

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022123\
 Data File : VY012676.D
 Acq On : 21 Feb 2023 16:01
 Operator : KP/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Feb 22 01:06:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:01:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	122146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	190671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	165165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80465	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	28613	19.834	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	39.660%#
35) Dibromofluoromethane	7.715	113	25790	20.026	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	40.060%#
50) Toluene-d8	10.178	98	96146	19.927	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	39.860%#
62) 4-Bromofluorobenzene	12.483	95	30095	19.492	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	38.980%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	25154	20.031	ug/l	97
3) Chloromethane	2.113	50	34912	21.189	ug/l	99
4) Vinyl Chloride	2.253	62	27836	20.061	ug/l	97
5) Bromomethane	2.643	94	14671	19.306	ug/l	94
6) Chloroethane	2.790	64	18458	20.897	ug/l	92
7) Trichlorofluoromethane	3.125	101	44826	20.042	ug/l	98
8) Diethyl Ether	3.527	74	16043	20.035	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	27428	20.520	ug/l	97
10) Methyl Iodide	4.088	142	34836	19.905	ug/l	98
11) Tert butyl alcohol	4.948	59	16379	103.793	ug/l	98
12) 1,1-Dichloroethene	3.875	96	26602	20.616	ug/l	99
13) Acrolein	3.722	56	21577	108.220	ug/l	100
14) Allyl chloride	4.478	41	50755	20.267	ug/l	99
15) Acrylonitrile	5.161	53	43748	102.689	ug/l	99
16) Acetone	3.948	43	45927	97.566	ug/l	98
17) Carbon Disulfide	4.192	76	89518	20.615	ug/l	100
18) Methyl Acetate	4.472	43	30281	19.969	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	70523	20.318	ug/l	99
20) Methylene Chloride	4.716	84	35000	20.258	ug/l	94
21) trans-1,2-Dichloroethene	5.222	96	28645	20.408	ug/l	99
22) Diisopropyl ether	6.112	45	97827	20.934	ug/l	92
23) Vinyl Acetate	6.057	43	300419	103.797	ug/l	99
24) 1,1-Dichloroethane	6.015	63	53346	20.586	ug/l	97
25) 2-Butanone	6.984	43	63004	100.844	ug/l	97
26) 2,2-Dichloropropane	6.978	77	45136	19.968	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	31165	20.293	ug/l	99
28) Bromochloromethane	7.331	49	21651	20.866	ug/l	98
29) Tetrahydrofuran	7.344	42	39691	104.058	ug/l	99
30) Chloroform	7.502	83	50992	20.309	ug/l	89
31) Cyclohexane	7.783	56	50525	20.159	ug/l	96
32) 1,1,1-Trichloroethane	7.703	97	45180	19.877	ug/l	98
36) 1,1-Dichloropropene	7.917	75	41276	20.220	ug/l	99
37) Ethyl Acetate	7.075	43	27883	20.243	ug/l	99
38) Carbon Tetrachloride	7.898	117	42052	19.923	ug/l	98
39) Methylcyclohexane	9.185	83	46714	19.838	ug/l	98
40) Benzene	8.161	78	115651	20.296	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	37024	55.176	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	35237	19.942	ug/l	99
43) Isopropyl Acetate	8.270	43	48852	20.524	ug/l	99
44) Trichloroethene	8.941	130	30601	20.771	ug/l	96
45) 1,2-Dichloropropane	9.215	63	30342	20.701	ug/l	99
46) Dibromomethane	9.307	93	16627	20.550	ug/l	98
47) Bromodichloromethane	9.496	83	38995	20.020	ug/l	98
48) Methyl methacrylate	9.294	41	22612	20.358	ug/l	96
49) 1,4-Dioxane	9.294	88	3345	310.715	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	131543	102.449	ug/l	99
52) Toluene	10.246	92	67789	20.078	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	40703	19.997	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	45910	19.933	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	22162	20.166	ug/l	95
56) Ethyl methacrylate	10.508	69	30218	20.134	ug/l	99
57) 1,3-Dichloropropane	10.788	76	39270	20.331	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	80140	98.038	ug/l	99
59) 2-Hexanone	10.831	43	92727	101.871	ug/l	100
60) Dibromochloromethane	10.983	129	26281	19.739	ug/l	99
61) 1,2-Dibromoethane	11.087	107	21668	20.580	ug/l	99
64) Tetrachloroethene	10.721	164	24222	20.164	ug/l	97
65) Chlorobenzene	11.514	112	70854	20.005	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	26497	20.187	ug/l	98
67) Ethyl Benzene	11.593	91	126689	20.011	ug/l	98
68) m/p-Xylenes	11.703	106	98048	40.598	ug/l	100
69) o-Xylene	12.032	106	45368	20.282	ug/l	100
70) Styrene	12.044	104	76615	20.435	ug/l	99
71) Bromoform	12.209	173	16662	19.893	ug/l #	99
73) Isopropylbenzene	12.331	105	118950	20.004	ug/l	99
74) N-amyl acetate	12.142	43	39070	19.988	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.580	83	27193	20.339	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	34571	35.646	ug/l #	100
77) Bromobenzene	12.605	156	28826	20.232	ug/l	97
78) n-propylbenzene	12.672	91	150260	20.202	ug/l	100
79) 2-Chlorotoluene	12.757	91	82360	19.932	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	99310	19.994	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	9564	20.198	ug/l	96
82) 4-Chlorotoluene	12.855	91	86059	20.081	ug/l	99
83) tert-Butylbenzene	13.074	119	84575	19.940	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	98938	20.376	ug/l	100
85) sec-Butylbenzene	13.251	105	129929	20.134	ug/l	100
86) p-Isopropyltoluene	13.367	119	108700	20.453	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	55583	19.917	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	56449	19.947	ug/l	99
89) n-Butylbenzene	13.696	91	101258	19.894	ug/l	99
90) Hexachloroethane	13.964	117	21346	19.791	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	49696	19.940	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4399	20.016	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	30527	19.367	ug/l	98
94) Hexachlorobutadiene	15.111	225	18881	19.847	ug/l	97
95) Naphthalene	15.239	128	61752	19.388	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	27892	19.991	ug/l	98

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QLast Update : Wed Feb 22 01:01:34 2023
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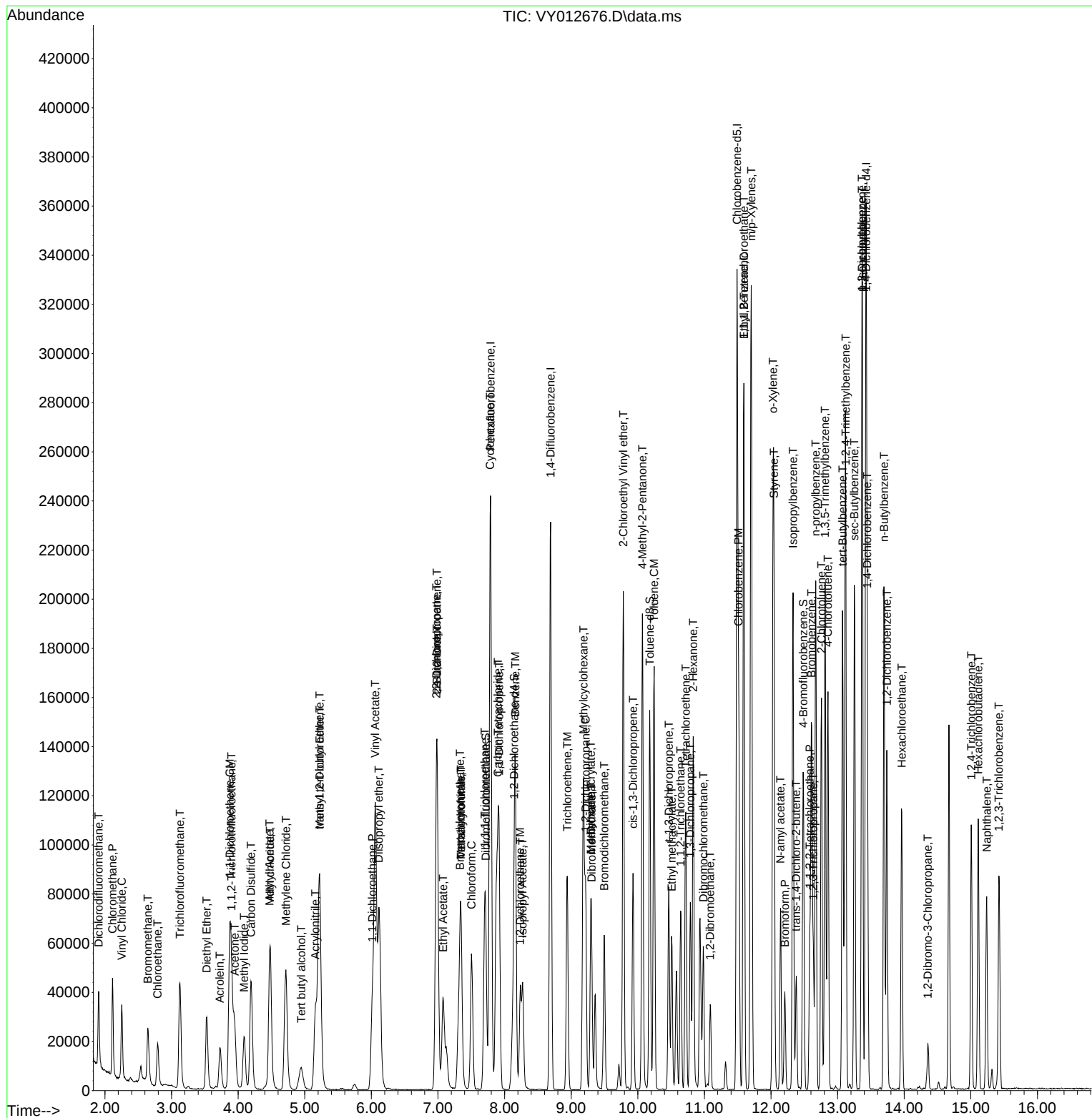
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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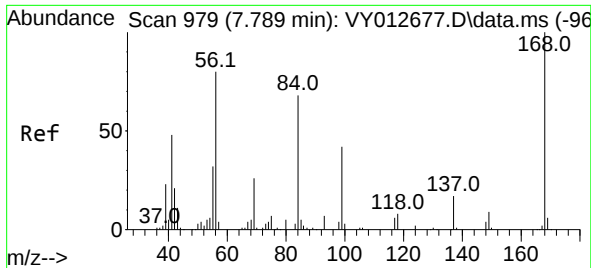
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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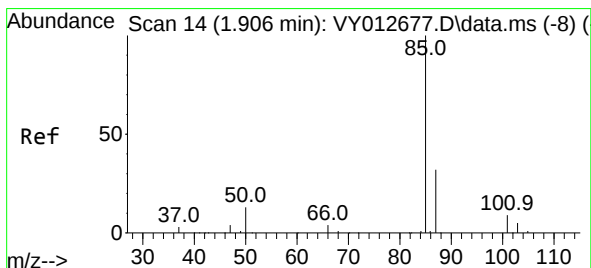
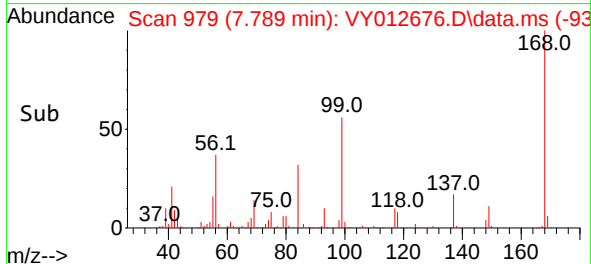
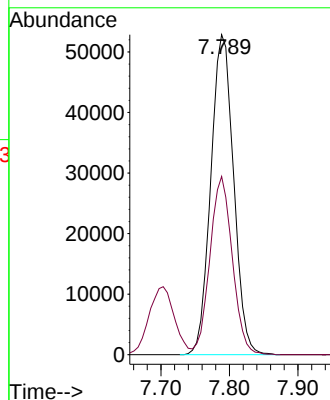
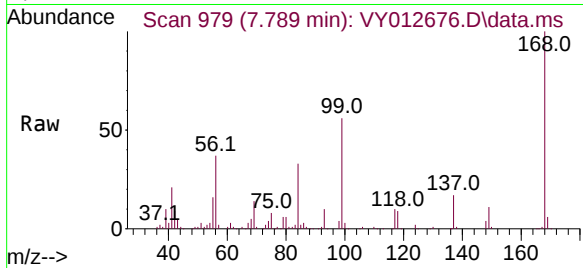




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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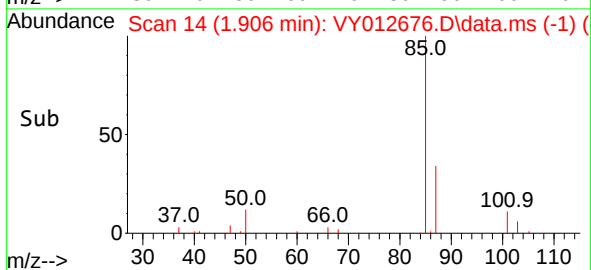
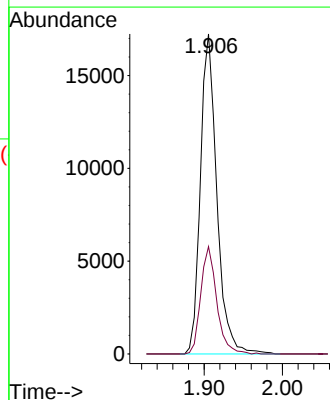
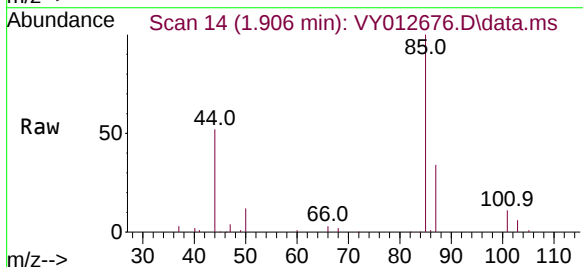
Instrument :
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VSTDICC020

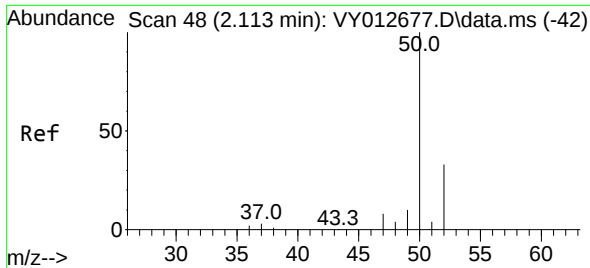
Tgt Ion:168 Resp: 122146
Ion Ratio Lower Upper
168 100
99 55.7 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 20.031 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

Tgt Ion: 85 Resp: 25154
Ion Ratio Lower Upper
85 100
87 33.5 16.1 48.2

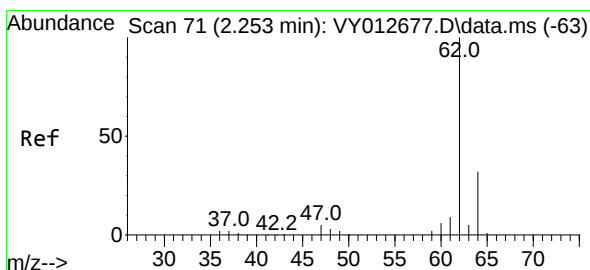
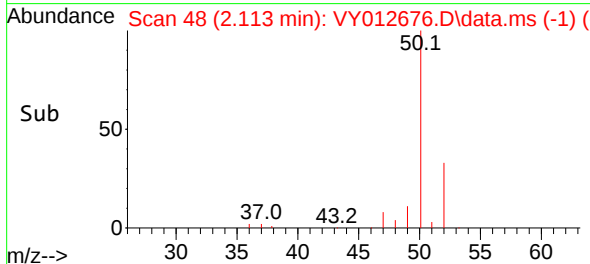
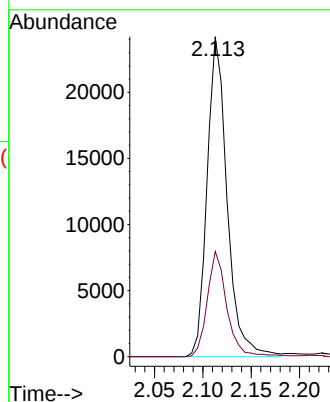
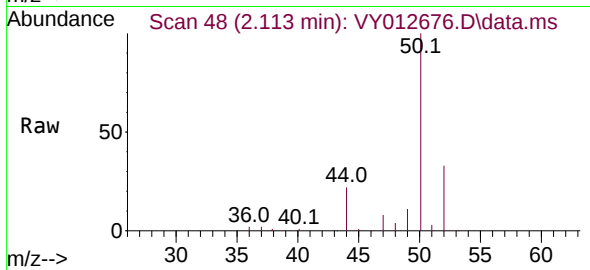




#3
Chloromethane
Concen: 21.189 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

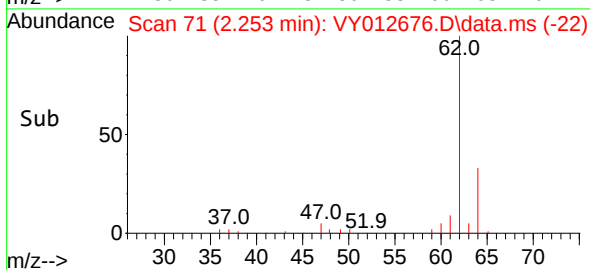
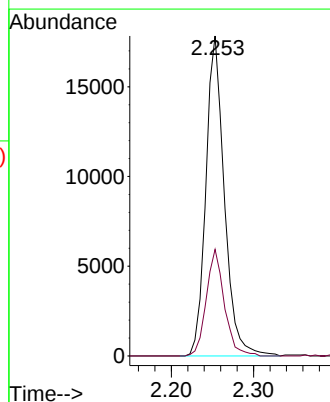
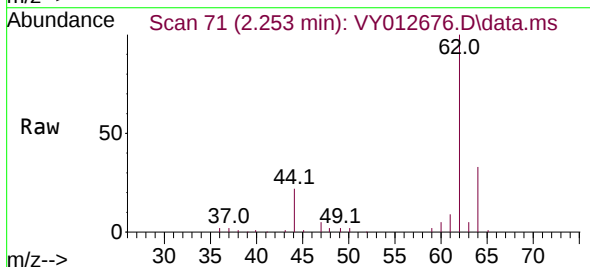
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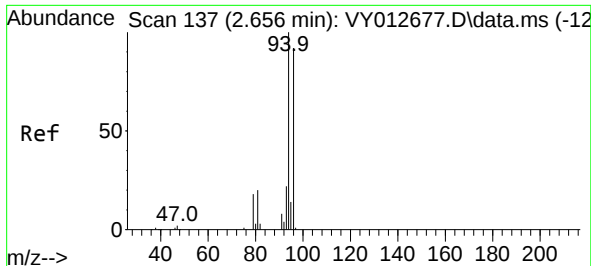
Tgt Ion: 50 Resp: 34912
Ion Ratio Lower Upper
50 100
52 32.9 26.1 39.1



#4
Vinyl Chloride
Concen: 20.061 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

Tgt Ion: 62 Resp: 27836
Ion Ratio Lower Upper
62 100
64 33.3 25.4 38.2

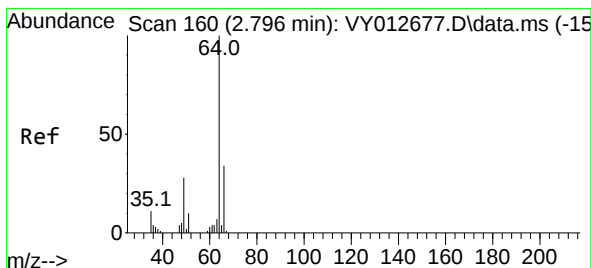
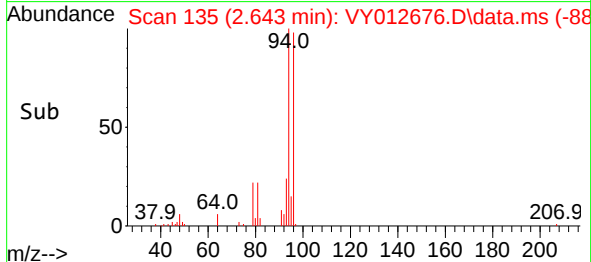
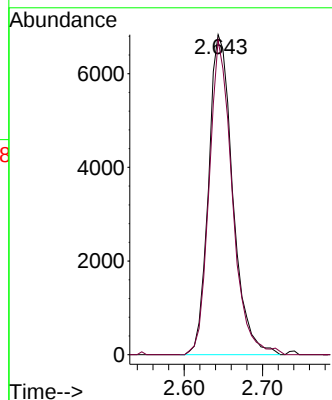
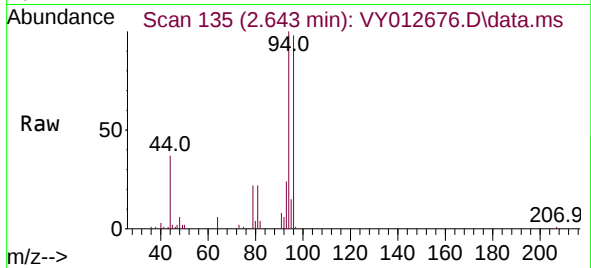




#5
Bromomethane
Concen: 19.306 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY012676.D
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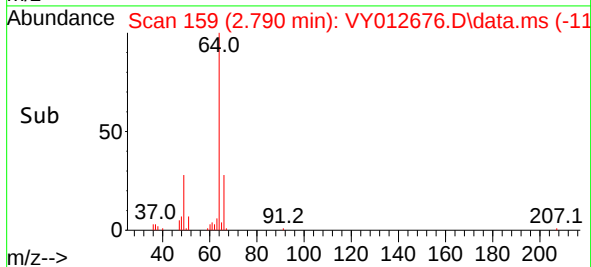
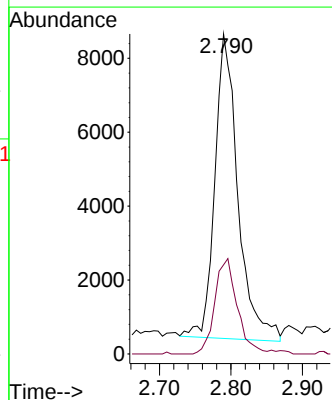
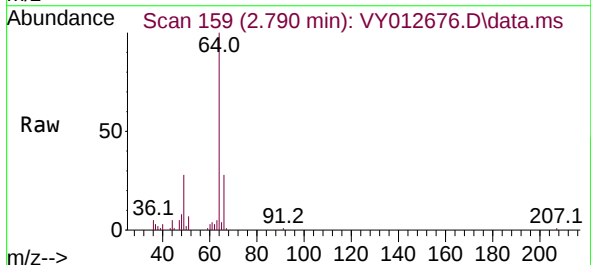
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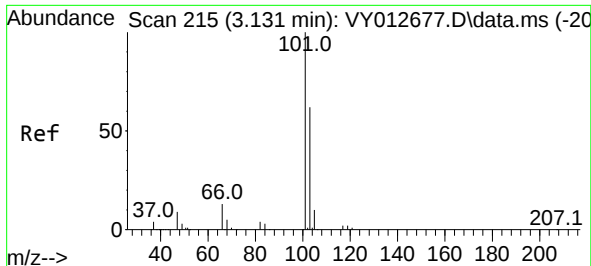
Tgt Ion: 94 Resp: 14671
Ion Ratio Lower Upper
94 100
96 98.2 73.9 110.9



#6
Chloroethane
Concen: 20.897 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012676.D
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Tgt Ion: 64 Resp: 18458
Ion Ratio Lower Upper
64 100
66 29.5 27.1 40.7

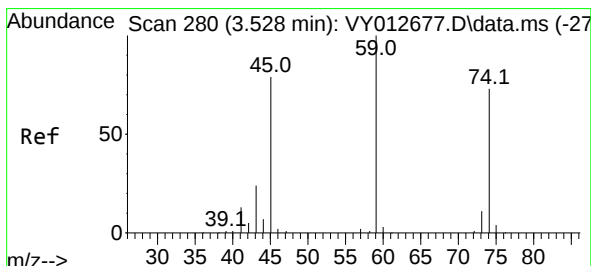
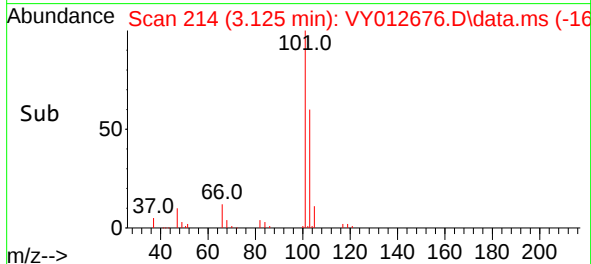
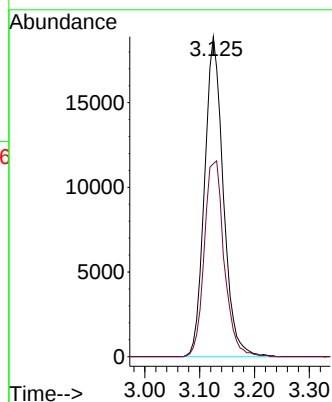
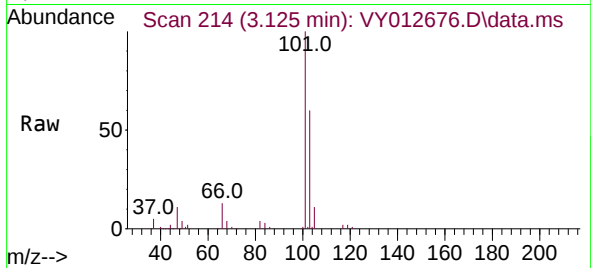




#7
 Trichlorofluoromethane
 Concen: 20.042 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY012676.D
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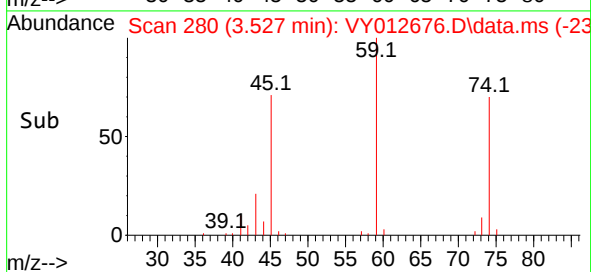
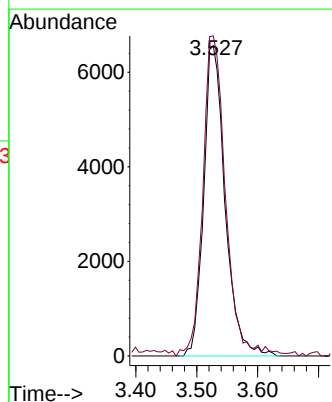
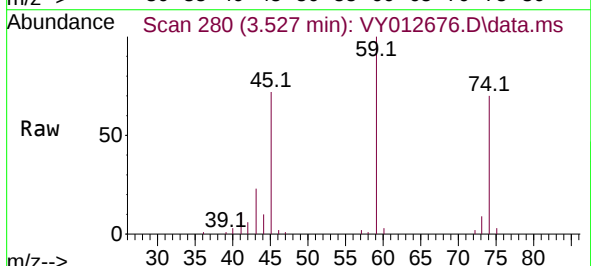
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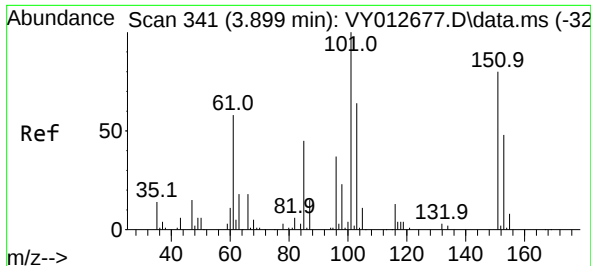
Tgt Ion:101 Resp: 44826
 Ion Ratio Lower Upper
 101 100
 103 60.3 49.8 74.6



