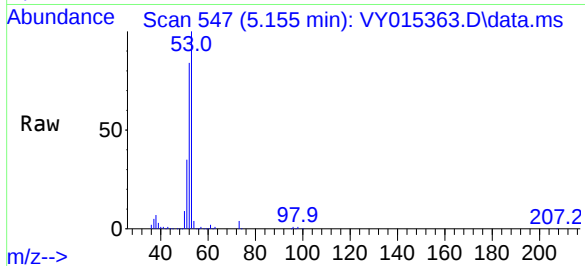




#15
Acrylonitrile
Concen: 737.004 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

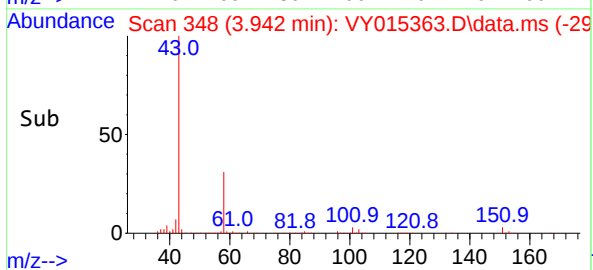
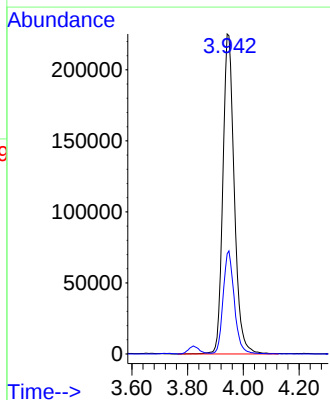
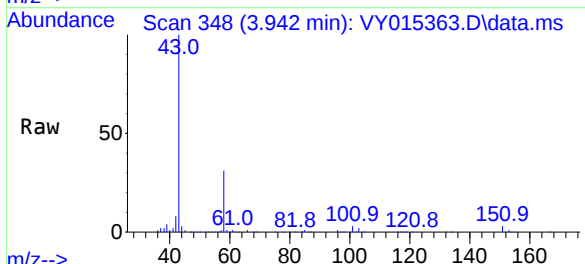
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

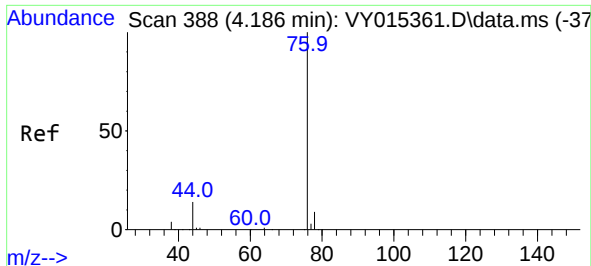
Tgt Ion: 53 Resp: 604478
Ion Ratio Lower Upper
53 100
52 82.3 66.9 100.3
51 36.2 29.8 44.6



#16
Acetone
Concen: 715.536 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion: 43 Resp: 642437
Ion Ratio Lower Upper
43 100
58 31.3 22.7 34.1

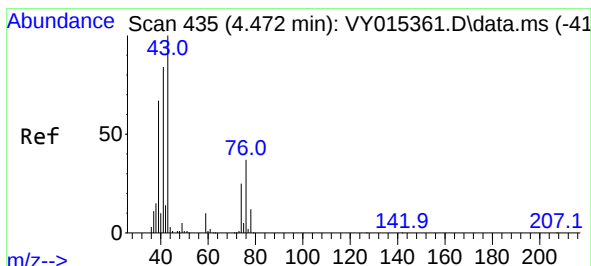
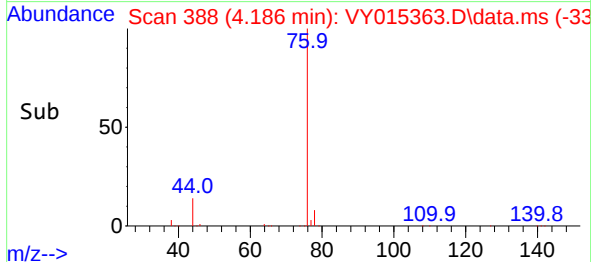
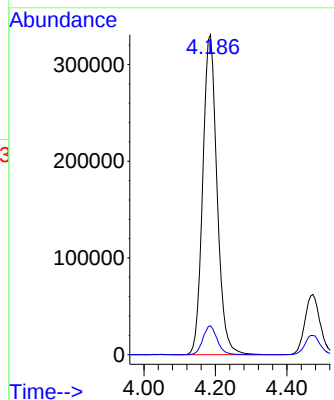
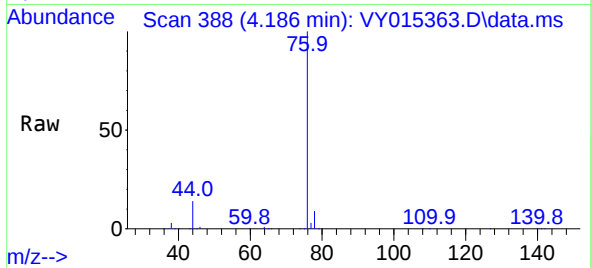




#17
Carbon Disulfide
Concen: 153.746 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

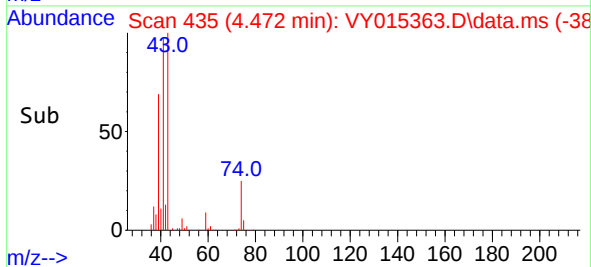
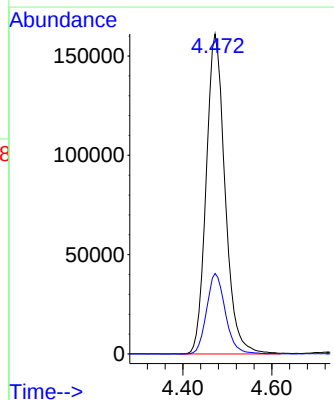
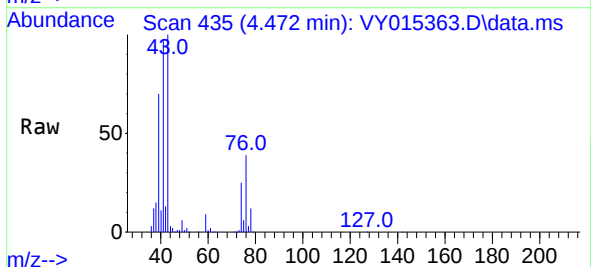
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

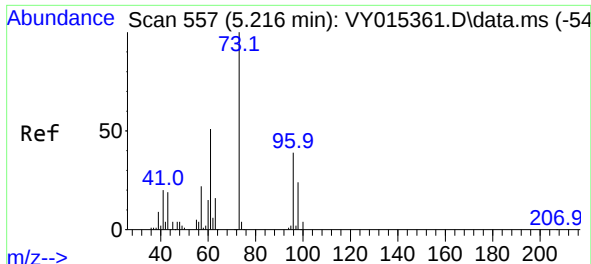
Tgt Ion: 76 Resp: 916838
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#18
Methyl Acetate
Concen: 146.555 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion: 43 Resp: 476599
Ion Ratio Lower Upper
43 100
74 24.9 17.4 26.0

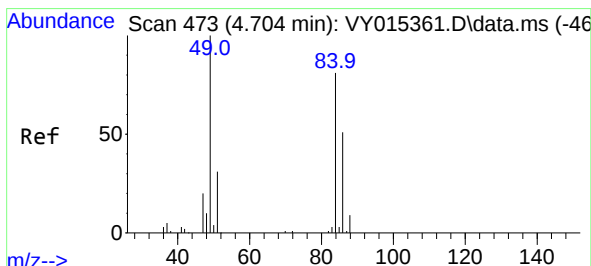
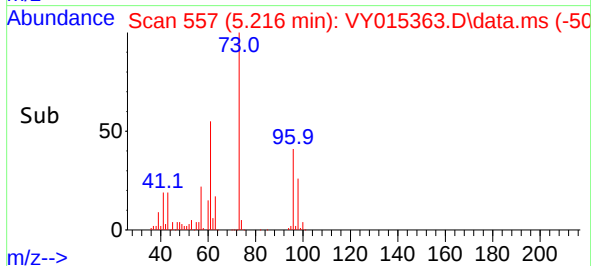
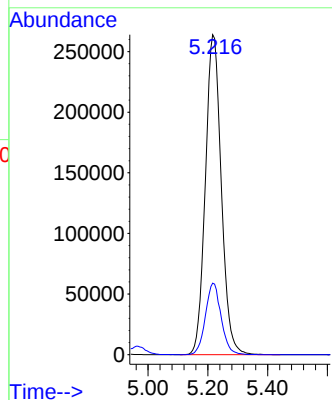
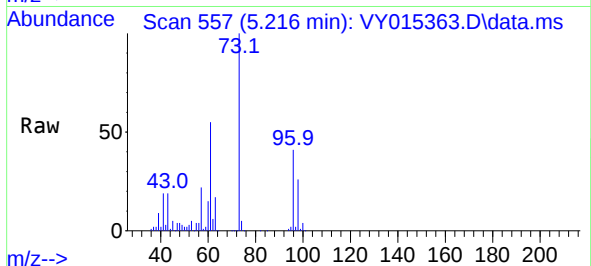




#19
Methyl tert-butyl Ether
Concen: 150.573 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

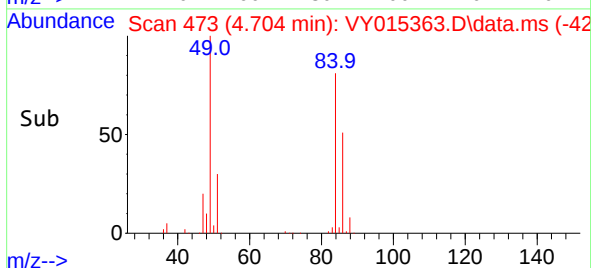
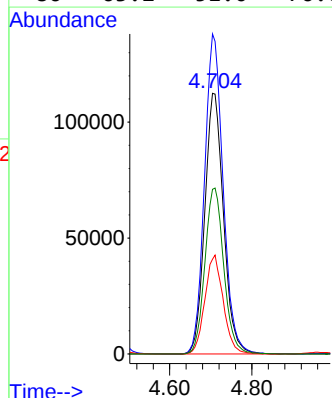
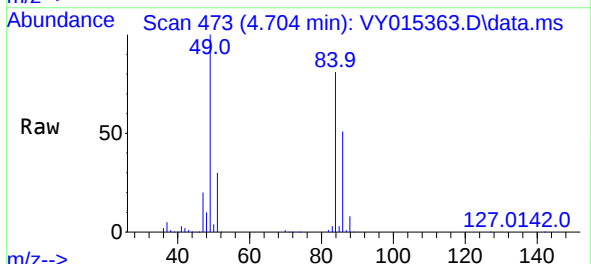
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

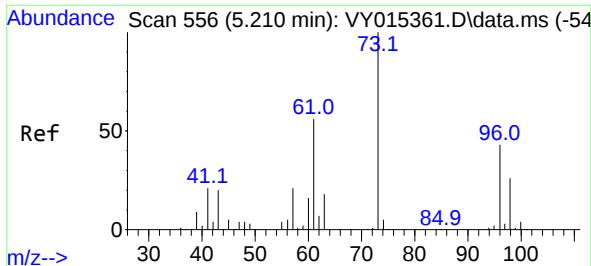
Tgt Ion: 73 Resp: 976176
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9



#20
Methylene Chloride
Concen: 150.580 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion: 84 Resp: 355833
Ion Ratio Lower Upper
84 100
49 122.7 106.9 160.3
51 36.3 33.2 49.8
86 63.2 51.0 76.6

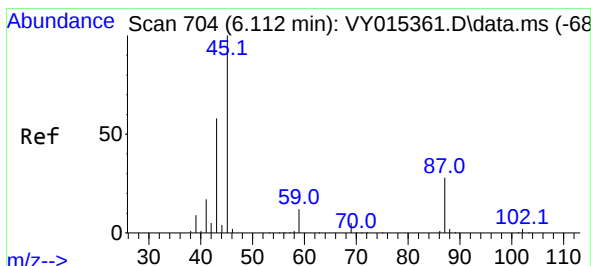
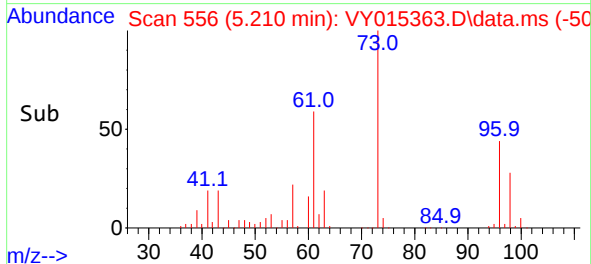
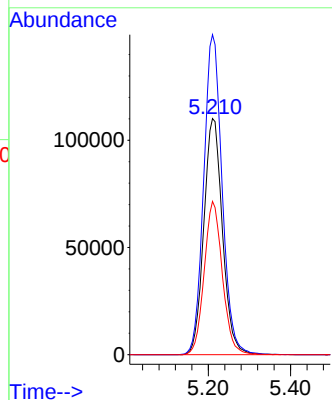
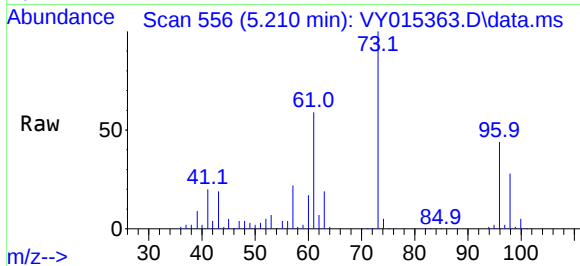




#21
trans-1,2-Dichloroethene
Concen: 151.127 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

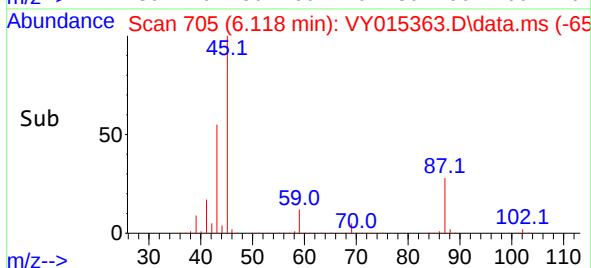
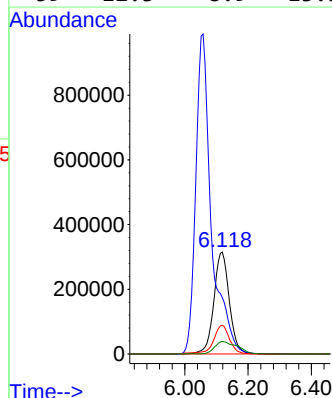
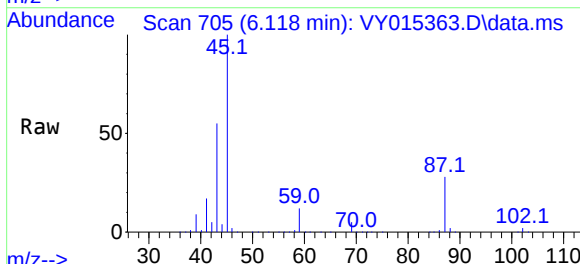
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

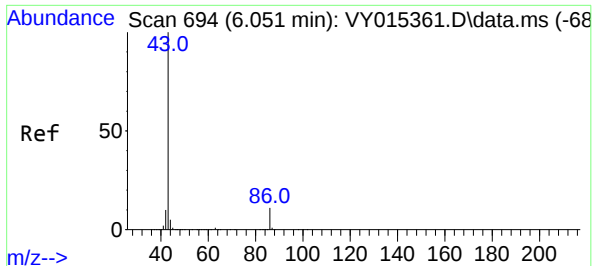
Tgt Ion: 96 Resp: 347131
Ion Ratio Lower Upper
96 100
61 135.5 110.2 165.4
98 64.9 51.8 77.6



#22
Diisopropyl ether
Concen: 153.972 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion: 45 Resp: 1069479
Ion Ratio Lower Upper
45 100
43 55.2 52.2 78.4
87 28.1 21.0 31.6
59 12.3 8.9 13.3

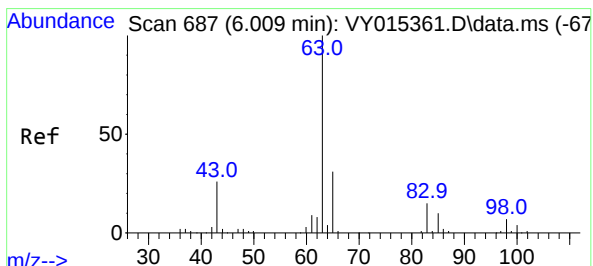
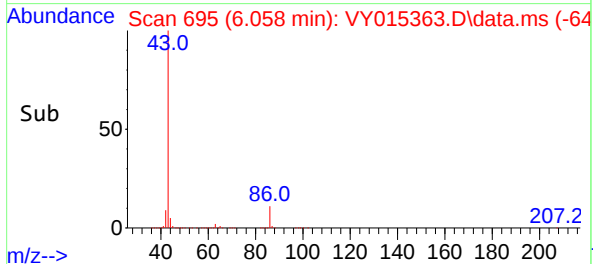
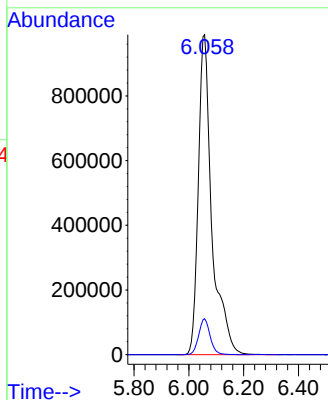
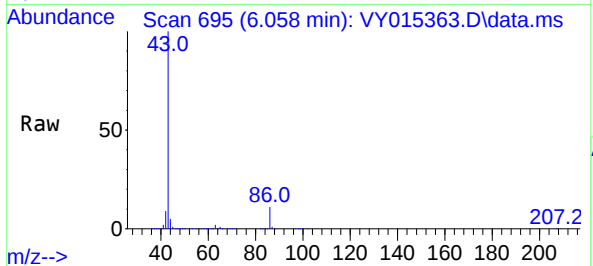




#23
 Vinyl Acetate
 Concen: 844.292 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY015363.D
 Acq: 29 Aug 2023 19:21

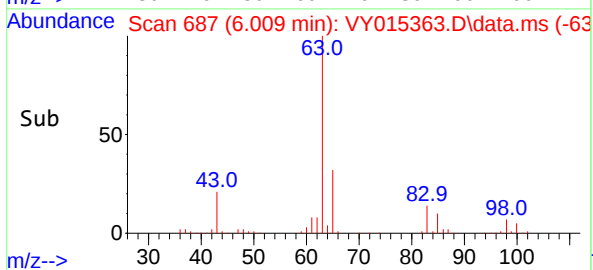
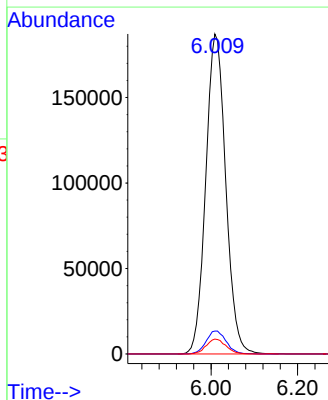
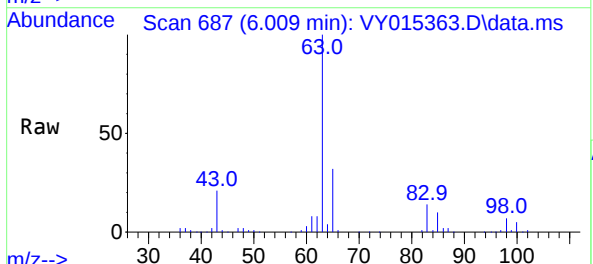
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

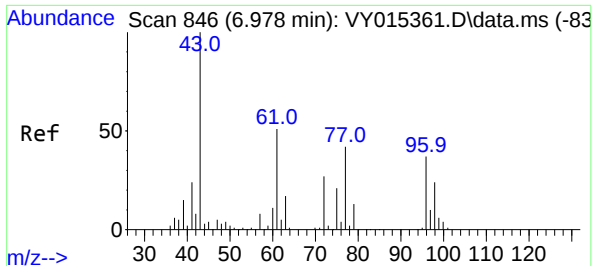
Tgt Ion: 43 Resp: 3393237
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 149.209 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY015363.D
 Acq: 29 Aug 2023 19:21

Tgt Ion: 63 Resp: 599112
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.4
 100 4.6 1.8 5.5

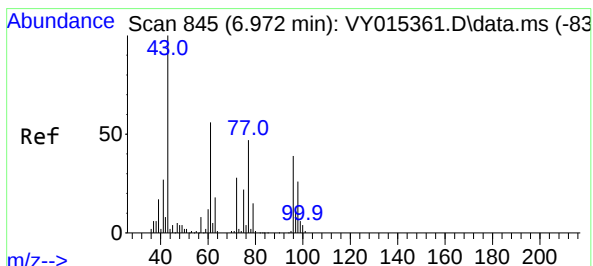
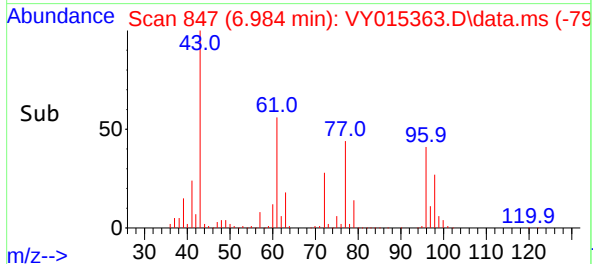
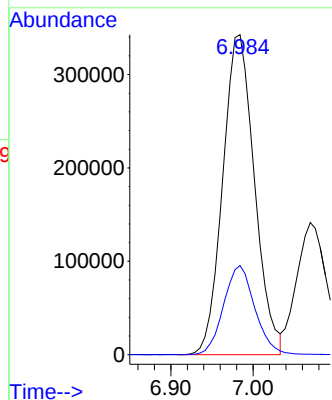
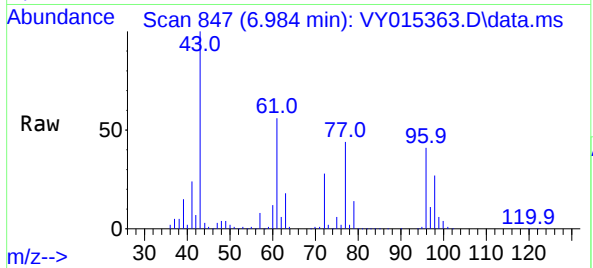




