

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052323\
 Data File : VY013829.D
 Acq On : 23 May 2023 11:45
 Operator : KP/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: May 24 05:03:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:01:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	260041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	398563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	353618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	175791	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	31890	10.600	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	21.200%#
35) Dibromofluoromethane	7.722	113	26322	10.226	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.460%#
50) Toluene-d8	10.179	98	102659	10.494	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	20.980%#
62) 4-Bromofluorobenzene	12.483	95	34416	10.584	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	21.160%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.912	85	20539	8.623	ug/l	93
3) Chloromethane	2.119	50	25049	8.632	ug/l	91
4) Vinyl Chloride	2.253	62	25496	8.592	ug/l	99
5) Bromomethane	2.656	94	20321	8.617	ug/l	96
6) Chloroethane	2.802	64	16499	8.532	ug/l	93
7) Trichlorofluoromethane	3.137	101	46457	9.302	ug/l	95
8) Diethyl Ether	3.534	74	14213	9.278	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	25164	9.294	ug/l	97
10) Methyl Iodide	4.094	142	25542	7.946	ug/l #	93
11) Tert butyl alcohol	4.984	59	10248	44.468	ug/l #	84
12) 1,1-Dichloroethene	3.881	96	22732	8.937	ug/l	95
13) Acrolein	3.741	56	17973	51.845	ug/l	93
14) Allyl chloride	4.491	41	39306	8.464	ug/l	99
15) Acrylonitrile	5.180	53	35190	44.802	ug/l	98
16) Acetone	3.960	43	41101	46.031	ug/l	89
17) Carbon Disulfide	4.204	76	58568	7.714	ug/l	98
18) Methyl Acetate	4.491	43	28127	9.080	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	61507	8.861	ug/l	99
20) Methylene Chloride	4.722	84	39325	10.410	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	23913	8.648	ug/l	83
22) Diisopropyl ether	6.131	45	79658	8.884	ug/l	99
23) Vinyl Acetate	6.070	43	219515	42.035	ug/l	99
24) 1,1-Dichloroethane	6.021	63	47069	8.992	ug/l	96
25) 2-Butanone	6.996	43	48586	44.593	ug/l	95
26) 2,2-Dichloropropane	6.984	77	43638	9.255	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	28027	9.023	ug/l	99
28) Bromochloromethane	7.338	49	15469	10.069	ug/l	93
29) Tetrahydrofuran	7.356	42	27742	42.647	ug/l	100
30) Chloroform	7.515	83	50330	9.484	ug/l	96
31) Cyclohexane	7.789	56	40627	8.790	ug/l #	87
32) 1,1,1-Trichloroethane	7.710	97	44583	9.209	ug/l	98
36) 1,1-Dichloropropene	7.923	75	33832	8.630	ug/l	98
37) Ethyl Acetate	7.082	43	20708	8.659	ug/l	100
38) Carbon Tetrachloride	7.905	117	41440	9.295	ug/l	98
39) Methylcyclohexane	9.185	83	38737	8.437	ug/l	93
40) Benzene	8.167	78	102571	9.109	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052323\
 Data File : VY013829.D
 Acq On : 23 May 2023 11:45
 Operator : KP/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: May 24 05:03:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:01:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	9414	7.215	ug/l #	88
42) 1,2-Dichloroethane	8.240	62	35158	9.536	ug/l	100
43) Isopropyl Acetate	8.277	43	38290	8.786	ug/l #	90
44) Trichloroethene	8.947	130	28293	9.326	ug/l	92
45) 1,2-Dichloropropane	9.215	63	26214	9.088	ug/l	92
46) Dibromomethane	9.307	93	15010	9.086	ug/l	98
47) Bromodichloromethane	9.496	83	37904	9.415	ug/l	98
48) Methyl methacrylate	9.295	41	16678	8.150	ug/l	92
49) 1,4-Dioxane	9.313	88	3109	160.129	ug/l #	93
51) 4-Methyl-2-Pentanone	10.075	43	102077	43.954	ug/l	99
52) Toluene	10.246	92	62987	9.174	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	37315	9.105	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	42296	9.213	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	20876	9.393	ug/l	97
56) Ethyl methacrylate	10.514	69	25826	8.705	ug/l	97
57) 1,3-Dichloropropane	10.794	76	35874	9.477	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	46863	49.504	ug/l	99
59) 2-Hexanone	10.831	43	73281	44.361	ug/l	97
60) Dibromochloromethane	10.990	129	27178	9.667	ug/l	98
61) 1,2-Dibromoethane	11.093	107	19644	9.291	ug/l	95
64) Tetrachloroethene	10.721	164	24632	9.414	ug/l	99
65) Chlorobenzene	11.520	112	70412	9.500	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	27277	9.536	ug/l	99
67) Ethyl Benzene	11.593	91	119645	8.971	ug/l	99
68) m/p-Xylenes	11.703	106	90843	17.998	ug/l	99
69) o-Xylene	12.032	106	42828	9.008	ug/l	98
70) Styrene	12.044	104	73337	9.106	ug/l	98
71) Bromoform	12.209	173	17747	9.493	ug/l #	98
73) Isopropylbenzene	12.331	105	115687	8.842	ug/l	100
74) N-amyl acetate	12.148	43	33786	8.589	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	25752	9.508	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	32285	15.575	ug/l #	100
77) Bromobenzene	12.611	156	30042	9.358	ug/l	96
78) n-propylbenzene	12.672	91	143044	8.850	ug/l	98
79) 2-Chlorotoluene	12.758	91	83151	9.210	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	98262	9.098	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	8062	8.443	ug/l	97
82) 4-Chlorotoluene	12.855	91	84841	9.091	ug/l	99
83) tert-Butylbenzene	13.075	119	84845	9.020	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	95775	9.034	ug/l	99
85) sec-Butylbenzene	13.251	105	129074	9.237	ug/l	99
86) p-Isopropyltoluene	13.373	119	105713	9.153	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	60250	9.717	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	59172	9.585	ug/l	97
89) n-Butylbenzene	13.696	91	99741	9.006	ug/l	98
90) Hexachloroethane	13.959	117	22705	9.575	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	53169	9.648	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3988	8.404	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	31548	9.235	ug/l	98
94) Hexachlorobutadiene	15.111	225	21358	9.915	ug/l	98
95) Naphthalene	15.239	128	53778	11.065	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	28113	9.254	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052323\
Data File : VY013829.D
Acq On : 23 May 2023 11:45
Operator : KP/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

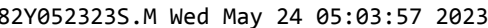
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

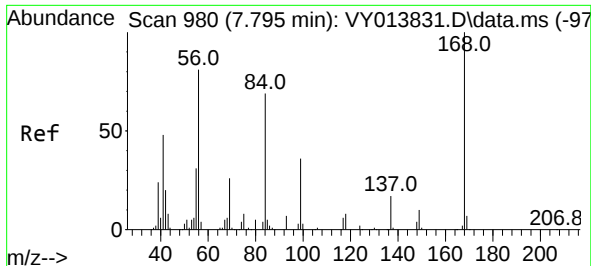
Quant Time: May 24 05:03:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:01:28 2023
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: May 24 05:03:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:01:28 2023
Response via : Initial Calibration

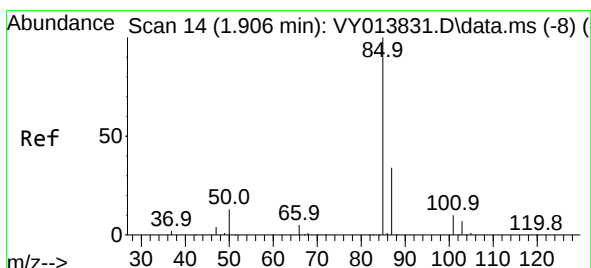
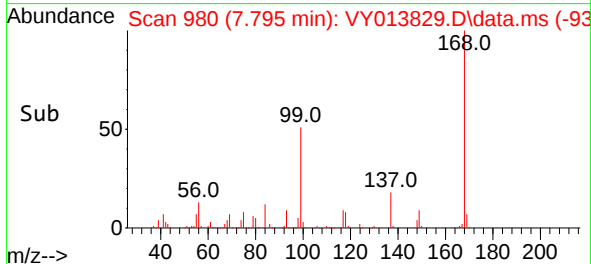
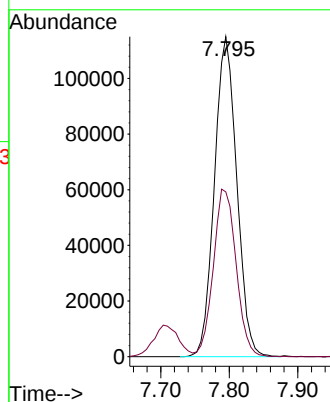
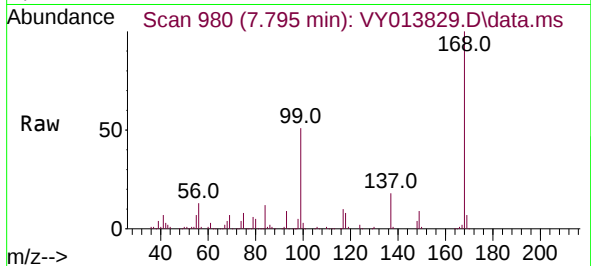




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

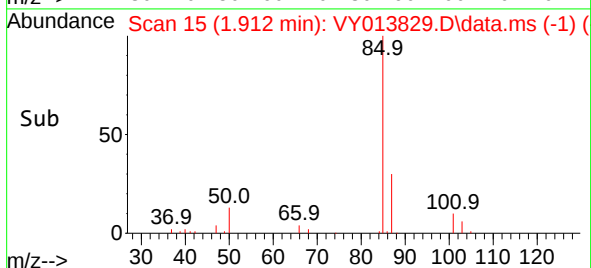
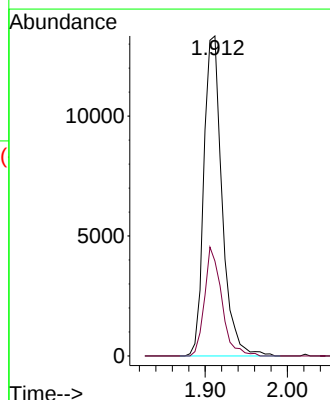
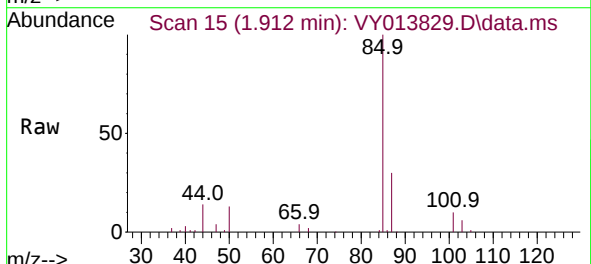
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

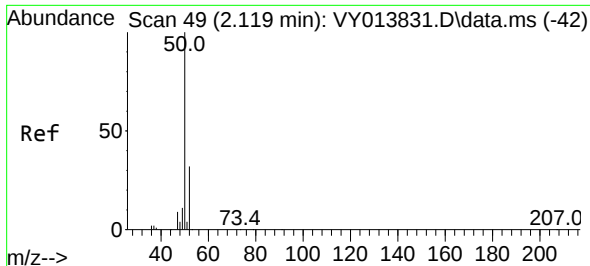
Tgt Ion:168 Resp: 260041
Ion Ratio Lower Upper
168 100
99 51.5 43.4 65.2



#2
Dichlorodifluoromethane
Concen: 8.623 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

Tgt Ion: 85 Resp: 20539
Ion Ratio Lower Upper
85 100
87 29.6 16.9 50.7

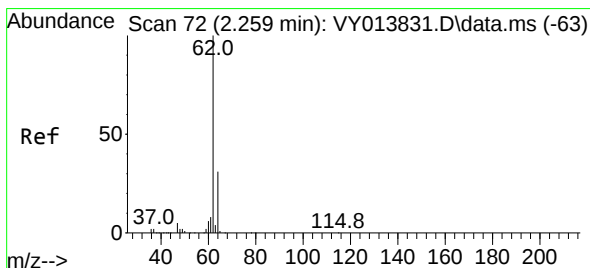
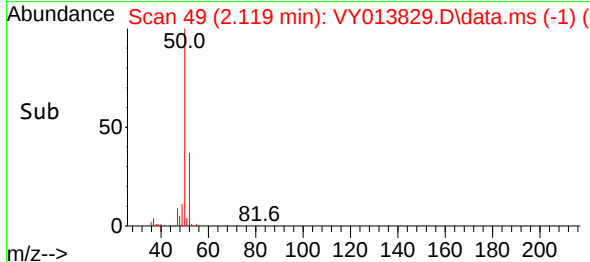
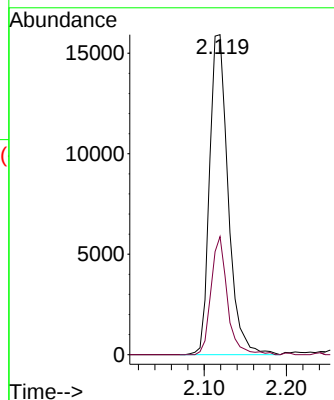
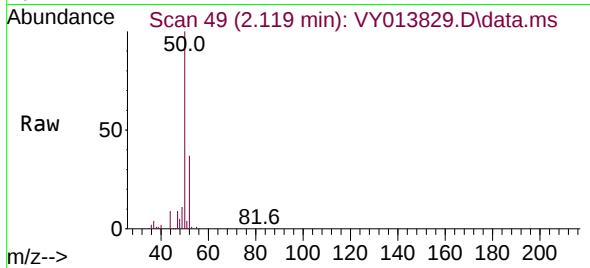




#3
Chloromethane
Concen: 8.632 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

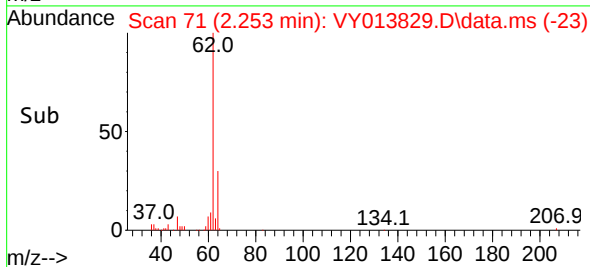
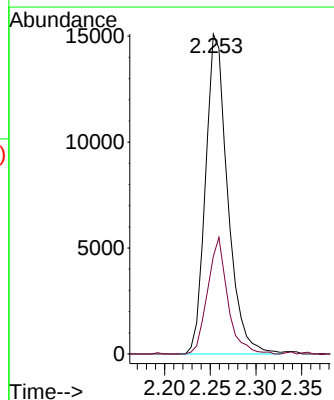
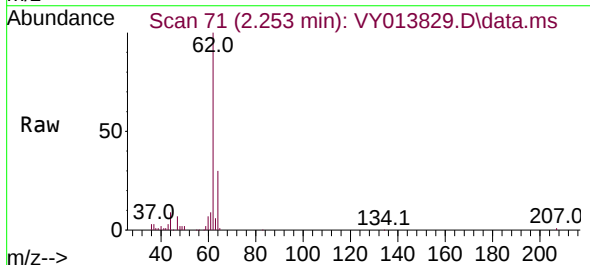
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

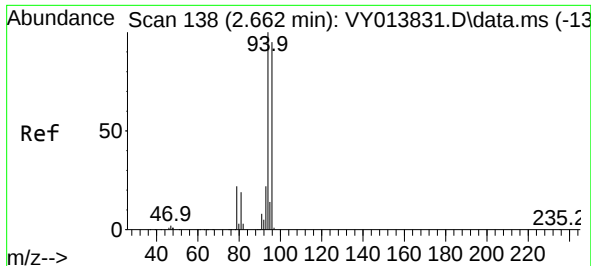
Tgt Ion: 50 Resp: 25049
Ion Ratio Lower Upper
50 100
52 36.9 25.7 38.5



#4
Vinyl Chloride
Concen: 8.592 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

Tgt Ion: 62 Resp: 25496
Ion Ratio Lower Upper
62 100
64 30.5 24.8 37.2

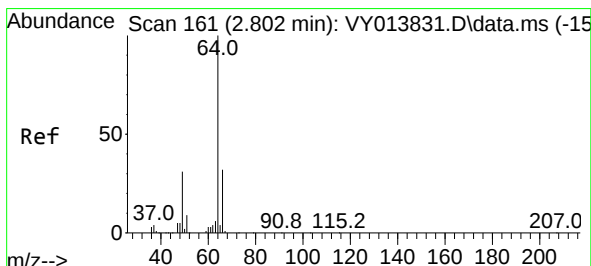
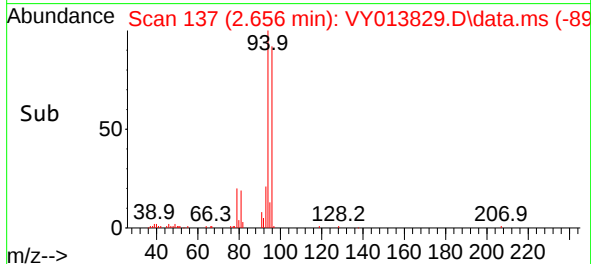
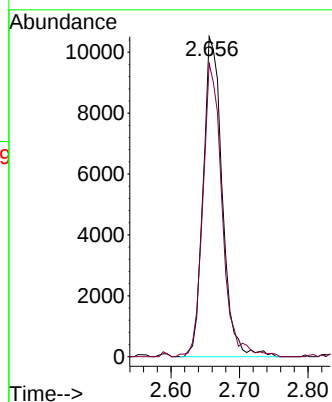
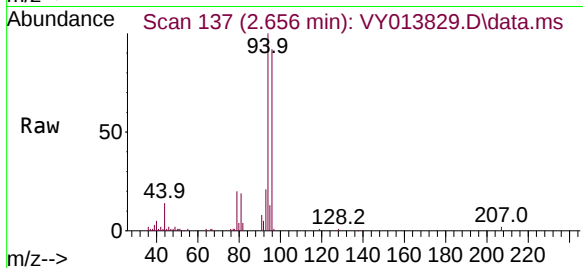




#5
Bromomethane
Concen: 8.617 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

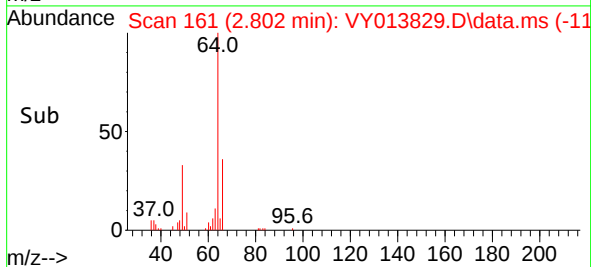
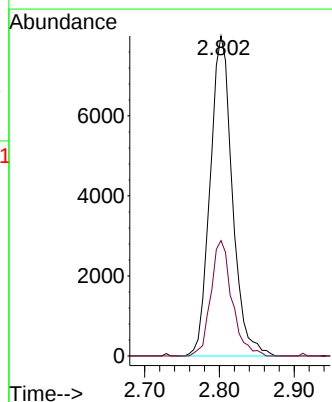
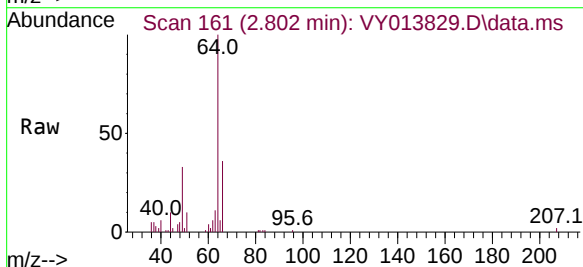
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

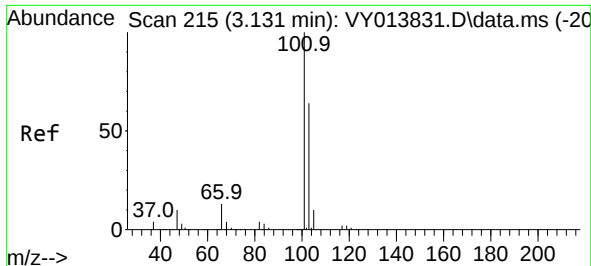
Tgt Ion: 94 Resp: 20321
Ion Ratio Lower Upper
94 100
96 91.7 76.2 114.2



#6
Chloroethane
Concen: 8.532 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

Tgt Ion: 64 Resp: 16499
Ion Ratio Lower Upper
64 100
66 36.0 25.7 38.5

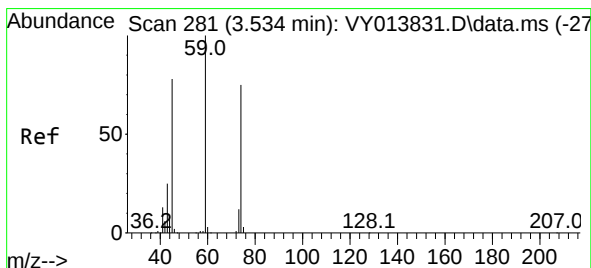
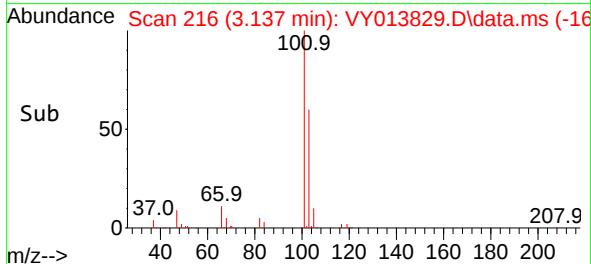
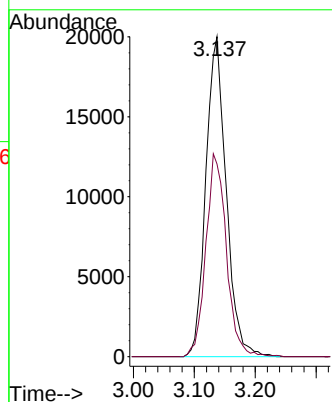
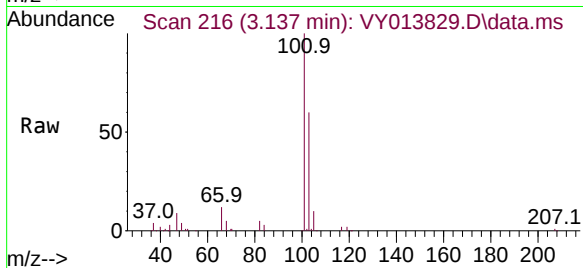