#8
 Diethyl Ether
 Concen: 20.035 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 16043
 Ion Ratio Lower Upper
 74 100
 45 107.3 54.6 163.9

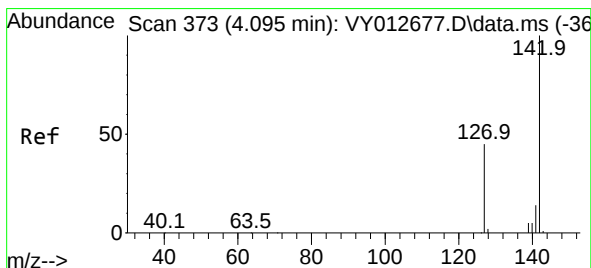
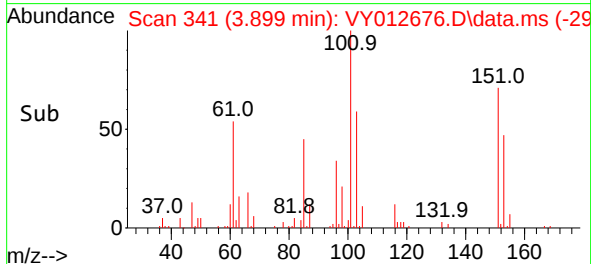
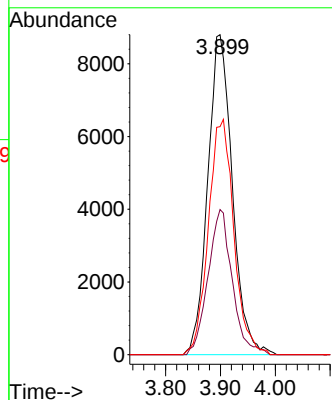
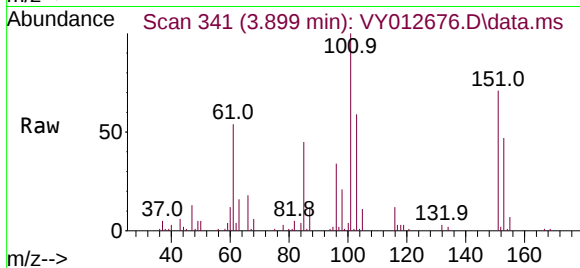




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.520 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

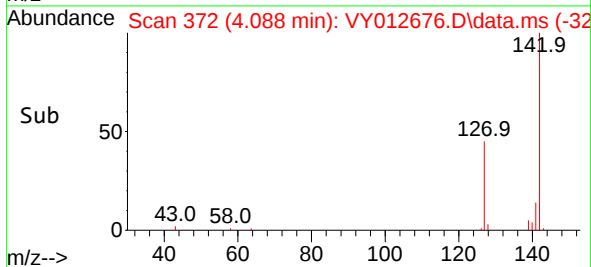
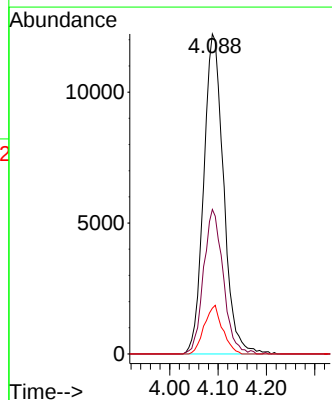
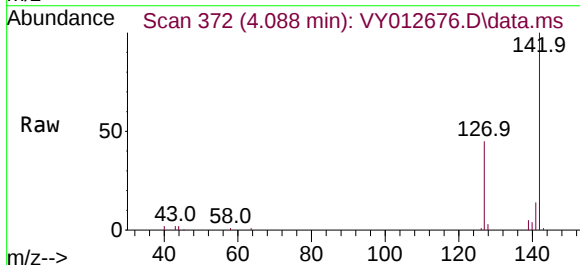
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

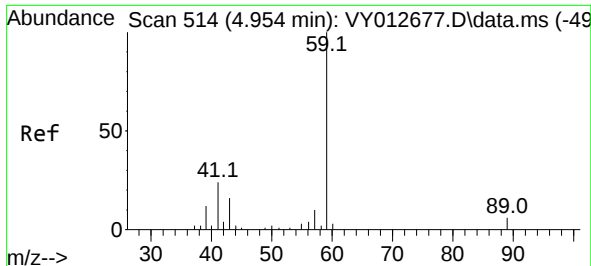
Tgt Ion:	101	Resp:	27428
Ion	Ratio	Lower	Upper
101	100		
85	44.7	36.4	54.6
151	76.0	63.1	94.7



#10
Methyl Iodide
Concen: 19.905 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

Tgt Ion:	142	Resp:	34836
Ion	Ratio	Lower	Upper
142	100		
127	44.8	37.3	55.9
141	14.0	11.6	17.4

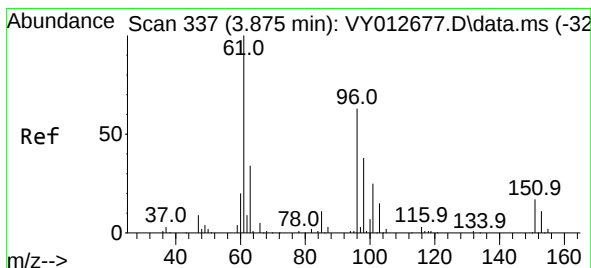
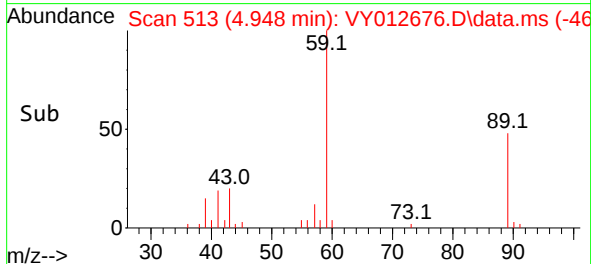
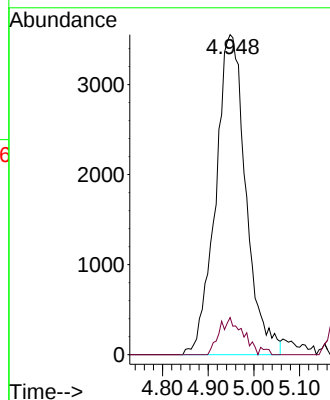
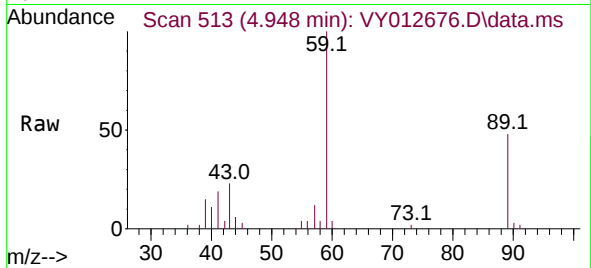




#11
Tert butyl alcohol
Concen: 103.793 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

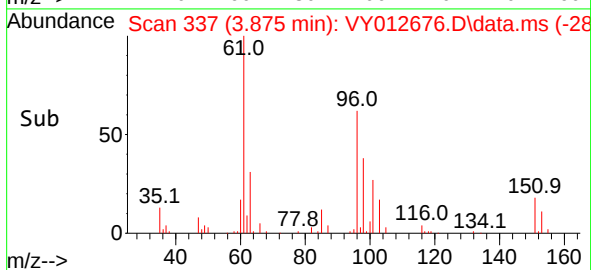
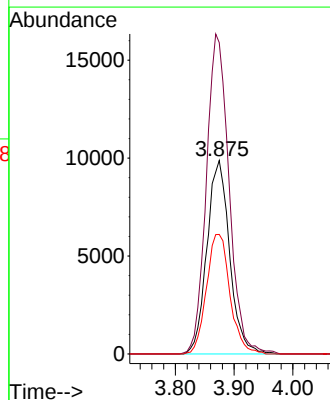
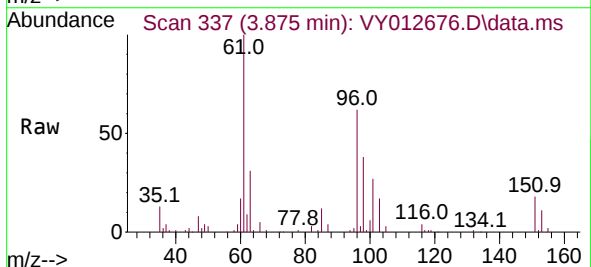
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

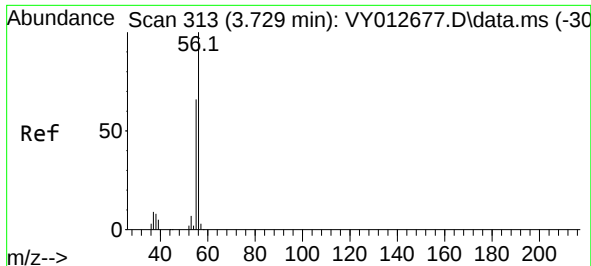
Tgt Ion: 59 Resp: 16379
Ion Ratio Lower Upper
59 100
57 8.8 7.7 11.5



#12
1,1-Dichloroethene
Concen: 20.616 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

Tgt Ion: 96 Resp: 26602
Ion Ratio Lower Upper
96 100
61 160.9 127.3 190.9
98 61.8 49.0 73.4





#13

Acrolein

Concen: 108.220 ug/l

RT: 3.722 min Scan# 313

Delta R.T. -0.006 min

Lab File: VY012676.D

Acq: 21 Feb 2023 16:01

Instrument :

MSVOA_Y

ClientSampleId :

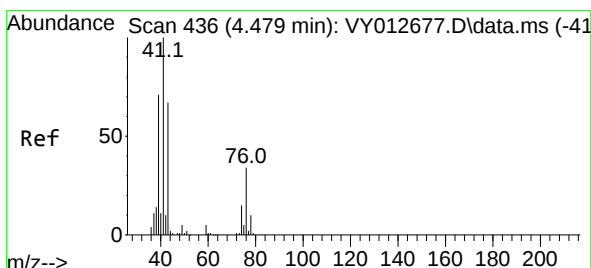
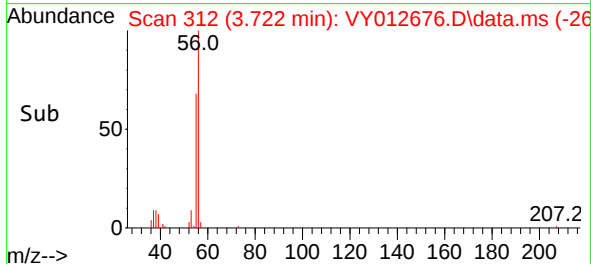
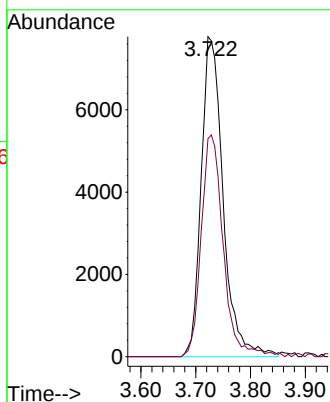
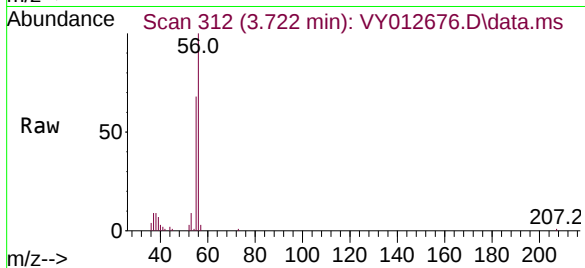
VSTDICC020

Tgt Ion: 56 Resp: 21577

Ion Ratio Lower Upper

56 100

55 69.6 55.7 83.5



#14

Allyl chloride

Concen: 20.267 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012676.D

Acq: 21 Feb 2023 16:01

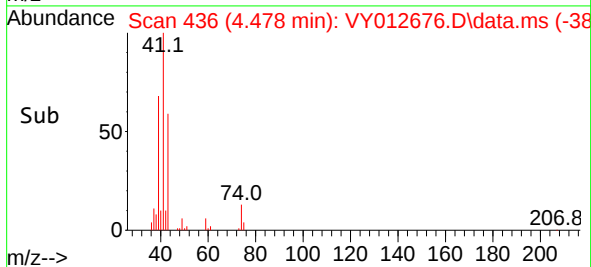
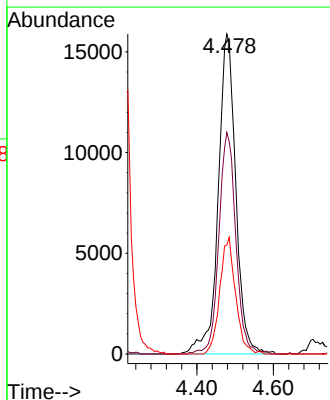
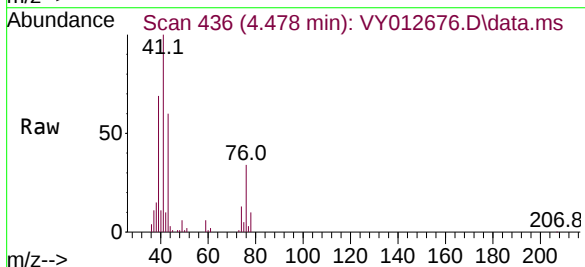
Tgt Ion: 41 Resp: 50755

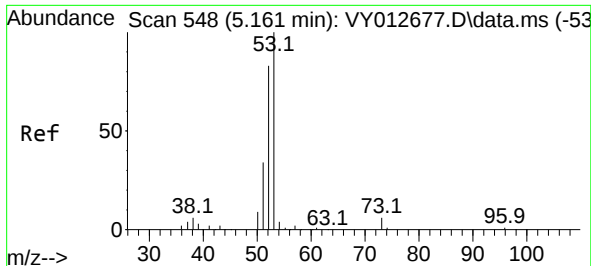
Ion Ratio Lower Upper

41 100

39 66.7 53.8 80.8

76 32.7 25.8 38.6

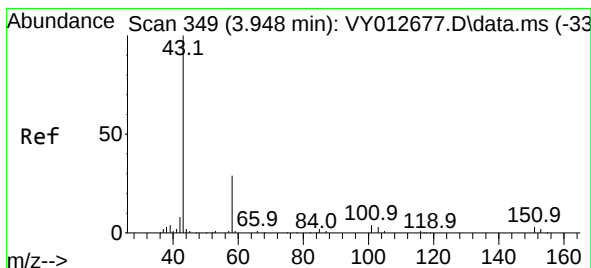
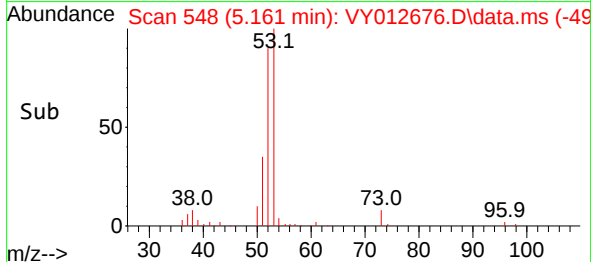
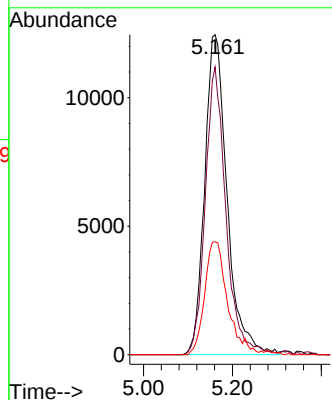
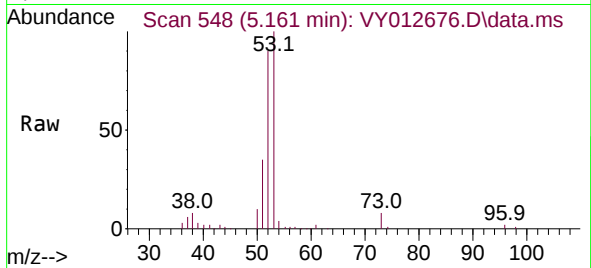




#15
Acrylonitrile
Concen: 102.689 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

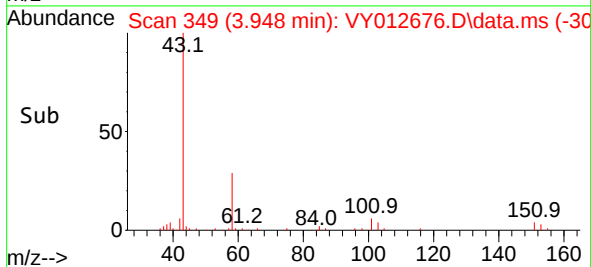
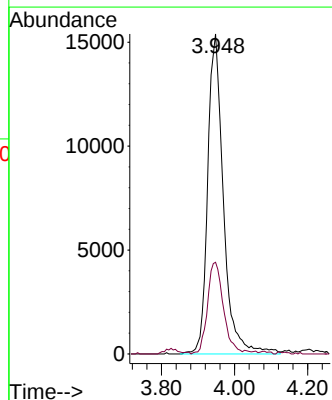
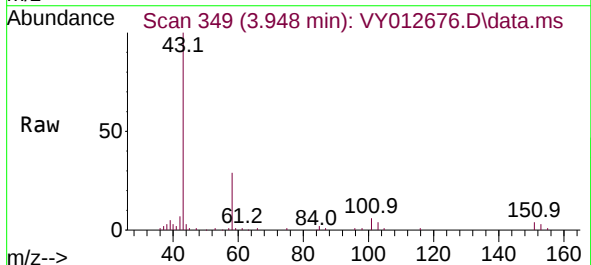
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

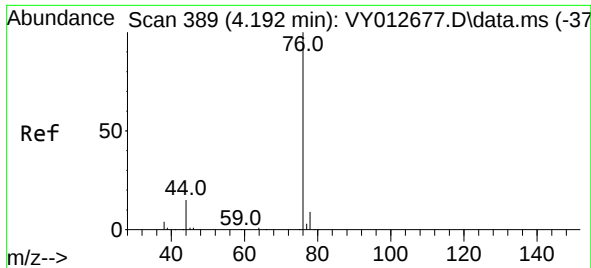
Tgt Ion:	53	Resp:	43748
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.2	97.8
51	35.9	28.6	43.0



#16
Acetone
Concen: 97.566 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

Tgt Ion:	43	Resp:	45927
Ion	Ratio	Lower	Upper
43	100		
58	28.2	23.3	34.9

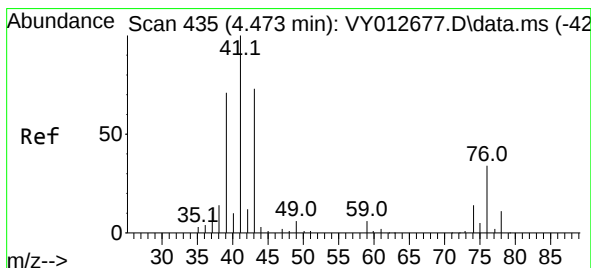
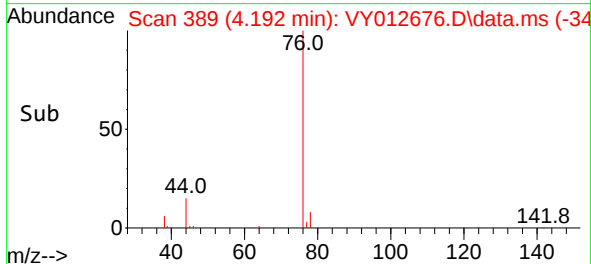
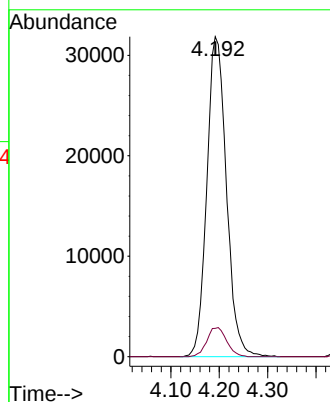
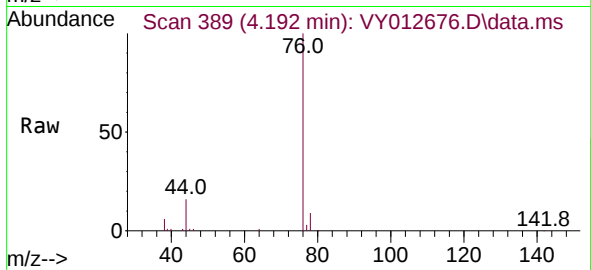




#17
Carbon Disulfide
Concen: 20.615 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

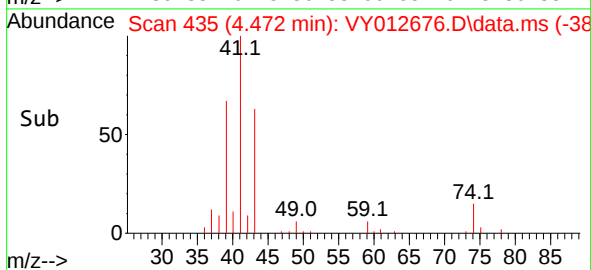
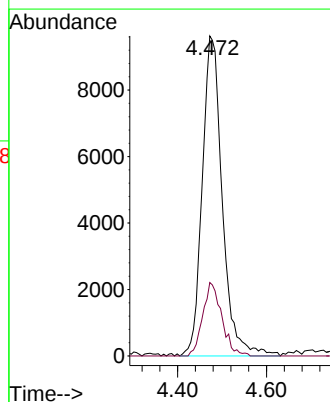
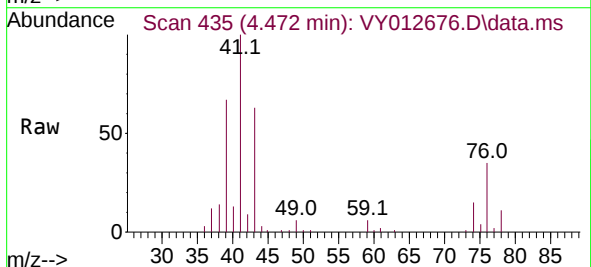
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

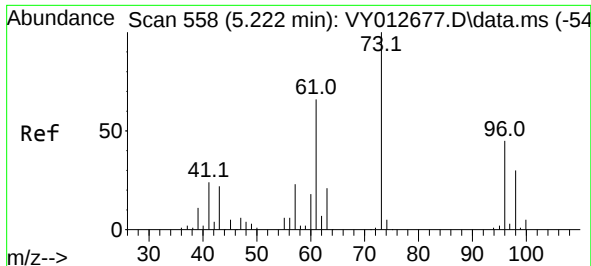
Tgt Ion: 76 Resp: 89518
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 19.969 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

Tgt Ion: 43 Resp: 30281
Ion Ratio Lower Upper
43 100
74 21.8 16.5 24.7





#19

Methyl tert-butyl Ether

Concen: 20.318 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY012676.D

Acq: 21 Feb 2023 16:01

Instrument :

MSVOA_Y

ClientSampleId :

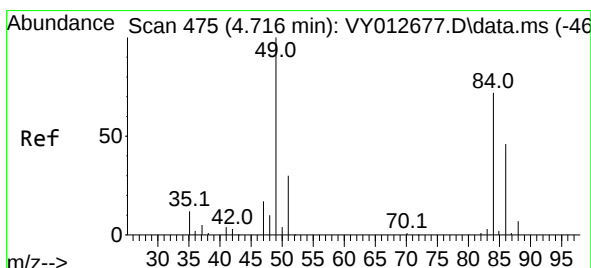
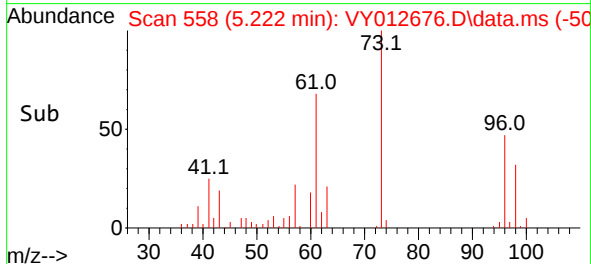
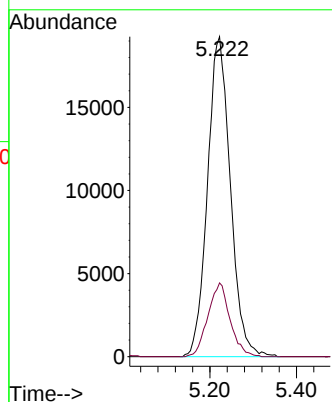
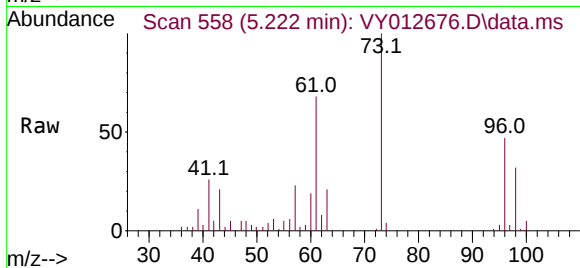
VSTDIC020

Tgt Ion: 73 Resp: 70523

Ion Ratio Lower Upper

73 100

57 23.1 18.1 27.1



#20

Methylene Chloride

Concen: 20.258 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY012676.D

Acq: 21 Feb 2023 16:01

Tgt Ion: 84 Resp: 35000

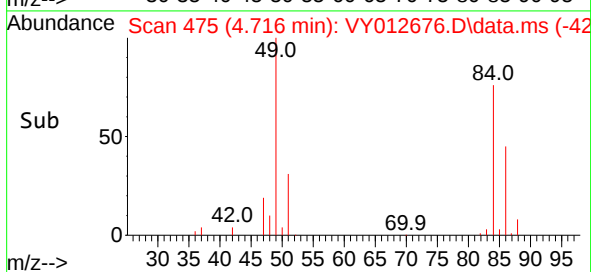
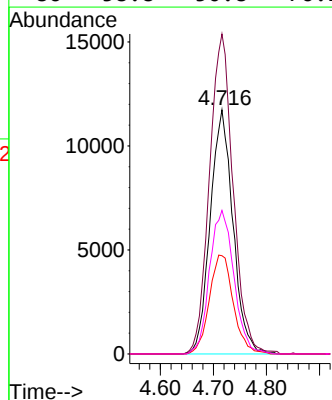
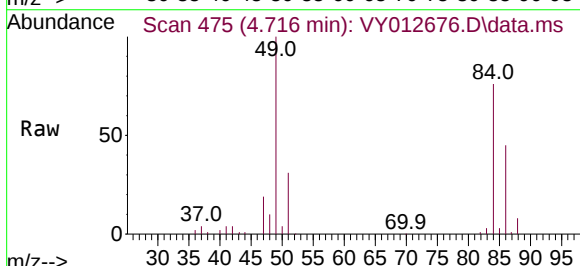
Ion Ratio Lower Upper

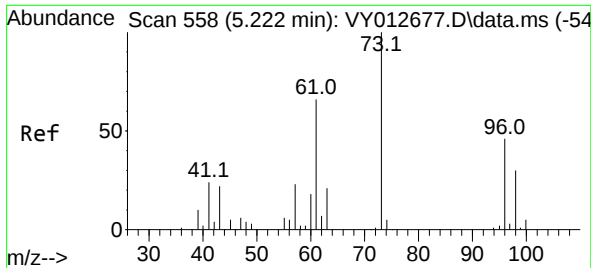
84 100

49 131.1 111.1 166.7

51 40.2 33.5 50.3

86 58.8 50.8 76.2

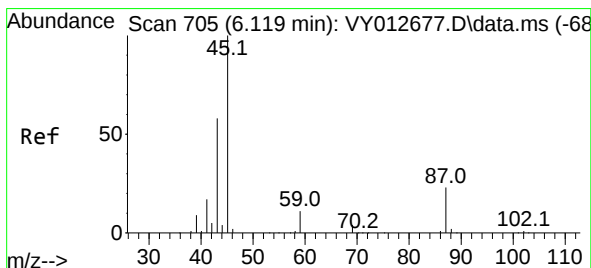
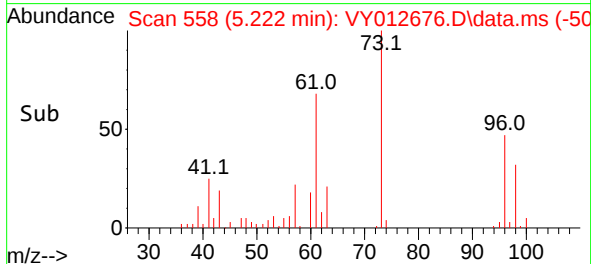
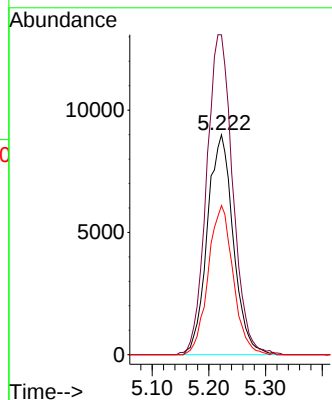
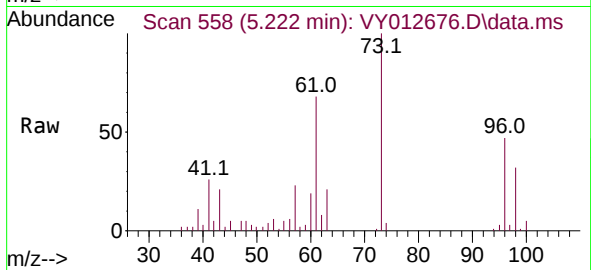




