

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052323\
 Data File : VY013835.D
 Acq On : 23 May 2023 16:21
 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: May 24 05:07:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:01:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	248760	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	396722	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.489	117	345059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	165285	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	15208	5.284	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.560%#
35) Dibromofluoromethane	7.710	113	12727	4.968	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.940%#
50) Toluene-d8	10.179	98	48951	5.027	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	10.060%#
62) 4-Bromofluorobenzene	12.477	95	15951	4.928	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	9.860%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	9676	4.246	ug/l	90
3) Chloromethane	2.113	50	15050	5.422	ug/l	99
4) Vinyl Chloride	2.247	62	14564	5.130	ug/l	98
5) Bromomethane	2.650	94	12342	5.471	ug/l	94
6) Chloroethane	2.790	64	9640	5.211	ug/l	98
7) Trichlorofluoromethane	3.125	101	24333	5.093	ug/l	93
8) Diethyl Ether	3.527	74	7378	5.035	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	13340	5.151	ug/l	98
10) Methyl Iodide	4.082	142	12980	4.221	ug/l	98
11) Tert butyl alcohol	4.966	59	4107	18.629	ug/l #	90
12) 1,1-Dichloroethene	3.863	96	11874	4.880	ug/l	96
13) Acrolein	3.723	56	8149	24.573	ug/l	93
14) Allyl chloride	4.478	41	23037	5.186	ug/l	97
15) Acrylonitrile	5.161	53	18128	24.126	ug/l	96
16) Acetone	3.942	43	22329	26.141	ug/l	96
17) Carbon Disulfide	4.186	76	36104	4.971	ug/l	96
18) Methyl Acetate	4.478	43	15379	5.190	ug/l #	74
19) Methyl tert-butyl Ether	5.210	73	30966	4.663	ug/l	93
20) Methylene Chloride	4.704	84	23293	5.427	ug/l	90
21) trans-1,2-Dichloroethene	5.204	96	13682	5.173	ug/l #	86
22) Diisopropyl ether	6.112	45	40360	4.706	ug/l	92
23) Vinyl Acetate	6.051	43	109329	21.885	ug/l	97
24) 1,1-Dichloroethane	6.015	63	26229	5.238	ug/l	99
25) 2-Butanone	6.978	43	23743	22.780	ug/l	99
26) 2,2-Dichloropropane	6.972	77	22913	5.080	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	14850	4.998	ug/l	98
28) Bromochloromethane	7.332	49	8711	5.927	ug/l	100
29) Tetrahydrofuran	7.350	42	13494	21.685	ug/l	99
30) Chloroform	7.502	83	26073	5.136	ug/l	92
31) Cyclohexane	7.777	56	24814	5.612	ug/l #	79
32) 1,1,1-Trichloroethane	7.697	97	23953	5.172	ug/l	99
36) 1,1-Dichloropropene	7.911	75	18884	4.839	ug/l	99
37) Ethyl Acetate	7.069	43	10327	4.338	ug/l	98
38) Carbon Tetrachloride	7.893	117	21925	4.940	ug/l	92
39) Methylcyclohexane	9.179	83	20589	4.505	ug/l	95
40) Benzene	8.155	78	55856	4.983	ug/l	96

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 ClientSampleId :
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	14586	11.231	ug/l #	20
42) 1,2-Dichloroethane	8.234	62	17822	4.856	ug/l	99
43) Isopropyl Acetate	8.270	43	19628	4.525	ug/l #	91
44) Trichloroethene	8.935	130	15325	5.075	ug/l	92
45) 1,2-Dichloropropane	9.209	63	14744	5.135	ug/l	94
46) Dibromomethane	9.301	93	8121	4.939	ug/l	95
47) Bromodichloromethane	9.496	83	19870	4.958	ug/l #	95
48) Methyl methacrylate	9.289	41	8862	4.351	ug/l	97
49) 1,4-Dioxane	9.313	88	1533	79.324	ug/l #	68
51) 4-Methyl-2-Pentanone	10.069	43	48777	21.101	ug/l	98
52) Toluene	10.240	92	32834	4.805	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	18717	4.588	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	21215	4.642	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	10763	4.865	ug/l	97
56) Ethyl methacrylate	10.508	69	11814	4.001	ug/l	93
57) 1,3-Dichloropropane	10.788	76	17460	4.634	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	24537	26.040	ug/l	99
59) 2-Hexanone	10.831	43	33146	20.158	ug/l	97
60) Dibromochloromethane	10.983	129	13278	4.745	ug/l	95
61) 1,2-Dibromoethane	11.087	107	9672	4.596	ug/l	98
64) Tetrachloroethene	10.715	164	12640	4.951	ug/l	96
65) Chlorobenzene	11.514	112	35976	4.975	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	13909	4.983	ug/l	98
67) Ethyl Benzene	11.593	91	60567	4.654	ug/l	99
68) m/p-Xylenes	11.703	106	45241	9.186	ug/l	99
69) o-Xylene	12.026	106	21556	4.646	ug/l	98
70) Styrene	12.044	104	35730	4.547	ug/l	97
71) Bromoform	12.209	173	8598	4.713	ug/l #	97
73) Isopropylbenzene	12.331	105	56011	4.553	ug/l	100
74) N-amyl acetate	12.142	43	14912	4.032	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	11464	4.502	ug/l	90
76) 1,2,3-Trichloropropane	12.629	75	15833	8.124	ug/l #	100
77) Bromobenzene	12.605	156	14556	4.822	ug/l	98
78) n-propylbenzene	12.672	91	71605	4.711	ug/l	99
79) 2-Chlorotoluene	12.757	91	40733	4.798	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	46458	4.575	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	3860	4.299	ug/l	100
82) 4-Chlorotoluene	12.855	91	43463	4.953	ug/l	94
83) tert-Butylbenzene	13.075	119	41623	4.706	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	44928	4.507	ug/l	98
85) sec-Butylbenzene	13.251	105	60583	4.611	ug/l	97
86) p-Isopropyltoluene	13.367	119	50530	4.653	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	28794	4.939	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	29195	5.030	ug/l	94
89) n-Butylbenzene	13.696	91	47917	4.602	ug/l	100
90) Hexachloroethane	13.965	117	11196	5.022	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	25466	4.915	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2075	4.651	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	14407	4.485	ug/l	95
94) Hexachlorobutadiene	15.105	225	10043	4.959	ug/l	96
95) Naphthalene	15.239	128	23221	7.541	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	13032	4.562	ug/l	96

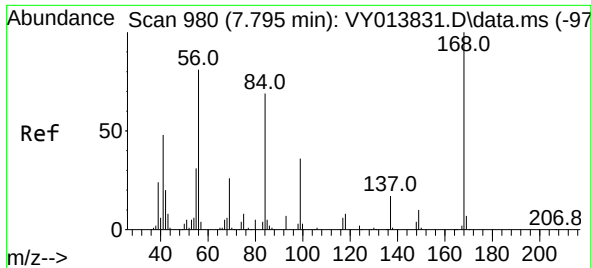
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052323\
Data File : VY013835.D
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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
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QLast Update : Wed May 24 05:01:28 2023
Response via : Initial Calibration

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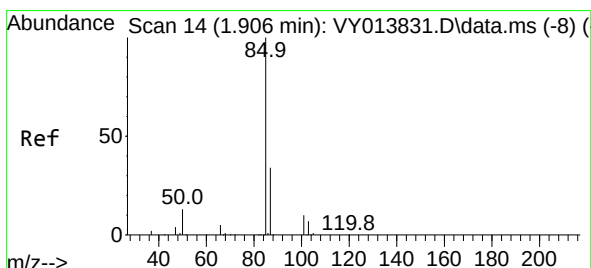
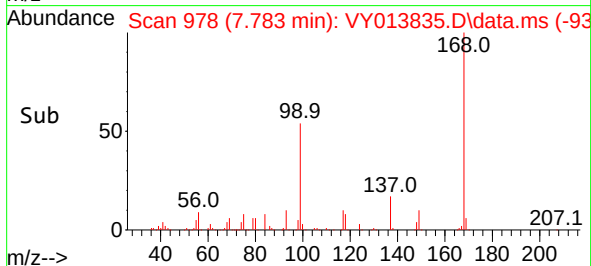
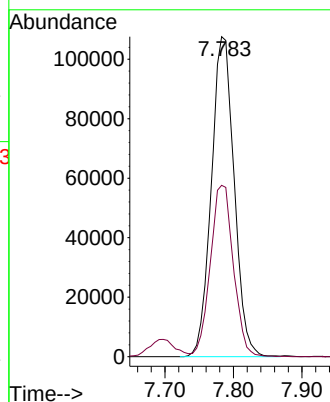
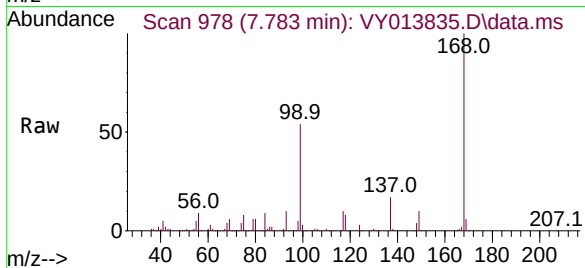
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
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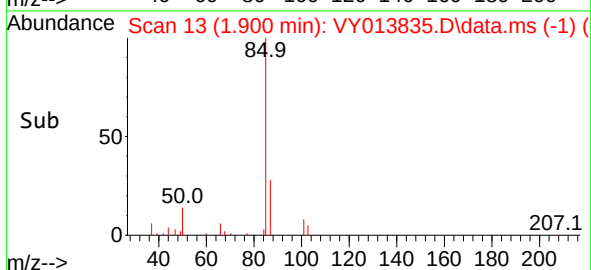
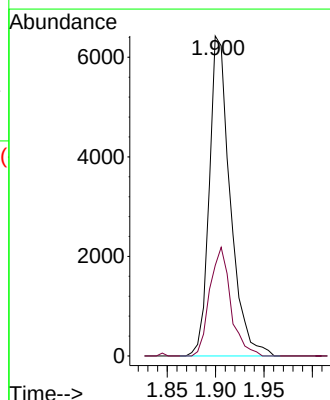
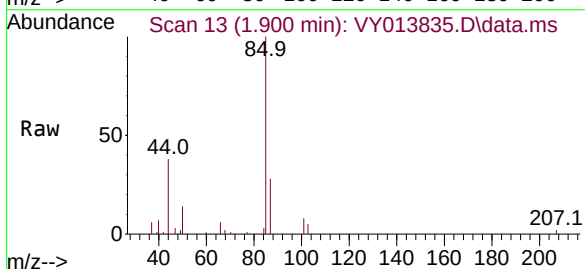
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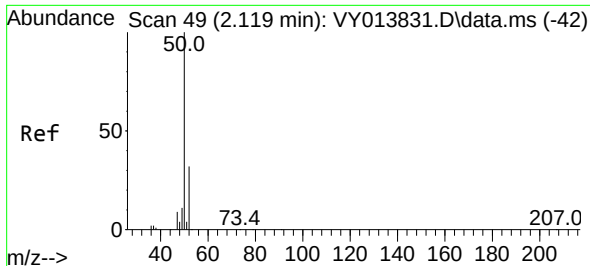
Tgt Ion:168 Resp: 248760
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.2



#2
Dichlorodifluoromethane
Concen: 4.246 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

Tgt Ion: 85 Resp: 9676
Ion Ratio Lower Upper
85 100
87 28.3 16.9 50.7

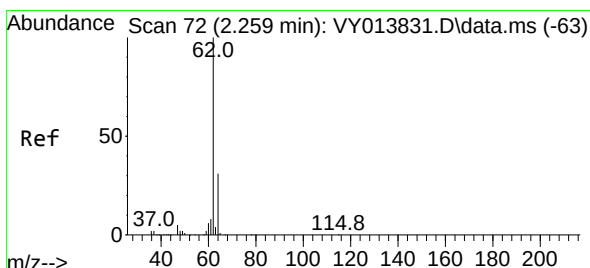
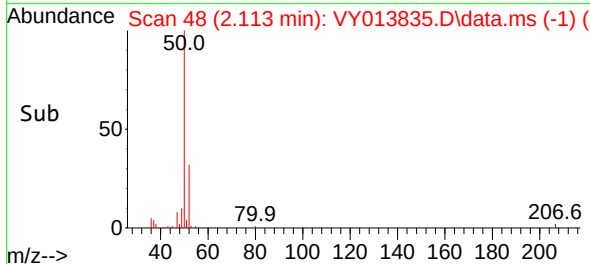
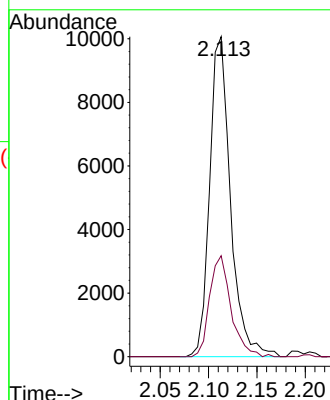
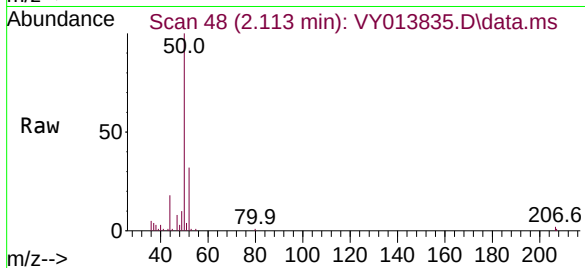




#3
Chloromethane
Concen: 5.422 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

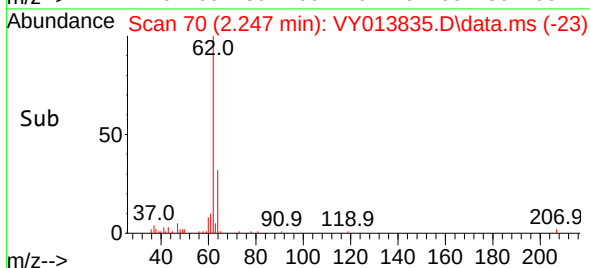
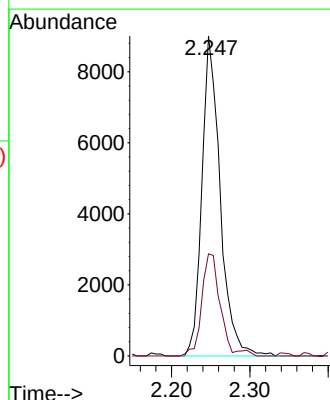
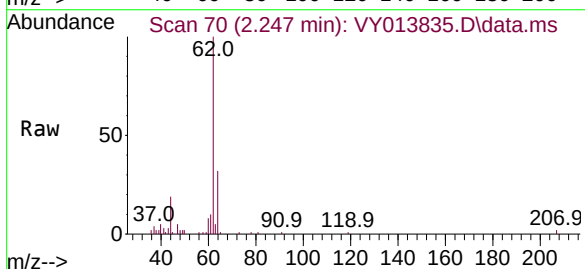
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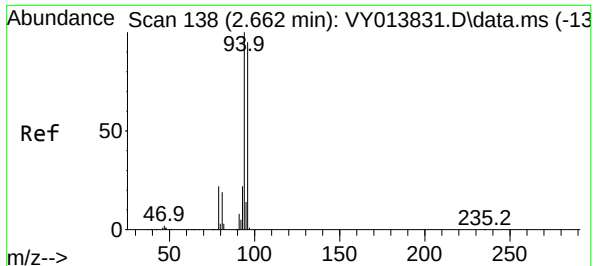
Tgt Ion: 50 Resp: 15050
Ion Ratio Lower Upper
50 100
52 31.6 25.7 38.5



#4
Vinyl Chloride
Concen: 5.130 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.012 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

Tgt Ion: 62 Resp: 14564
Ion Ratio Lower Upper
62 100
64 31.9 24.8 37.2

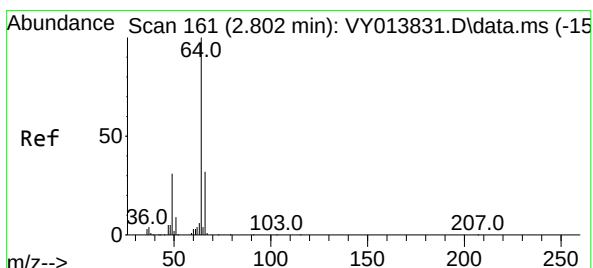
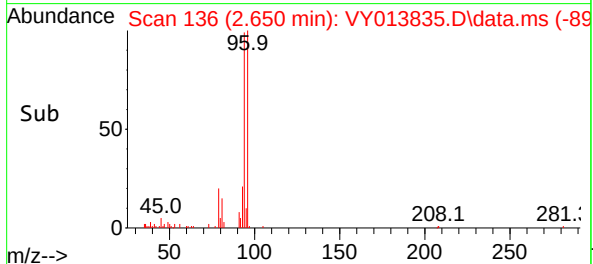
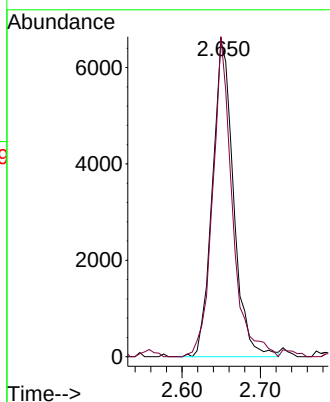
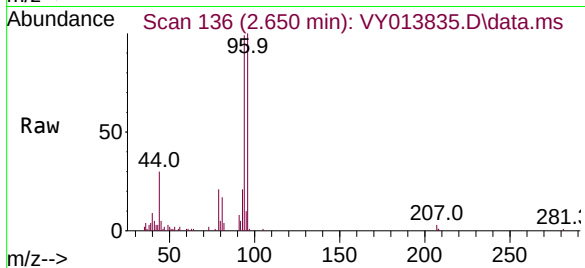




#5
Bromomethane
Concen: 5.471 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

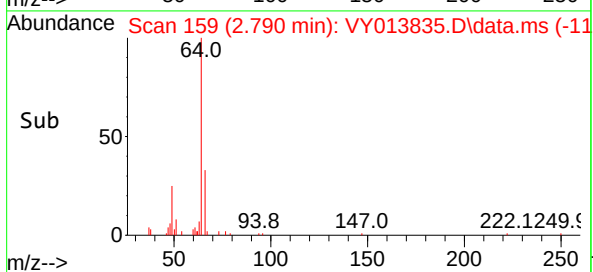
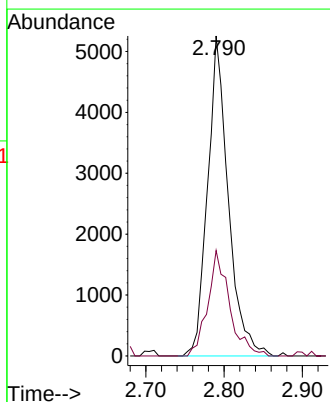
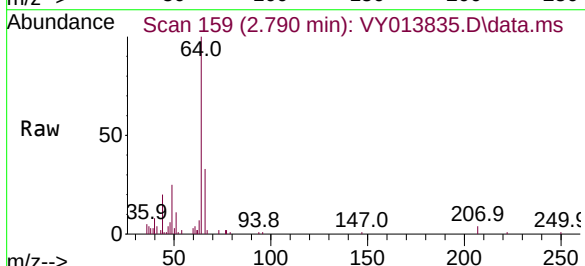
Instrument :
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ClientSampleId :
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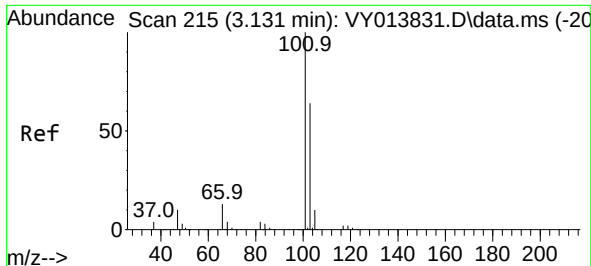
Tgt Ion: 94 Resp: 12342
Ion Ratio Lower Upper
94 100
96 101.2 76.2 114.2



#6
Chloroethane
Concen: 5.211 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.012 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

Tgt Ion: 64 Resp: 9640
Ion Ratio Lower Upper
64 100
66 32.9 25.7 38.5

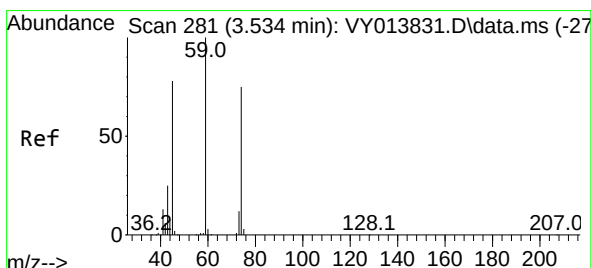
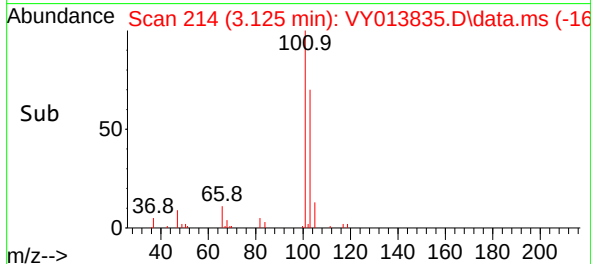
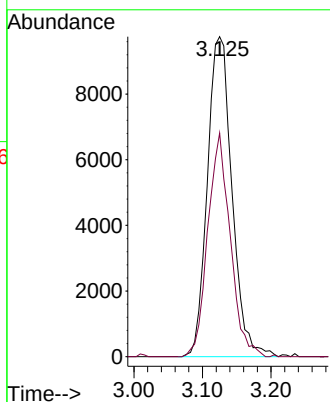
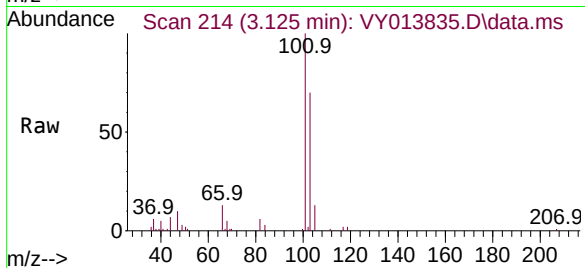




#7
 Trichlorofluoromethane
 Concen: 5.093 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY013835.D
 Acq: 23 May 2023 16:21

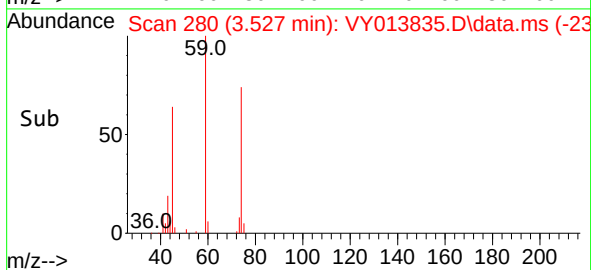
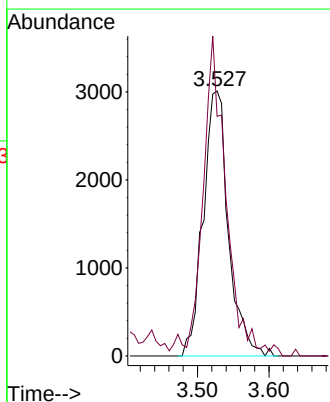
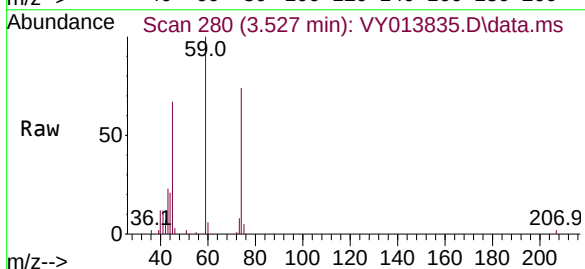
Instrument :
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 ClientSampleId :
 VSTDIC005

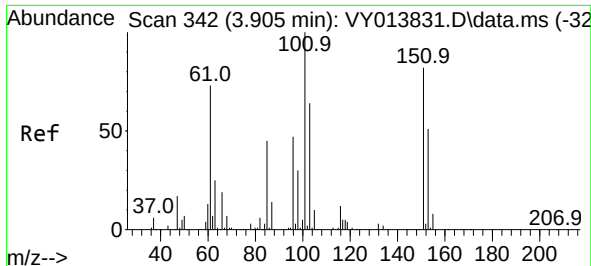
Tgt Ion:101 Resp: 24333
 Ion Ratio Lower Upper
 101 100
 103 69.9 51.3 76.9



#8
 Diethyl Ether
 Concen: 5.035 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.006 min
 Lab File: VY013835.D
 Acq: 23 May 2023 16:21

Tgt Ion: 74 Resp: 7378
 Ion Ratio Lower Upper
 74 100
 45 101.2 51.8 155.5

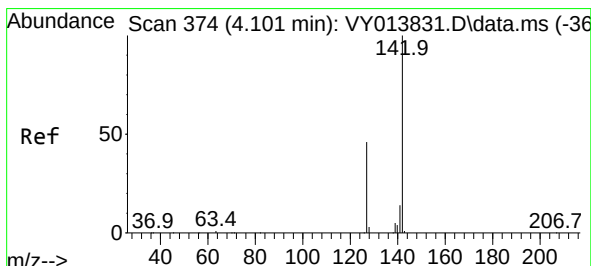
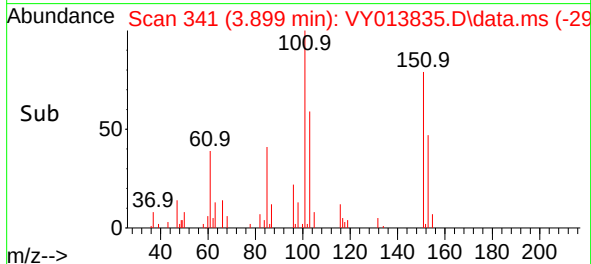
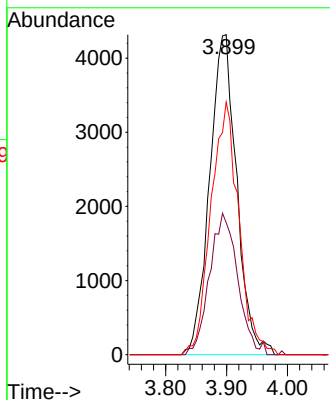
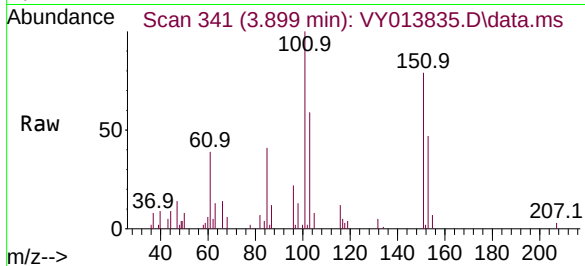




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.151 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY013835.D
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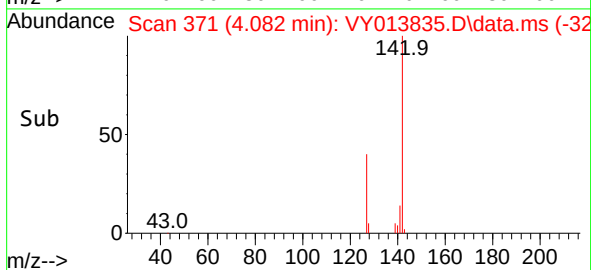
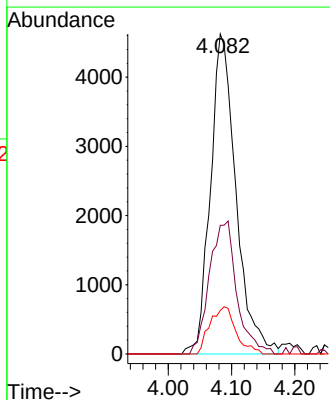
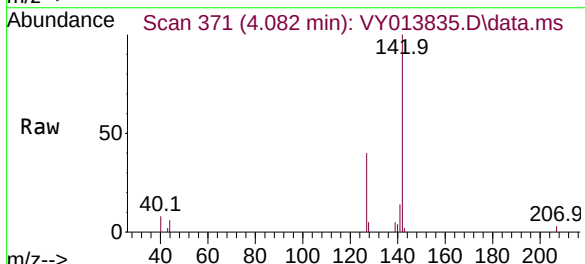
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