#25
2-Butanone
Concen: 723.337 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

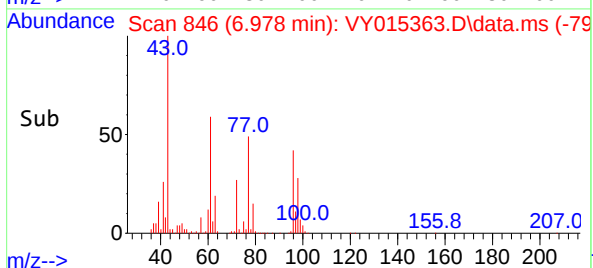
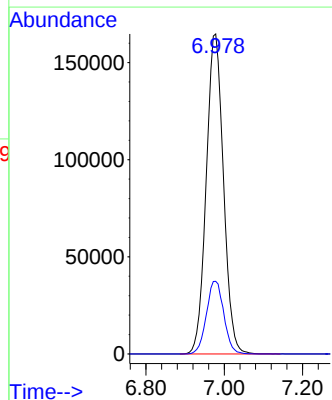
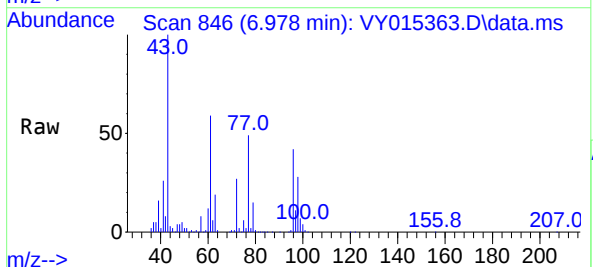
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

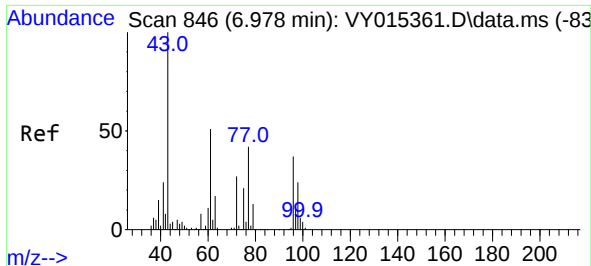
Tgt Ion: 43 Resp: 921122
Ion Ratio Lower Upper
43 100
72 27.9 20.5 30.7



#26
2,2-Dichloropropane
Concen: 147.201 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

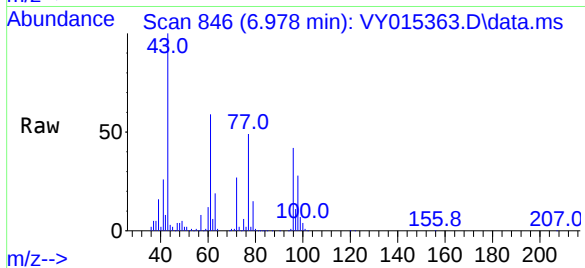
Tgt Ion: 77 Resp: 502006
Ion Ratio Lower Upper
77 100
97 22.9 10.9 32.9



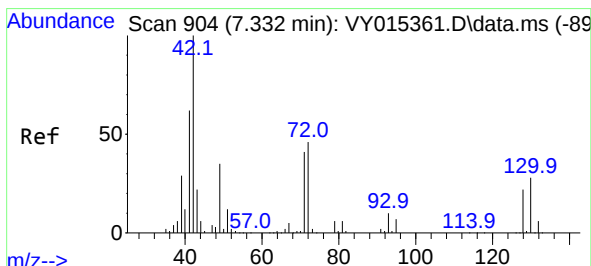
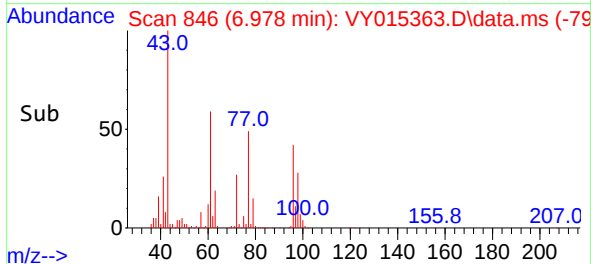
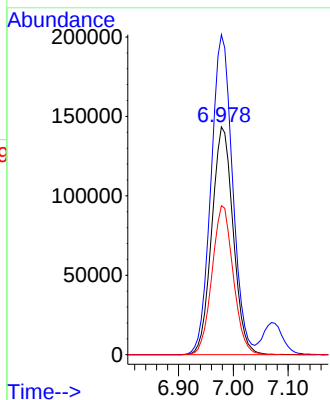


#27
cis-1,2-Dichloroethene
Concen: 149.512 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

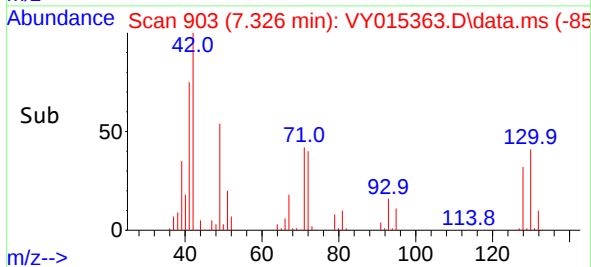
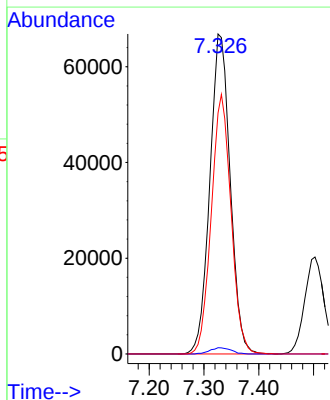
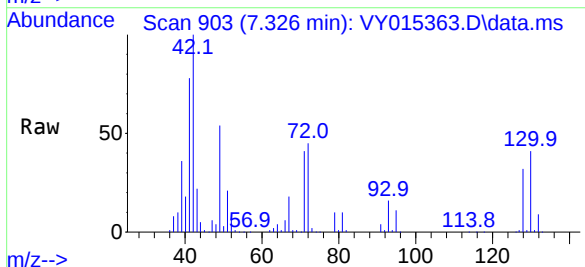


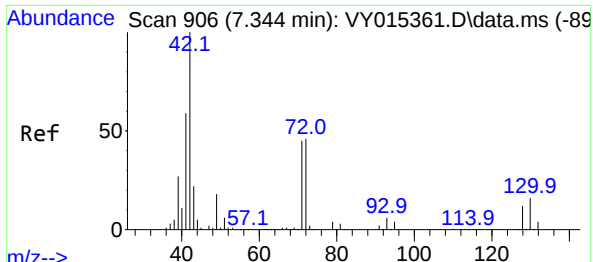
Tgt Ion: 96 Resp: 389594
Ion Ratio Lower Upper
96 100
61 141.5 0.0 301.4
98 64.8 0.0 130.4



#28
Bromochloromethane
Concen: 139.904 ug/l
RT: 7.326 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion: 49 Resp: 172265
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.6
130 78.5 60.7 91.1

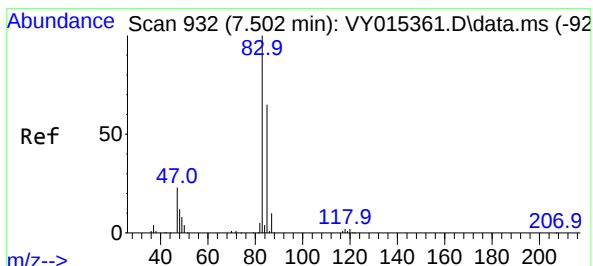
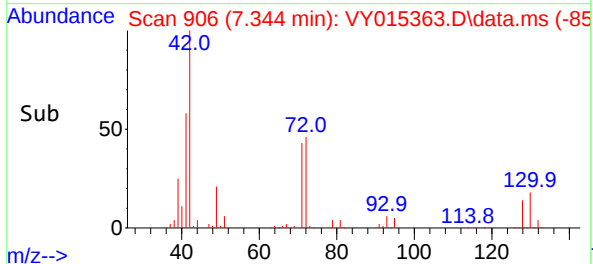
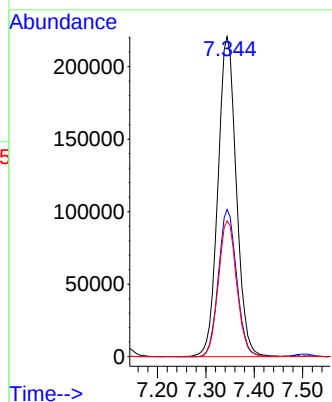
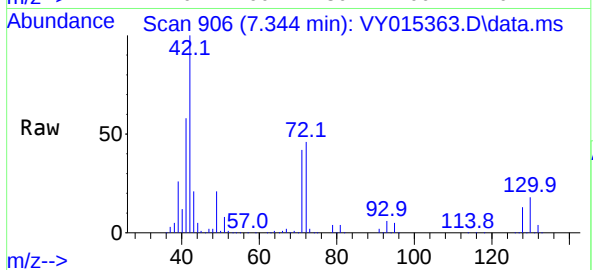




#29
Tetrahydrofuran
Concen: 728.306 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

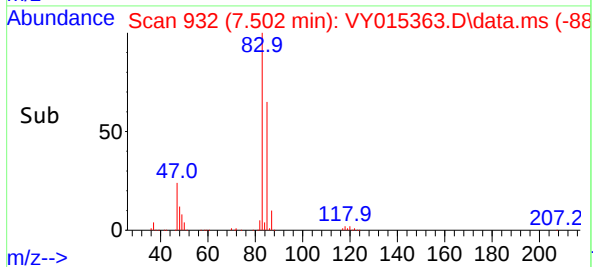
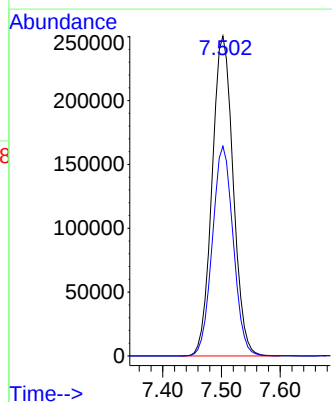
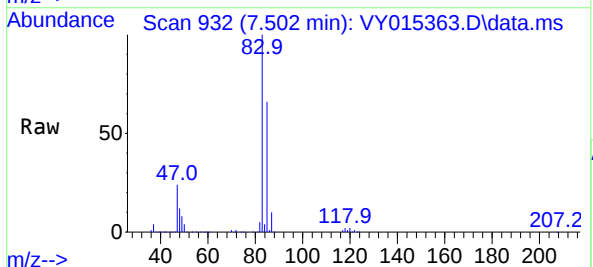
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

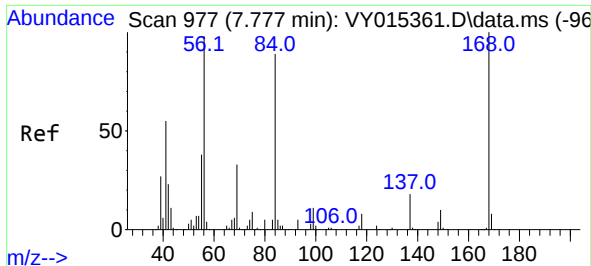
Tgt Ion: 42 Resp: 582415
Ion Ratio Lower Upper
42 100
72 45.7 32.8 49.2
71 42.4 31.0 46.4



#30
Chloroform
Concen: 147.771 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.006 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion: 83 Resp: 623737
Ion Ratio Lower Upper
83 100
85 65.6 49.7 74.5

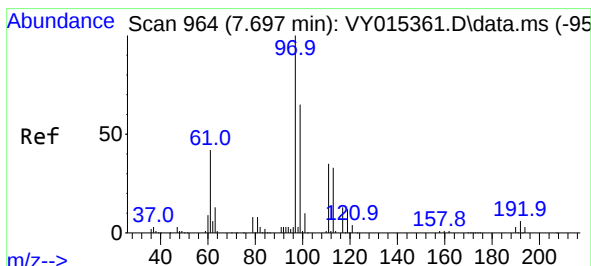
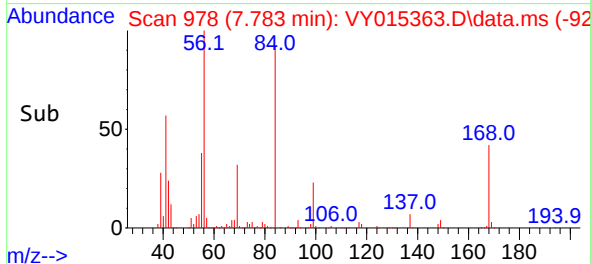
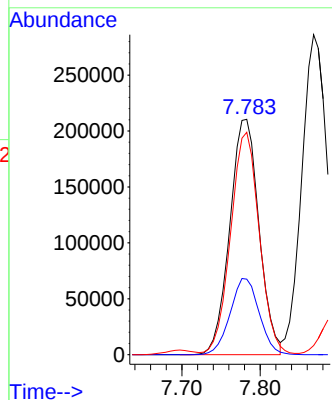
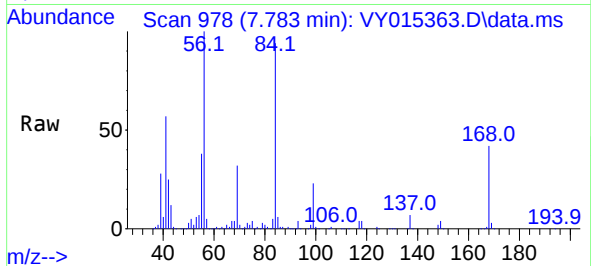




#31
Cyclohexane
Concen: 142.843 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

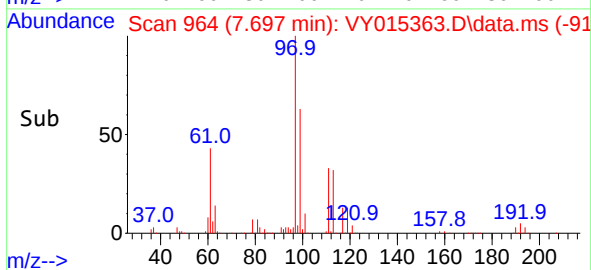
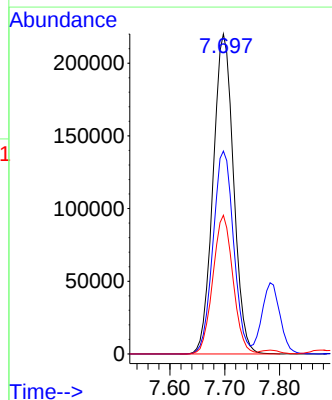
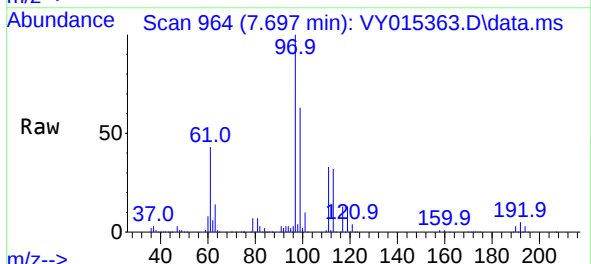
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

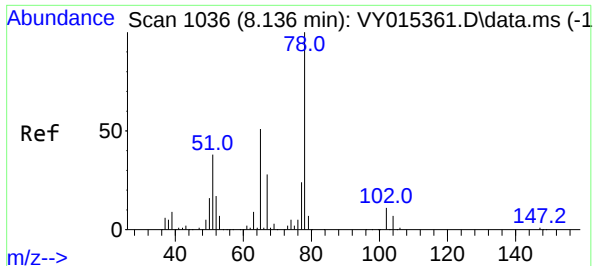
Tgt Ion: 56 Resp: 545802
Ion Ratio Lower Upper
56 100
69 32.1 27.8 41.6
84 92.5 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 151.324 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.006 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion: 97 Resp: 570519
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 42.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 141.190 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015363.D

Acq: 29 Aug 2023 19:21

Instrument :

MSVOA_Y

ClientSampleId :

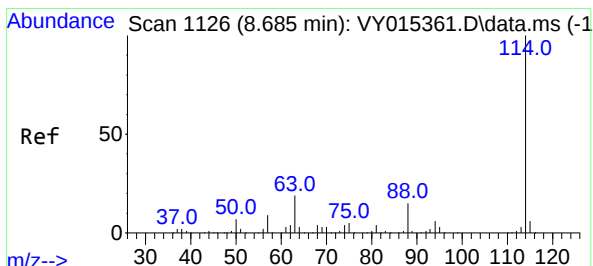
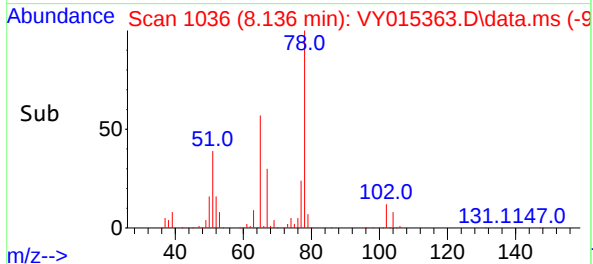
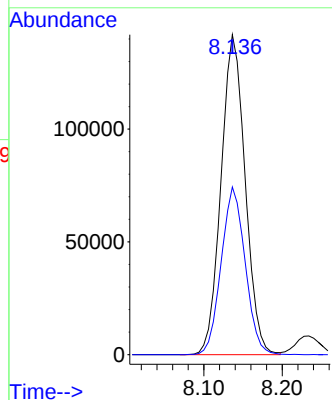
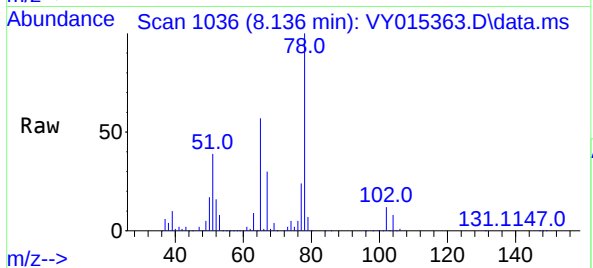
VSTDIC150

Tgt Ion: 65 Resp: 303708

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015363.D

Acq: 29 Aug 2023 19:21

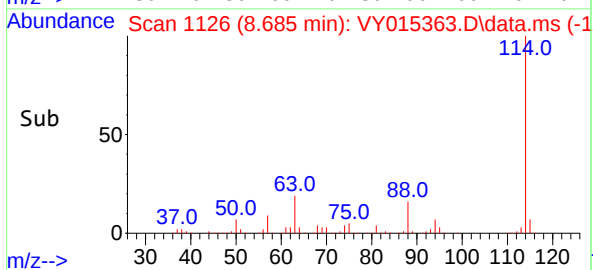
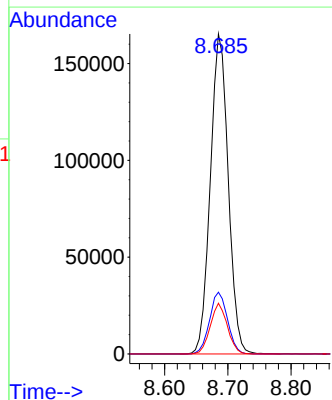
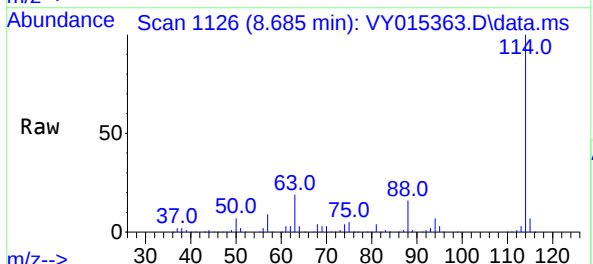
Tgt Ion: 114 Resp: 324552

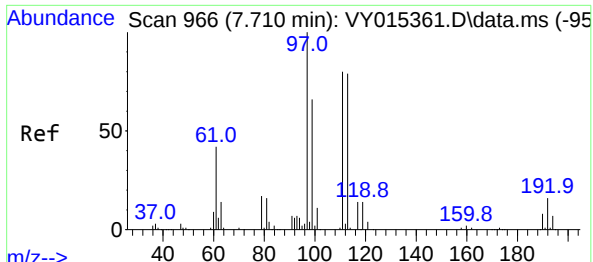
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.8 0.0 30.6

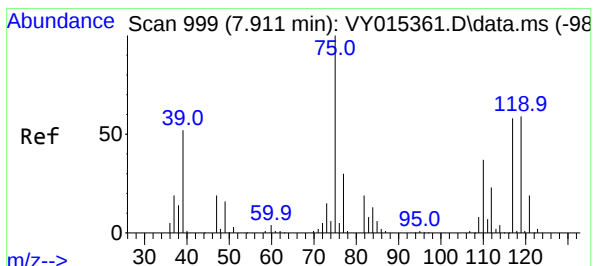
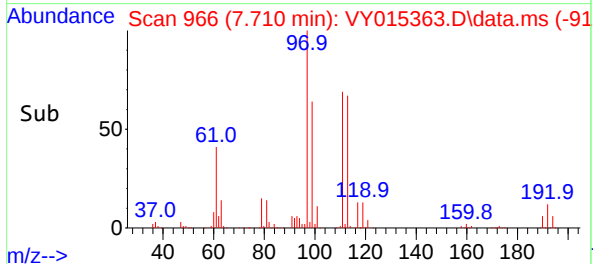
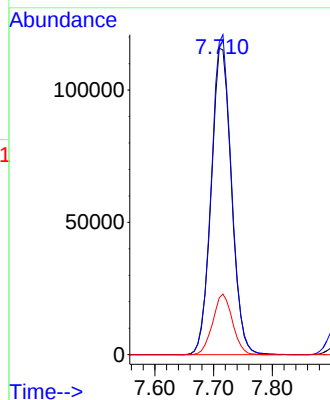
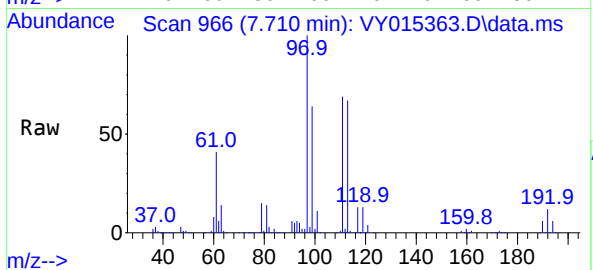