#21
trans-1,2-Dichloroethene
Concen: 20.408 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

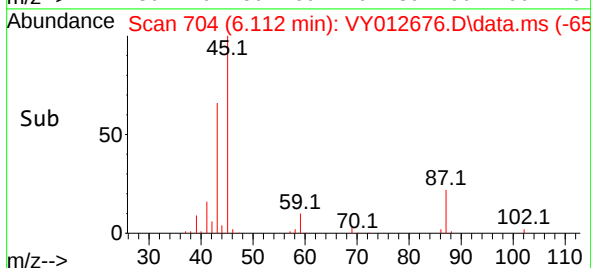
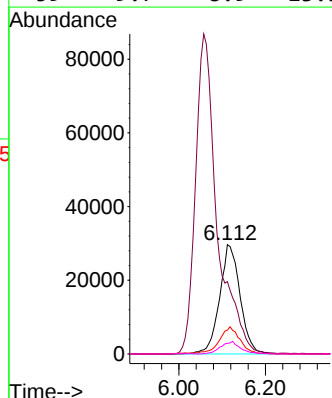
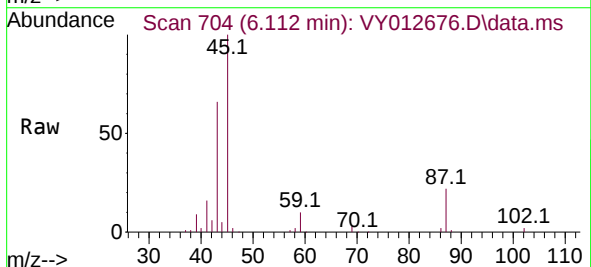
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

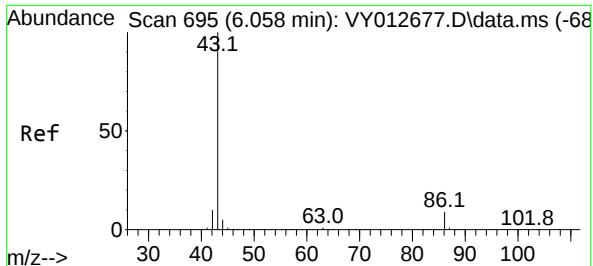
Tgt Ion: 96 Resp: 28645
Ion Ratio Lower Upper
96 100
61 144.8 116.1 174.1
98 67.8 52.3 78.5



#22
Diisopropyl ether
Concen: 20.934 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

Tgt Ion: 45 Resp: 97827
Ion Ratio Lower Upper
45 100
43 65.5 46.2 69.2
87 21.8 18.6 28.0
59 9.7 8.9 13.3

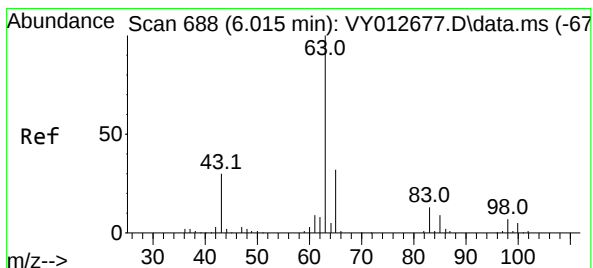
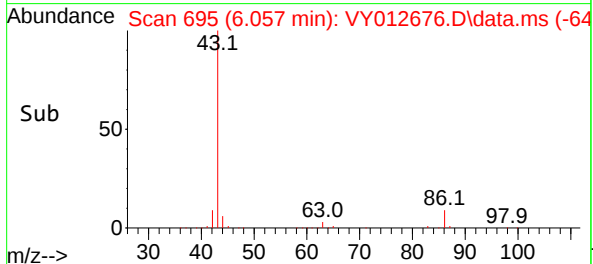
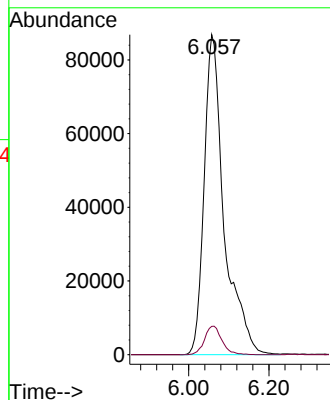
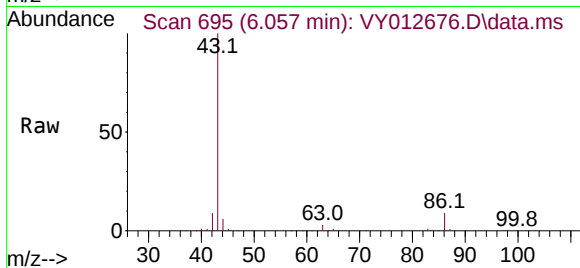




#23
 Vinyl Acetate
 Concen: 103.797 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012676.D
 Acq: 21 Feb 2023 16:01

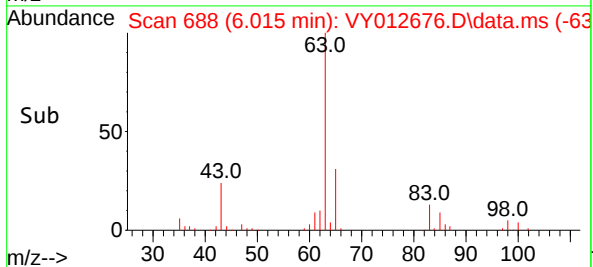
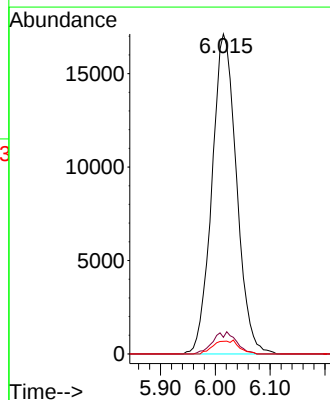
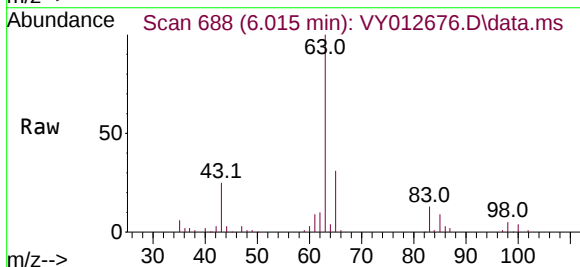
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

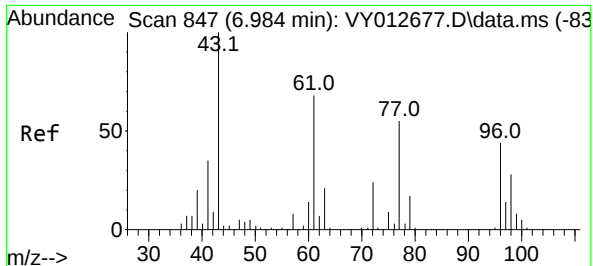
Tgt Ion: 43 Resp: 300419
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 20.586 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012676.D
 Acq: 21 Feb 2023 16:01

Tgt Ion: 63 Resp: 53346
 Ion Ratio Lower Upper
 63 100
 98 5.2 3.4 10.1
 100 3.9 2.3 6.9

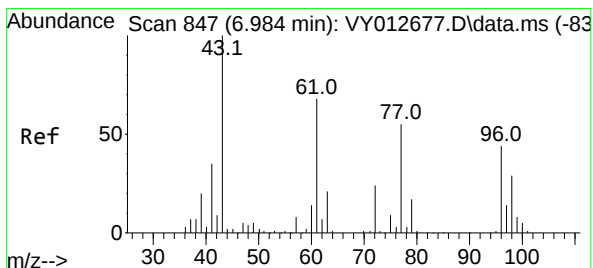
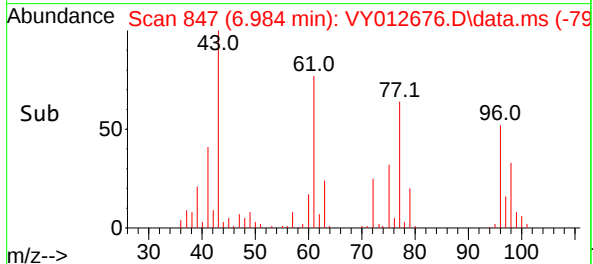
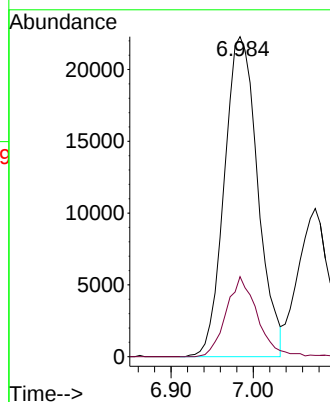
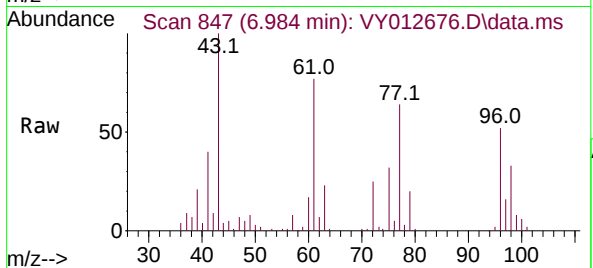




#25
2-Butanone
Concen: 100.844 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

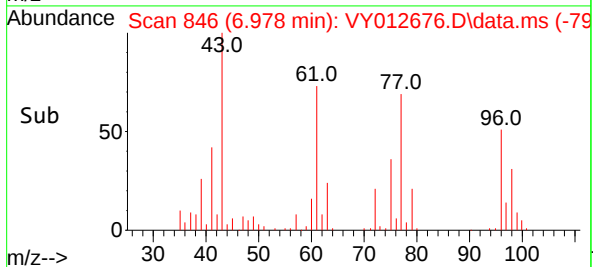
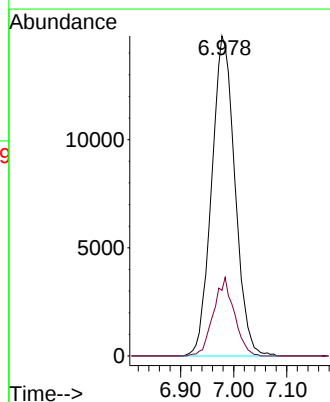
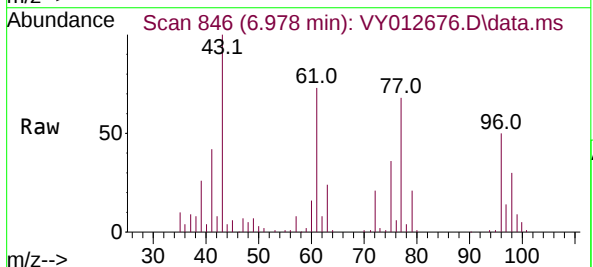
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

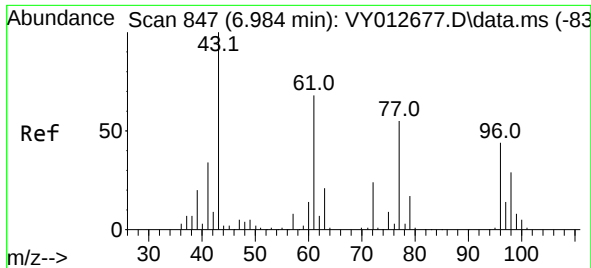
Tgt Ion: 43 Resp: 63004
Ion Ratio Lower Upper
43 100
72 25.0 18.8 28.2



#26
2,2-Dichloropropane
Concen: 19.968 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

Tgt Ion: 77 Resp: 45136
Ion Ratio Lower Upper
77 100
97 22.0 11.7 35.1



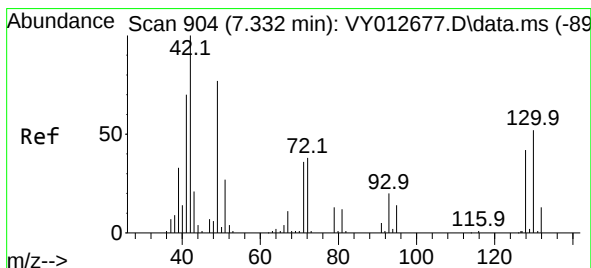
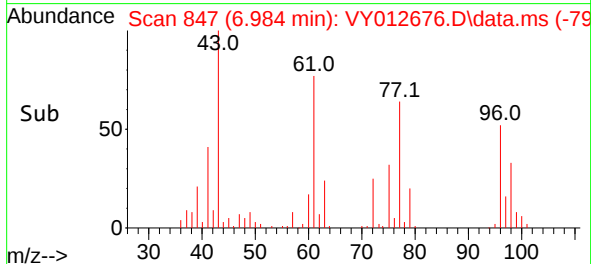
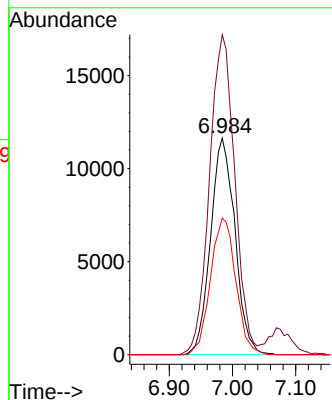
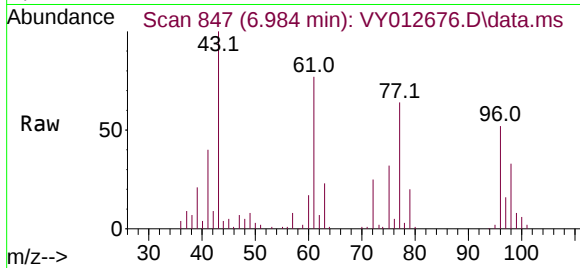


#27
 cis-1,2-Dichloroethene
 Concen: 20.293 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY012676.D
 Acq: 21 Feb 2023 16:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 31165

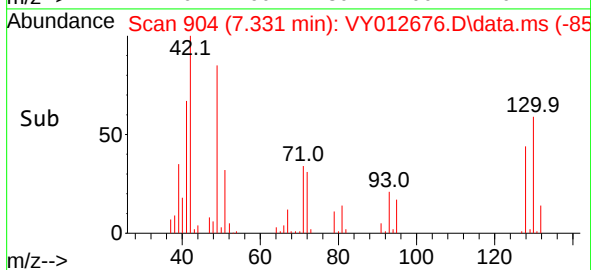
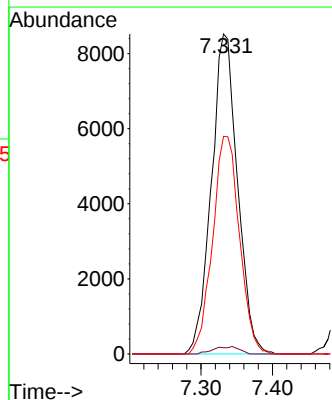
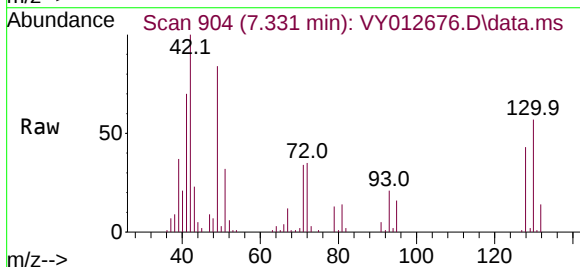
Ion	Ratio	Lower	Upper
96	100		
61	153.0	0.0	308.8
98	65.3	0.0	129.0

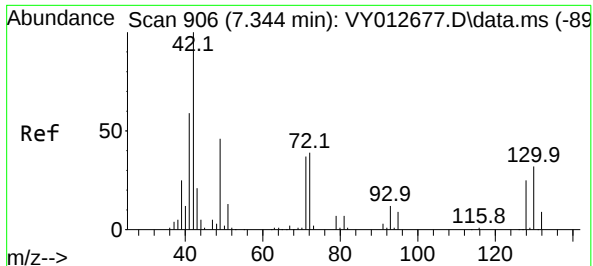


#28
 Bromochloromethane
 Concen: 20.866 ug/l
 RT: 7.331 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY012676.D
 Acq: 21 Feb 2023 16:01

Tgt Ion: 49 Resp: 21651

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.0
130	69.6	54.3	81.5





#29

Tetrahydrofuran

Concen: 104.058 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012676.D

Acq: 21 Feb 2023 16:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

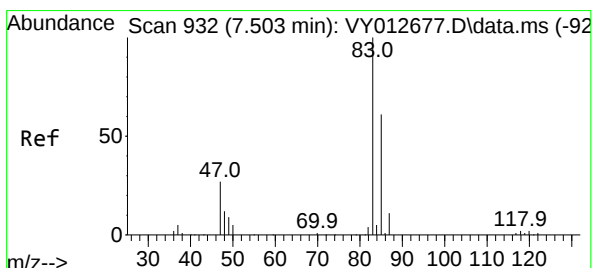
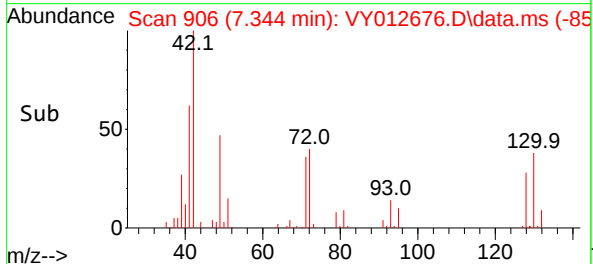
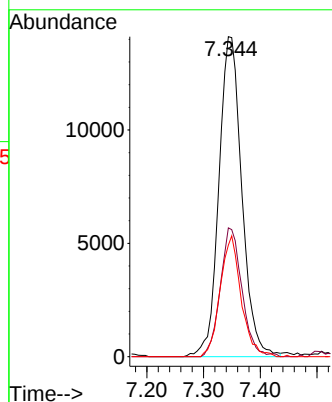
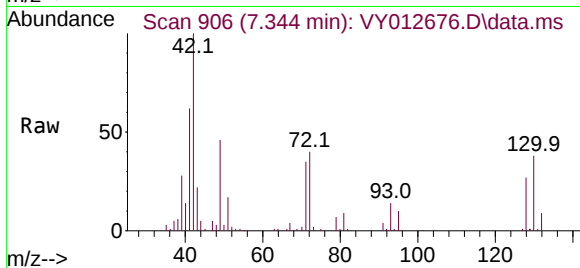
Tgt Ion: 42 Resp: 39691

Ion Ratio Lower Upper

42 100

72 38.0 30.6 45.8

71 34.5 28.6 42.8



#30

Chloroform

Concen: 20.309 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY012676.D

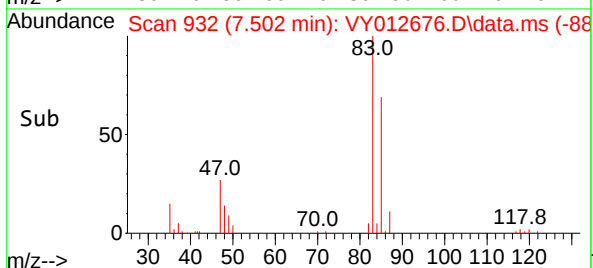
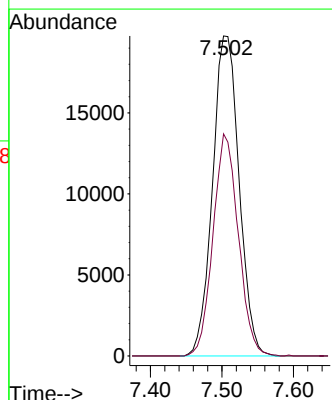
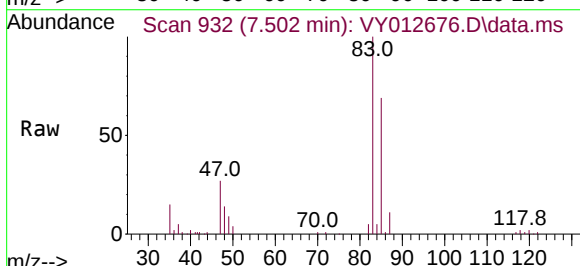
Acq: 21 Feb 2023 16:01

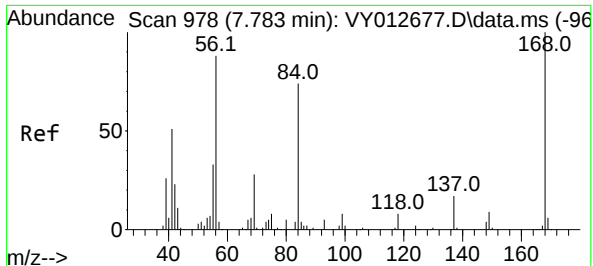
Tgt Ion: 83 Resp: 50992

Ion Ratio Lower Upper

83 100

85 69.4 48.9 73.3

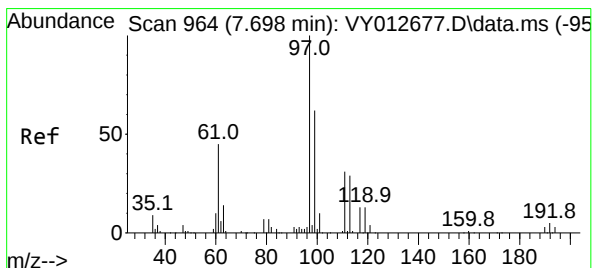
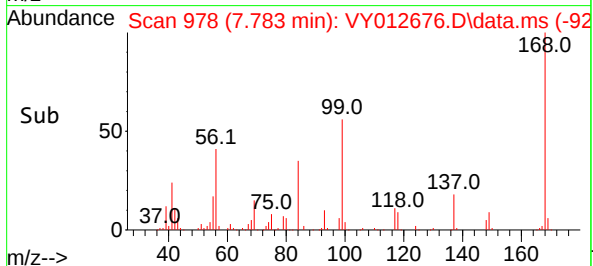
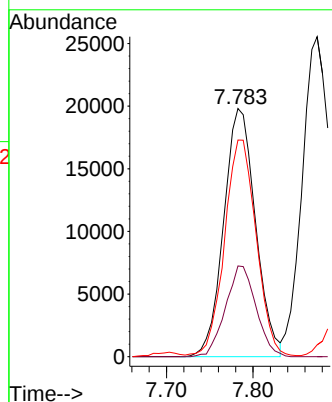
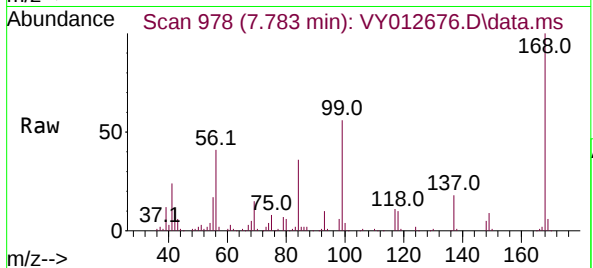




#31
Cyclohexane
Concen: 20.159 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

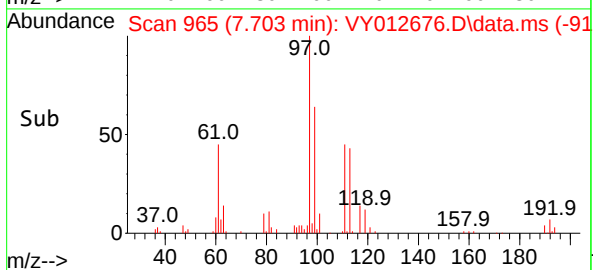
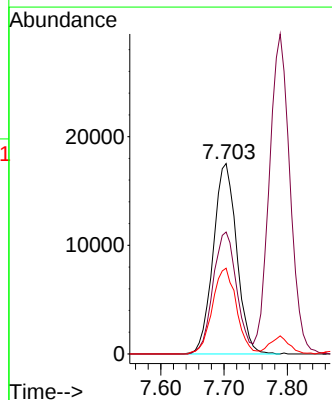
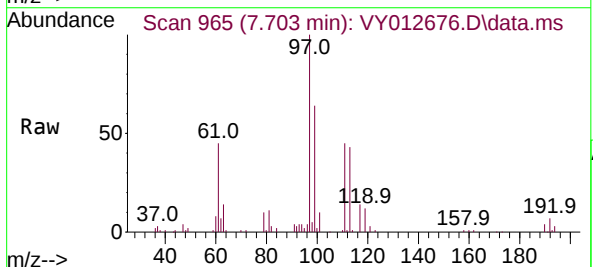
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

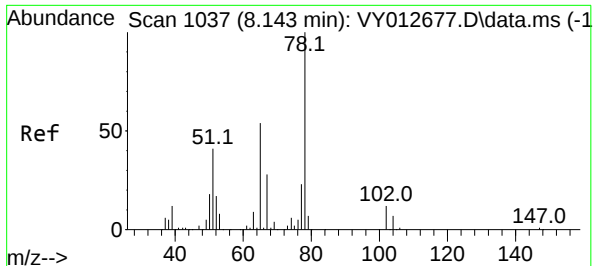
Tgt Ion: 56 Resp: 50525
Ion Ratio Lower Upper
56 100
69 36.5 25.4 38.2
84 86.3 67.3 100.9



#32
1,1,1-Trichloroethane
Concen: 19.877 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

Tgt Ion: 97 Resp: 45180
Ion Ratio Lower Upper
97 100
99 64.7 50.6 75.8
61 46.2 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 19.834 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY012676.D

Acq: 21 Feb 2023 16:01

Instrument :

MSVOA_Y

ClientSampleId :

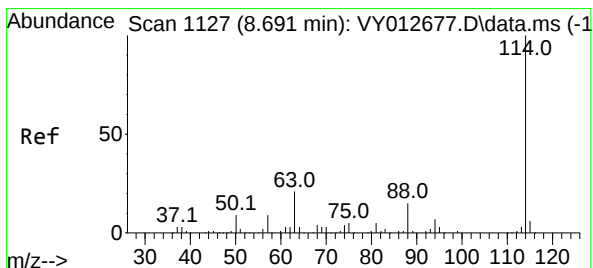
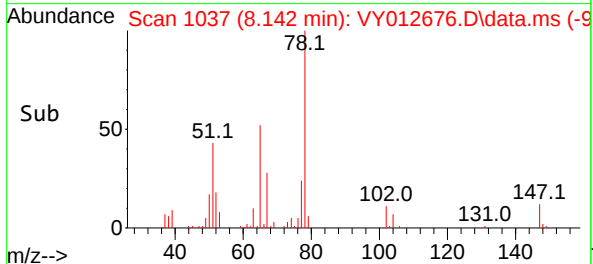
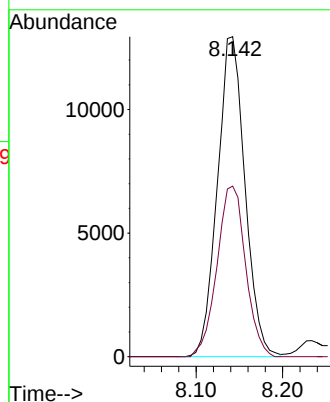
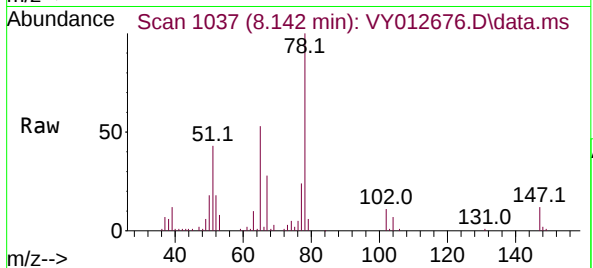
VSTDIC020