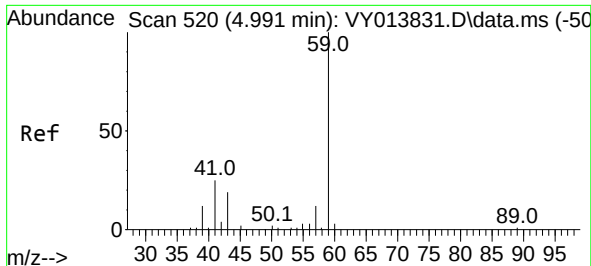
Tgt Ion:101 Resp: 13340
Ion Ratio Lower Upper
101 100
85 46.0 37.4 56.2
151 80.9 66.6 100.0



#10
Methyl Iodide
Concen: 4.221 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.018 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

Tgt Ion:142 Resp: 12980
Ion Ratio Lower Upper
142 100
127 44.2 37.0 55.4
141 15.0 11.8 17.6

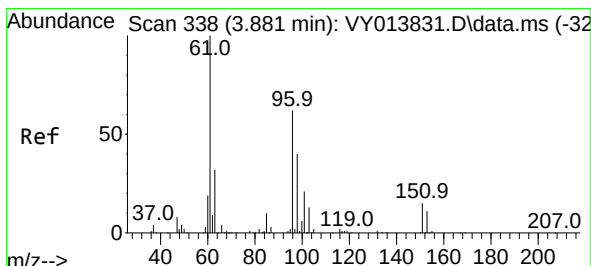
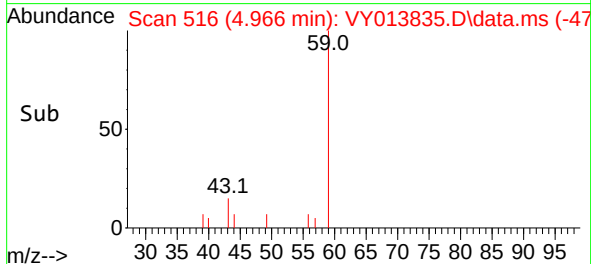
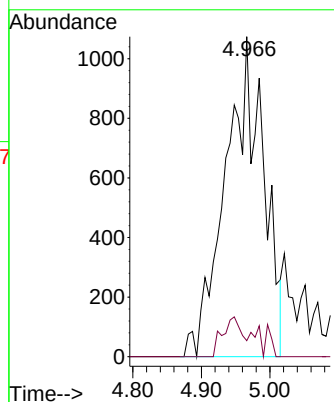
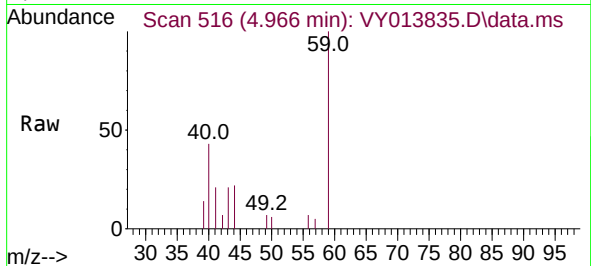




#11
Tert butyl alcohol
Concen: 18.629 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.024 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

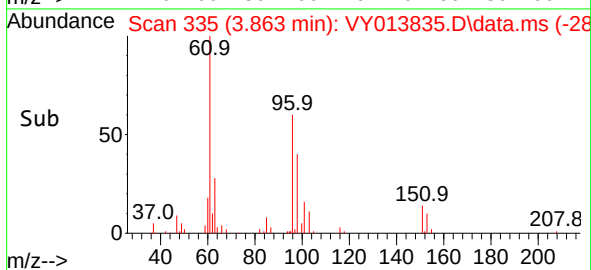
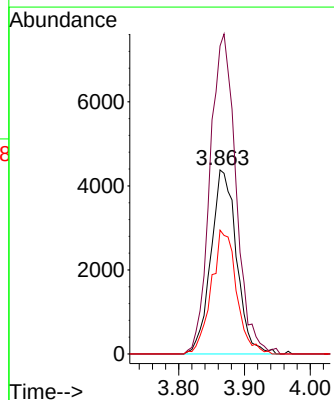
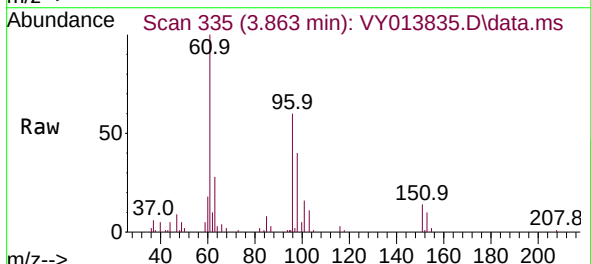
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

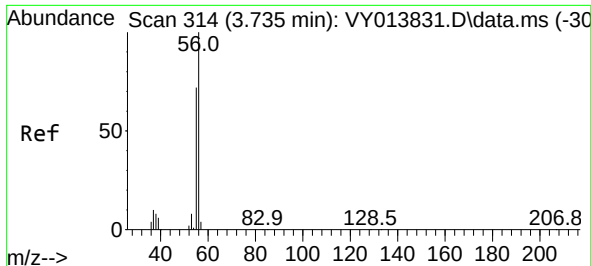
Tgt Ion: 59 Resp: 4107
Ion Ratio Lower Upper
59 100
57 6.4 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 4.880 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.018 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

Tgt Ion: 96 Resp: 11874
Ion Ratio Lower Upper
96 100
61 167.4 129.0 193.4
98 67.3 52.0 78.0





#13

Acrolein

Concen: 24.573 ug/l

RT: 3.723 min Scan# 314

Delta R.T. -0.012 min

Lab File: VY013835.D

Acq: 23 May 2023 16:21

Instrument :

MSVOA_Y

ClientSampleId :

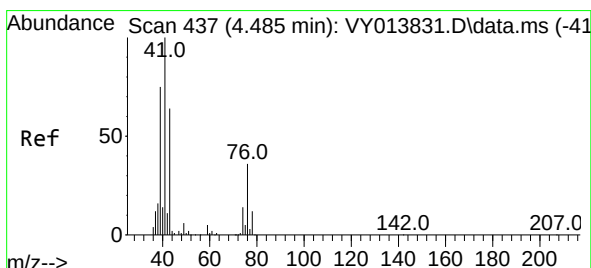
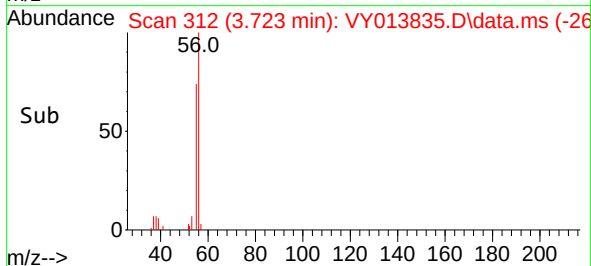
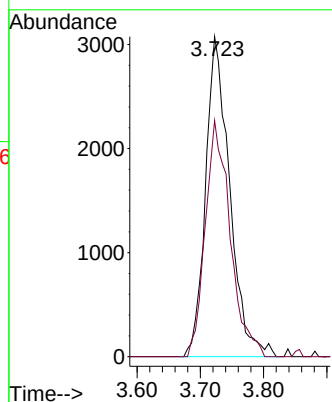
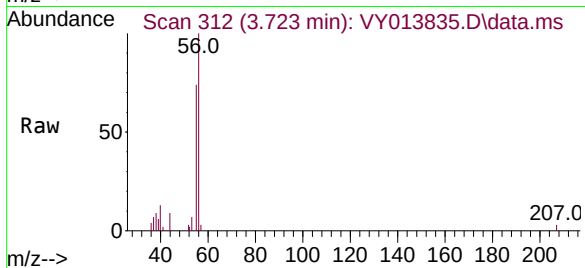
VSTDICC005

Tgt Ion: 56 Resp: 8149

Ion Ratio Lower Upper

56 100

55 76.1 56.2 84.2



#14

Allyl chloride

Concen: 5.186 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY013835.D

Acq: 23 May 2023 16:21

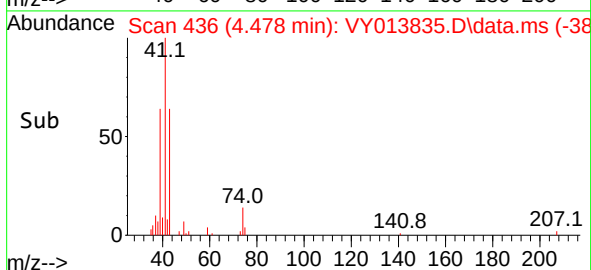
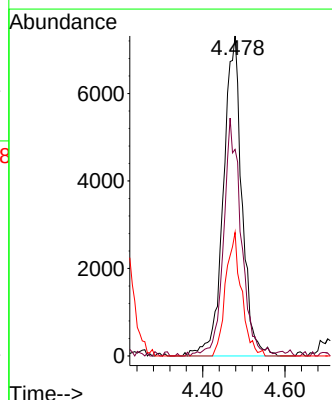
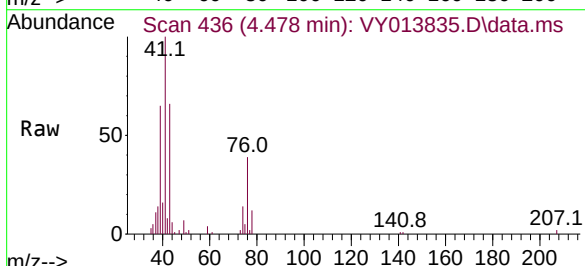
Tgt Ion: 41 Resp: 23037

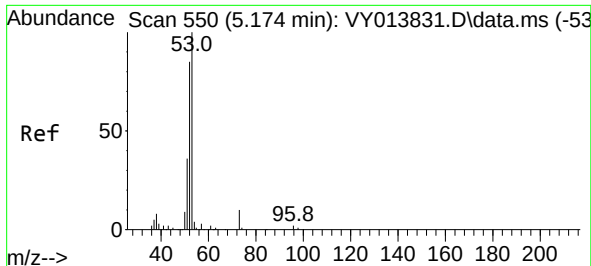
Ion Ratio Lower Upper

41 100

39 70.6 58.3 87.5

76 32.7 28.0 42.0

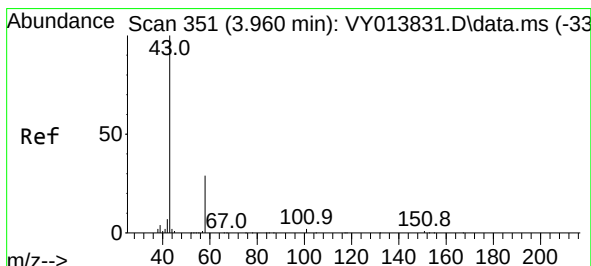
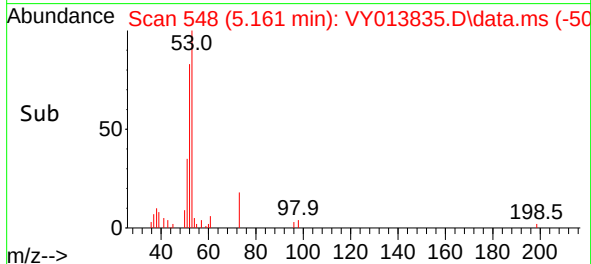
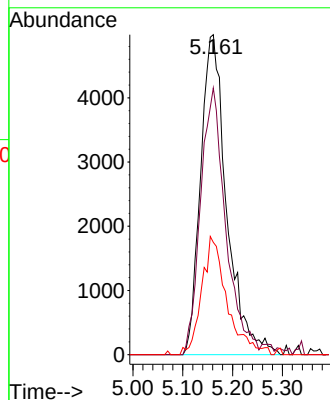
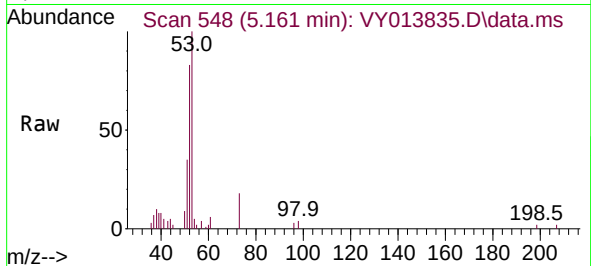




#15
Acrylonitrile
Concen: 24.126 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

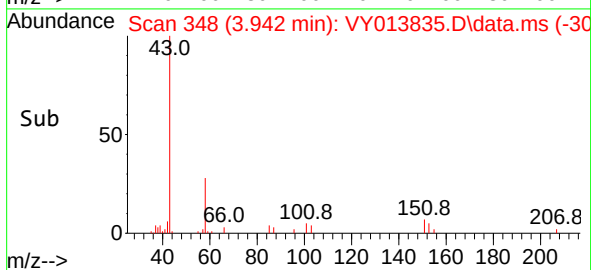
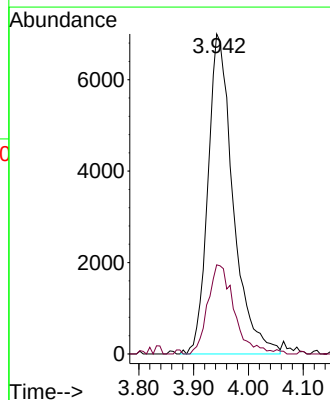
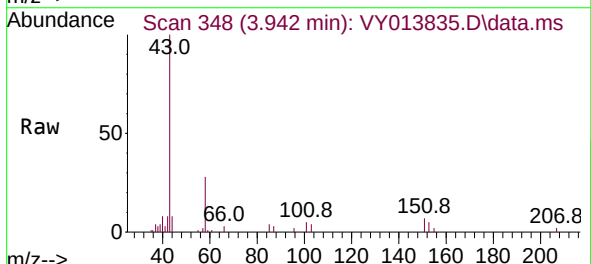
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

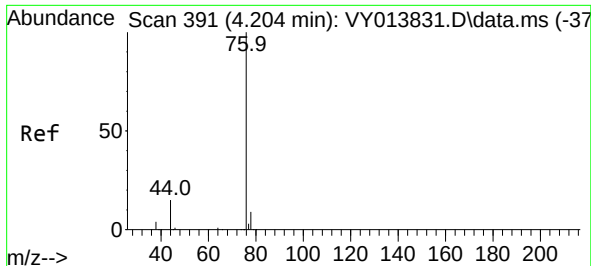
Tgt Ion: 53 Resp: 18128
Ion Ratio Lower Upper
53 100
52 80.2 67.2 100.8
51 35.4 30.2 45.2



#16
Acetone
Concen: 26.141 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.018 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

Tgt Ion: 43 Resp: 22329
Ion Ratio Lower Upper
43 100
58 27.0 23.3 34.9

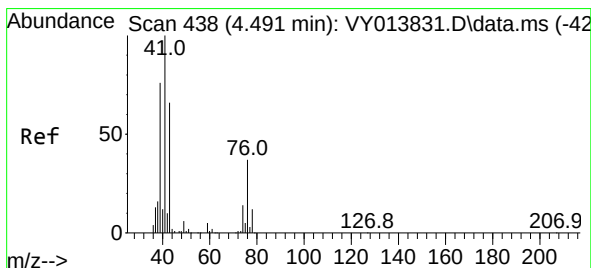
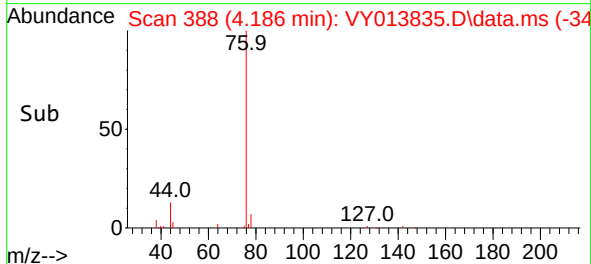
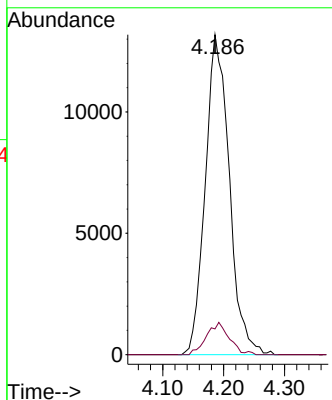
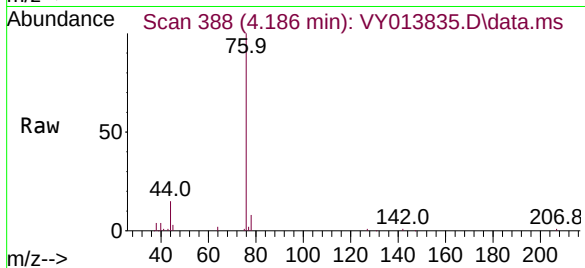




#17
Carbon Disulfide
Concen: 4.971 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

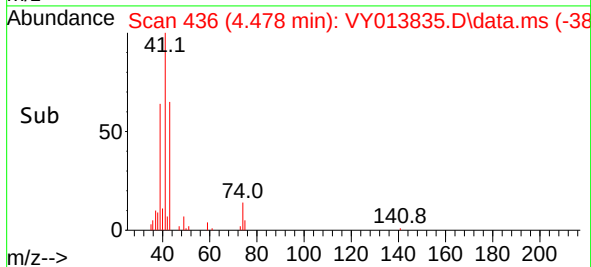
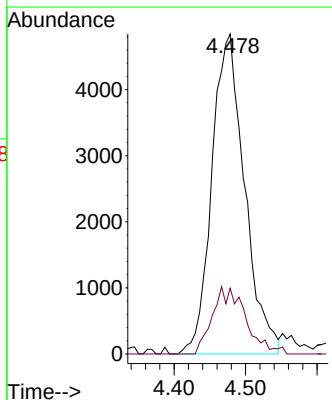
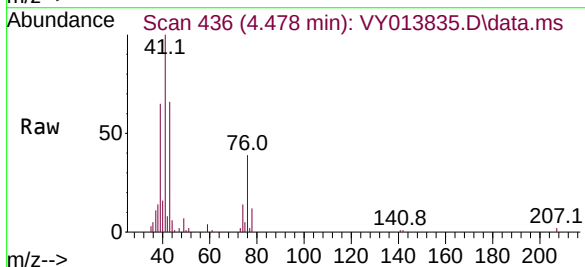
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

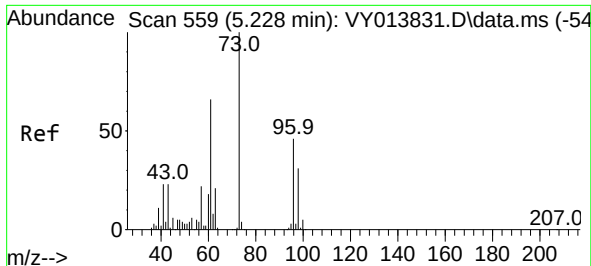
Tgt Ion: 76 Resp: 36104
Ion Ratio Lower Upper
76 100
78 8.1 7.5 11.3



#18
Methyl Acetate
Concen: 5.190 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

Tgt Ion: 43 Resp: 15379
Ion Ratio Lower Upper
43 100
74 9.5 17.4 26.0#

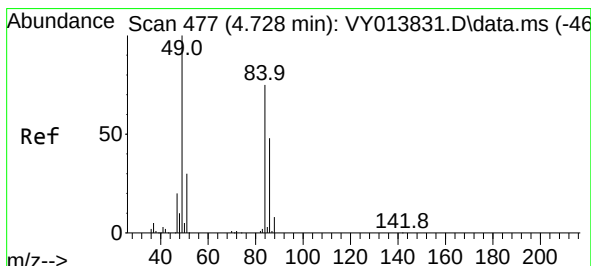
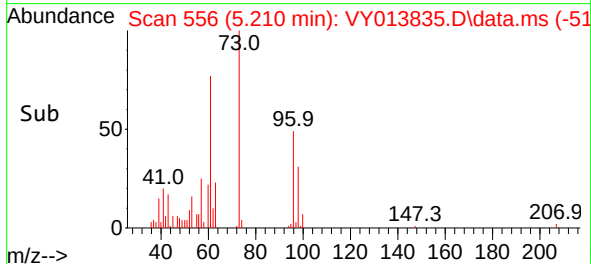
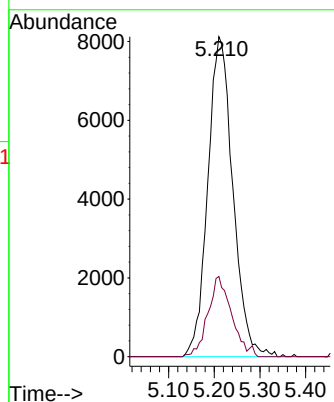
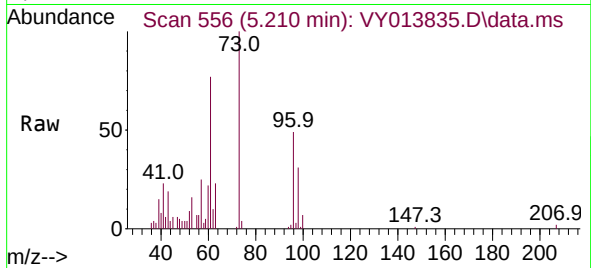




#19
Methyl tert-butyl Ether
Concen: 4.663 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

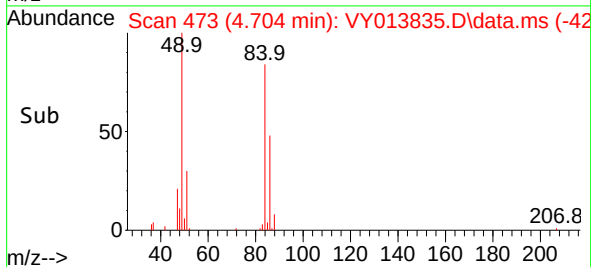
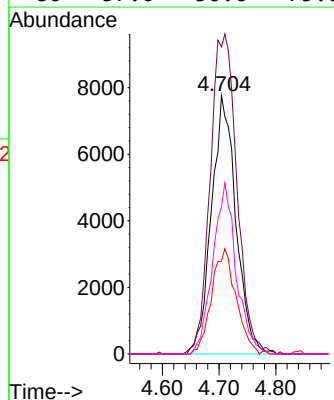
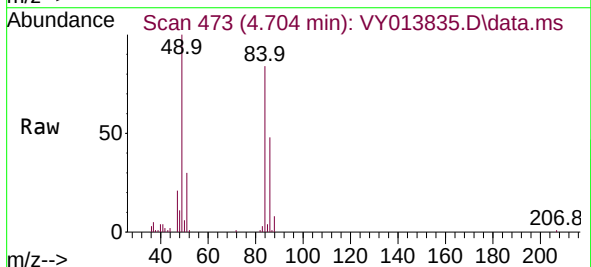
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

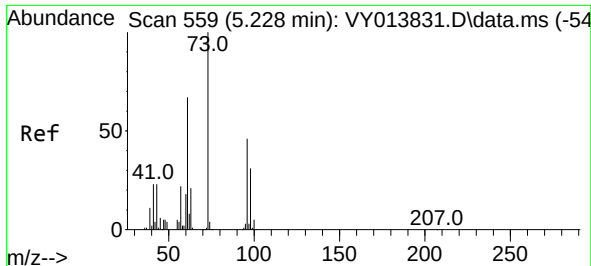
Tgt Ion: 73 Resp: 30966
Ion Ratio Lower Upper
73 100
57 25.1 17.4 26.2



#20
Methylene Chloride
Concen: 5.427 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.024 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

Tgt Ion: 84 Resp: 23293
Ion Ratio Lower Upper
84 100
49 118.8 106.2 159.2
51 35.9 31.4 47.0
86 57.0 50.6 75.8

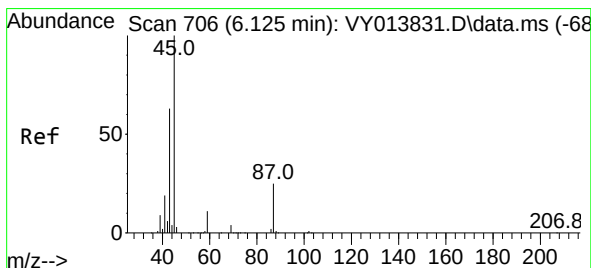
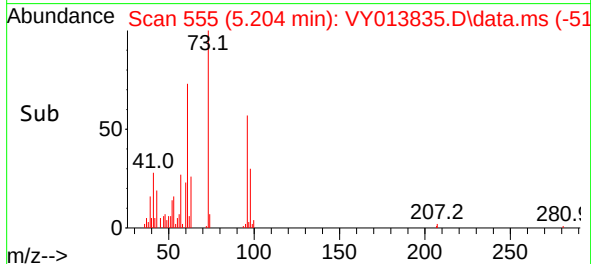
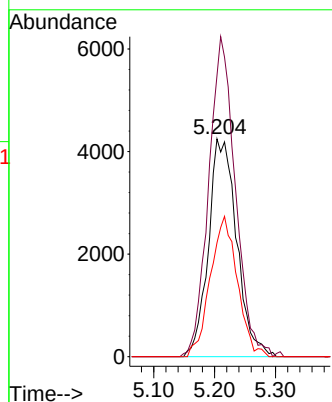
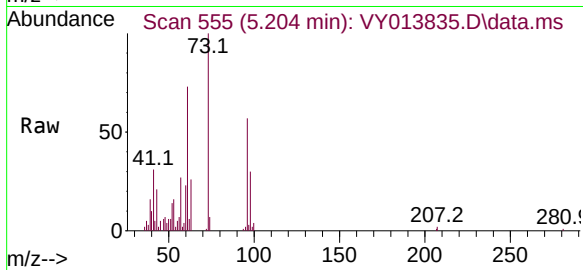




#21
trans-1,2-Dichloroethene
Concen: 5.173 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

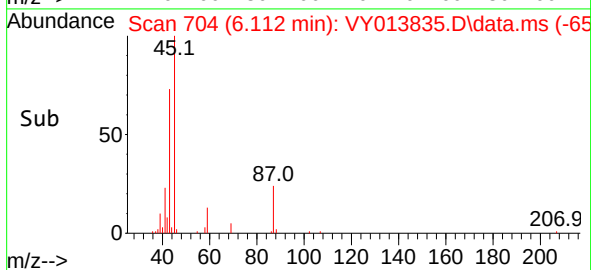
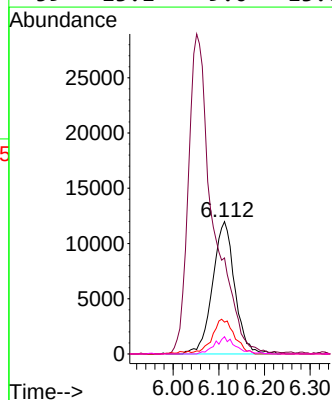
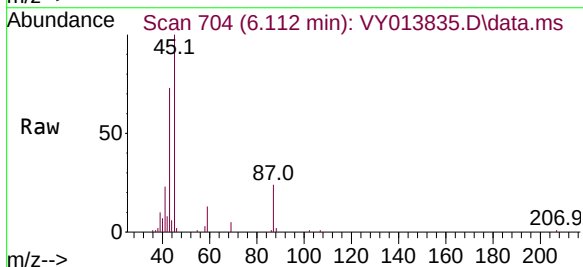
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