#35
Dibromofluoromethane
Concen: 148.426 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

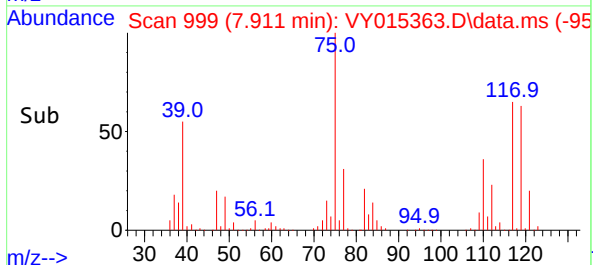
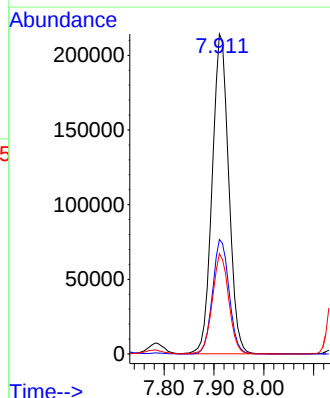
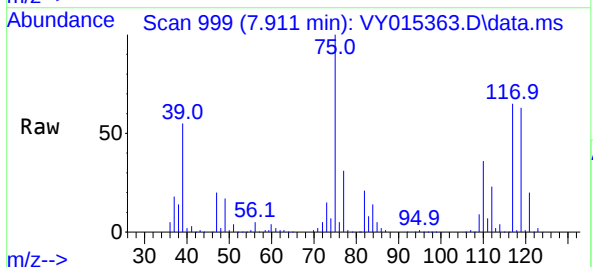
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

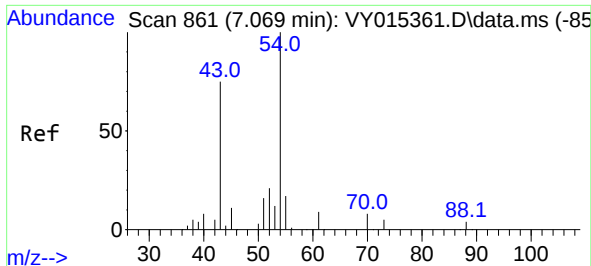
Tgt Ion:113 Resp: 277460
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 19.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 150.197 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion: 75 Resp: 493001
Ion Ratio Lower Upper
75 100
110 35.6 17.8 53.5
77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 146.419 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY015363.D

Acq: 29 Aug 2023 19:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

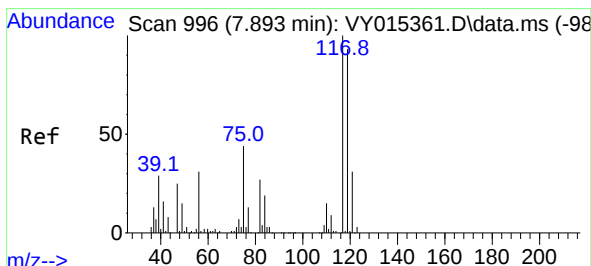
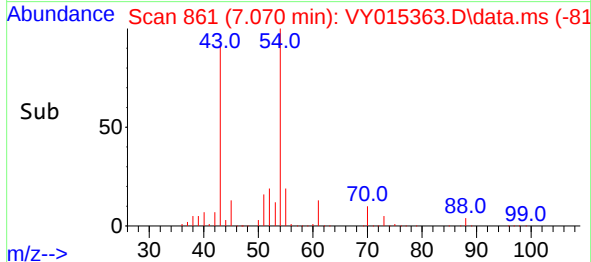
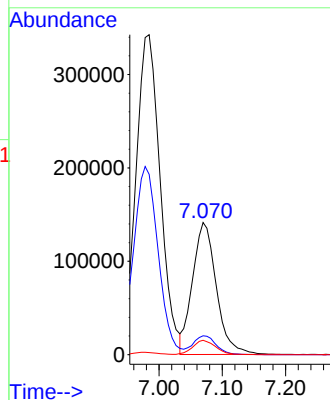
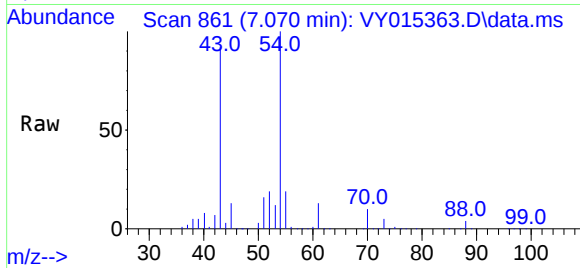
Tgt Ion: 43 Resp: 370663

Ion Ratio Lower Upper

43 100

61 13.9 10.1 15.1

70 10.5 7.1 10.7



#38

Carbon Tetrachloride

Concen: 151.607 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY015363.D

Acq: 29 Aug 2023 19:21

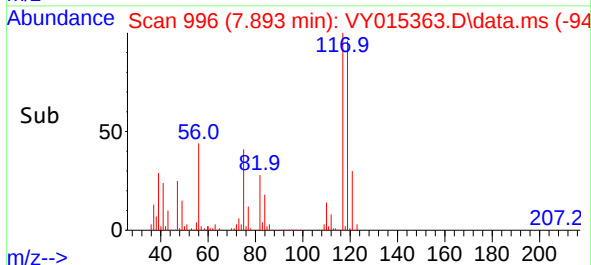
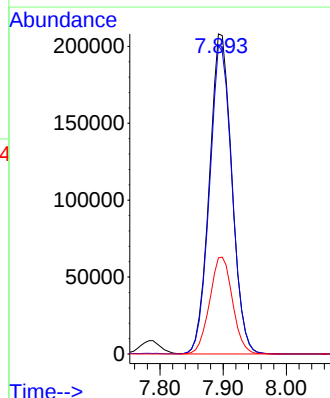
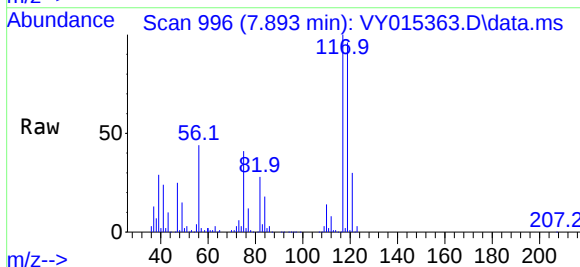
Tgt Ion: 117 Resp: 513958

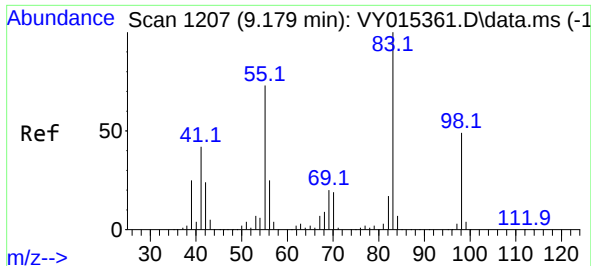
Ion Ratio Lower Upper

117 100

119 96.4 76.4 114.6

121 30.1 25.8 38.6

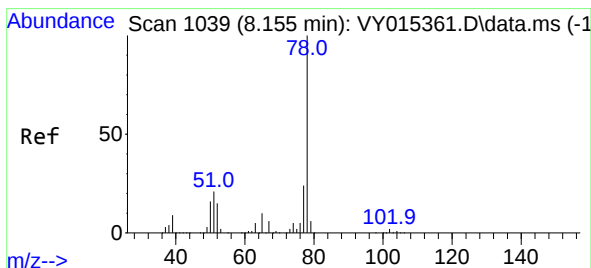
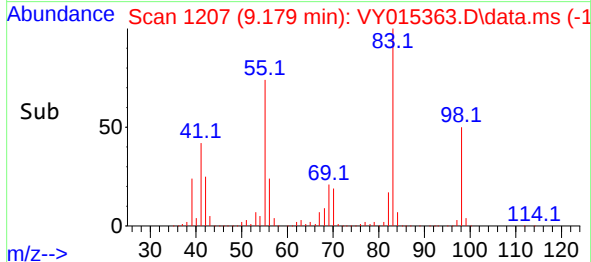
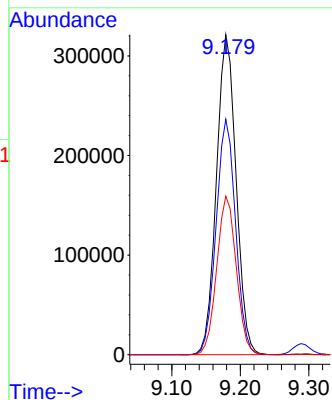
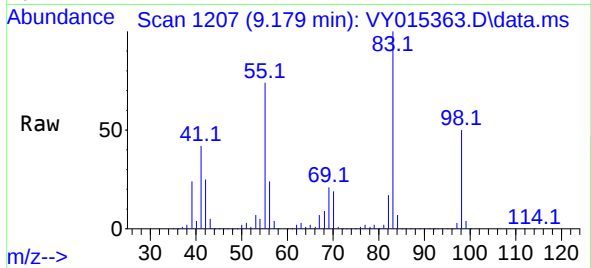




#39
Methylcyclohexane
Concen: 154.453 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

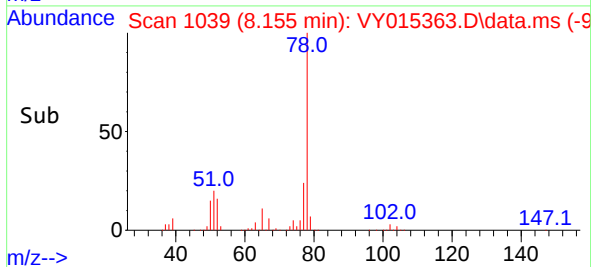
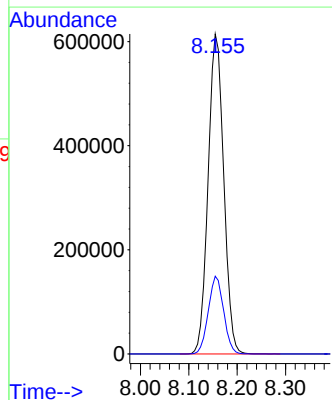
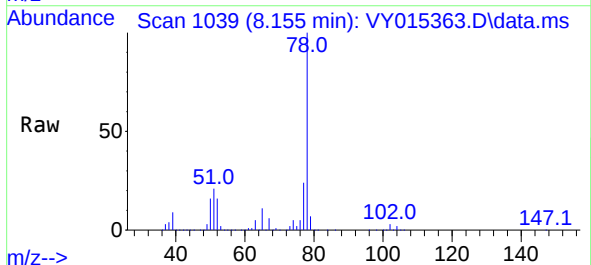
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

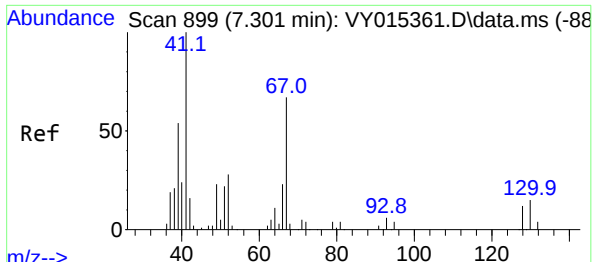
Tgt Ion: 83 Resp: 638252
Ion Ratio Lower Upper
83 100
55 73.6 63.0 94.4
98 49.6 37.4 56.2



#40
Benzene
Concen: 150.299 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion: 78 Resp: 1376401
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6

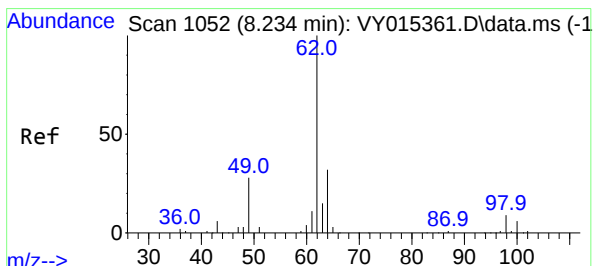
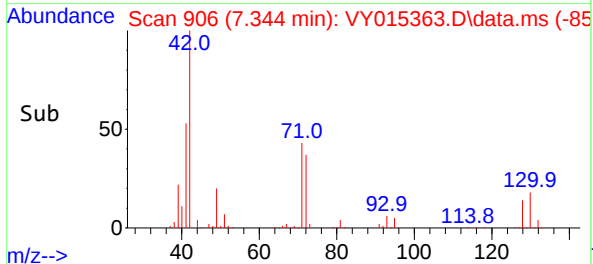
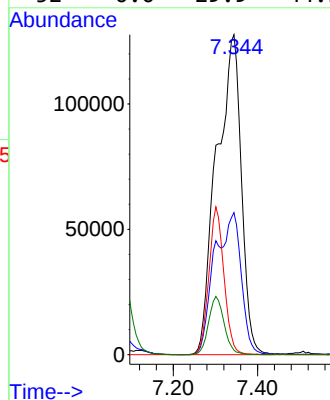
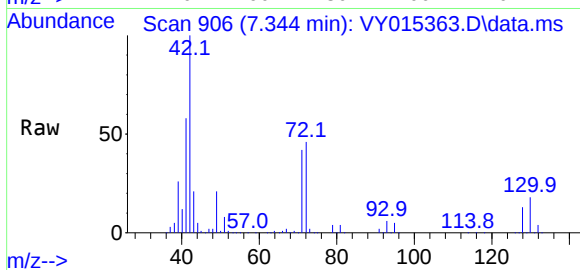




#41
Methacrylonitrile
Concen: 424.761 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.030 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

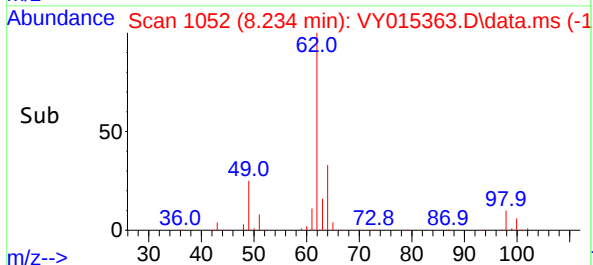
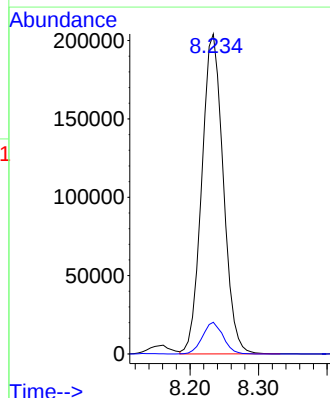
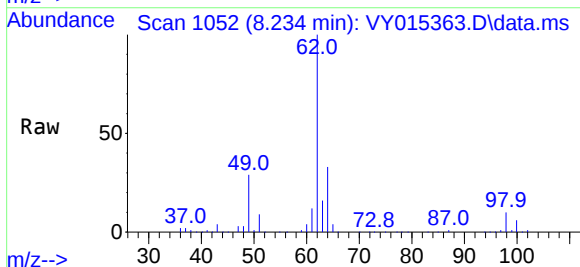
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

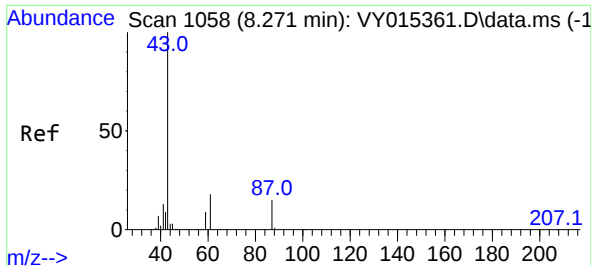
Tgt Ion: 41 Resp: 517564
Ion Ratio Lower Upper
41 100
39 23.7 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 145.876 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion: 62 Resp: 445464
Ion Ratio Lower Upper
62 100
98 9.5 0.0 15.8

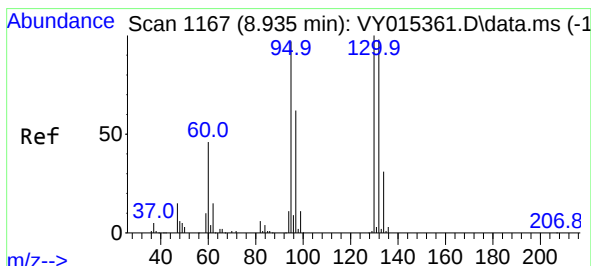
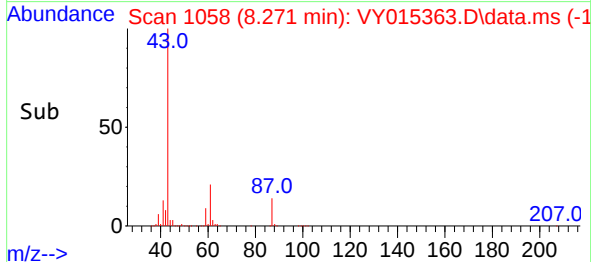
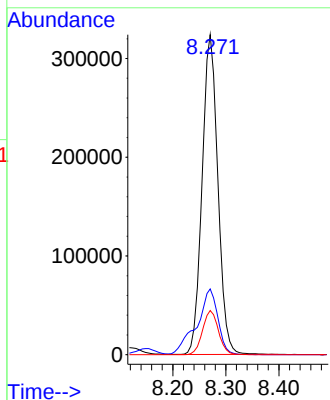
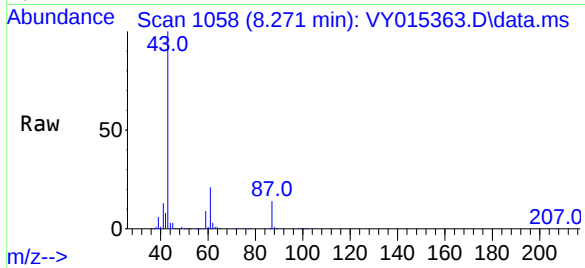




#43
Isopropyl Acetate
Concen: 152.768 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

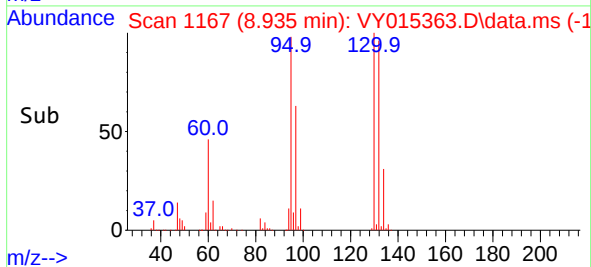
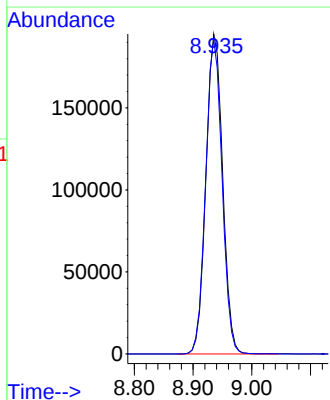
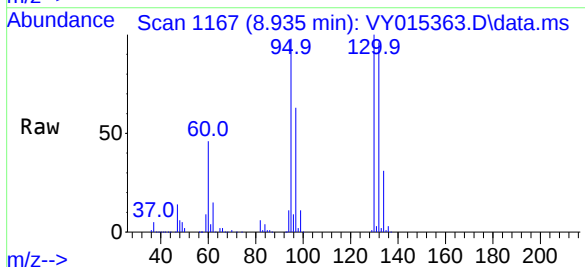
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

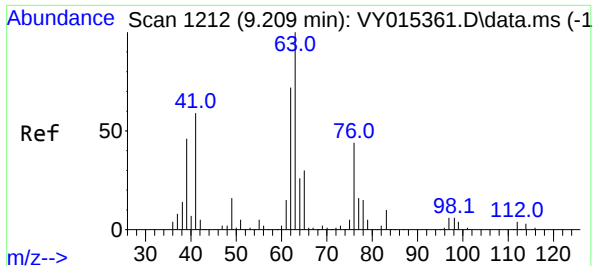
Tgt Ion: 43 Resp: 668753
Ion Ratio Lower Upper
43 100
61 27.6 21.1 31.7
87 13.9 9.8 14.8



#44
Trichloroethene
Concen: 148.506 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion:130 Resp: 384786
Ion Ratio Lower Upper
130 100
95 98.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 150.357 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY015363.D

Acq: 29 Aug 2023 19:21

Instrument :

MSVOA_Y

ClientSampleId :

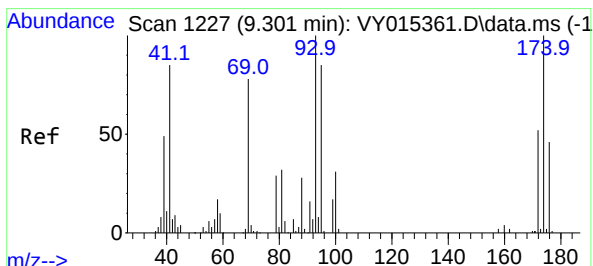
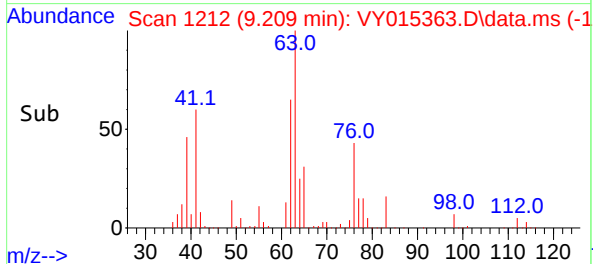
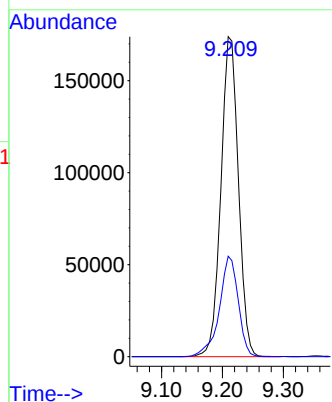
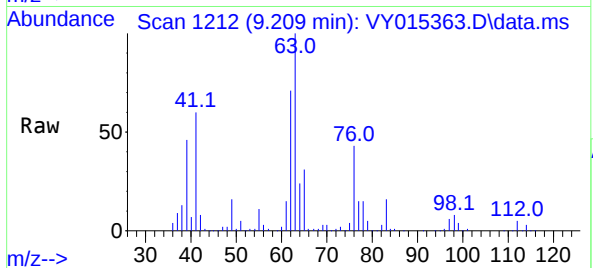
VSTDIC150