Tgt Ion: 65 Resp: 28613

Ion Ratio Lower Upper

65 100

67 55.3 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012676.D

Acq: 21 Feb 2023 16:01

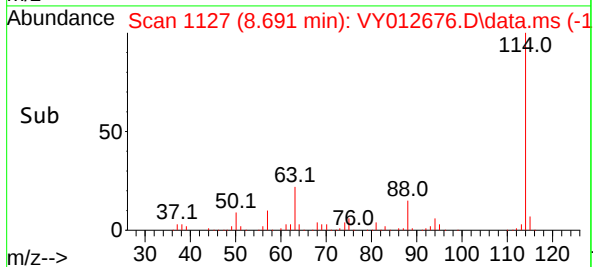
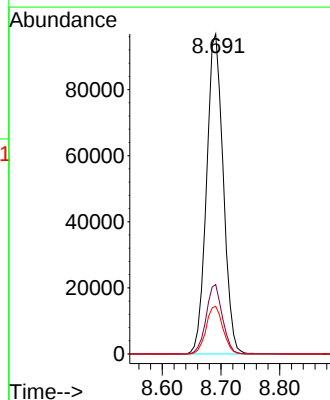
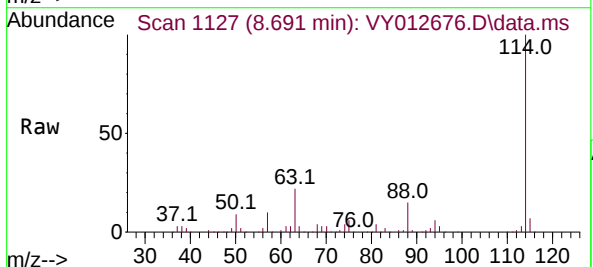
Tgt Ion: 114 Resp: 190671

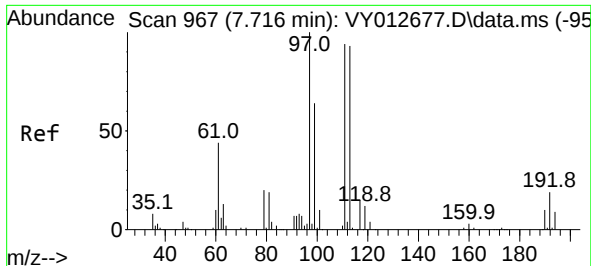
Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.8

88 14.9 0.0 29.6

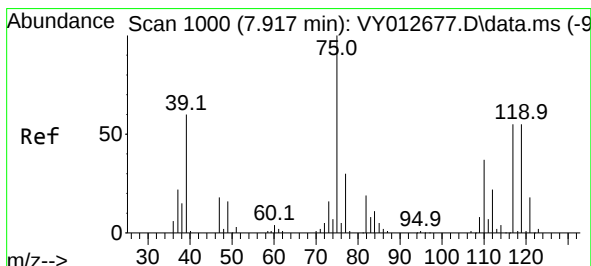
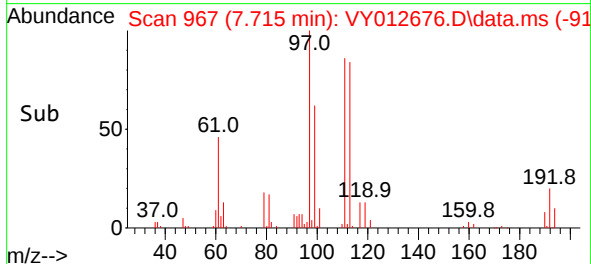
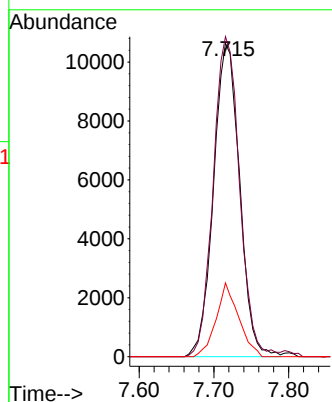
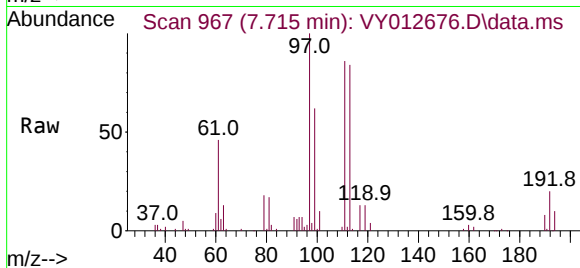




#35
Dibromofluoromethane
Concen: 20.026 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

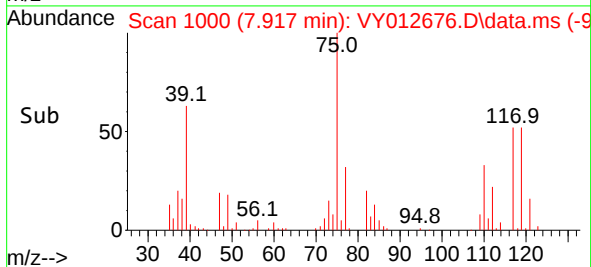
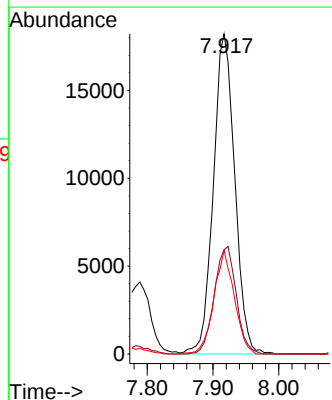
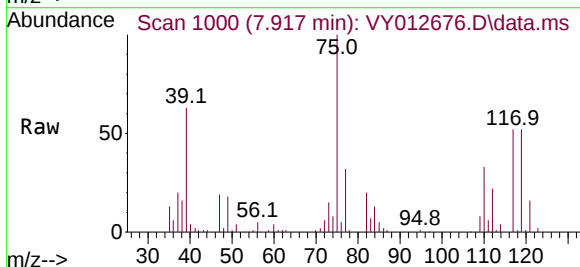
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

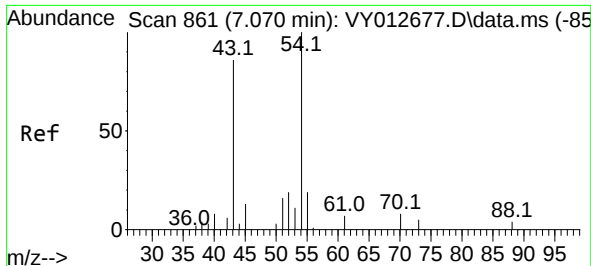
Tgt Ion:113 Resp: 25790
Ion Ratio Lower Upper
113 100
111 103.0 82.0 123.0
192 20.3 16.2 24.2



#36
1,1-Dichloropropene
Concen: 20.220 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

Tgt Ion: 75 Resp: 41276
Ion Ratio Lower Upper
75 100
110 34.3 17.6 52.8
77 30.9 24.6 37.0

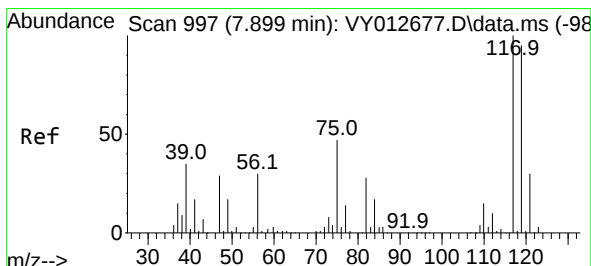
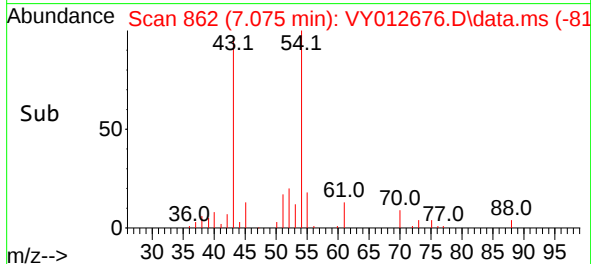
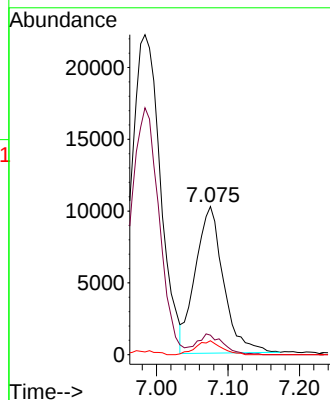
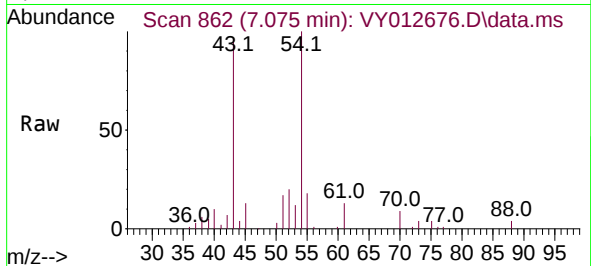




#37
Ethyl Acetate
Concen: 20.243 ug/l
RT: 7.075 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

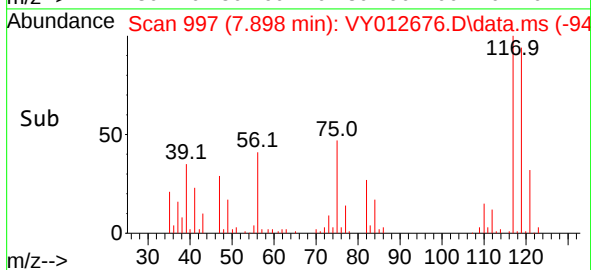
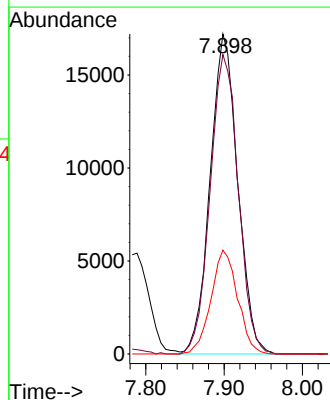
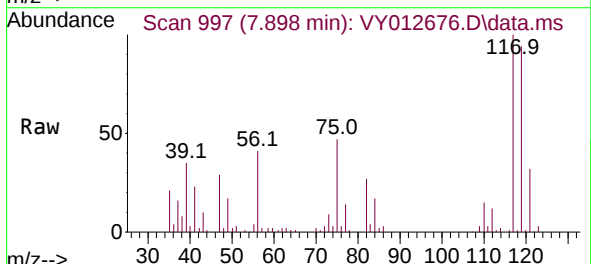
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

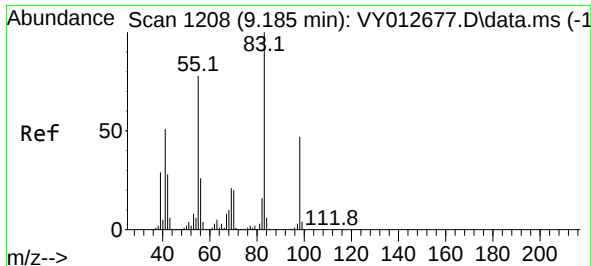
Tgt Ion: 43	Resp: 27883
Ion Ratio	Lower Upper
43 100	
61 12.7	9.9 14.9
70 8.5	6.4 9.6



#38
Carbon Tetrachloride
Concen: 19.923 ug/l
RT: 7.898 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

Tgt Ion:117	Resp:	42052	
Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.5	113.3
121	32.5	23.8	35.8





#39

Methylcyclohexane

Concen: 19.838 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012676.D

Acq: 21 Feb 2023 16:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

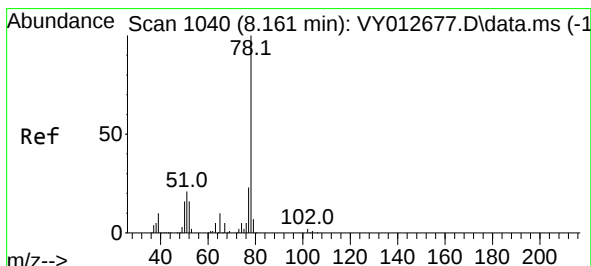
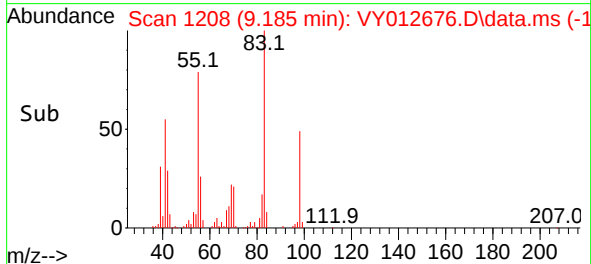
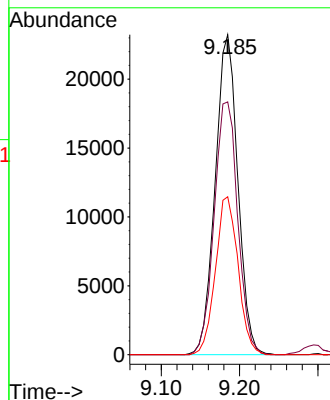
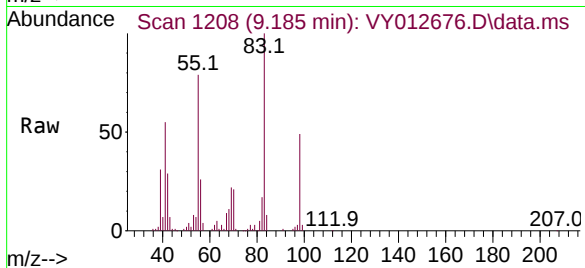
Tgt Ion: 83 Resp: 46714

Ion Ratio Lower Upper

83 100

55 79.0 62.5 93.7

98 49.4 37.8 56.6



#40

Benzene

Concen: 20.296 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012676.D

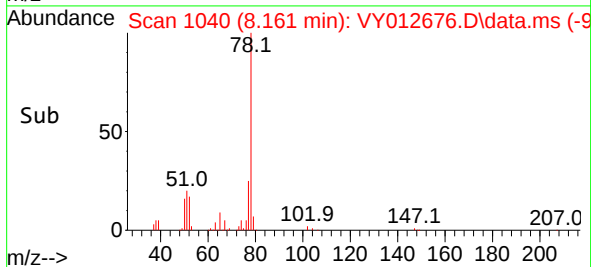
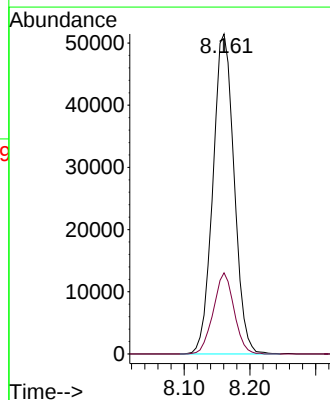
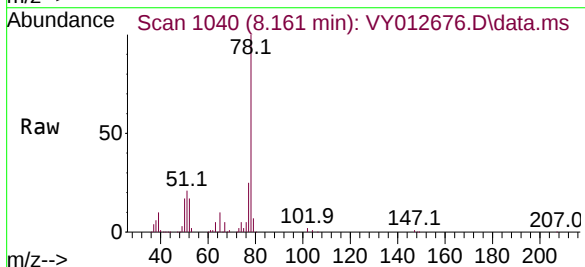
Acq: 21 Feb 2023 16:01

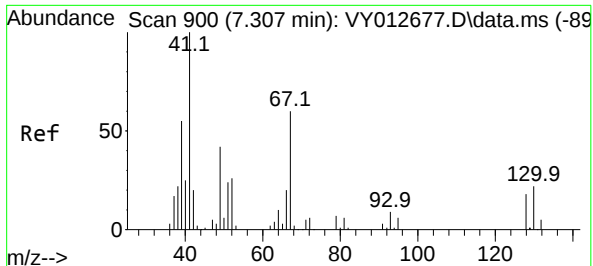
Tgt Ion: 78 Resp: 115651

Ion Ratio Lower Upper

78 100

77 25.4 18.5 27.7

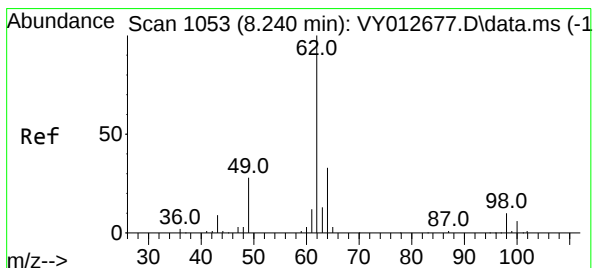
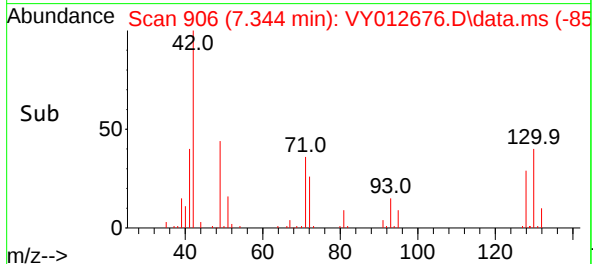
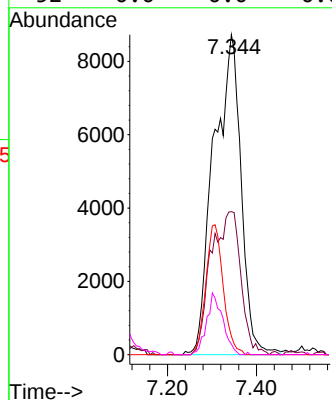
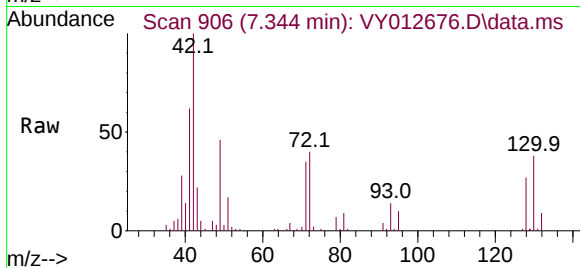




#41
Methacrylonitrile
Concen: 55.176 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.036 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

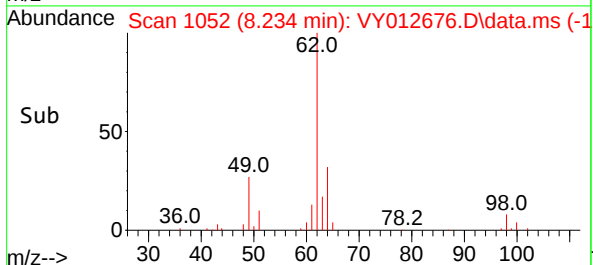
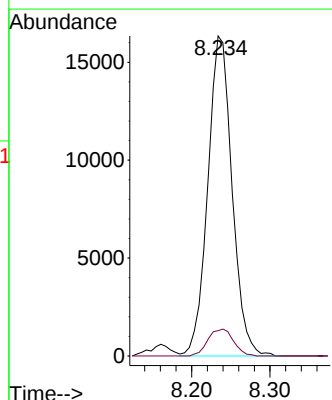
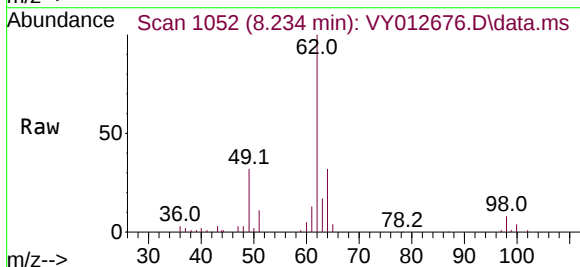
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

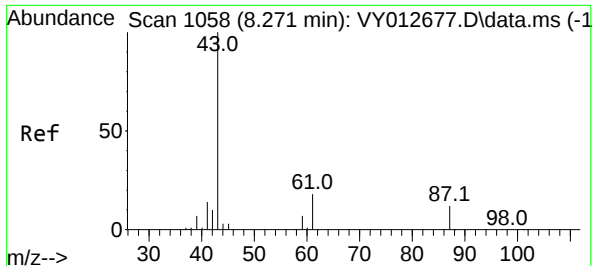
Tgt Ion: 41 Resp: 37024
Ion Ratio Lower Upper
41 100
39 49.0 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 19.942 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

Tgt Ion: 62 Resp: 35237
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.8





#43

Isopropyl Acetate

Concen: 20.524 ug/l

RT: 8.270 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VY012676.D

Acq: 21 Feb 2023 16:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

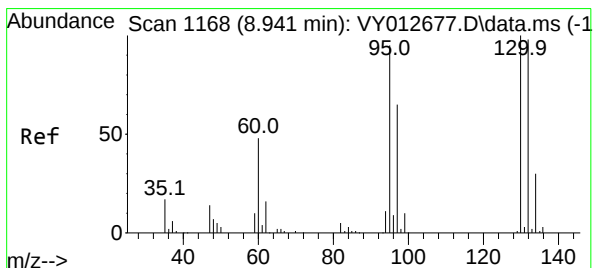
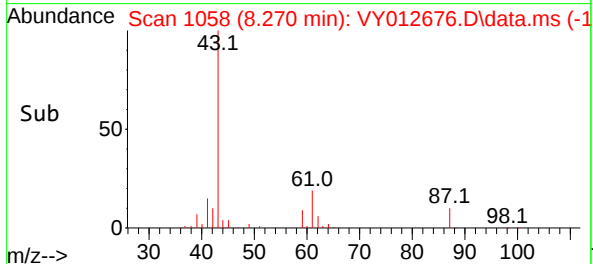
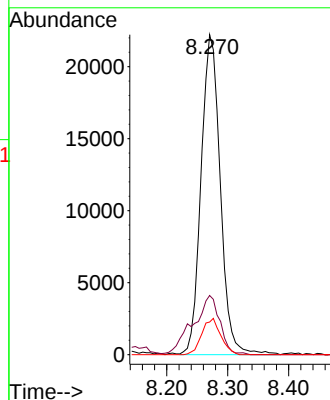
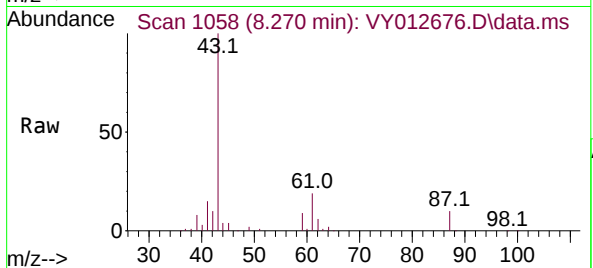
Tgt Ion: 43 Resp: 48852

Ion Ratio Lower Upper

43 100

61 25.9 20.5 30.7

87 11.2 9.2 13.8



#44

Trichloroethene

Concen: 20.771 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VY012676.D

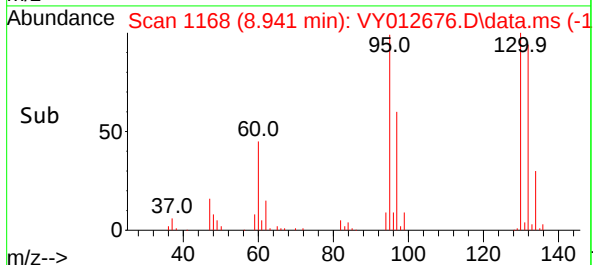
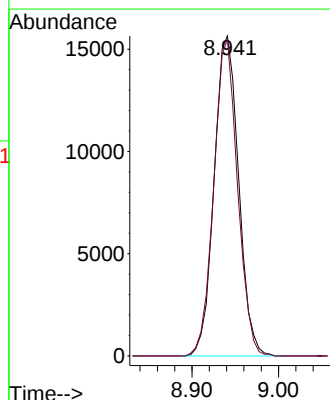
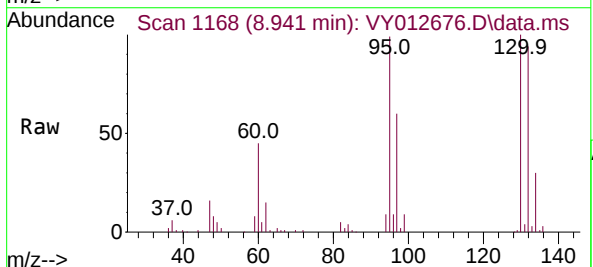
Acq: 21 Feb 2023 16:01

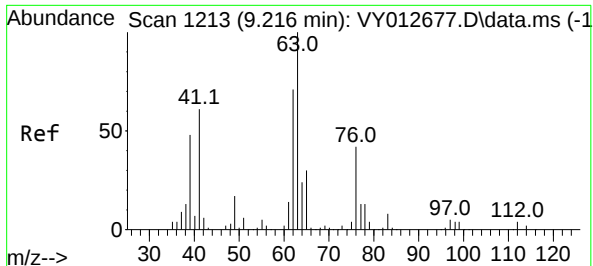
Tgt Ion:130 Resp: 30601

Ion Ratio Lower Upper

130 100

95 98.9 0.0 190.6





#45

1,2-Dichloropropane

Concen: 20.701 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012676.D

Acq: 21 Feb 2023 16:01

Instrument :

MSVOA_Y

ClientSampleId :

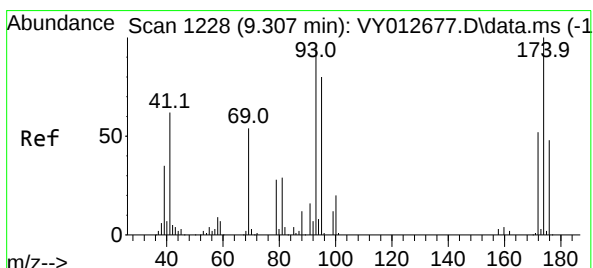
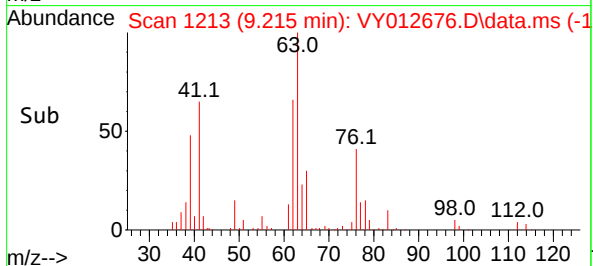
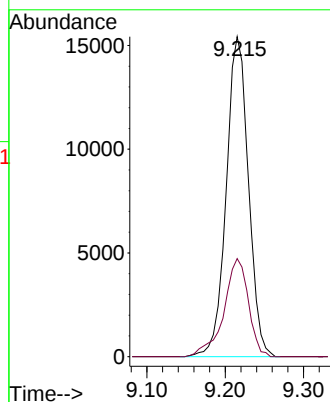
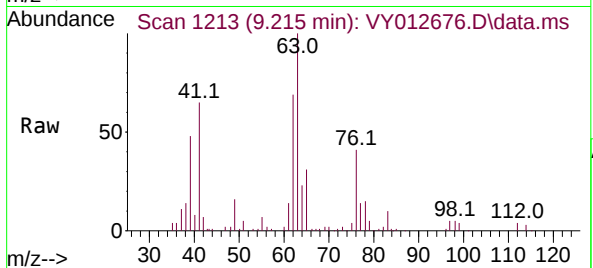
VSTDICC020