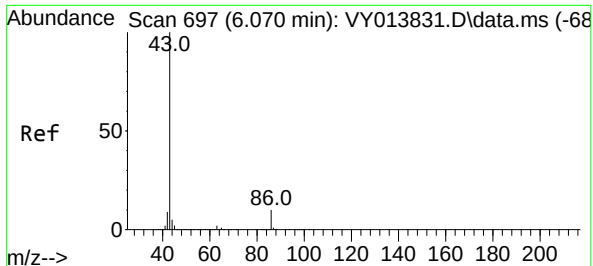
Tgt Ion: 96 Resp: 13682
Ion Ratio Lower Upper
96 100
61 129.2 115.5 173.3
98 52.3 53.7 80.5#



#22
Diisopropyl ether
Concen: 4.706 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

Tgt Ion: 45 Resp: 40360
Ion Ratio Lower Upper
45 100
43 71.4 50.6 75.8
87 24.0 20.7 31.1
59 13.1 9.0 13.6

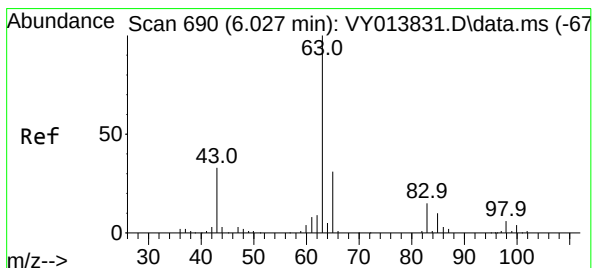
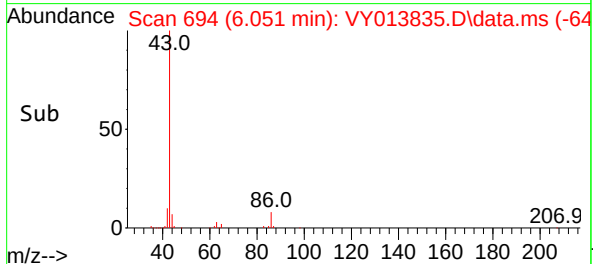
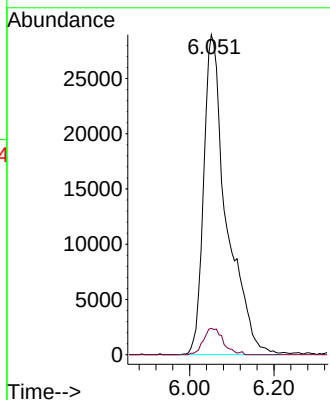
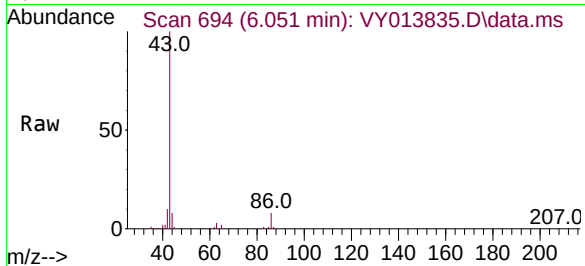




#23
 Vinyl Acetate
 Concen: 21.885 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.018 min
 Lab File: VY013835.D
 Acq: 23 May 2023 16:21

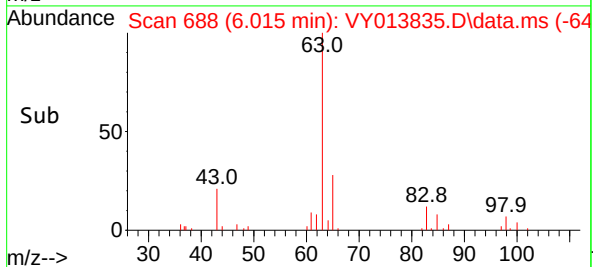
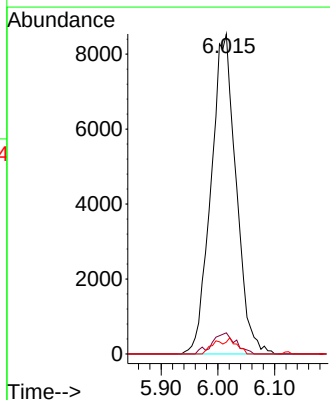
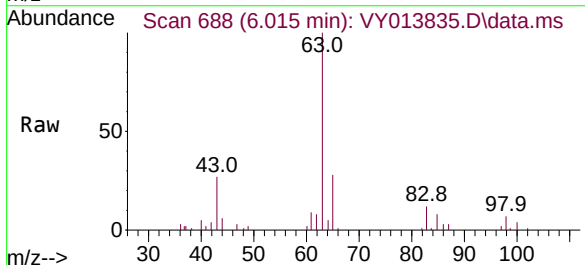
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

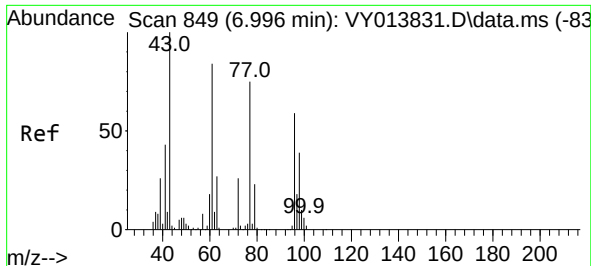
Tgt Ion: 43 Resp: 109329
 Ion Ratio Lower Upper
 43 100
 86 8.2 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 5.238 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY013835.D
 Acq: 23 May 2023 16:21

Tgt Ion: 63 Resp: 26229
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.2 9.6
 100 3.7 2.1 6.2

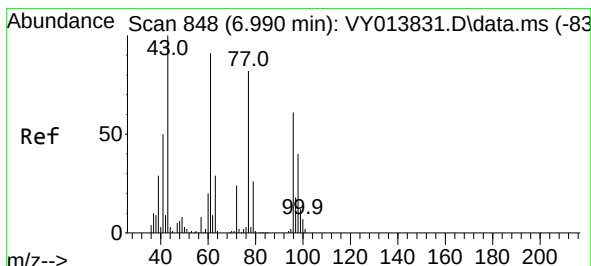
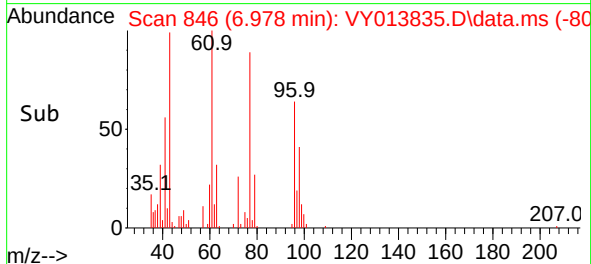
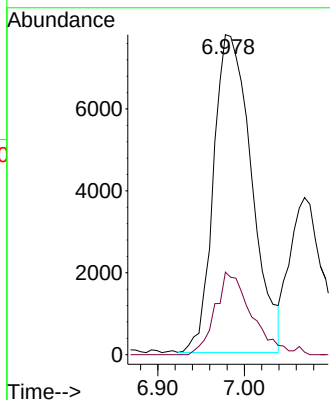
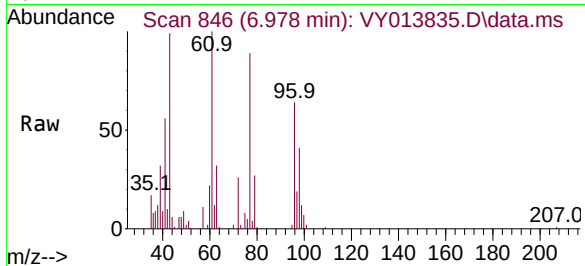




#25
2-Butanone
Concen: 22.780 ug/l
RT: 6.978 min Scan# 845
Delta R.T. -0.018 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

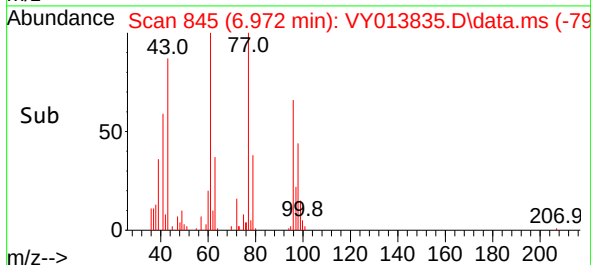
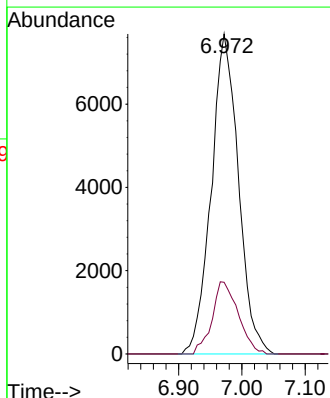
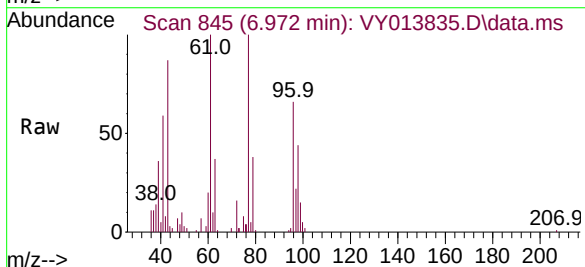
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

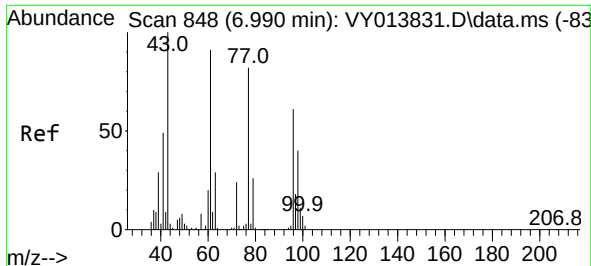
Tgt Ion: 43 Resp: 23743
Ion Ratio Lower Upper
43 100
72 26.0 20.5 30.7



#26
2,2-Dichloropropane
Concen: 5.080 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.018 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

Tgt Ion: 77 Resp: 22913
Ion Ratio Lower Upper
77 100
97 21.7 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 4.998 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY013835.D

Acq: 23 May 2023 16:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

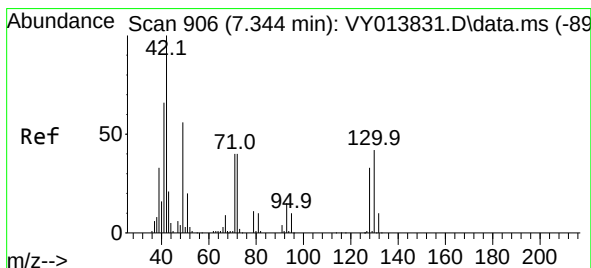
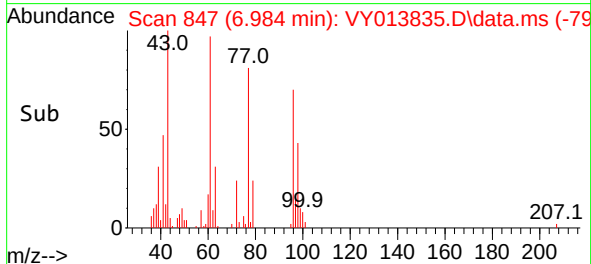
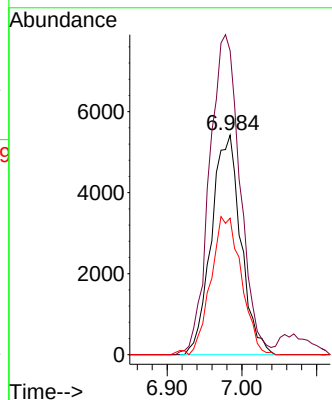
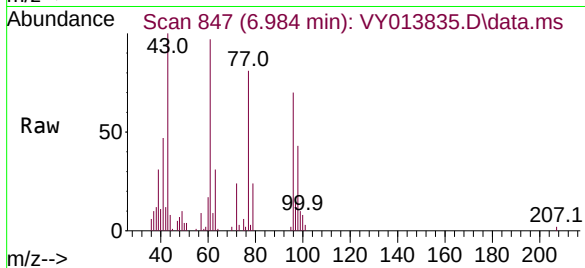
Tgt Ion: 96 Resp: 14850

Ion Ratio Lower Upper

96 100

61 151.5 0.0 296.4

98 64.9 0.0 129.4



#28

Bromochloromethane

Concen: 5.927 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.012 min

Lab File: VY013835.D

Acq: 23 May 2023 16:21

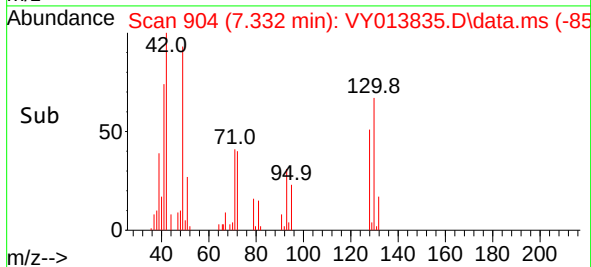
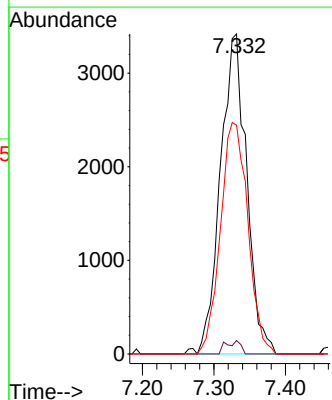
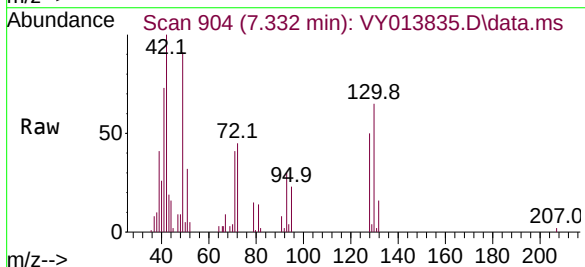
Tgt Ion: 49 Resp: 8711

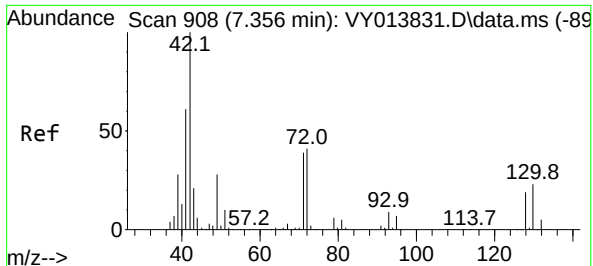
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 75.4 60.2 90.2

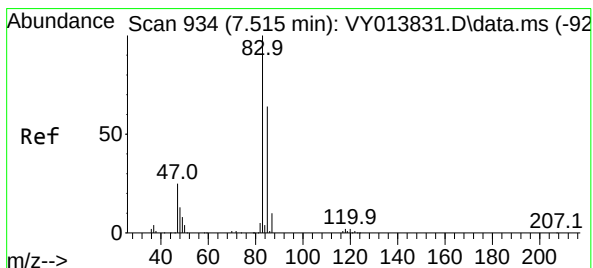
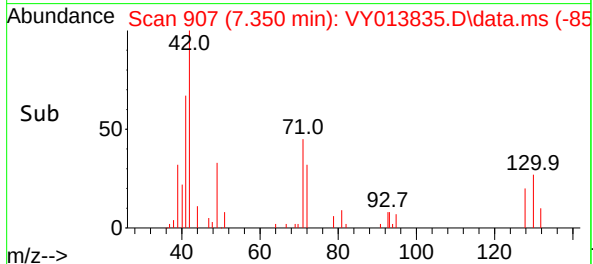
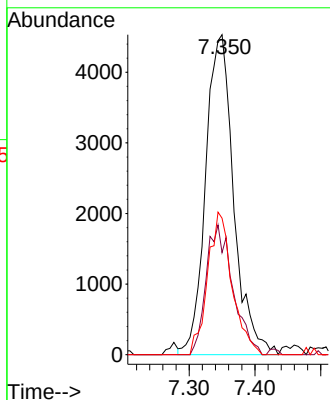
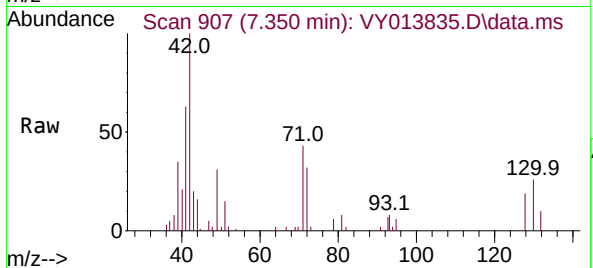




#29
Tetrahydrofuran
Concen: 21.685 ug/l
RT: 7.350 min Scan# 908
Delta R.T. -0.006 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

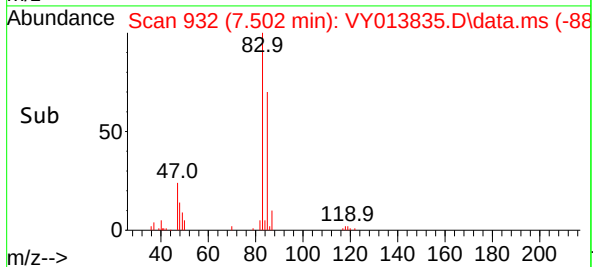
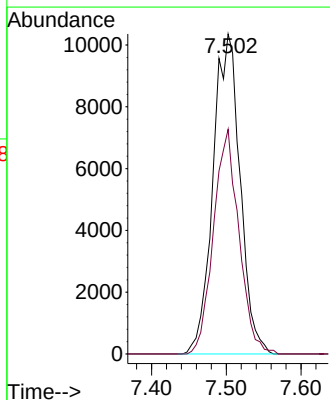
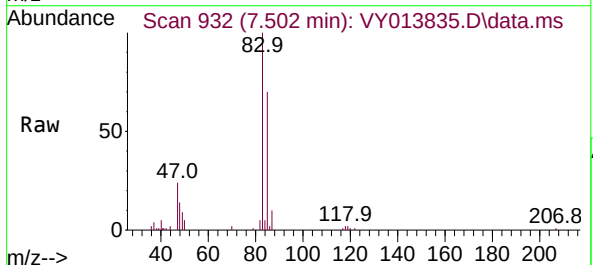
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

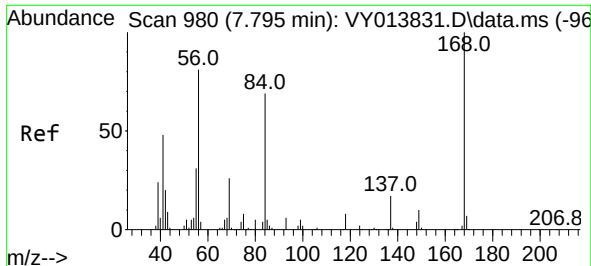
Tgt Ion:	42	Resp:	13494
Ion	Ratio	Lower	Upper
42	100		
72	38.6	31.7	47.5
71	38.7	30.6	45.8



#30
Chloroform
Concen: 5.136 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.012 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

Tgt Ion:	83	Resp:	26073
Ion	Ratio	Lower	Upper
83	100		
85	70.2	51.0	76.6

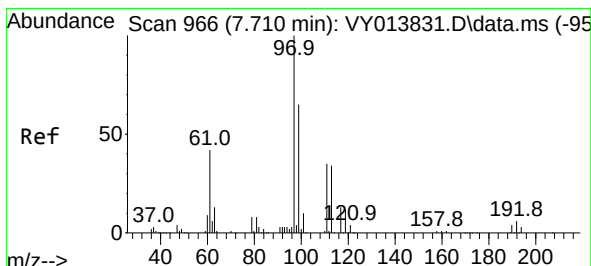
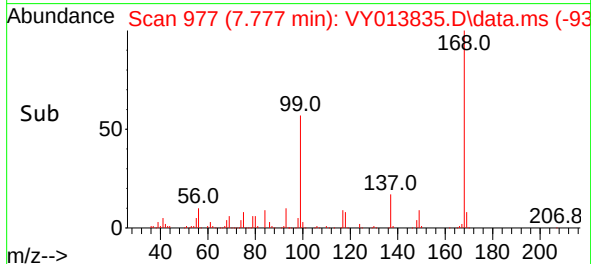
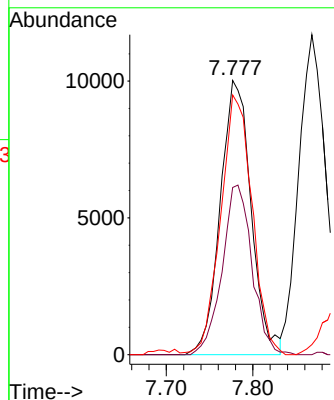
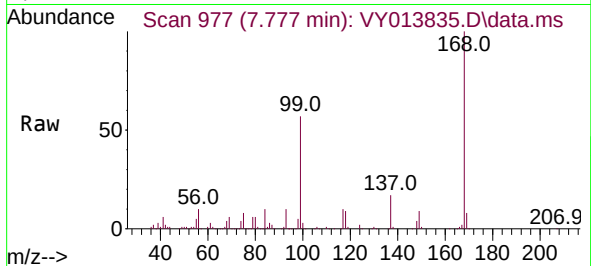




#31
Cyclohexane
Concen: 5.612 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

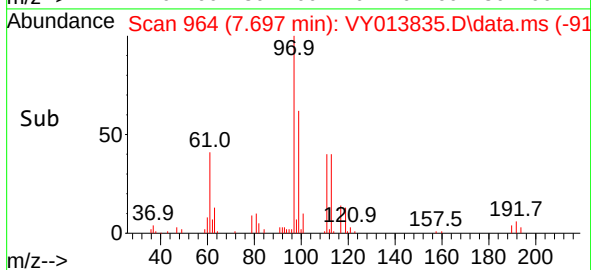
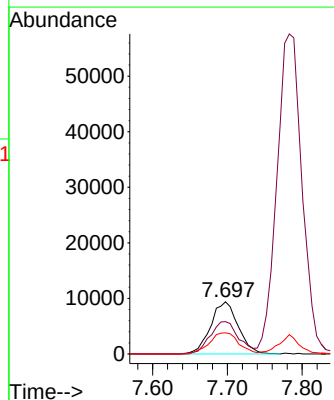
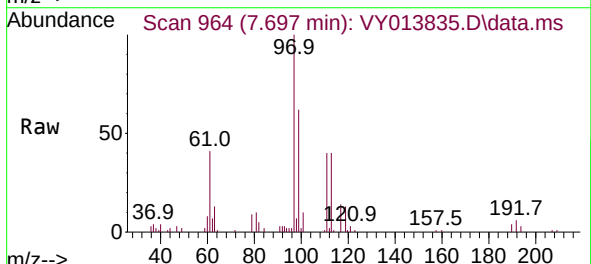
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

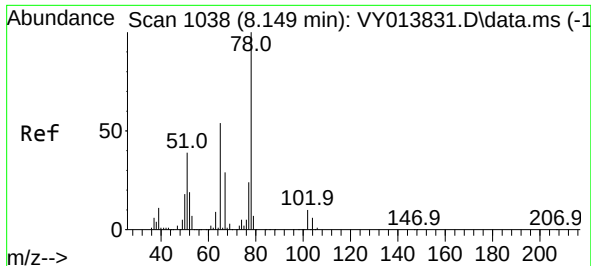
Tgt Ion: 56 Resp: 24814
Ion Ratio Lower Upper
56 100
69 61.0 25.8 38.8#
84 94.0 68.2 102.2



#32
1,1,1-Trichloroethane
Concen: 5.172 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.012 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

Tgt Ion: 97 Resp: 23953
Ion Ratio Lower Upper
97 100
99 64.2 50.5 75.7
61 43.0 35.0 52.4





#33

1,2-Dichloroethane-d4

Concen: 5.284 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.012 min

Lab File: VY013835.D

Acq: 23 May 2023 16:21

Instrument :

MSVOA_Y

ClientSampleId :

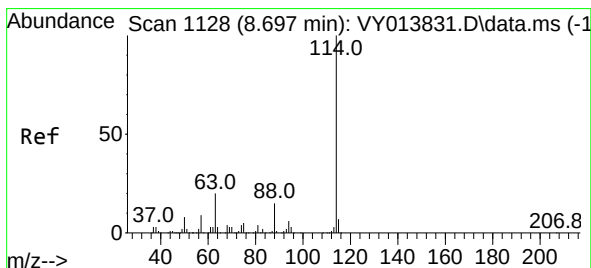
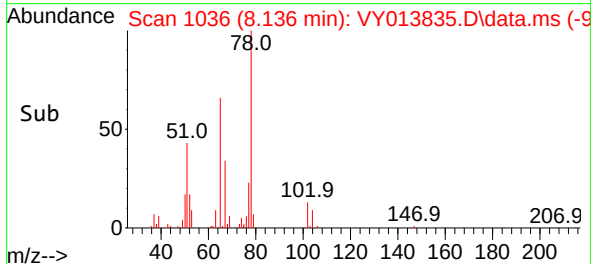
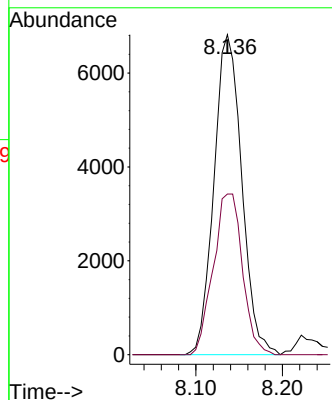
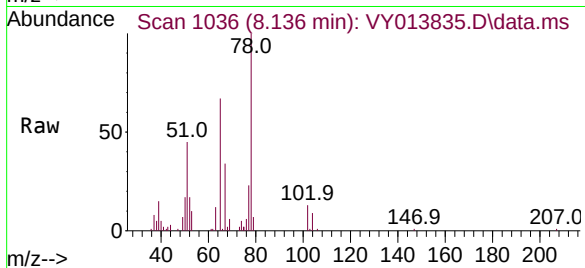
VSTDIC005

Tgt Ion: 65 Resp: 15208

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.012 min

Lab File: VY013835.D

Acq: 23 May 2023 16:21

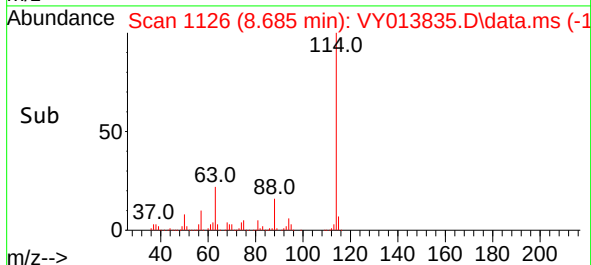
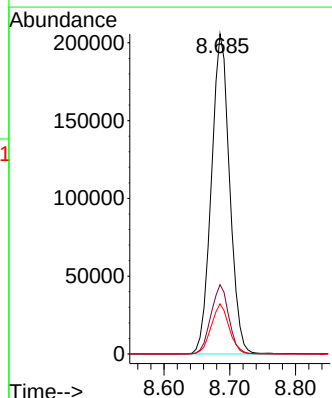
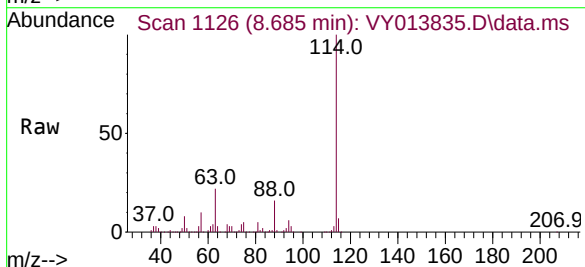
Tgt Ion: 114 Resp: 396722