#7
Trichlorofluoromethane
Concen: 9.302 ug/l
RT: 3.137 min Scan# 215
Delta R.T. 0.006 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

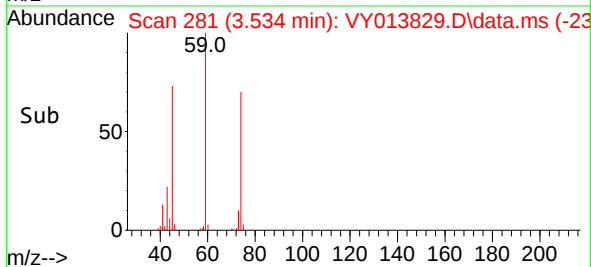
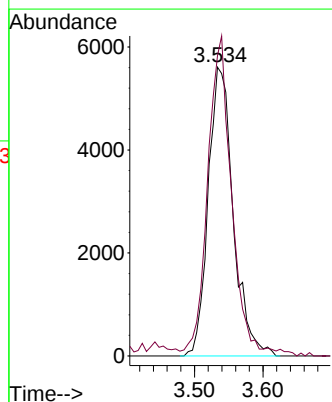
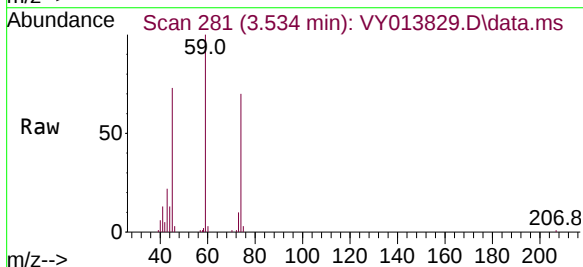
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

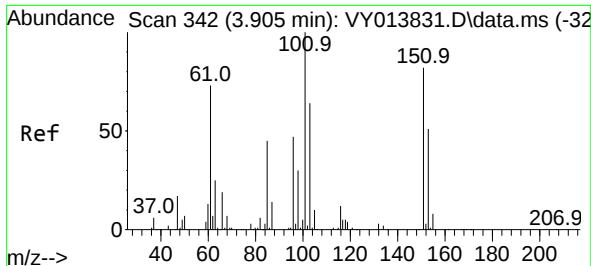
Tgt Ion:101 Resp: 46457
Ion Ratio Lower Upper
101 100
103 60.2 51.3 76.9



#8
Diethyl Ether
Concen: 9.278 ug/l
RT: 3.534 min Scan# 281
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

Tgt Ion: 74 Resp: 14213
Ion Ratio Lower Upper
74 100
45 106.8 51.8 155.5

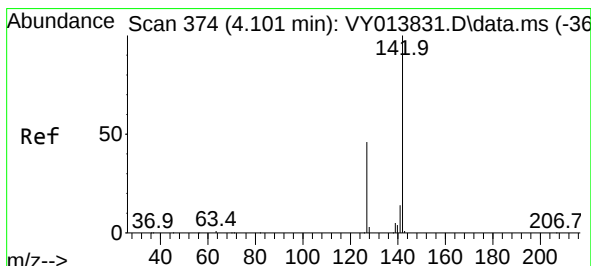
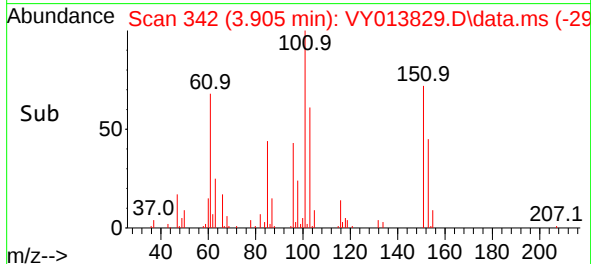
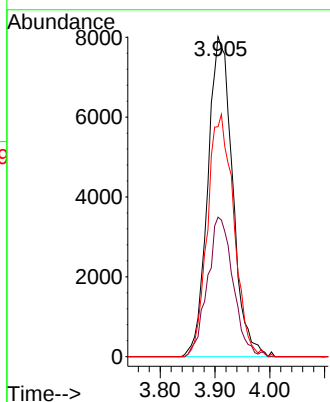
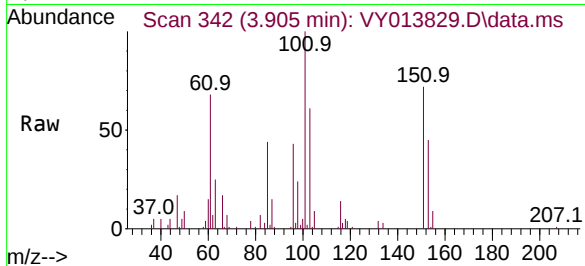




#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.294 ug/l
RT: 3.905 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

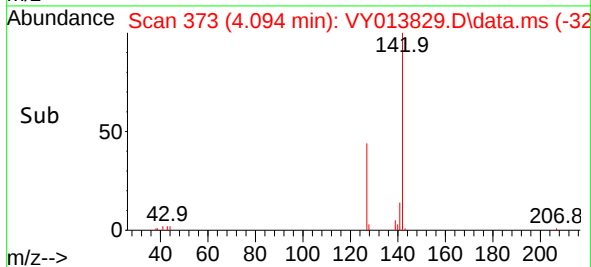
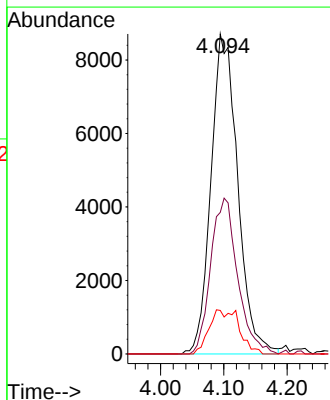
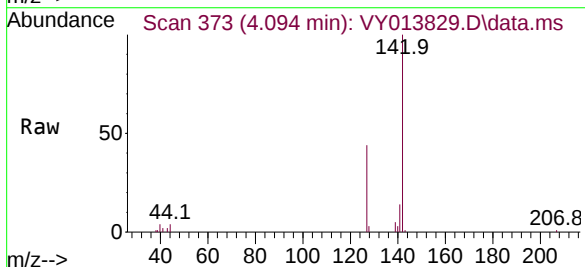
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

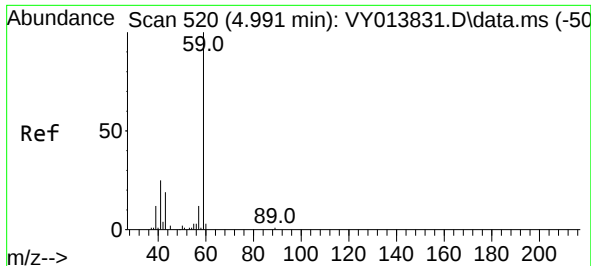
Tgt Ion:101 Resp: 25164
Ion Ratio Lower Upper
101 100
85 45.2 37.4 56.2
151 80.2 66.6 100.0



#10
Methyl Iodide
Concen: 7.946 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

Tgt Ion:142 Resp: 25542
Ion Ratio Lower Upper
142 100
127 49.0 37.0 55.4
141 8.2 11.8 17.6#





#11

Tert butyl alcohol

Concen: 44.468 ug/l

RT: 4.984 min Scan# 519

Delta R.T. -0.006 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

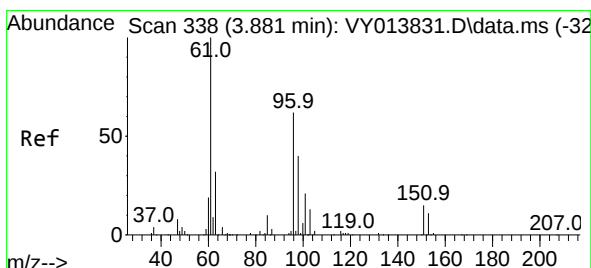
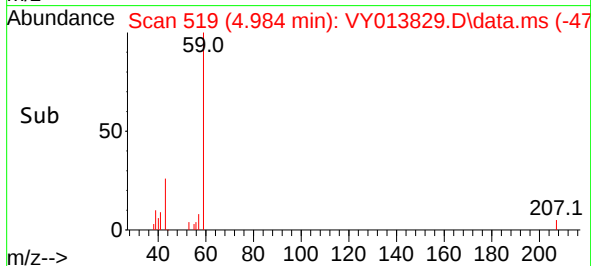
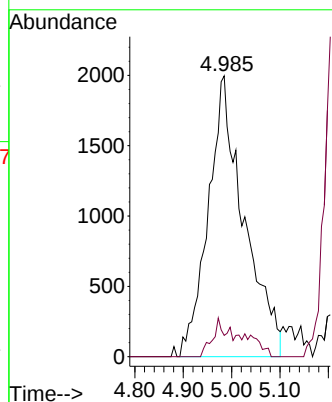
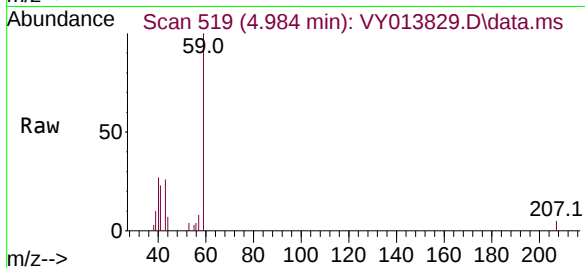
VSTDIC010

Tgt Ion: 59 Resp: 10248

Ion Ratio Lower Upper

59 100

57 4.0 8.1 12.1#



#12

1,1-Dichloroethene

Concen: 8.937 ug/l

RT: 3.881 min Scan# 338

Delta R.T. 0.000 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

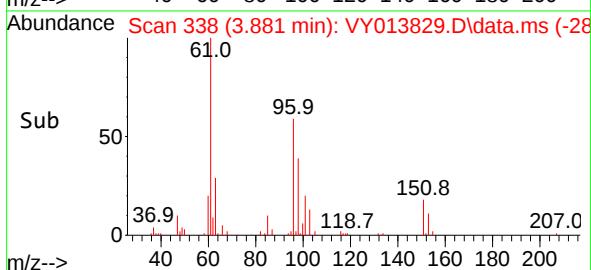
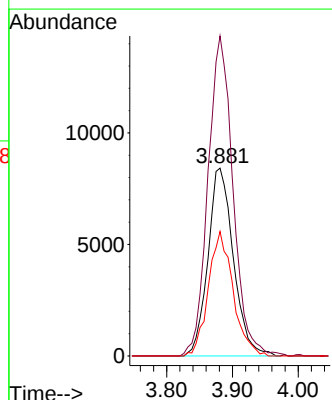
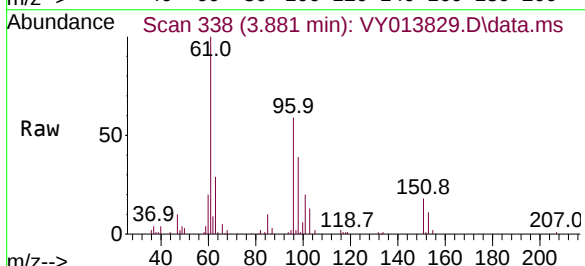
Tgt Ion: 96 Resp: 22732

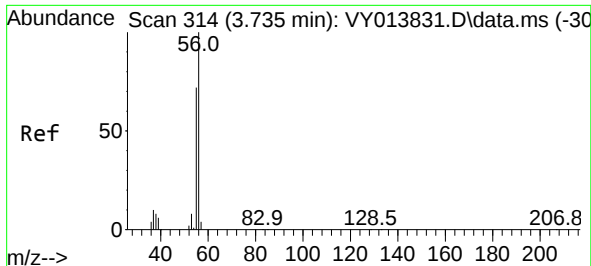
Ion Ratio Lower Upper

96 100

61 170.4 129.0 193.4

98 66.2 52.0 78.0

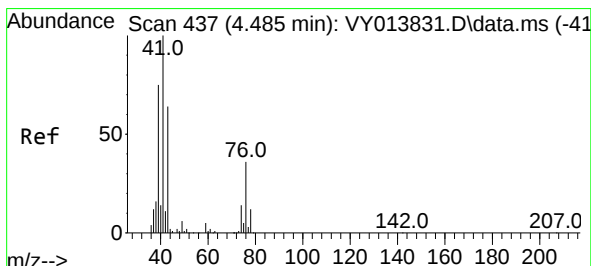
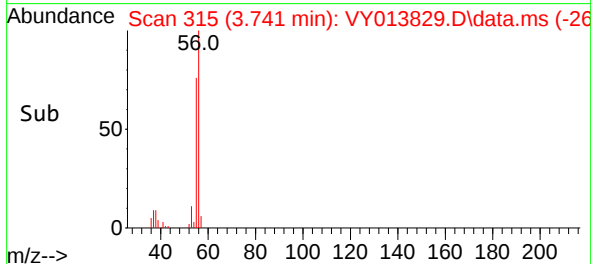
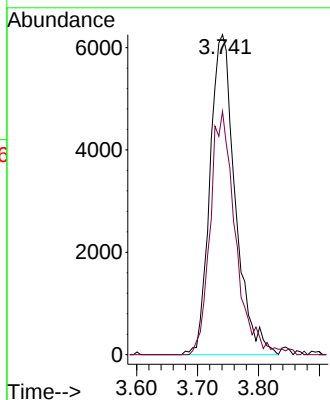
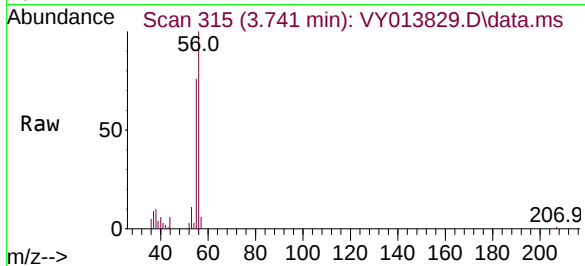




#13
Acrolein
Concen: 51.845 ug/l
RT: 3.741 min Scan# 314
Delta R.T. 0.006 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

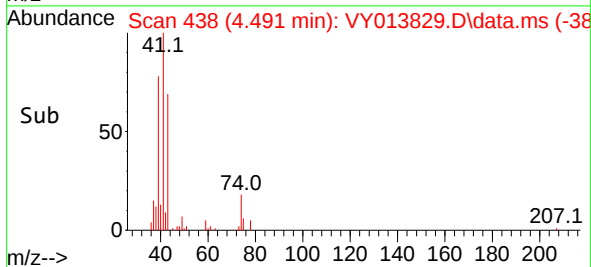
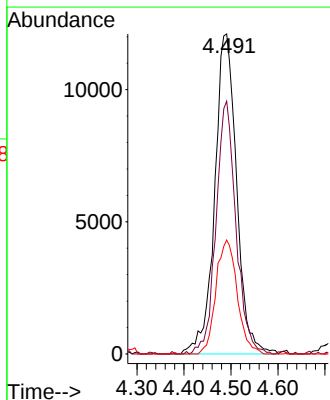
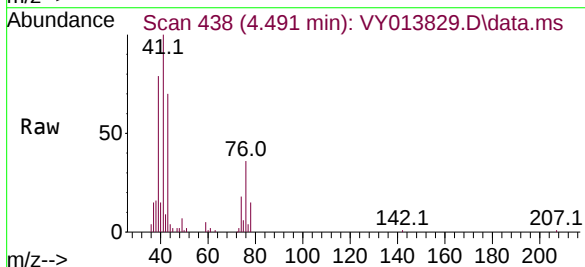
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

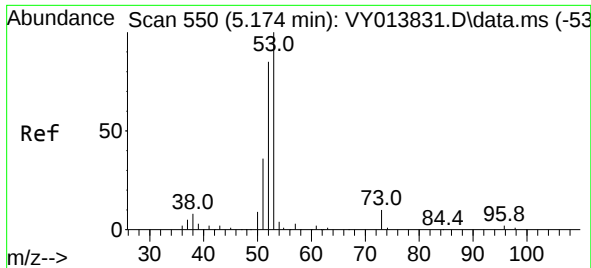
Tgt Ion: 56 Resp: 17973
Ion Ratio Lower Upper
56 100
55 76.3 56.2 84.2



#14
Allyl chloride
Concen: 8.464 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

Tgt Ion: 41 Resp: 39306
Ion Ratio Lower Upper
41 100
39 72.1 58.3 87.5
76 34.6 28.0 42.0

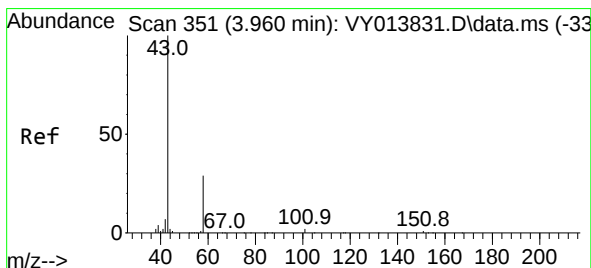
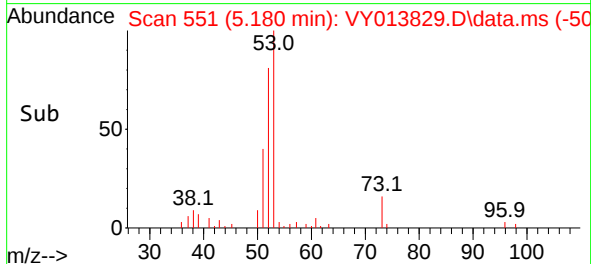
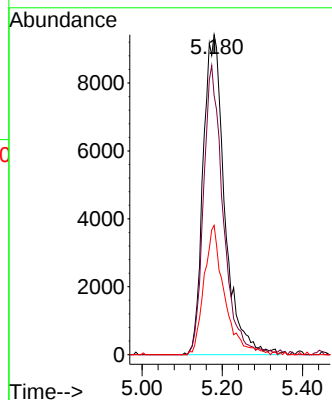
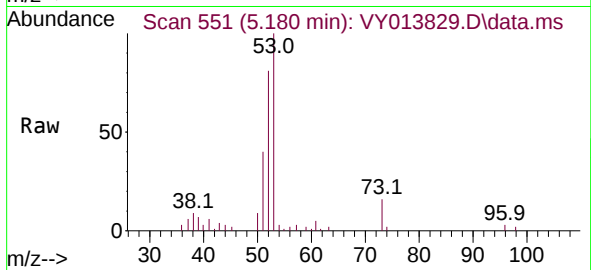




#15
Acrylonitrile
Concen: 44.802 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

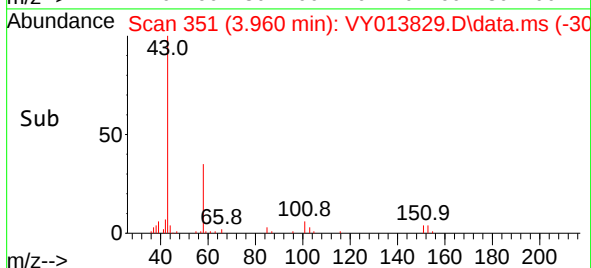
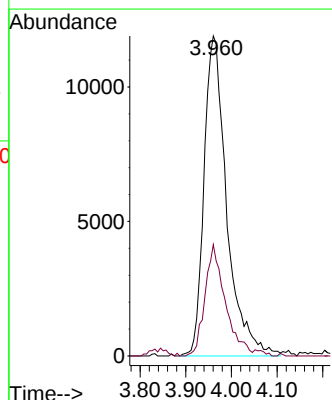
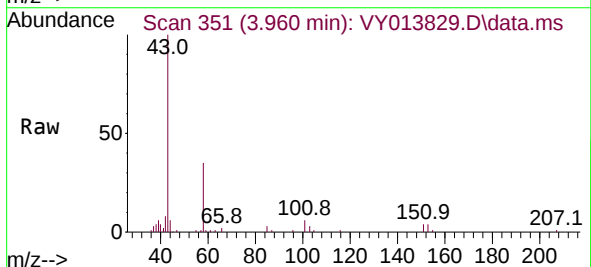
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

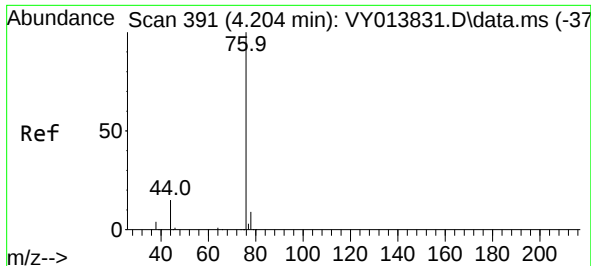
Tgt Ion: 53 Resp: 35190
Ion Ratio Lower Upper
53 100
52 81.3 67.2 100.8
51 38.3 30.2 45.2