Tgt Ion: 63 Resp: 30342

Ion Ratio Lower Upper

63 100

65 30.7 23.9 35.9



#46

Dibromomethane

Concen: 20.550 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012676.D

Acq: 21 Feb 2023 16:01

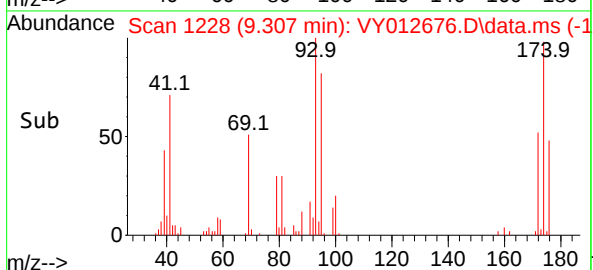
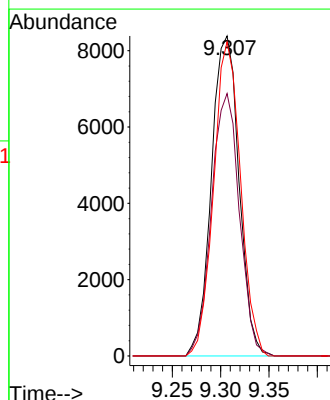
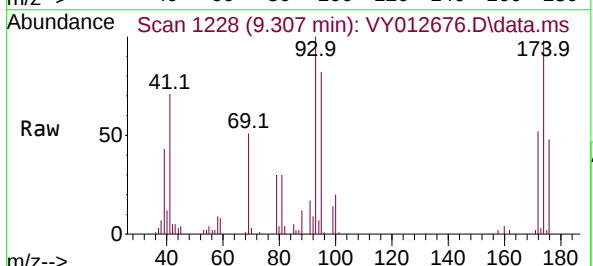
Tgt Ion: 93 Resp: 16627

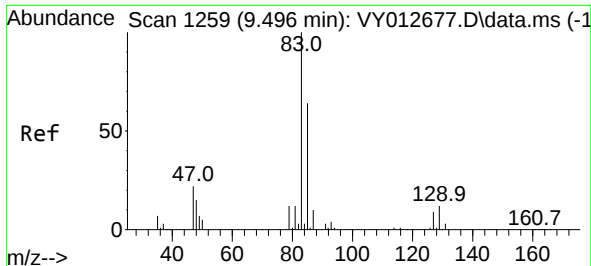
Ion Ratio Lower Upper

93 100

95 83.1 66.6 99.8

174 95.6 79.8 119.6

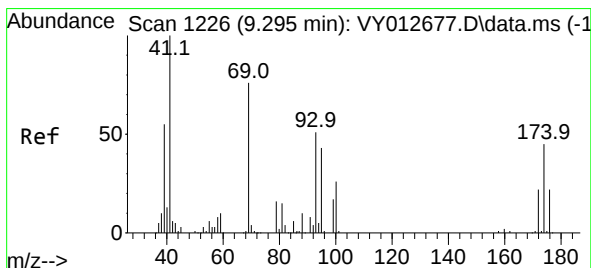
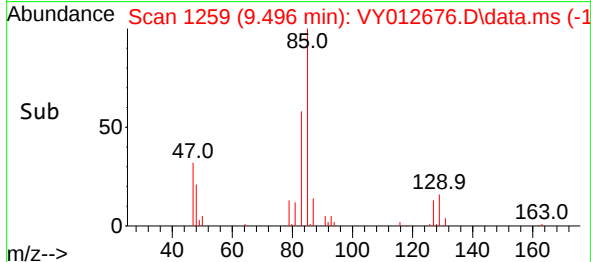
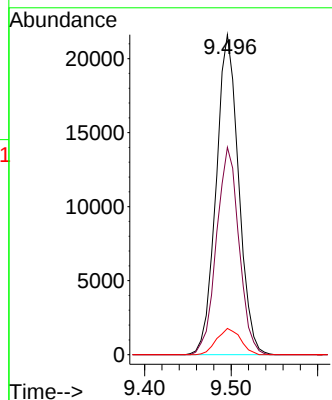
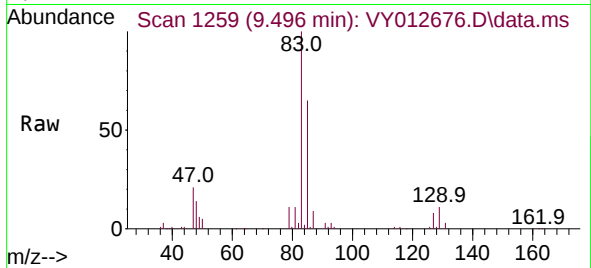




#47
Bromodichloromethane
Concen: 20.020 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

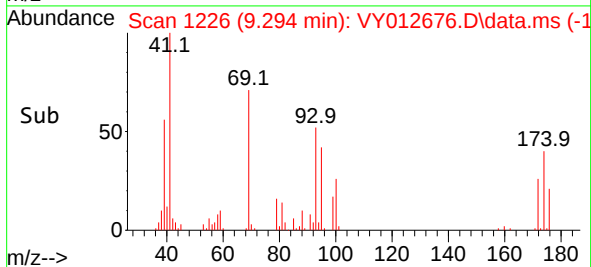
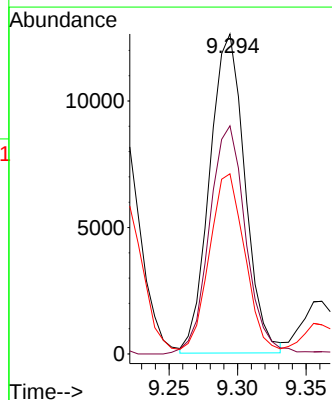
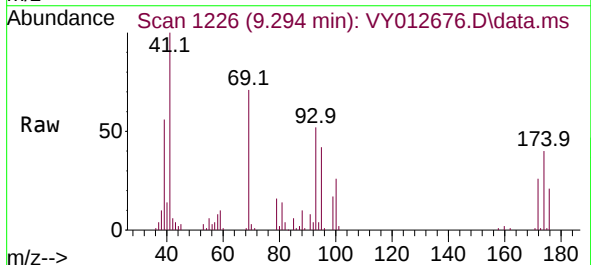
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

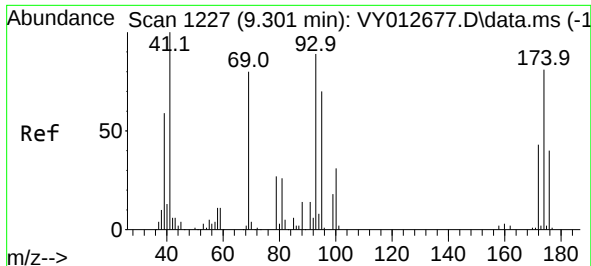
Tgt Ion: 83 Resp: 38995
Ion Ratio Lower Upper
83 100
85 64.8 50.9 76.3
127 8.2 7.1 10.7



#48
Methyl methacrylate
Concen: 20.358 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

Tgt Ion: 41 Resp: 22612
Ion Ratio Lower Upper
41 100
69 74.2 62.6 93.8
39 54.7 45.1 67.7





#49

1,4-Dioxane

Concen: 310.715 ug/l

RT: 9.294 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY012676.D

Acq: 21 Feb 2023 16:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

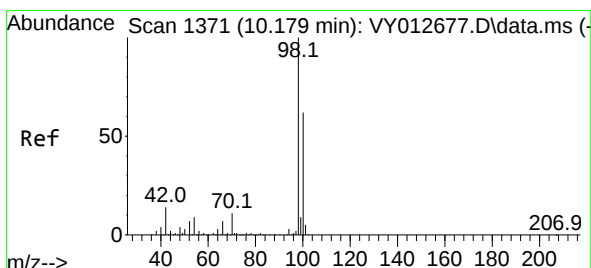
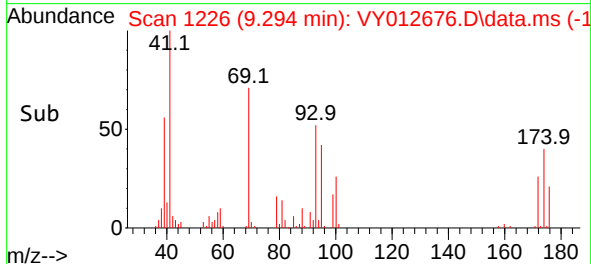
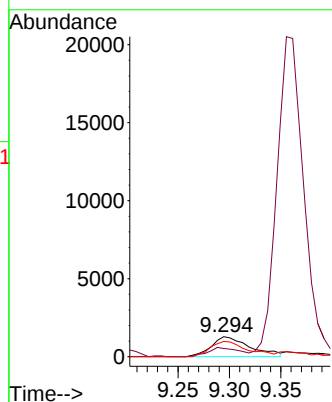
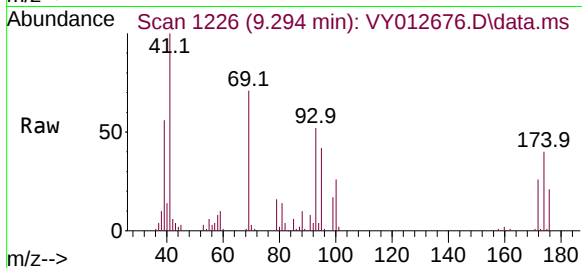
Tgt Ion: 88 Resp: 3345

Ion Ratio Lower Upper

88 100

43 37.1 23.1 34.7#

58 73.0 45.8 68.8#



#50

Toluene-d8

Concen: 19.927 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012676.D

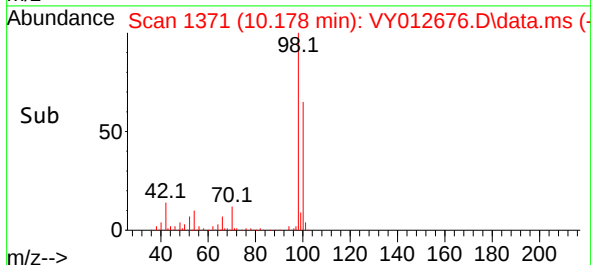
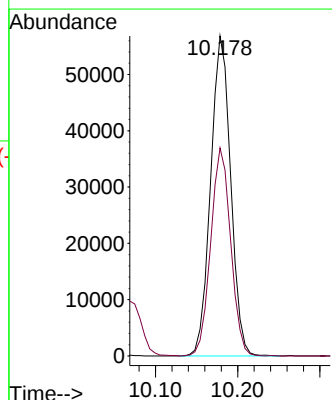
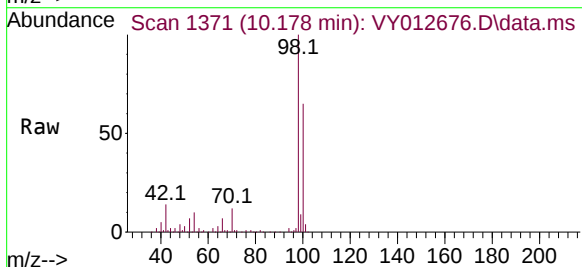
Acq: 21 Feb 2023 16:01

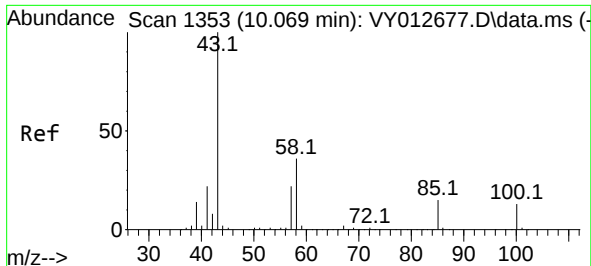
Tgt Ion: 98 Resp: 96146

Ion Ratio Lower Upper

98 100

100 64.7 51.2 76.8

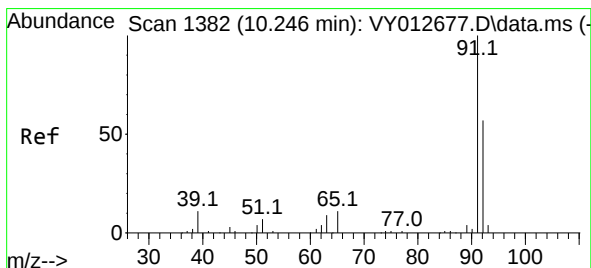
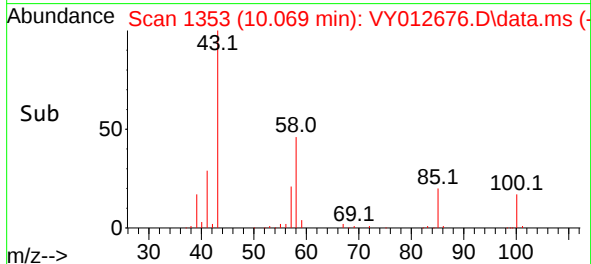
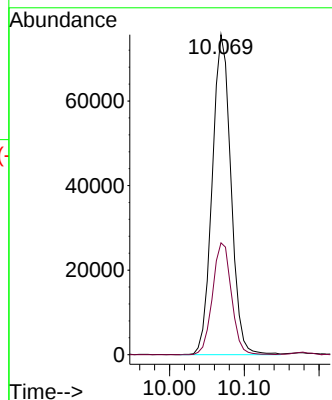
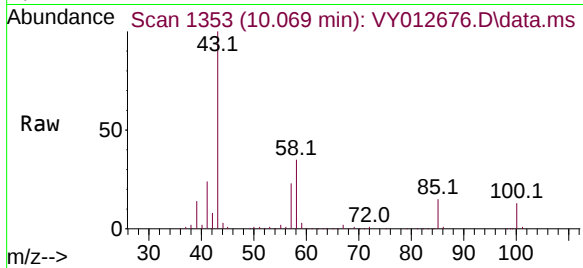




#51
4-Methyl-2-Pentanone
Concen: 102.449 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

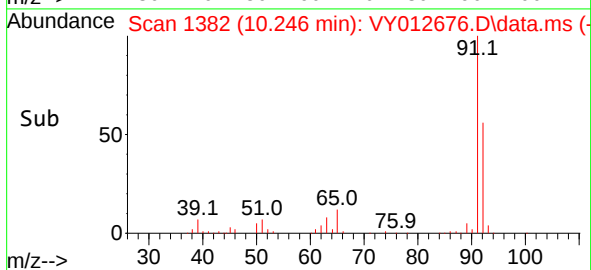
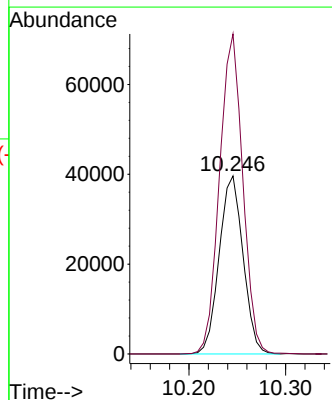
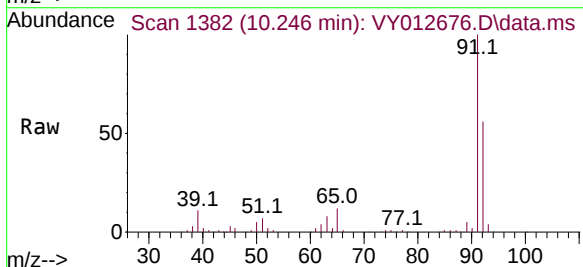
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

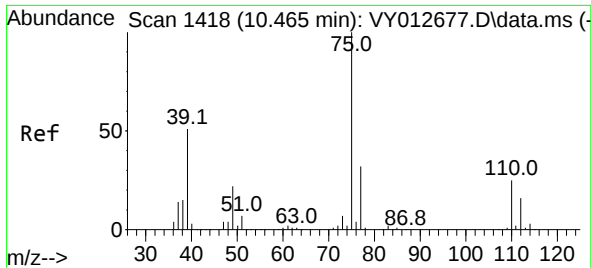
Tgt Ion: 43 Resp: 131543
Ion Ratio Lower Upper
43 100
58 35.3 28.8 43.2



#52
Toluene
Concen: 20.078 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

Tgt Ion: 92 Resp: 67789
Ion Ratio Lower Upper
92 100
91 175.4 139.5 209.3

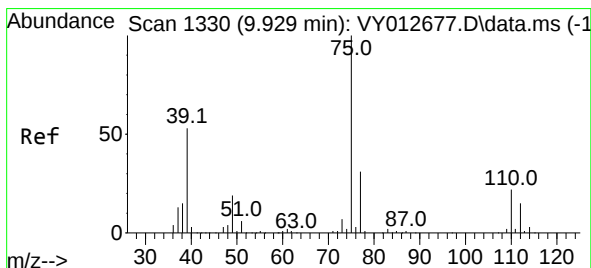
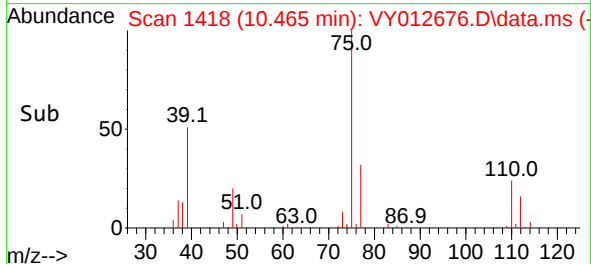
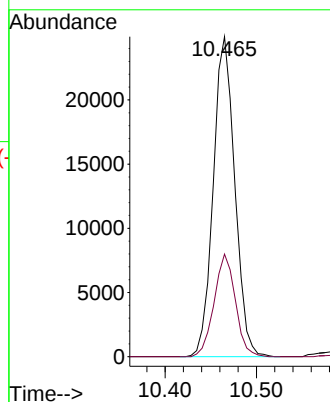
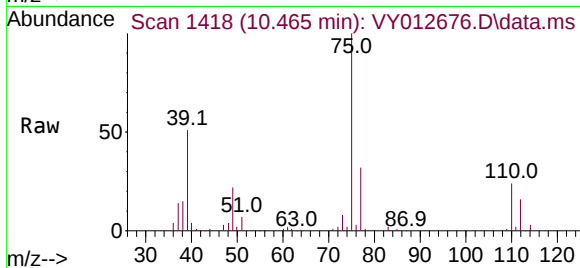




#53
 t-1,3-Dichloropropene
 Concen: 19.997 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY012676.D
 Acq: 21 Feb 2023 16:01

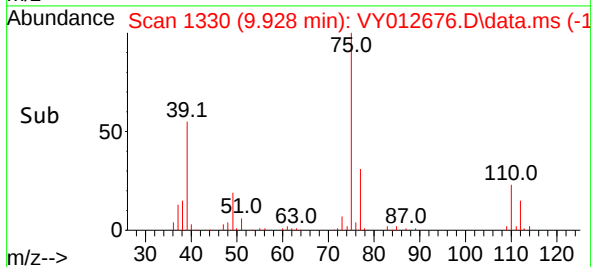
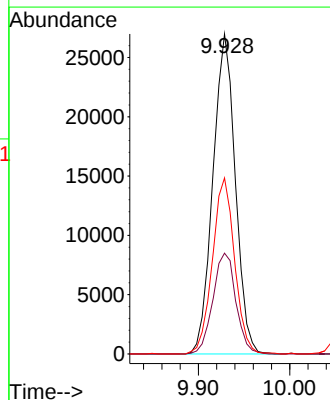
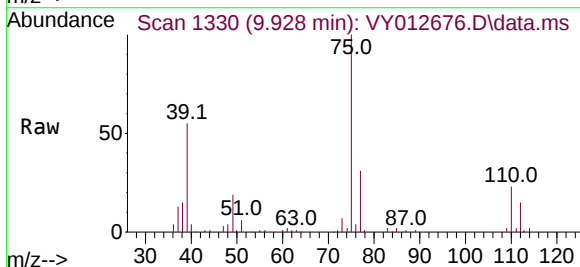
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

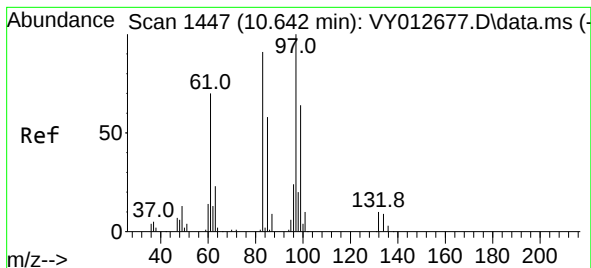
Tgt Ion: 75 Resp: 40703
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.933 ug/l
 RT: 9.928 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY012676.D
 Acq: 21 Feb 2023 16:01

Tgt Ion: 75 Resp: 45910
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.9 37.3
 39 55.0 42.7 64.1





#55

1,1,2-Trichloroethane

Concen: 20.166 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY012676.D

Acq: 21 Feb 2023 16:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 22162

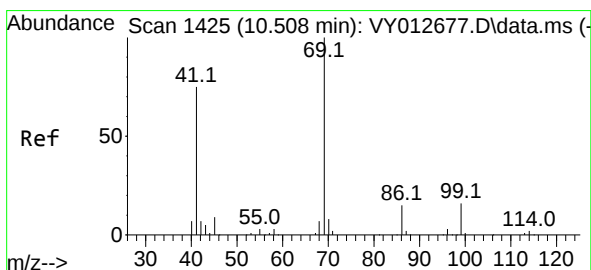
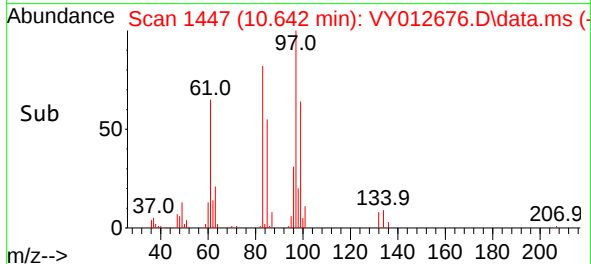
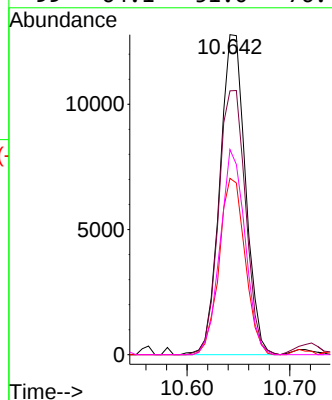
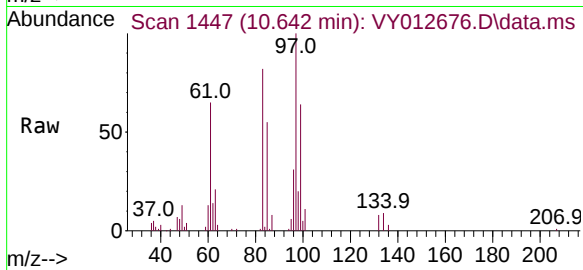
Ion Ratio Lower Upper

97 100

83 82.4 73.1 109.7

85 55.1 46.1 69.1

99 64.1 51.0 76.4



#56

Ethyl methacrylate

Concen: 20.134 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY012676.D

Acq: 21 Feb 2023 16:01

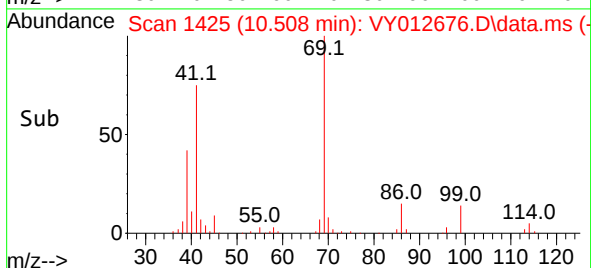
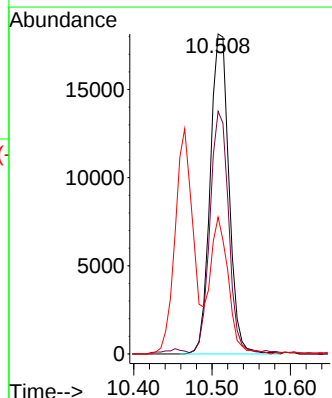
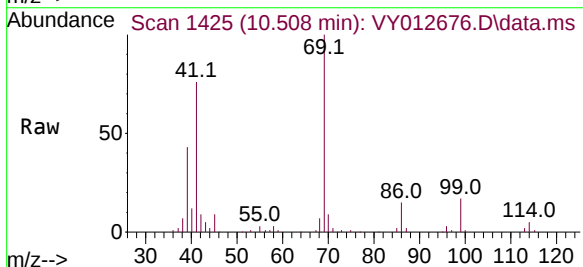
Tgt Ion: 69 Resp: 30218

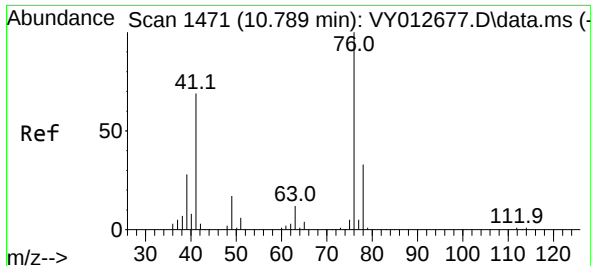
Ion Ratio Lower Upper

69 100

41 74.4 60.2 90.4

39 40.3 32.4 48.6





#57

1,3-Dichloropropane

Concen: 20.331 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY012676.D

Acq: 21 Feb 2023 16:01

Instrument :

MSVOA_Y

ClientSampleId :

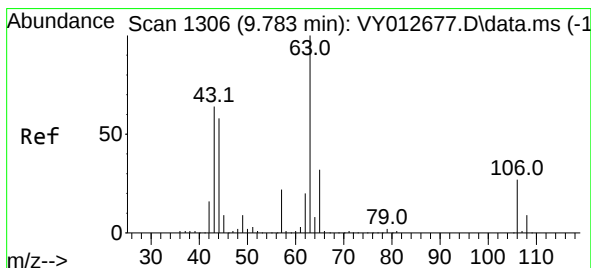
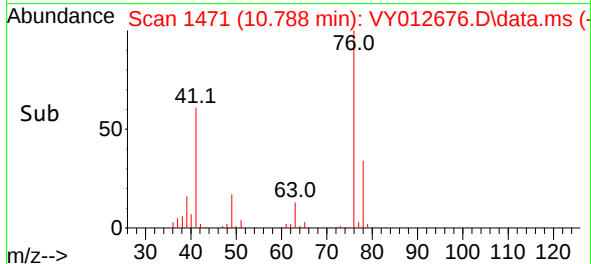
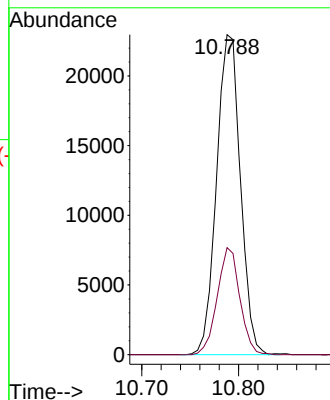
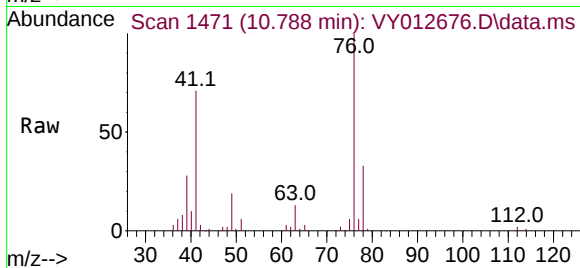
VSTDIC020

Tgt Ion: 76 Resp: 39270

Ion Ratio Lower Upper

76 100

78 31.7 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 98.038 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012676.D

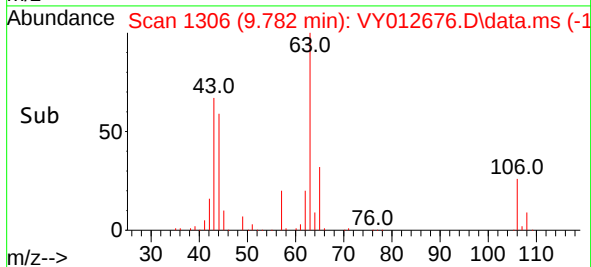
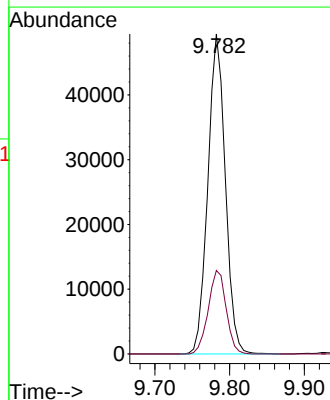
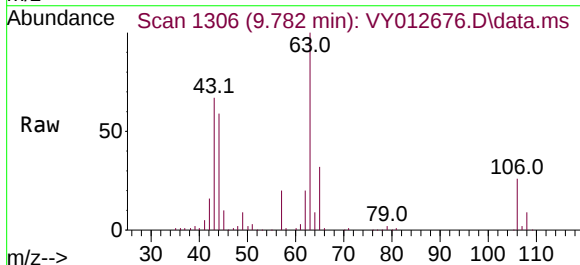
Acq: 21 Feb 2023 16:01