Tgt Ion: 63 Resp: 347111

Ion Ratio Lower Upper

63 100

65 31.4 23.8 35.6



#46

Dibromomethane

Concen: 147.633 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY015363.D

Acq: 29 Aug 2023 19:21

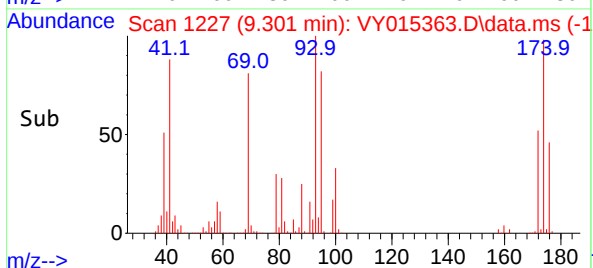
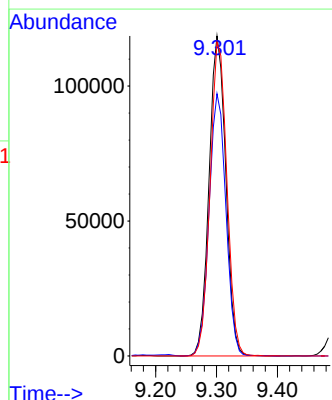
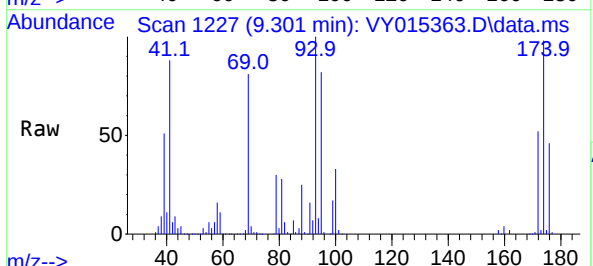
Tgt Ion: 93 Resp: 226394

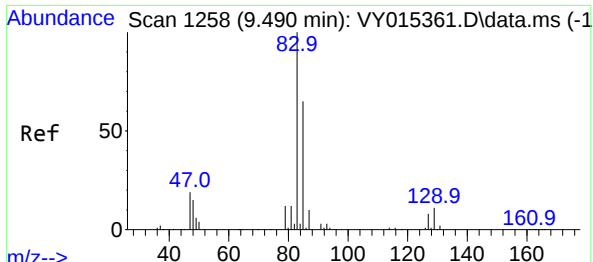
Ion Ratio Lower Upper

93 100

95 82.5 66.6 100.0

174 98.4 84.8 127.2

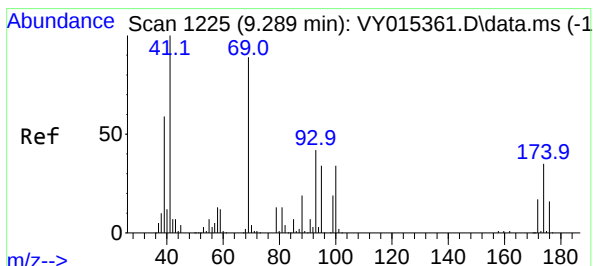
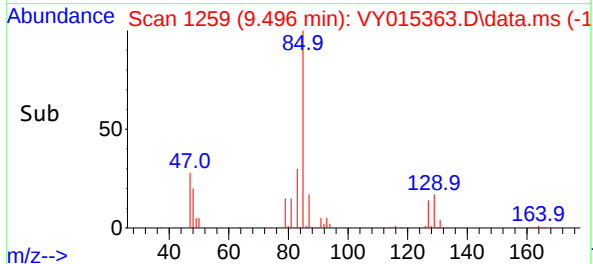
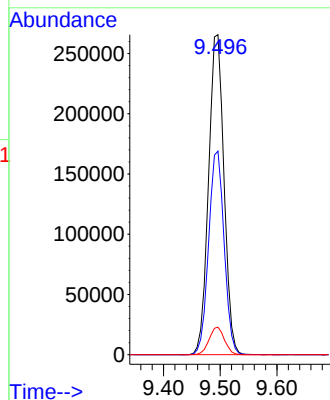
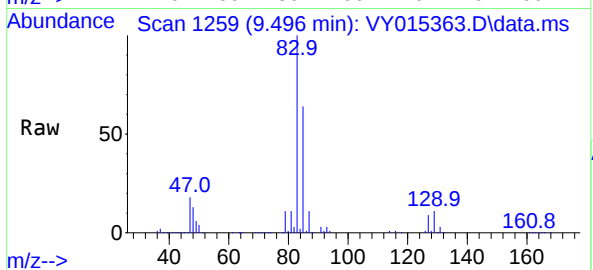




#47
Bromodichloromethane
Concen: 153.045 ug/l
RT: 9.496 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

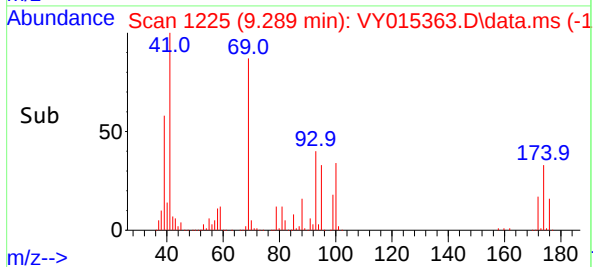
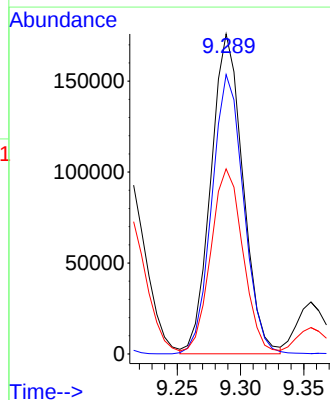
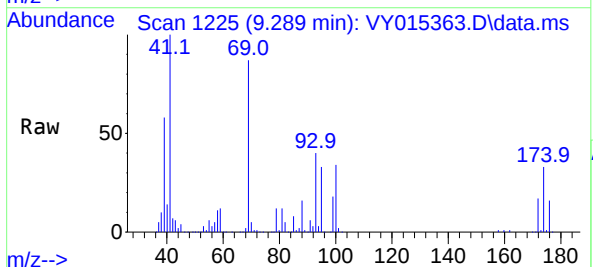
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

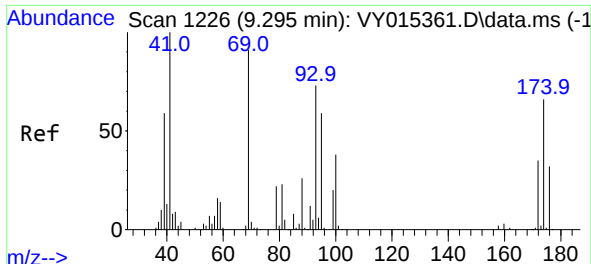
Tgt Ion: 83 Resp: 501898
Ion Ratio Lower Upper
83 100
85 63.6 50.1 75.1
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 154.539 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion: 41 Resp: 310389
Ion Ratio Lower Upper
41 100
69 86.7 64.5 96.7
39 56.5 50.8 76.2

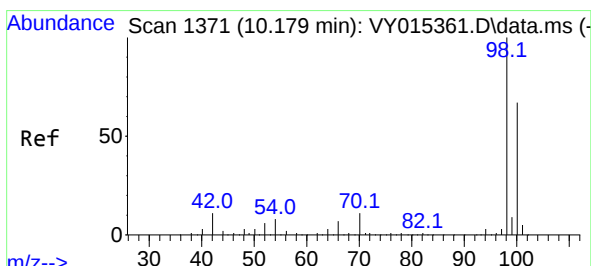
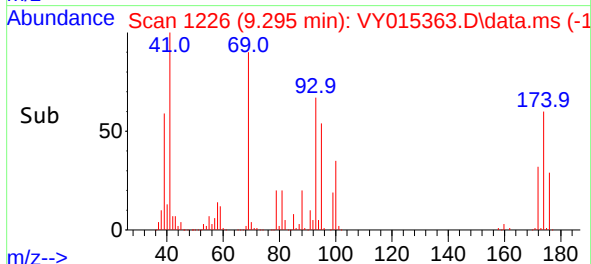
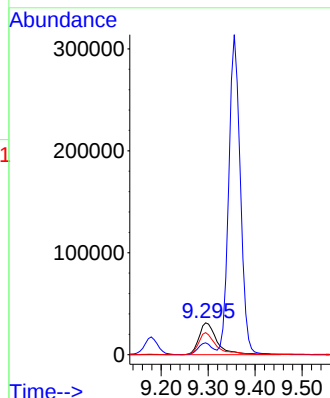
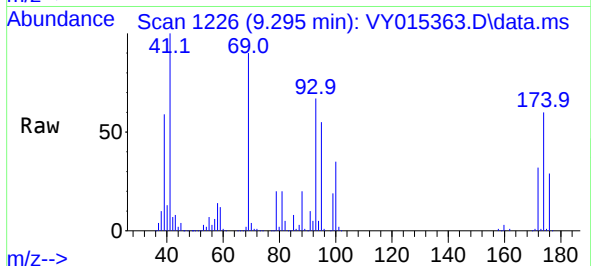




#49
1,4-Dioxane
Concen: 2941.658 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

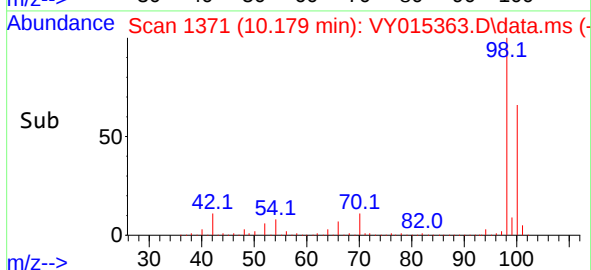
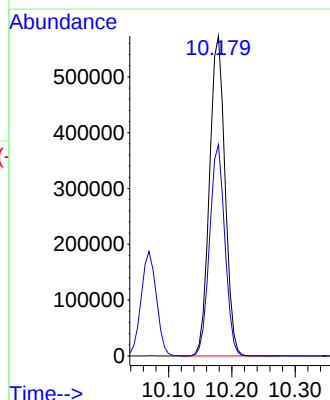
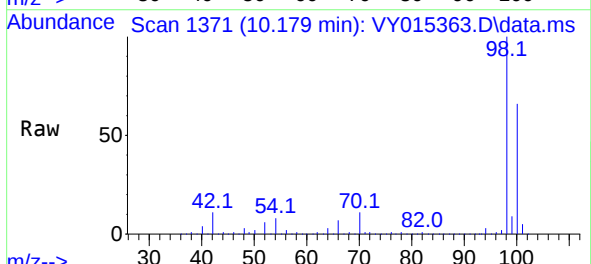
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

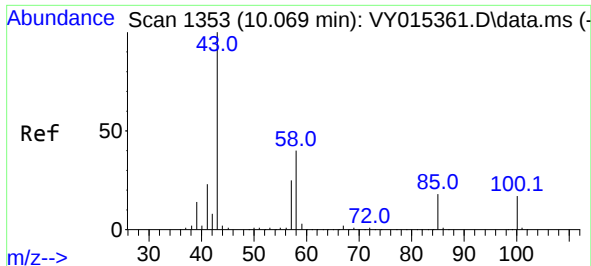
Tgt Ion: 88 Resp: 83790
Ion Ratio Lower Upper
88 100
43 29.2 0.0 0.0#
58 69.0 30.9 46.3#



#50
Toluene-d8
Concen: 144.456 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion: 98 Resp: 977910
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

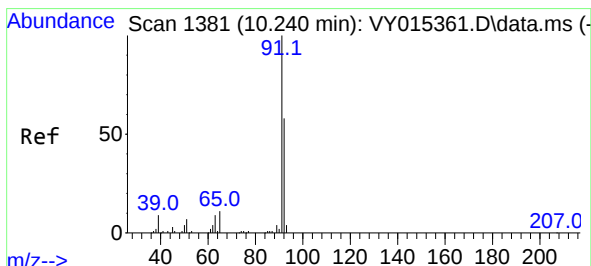
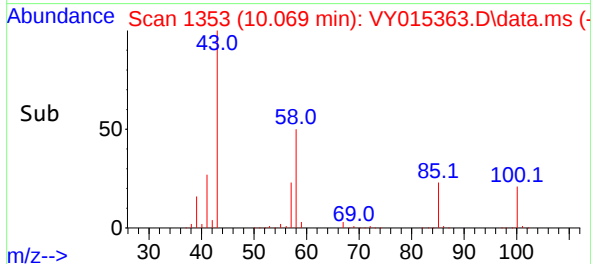
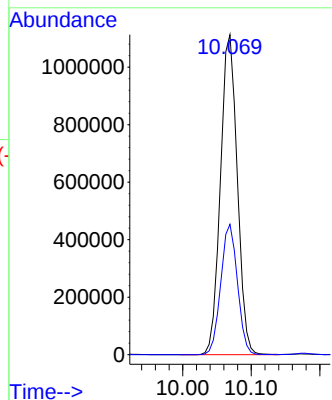
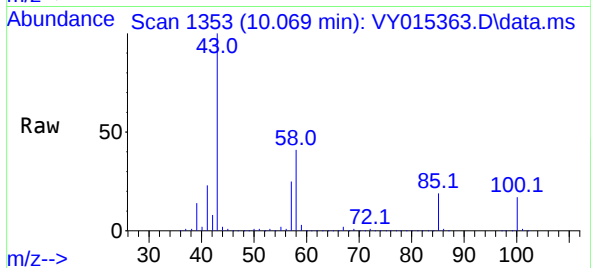




#51
4-Methyl-2-Pentanone
Concen: 744.091 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

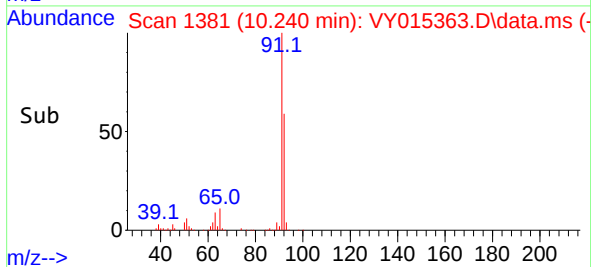
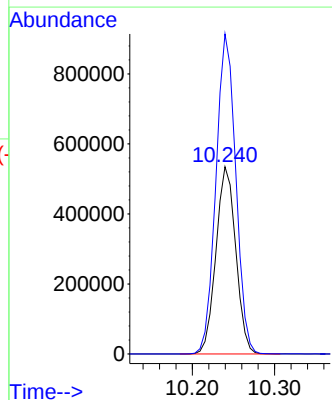
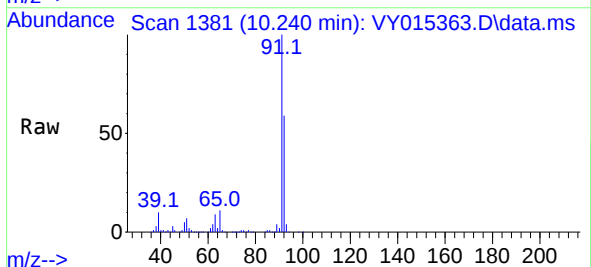
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

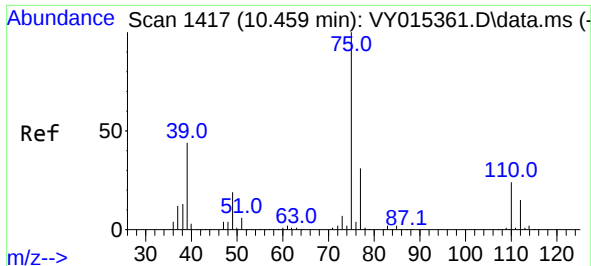
Tgt Ion: 43 Resp: 1893221
Ion Ratio Lower Upper
43 100
58 40.3 29.0 43.6



#52
Toluene
Concen: 152.259 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion: 92 Resp: 893692
Ion Ratio Lower Upper
92 100
91 171.7 143.8 215.6

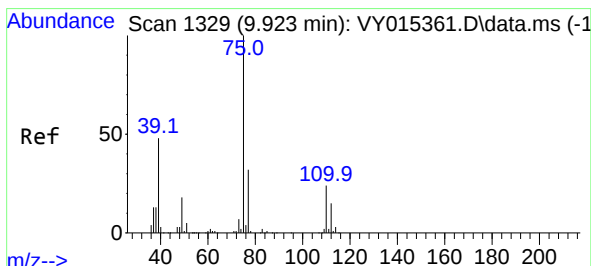
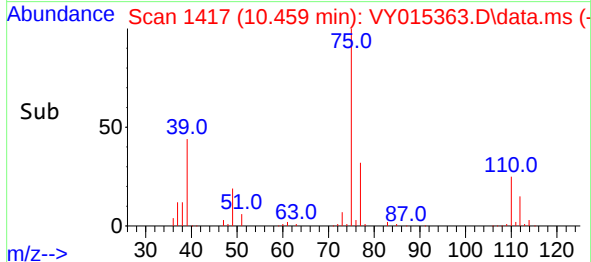
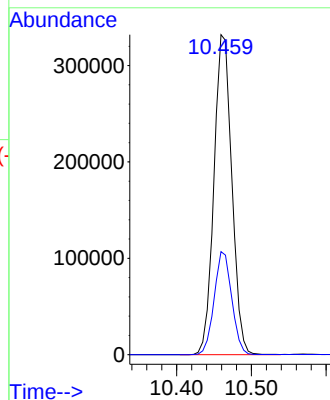
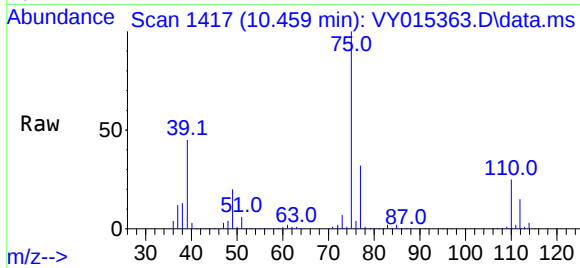




#53
t-1,3-Dichloropropene
Concen: 158.770 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

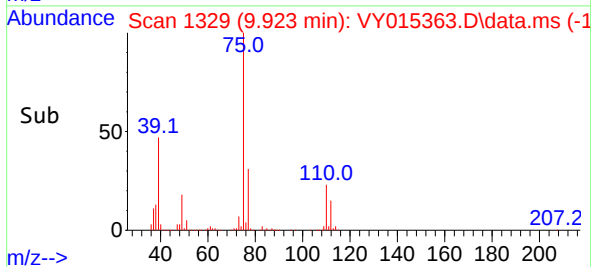
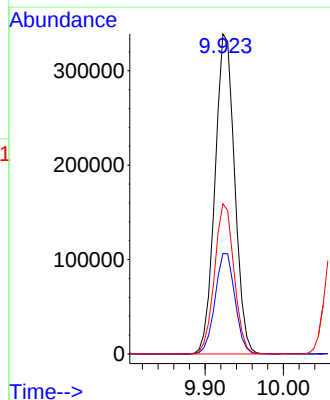
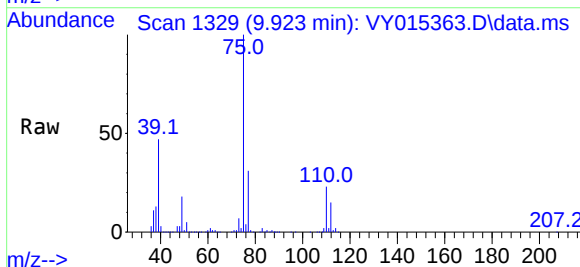
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

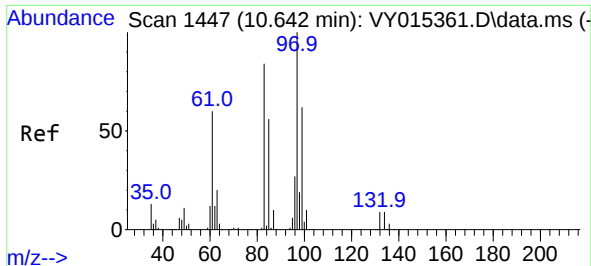
Tgt Ion: 75 Resp: 553345
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 155.961 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

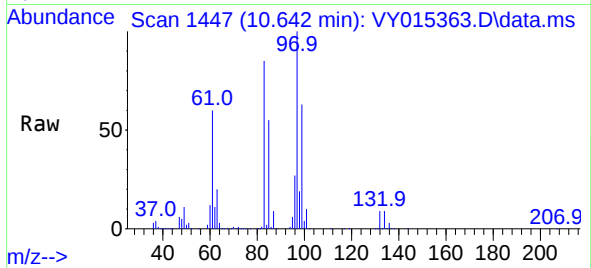
Tgt Ion: 75 Resp: 591285
Ion Ratio Lower Upper
75 100
77 31.4 24.2 36.4
39 46.9 42.2 63.4





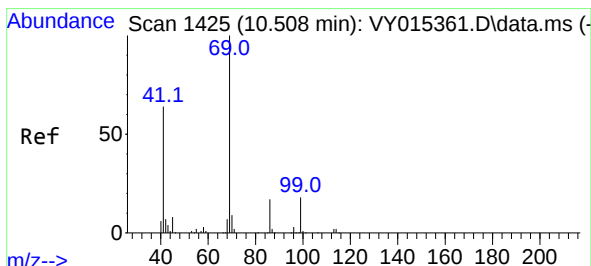
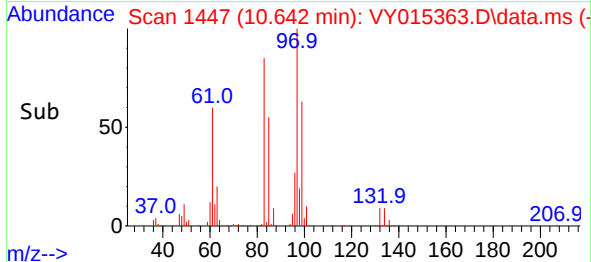
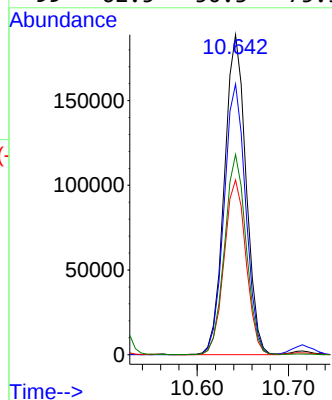
#55
1,1,2-Trichloroethane
Concen: 150.504 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 97 Resp: 310978