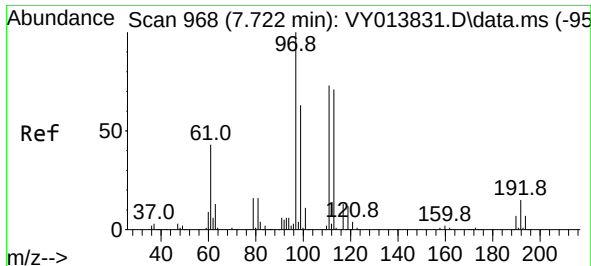
Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.2

88 15.7 0.0 30.0

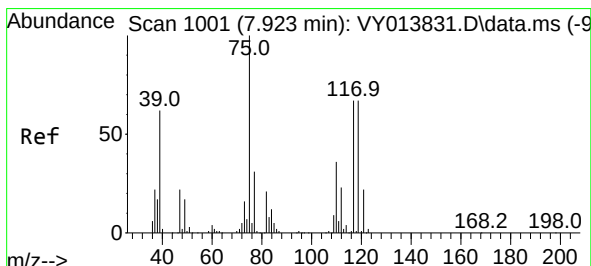
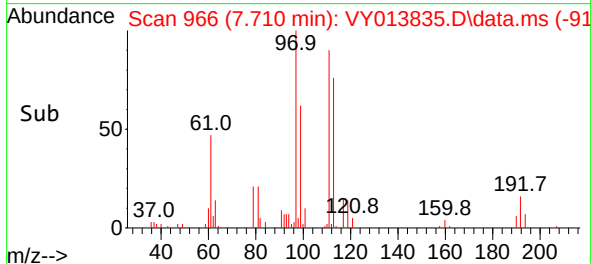
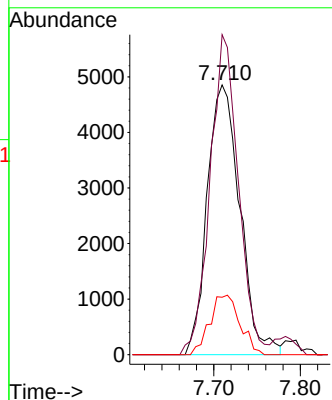
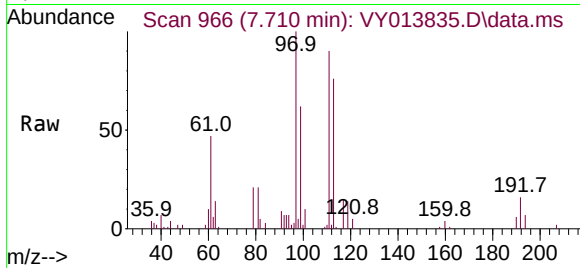




#35
Dibromofluoromethane
Concen: 4.968 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.012 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

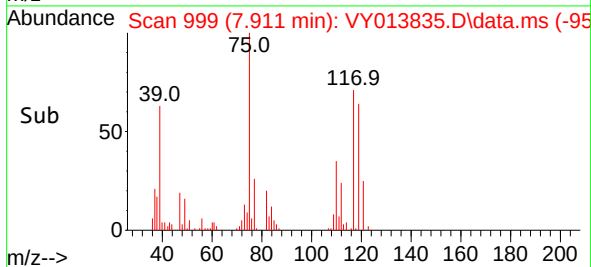
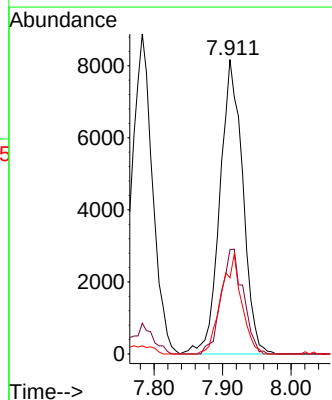
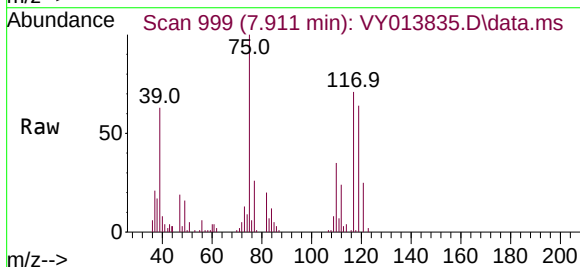
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

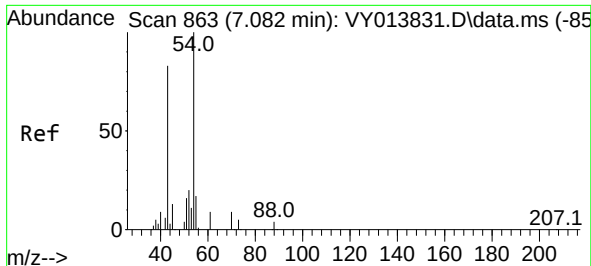
Tgt Ion:113 Resp: 12727
Ion Ratio Lower Upper
113 100
111 102.8 80.4 120.6
192 20.4 16.6 25.0



#36
1,1-Dichloropropene
Concen: 4.839 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.012 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

Tgt Ion: 75 Resp: 18884
Ion Ratio Lower Upper
75 100
110 34.6 17.5 52.6
77 30.4 24.4 36.6





#37

Ethyl Acetate

Concen: 4.338 ug/l

RT: 7.069 min Scan# 80

Delta R.T. -0.012 min

Lab File: VY013835.D

Acq: 23 May 2023 16:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

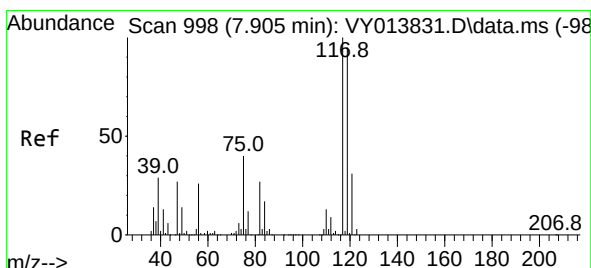
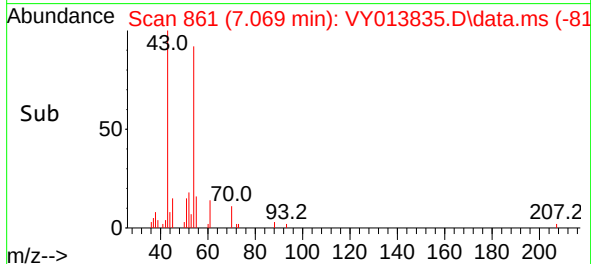
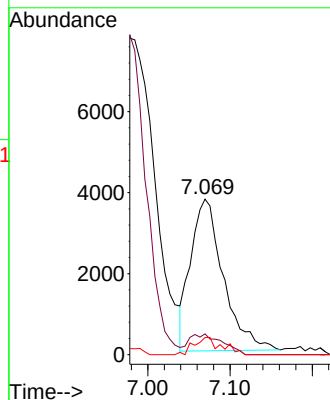
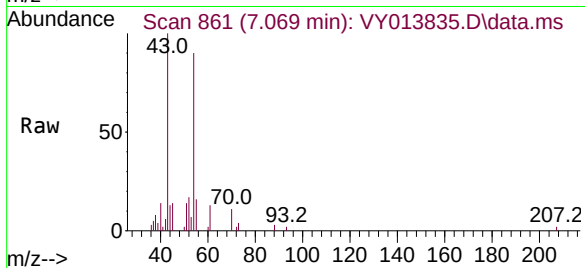
Tgt Ion: 43 Resp: 10327

Ion Ratio Lower Upper

43 100

61 14.0 10.5 15.7

70 9.6 6.9 10.3



#38

Carbon Tetrachloride

Concen: 4.940 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.012 min

Lab File: VY013835.D

Acq: 23 May 2023 16:21

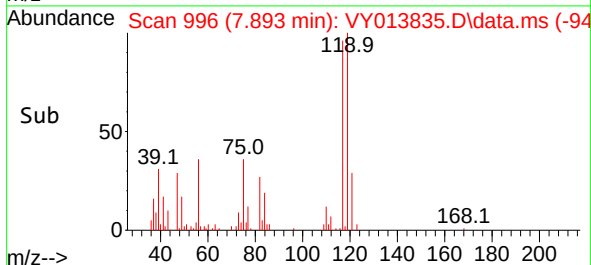
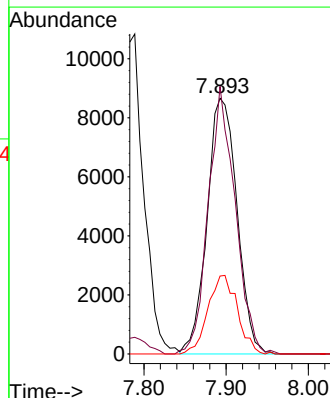
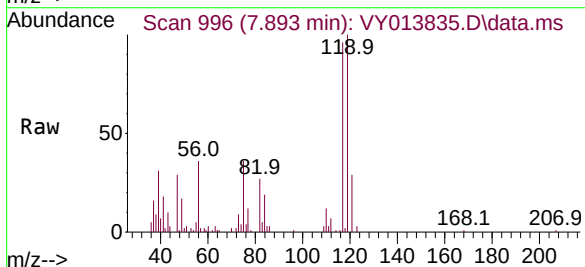
Tgt Ion: 117 Resp: 21925

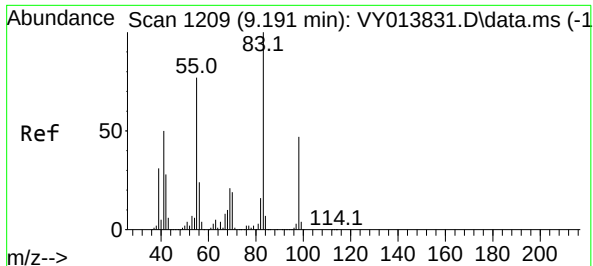
Ion Ratio Lower Upper

117 100

119 104.7 75.6 113.4

121 30.5 24.8 37.2





#39

Methylcyclohexane

Concen: 4.505 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY013835.D

Acq: 23 May 2023 16:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

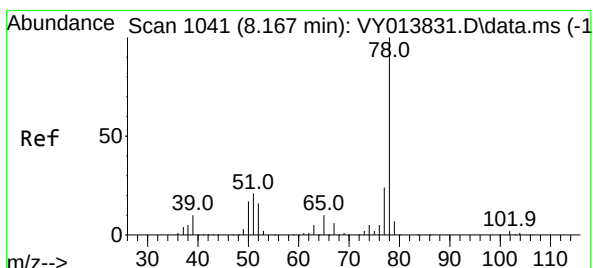
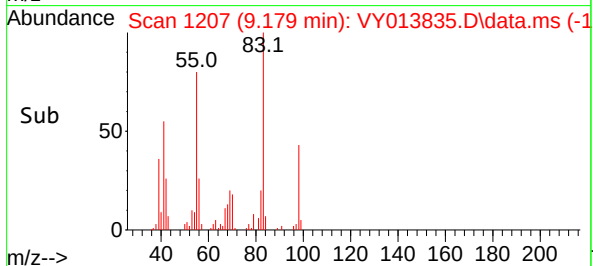
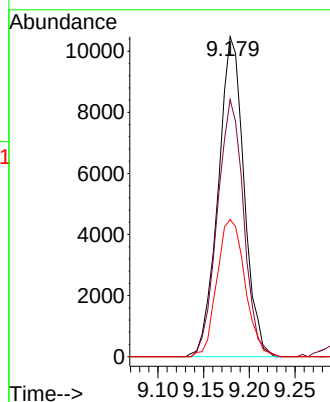
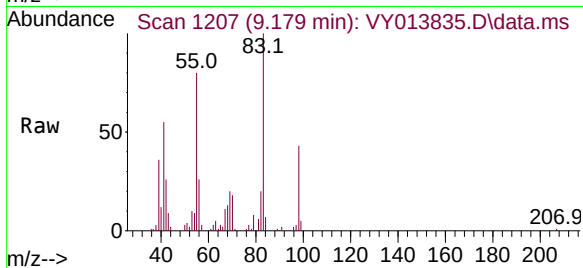
Tgt Ion: 83 Resp: 20589

Ion Ratio Lower Upper

83 100

55 80.3 61.6 92.4

98 42.9 38.0 57.0



#40

Benzene

Concen: 4.983 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.012 min

Lab File: VY013835.D

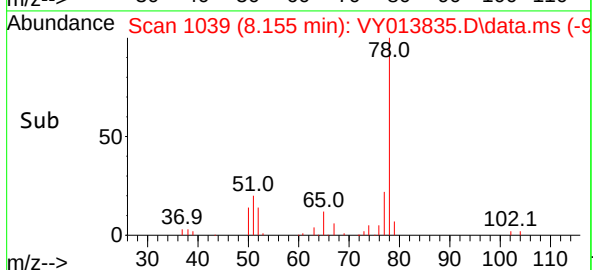
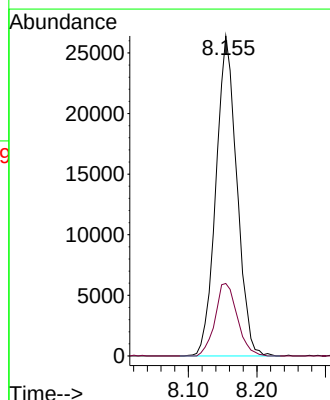
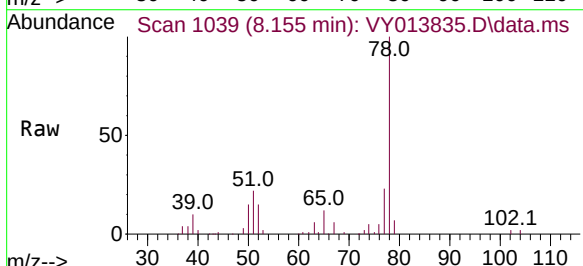
Acq: 23 May 2023 16:21

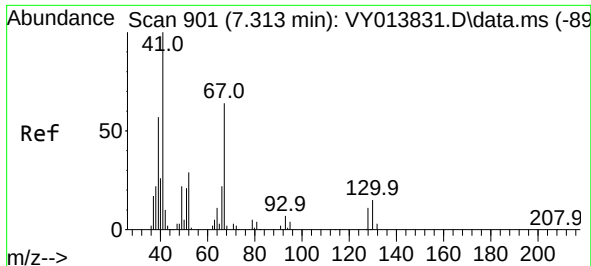
Tgt Ion: 78 Resp: 55856

Ion Ratio Lower Upper

78 100

77 22.6 19.5 29.3

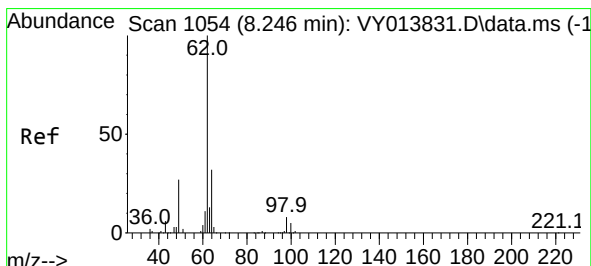
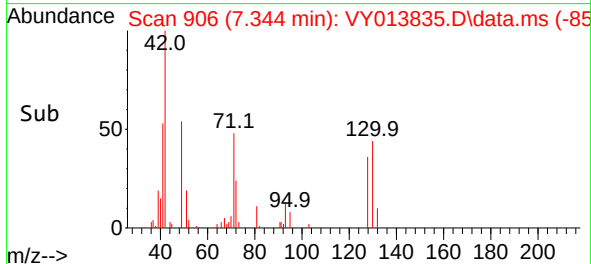
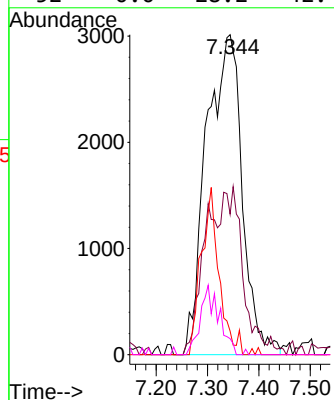
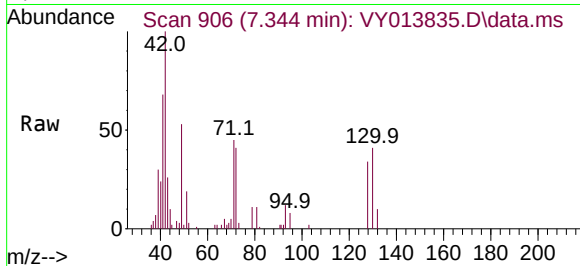




#41
Methacrylonitrile
Concen: 11.231 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

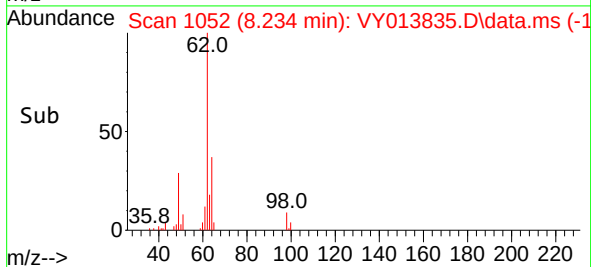
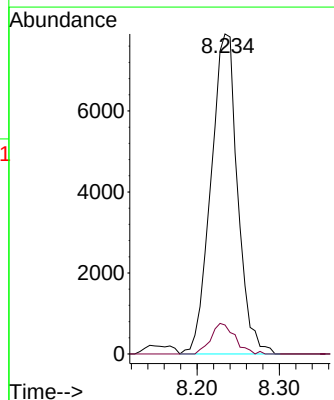
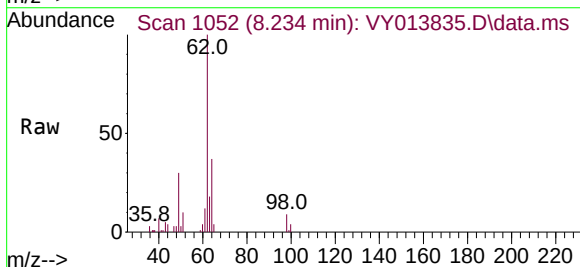
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

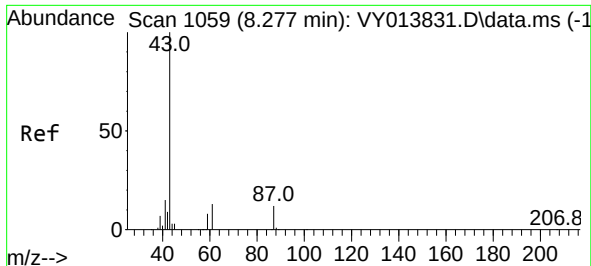
Tgt Ion: 41 Resp: 14586
Ion Ratio Lower Upper
41 100
39 0.0 44.1 66.1#
67 0.0 63.7 95.5#
52 0.0 28.2 42.4#



#42
1,2-Dichloroethane
Concen: 4.856 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.012 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

Tgt Ion: 62 Resp: 17822
Ion Ratio Lower Upper
62 100
98 8.6 0.0 16.8





#43

Isopropyl Acetate

Concen: 4.525 ug/l

RT: 8.270 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VY013835.D

Acq: 23 May 2023 16:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

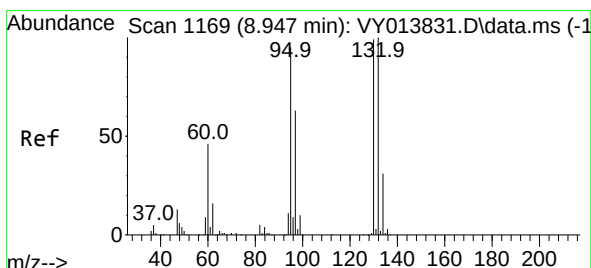
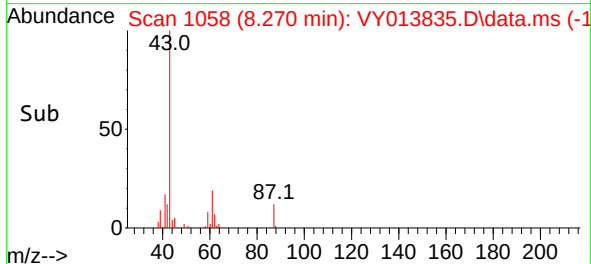
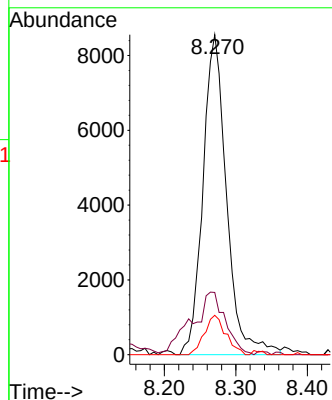
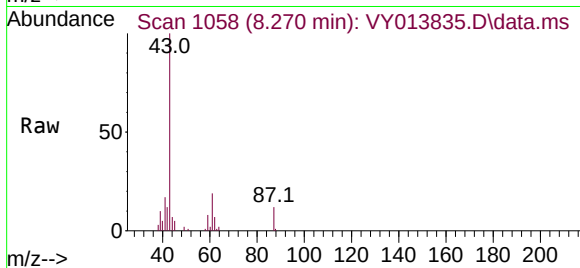
Tgt Ion: 43 Resp: 19628

Ion Ratio Lower Upper

43 100

61 20.1 21.1 31.7#

87 11.2 9.8 14.6



#44

Trichloroethene

Concen: 5.075 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. -0.012 min

Lab File: VY013835.D

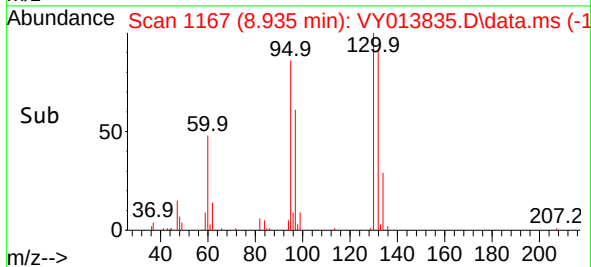
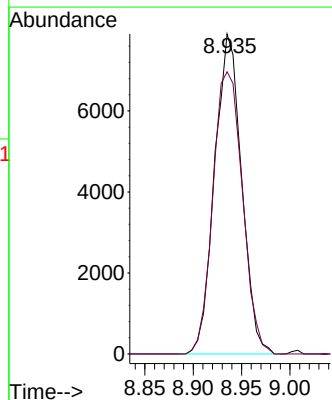
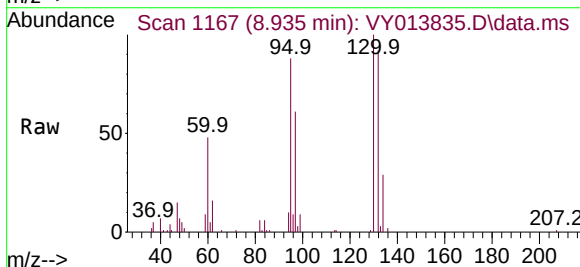
Acq: 23 May 2023 16:21

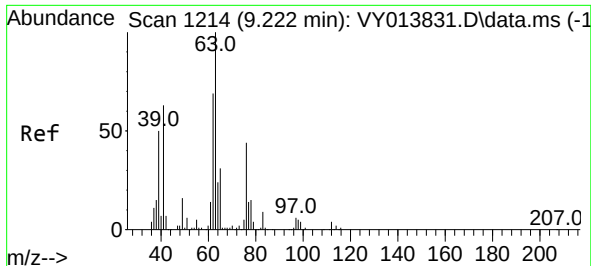
Tgt Ion: 130 Resp: 15325

Ion Ratio Lower Upper

130 100

95 88.2 0.0 192.8





#45

1,2-Dichloropropane

Concen: 5.135 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.012 min

Lab File: VY013835.D

Acq: 23 May 2023 16:21

Instrument :

MSVOA_Y

ClientSampleId :

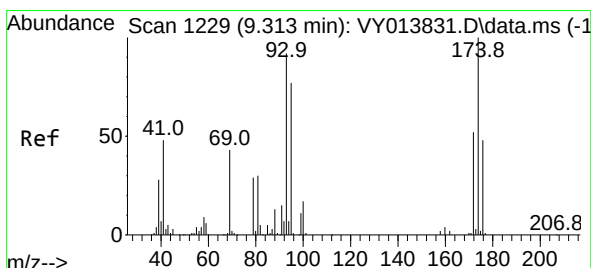
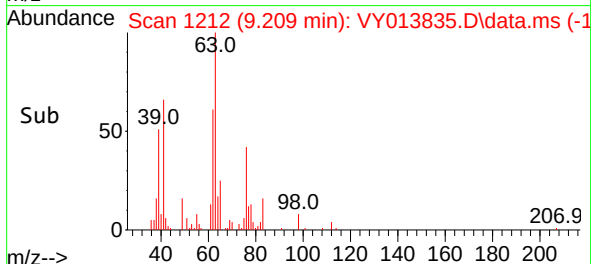
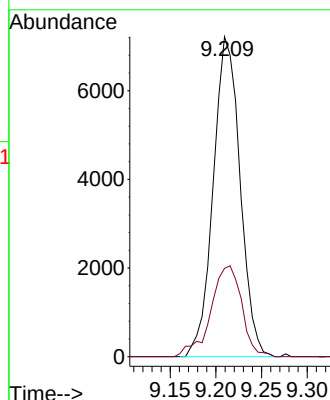
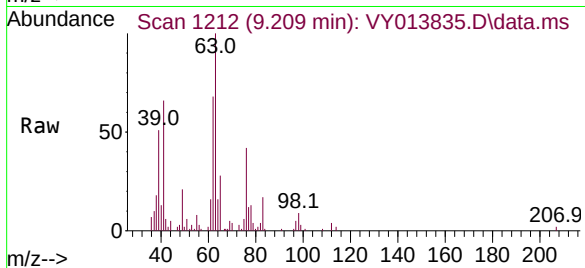
VSTDICC005

Tgt Ion: 63 Resp: 14744

Ion Ratio Lower Upper

63 100

65 27.6 24.7 37.1



#46

Dibromomethane

Concen: 4.939 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.012 min

Lab File: VY013835.D

Acq: 23 May 2023 16:21

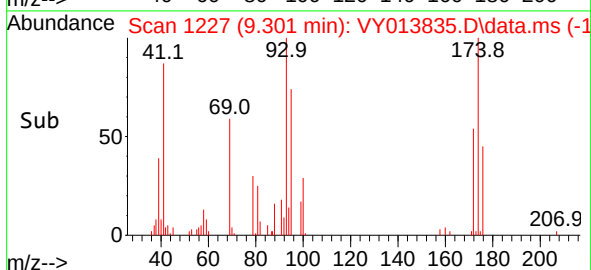
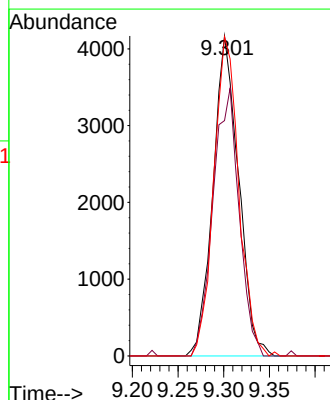
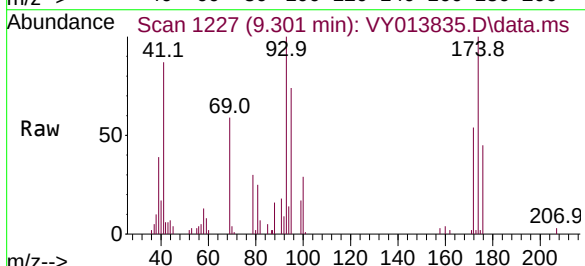
Tgt Ion: 93 Resp: 8121