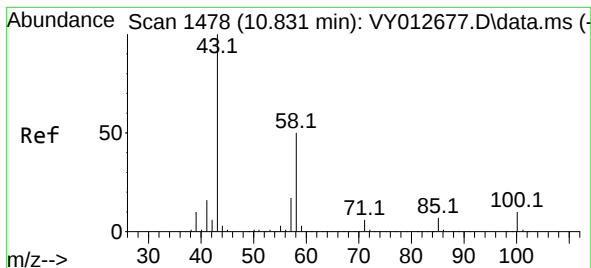
Tgt Ion: 63 Resp: 80140

Ion Ratio Lower Upper

63 100

106 26.7 21.0 31.6

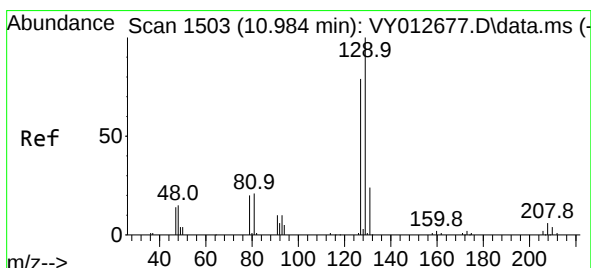
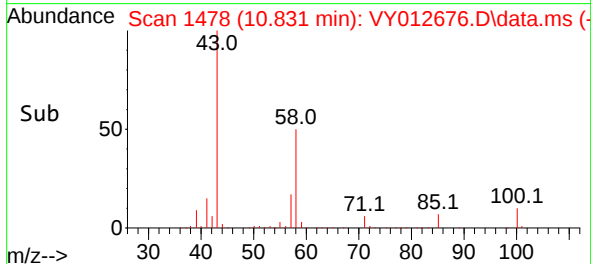
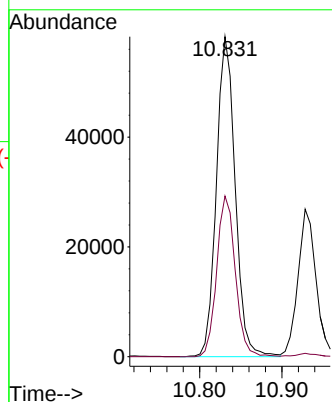
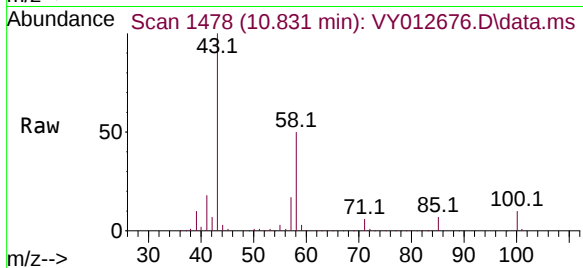




#59
2-Hexanone
Concen: 101.871 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

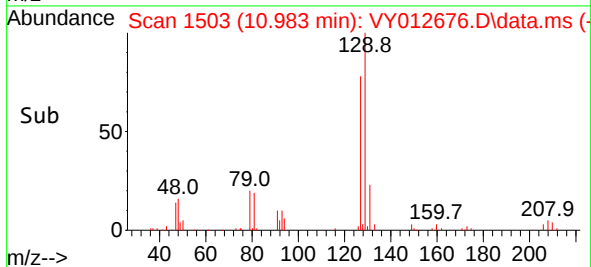
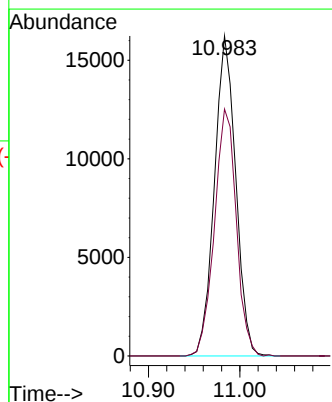
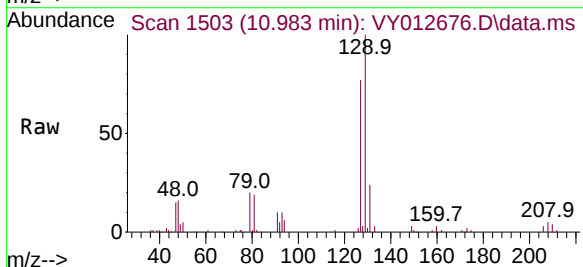
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

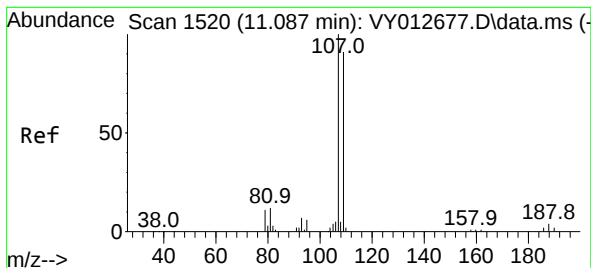
Tgt Ion: 43 Resp: 92727
Ion Ratio Lower Upper
43 100
58 49.7 24.9 74.6



#60
Dibromochloromethane
Concen: 19.739 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

Tgt Ion: 129 Resp: 26281
Ion Ratio Lower Upper
129 100
127 79.2 39.1 117.3

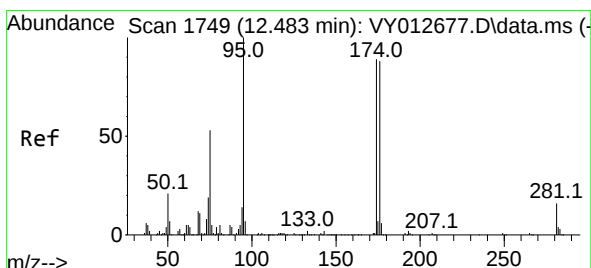
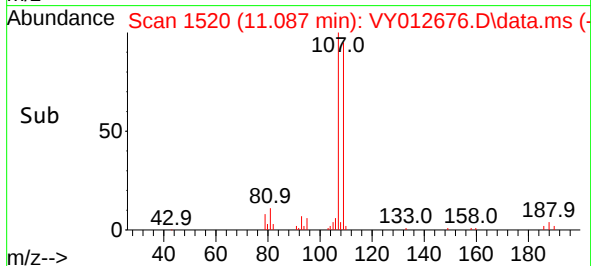
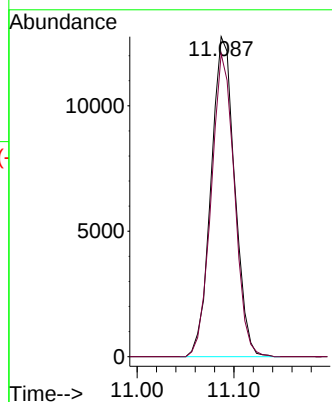
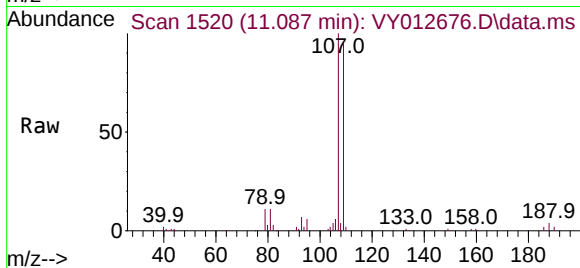




#61
1,2-Dibromoethane
Concen: 20.580 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

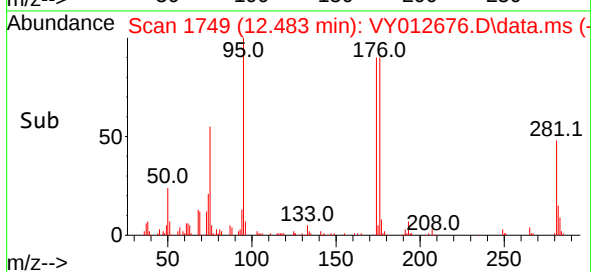
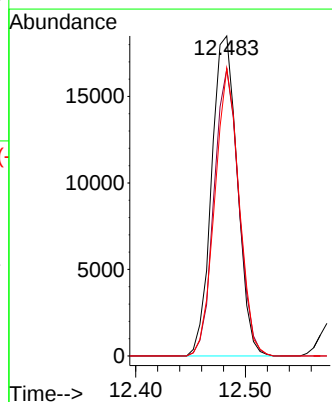
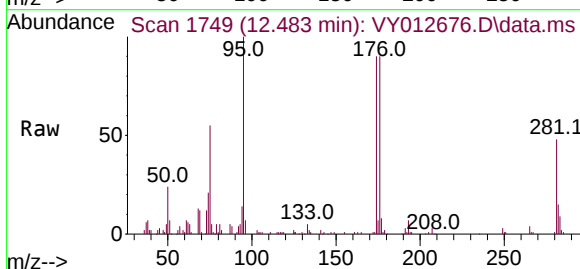
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

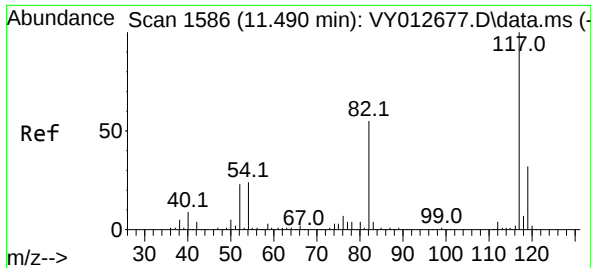
Tgt Ion:107 Resp: 21668
Ion Ratio Lower Upper
107 100
109 92.7 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 19.492 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

Tgt Ion: 95 Resp: 30095
Ion Ratio Lower Upper
95 100
174 86.2 0.0 172.8
176 85.0 0.0 169.4

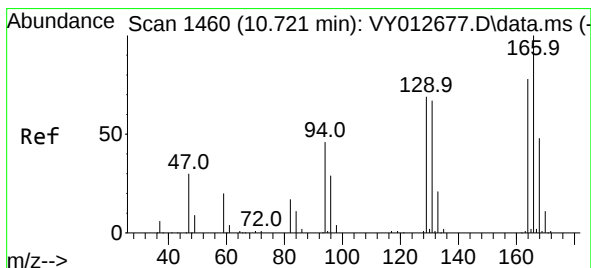
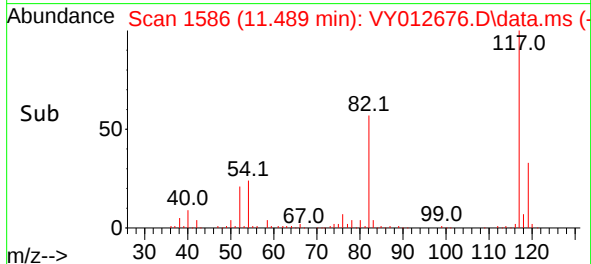
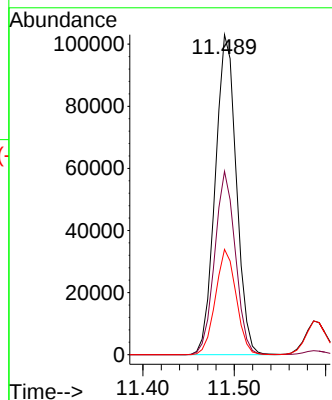
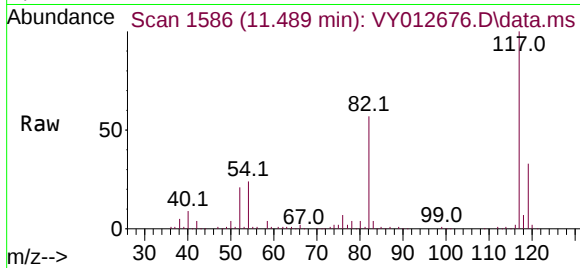




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

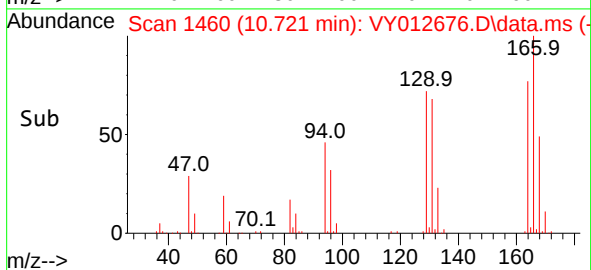
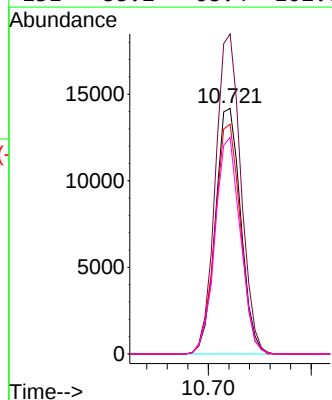
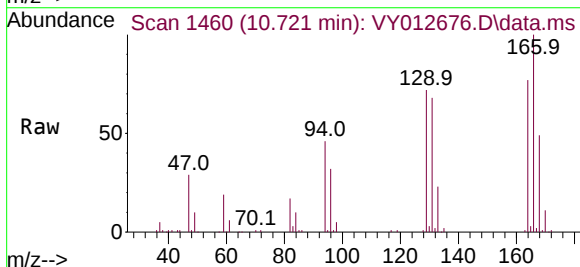
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

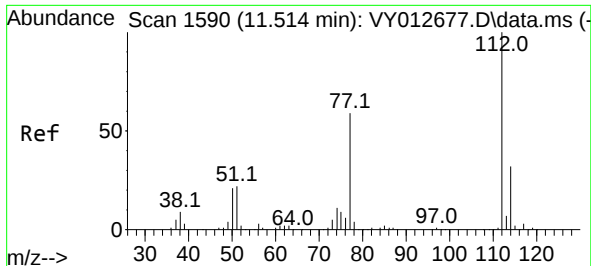
Tgt Ion:117 Resp: 165165
Ion Ratio Lower Upper
117 100
82 57.3 44.1 66.1
119 32.9 25.5 38.3



#64
Tetrachloroethene
Concen: 20.164 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

Tgt Ion:164 Resp: 24222
Ion Ratio Lower Upper
164 100
166 130.3 102.2 153.4
129 93.5 71.0 106.6
131 88.2 68.4 102.6

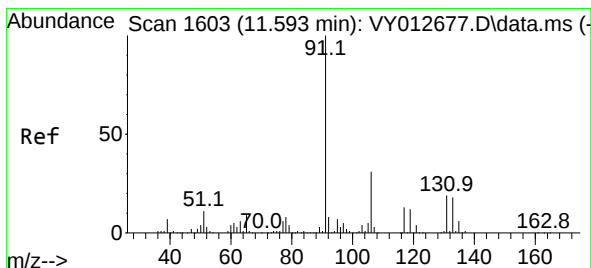
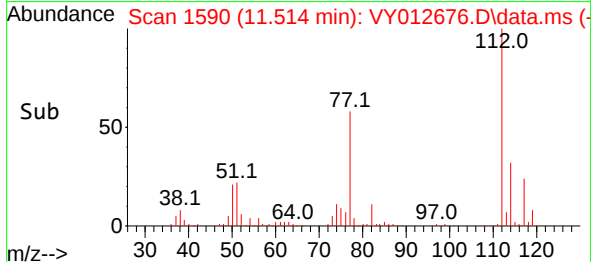
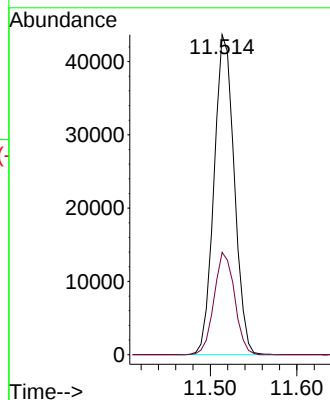
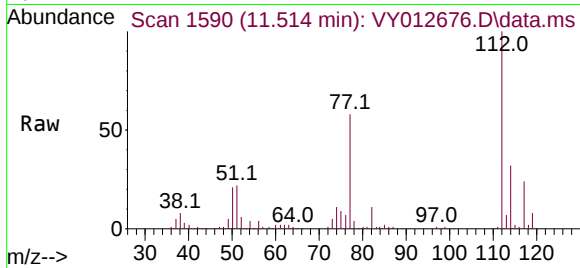




#65
Chlorobenzene
Concen: 20.005 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

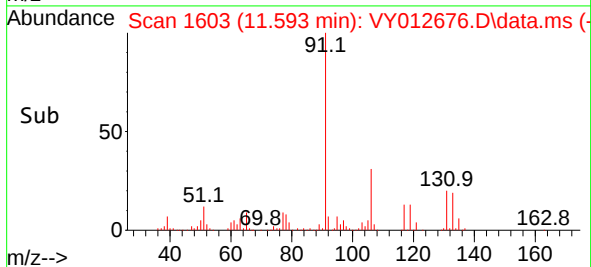
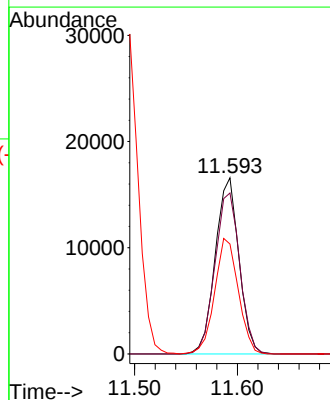
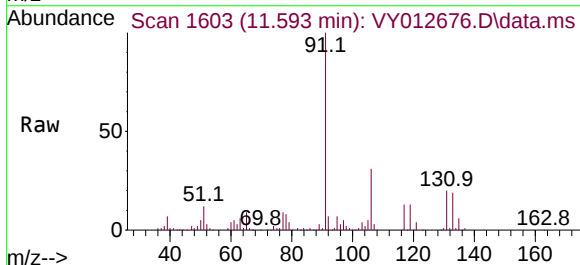
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

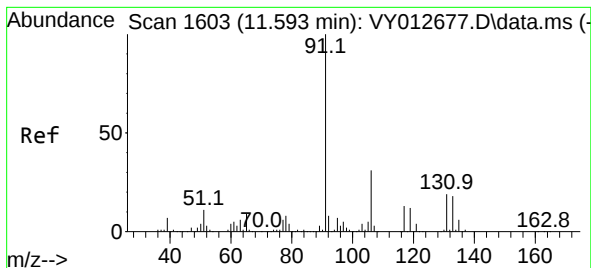
Tgt Ion:112 Resp: 70854
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.187 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

Tgt Ion:131 Resp: 26497
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.3
119 65.7 32.4 97.2

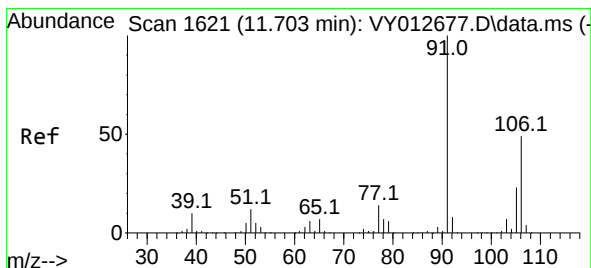
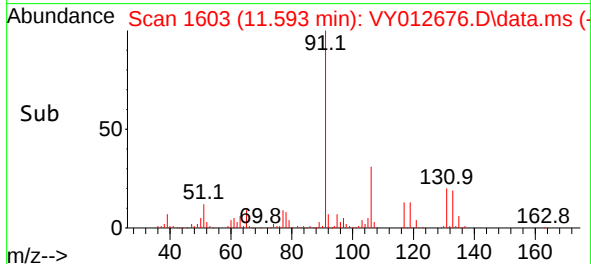
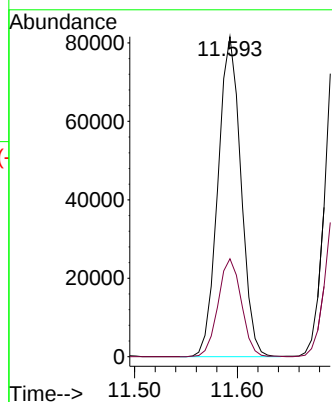
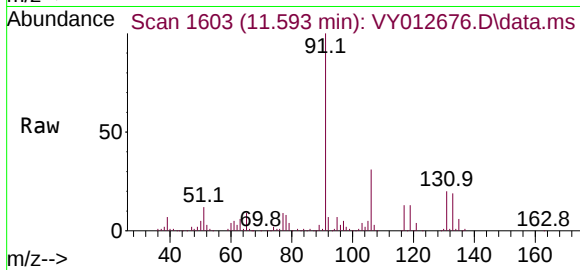




#67
Ethyl Benzene
Concen: 20.011 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

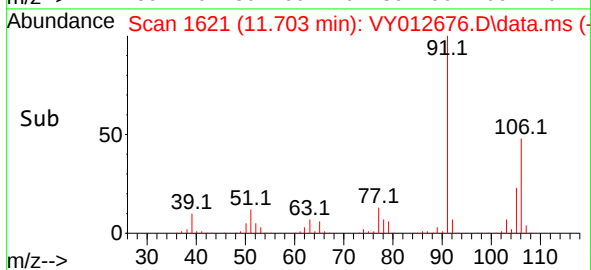
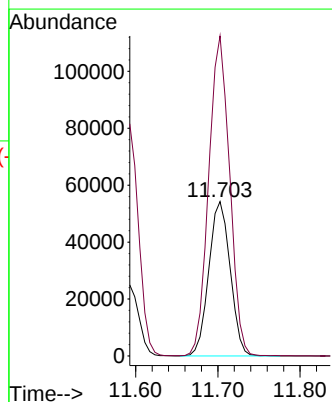
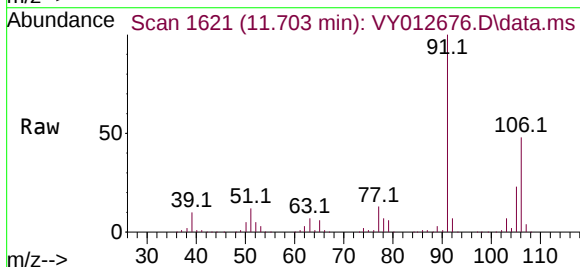
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

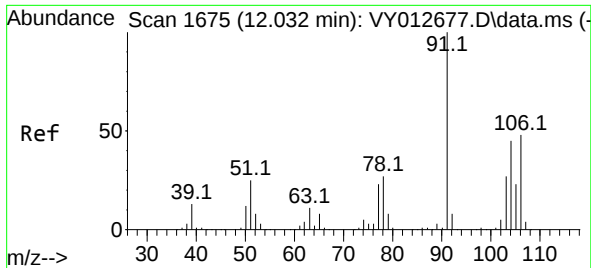
Tgt Ion: 91 Resp: 126689
Ion Ratio Lower Upper
91 100
106 30.6 25.2 37.8



#68
m/p-Xylenes
Concen: 40.598 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

Tgt Ion:106 Resp: 98048
Ion Ratio Lower Upper
106 100
91 203.8 163.2 244.8

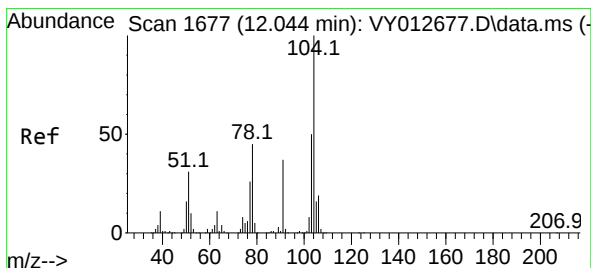
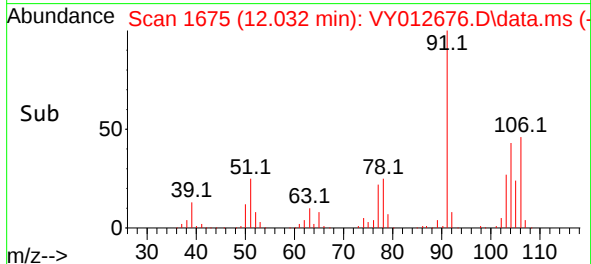
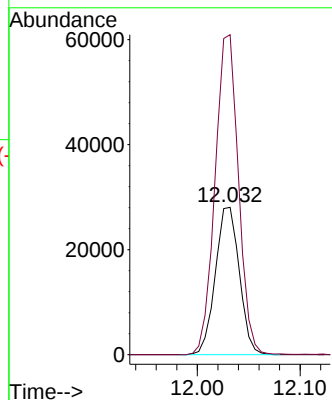
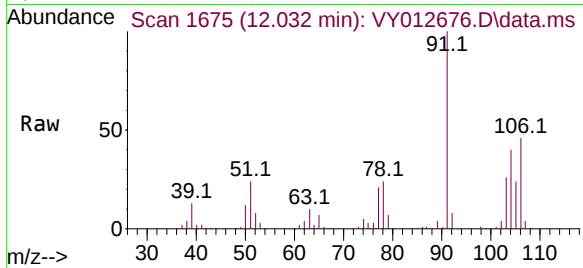




#69
o-Xylene
Concen: 20.282 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

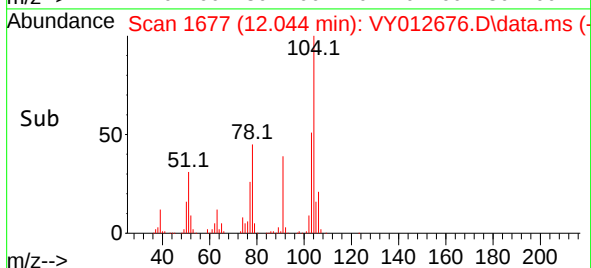
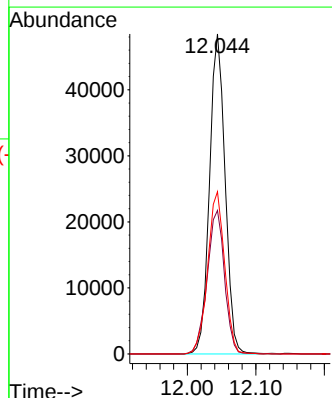
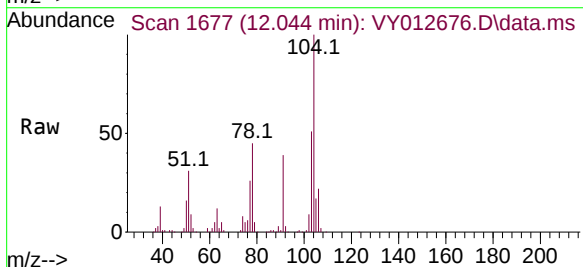
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

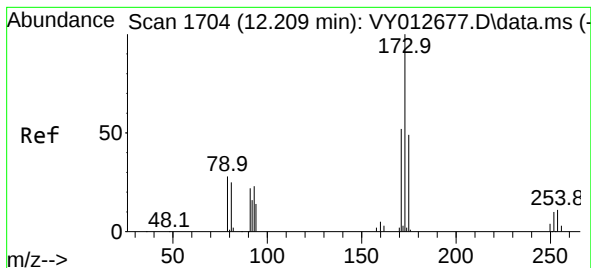
Tgt Ion:106 Resp: 45368
Ion Ratio Lower Upper
106 100
91 212.5 106.3 319.0



#70
Styrene
Concen: 20.435 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

Tgt Ion:104 Resp: 76615
Ion Ratio Lower Upper
104 100
78 50.1 40.6 61.0
103 55.4 44.1 66.1