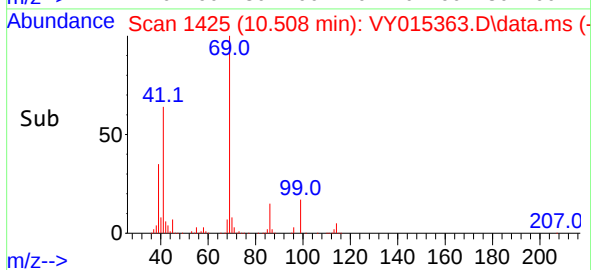
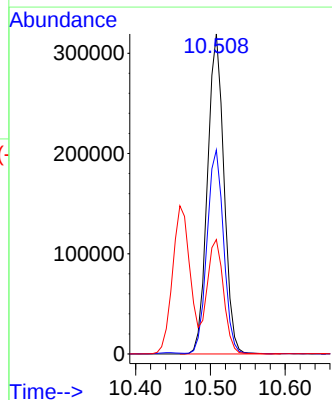
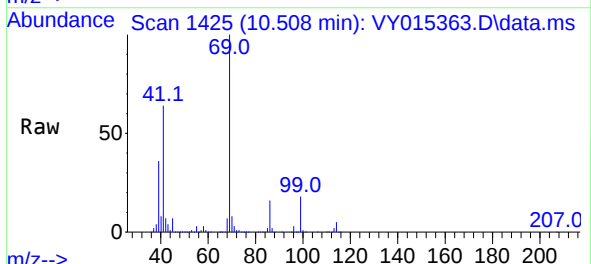
Ion	Ratio	Lower	Upper
97	100		
83	84.5	72.0	108.0
85	54.6	45.4	68.0
99	62.5	50.3	75.5

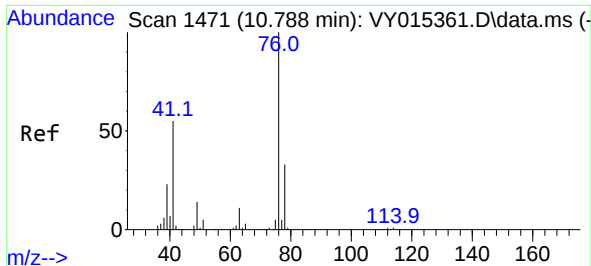


#56
Ethyl methacrylate
Concen: 159.834 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion: 69 Resp: 489405

Ion	Ratio	Lower	Upper
69	100		
41	64.2	57.6	86.4
39	35.9	34.1	51.1





#57

1,3-Dichloropropane

Concen: 148.770 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015363.D

Acq: 29 Aug 2023 19:21

Instrument :

MSVOA_Y

ClientSampleId :

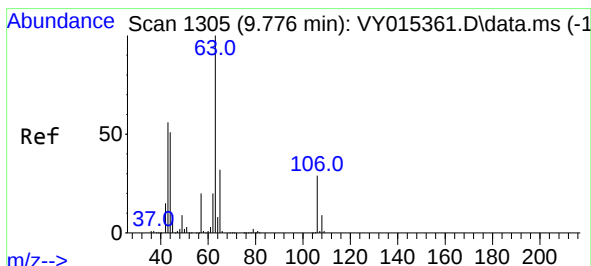
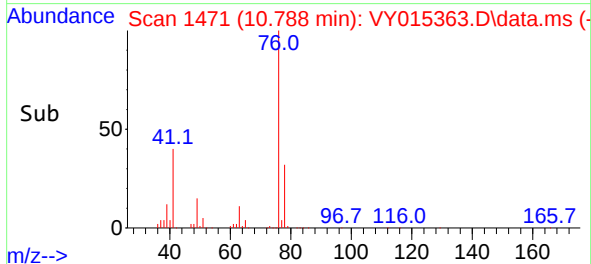
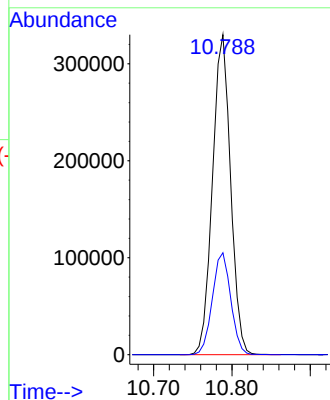
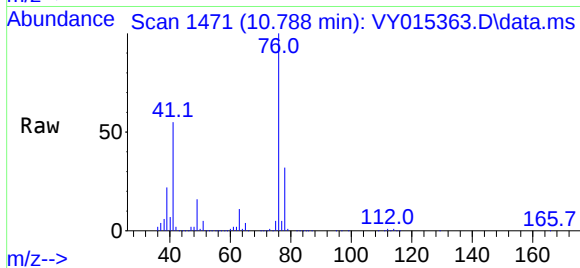
VSTDIC150

Tgt Ion: 76 Resp: 529142

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 735.529 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY015363.D

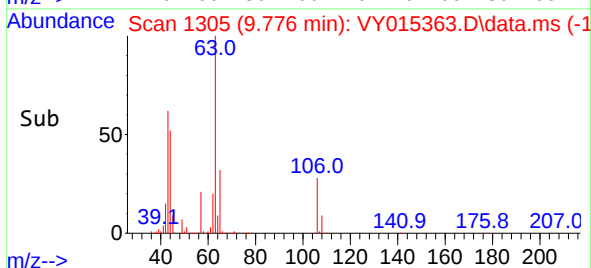
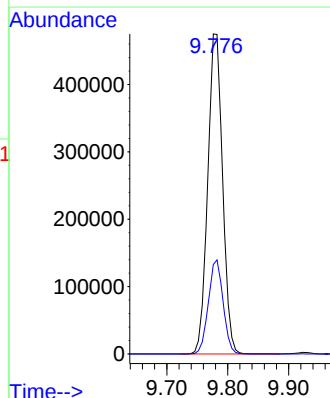
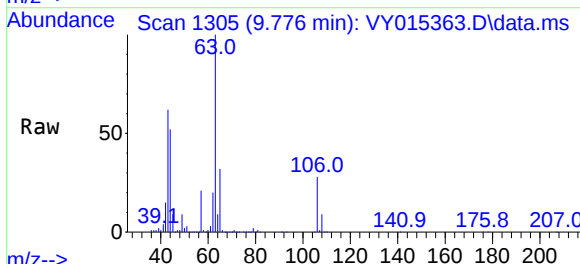
Acq: 29 Aug 2023 19:21

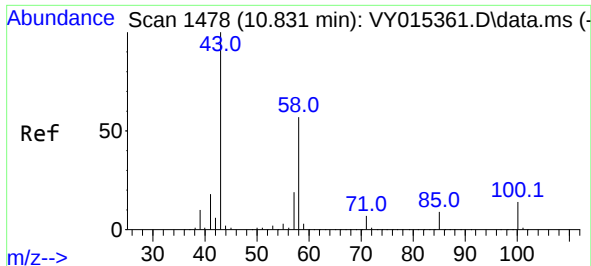
Tgt Ion: 63 Resp: 803873

Ion Ratio Lower Upper

63 100

106 29.1 21.2 31.8

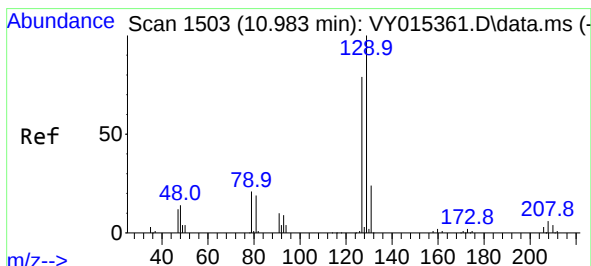
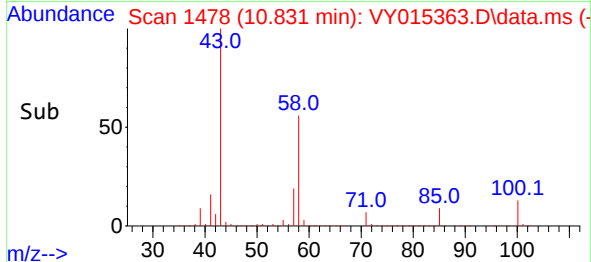
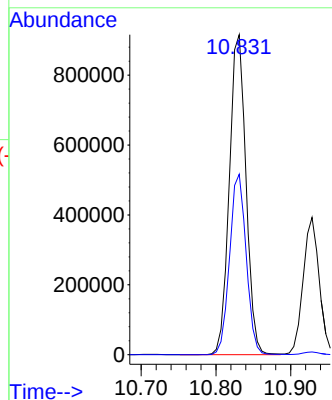
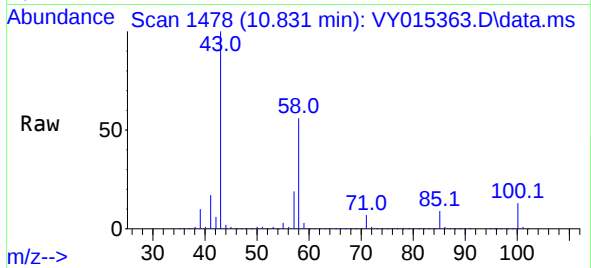




#59
2-Hexanone
Concen: 744.075 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

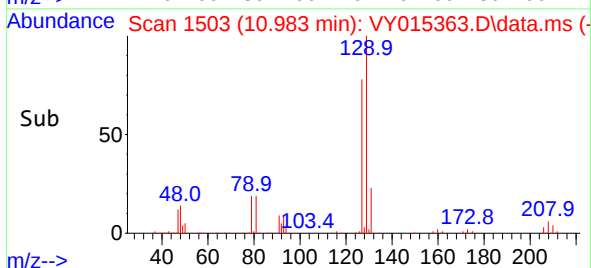
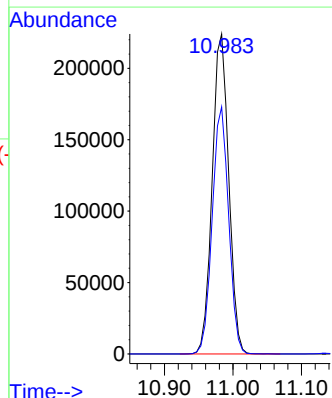
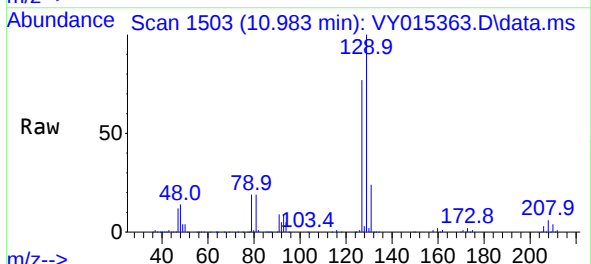
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

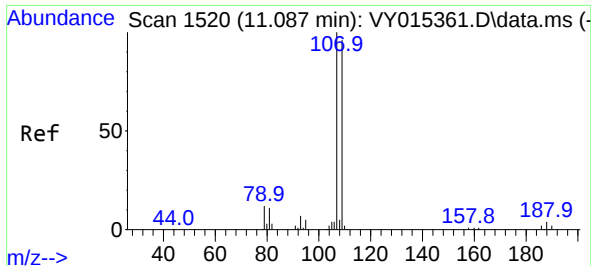
Tgt Ion: 43 Resp: 1420547
Ion Ratio Lower Upper
43 100
58 56.2 25.1 75.3



#60
Dibromochloromethane
Concen: 154.845 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion:129 Resp: 374484
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5

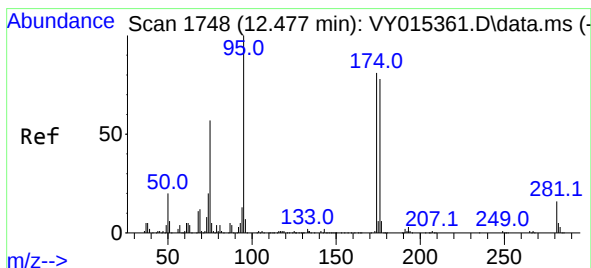
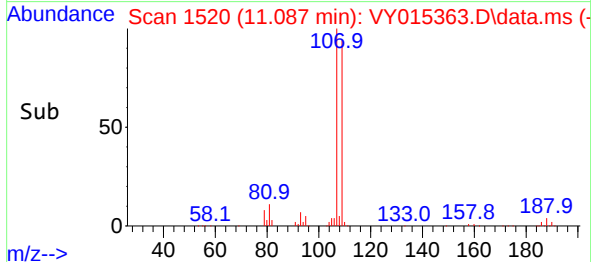
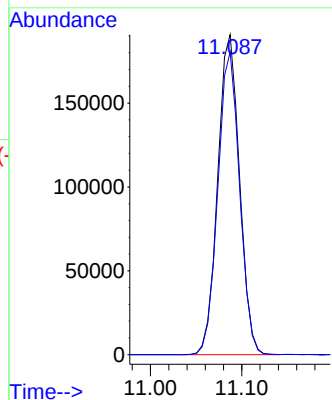
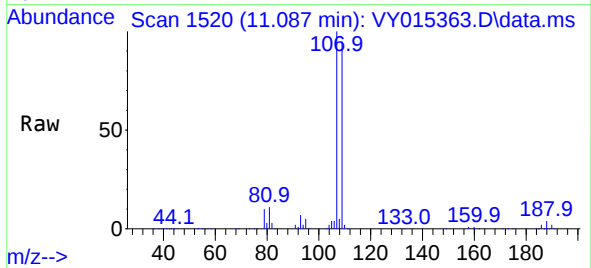




#61
1,2-Dibromoethane
Concen: 150.722 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

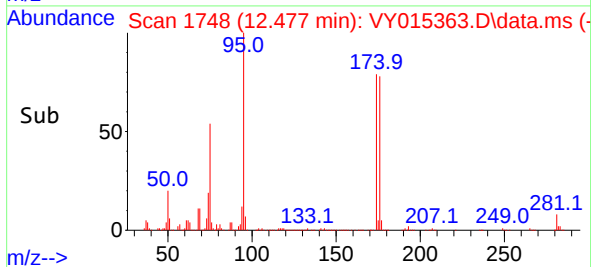
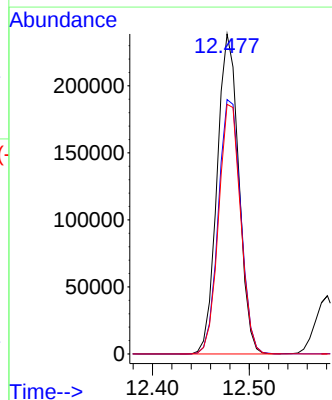
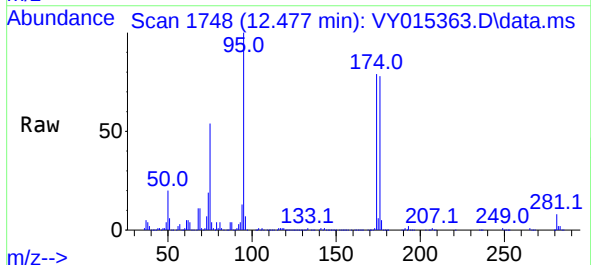
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

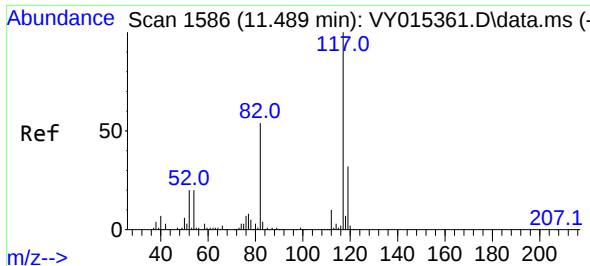
Tgt Ion:107 Resp: 315565
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 147.512 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion: 95 Resp: 370716
Ion Ratio Lower Upper
95 100
174 82.1 0.0 178.2
176 79.1 0.0 173.8

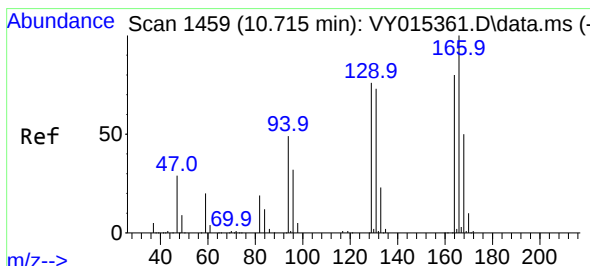
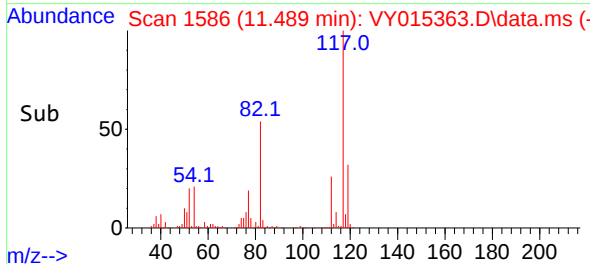
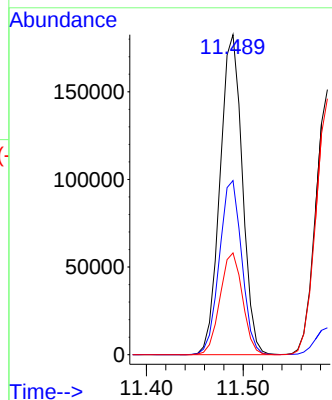
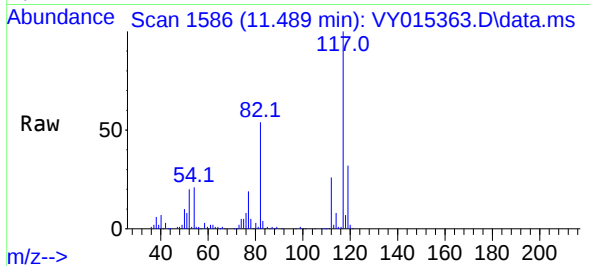




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

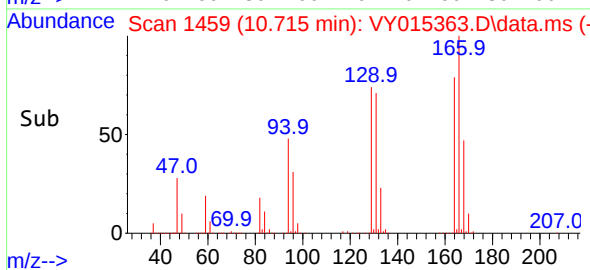
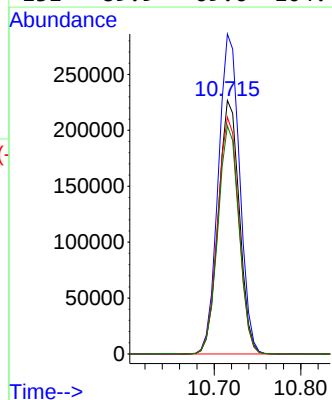
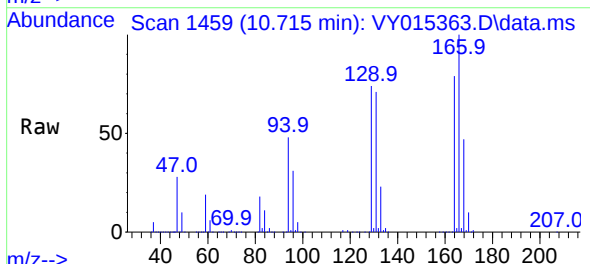
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

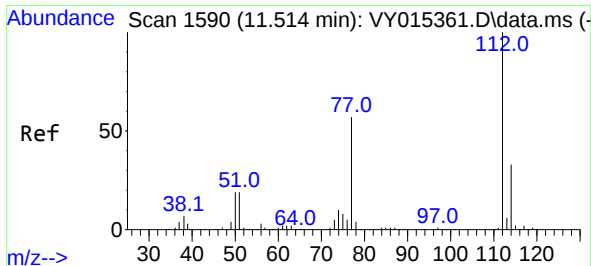
Tgt Ion:117 Resp: 292130
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 31.8 26.3 39.5



#64
Tetrachloroethene
Concen: 144.232 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion:164 Resp: 382439
Ion Ratio Lower Upper
164 100
166 126.2 103.0 154.6
129 93.4 77.2 115.8
131 89.9 69.6 104.4

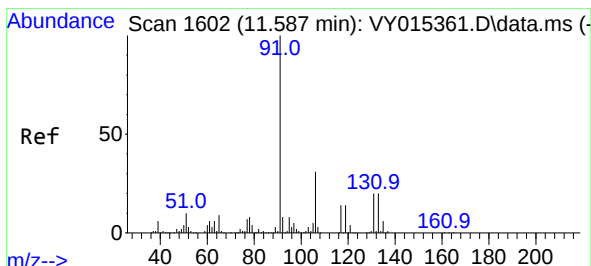
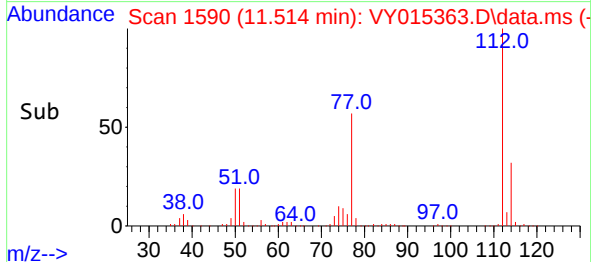
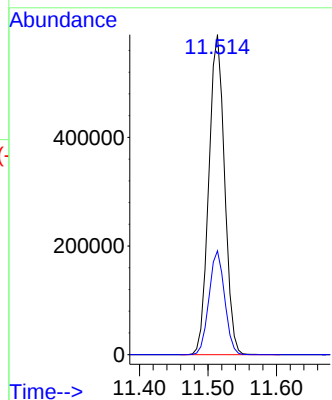
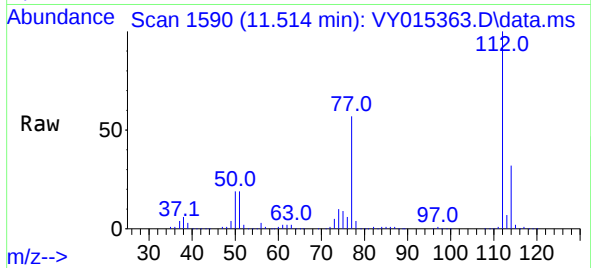