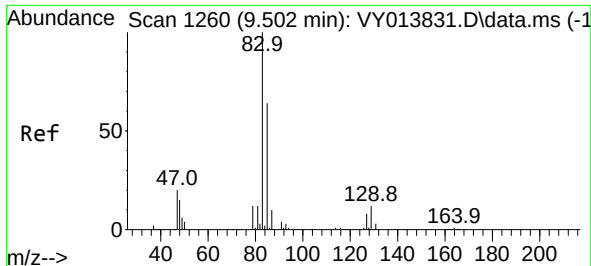
Ion Ratio Lower Upper

93 100

95 84.9 66.4 99.6

174 97.6 83.9 125.9

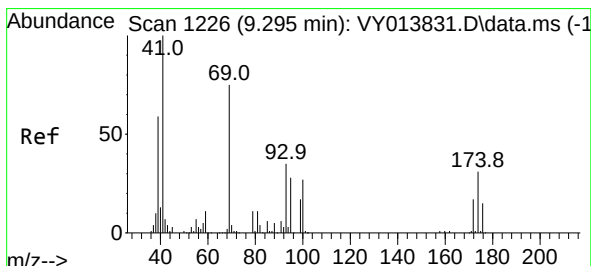
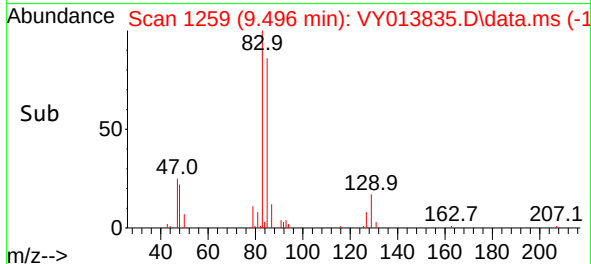
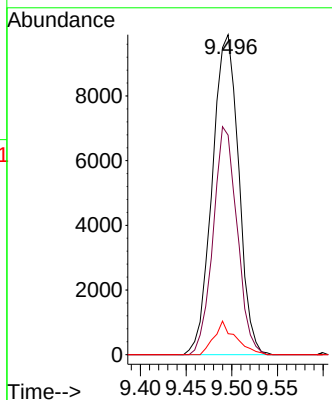
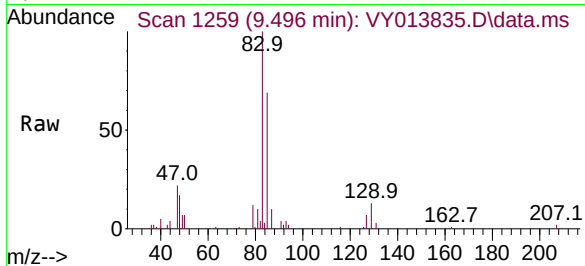




#47
Bromodichloromethane
Concen: 4.958 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

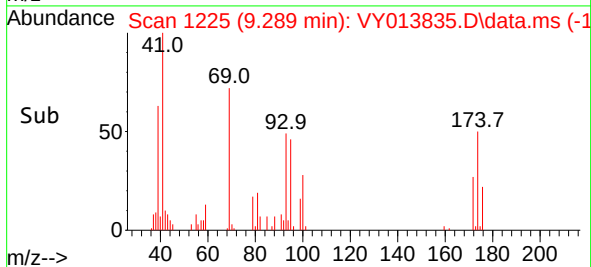
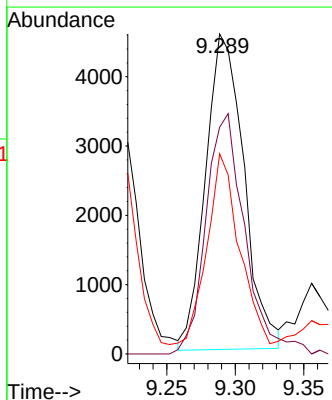
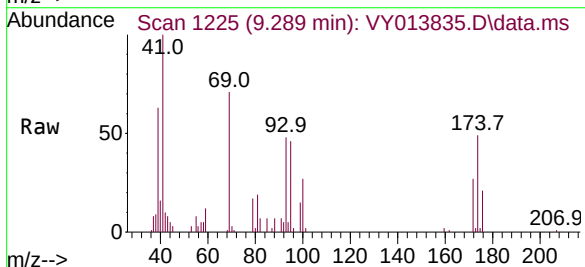
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

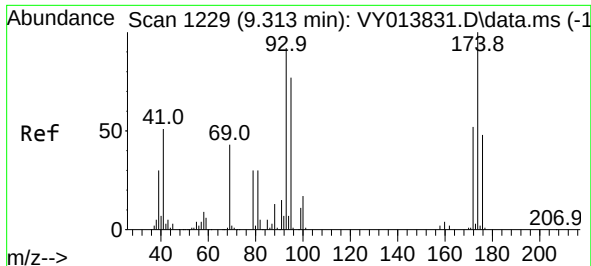
Tgt Ion: 83 Resp: 19870
Ion Ratio Lower Upper
83 100
85 68.6 51.5 77.3
127 6.5 6.6 10.0#



#48
Methyl methacrylate
Concen: 4.351 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

Tgt Ion: 41 Resp: 8862
Ion Ratio Lower Upper
41 100
69 77.5 62.0 93.0
39 52.3 45.7 68.5





#49

1,4-Dioxane

Concen: 79.324 ug/l

RT: 9.313 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013835.D

Acq: 23 May 2023 16:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

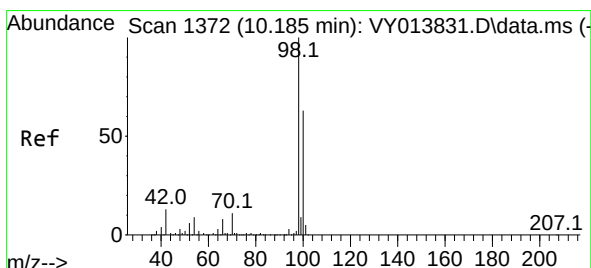
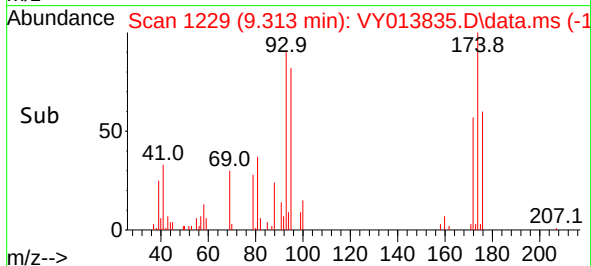
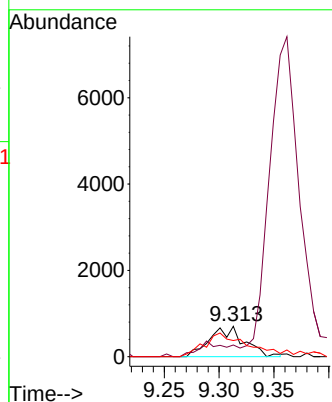
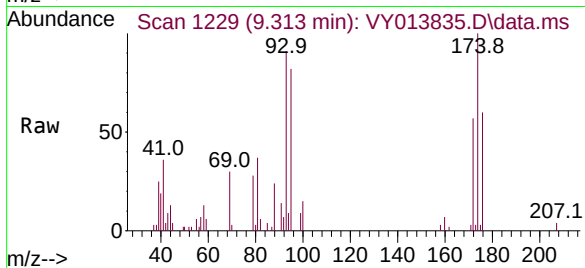
Tgt Ion: 88 Resp: 1533

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 101.2 59.0 88.6#



#50

Toluene-d8

Concen: 5.027 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY013835.D

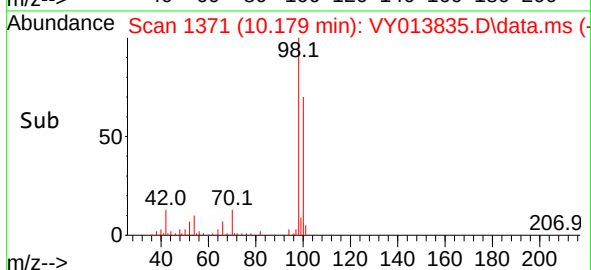
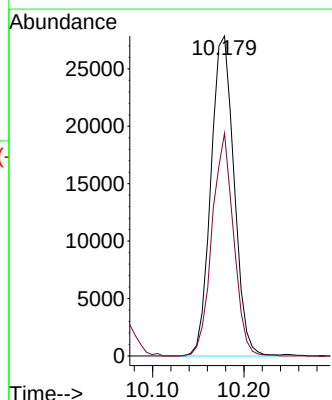
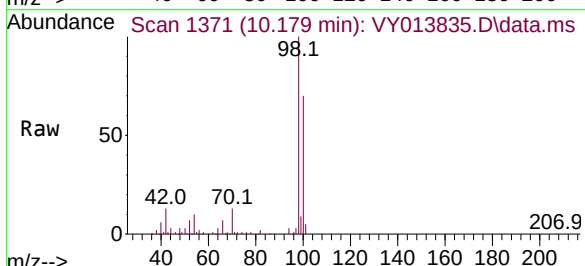
Acq: 23 May 2023 16:21

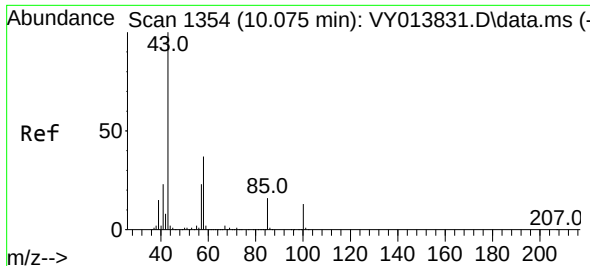
Tgt Ion: 98 Resp: 48951

Ion Ratio Lower Upper

98 100

100 65.0 50.8 76.2

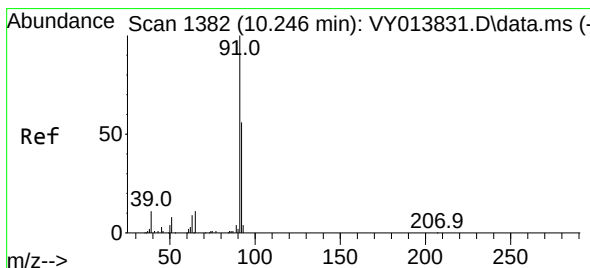
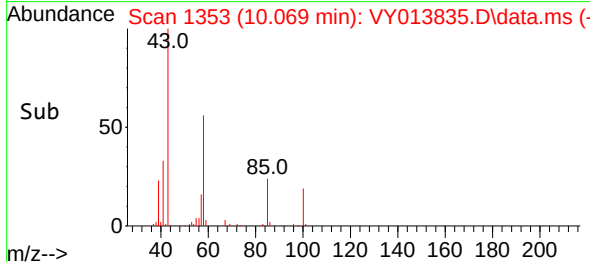
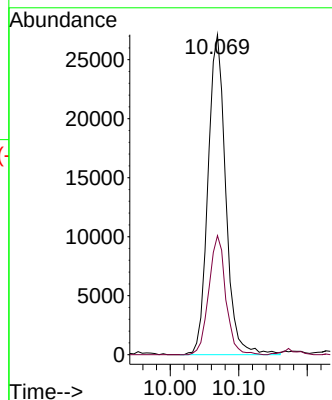
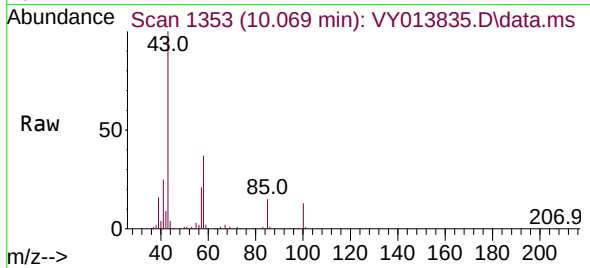




#51
4-Methyl-2-Pentanone
Concen: 21.101 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

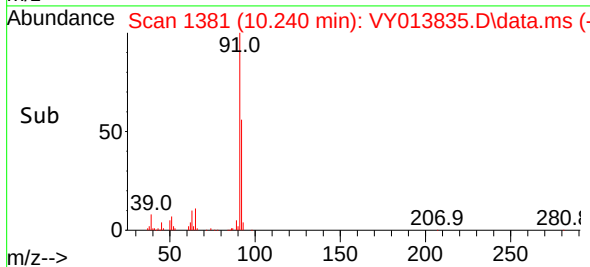
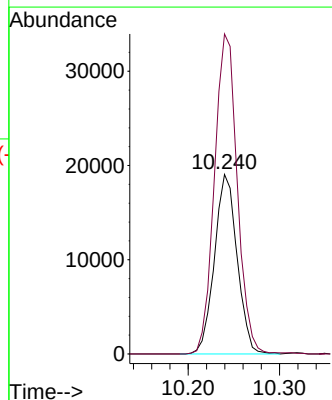
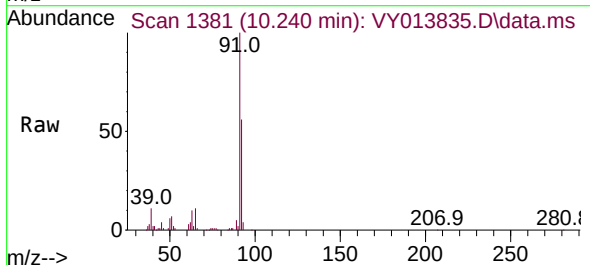
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

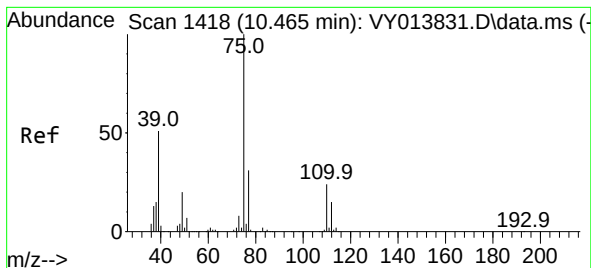
Tgt Ion: 43 Resp: 48777
Ion Ratio Lower Upper
43 100
58 35.5 29.1 43.7



#52
Toluene
Concen: 4.805 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

Tgt Ion: 92 Resp: 32834
Ion Ratio Lower Upper
92 100
91 179.9 142.2 213.4

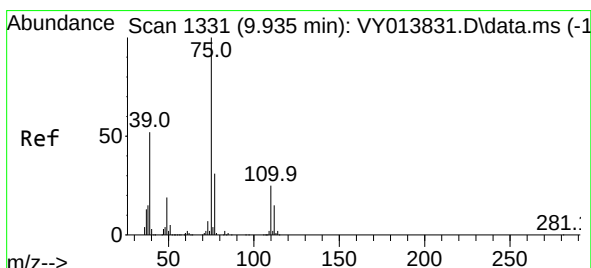
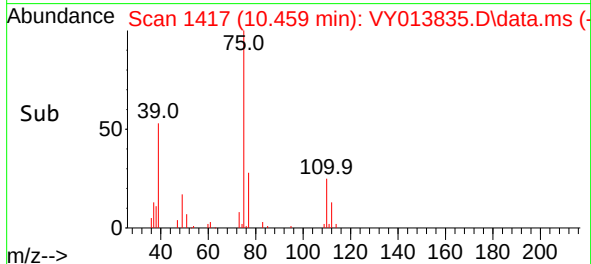
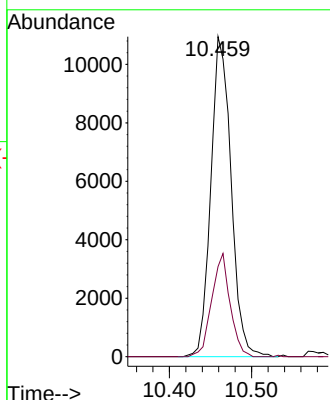
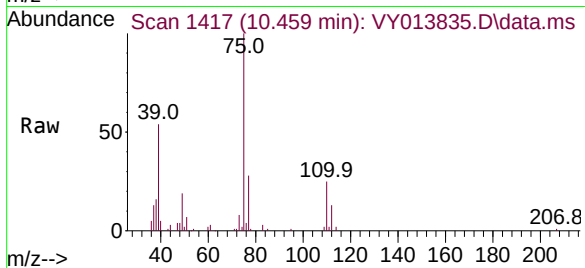




#53
t-1,3-Dichloropropene
Concen: 4.588 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

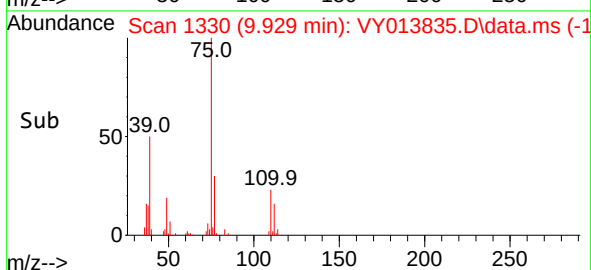
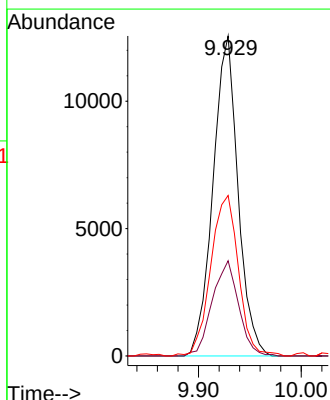
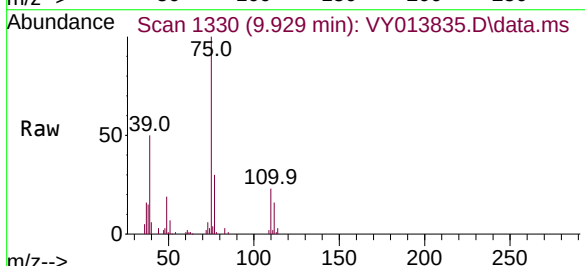
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

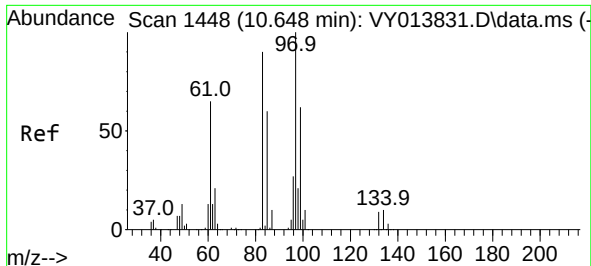
Tgt Ion: 75 Resp: 18717
Ion Ratio Lower Upper
75 100
77 28.2 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 4.642 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

Tgt Ion: 75 Resp: 21215
Ion Ratio Lower Upper
75 100
77 29.7 24.8 37.2
39 49.5 41.8 62.8

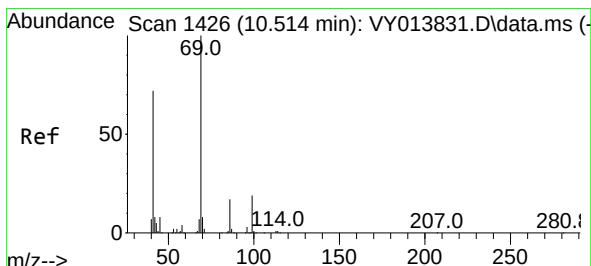
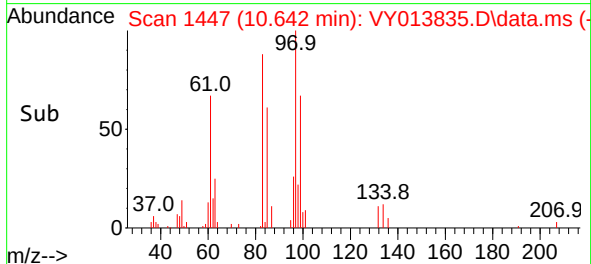
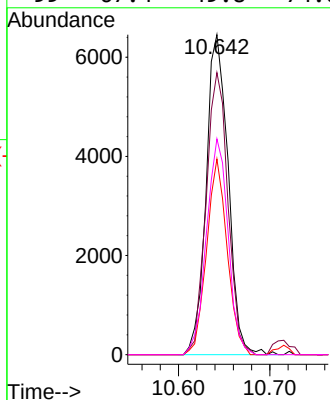
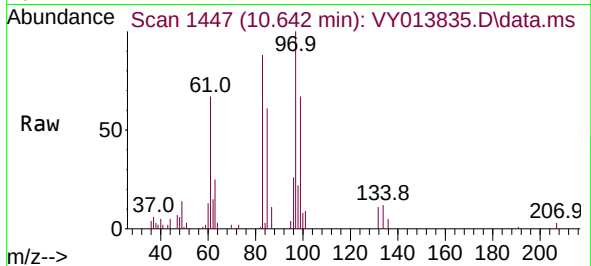




#55
1,1,2-Trichloroethane
Concen: 4.865 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

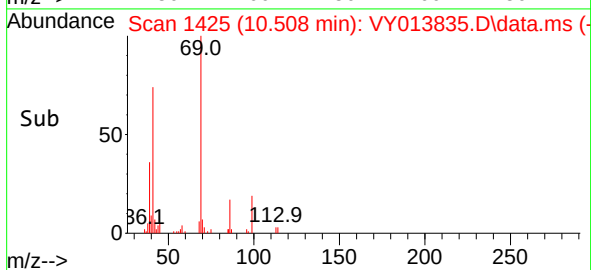
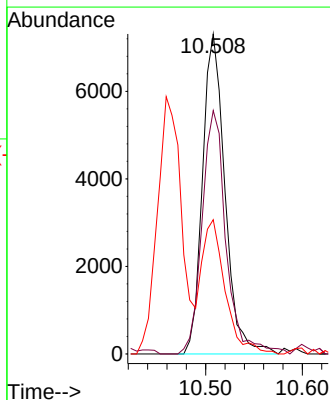
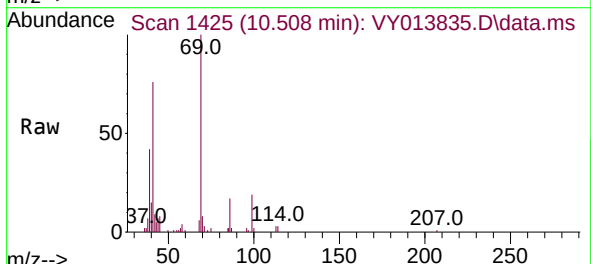
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

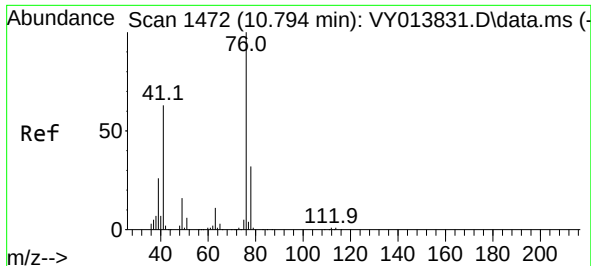
Tgt Ion: 97	Resp: 10763
Ion Ratio	Lower Upper
97 100	
83 88.2	71.9 107.9
85 61.1	47.6 71.4
99 67.4	49.8 74.6



#56
Ethyl methacrylate
Concen: 4.001 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

Tgt Ion: 69	Resp: 11814
Ion Ratio	Lower Upper
69 100	
41 81.4	57.8 86.6
39 43.2	33.9 50.9





#57

1,3-Dichloropropane

Concen: 4.634 ug/l

RT: 10.788 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VY013835.D

Acq: 23 May 2023 16:21

Instrument :

MSVOA_Y

ClientSampleId :

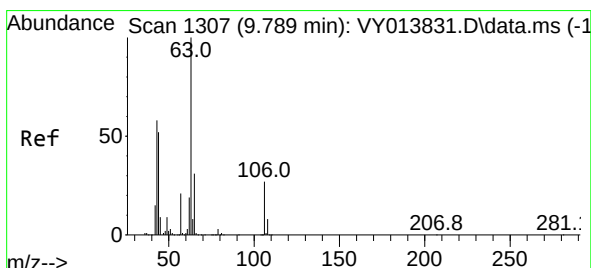
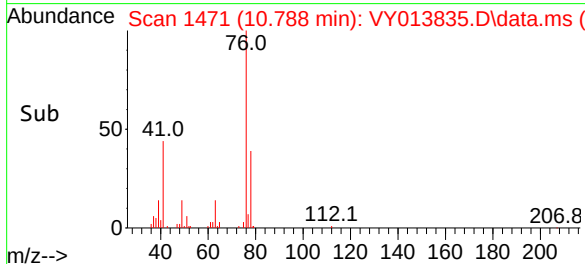
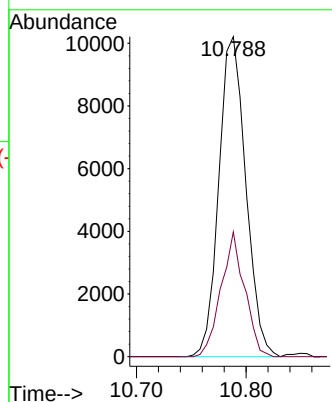
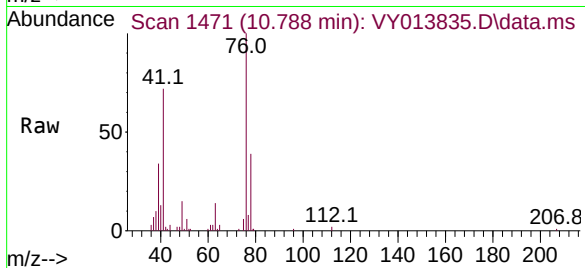
VSTDIC005

Tgt Ion: 76 Resp: 17460

Ion Ratio Lower Upper

76 100

78 34.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 26.040 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY013835.D

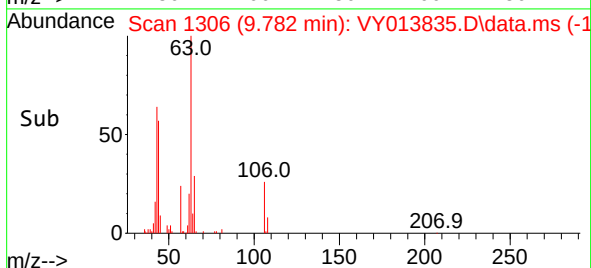
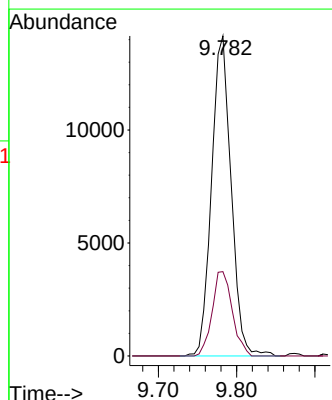
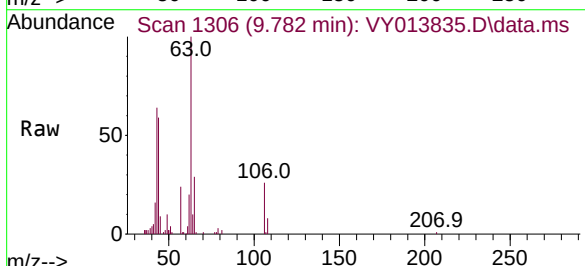
Acq: 23 May 2023 16:21