#16
Acetone
Concen: 46.031 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

Tgt Ion: 43 Resp: 41101
Ion Ratio Lower Upper
43 100
58 34.8 23.3 34.9

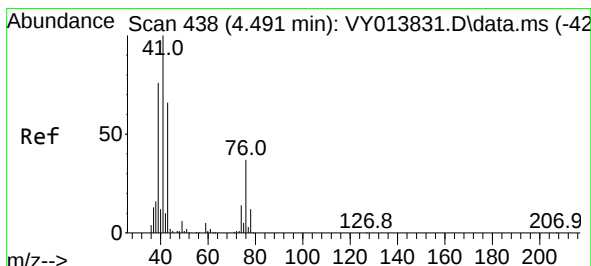
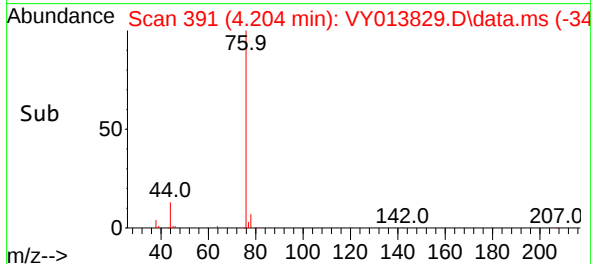
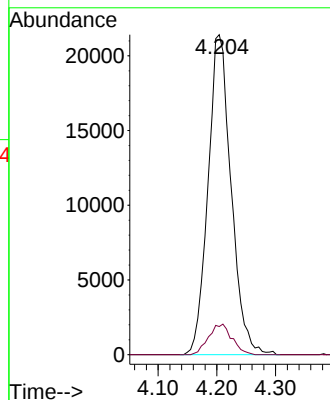
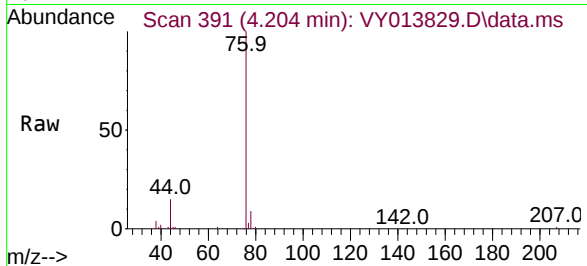




#17
Carbon Disulfide
Concen: 7.714 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

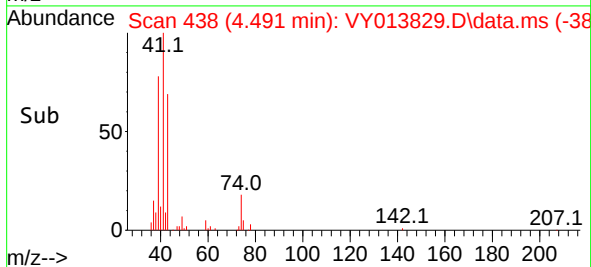
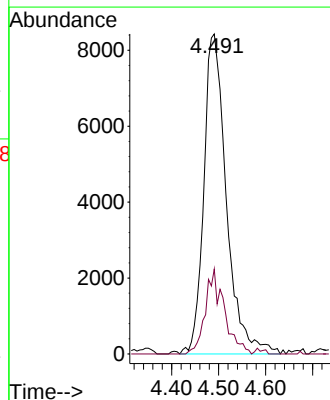
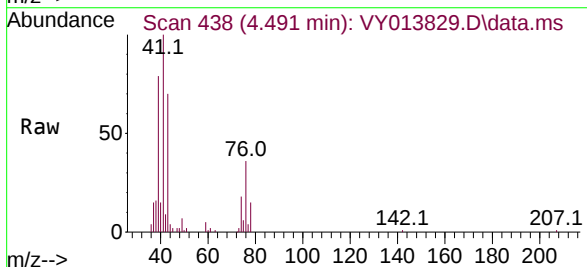
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

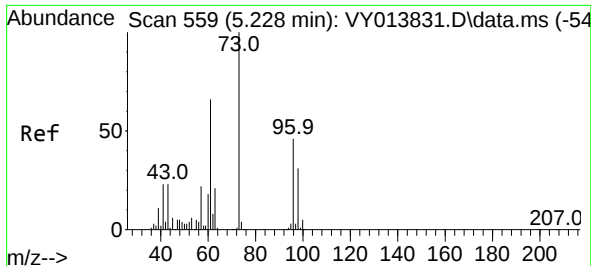
Tgt Ion: 76 Resp: 58568
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#18
Methyl Acetate
Concen: 9.080 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

Tgt Ion: 43 Resp: 28127
Ion Ratio Lower Upper
43 100
74 22.4 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 8.861 ug/l

RT: 5.234 min Scan# 5

Delta R.T. 0.006 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

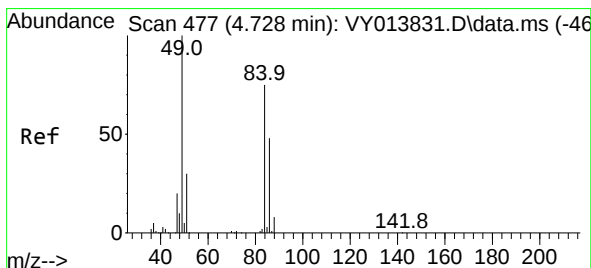
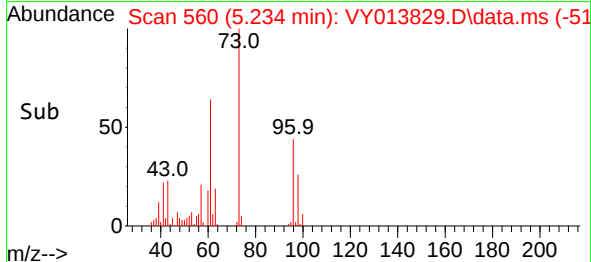
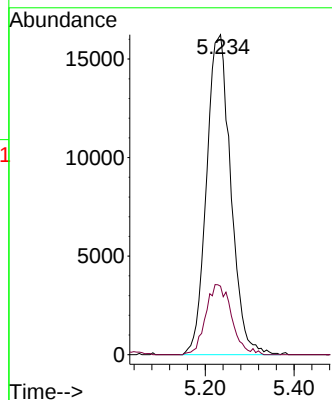
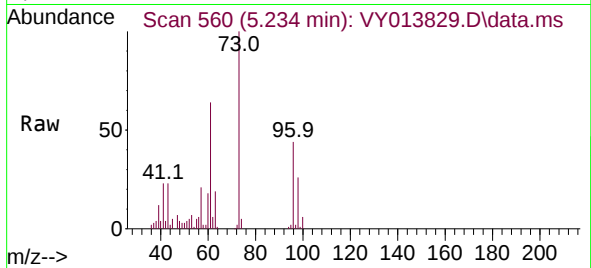
VSTDIC010

Tgt Ion: 73 Resp: 61507

Ion Ratio Lower Upper

73 100

57 21.4 17.4 26.2



#20

Methylene Chloride

Concen: 10.410 ug/l

RT: 4.722 min Scan# 476

Delta R.T. -0.006 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

Tgt Ion: 84 Resp: 39325

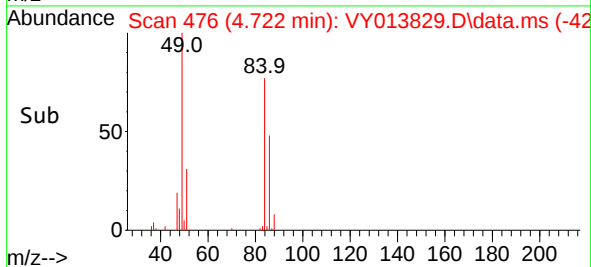
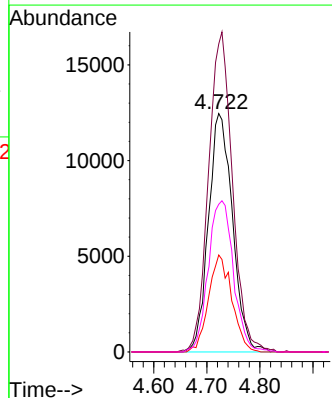
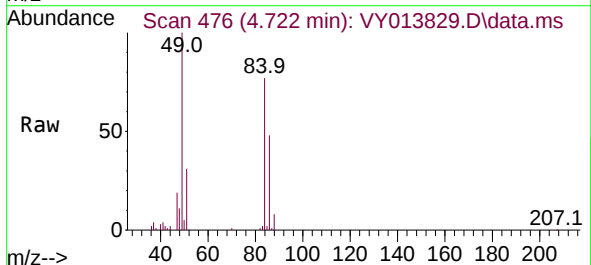
Ion Ratio Lower Upper

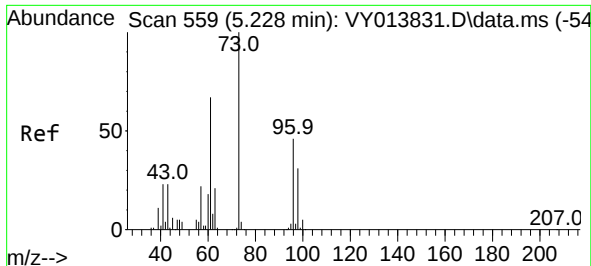
84 100

49 129.2 106.2 159.2

51 40.6 31.4 47.0

86 61.9 50.6 75.8

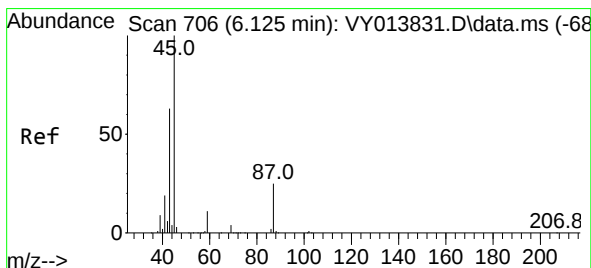
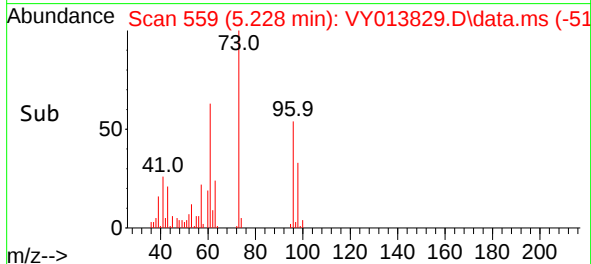
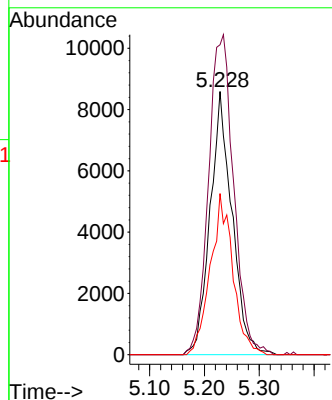
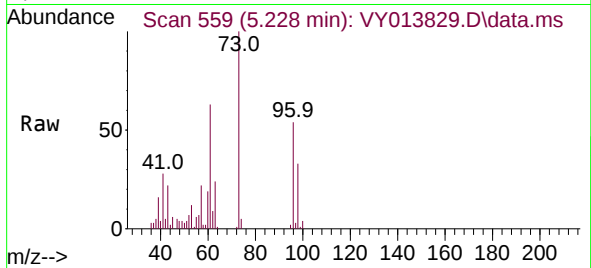




#21
trans-1,2-Dichloroethene
Concen: 8.648 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

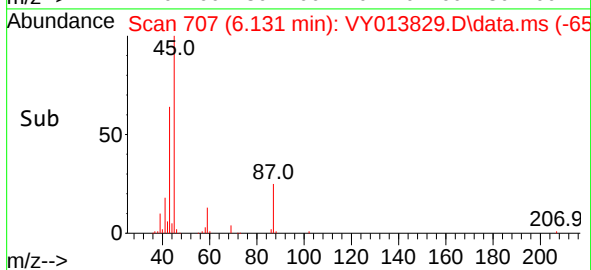
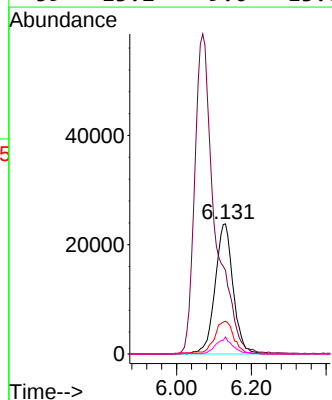
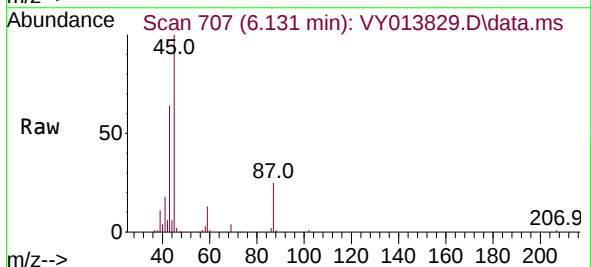
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

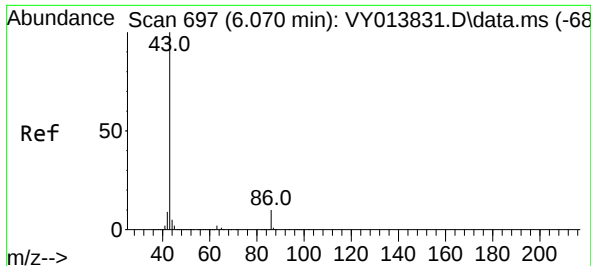
Tgt Ion: 96 Resp: 23913
Ion Ratio Lower Upper
96 100
61 117.7 115.5 173.3
98 61.2 53.7 80.5



#22
Diisopropyl ether
Concen: 8.884 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

Tgt Ion: 45 Resp: 79658
Ion Ratio Lower Upper
45 100
43 63.6 50.6 75.8
87 25.3 20.7 31.1
59 13.2 9.0 13.6

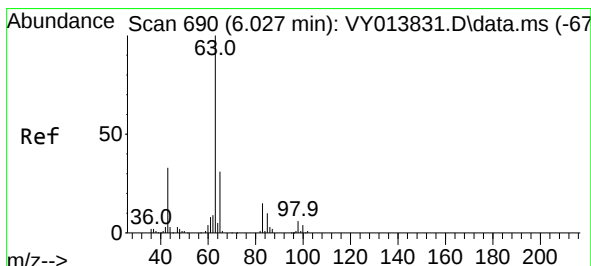
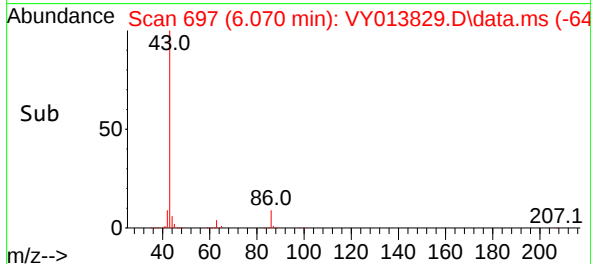
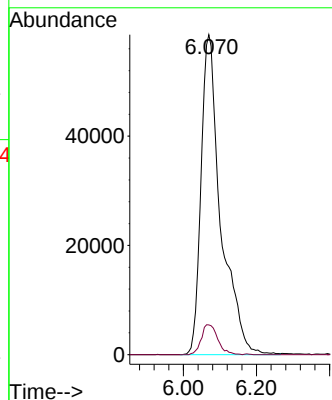
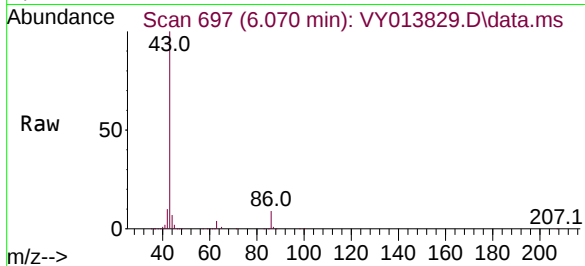




#23
 Vinyl Acetate
 Concen: 42.035 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY013829.D
 Acq: 23 May 2023 11:45

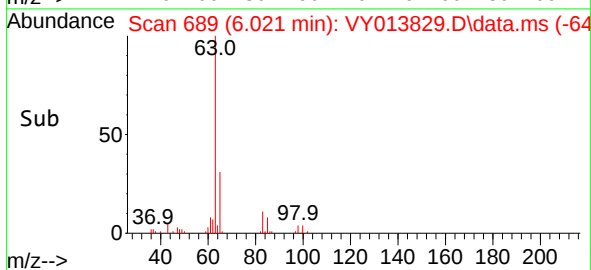
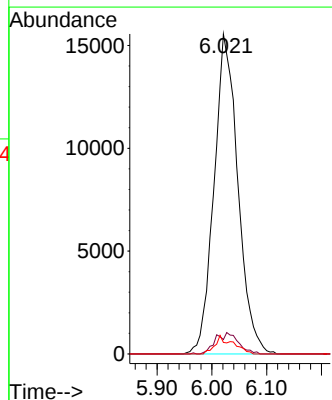
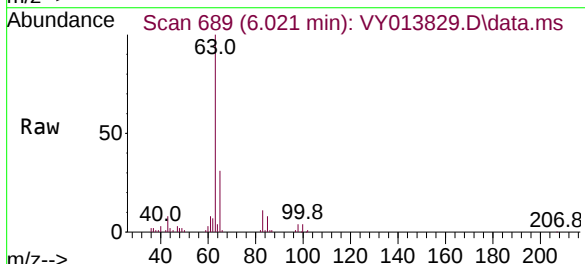
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

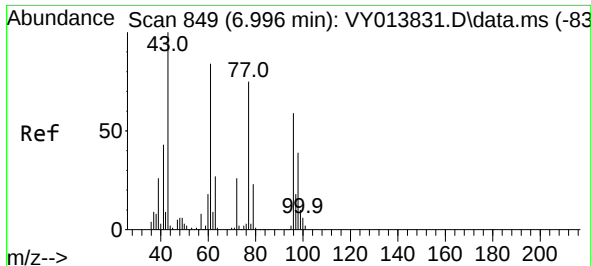
Tgt Ion: 43 Resp: 219515
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 8.992 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY013829.D
 Acq: 23 May 2023 11:45

Tgt Ion: 63 Resp: 47069
 Ion Ratio Lower Upper
 63 100
 98 4.5 3.2 9.6
 100 3.6 2.1 6.2

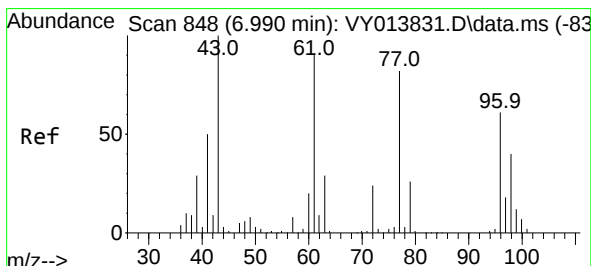
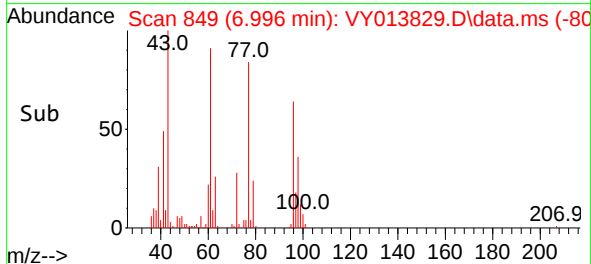
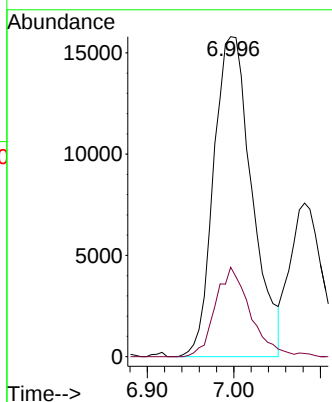
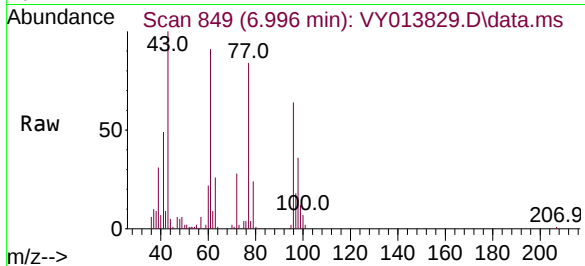




#25
2-Butanone
Concen: 44.593 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

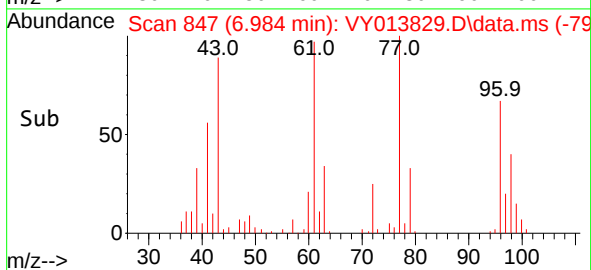
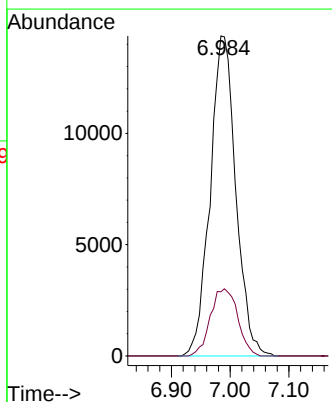
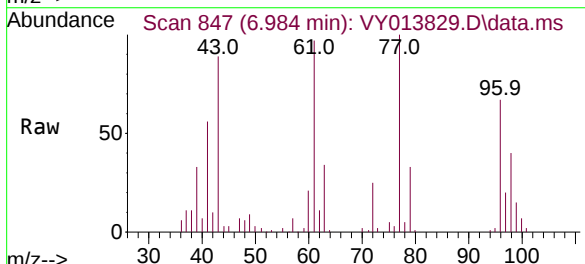
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