#71

Bromoform

Concen: 19.893 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012676.D

Acq: 21 Feb 2023 16:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

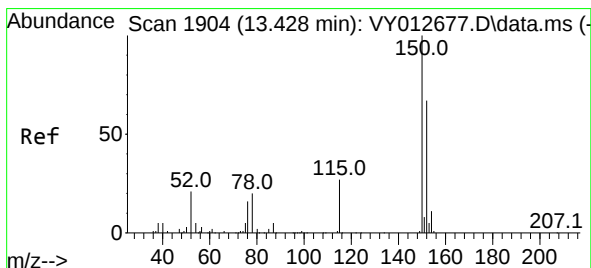
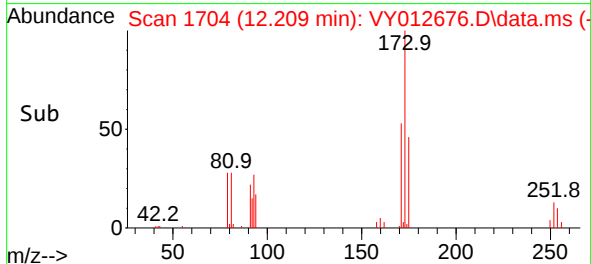
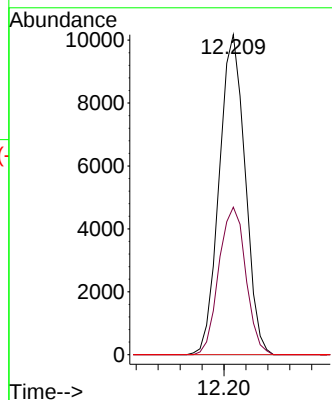
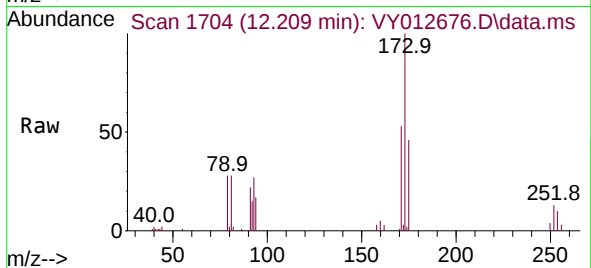
Tgt Ion:173 Resp: 16662

Ion Ratio Lower Upper

173 100

175 47.9 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012676.D

Acq: 21 Feb 2023 16:01

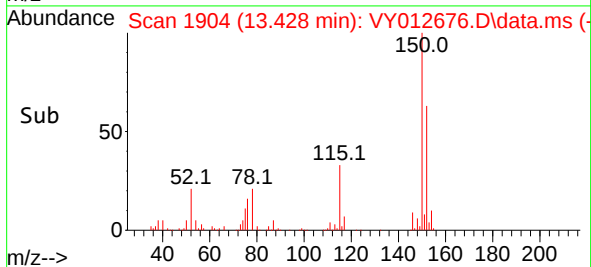
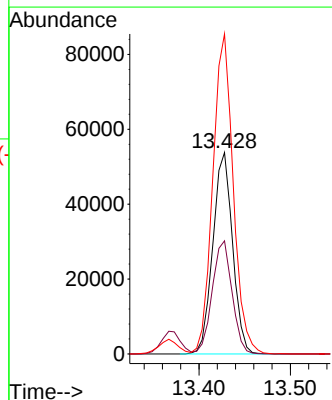
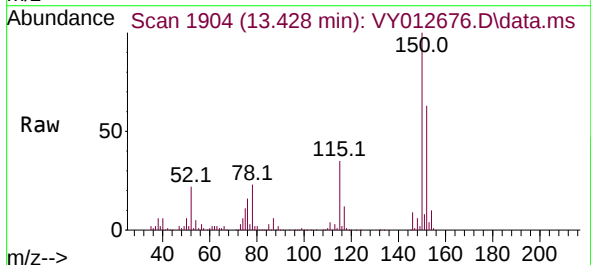
Tgt Ion:152 Resp: 80465

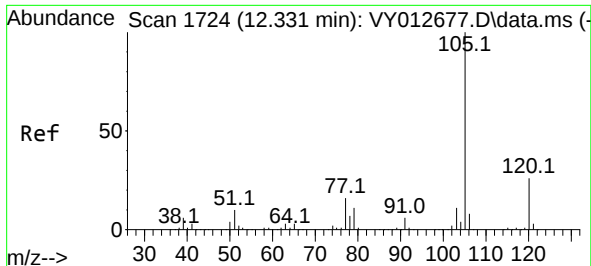
Ion Ratio Lower Upper

152 100

115 56.6 28.7 86.3

150 164.6 0.0 347.6

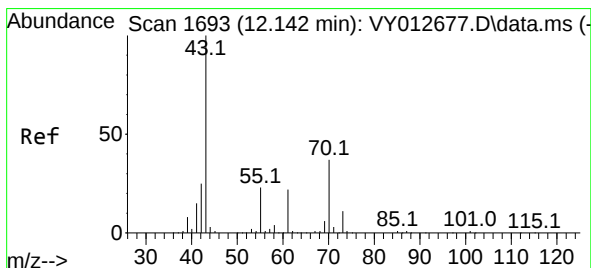
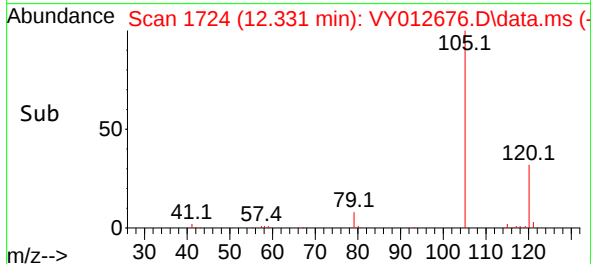
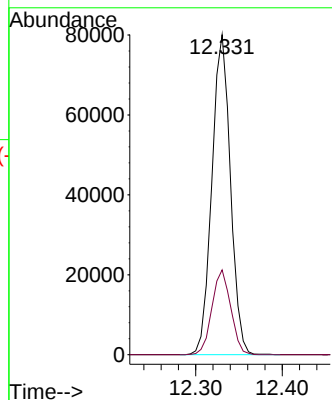
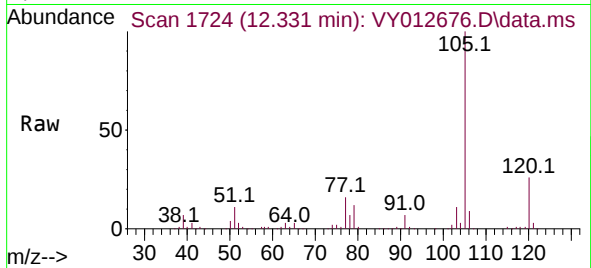




#73
Isopropylbenzene
Concen: 20.004 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

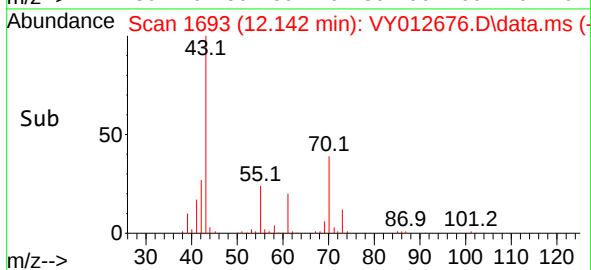
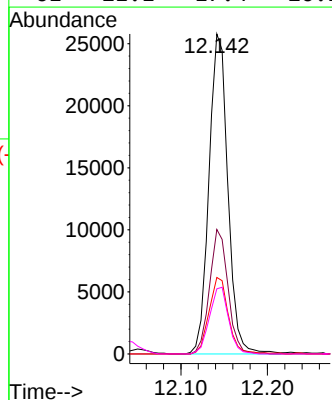
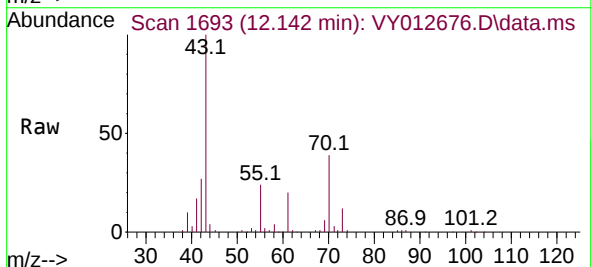
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

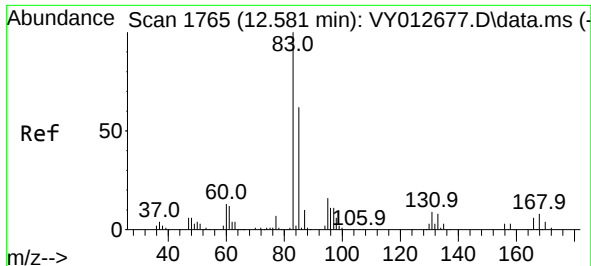
Tgt Ion:105 Resp: 118950
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.5



#74
N-ethyl acetate
Concen: 19.988 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

Tgt Ion: 43 Resp: 39070
Ion Ratio Lower Upper
43 100
70 38.0 29.8 44.6
55 24.5 18.2 27.2
61 21.1 17.4 26.2

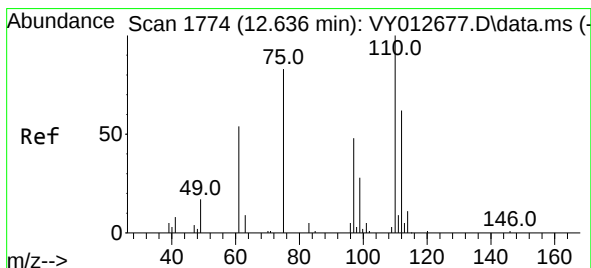
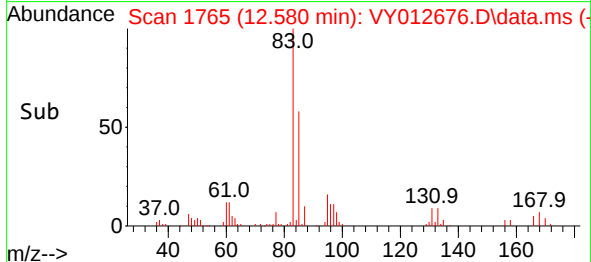
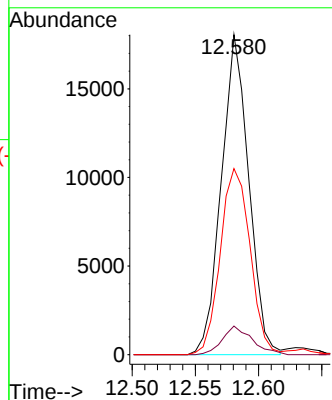
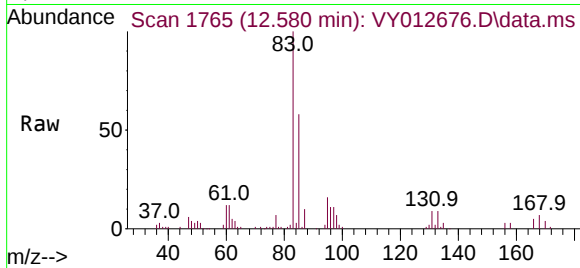




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.339 ug/l
 RT: 12.580 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY012676.D
 Acq: 21 Feb 2023 16:01

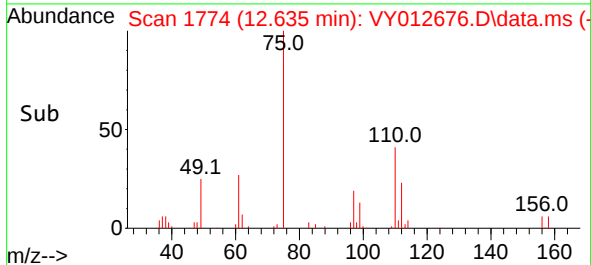
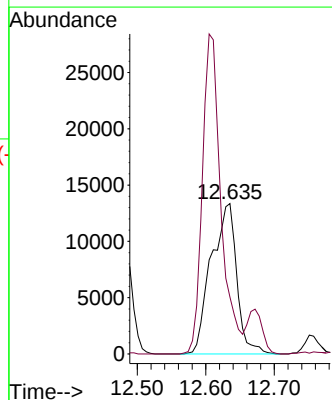
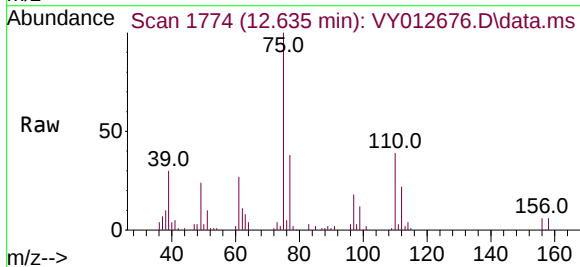
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

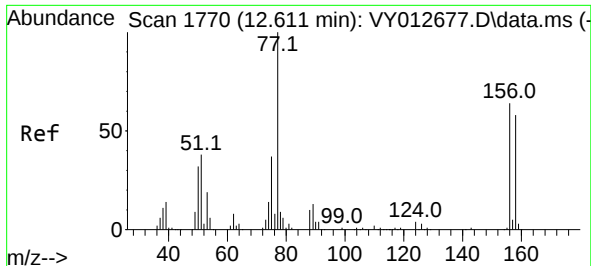
Tgt Ion: 83 Resp: 27193
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.0 15.0
 85 63.2 31.6 95.0



#76
 1,2,3-Trichloropropane
 Concen: 35.646 ug/l
 RT: 12.635 min Scan# 1774
 Delta R.T. -0.000 min
 Lab File: VY012676.D
 Acq: 21 Feb 2023 16:01

Tgt Ion: 75 Resp: 34571
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

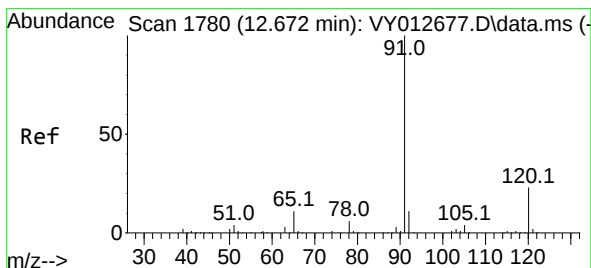
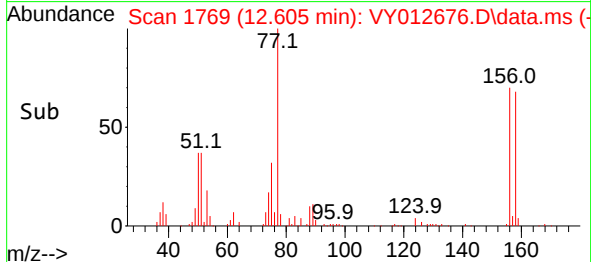
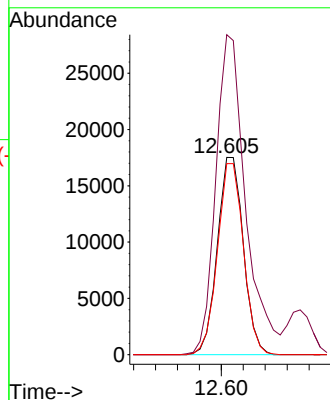
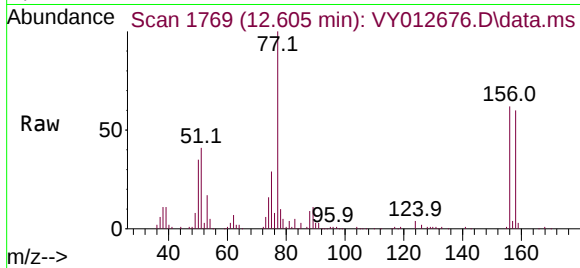




#77
Bromobenzene
Concen: 20.232 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

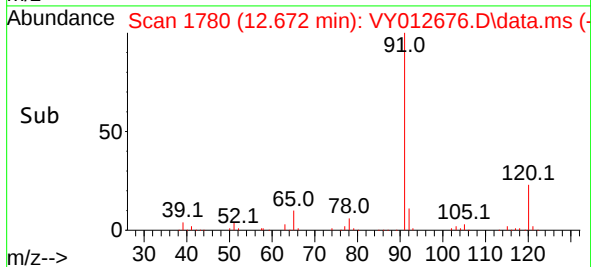
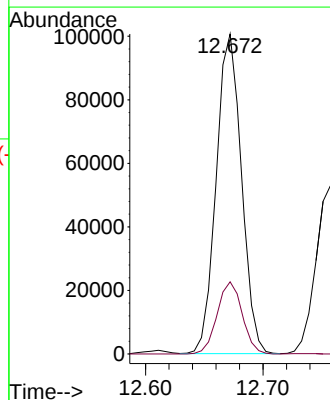
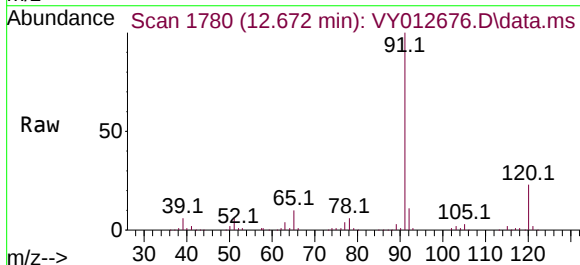
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

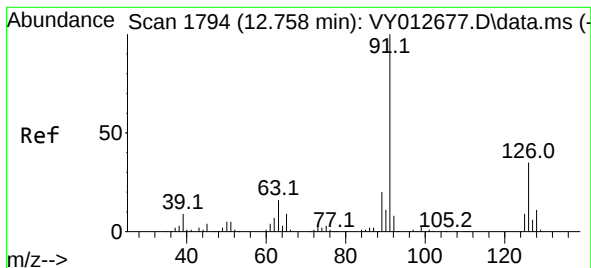
Tgt Ion:156 Resp: 28826
Ion Ratio Lower Upper
156 100
77 186.4 96.3 288.8
158 96.9 48.5 145.6



#78
n-propylbenzene
Concen: 20.202 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

Tgt Ion: 91 Resp: 150260
Ion Ratio Lower Upper
91 100
120 22.3 11.3 33.8

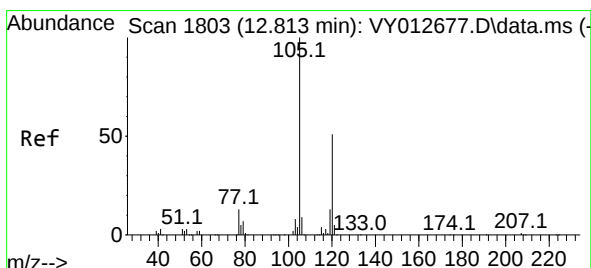
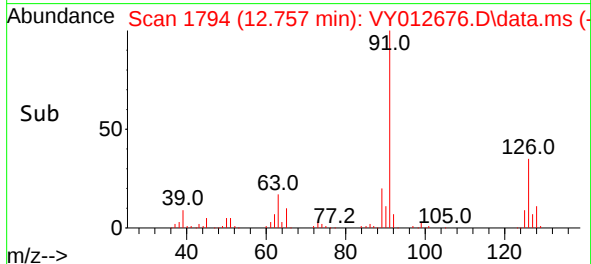
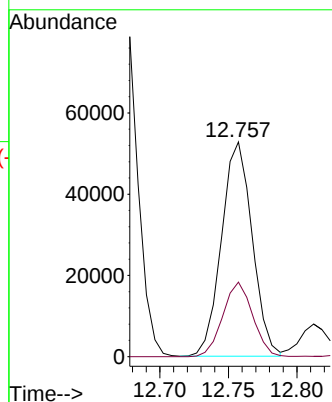
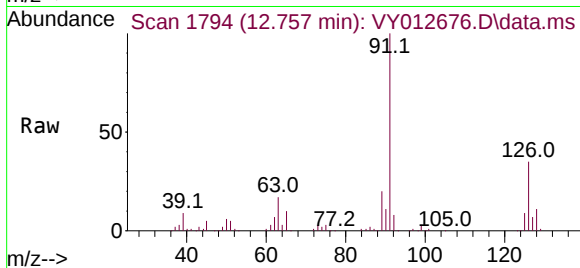




#79
2-Chlorotoluene
Concen: 19.932 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

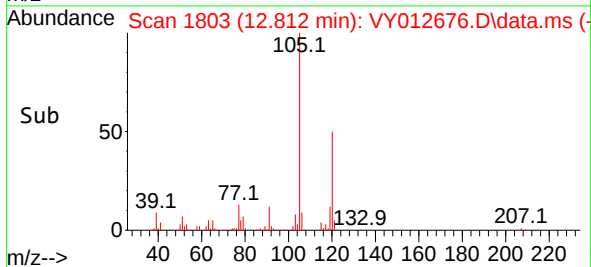
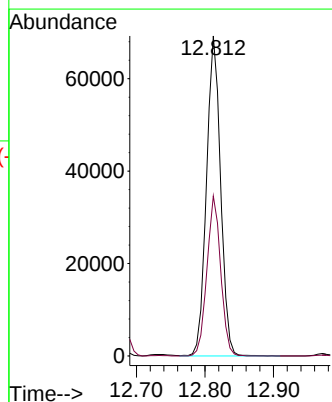
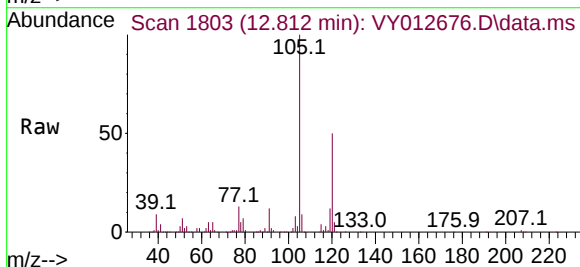
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

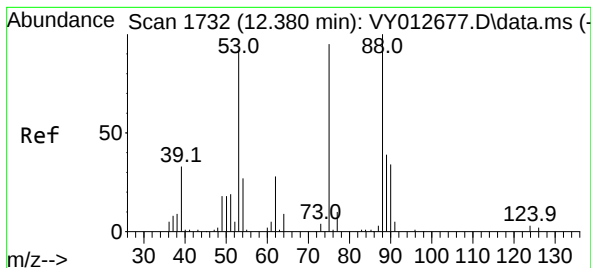
Tgt Ion: 91 Resp: 82360
Ion Ratio Lower Upper
91 100
126 33.8 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 19.994 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

Tgt Ion: 105 Resp: 99310
Ion Ratio Lower Upper
105 100
120 48.7 24.7 74.1

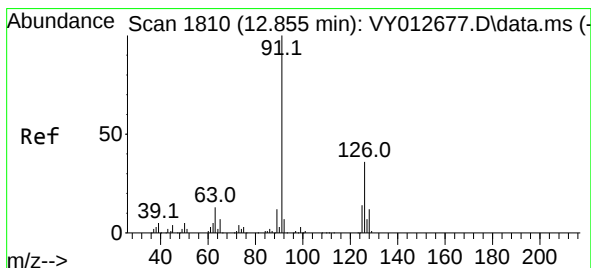
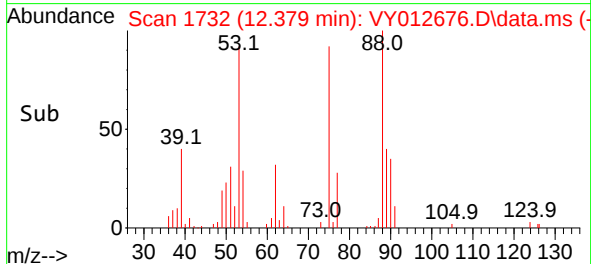
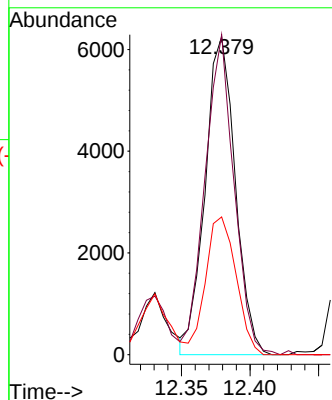
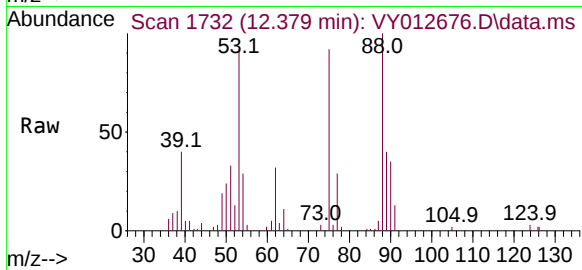




#81
trans-1,4-Dichloro-2-butene
Concen: 20.198 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

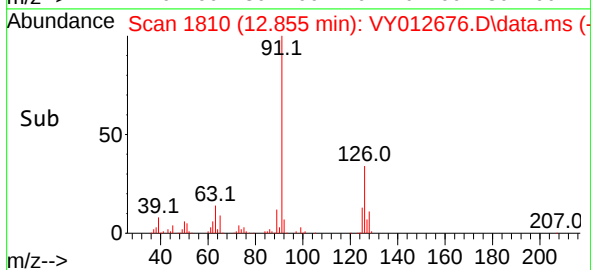
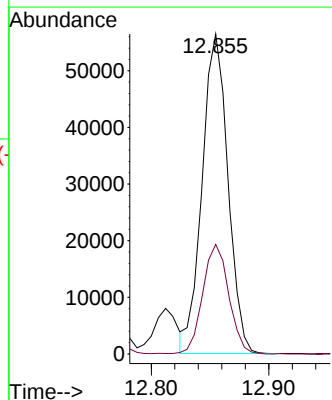
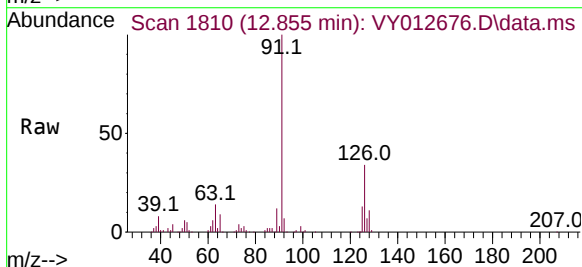
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

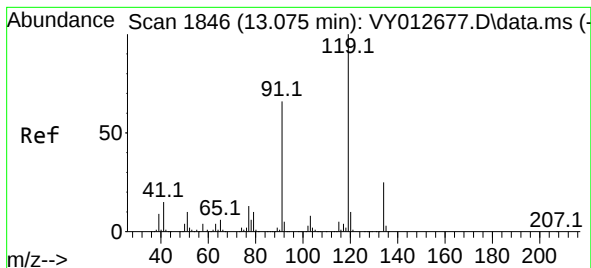
Tgt Ion:	75	Resp:	9564
Ion	Ratio	Lower	Upper
75	100		
53	96.6	80.4	120.6
89	43.5	36.5	54.7



#82
4-Chlorotoluene
Concen: 20.081 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012676.D
Acq: 21 Feb 2023 16:01

Tgt Ion:	91	Resp:	86059
Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.2	51.5





#83

tert-Butylbenzene

Concen: 19.940 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY012676.D

Acq: 21 Feb 2023 16:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

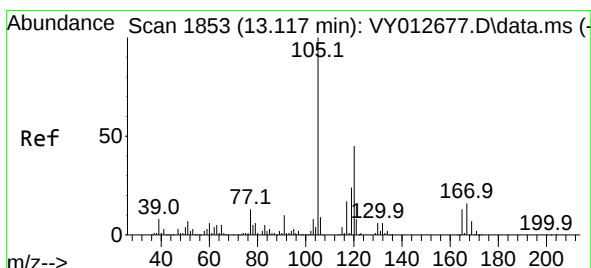
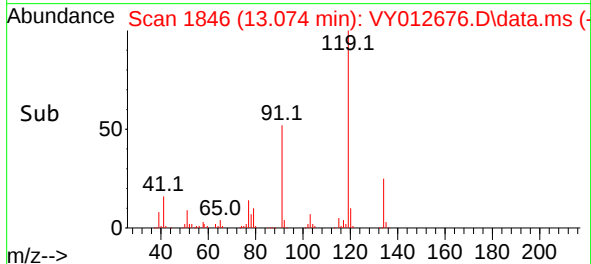
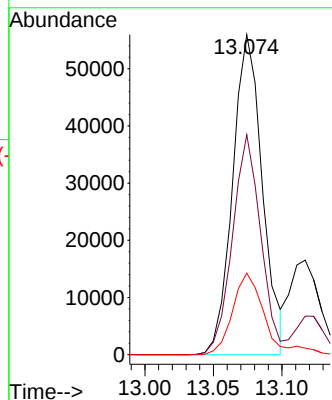
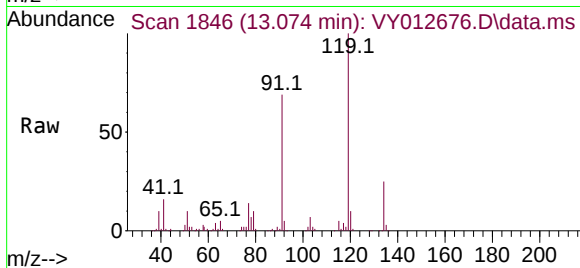
Tgt Ion:119 Resp: 84575