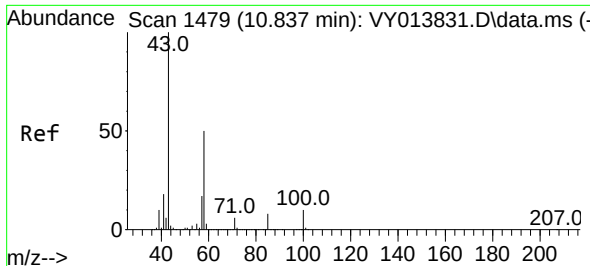
Tgt Ion: 63 Resp: 24537

Ion Ratio Lower Upper

63 100

106 27.1 21.3 31.9

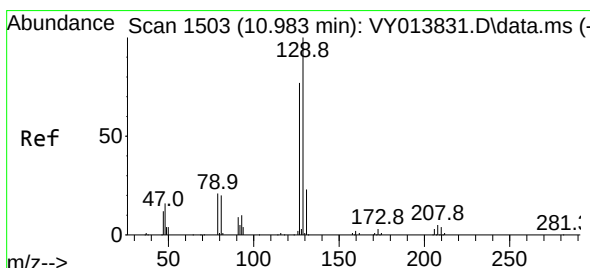
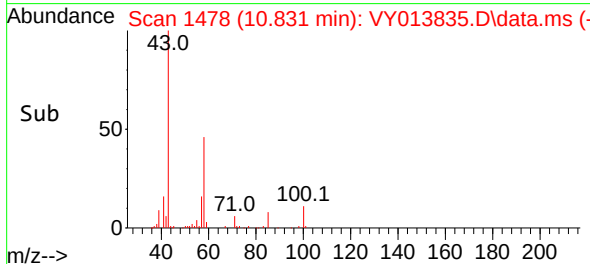
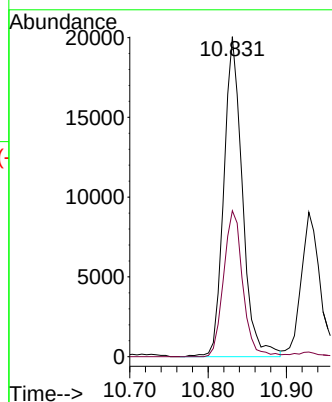
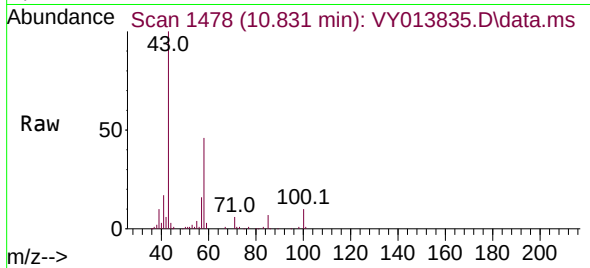




#59
2-Hexanone
Concen: 20.158 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

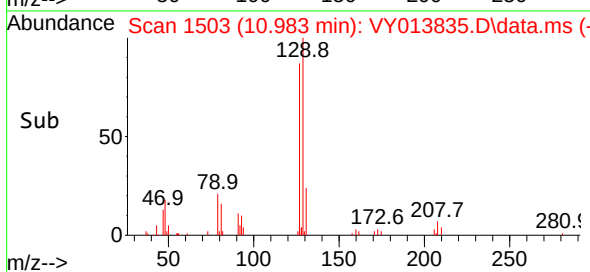
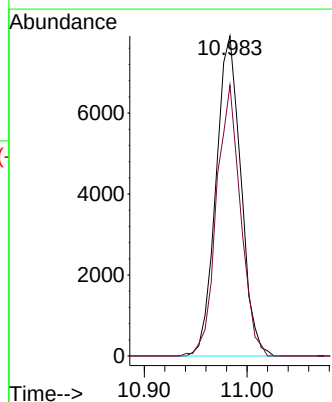
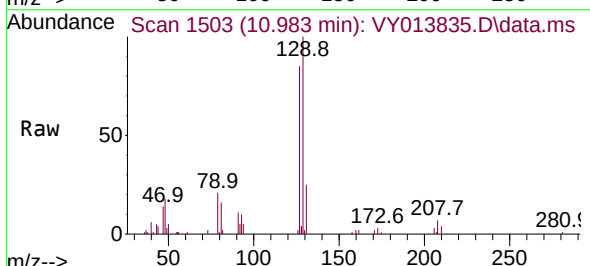
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

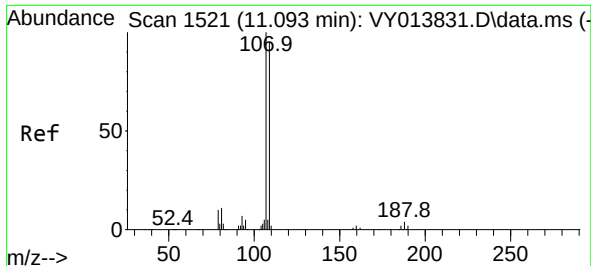
Tgt Ion: 43 Resp: 33146
Ion Ratio Lower Upper
43 100
58 47.1 24.8 74.3



#60
Dibromochloromethane
Concen: 4.745 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

Tgt Ion: 129 Resp: 13278
Ion Ratio Lower Upper
129 100
127 81.9 38.6 116.0

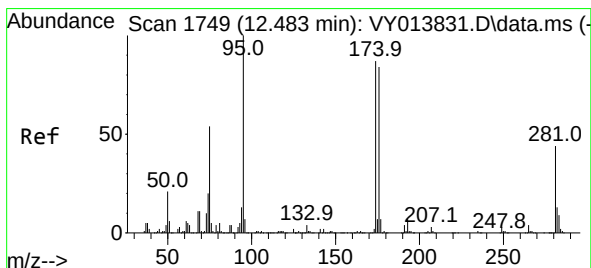
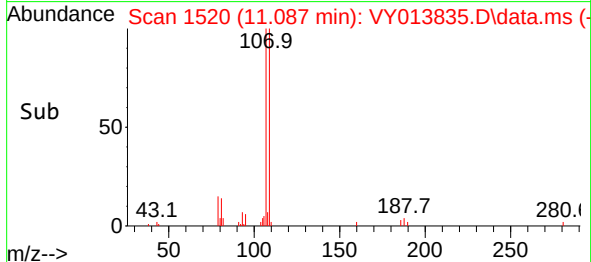
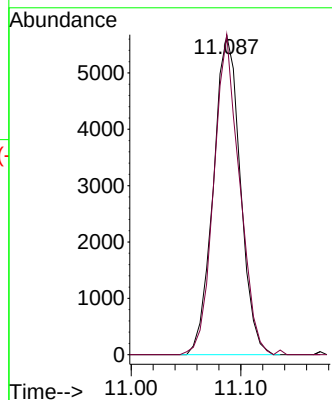
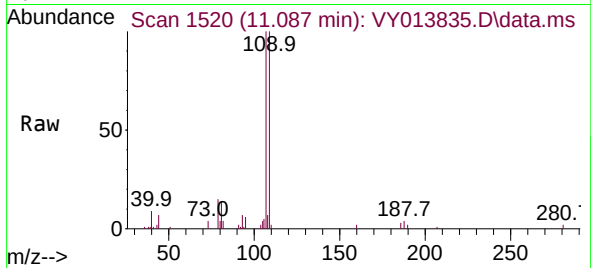




#61
1,2-Dibromoethane
Concen: 4.596 ug/l
RT: 11.087 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

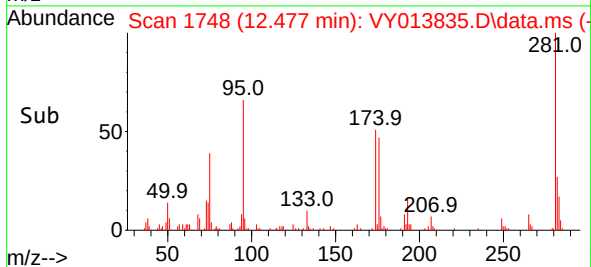
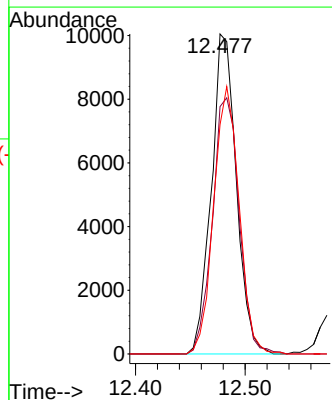
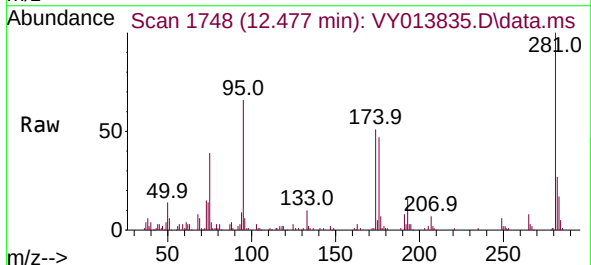
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

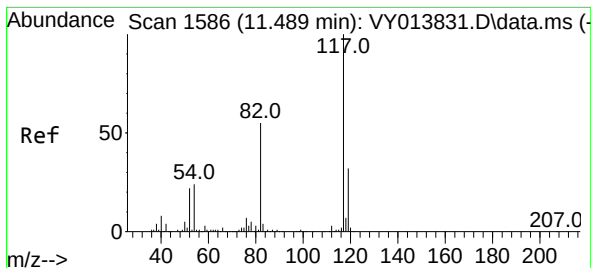
Tgt Ion:107 Resp: 9672
Ion Ratio Lower Upper
107 100
109 95.5 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 4.928 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

Tgt Ion: 95 Resp: 15951
Ion Ratio Lower Upper
95 100
174 85.5 0.0 176.0
176 84.8 0.0 170.2

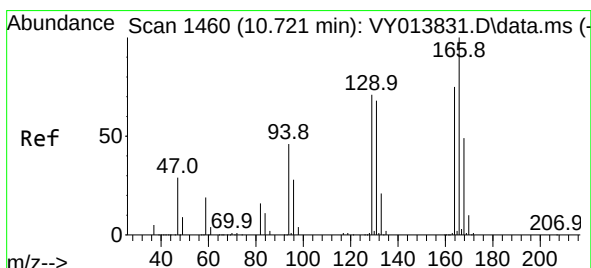
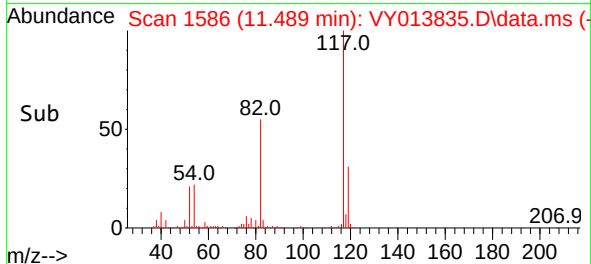
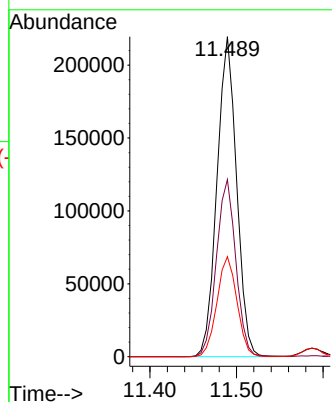
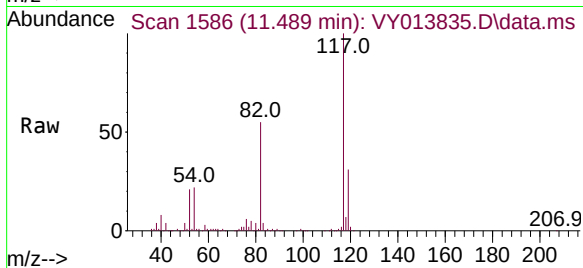




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

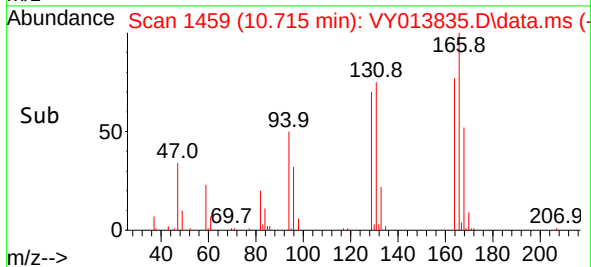
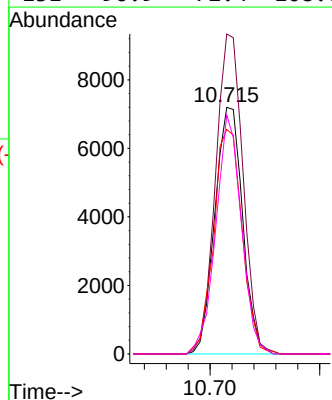
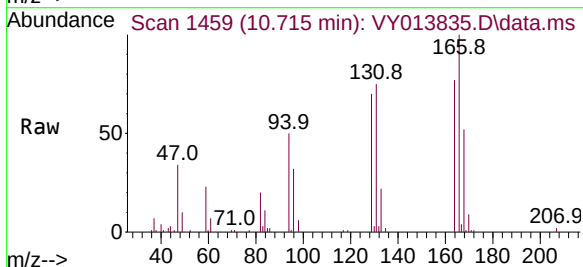
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

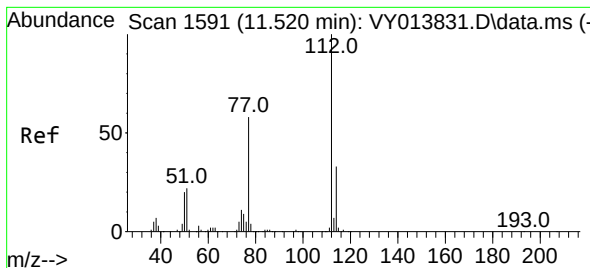
Tgt Ion:117 Resp: 345059
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.4
119 31.2 25.7 38.5



#64
Tetrachloroethene
Concen: 4.951 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

Tgt Ion:164 Resp: 12640
Ion Ratio Lower Upper
164 100
166 129.7 106.2 159.2
129 91.1 75.4 113.0
131 96.9 72.4 108.6





#65

Chlorobenzene

Concen: 4.975 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013835.D

Acq: 23 May 2023 16:21

Instrument :

MSVOA_Y

ClientSampleId :

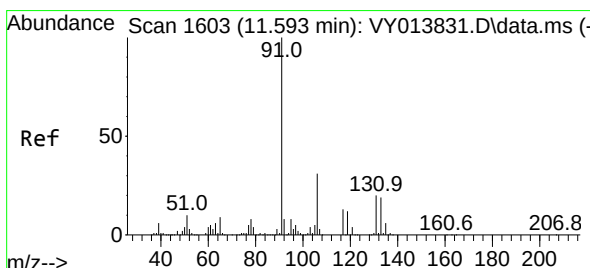
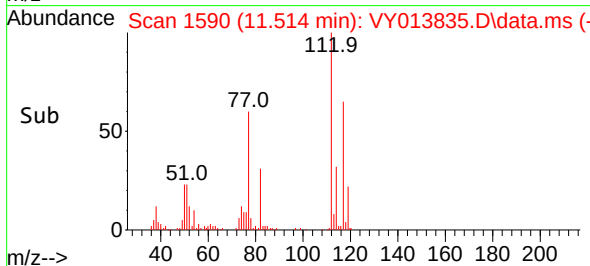
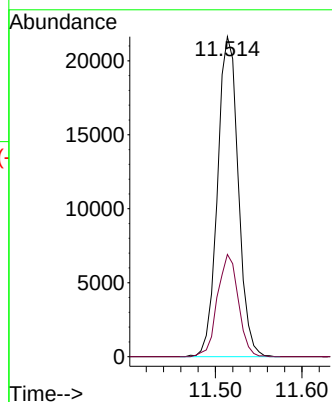
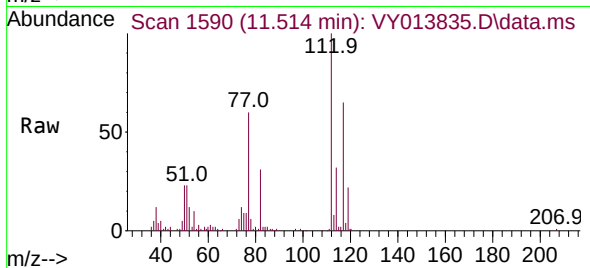
VSTDIC005

Tgt Ion:112 Resp: 35976

Ion Ratio Lower Upper

112 100

114 32.0 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 4.983 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY013835.D

Acq: 23 May 2023 16:21

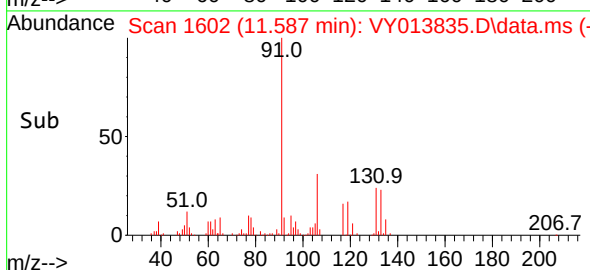
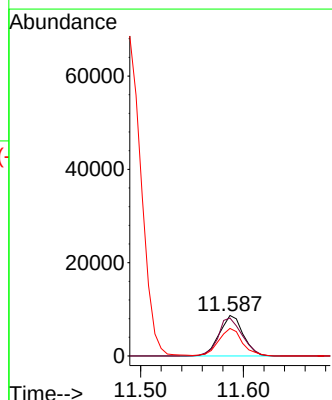
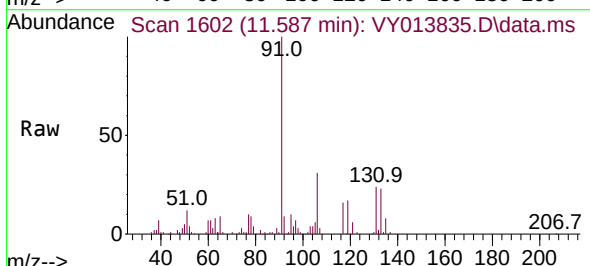
Tgt Ion:131 Resp: 13909

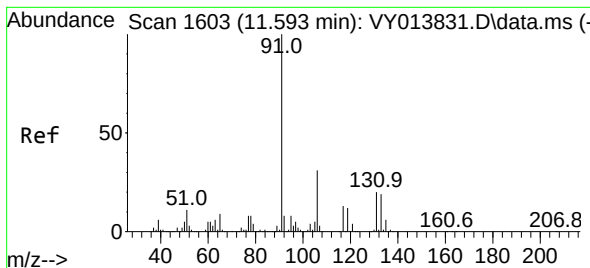
Ion Ratio Lower Upper

131 100

133 95.3 47.9 143.7

119 68.0 32.1 96.5

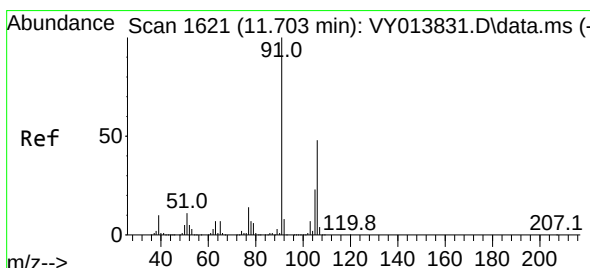
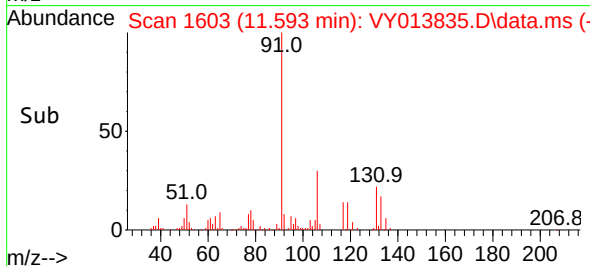
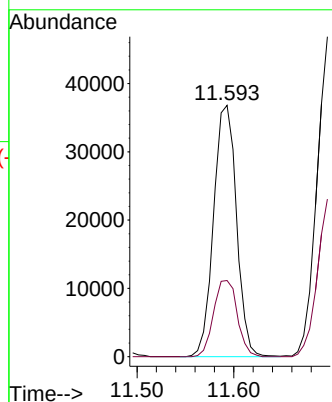
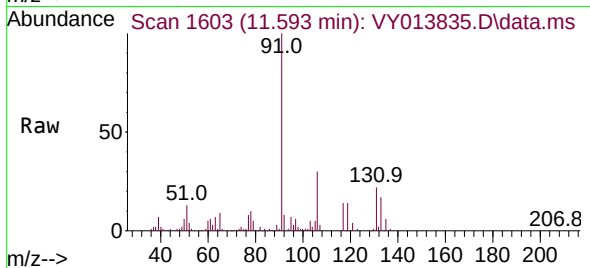




#67
Ethyl Benzene
Concen: 4.654 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

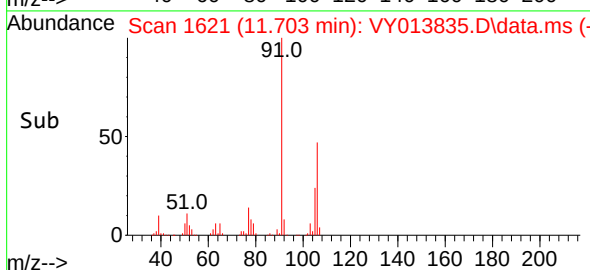
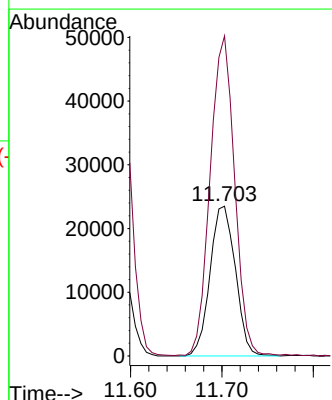
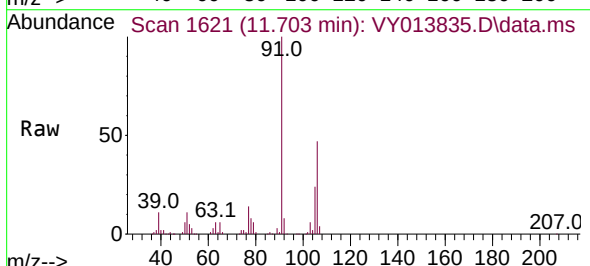
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

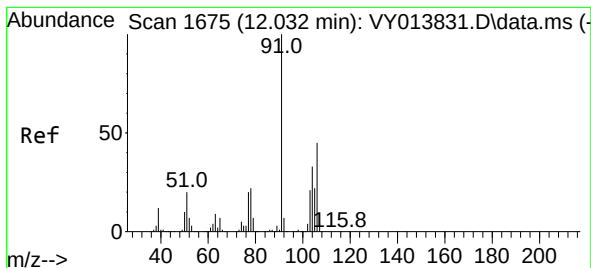
Tgt Ion: 91 Resp: 60567
Ion Ratio Lower Upper
91 100
106 30.3 24.7 37.1



#68
m/p-Xylenes
Concen: 9.186 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

Tgt Ion: 106 Resp: 45241
Ion Ratio Lower Upper
106 100
91 205.2 164.9 247.3





#69

o-Xylene

Concen: 4.646 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013835.D

Acq: 23 May 2023 16:21

Instrument :

MSVOA_Y

ClientSampleId :

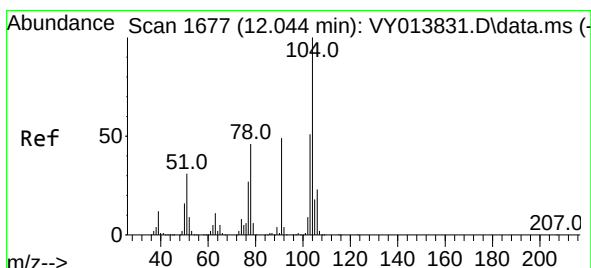
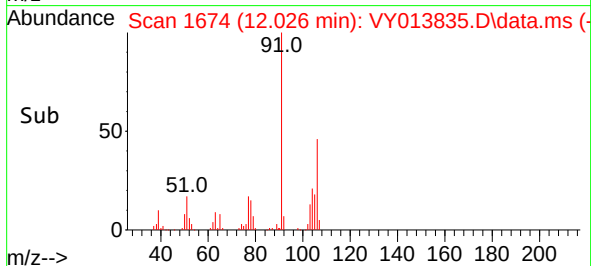
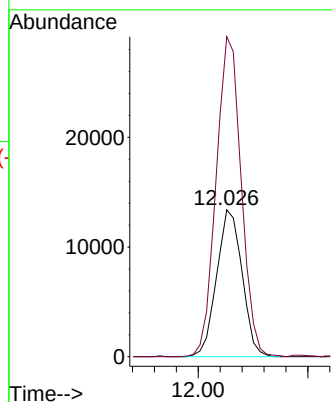
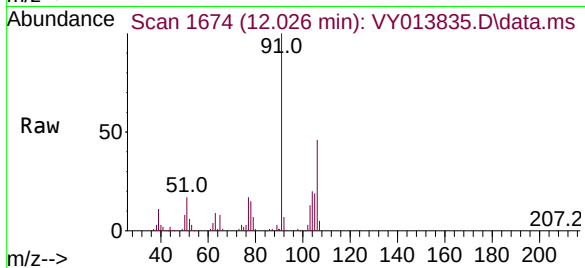
VSTDIC005

Tgt Ion:106 Resp: 21556

Ion Ratio Lower Upper

106 100

91 215.5 109.0 327.0



#70

Styrene

Concen: 4.547 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY013835.D

Acq: 23 May 2023 16:21

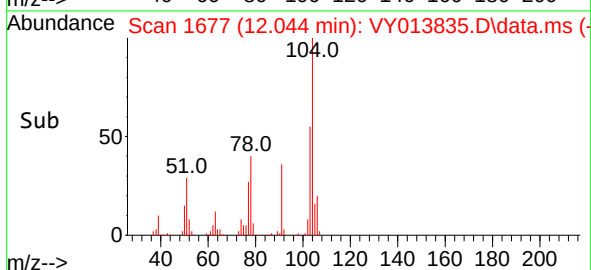
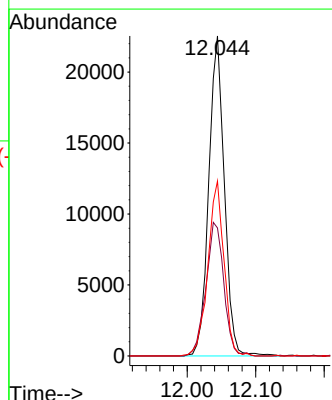
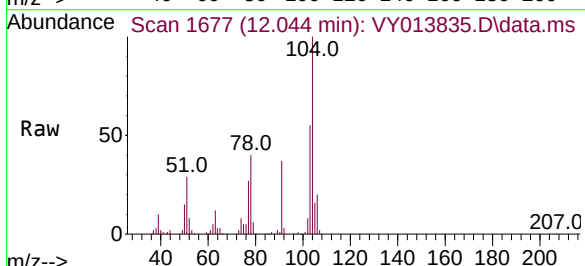
Tgt Ion:104 Resp: 35730

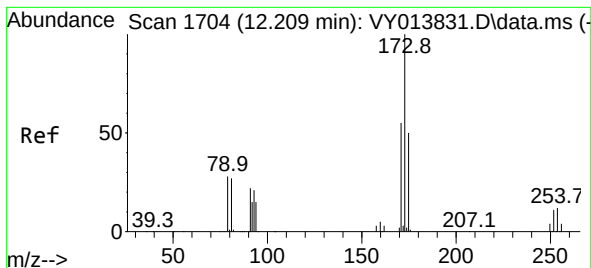
Ion Ratio Lower Upper

104 100

78 48.0 40.8 61.2

103 56.4 44.2 66.4





#71

Bromoform

Concen: 4.713 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY013835.D

Acq: 23 May 2023 16:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

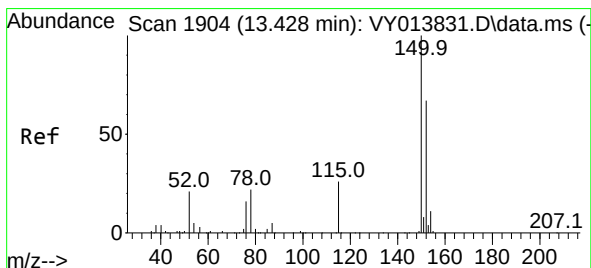
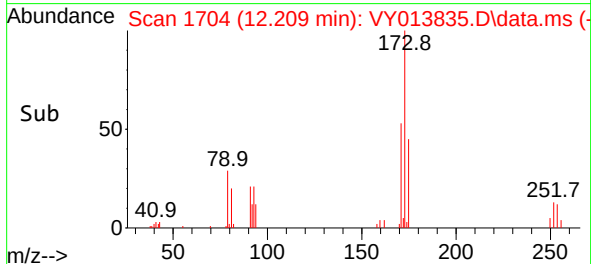
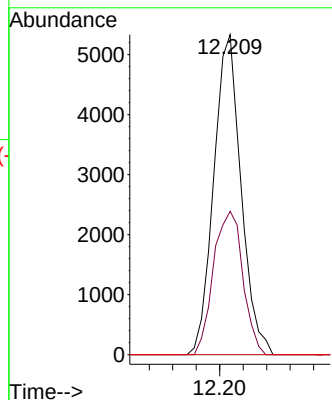
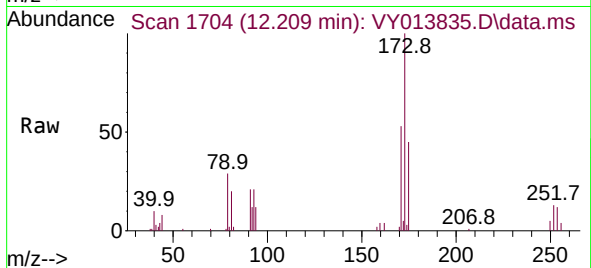
Tgt Ion:173 Resp: 8598