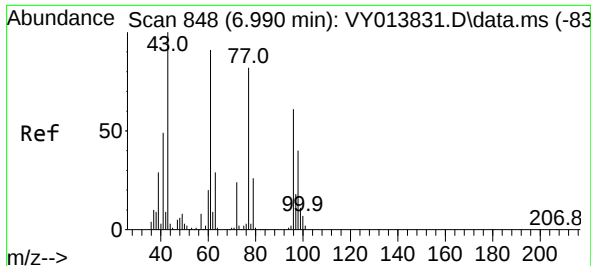
Tgt Ion: 43 Resp: 48586
Ion Ratio Lower Upper
43 100
72 28.0 20.5 30.7



#26
2,2-Dichloropropane
Concen: 9.255 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

Tgt Ion: 77 Resp: 43638
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 9.023 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

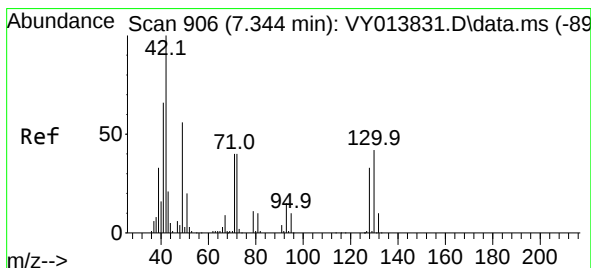
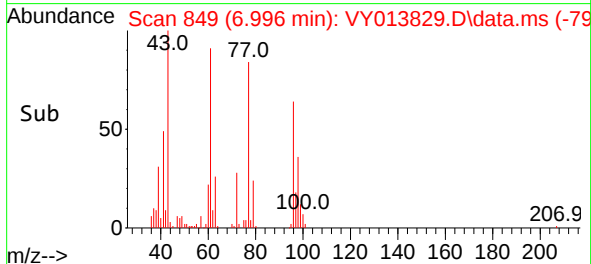
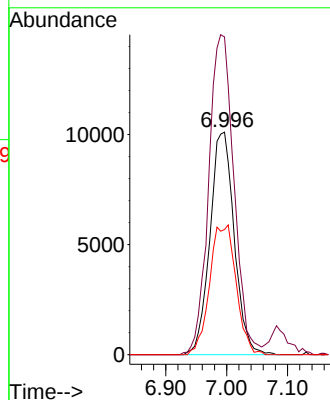
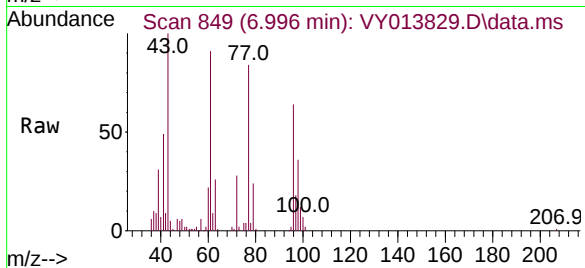
Tgt Ion: 96 Resp: 28027

Ion Ratio Lower Upper

96 100

61 149.3 0.0 296.4

98 63.4 0.0 129.4



#28

Bromochloromethane

Concen: 10.069 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

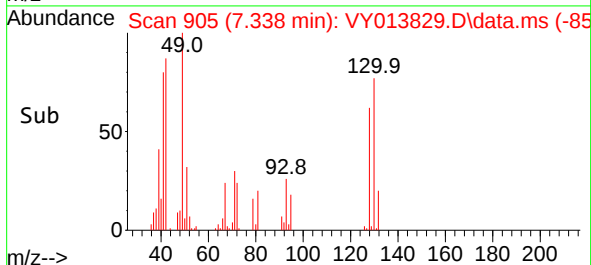
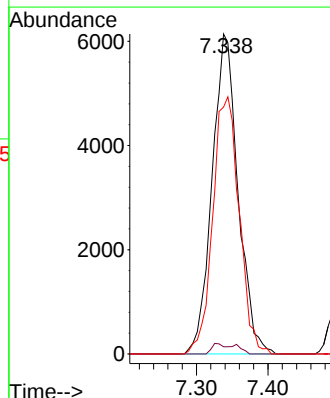
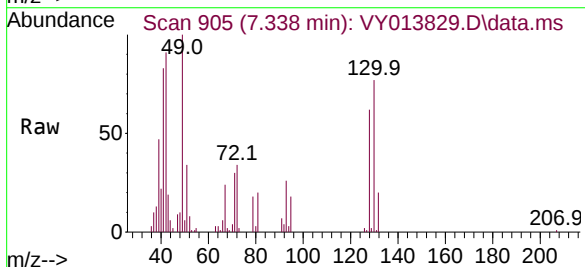
Tgt Ion: 49 Resp: 15469

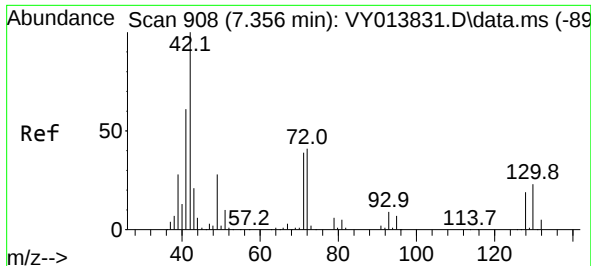
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.4

130 81.7 60.2 90.2





#29

Tetrahydrofuran

Concen: 42.647 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.000 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

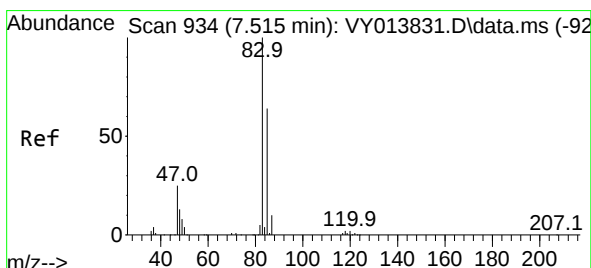
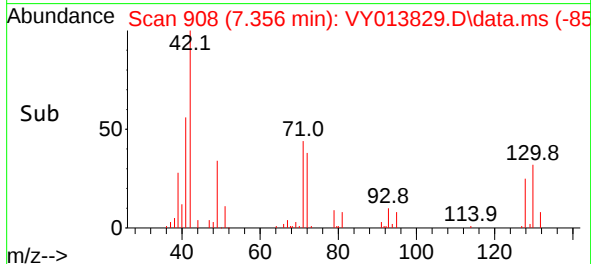
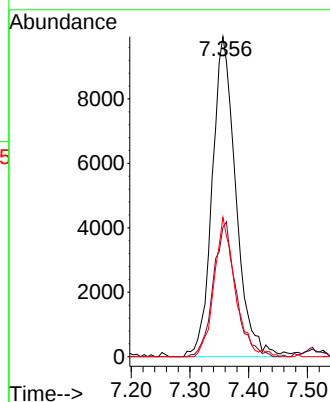
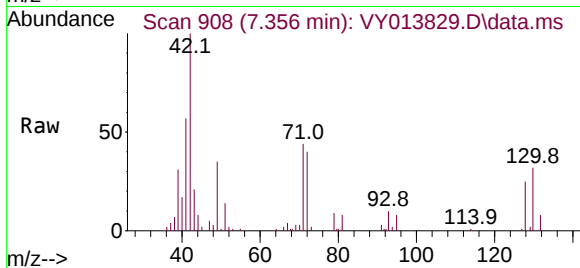
Tgt Ion: 42 Resp: 27742

Ion Ratio Lower Upper

42 100

72 40.1 31.7 47.5

71 38.1 30.6 45.8



#30

Chloroform

Concen: 9.484 ug/l

RT: 7.515 min Scan# 934

Delta R.T. -0.000 min

Lab File: VY013829.D

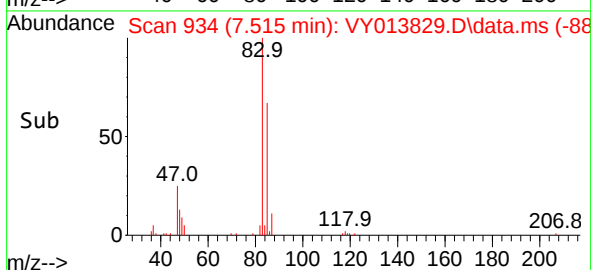
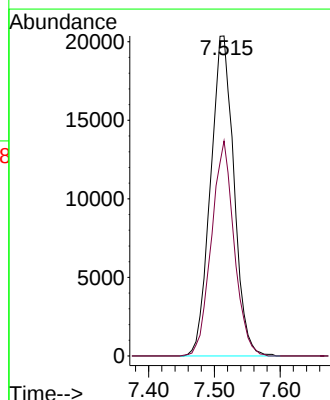
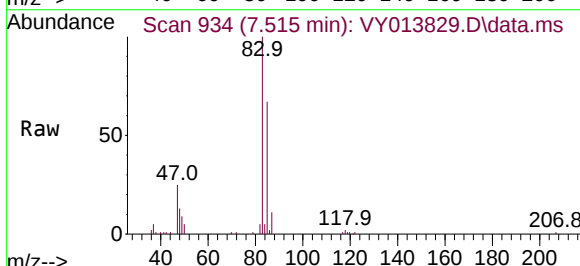
Acq: 23 May 2023 11:45

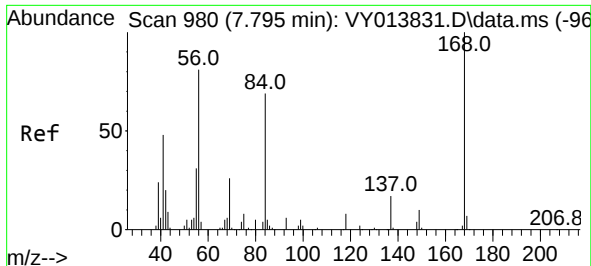
Tgt Ion: 83 Resp: 50330

Ion Ratio Lower Upper

83 100

85 67.2 51.0 76.6

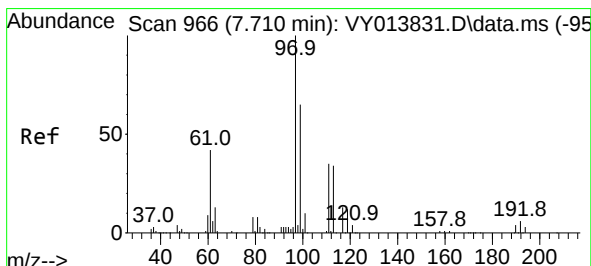
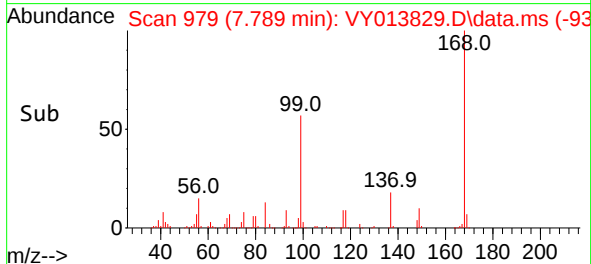
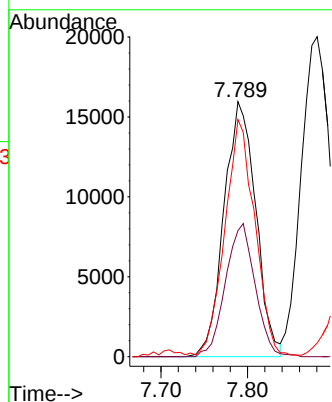
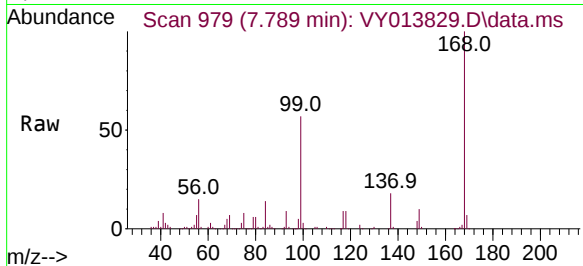




#31
Cyclohexane
Concen: 8.790 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

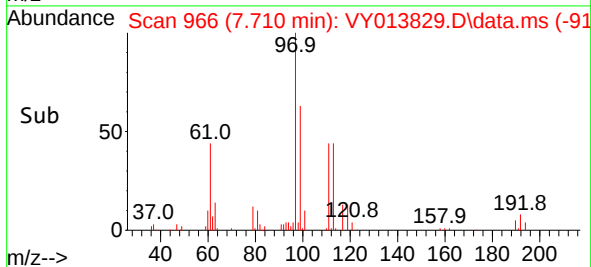
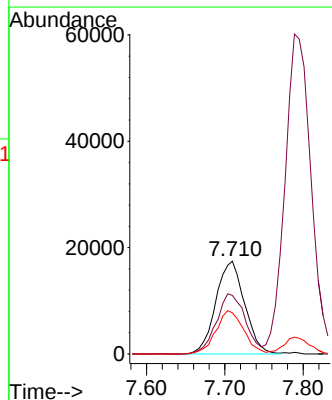
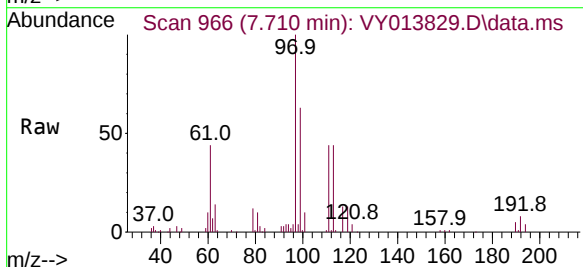
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

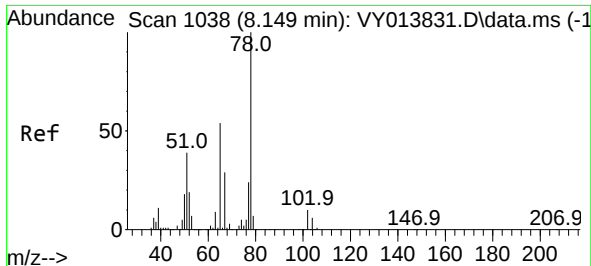
Tgt Ion: 56 Resp: 40627
Ion Ratio Lower Upper
56 100
69 49.4 25.8 38.8#
84 91.4 68.2 102.2



#32
1,1,1-Trichloroethane
Concen: 9.209 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

Tgt Ion: 97 Resp: 44583
Ion Ratio Lower Upper
97 100
99 65.2 50.5 75.7
61 45.0 35.0 52.4





#33

1,2-Dichloroethane-d4

Concen: 10.600 ug/l

RT: 8.142 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

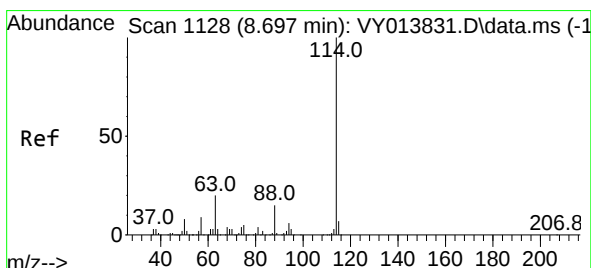
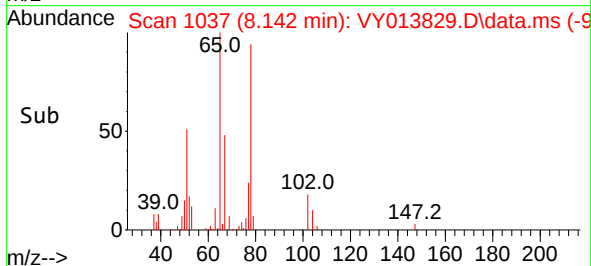
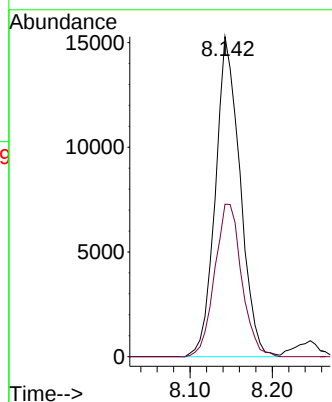
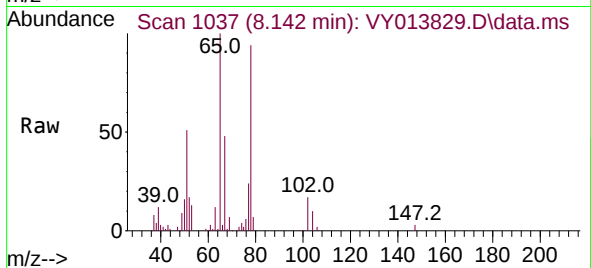
VSTDICC010

Tgt Ion: 65 Resp: 31890

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

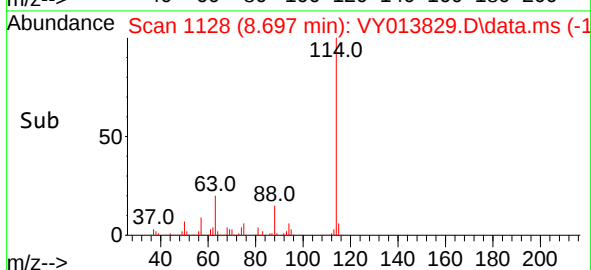
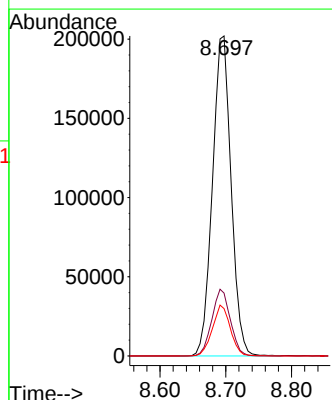
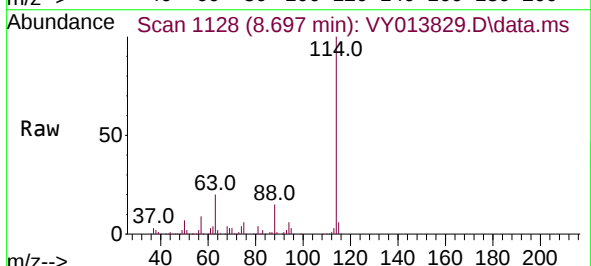
Tgt Ion: 114 Resp: 398563

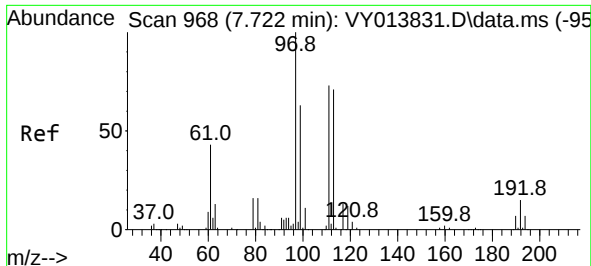
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.2

88 14.8 0.0 30.0

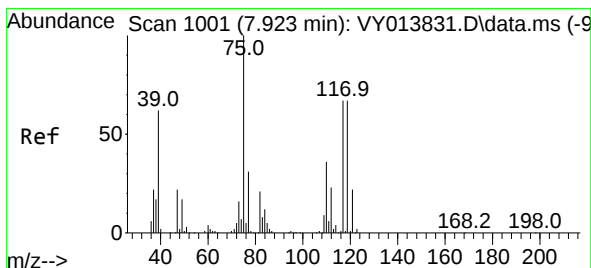
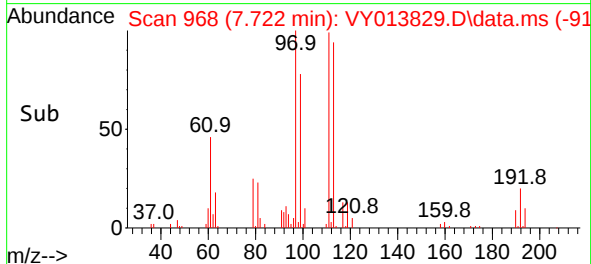
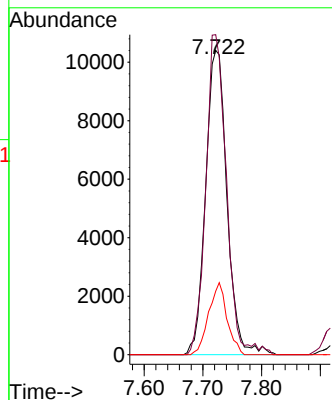
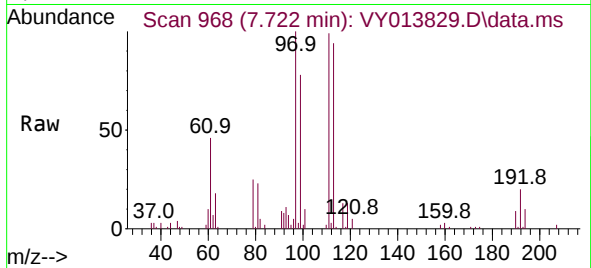




#35
Dibromofluoromethane
Concen: 10.226 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