#65
Chlorobenzene
Concen: 150.050 ug/l
RT: 11.514 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

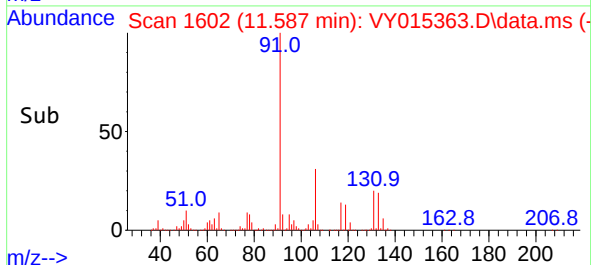
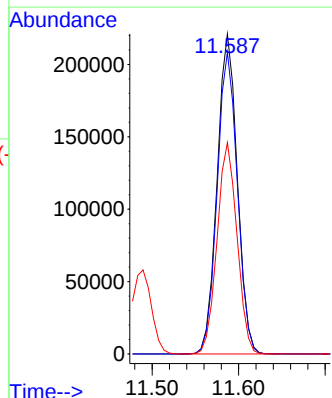
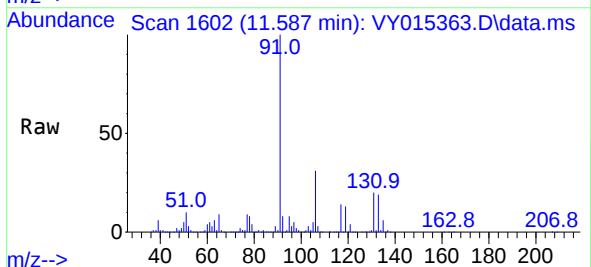
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

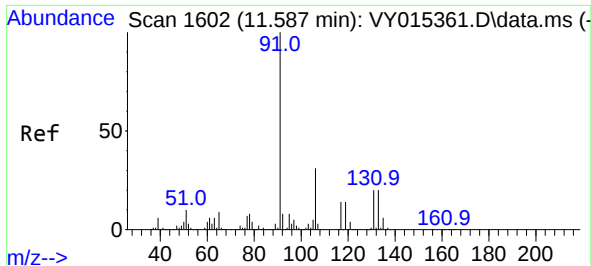
Tgt Ion:112 Resp: 944570
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 154.814 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion:131 Resp: 356705
Ion Ratio Lower Upper
131 100
133 94.6 47.5 142.6
119 65.4 31.6 94.7

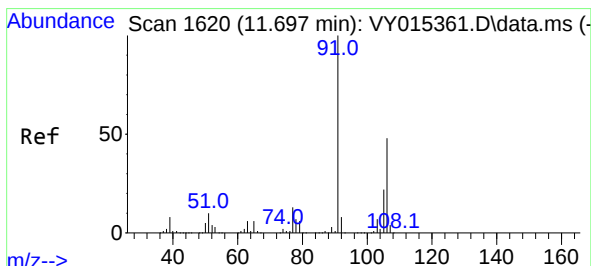
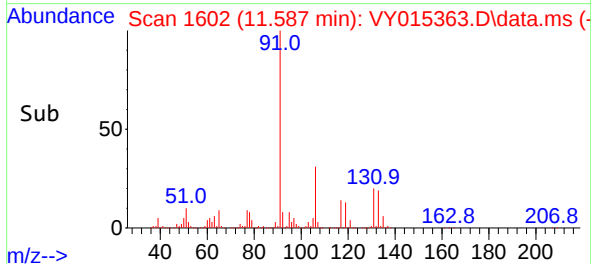
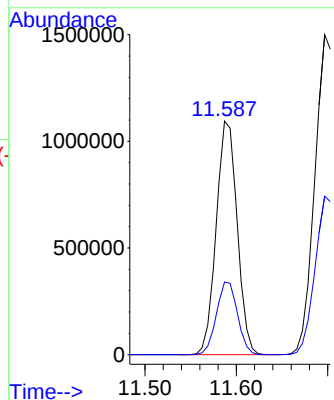
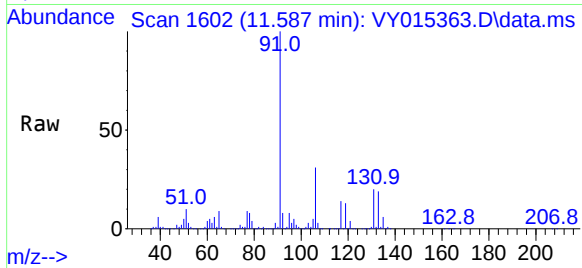




#67
Ethyl Benzene
Concen: 154.511 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

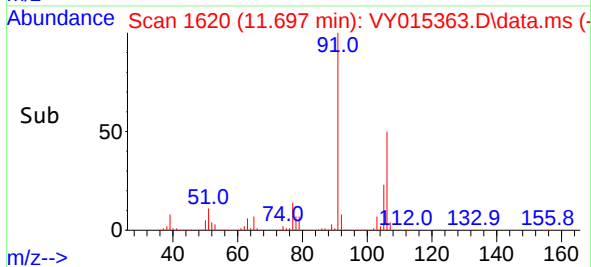
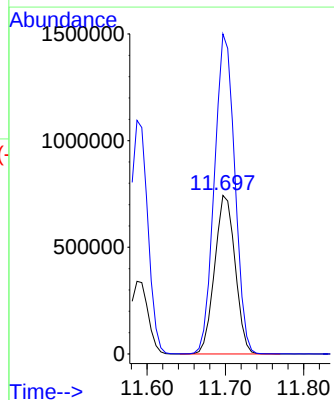
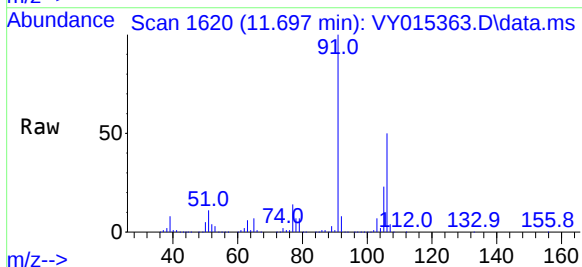
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

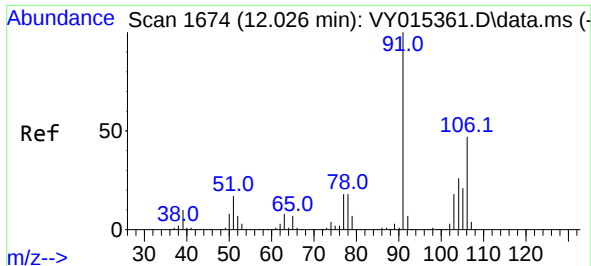
Tgt Ion: 91 Resp: 1746522
Ion Ratio Lower Upper
91 100
106 31.1 24.6 36.8



#68
m/p-Xylenes
Concen: 308.064 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion: 106 Resp: 1349766
Ion Ratio Lower Upper
106 100
91 201.0 166.1 249.1

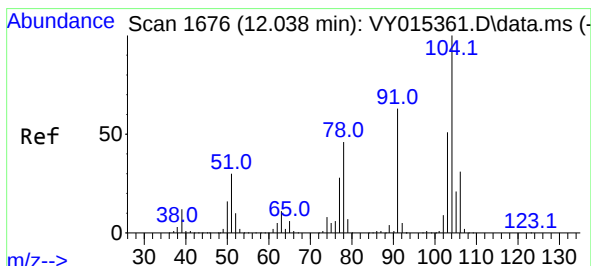
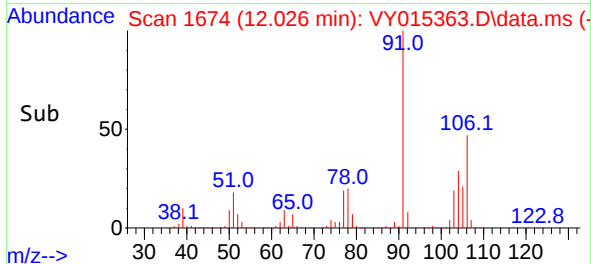
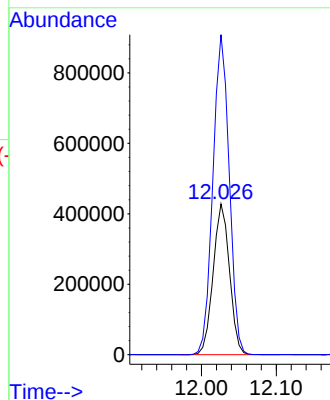
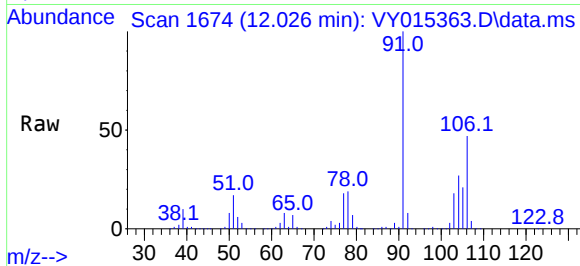




#69
o-Xylene
Concen: 155.196 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

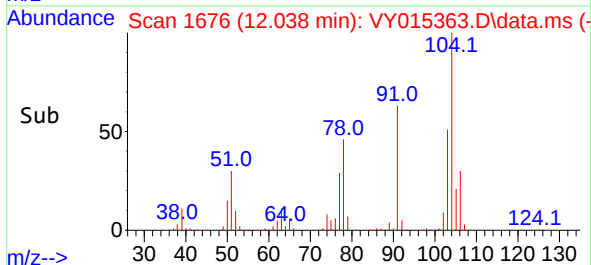
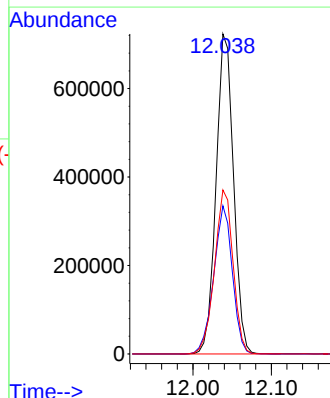
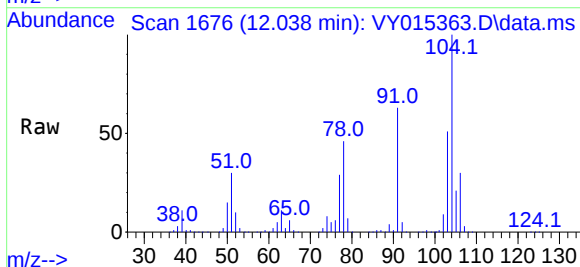
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

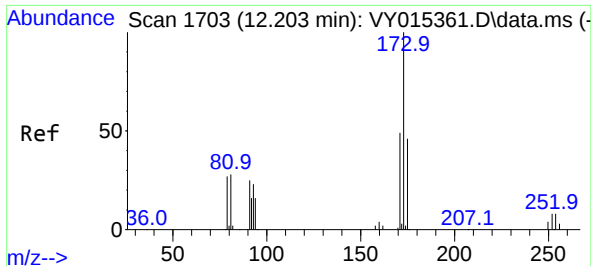
Tgt Ion:106 Resp: 649855
Ion Ratio Lower Upper
106 100
91 212.3 108.1 324.3



#70
Styrene
Concen: 159.057 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion:104 Resp: 1119863
Ion Ratio Lower Upper
104 100
78 49.4 41.5 62.3
103 54.6 44.6 67.0

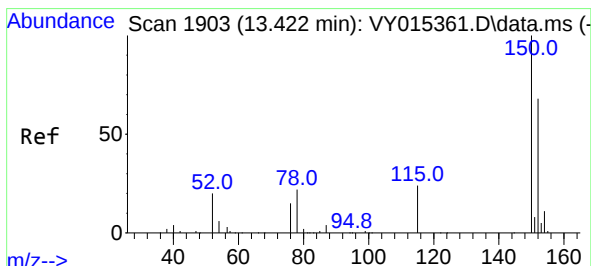
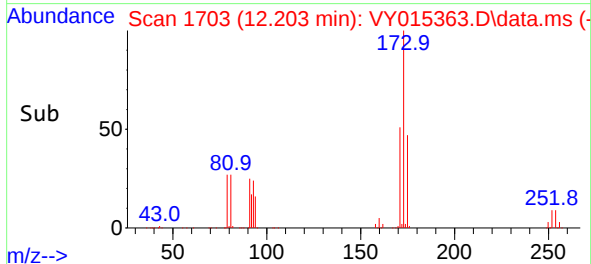
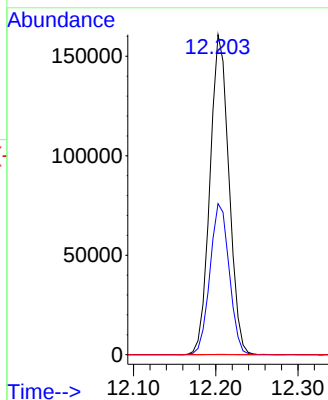
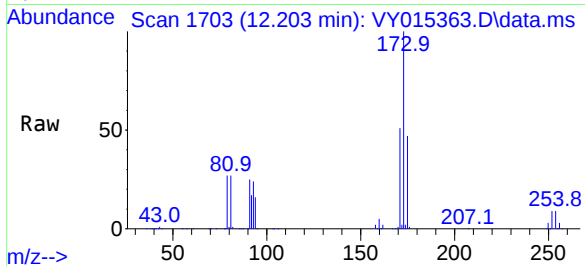




#71
Bromoform
Concen: 160.244 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

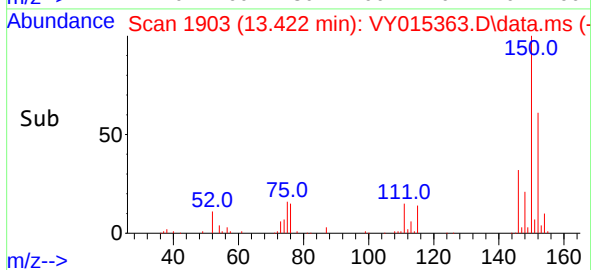
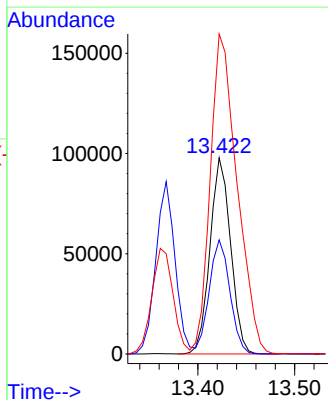
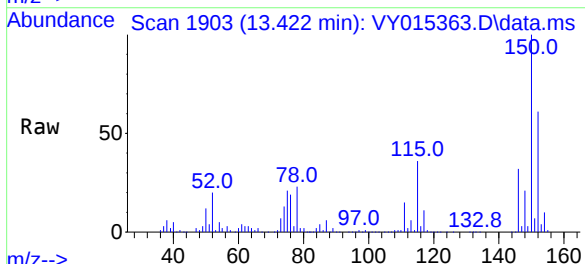
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

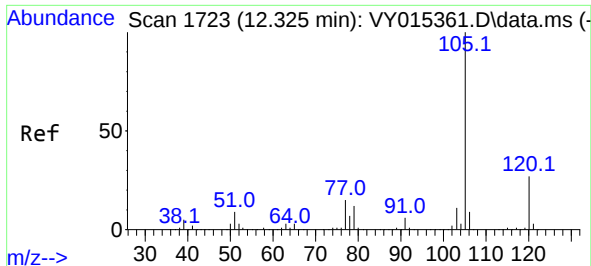
Tgt Ion:173 Resp: 257553
Ion Ratio Lower Upper
173 100
175 47.8 24.6 73.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion:152 Resp: 145226
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.5
150 212.1 0.0 348.8

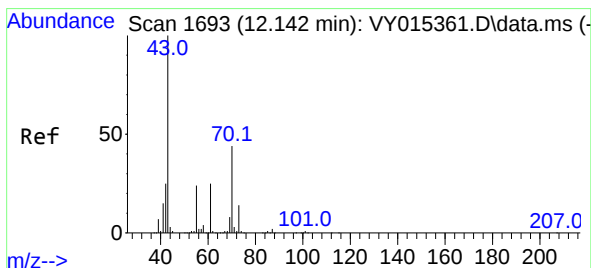
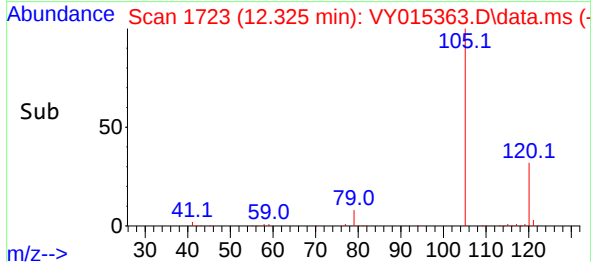
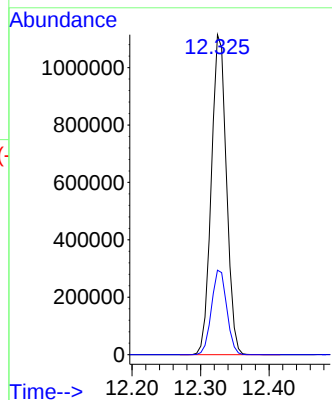
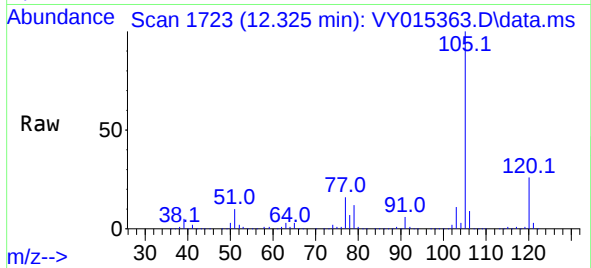




#73
Isopropylbenzene
Concen: 156.725 ug/l
RT: 12.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

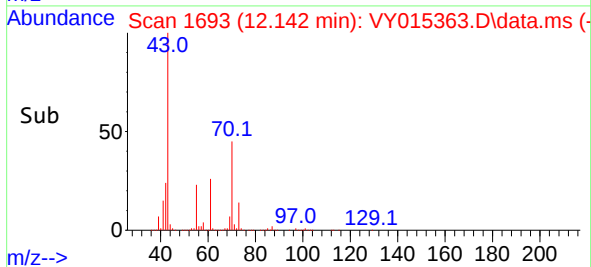
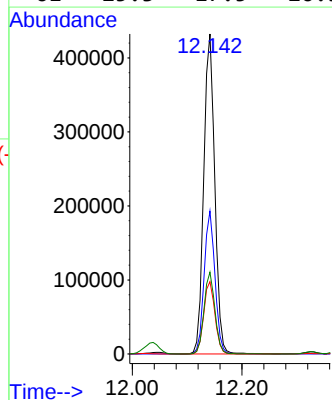
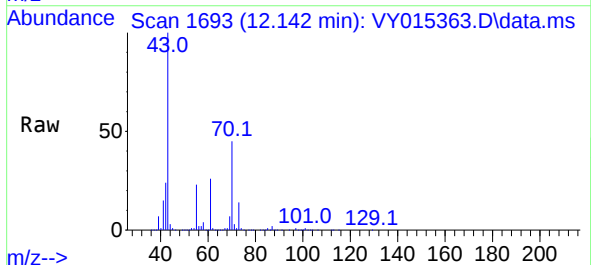
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

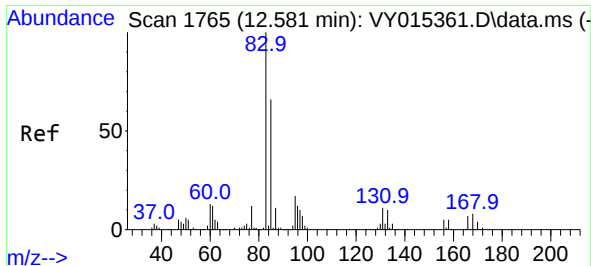
Tgt Ion:105 Resp: 1709618
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9



#74
N-ethyl acetate
Concen: 164.414 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion: 43 Resp: 602549
Ion Ratio Lower Upper
43 100
70 44.1 29.7 44.5
55 23.1 18.3 27.5
61 25.3 17.5 26.3

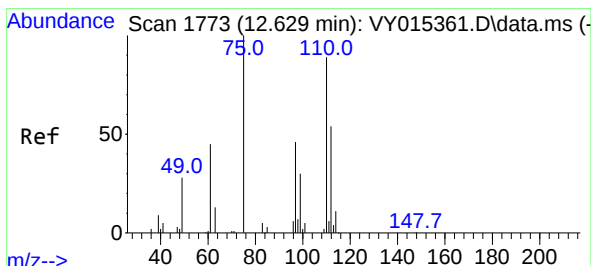
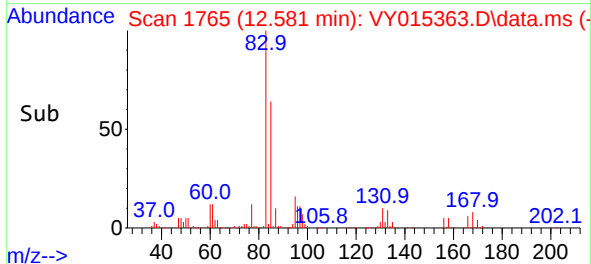
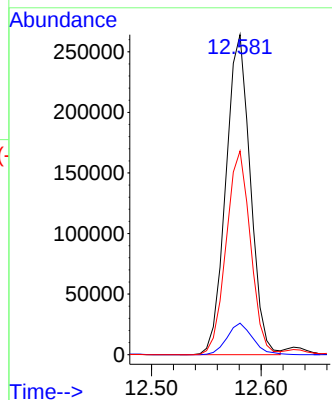
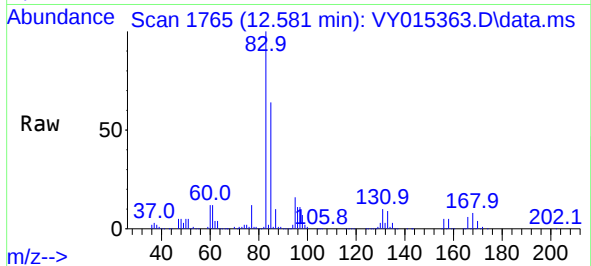




#75
1,1,2,2-Tetrachloroethane
Concen: 157.202 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