Ion Ratio Lower Upper

119 100

91 65.2 32.4 97.2

134 27.5 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 20.376 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY012676.D

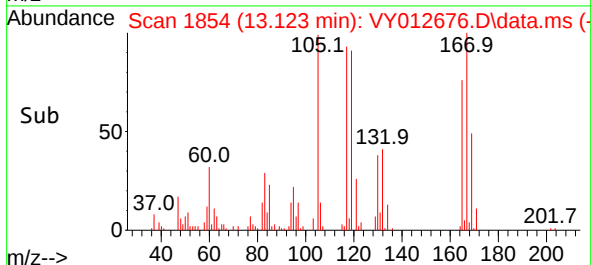
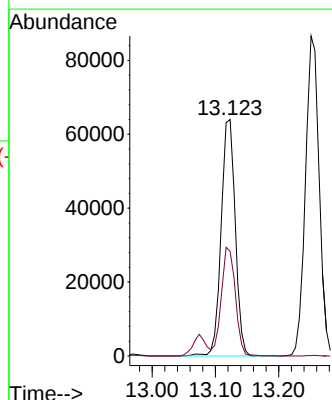
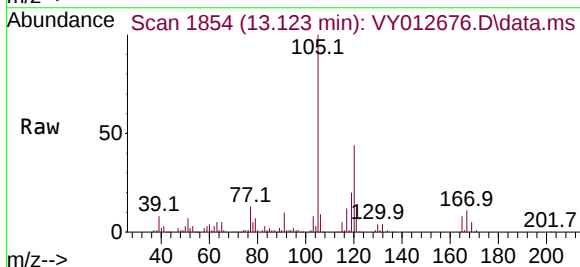
Acq: 21 Feb 2023 16:01

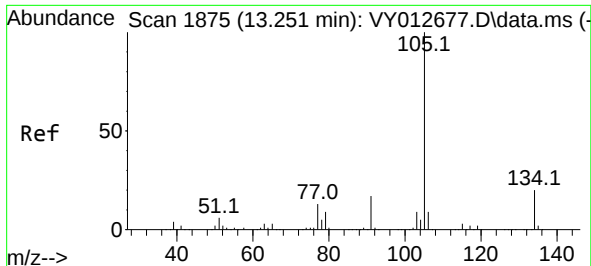
Tgt Ion:105 Resp: 98938

Ion Ratio Lower Upper

105 100

120 45.3 22.7 68.0

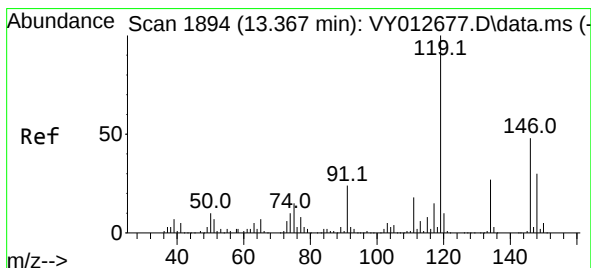
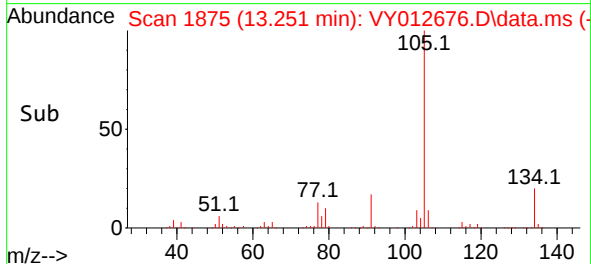
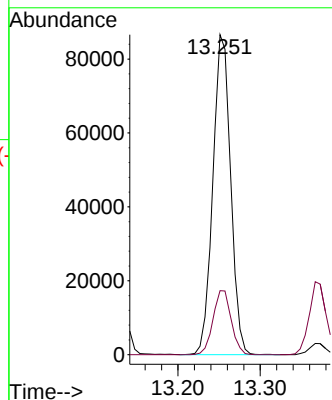
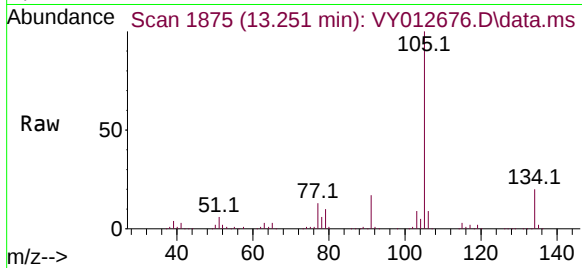




#85
 sec-Butylbenzene
 Concen: 20.134 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY012676.D
 Acq: 21 Feb 2023 16:01

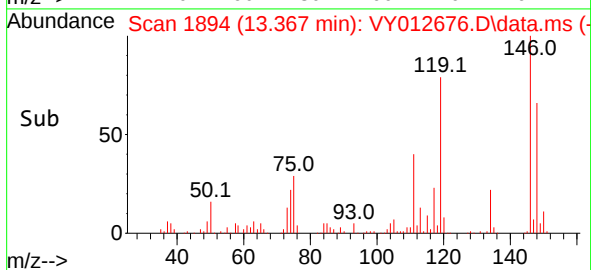
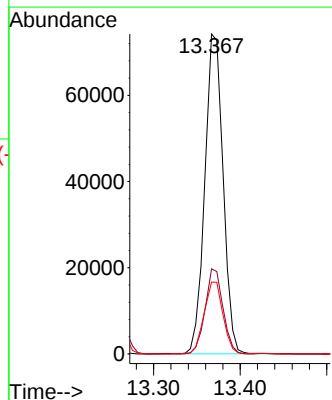
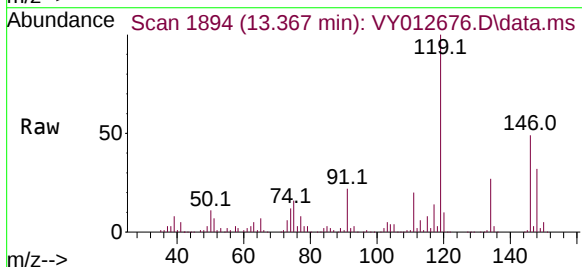
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

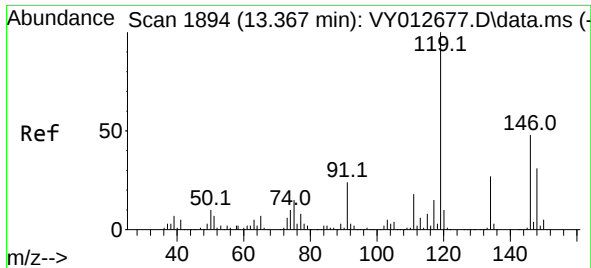
Tgt Ion:105 Resp: 129929
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 20.453 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY012676.D
 Acq: 21 Feb 2023 16:01

Tgt Ion:119 Resp: 108700
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.3 39.9
 91 23.4 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 19.917 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012676.D

Acq: 21 Feb 2023 16:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

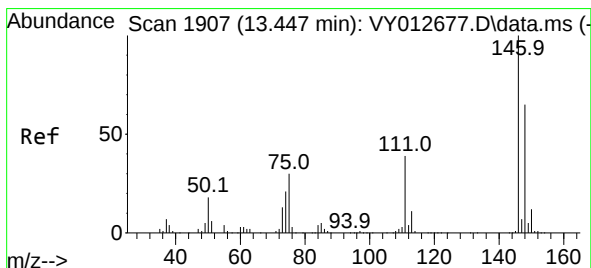
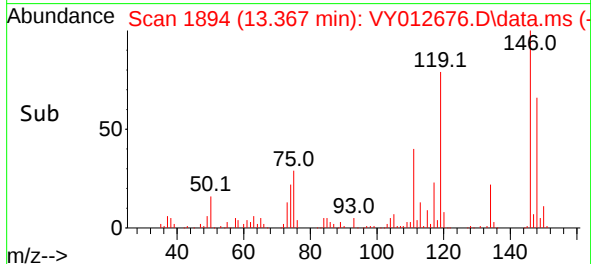
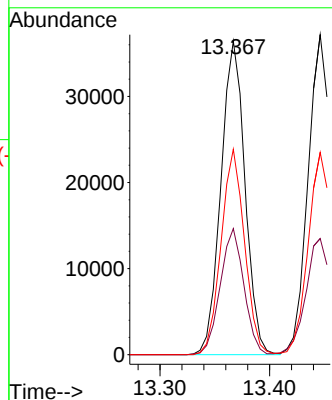
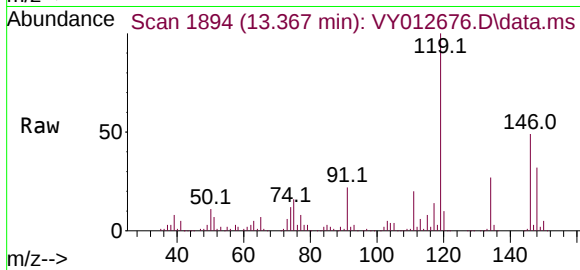
Tgt Ion:146 Resp: 55583

Ion Ratio Lower Upper

146 100

111 39.6 19.6 58.7

148 63.7 31.3 93.9



#88

1,4-Dichlorobenzene

Concen: 19.947 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY012676.D

Acq: 21 Feb 2023 16:01

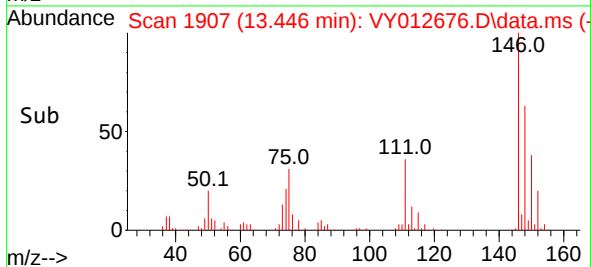
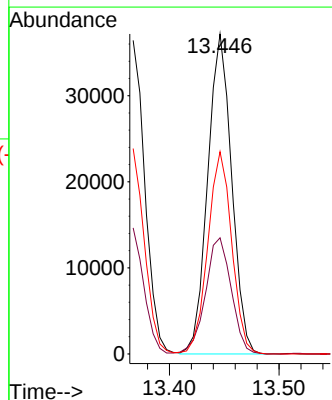
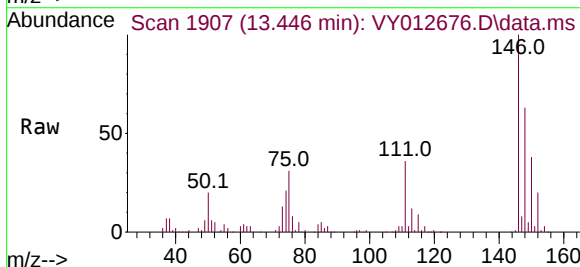
Tgt Ion:146 Resp: 56449

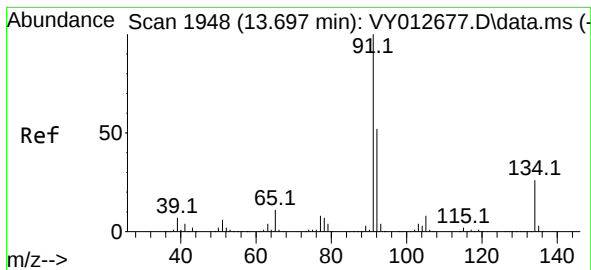
Ion Ratio Lower Upper

146 100

111 39.1 19.1 57.3

148 63.3 32.0 96.0





#89

n-Butylbenzene

Concen: 19.894 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012676.D

Acq: 21 Feb 2023 16:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

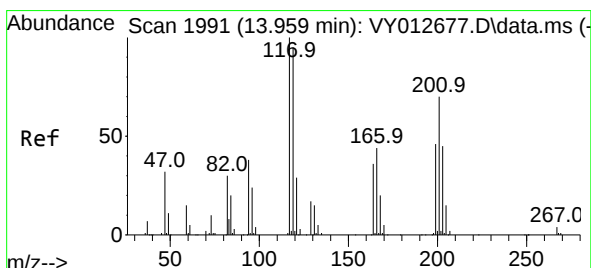
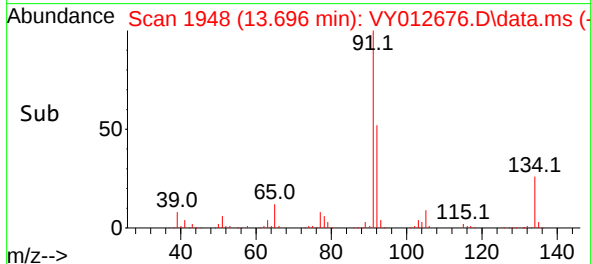
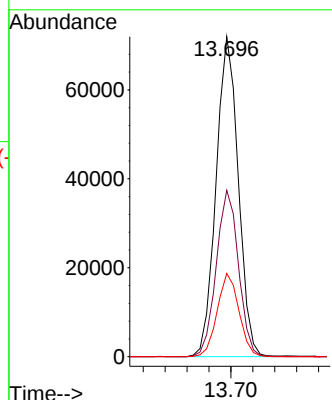
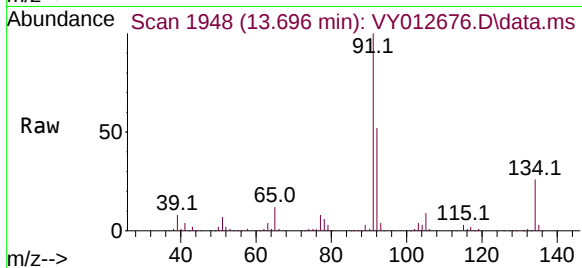
Tgt Ion: 91 Resp: 101258

Ion Ratio Lower Upper

91 100

92 52.1 26.3 78.8

134 25.5 13.0 38.9



#90

Hexachloroethane

Concen: 19.791 ug/l

RT: 13.964 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY012676.D

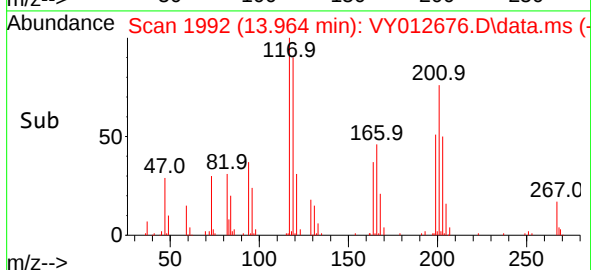
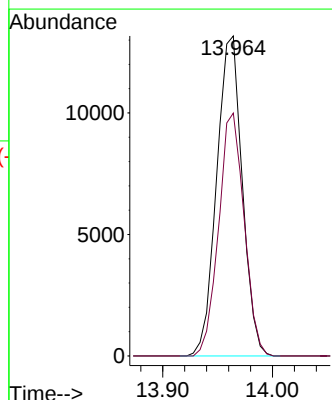
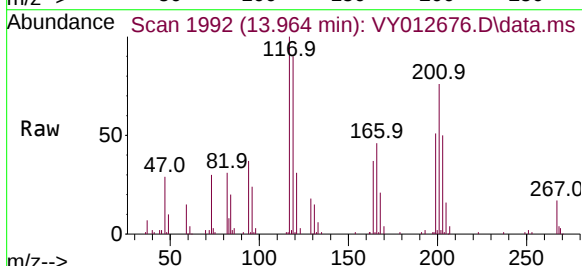
Acq: 21 Feb 2023 16:01

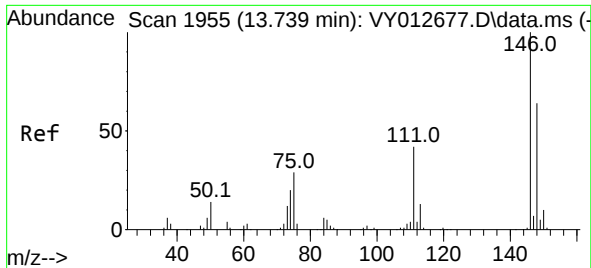
Tgt Ion: 117 Resp: 21346

Ion Ratio Lower Upper

117 100

201 75.6 38.3 114.8





#91

1,2-Dichlorobenzene

Concen: 19.940 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY012676.D

Acq: 21 Feb 2023 16:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

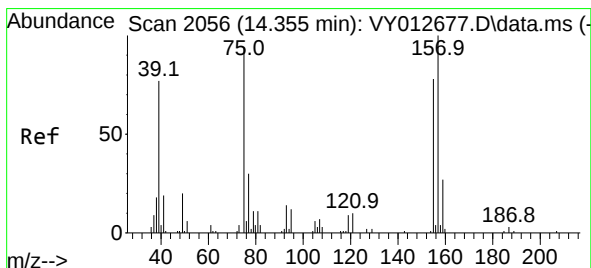
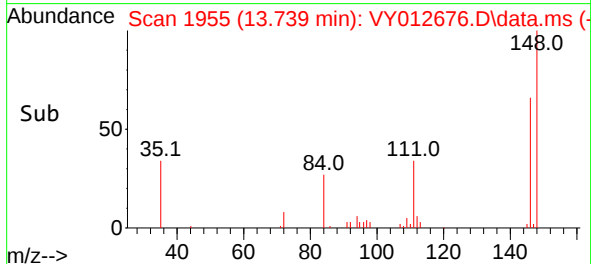
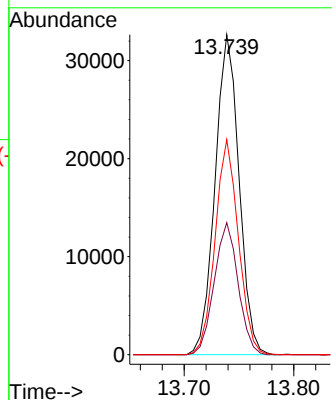
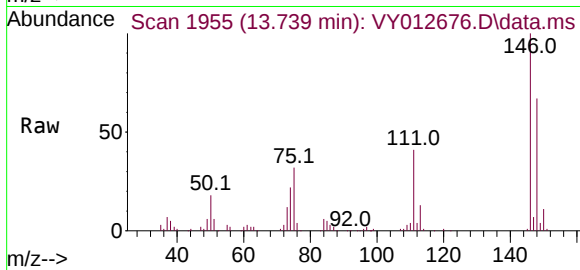
Tgt Ion:146 Resp: 49696

Ion Ratio Lower Upper

146 100

111 41.0 20.3 60.8

148 65.2 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.016 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY012676.D

Acq: 21 Feb 2023 16:01

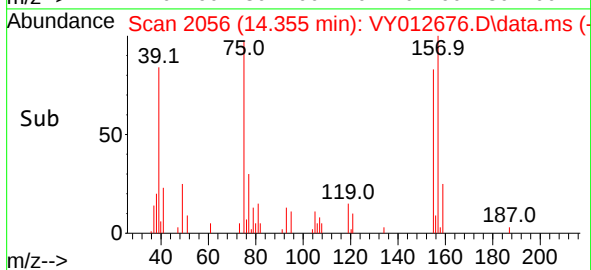
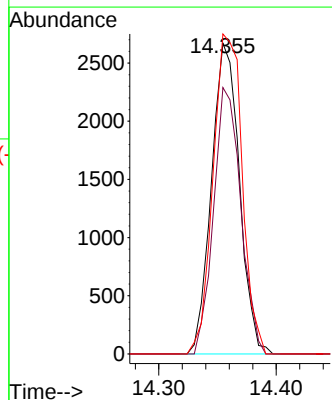
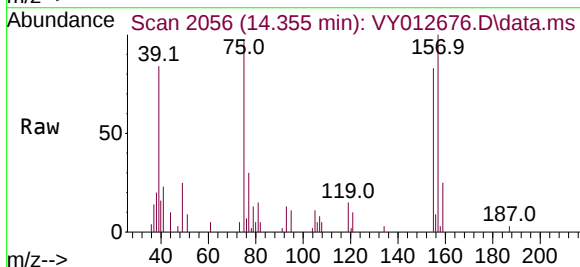
Tgt Ion: 75 Resp: 4399

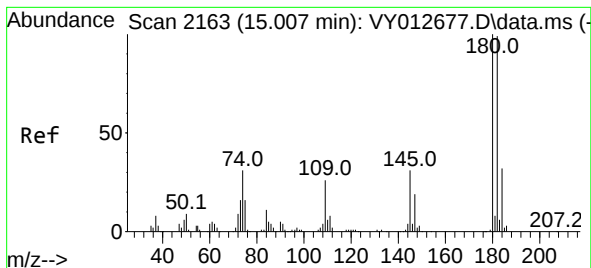
Ion Ratio Lower Upper

75 100

155 83.7 43.6 130.8

157 107.5 55.0 165.2





#93

1,2,4-Trichlorobenzene

Concen: 19.367 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012676.D

Acq: 21 Feb 2023 16:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

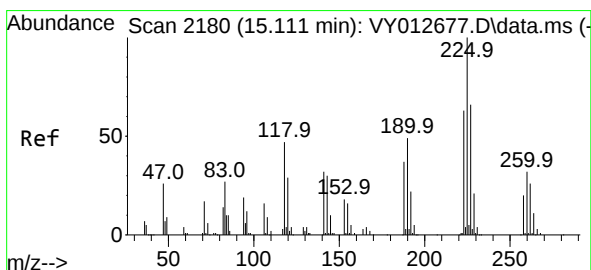
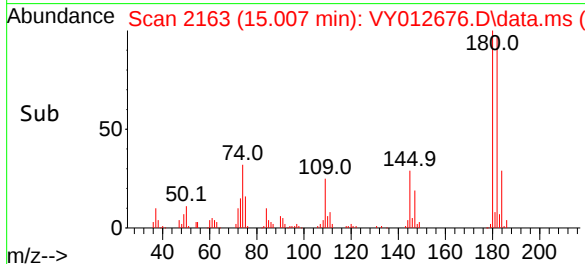
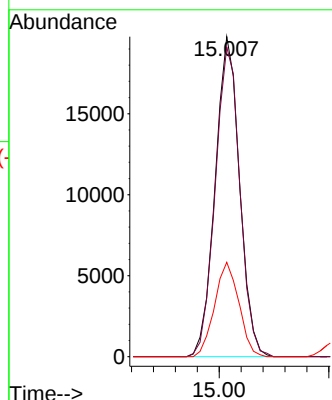
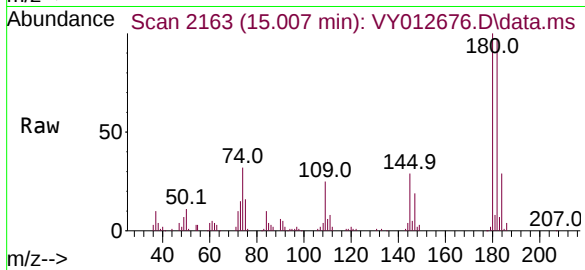
Tgt Ion:180 Resp: 30527

Ion Ratio Lower Upper

180 100

182 97.9 48.0 144.2

145 29.3 15.0 45.0



#94

Hexachlorobutadiene

Concen: 19.847 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012676.D

Acq: 21 Feb 2023 16:01

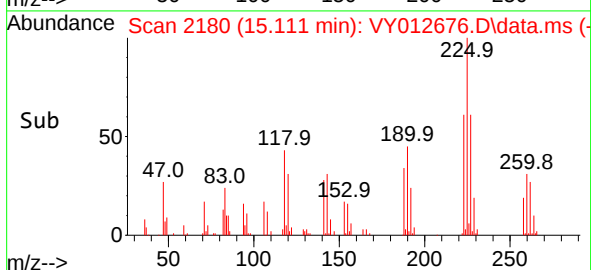
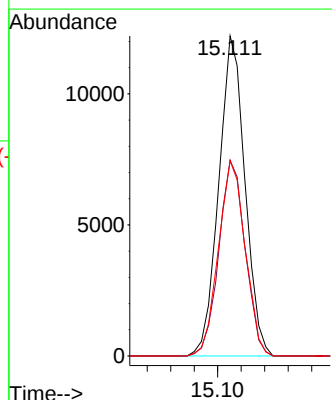
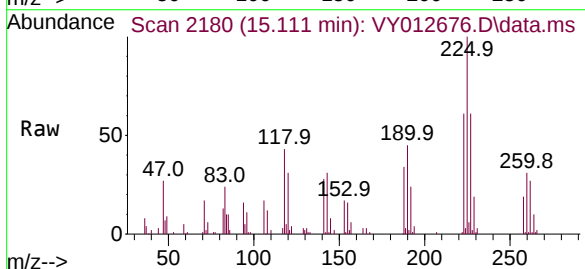
Tgt Ion:225 Resp: 18881

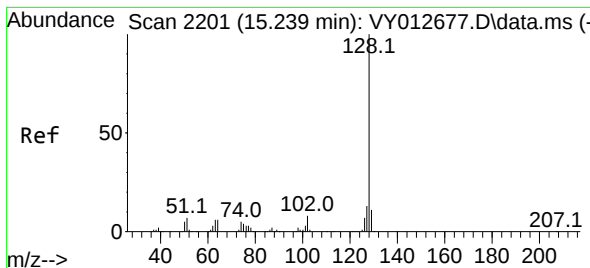
Ion Ratio Lower Upper

225 100

223 61.4 31.7 95.1

227 62.3 32.3 96.8





#95

Naphthalene

Concen: 19.388 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY012676.D

Acq: 21 Feb 2023 16:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

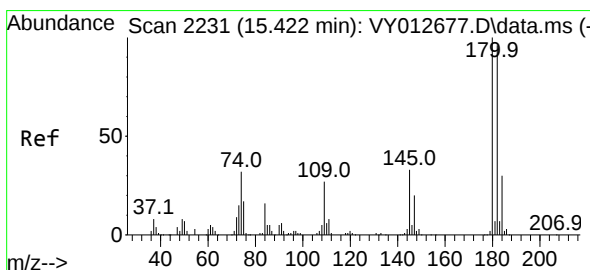
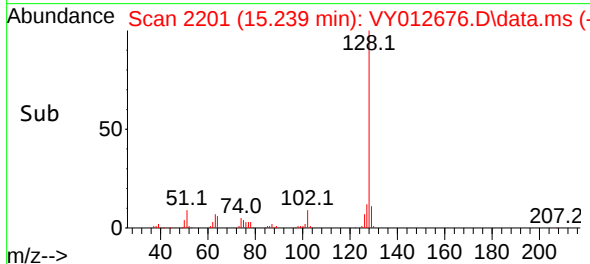
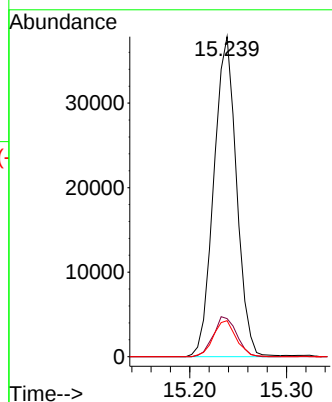
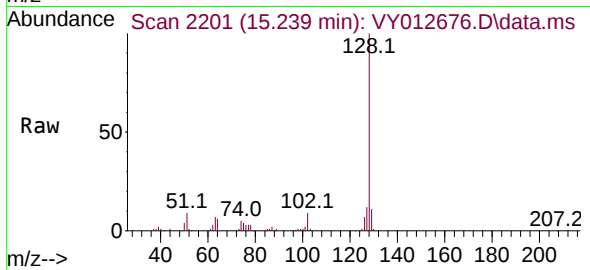
Tgt Ion:128 Resp: 61752

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.4 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 19.991 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY012676.D

Acq: 21 Feb 2023 16:01

Tgt Ion:180 Resp: 27892

Ion Ratio Lower Upper

180 100

182 94.5 48.5 145.6

145 31.1 16.1 48.2