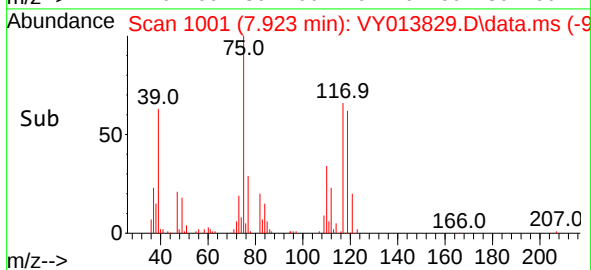
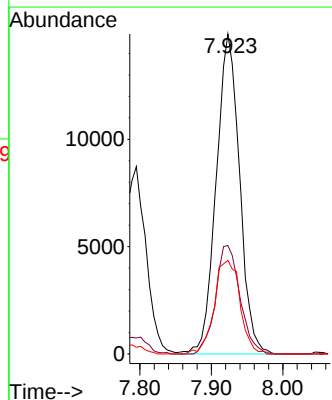
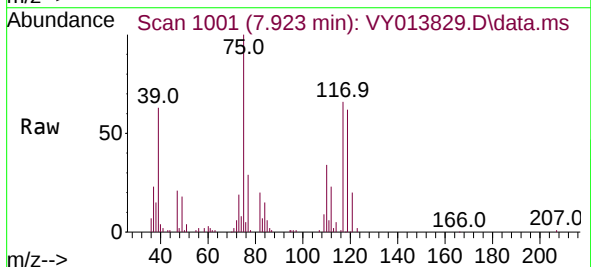
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

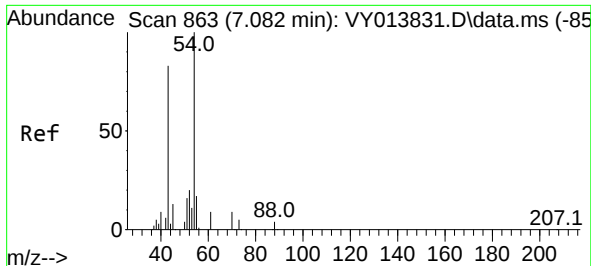
Tgt Ion:113 Resp: 26322
Ion Ratio Lower Upper
113 100
111 101.6 80.4 120.6
192 20.4 16.6 25.0



#36
1,1-Dichloropropene
Concen: 8.630 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

Tgt Ion: 75 Resp: 33832
Ion Ratio Lower Upper
75 100
110 35.4 17.5 52.6
77 32.4 24.4 36.6

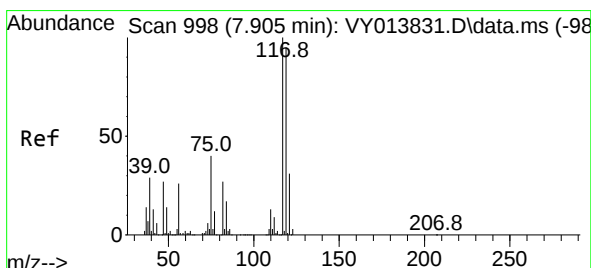
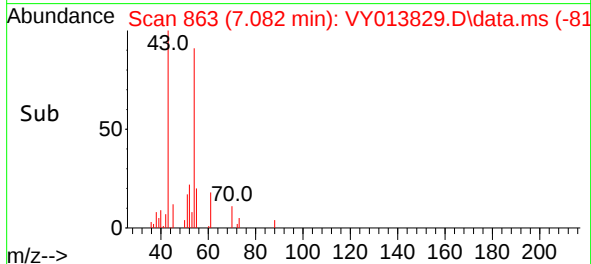
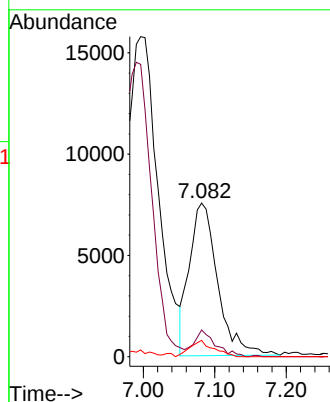
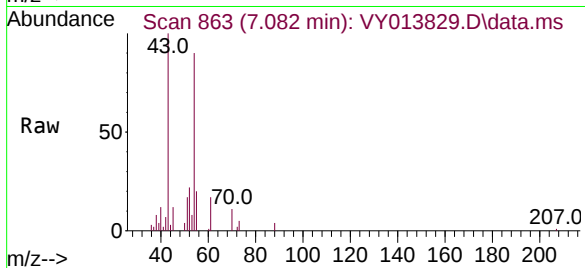




#37
Ethyl Acetate
Concen: 8.659 ug/l
RT: 7.082 min Scan# 863
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

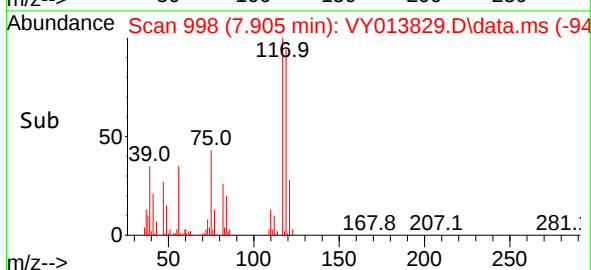
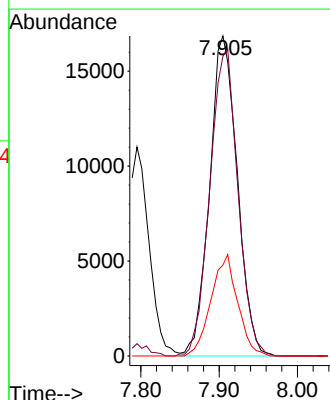
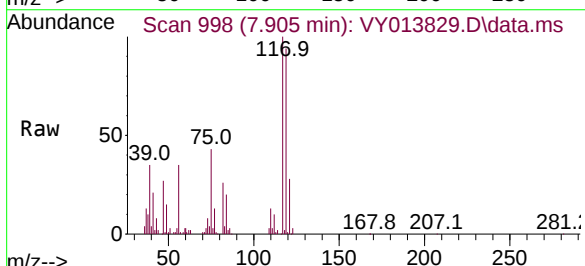
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

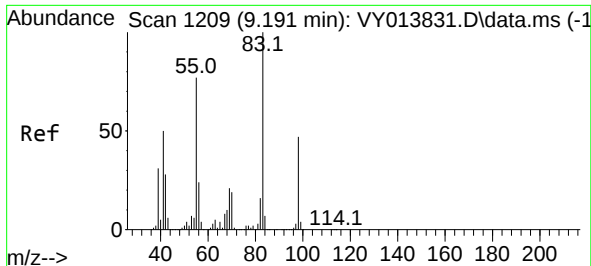
Tgt Ion:	43	Resp:	20708
Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.5	15.7
70	8.8	6.9	10.3



#38
Carbon Tetrachloride
Concen: 9.295 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

Tgt Ion:	117	Resp:	41440
Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.6	113.4
121	28.4	24.8	37.2





#39

Methylcyclohexane

Concen: 8.437 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. -0.006 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

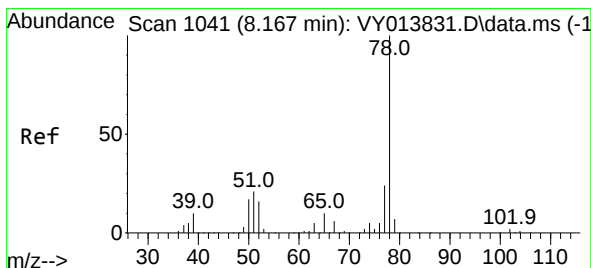
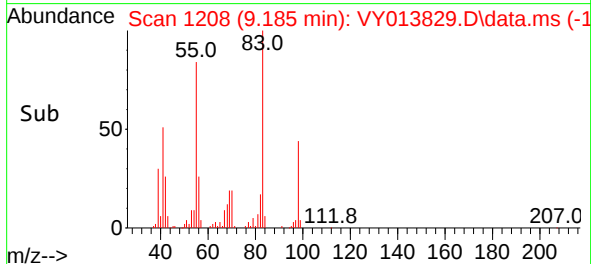
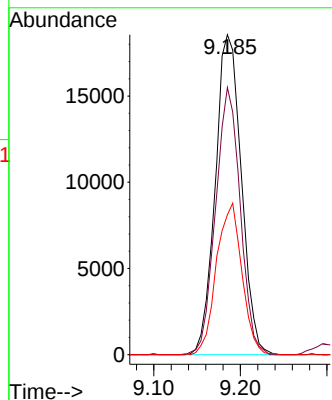
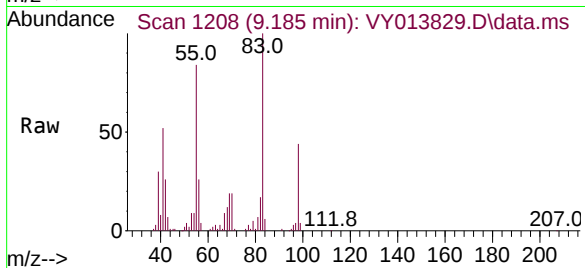
Tgt Ion: 83 Resp: 38737

Ion Ratio Lower Upper

83 100

55 83.5 61.6 92.4

98 43.7 38.0 57.0



#40

Benzene

Concen: 9.109 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY013829.D

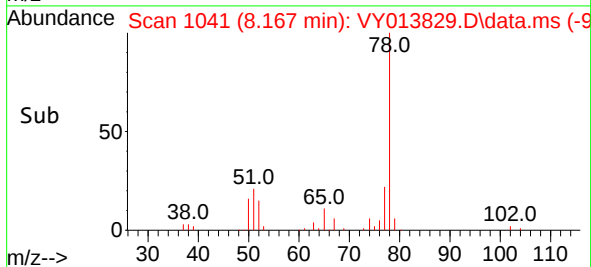
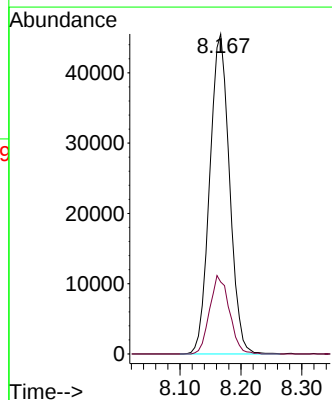
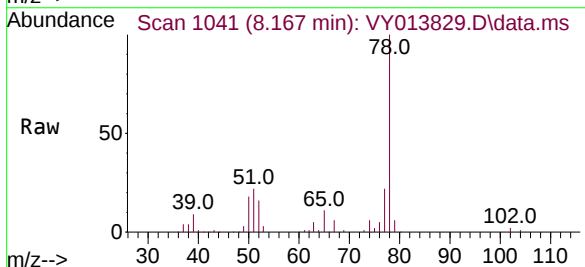
Acq: 23 May 2023 11:45

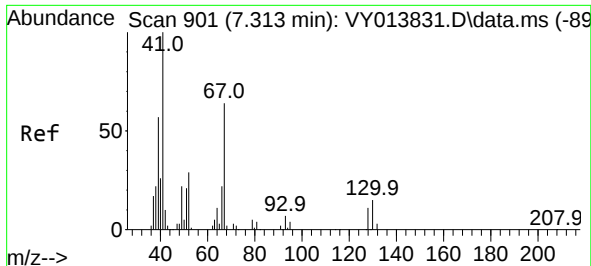
Tgt Ion: 78 Resp: 102571

Ion Ratio Lower Upper

78 100

77 22.5 19.5 29.3

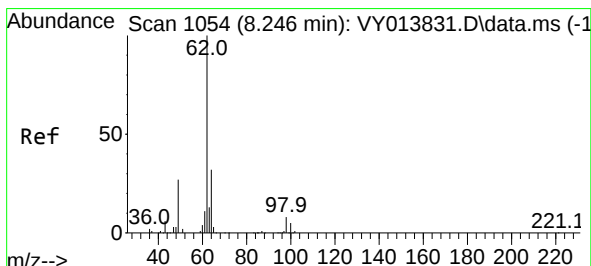
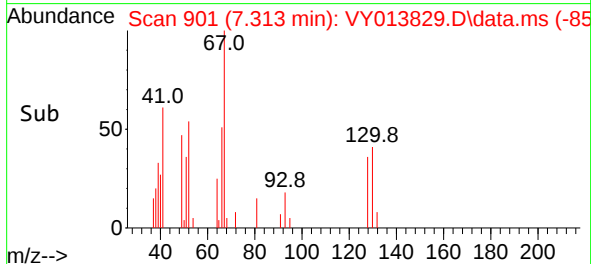
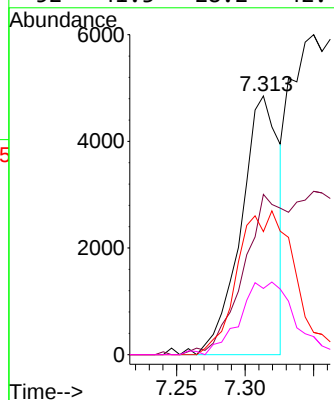
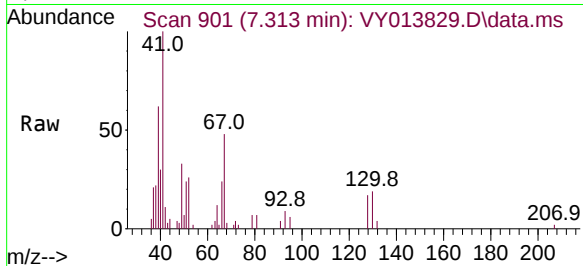




#41
Methacrylonitrile
Concen: 7.215 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

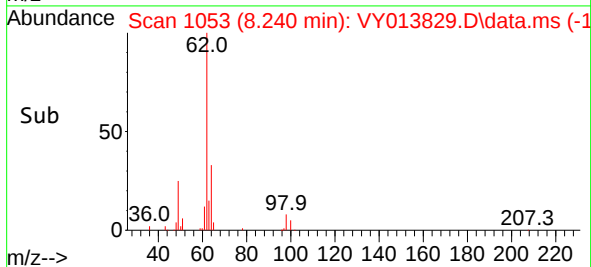
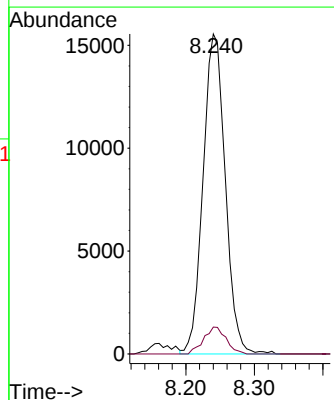
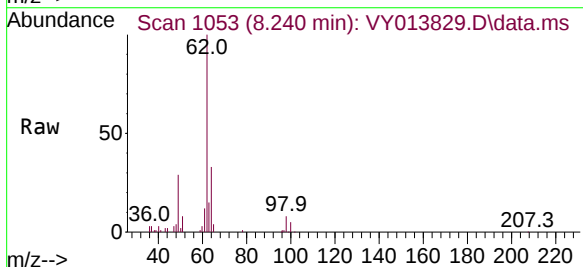
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

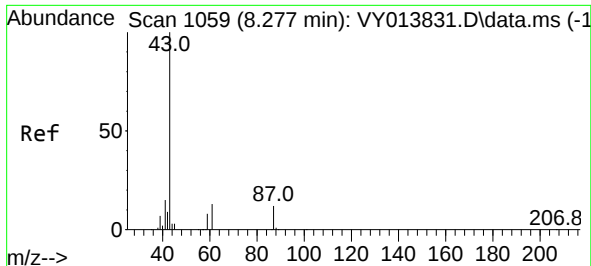
Tgt Ion:	41	Resp:	9414
Ion	Ratio	Lower	Upper
41	100		
39	71.3	44.1	66.1#
67	83.7	63.7	95.5
52	41.3	28.2	42.4



#42
1,2-Dichloroethane
Concen: 9.536 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

Tgt Ion:	62	Resp:	35158
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.8

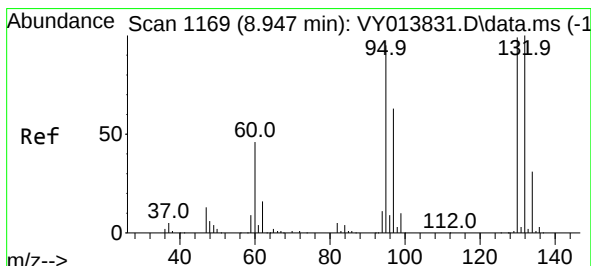
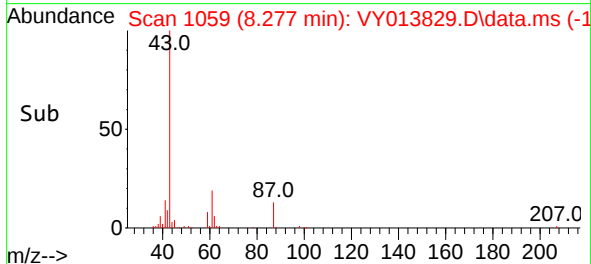
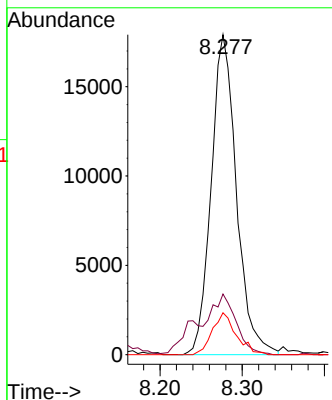
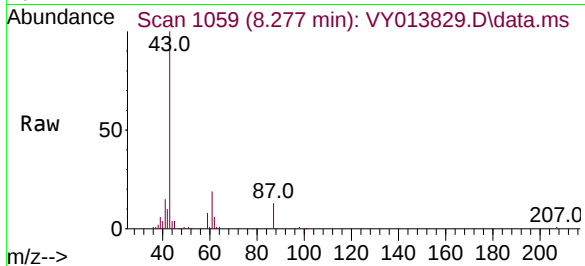




#43
Isopropyl Acetate
Concen: 8.786 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

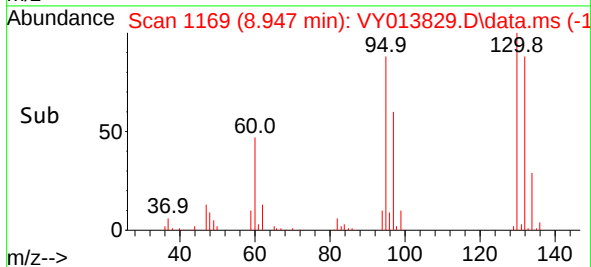
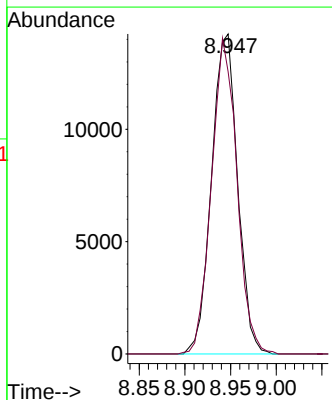
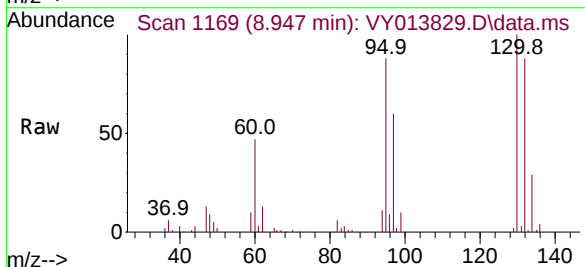
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

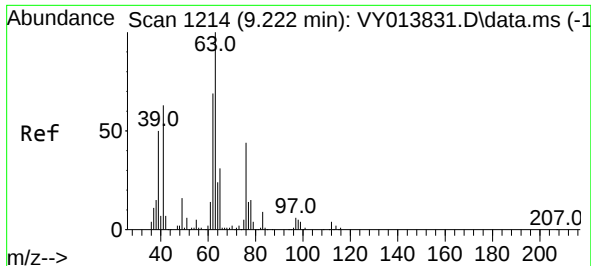
Tgt Ion: 43 Resp: 38290
Ion Ratio Lower Upper
43 100
61 18.7 21.1 31.7#
87 12.4 9.8 14.6



#44
Trichloroethene
Concen: 9.326 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

Tgt Ion: 130 Resp: 28293
Ion Ratio Lower Upper
130 100
95 88.2 0.0 192.8





#45

1,2-Dichloropropane

Concen: 9.088 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.006 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

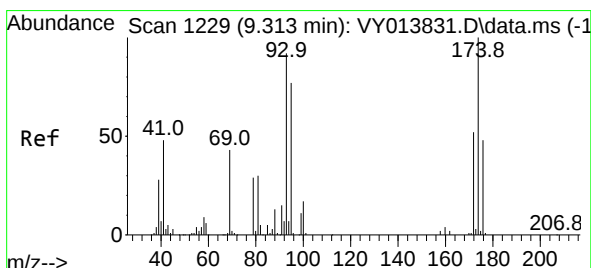
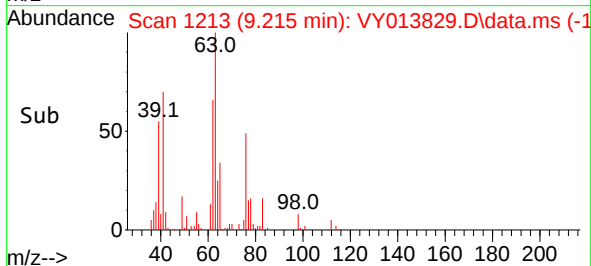
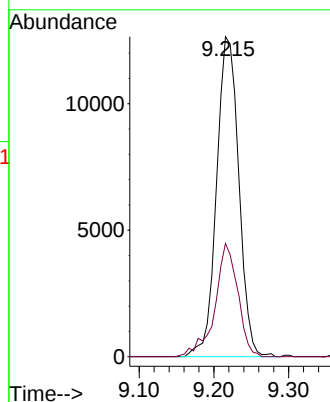
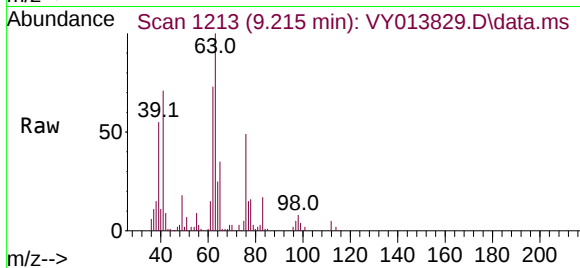
VSTDICC010