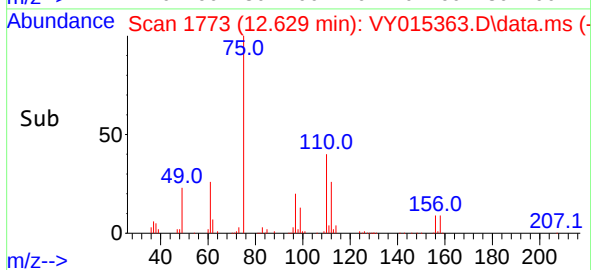
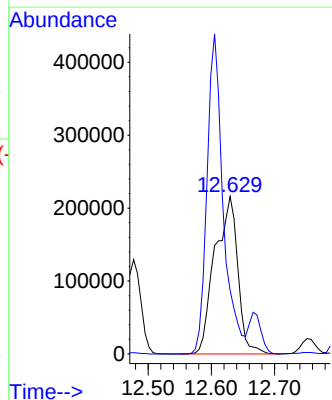
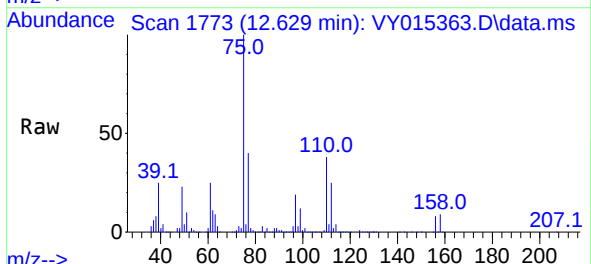
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

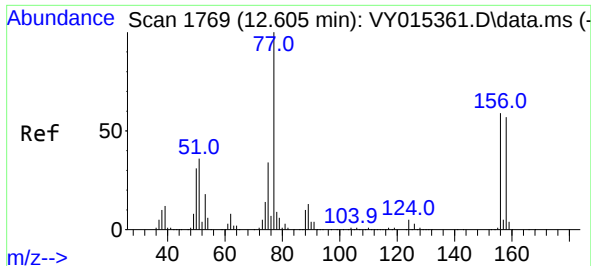
Tgt Ion: 83 Resp: 409361
Ion Ratio Lower Upper
83 100
131 10.3 5.4 16.2
85 63.5 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 282.480 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion: 75 Resp: 541735
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

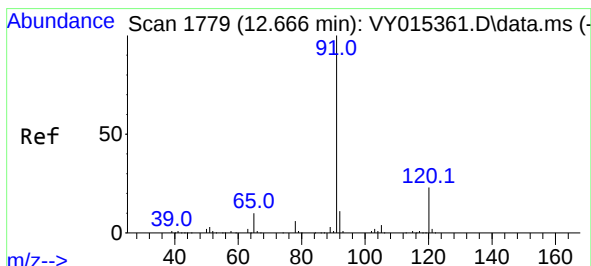
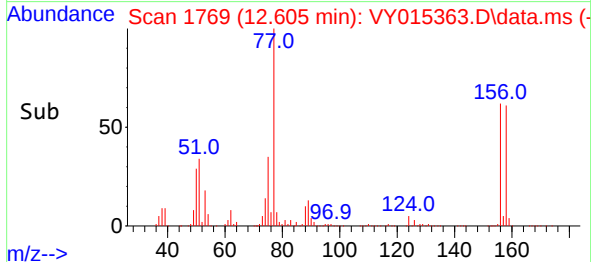
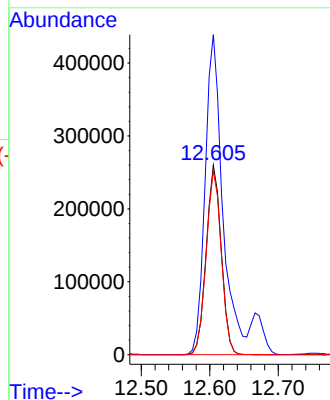
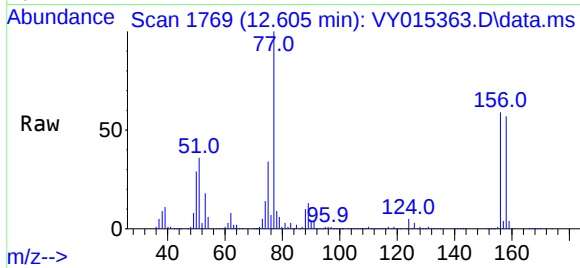




#77
Bromobenzene
Concen: 154.123 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

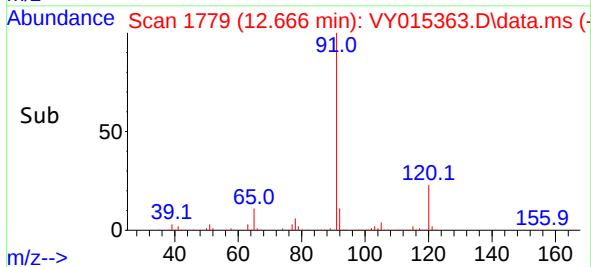
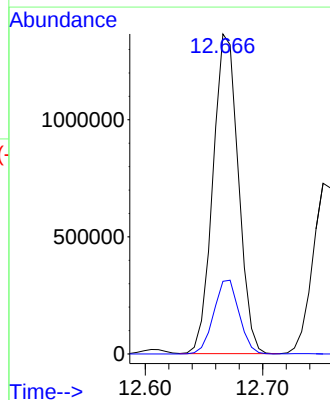
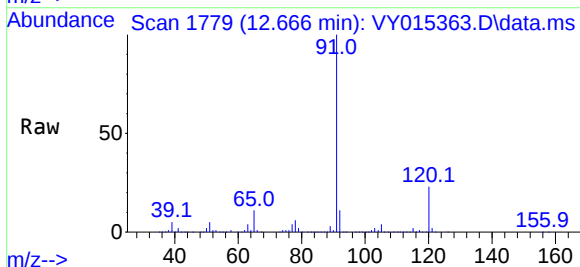
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

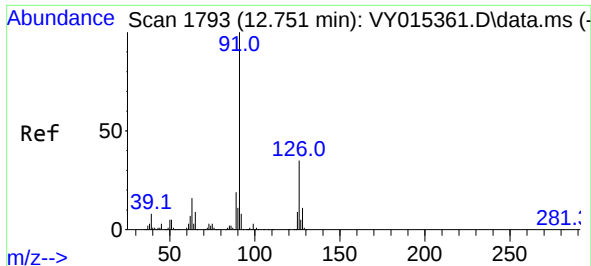
Tgt Ion:156 Resp: 398193
Ion Ratio Lower Upper
156 100
77 196.3 92.8 278.6
158 97.3 48.4 145.3



#78
n-propylbenzene
Concen: 155.504 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion: 91 Resp: 2052573
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 155.145 ug/l

RT: 12.751 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015363.D

Acq: 29 Aug 2023 19:21

Instrument :

MSVOA_Y

ClientSampleId :

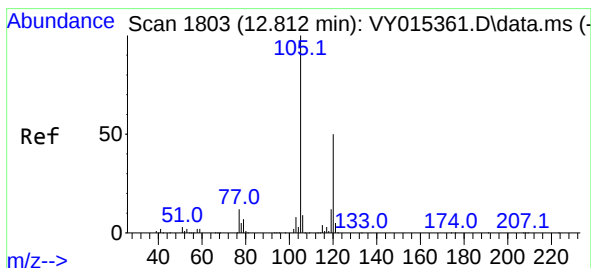
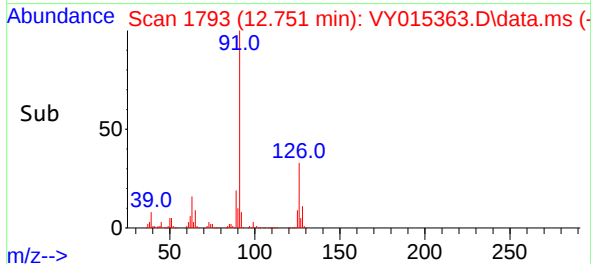
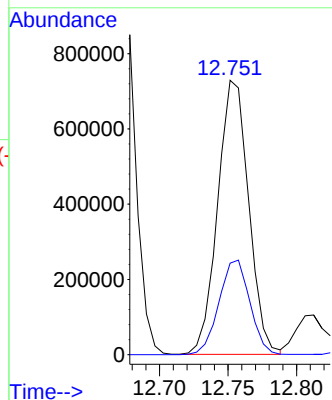
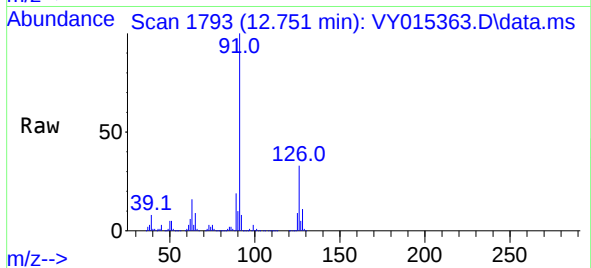
VSTDIC150

Tgt Ion: 91 Resp: 1148601

Ion Ratio Lower Upper

91 100

126 34.3 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 155.417 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015363.D

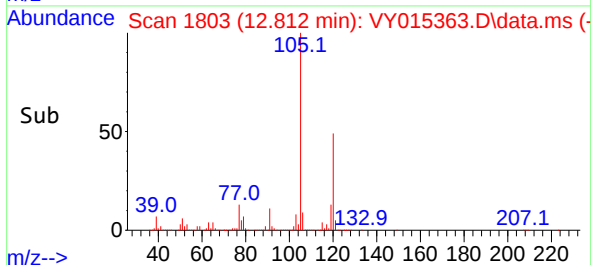
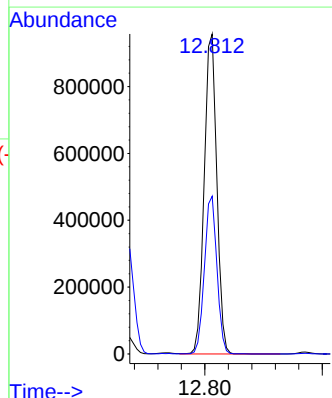
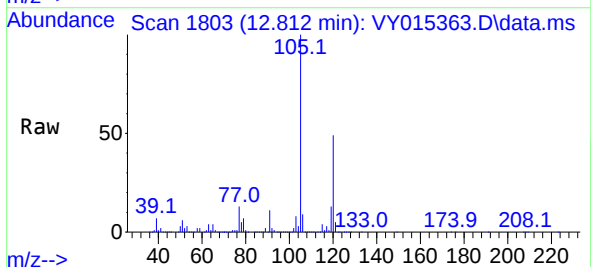
Acq: 29 Aug 2023 19:21

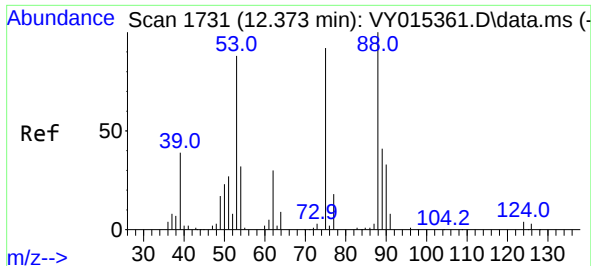
Tgt Ion: 105 Resp: 1418044

Ion Ratio Lower Upper

105 100

120 49.0 23.9 71.7

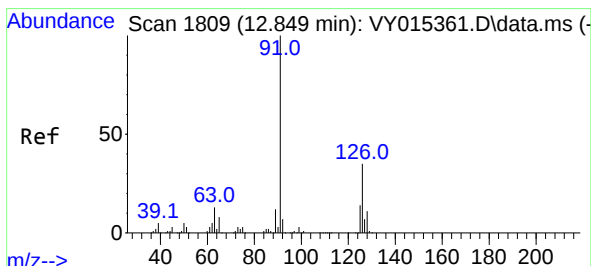
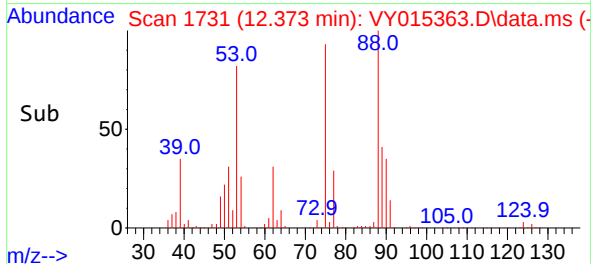
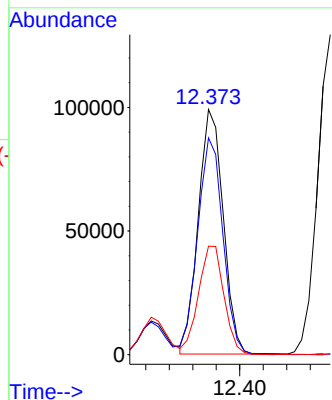
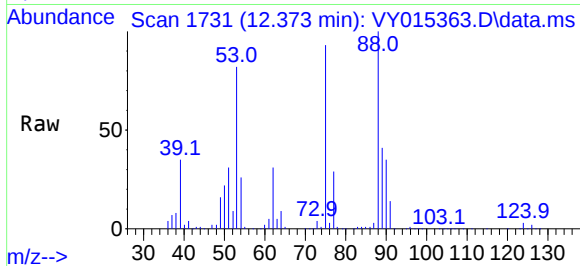




#81
trans-1,4-Dichloro-2-butene
Concen: 167.112 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

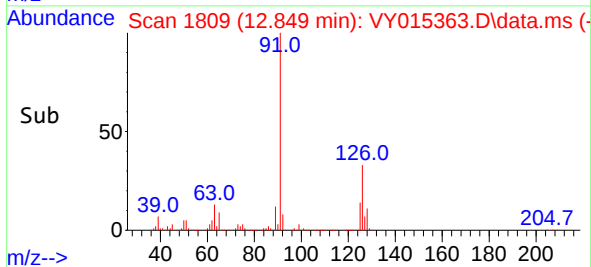
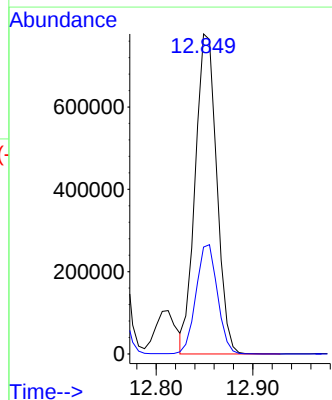
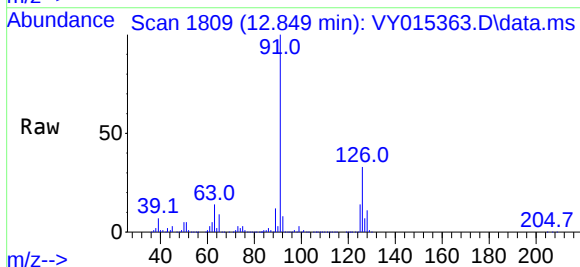
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

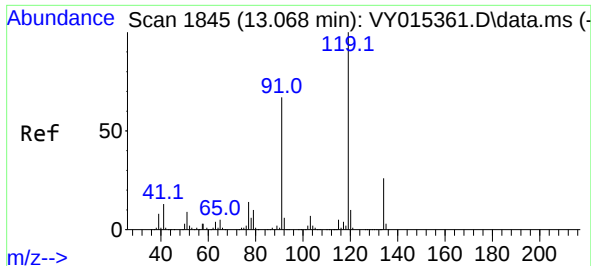
Tgt Ion: 75 Resp: 145897
Ion Ratio Lower Upper
75 100
53 90.8 77.8 116.8
89 45.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 155.932 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion: 91 Resp: 1199789
Ion Ratio Lower Upper
91 100
126 34.1 17.2 51.6

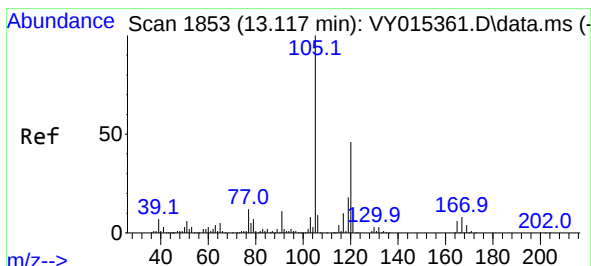
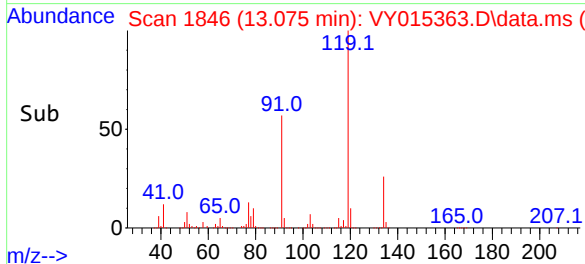
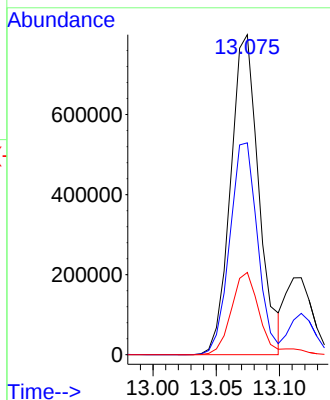
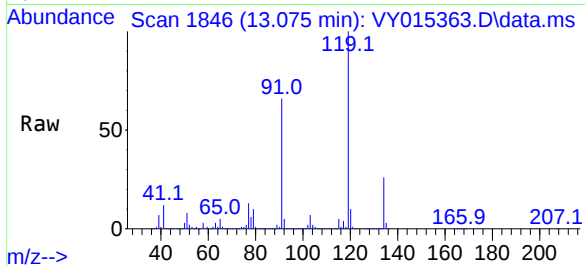




#83
tert-Butylbenzene
Concen: 155.557 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

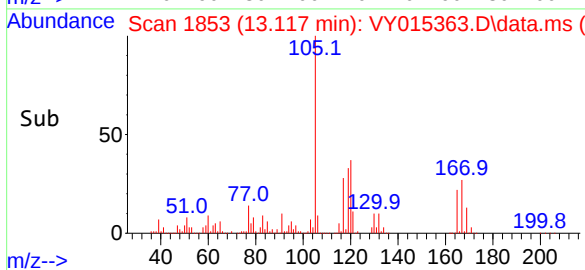
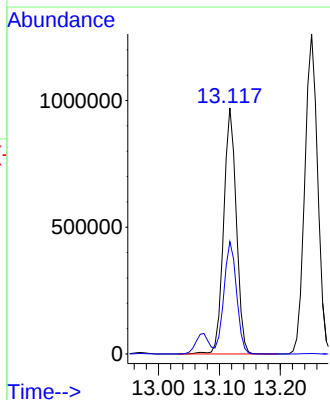
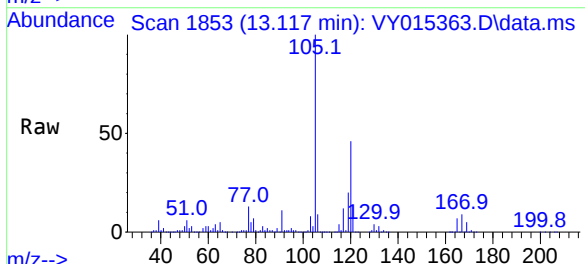
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

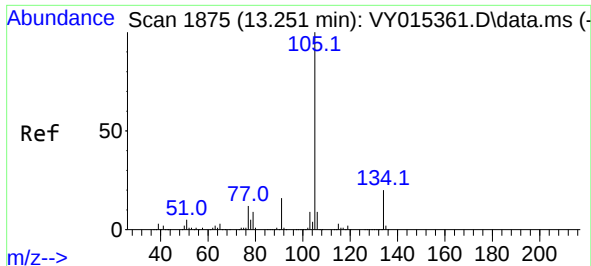
Tgt Ion:119 Resp: 1243147
Ion Ratio Lower Upper
119 100
91 65.2 32.9 98.6
134 26.1 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 154.773 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion:105 Resp: 1402124
Ion Ratio Lower Upper
105 100
120 45.2 22.2 66.6

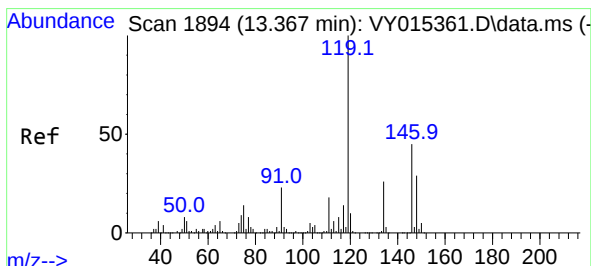
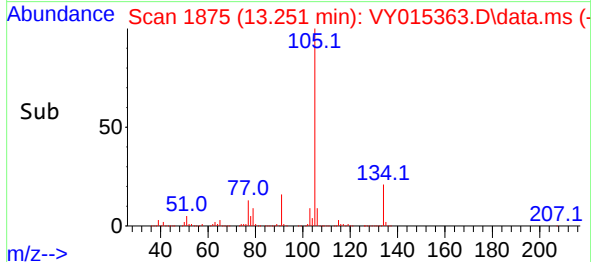
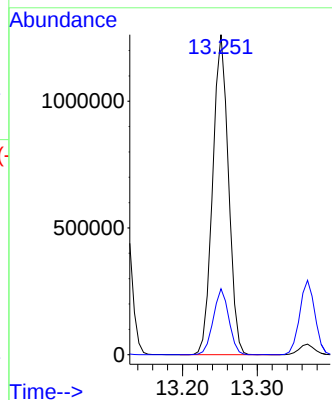
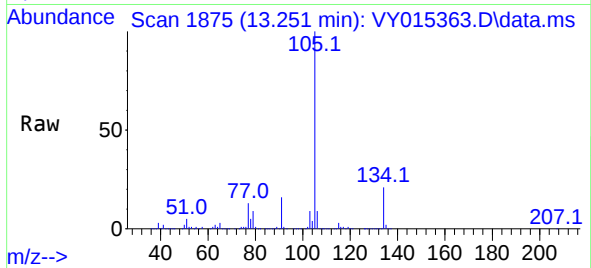




#85
 sec-Butylbenzene
 Concen: 154.853 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY015363.D
 Acq: 29 Aug 2023 19:21