Ion Ratio Lower Upper

173 100

175 48.1 25.1 75.4

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY013835.D

Acq: 23 May 2023 16:21

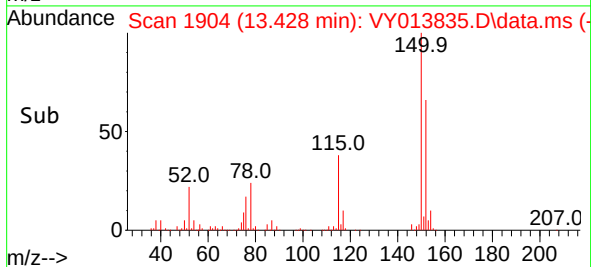
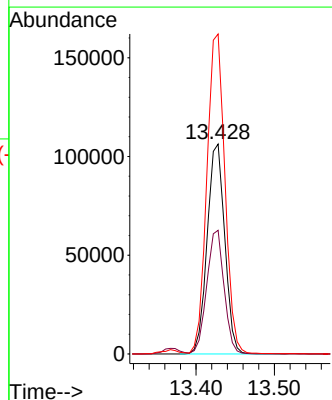
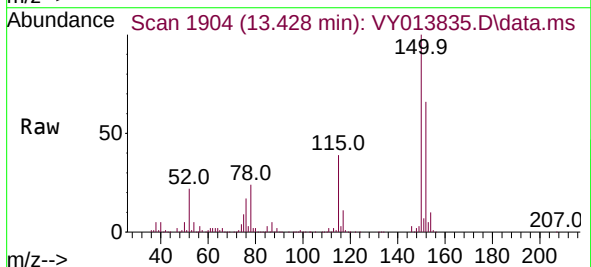
Tgt Ion:152 Resp: 165285

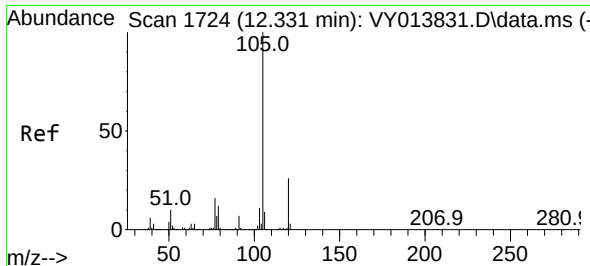
Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 156.2 0.0 353.4

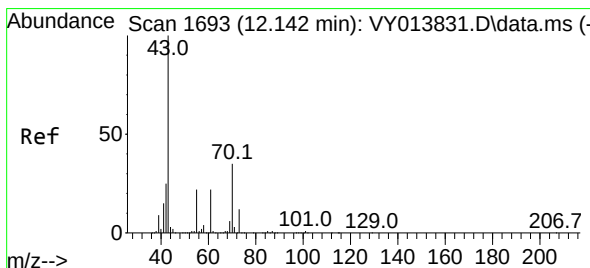
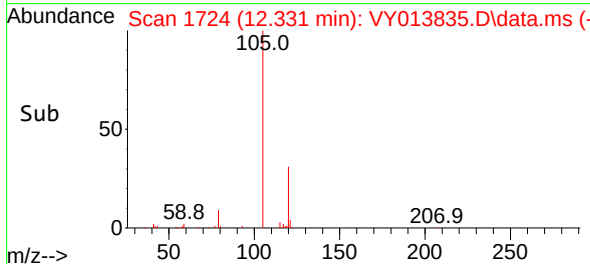
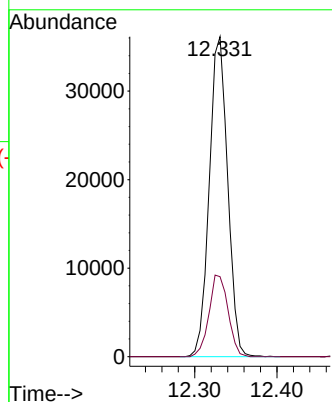
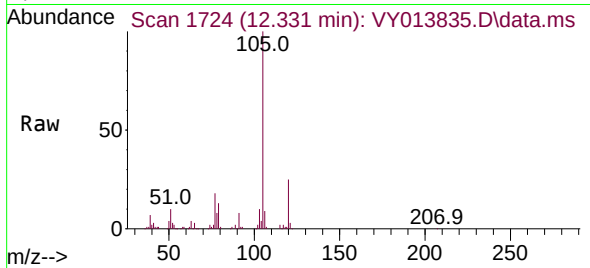




#73
Isopropylbenzene
Concen: 4.553 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

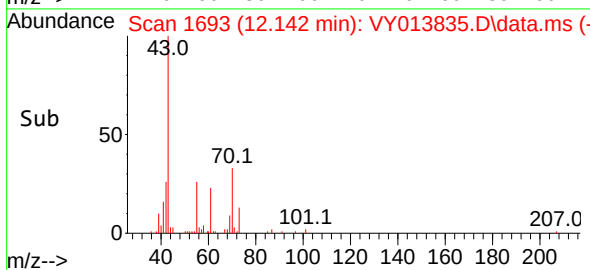
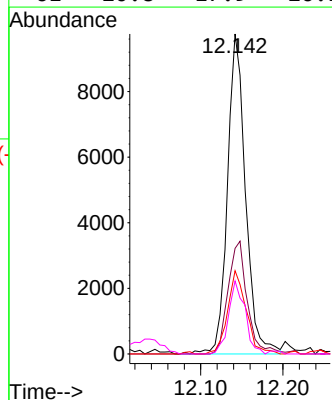
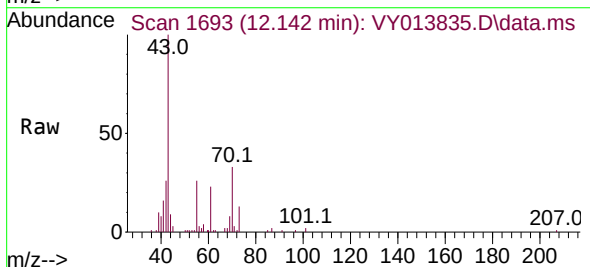
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

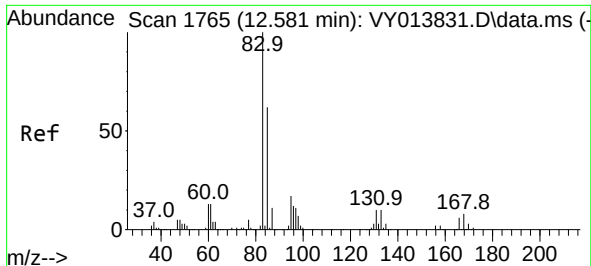
Tgt Ion:105 Resp: 56011
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.6



#74
N-ethyl acetate
Concen: 4.032 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

Tgt Ion: 43 Resp: 14912
Ion Ratio Lower Upper
43 100
70 37.4 29.3 43.9
55 26.8 18.0 27.0
61 20.8 17.9 26.9

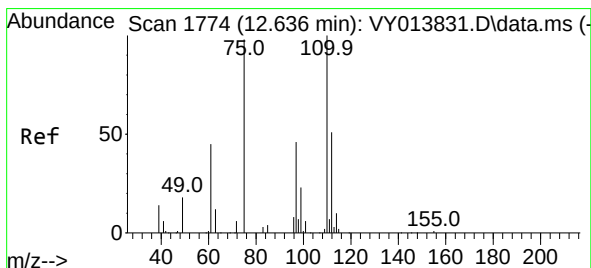
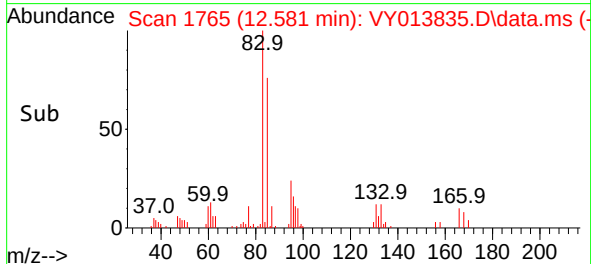
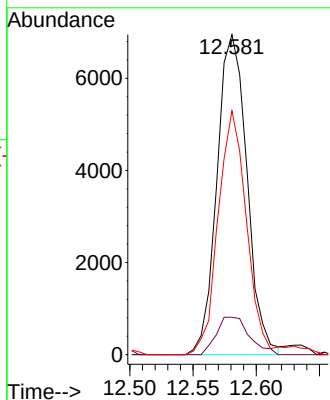
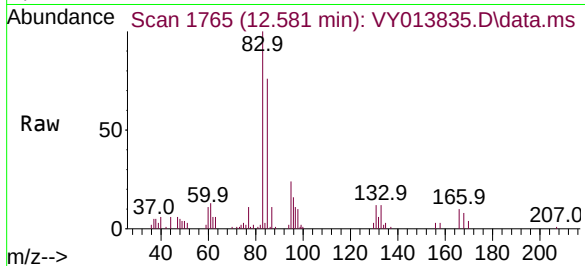




#75
1,1,2,2-Tetrachloroethane
Concen: 4.502 ug/l
RT: 12.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

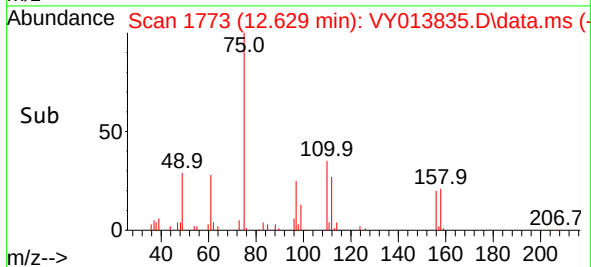
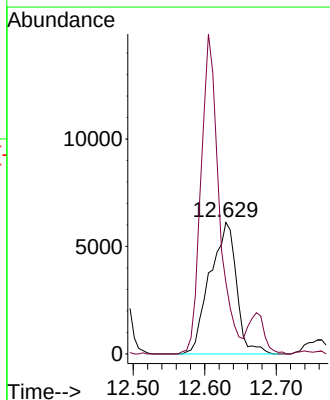
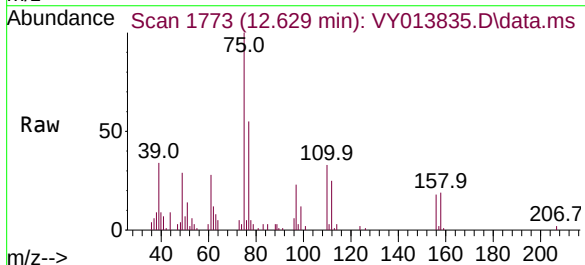
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

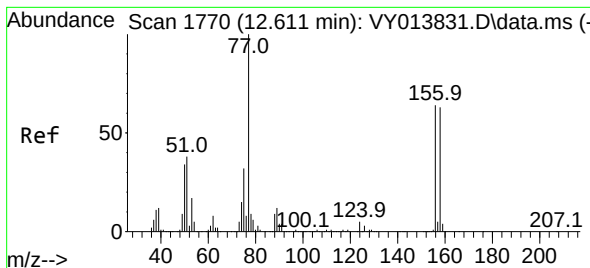
Tgt Ion: 83 Resp: 11464
Ion Ratio Lower Upper
83 100
131 12.9 5.3 16.1
85 72.4 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 8.124 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

Tgt Ion: 75 Resp: 15833
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.822 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013835.D

Acq: 23 May 2023 16:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

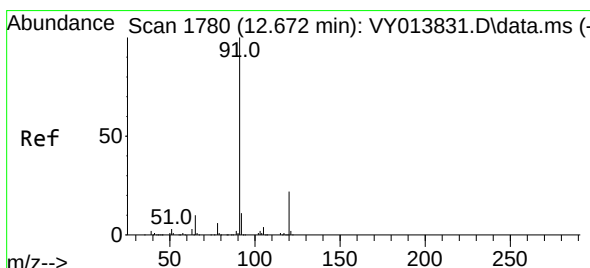
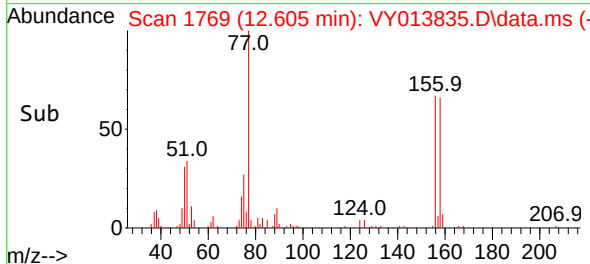
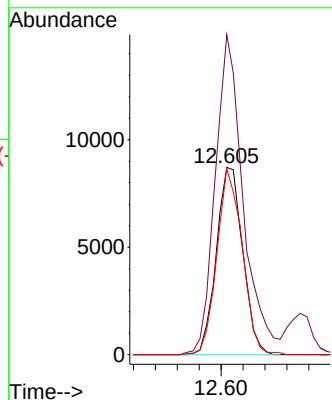
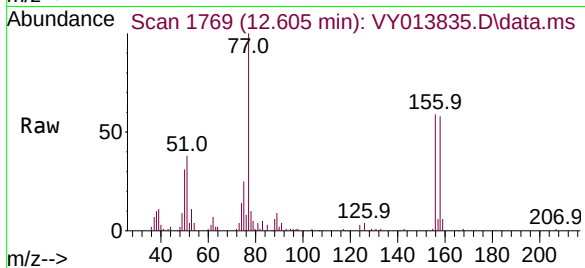
Tgt Ion:156 Resp: 14556

Ion Ratio Lower Upper

156 100

77 181.3 91.6 274.8

158 95.5 48.9 146.6



#78

n-propylbenzene

Concen: 4.711 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY013835.D

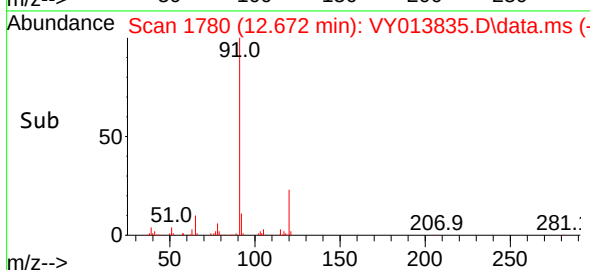
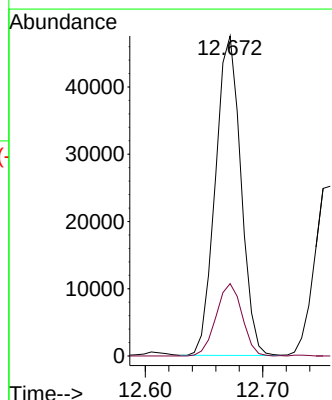
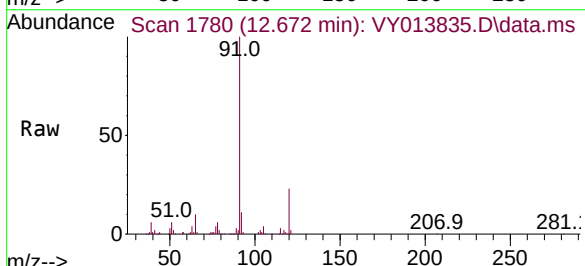
Acq: 23 May 2023 16:21

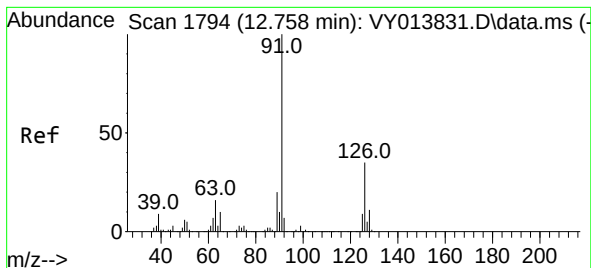
Tgt Ion: 91 Resp: 71605

Ion Ratio Lower Upper

91 100

120 23.0 11.3 33.9





#79

2-Chlorotoluene

Concen: 4.798 ug/l

RT: 12.757 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013835.D

Acq: 23 May 2023 16:21

Instrument :

MSVOA_Y

ClientSampleId :

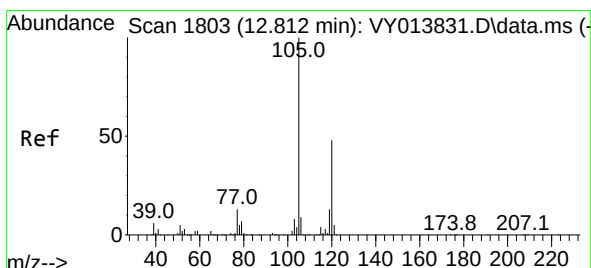
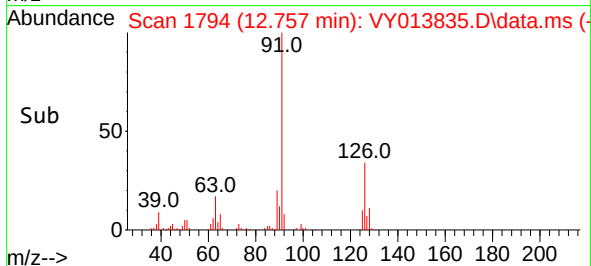
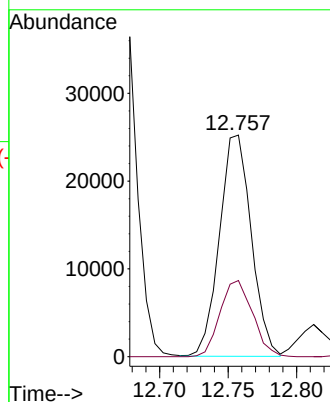
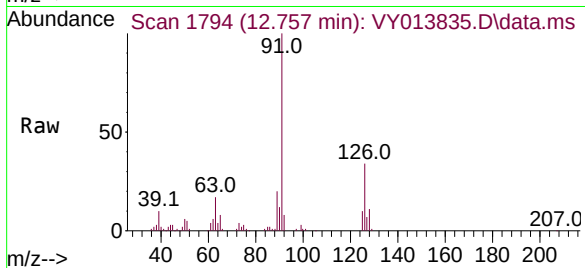
VSTDIC005

Tgt Ion: 91 Resp: 40733

Ion Ratio Lower Upper

91 100

126 35.2 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 4.575 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY013835.D

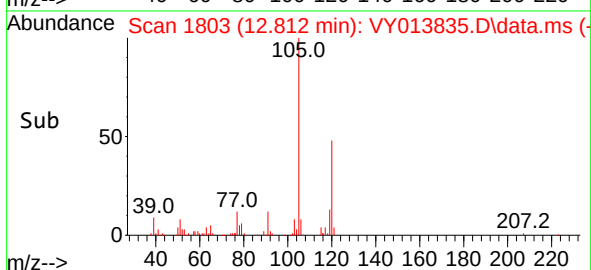
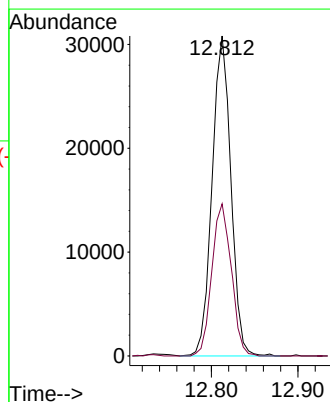
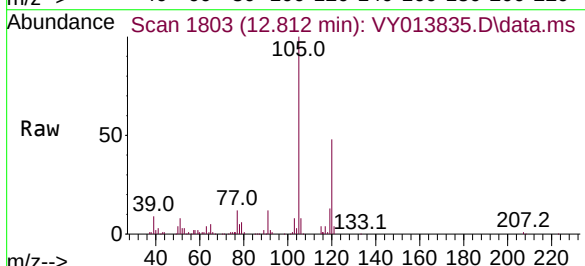
Acq: 23 May 2023 16:21

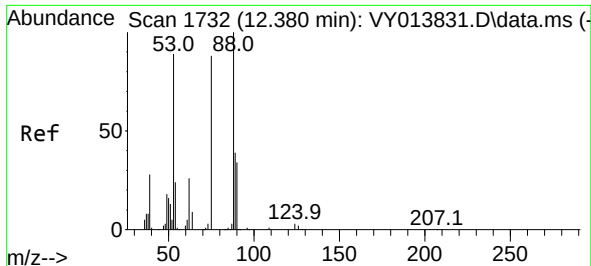
Tgt Ion: 105 Resp: 46458

Ion Ratio Lower Upper

105 100

120 49.2 23.9 71.7

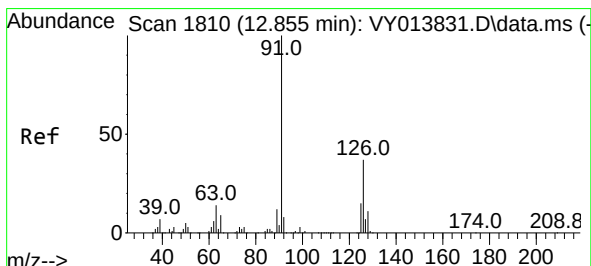
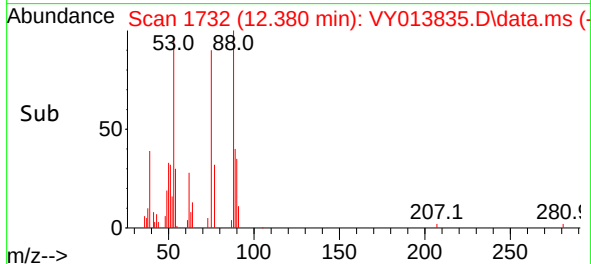
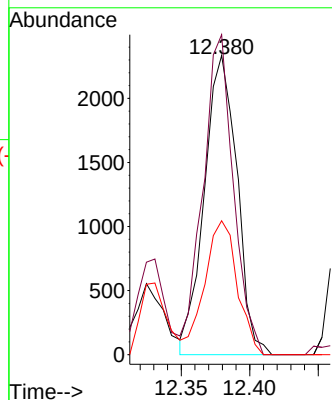
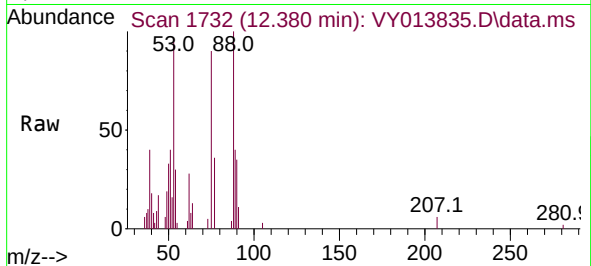




#81
trans-1,4-Dichloro-2-butene
Concen: 4.299 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

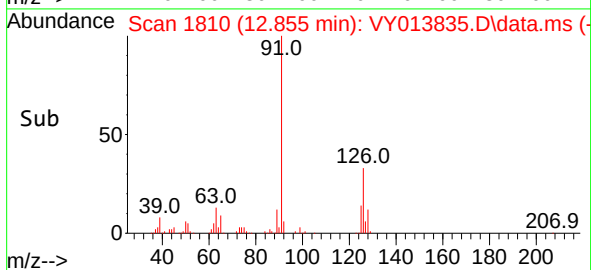
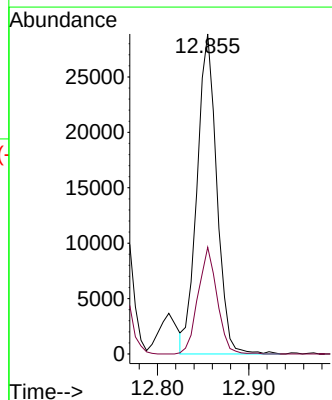
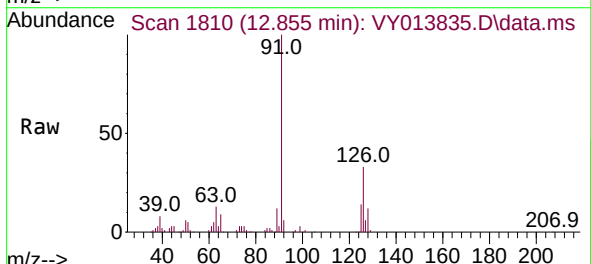
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

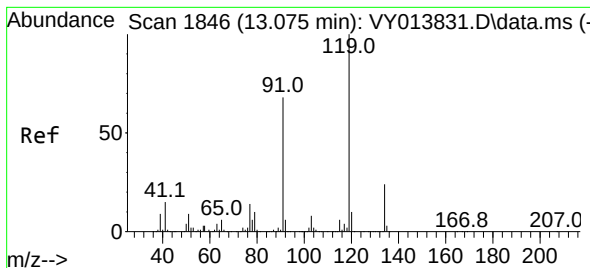
Tgt Ion: 75 Resp: 3860
Ion Ratio Lower Upper
75 100
53 99.6 79.7 119.5
89 44.9 36.4 54.6



#82
4-Chlorotoluene
Concen: 4.953 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

Tgt Ion: 91 Resp: 43463
Ion Ratio Lower Upper
91 100
126 32.2 17.9 53.7





#83

tert-Butylbenzene

Concen: 4.706 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY013835.D

Acq: 23 May 2023 16:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

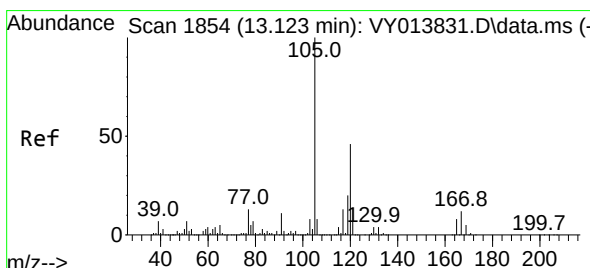
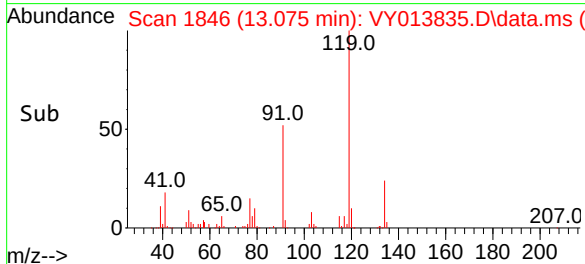
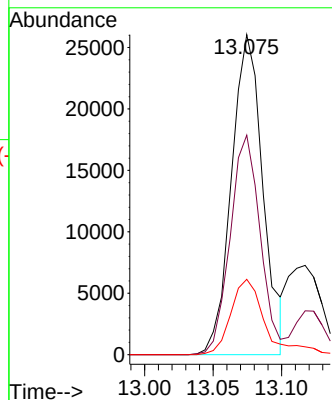
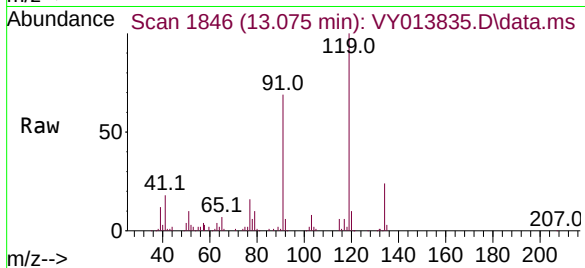
Tgt Ion:119 Resp: 41623