Tgt Ion: 63 Resp: 26214

Ion Ratio Lower Upper

63 100

65 35.4 24.7 37.1



#46

Dibromomethane

Concen: 9.086 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

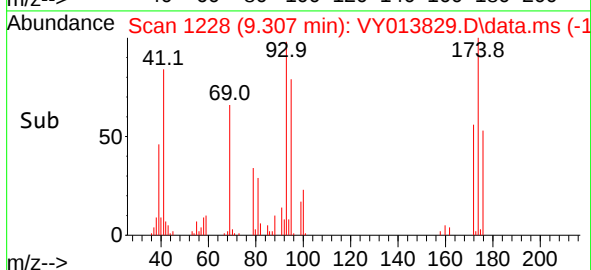
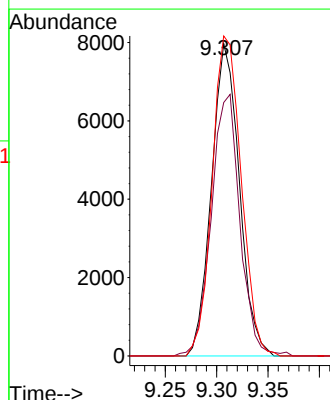
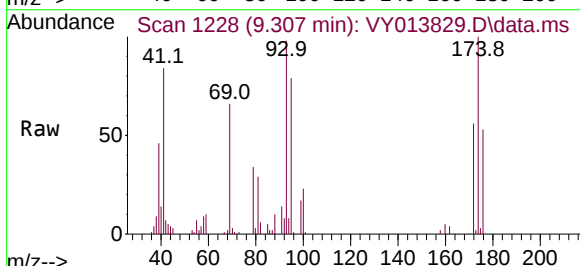
Tgt Ion: 93 Resp: 15010

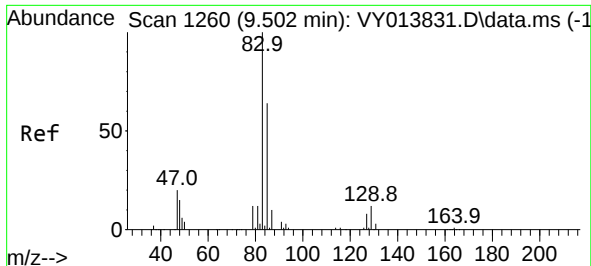
Ion Ratio Lower Upper

93 100

95 85.9 66.4 99.6

174 106.7 83.9 125.9





#47

Bromodichloromethane

Concen: 9.415 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.006 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

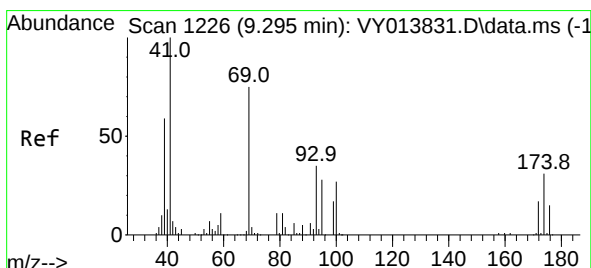
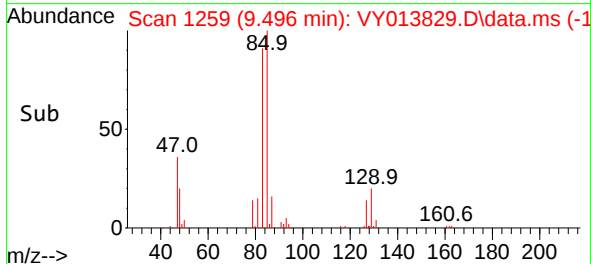
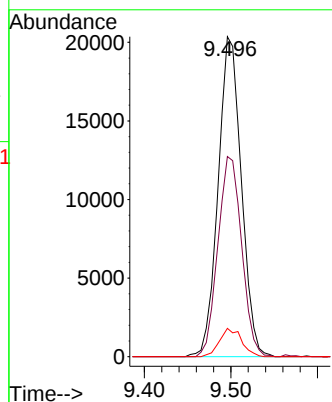
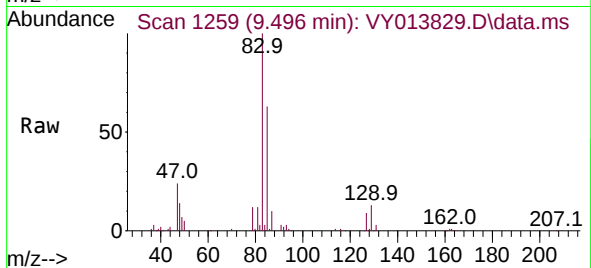
Tgt Ion: 83 Resp: 37904

Ion Ratio Lower Upper

83 100

85 62.5 51.5 77.3

127 8.8 6.6 10.0



#48

Methyl methacrylate

Concen: 8.150 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

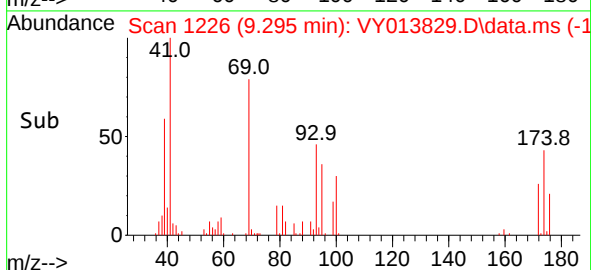
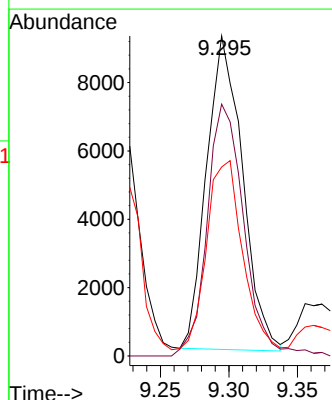
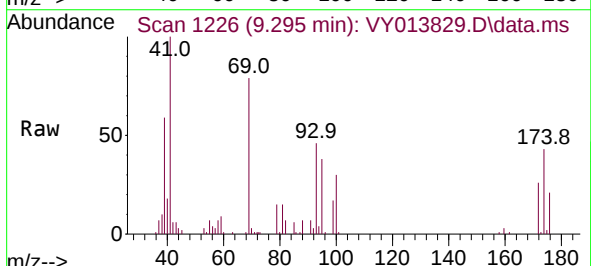
Tgt Ion: 41 Resp: 16678

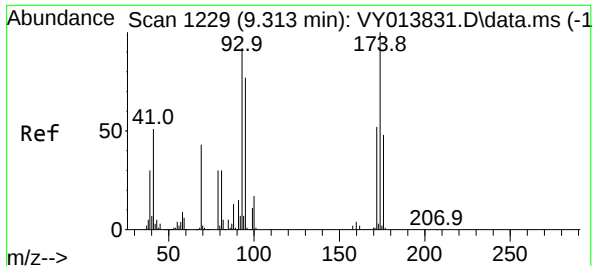
Ion Ratio Lower Upper

41 100

69 82.5 62.0 93.0

39 65.2 45.7 68.5





#49

1,4-Dioxane

Concen: 160.129 ug/l

RT: 9.313 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

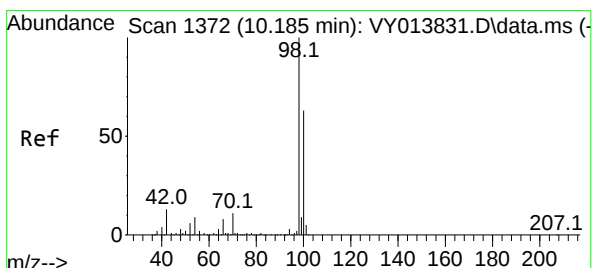
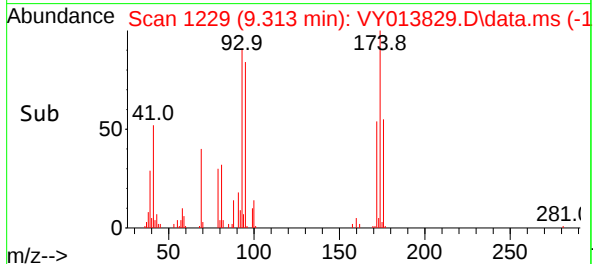
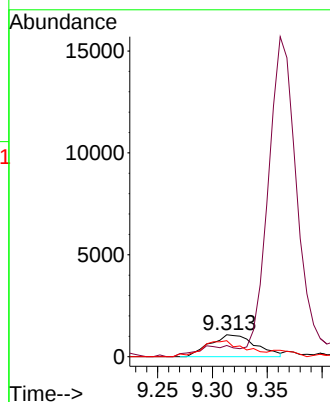
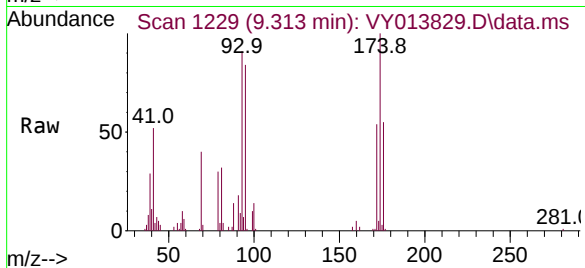
Tgt Ion: 88 Resp: 3109

Ion Ratio Lower Upper

88 100

43 27.1 0.0 0.0#

58 68.0 59.0 88.6



#50

Toluene-d8

Concen: 10.494 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY013829.D

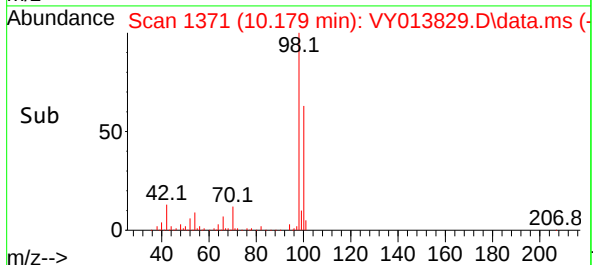
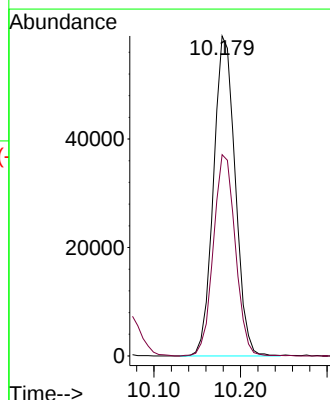
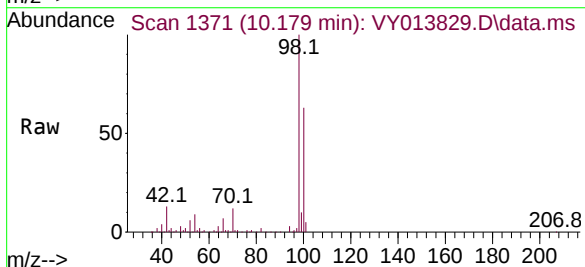
Acq: 23 May 2023 11:45

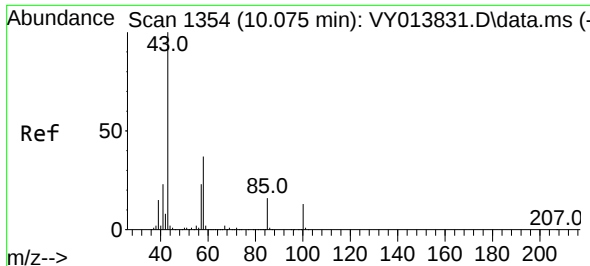
Tgt Ion: 98 Resp: 102659

Ion Ratio Lower Upper

98 100

100 63.7 50.8 76.2

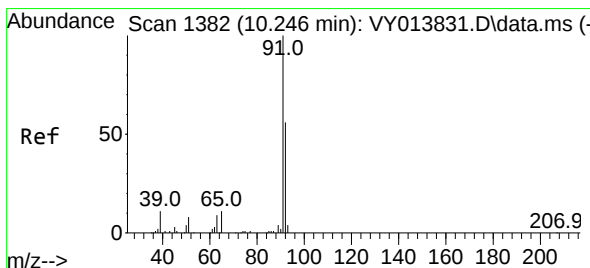
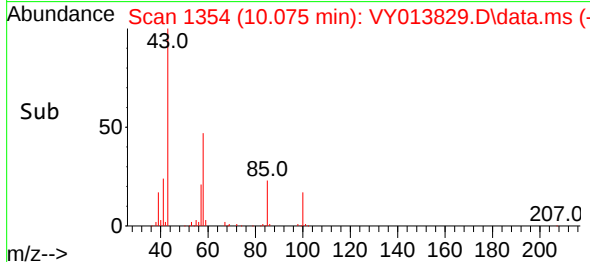
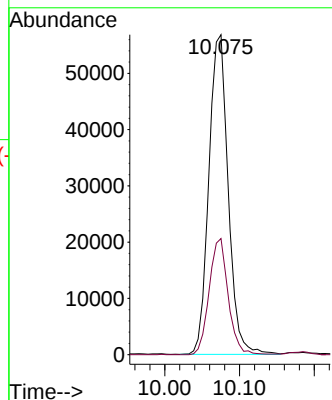
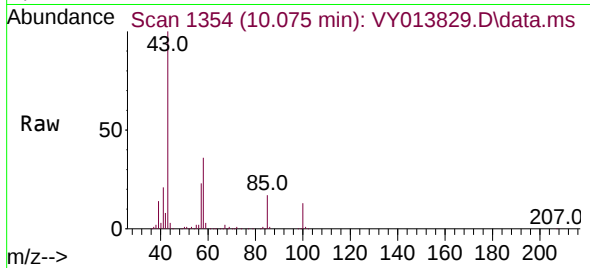




#51
4-Methyl-2-Pentanone
Concen: 43.954 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

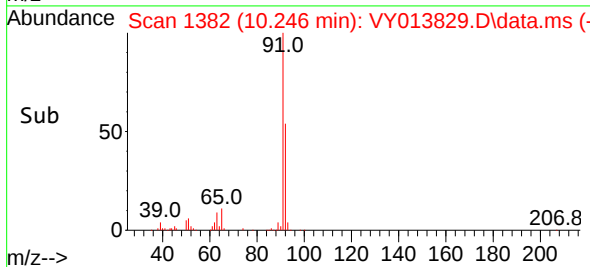
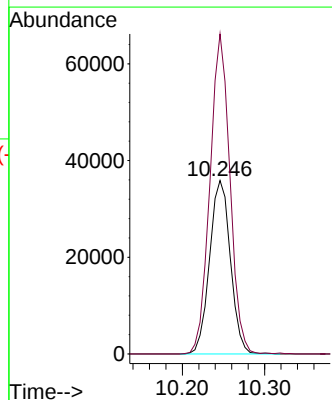
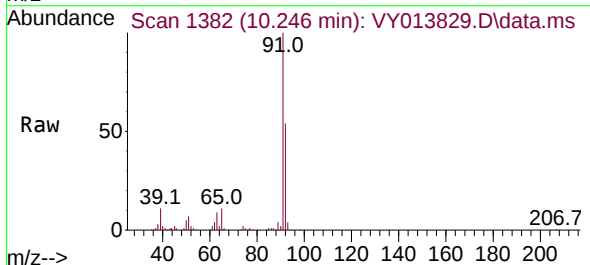
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

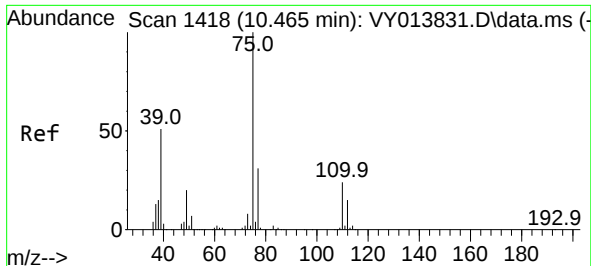
Tgt Ion: 43 Resp: 102077
Ion Ratio Lower Upper
43 100
58 35.7 29.1 43.7



#52
Toluene
Concen: 9.174 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

Tgt Ion: 92 Resp: 62987
Ion Ratio Lower Upper
92 100
91 177.6 142.2 213.4





#53

t-1,3-Dichloropropene

Concen: 9.105 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

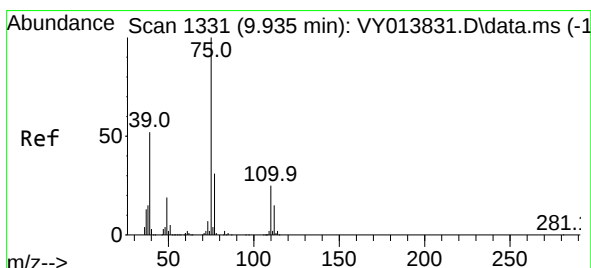
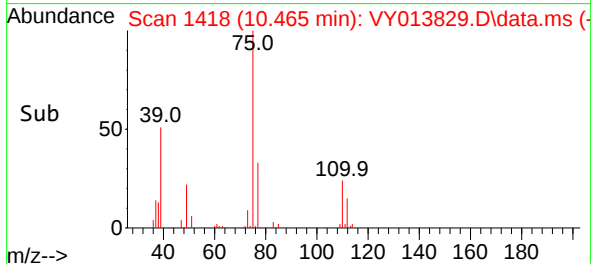
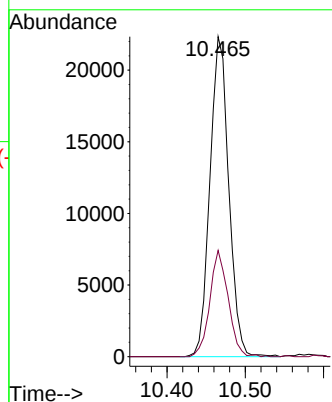
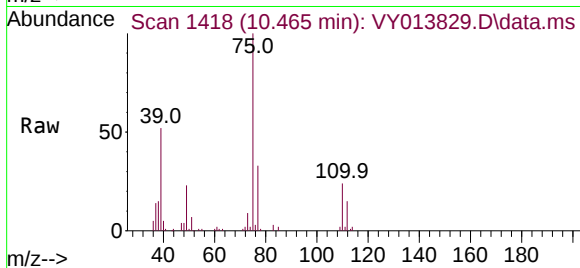
VSTDIC010

Tgt Ion: 75 Resp: 37315

Ion Ratio Lower Upper

75 100

77 33.2 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 9.213 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. -0.006 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

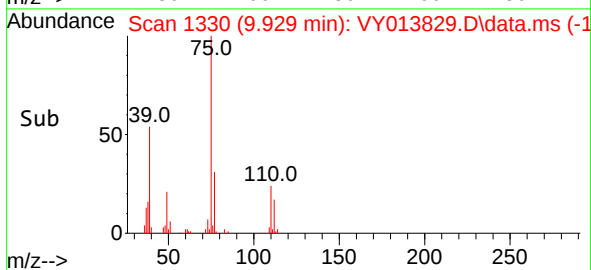
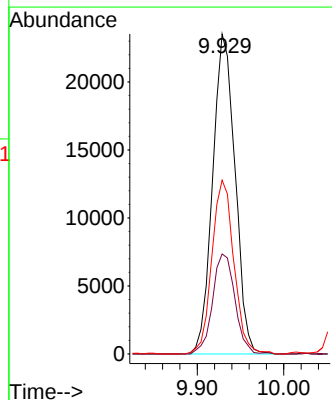
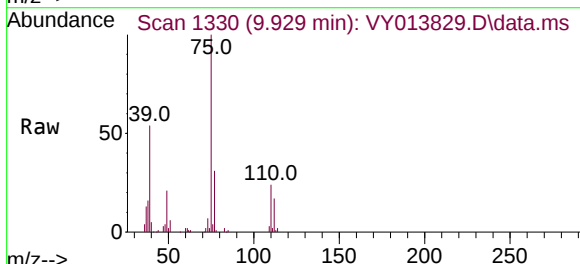
Tgt Ion: 75 Resp: 42296

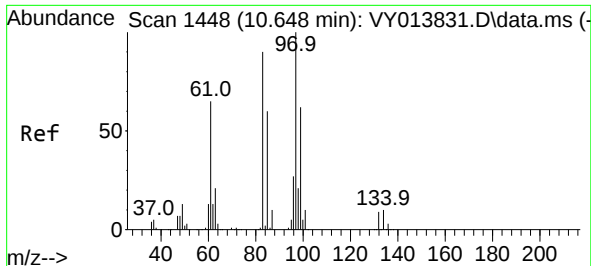
Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2