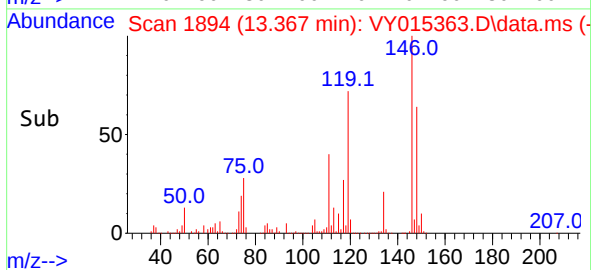
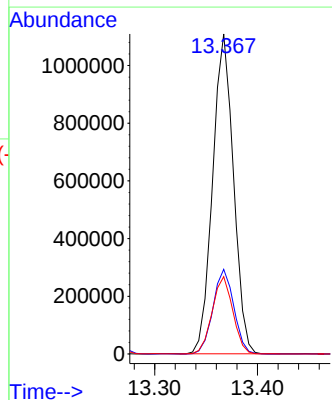
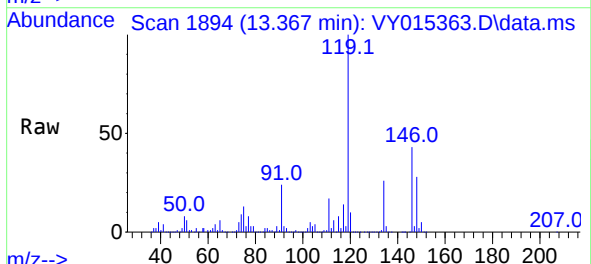
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

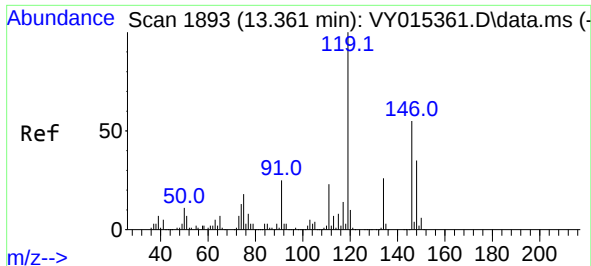
Tgt Ion:105 Resp: 1845814
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 156.221 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY015363.D
 Acq: 29 Aug 2023 19:21

Tgt Ion:119 Resp: 1560675
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 24.0 12.4 37.4

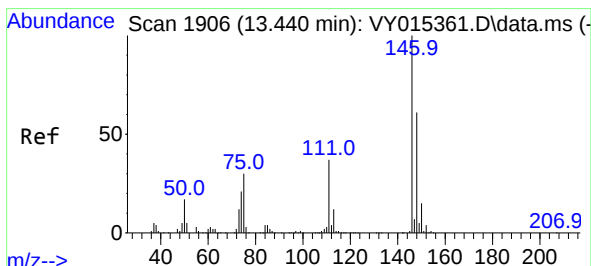
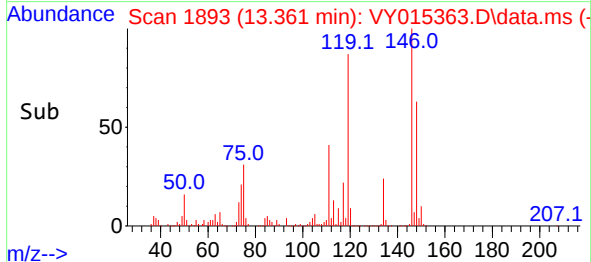
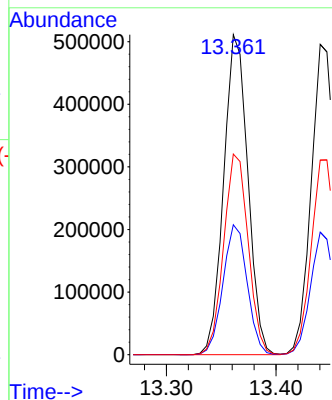
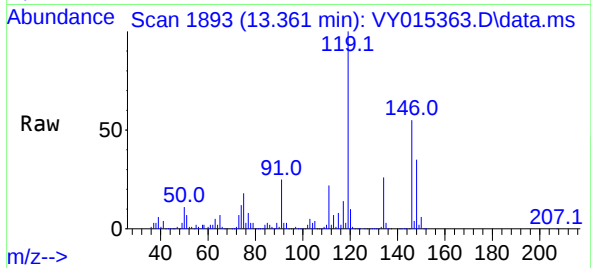




#87
1,3-Dichlorobenzene
Concen: 153.681 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

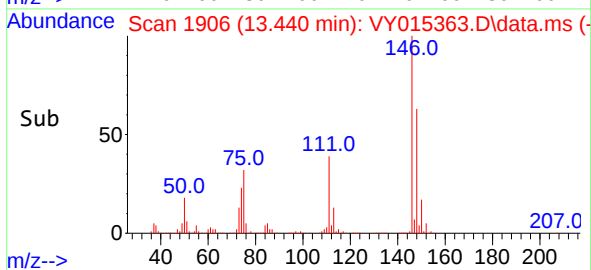
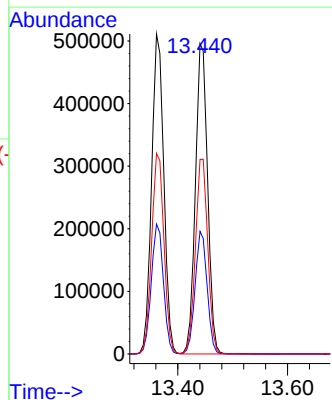
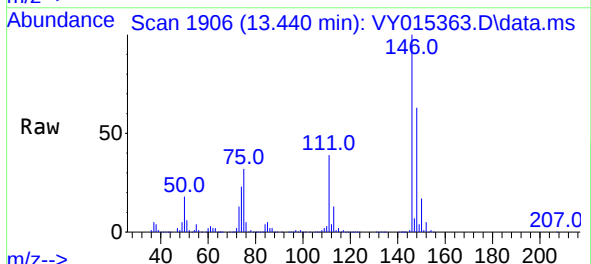
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

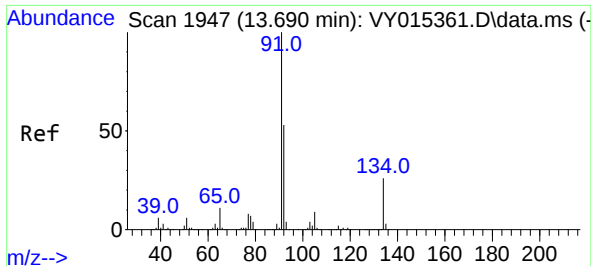
Tgt Ion:146 Resp: 783861
Ion Ratio Lower Upper
146 100
111 40.7 19.4 58.2
148 63.5 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 149.308 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion:146 Resp: 769814
Ion Ratio Lower Upper
146 100
111 38.8 18.9 56.7
148 63.5 32.1 96.5





#89

n-Butylbenzene

Concen: 155.128 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015363.D

Acq: 29 Aug 2023 19:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

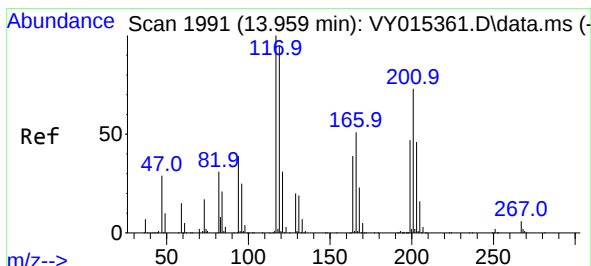
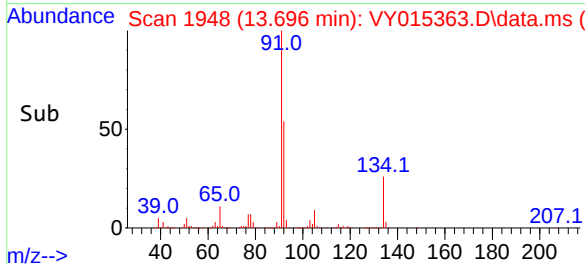
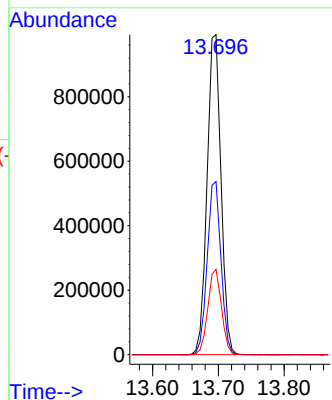
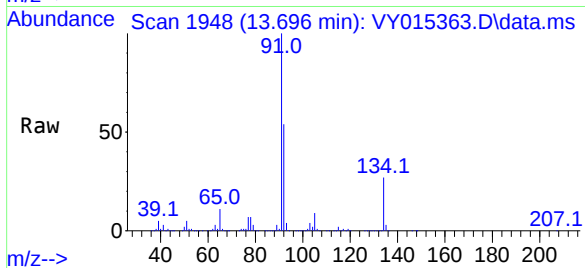
Tgt Ion: 91 Resp: 1458649

Ion Ratio Lower Upper

91 100

92 53.7 25.4 76.0

134 26.2 12.6 37.6



#90

Hexachloroethane

Concen: 160.184 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015363.D

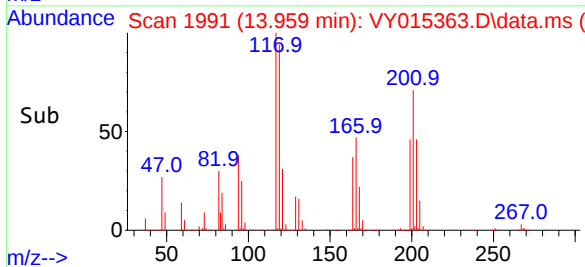
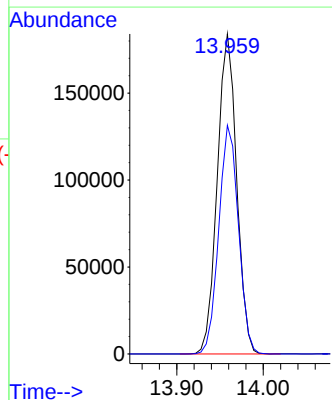
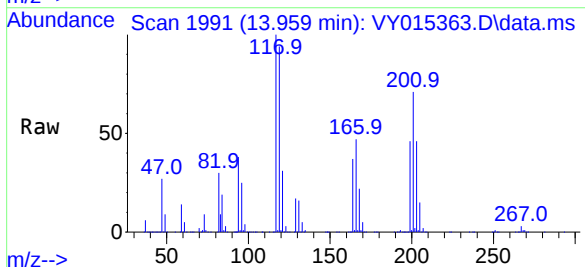
Acq: 29 Aug 2023 19:21

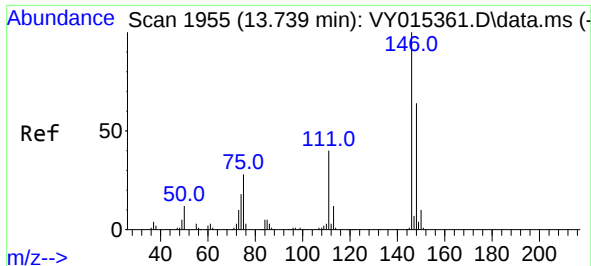
Tgt Ion: 117 Resp: 286206

Ion Ratio Lower Upper

117 100

201 72.4 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 151.216 ug/l

RT: 13.733 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY015363.D

Acq: 29 Aug 2023 19:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

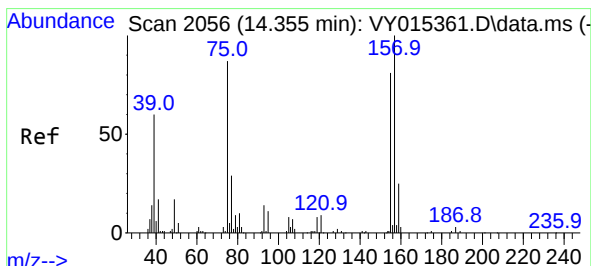
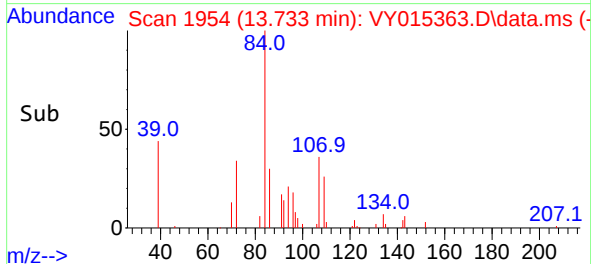
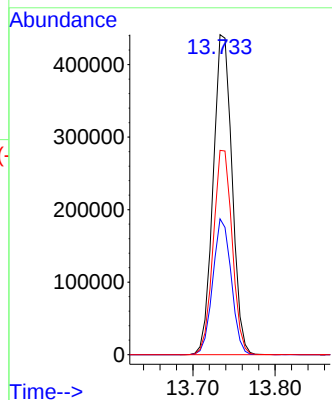
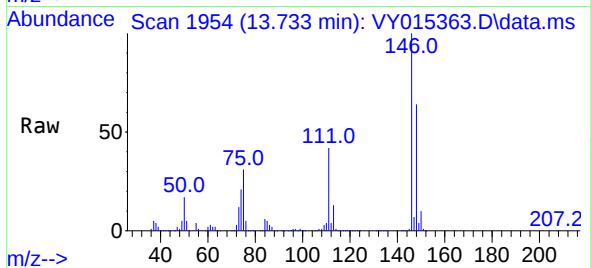
Tgt Ion:146 Resp: 703867

Ion Ratio Lower Upper

146 100

111 41.5 19.7 59.0

148 64.0 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 150.519 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY015363.D

Acq: 29 Aug 2023 19:21

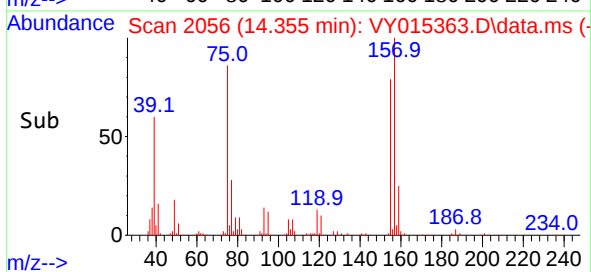
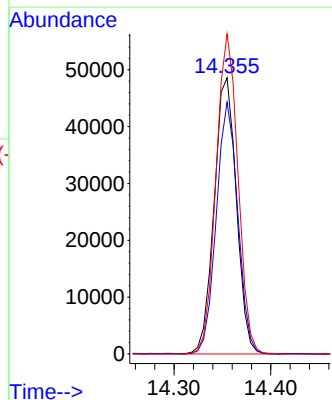
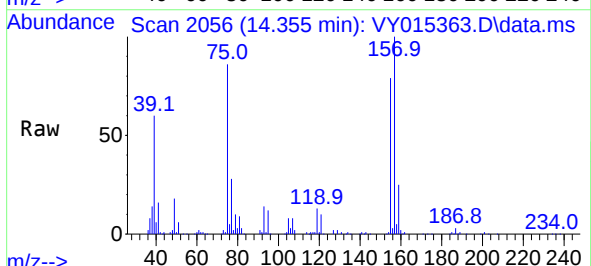
Tgt Ion: 75 Resp: 77536

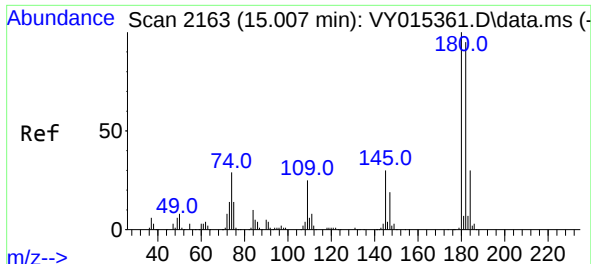
Ion Ratio Lower Upper

75 100

155 87.9 41.5 124.6

157 114.1 51.8 155.5

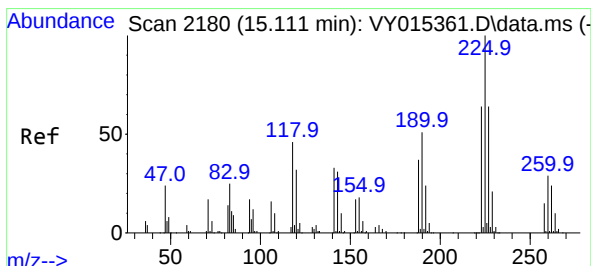
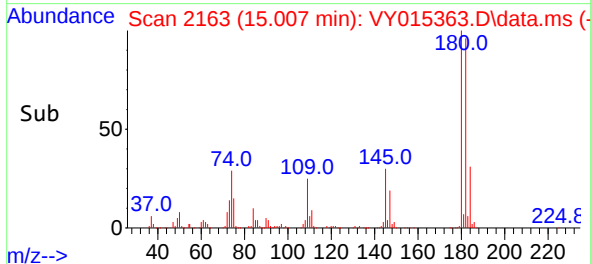
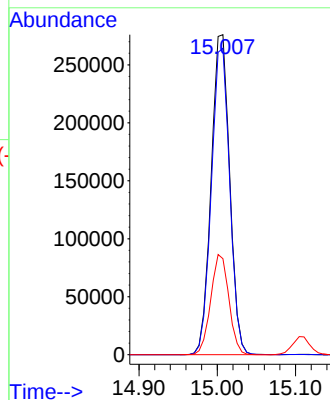
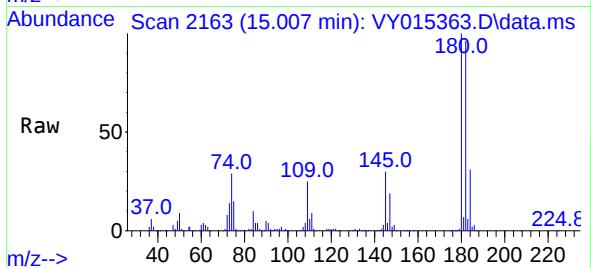




#93
1,2,4-Trichlorobenzene
Concen: 154.856 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.006 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

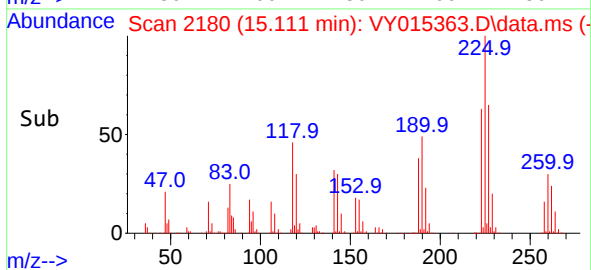
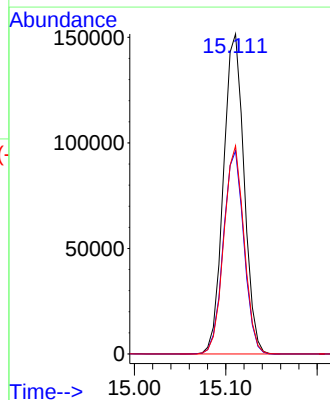
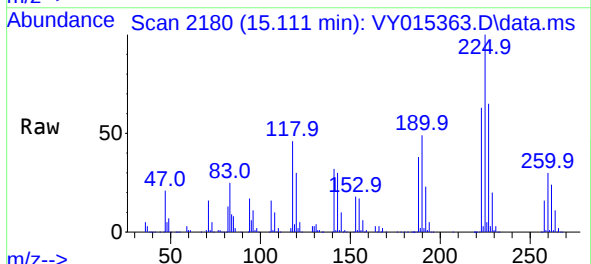
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

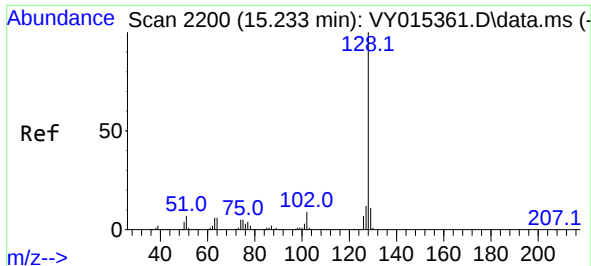
Tgt Ion:180 Resp: 452673
Ion Ratio Lower Upper
180 100
182 95.0 47.0 141.2
145 30.7 14.5 43.5



#94
Hexachlorobutadiene
Concen: 149.232 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion:225 Resp: 237874
Ion Ratio Lower Upper
225 100
223 63.0 31.9 95.9
227 63.8 33.0 98.9



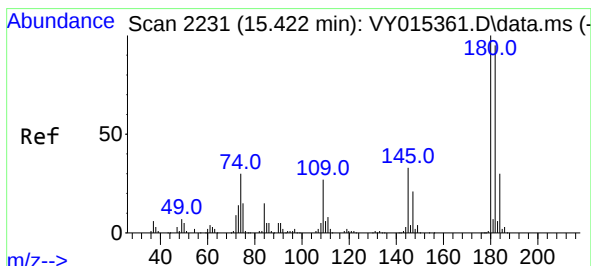
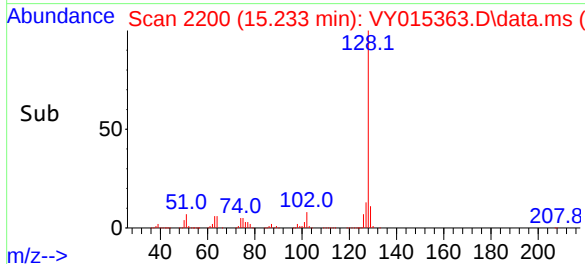
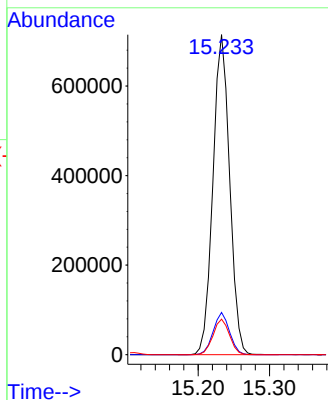
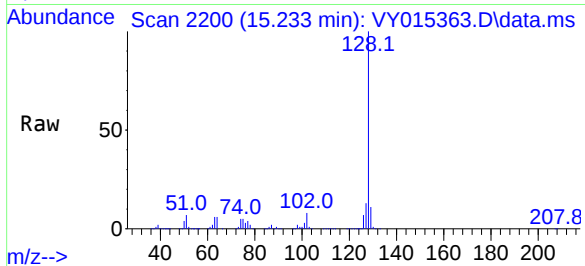


#95
Naphthalene
Concen: 160.089 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1159224

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.8	16.2
129	10.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 155.317 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY015363.D
Acq: 29 Aug 2023 19:21

Tgt Ion:180 Resp: 414131

Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.3	141.8
145	32.6	15.4	46.2