Ion Ratio Lower Upper

119 100

91 65.5 33.7 101.0

134 25.7 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 4.507 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY013835.D

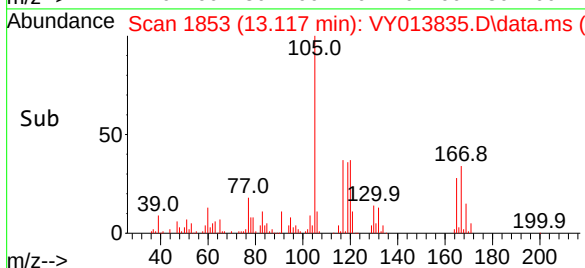
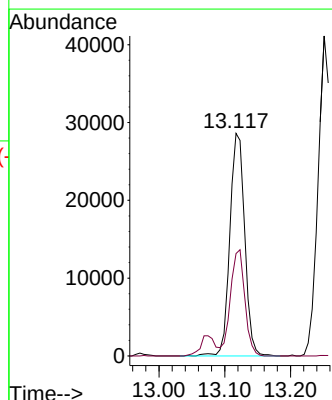
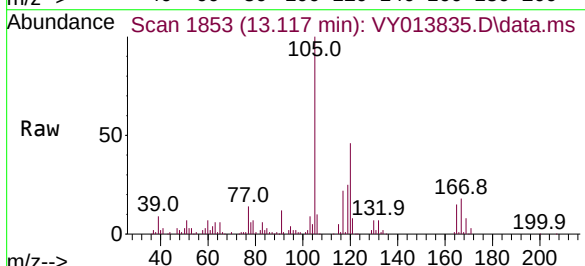
Acq: 23 May 2023 16:21

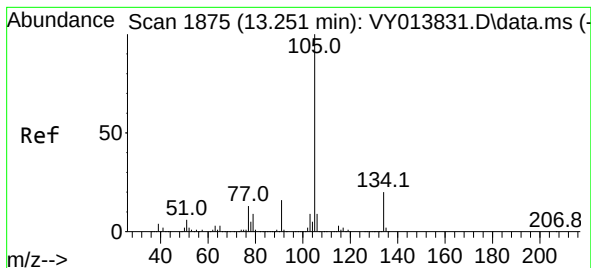
Tgt Ion:105 Resp: 44928

Ion Ratio Lower Upper

105 100

120 46.1 22.4 67.3





#85

sec-Butylbenzene

Concen: 4.611 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY013835.D

Acq: 23 May 2023 16:21

Instrument :

MSVOA_Y

ClientSampleId :

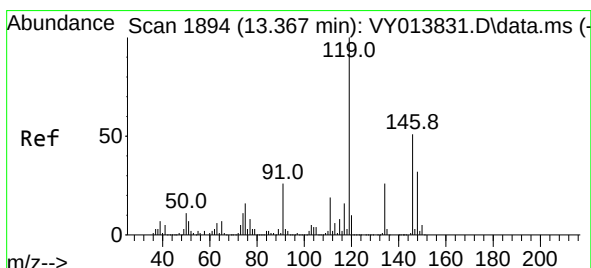
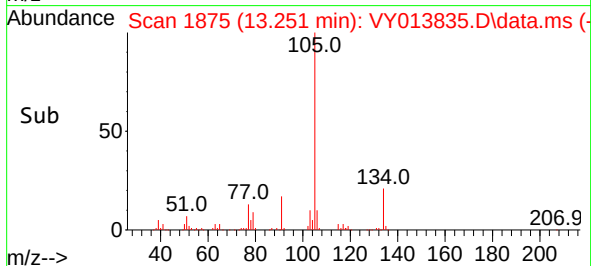
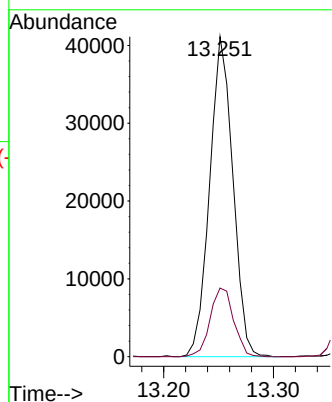
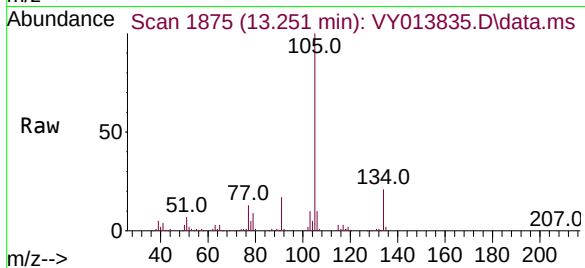
VSTDIC005

Tgt Ion:105 Resp: 60583

Ion Ratio Lower Upper

105 100

134 21.7 10.3 30.8



#86

p-Isopropyltoluene

Concen: 4.653 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013835.D

Acq: 23 May 2023 16:21

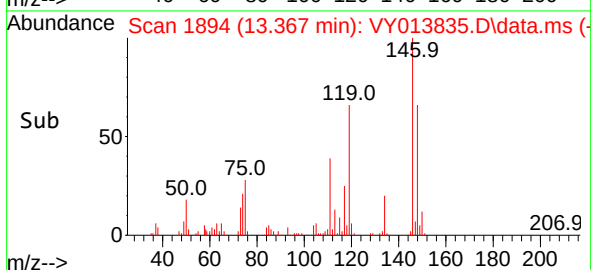
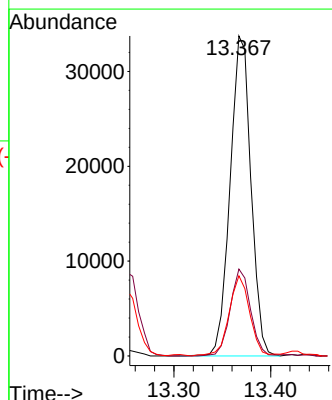
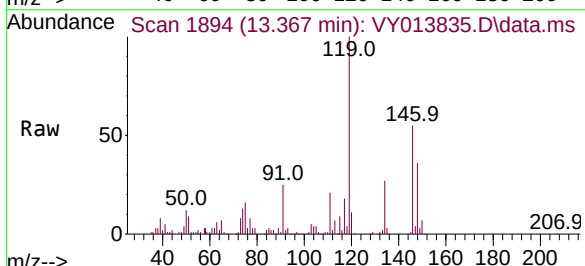
Tgt Ion:119 Resp: 50530

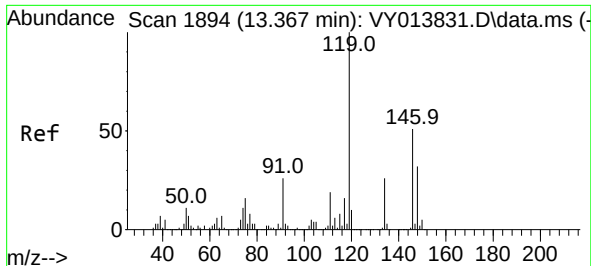
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

91 25.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 4.939 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013835.D

Acq: 23 May 2023 16:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

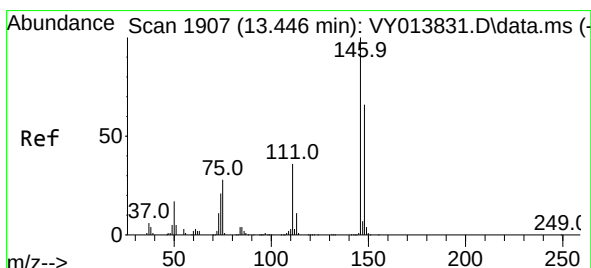
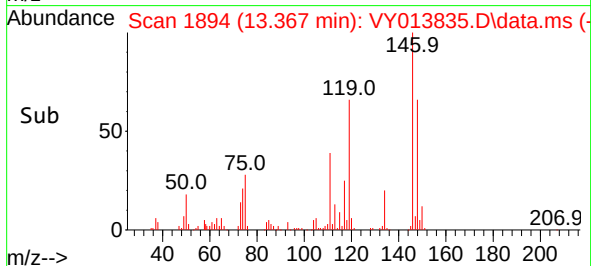
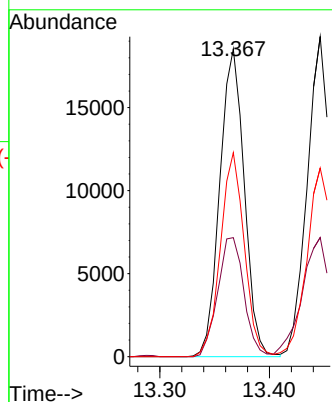
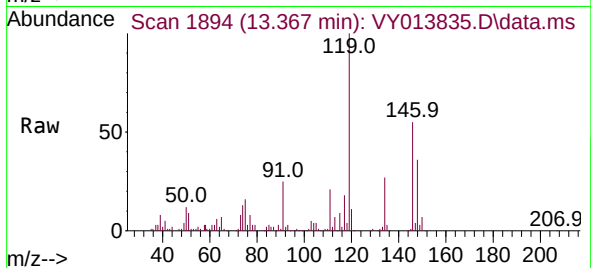
Tgt Ion:146 Resp: 28794

Ion Ratio Lower Upper

146 100

111 41.6 19.1 57.5

148 64.6 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 5.030 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY013835.D

Acq: 23 May 2023 16:21

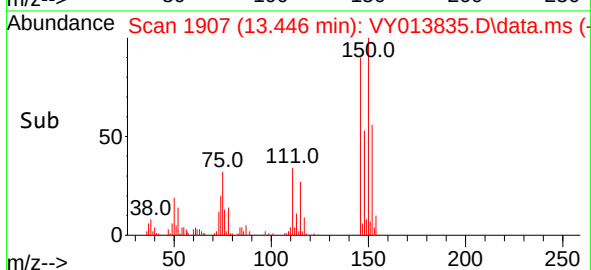
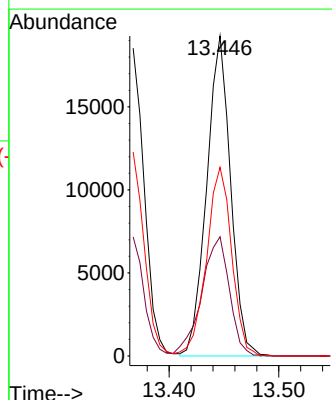
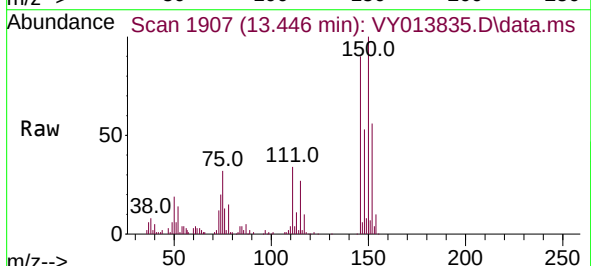
Tgt Ion:146 Resp: 29195

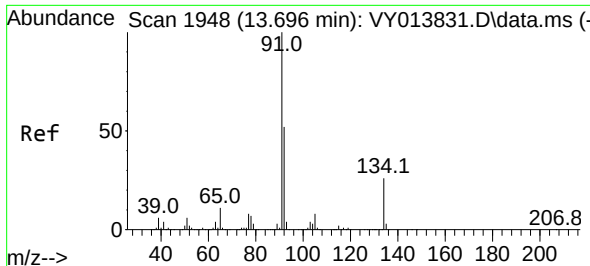
Ion Ratio Lower Upper

146 100

111 43.3 18.6 55.8

148 62.3 32.4 97.2

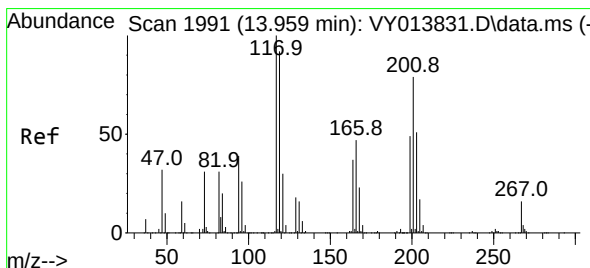
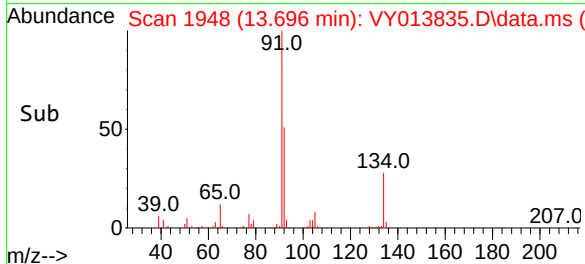
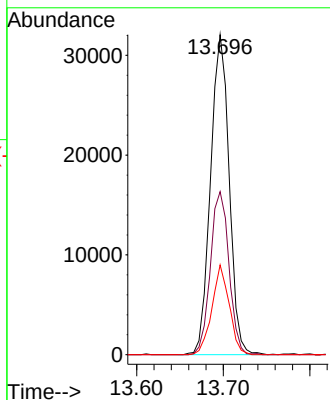
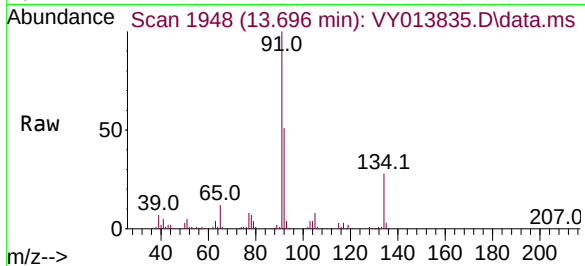




#89
n-Butylbenzene
Concen: 4.602 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

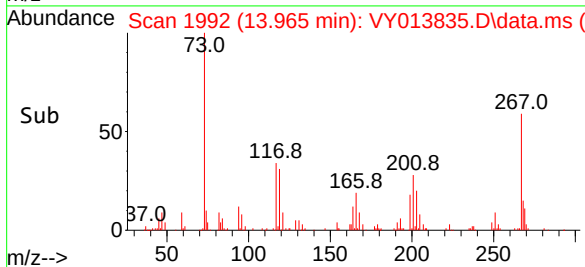
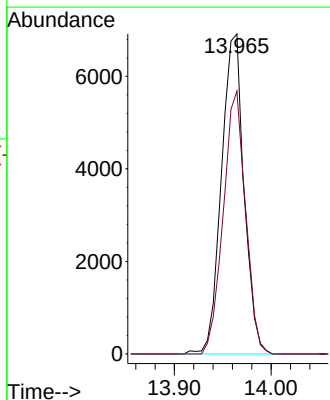
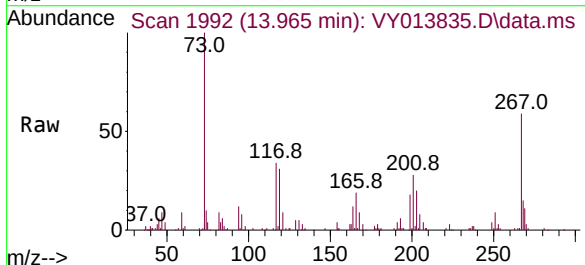
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

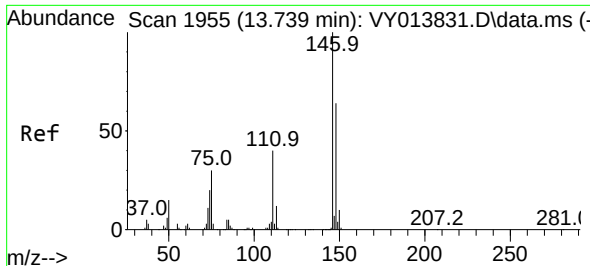
Tgt Ion: 91	Resp: 47917
Ion Ratio	Lower Upper
91 100	
92 50.8	25.6 76.6
134 26.1	13.0 38.9



#90
Hexachloroethane
Concen: 5.022 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

Tgt Ion:117	Resp:	11196	
Ion	Ratio	Lower	Upper
117	100		
201	81.2	42.3	126.8

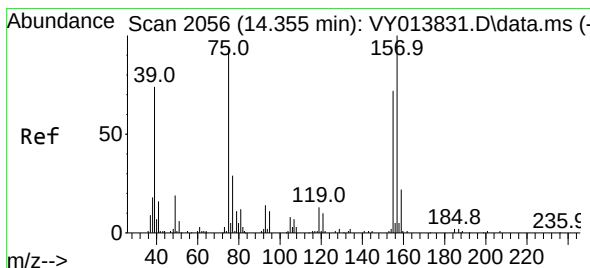
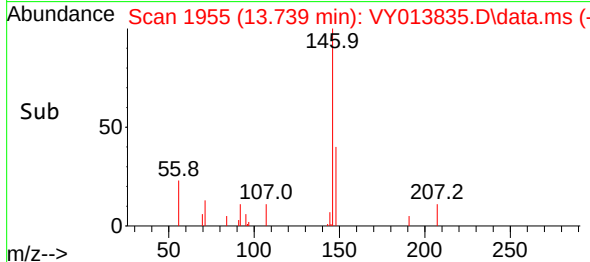
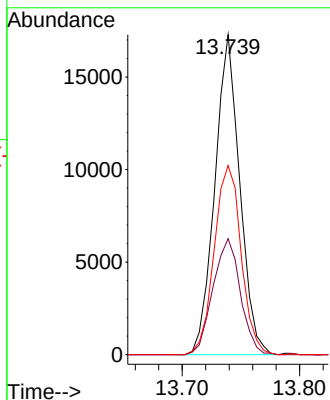
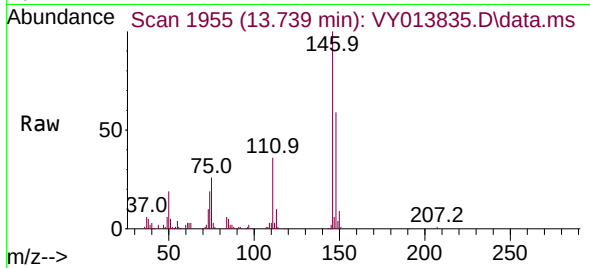




#91
1,2-Dichlorobenzene
Concen: 4.915 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

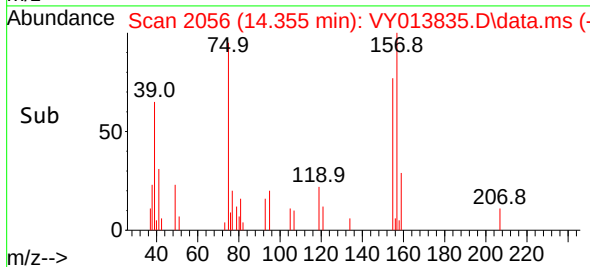
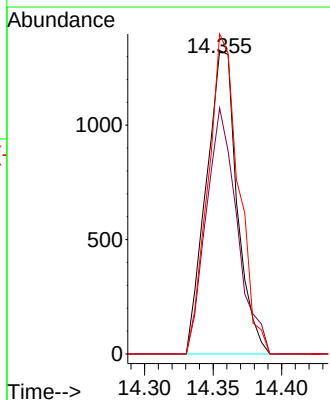
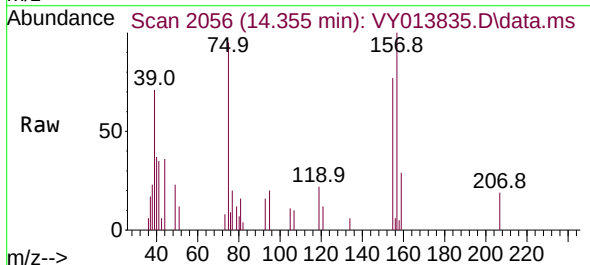
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

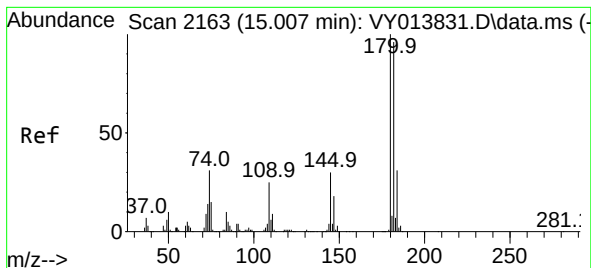
Tgt Ion:146 Resp: 25466
Ion Ratio Lower Upper
146 100
111 39.9 19.6 58.8
148 63.8 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.651 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013835.D
Acq: 23 May 2023 16:21

Tgt Ion: 75 Resp: 2075
Ion Ratio Lower Upper
75 100
155 81.4 39.9 119.6
157 104.9 54.6 163.8





#93

1,2,4-Trichlorobenzene

Concen: 4.485 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013835.D

Acq: 23 May 2023 16:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

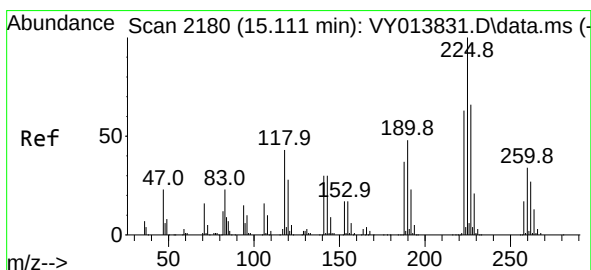
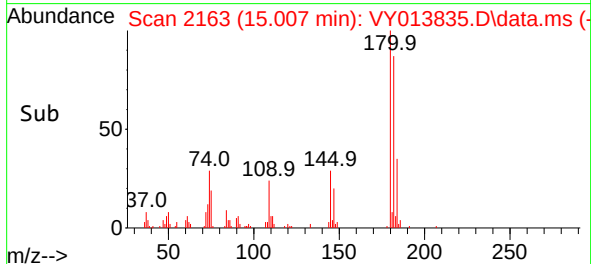
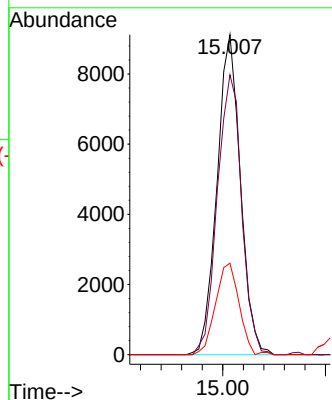
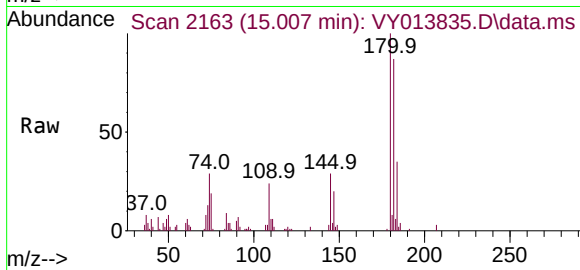
Tgt Ion:180 Resp: 14407

Ion Ratio Lower Upper

180 100

182 90.7 48.1 144.3

145 28.8 14.8 44.4



#94

Hexachlorobutadiene

Concen: 4.959 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.006 min

Lab File: VY013835.D

Acq: 23 May 2023 16:21

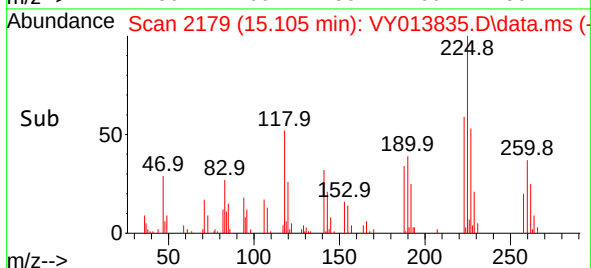
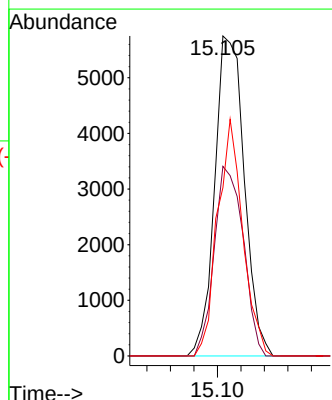
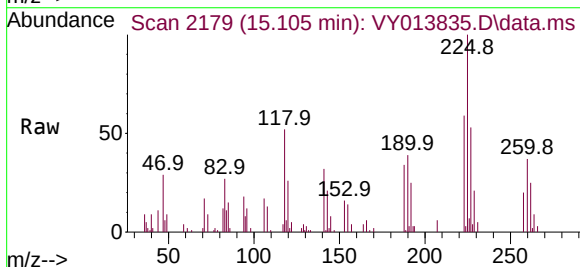
Tgt Ion:225 Resp: 10043

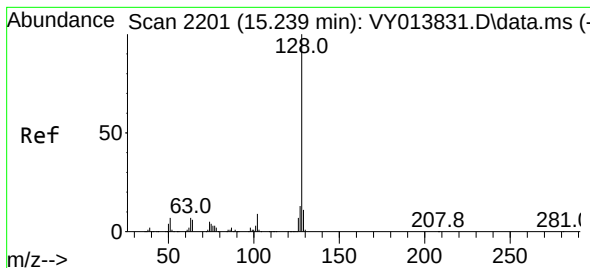
Ion Ratio Lower Upper

225 100

223 58.2 31.3 93.9

227 63.2 32.9 98.6





#95

Naphthalene

Concen: 7.541 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY013835.D

Acq: 23 May 2023 16:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

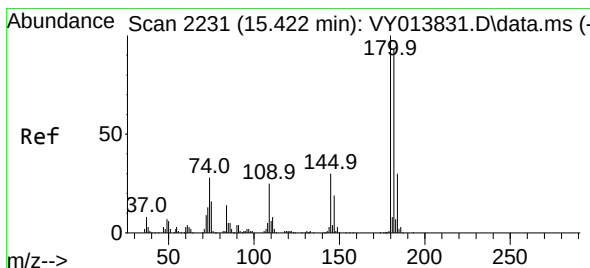
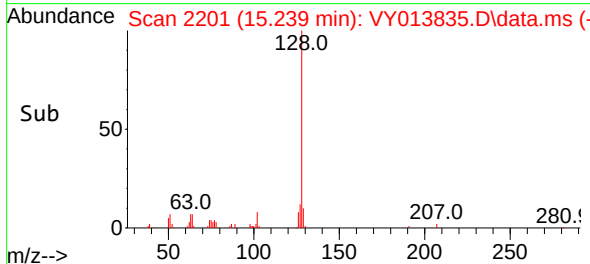
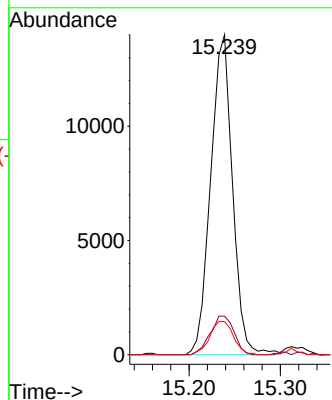
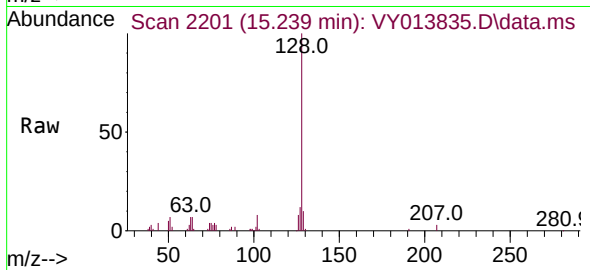
Tgt Ion:128 Resp: 23221

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 11.3 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 4.562 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013835.D

Acq: 23 May 2023 16:21

Tgt Ion:180 Resp: 13032

Ion Ratio Lower Upper

180 100

182 90.1 47.4 142.2

145 29.6 15.5 46.5