39 54.3 41.8 62.8

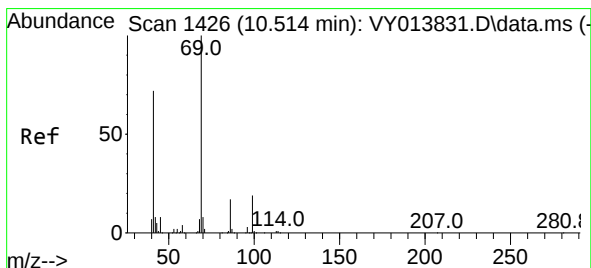
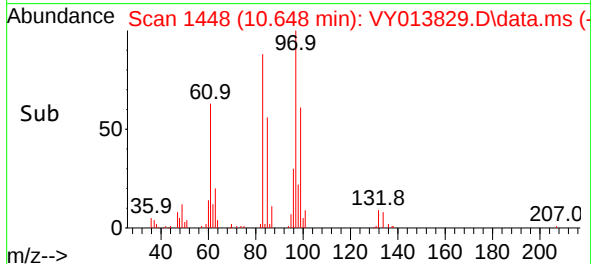
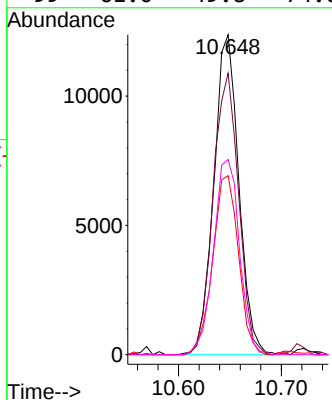
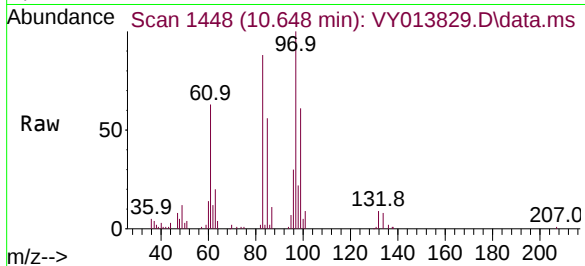




#55
1,1,2-Trichloroethane
Concen: 9.393 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

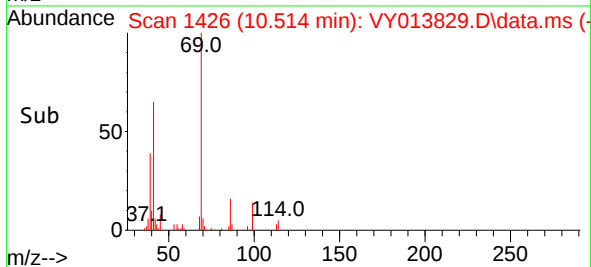
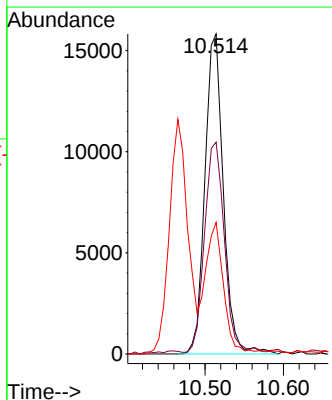
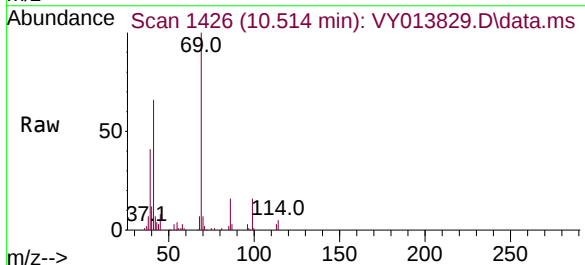
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

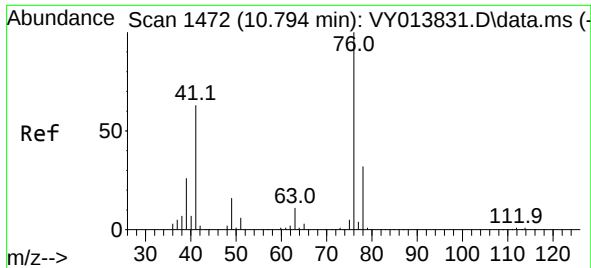
Tgt Ion:	97	Resp:	20876
Ion	Ratio	Lower	Upper
97	100		
83	88.0	71.9	107.9
85	56.0	47.6	71.4
99	61.0	49.8	74.6



#56
Ethyl methacrylate
Concen: 8.705 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

Tgt Ion:	69	Resp:	25826
Ion	Ratio	Lower	Upper
69	100		
41	70.6	57.8	86.6
39	39.5	33.9	50.9

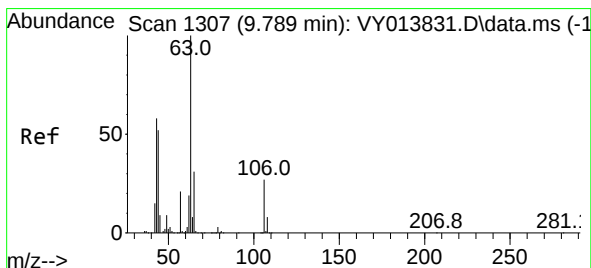
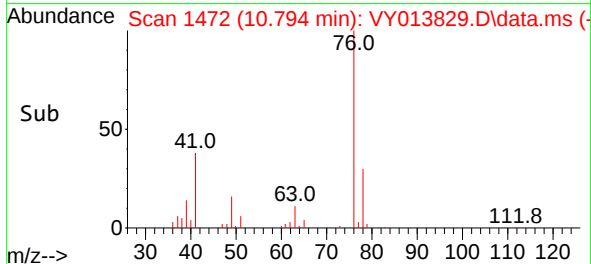
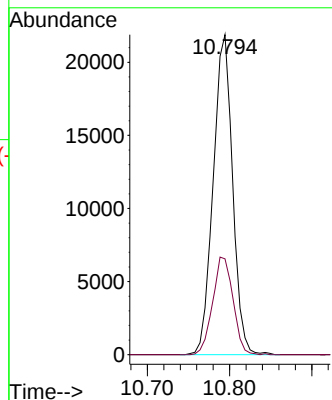
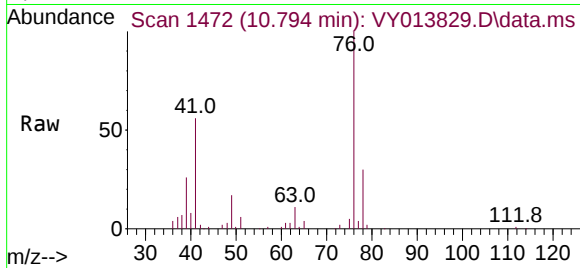




#57
1,3-Dichloropropane
Concen: 9.477 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

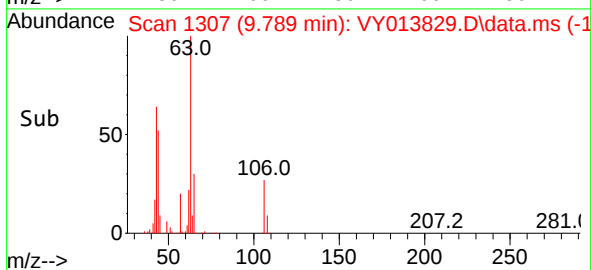
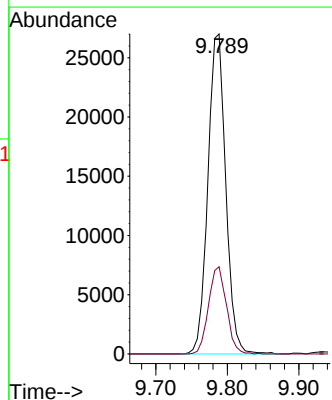
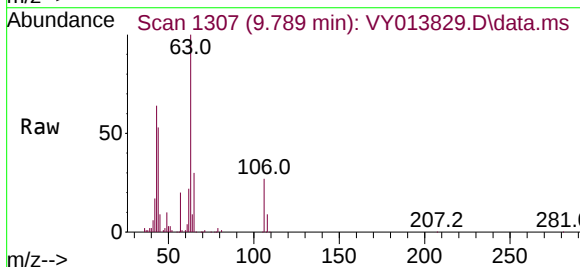
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

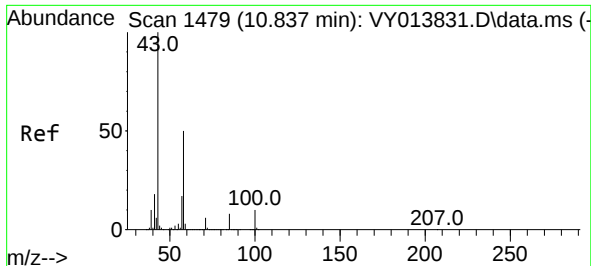
Tgt Ion: 76 Resp: 35874
Ion Ratio Lower Upper
76 100
78 32.0 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 49.504 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

Tgt Ion: 63 Resp: 46863
Ion Ratio Lower Upper
63 100
106 27.3 21.3 31.9

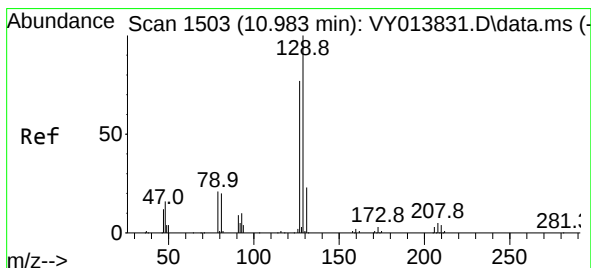
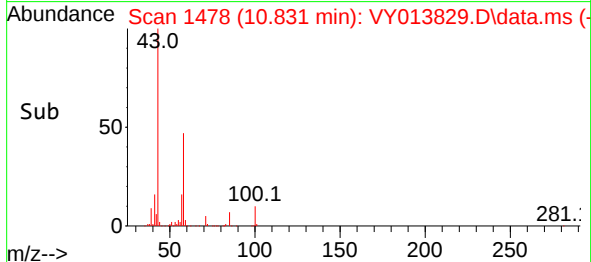
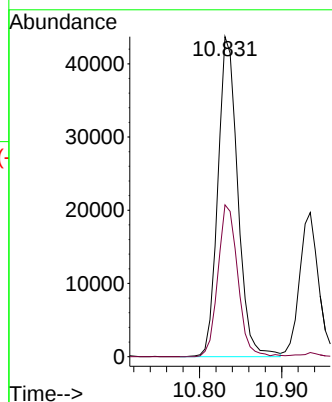
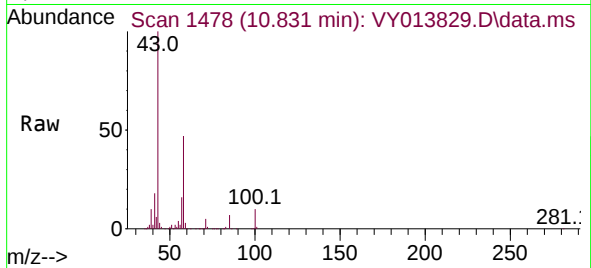




#59
2-Hexanone
Concen: 44.361 ug/l
RT: 10.831 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

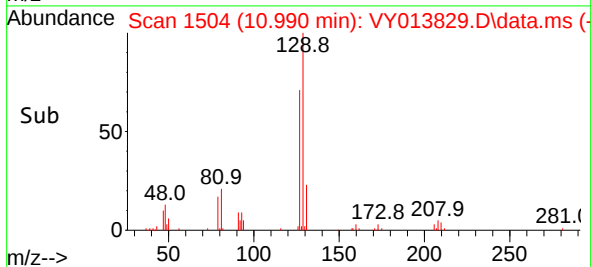
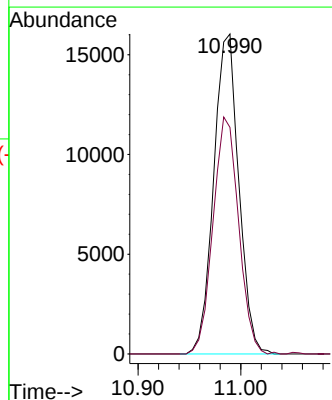
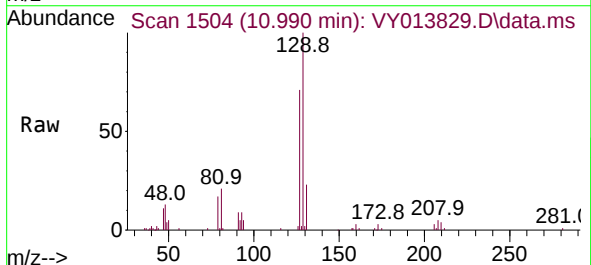
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

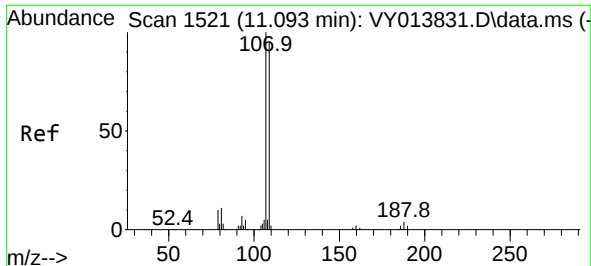
Tgt Ion: 43 Resp: 73281
Ion Ratio Lower Upper
43 100
58 47.6 24.8 74.3



#60
Dibromochloromethane
Concen: 9.667 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

Tgt Ion: 129 Resp: 27178
Ion Ratio Lower Upper
129 100
127 75.6 38.6 116.0





#61

1,2-Dibromoethane

Concen: 9.291 ug/l

RT: 11.093 min Scan# 1521

Delta R.T. -0.000 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

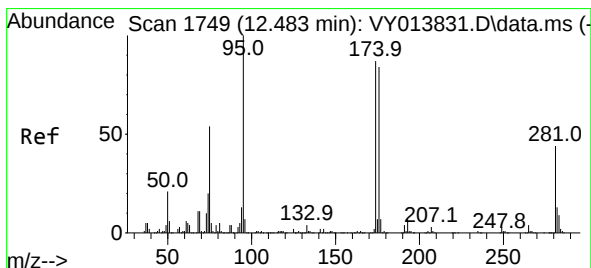
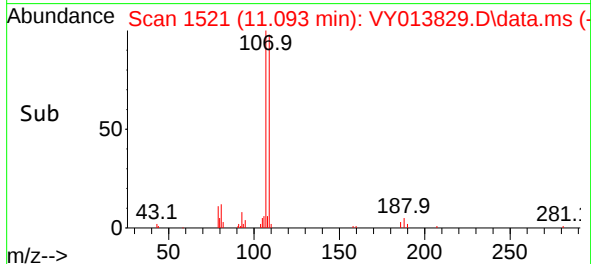
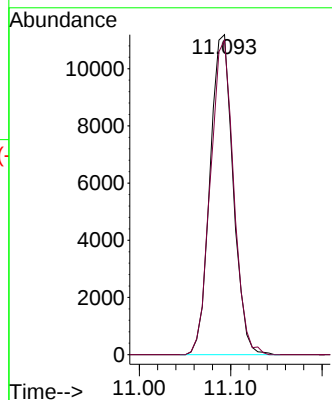
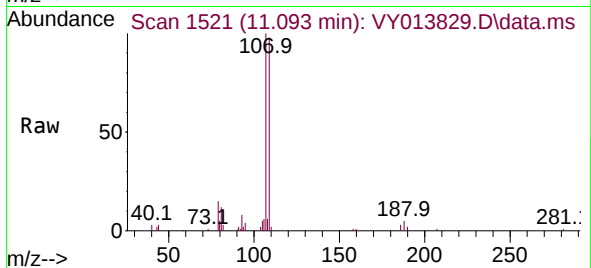
VSTDIC010

Tgt Ion:107 Resp: 19644

Ion Ratio Lower Upper

107 100

109 98.7 74.9 112.3



#62

4-Bromofluorobenzene

Concen: 10.584 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

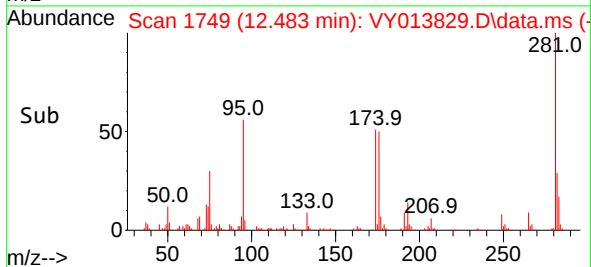
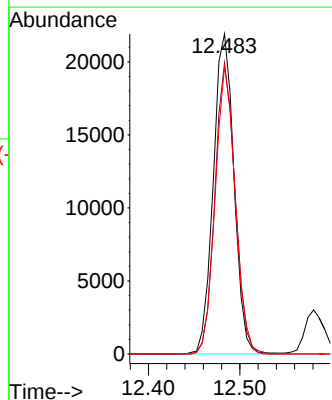
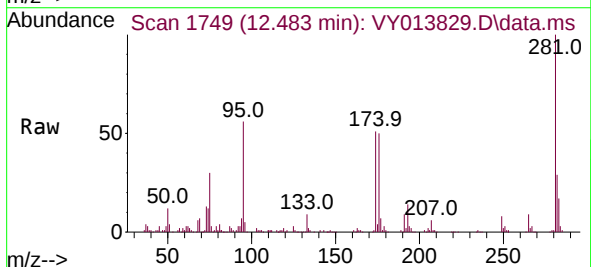
Tgt Ion: 95 Resp: 34416

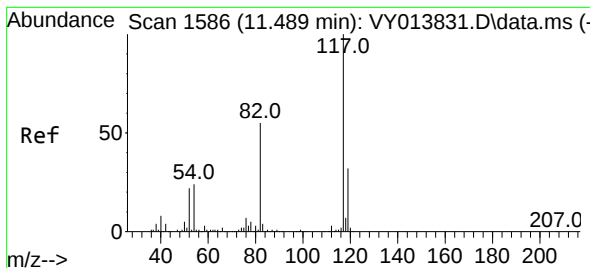
Ion Ratio Lower Upper

95 100

174 88.7 0.0 176.0

176 87.0 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

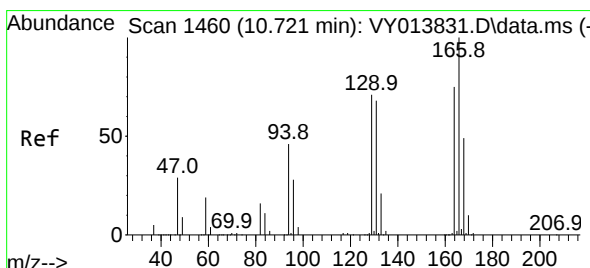
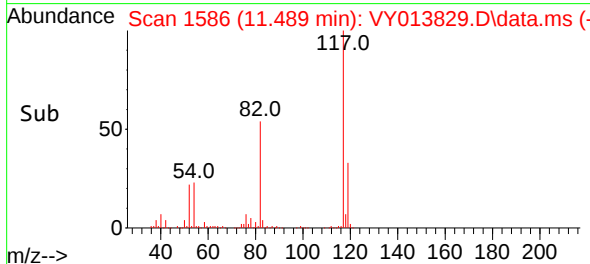
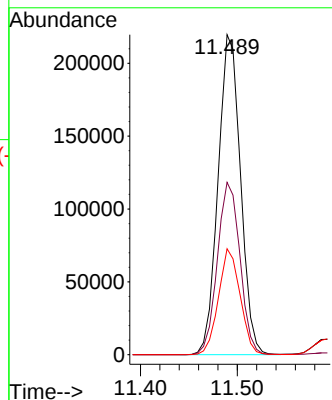
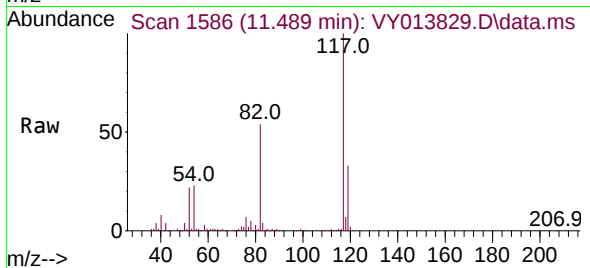
Tgt Ion:117 Resp: 353618

Ion Ratio Lower Upper

117 100

82 53.8 44.2 66.4

119 33.1 25.7 38.5



#64

Tetrachloroethene

Concen: 9.414 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

Tgt Ion:164 Resp: 24632

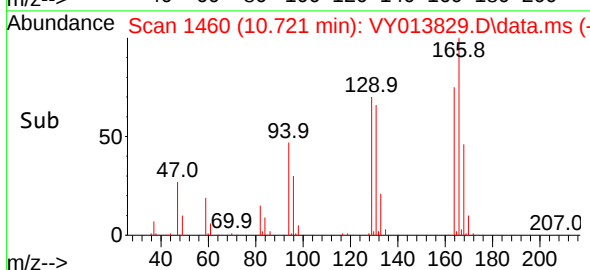
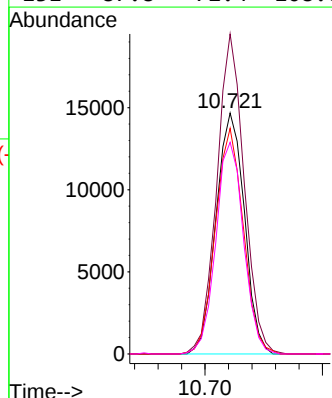
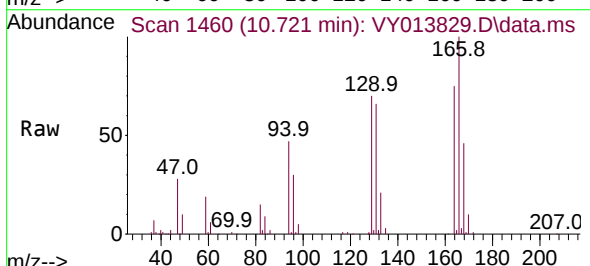
Ion Ratio Lower Upper

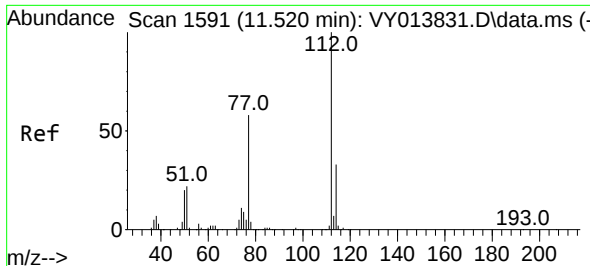
164 100

166 132.8 106.2 159.2

129 93.6 75.4 113.0

131 87.8 72.4 108.6

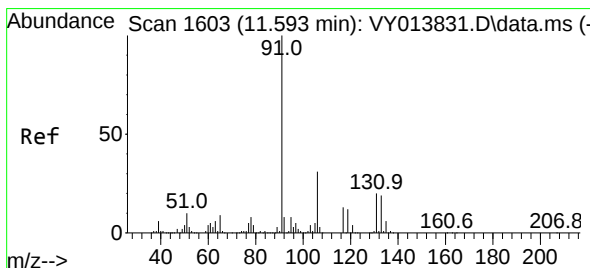
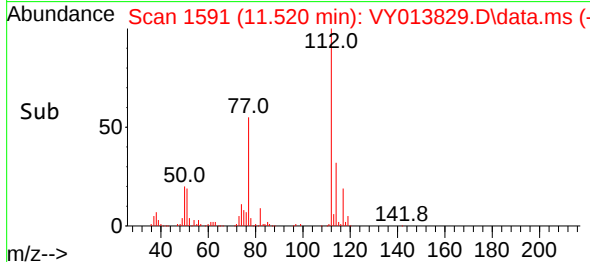
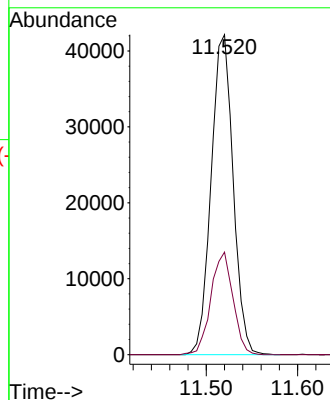
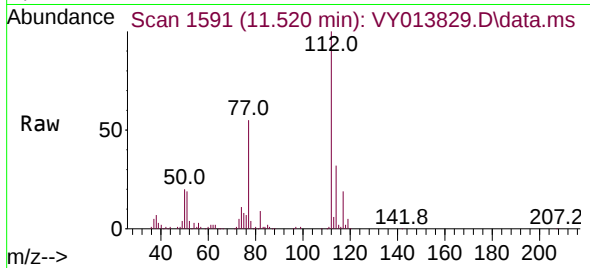




#65
Chlorobenzene
Concen: 9.500 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

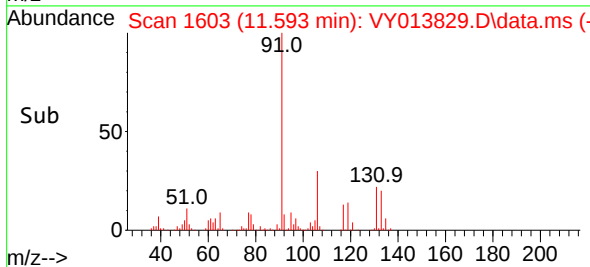
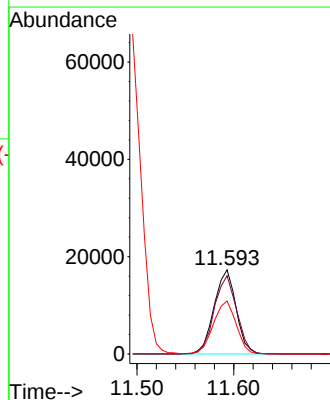
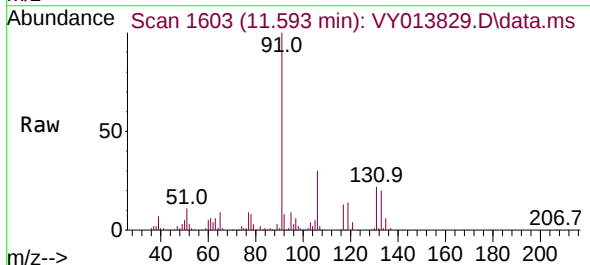
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

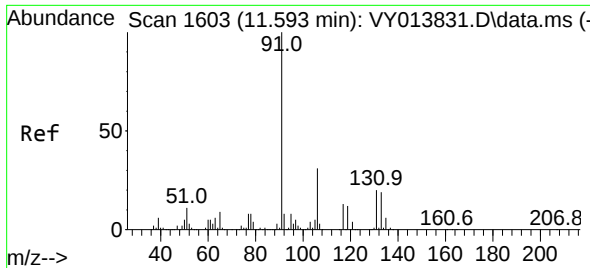
Tgt Ion:112 Resp: 70412
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 9.536 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

Tgt Ion:131 Resp: 27277
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.7
119 65.5 32.1 96.5

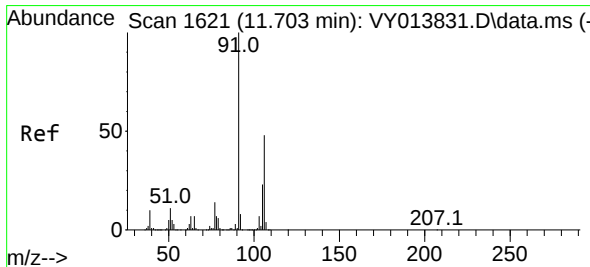
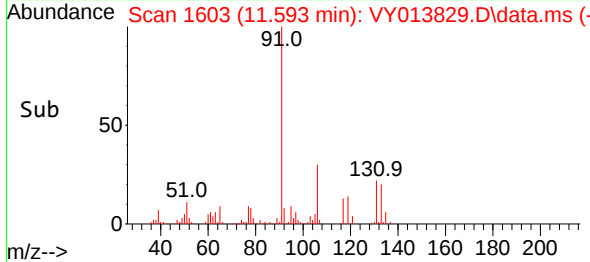
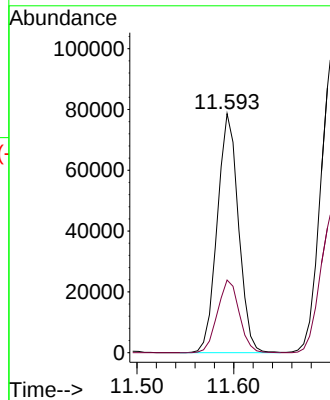
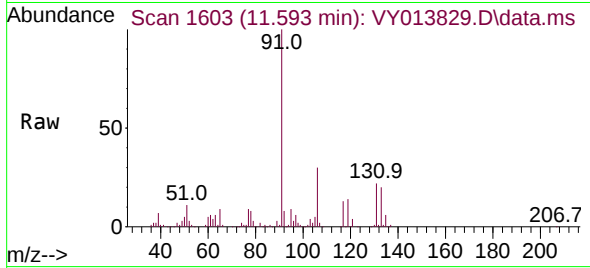




#67
Ethyl Benzene
Concen: 8.971 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

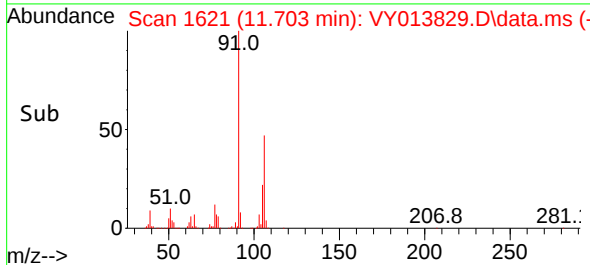
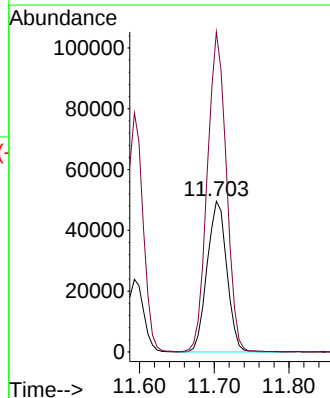
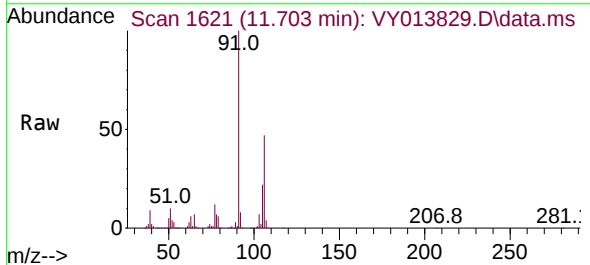
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

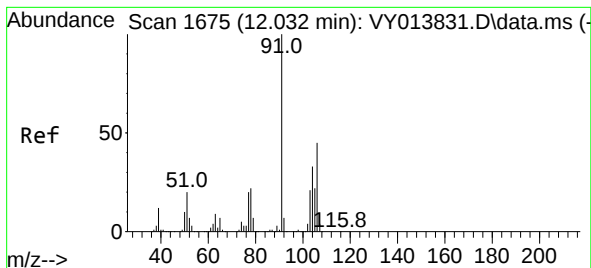
Tgt Ion: 91 Resp: 119645
Ion Ratio Lower Upper
91 100
106 30.4 24.7 37.1



#68
m/p-Xylenes
Concen: 17.998 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

Tgt Ion:106 Resp: 90843
Ion Ratio Lower Upper
106 100
91 204.6 164.9 247.3





#69

o-Xylene

Concen: 9.008 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

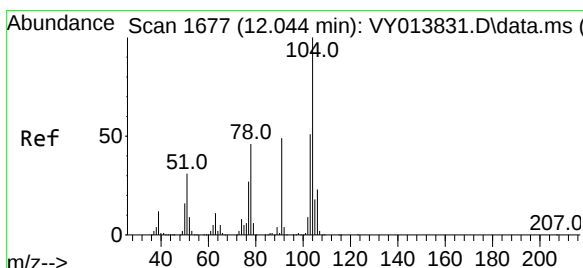
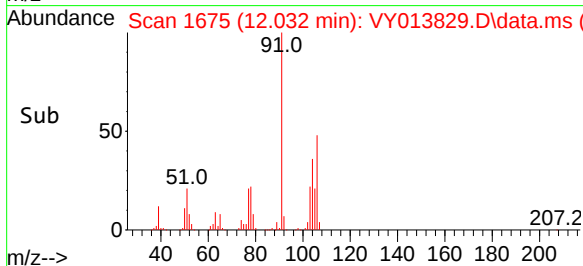
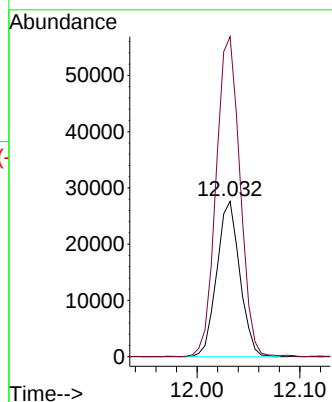
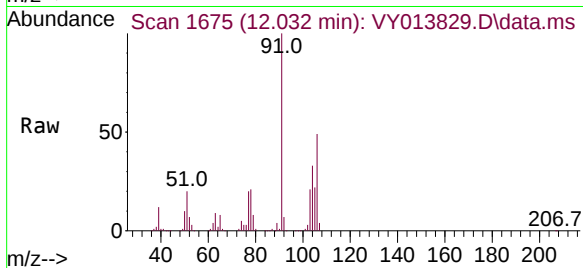
VSTDIC010

Tgt Ion:106 Resp: 42828

Ion Ratio Lower Upper

106 100

91 214.6 109.0 327.0



#70

Styrene

Concen: 9.106 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

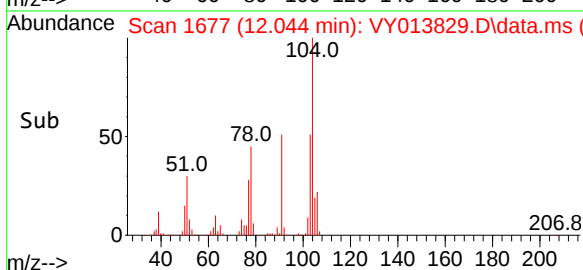
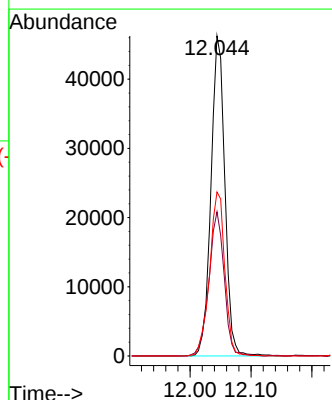
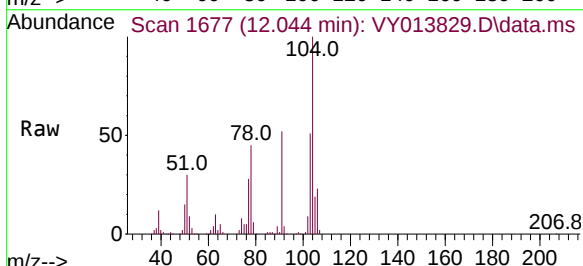
Tgt Ion:104 Resp: 73337

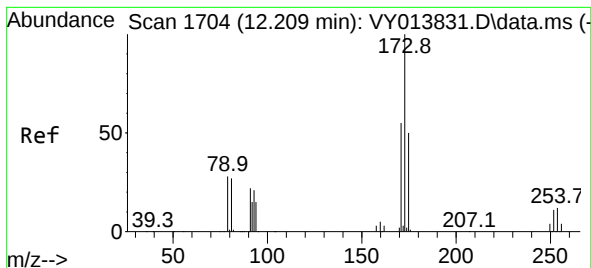
Ion Ratio Lower Upper

104 100

78 49.3 40.8 61.2

103 56.2 44.2 66.4





#71

Bromoform

Concen: 9.493 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

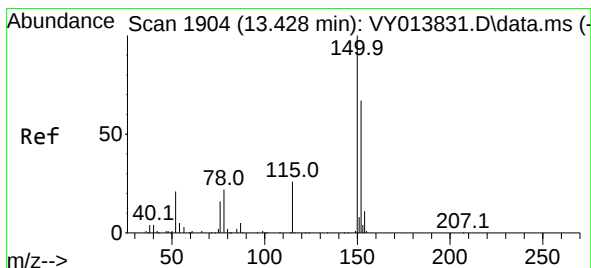
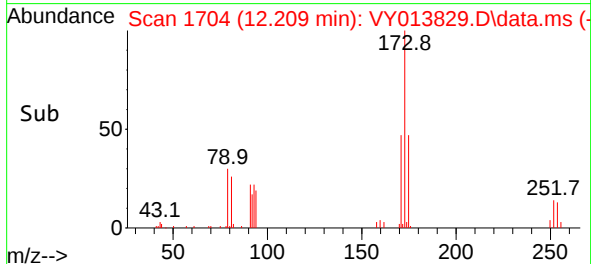
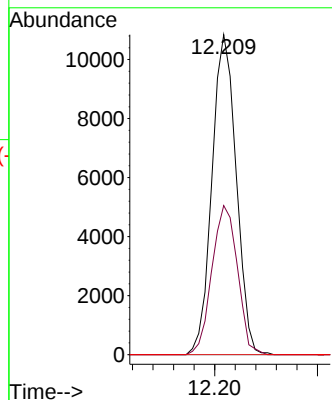
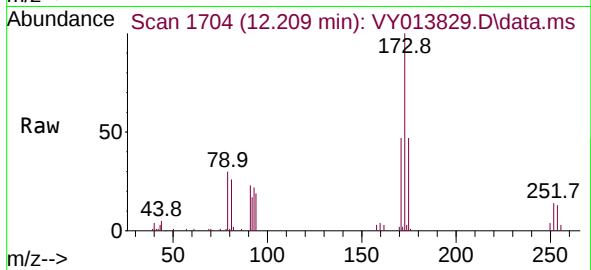
Tgt Ion:173 Resp: 17747

Ion Ratio Lower Upper

173 100

175 49.1 25.1 75.4

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

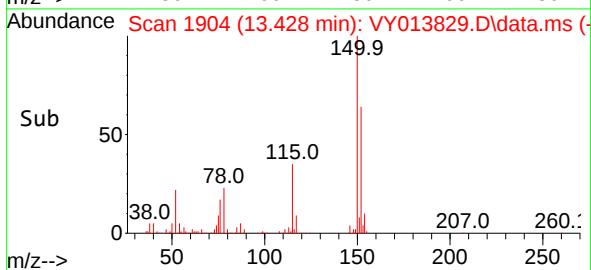
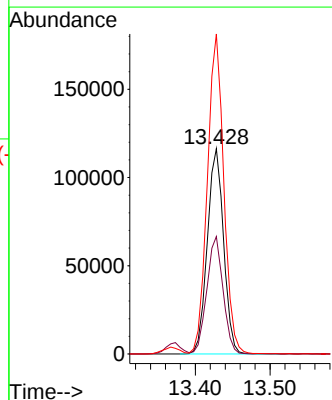
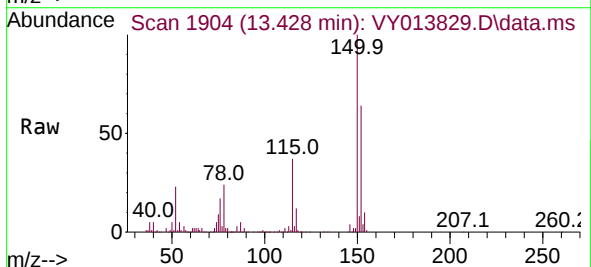
Tgt Ion:152 Resp: 175791

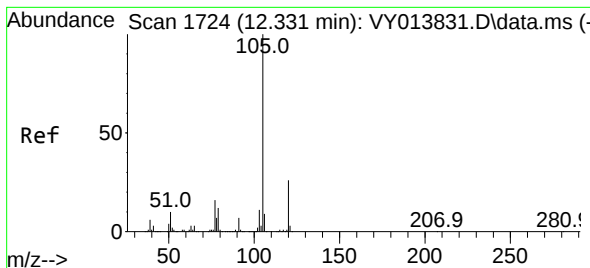
Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 157.3 0.0 353.4





#73

Isopropylbenzene

Concen: 8.842 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

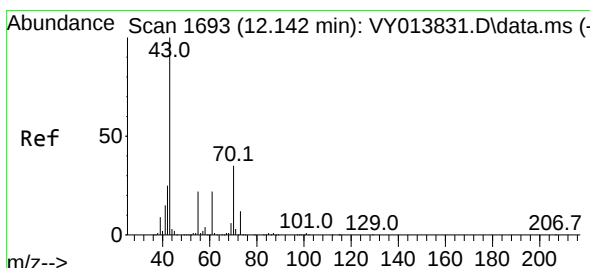
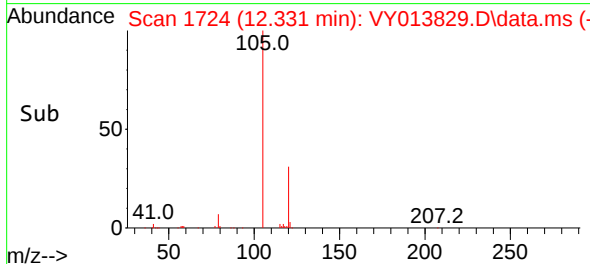
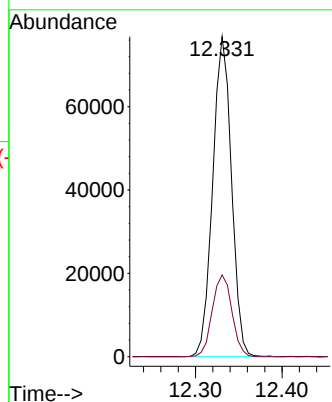
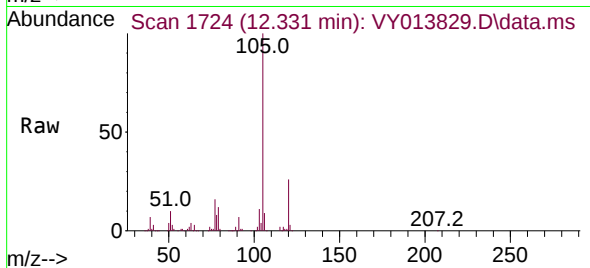
VSTDIC010

Tgt Ion:105 Resp: 115687

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.6



#74

N-ethyl acetate

Concen: 8.589 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

Tgt Ion: 43 Resp: 33786

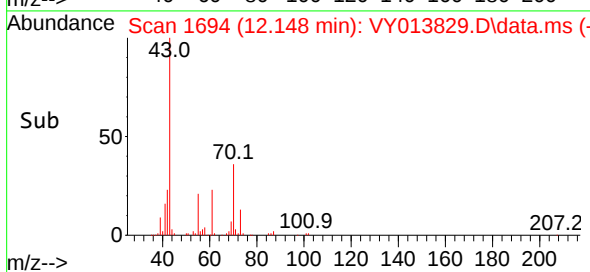
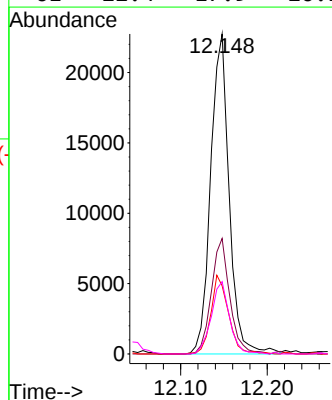
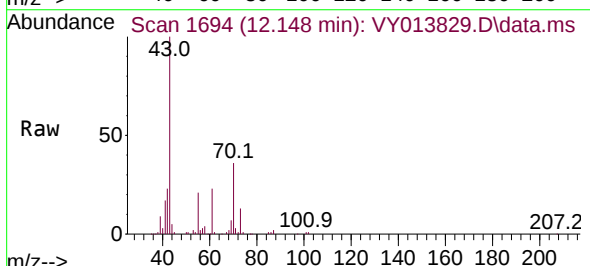
Ion Ratio Lower Upper

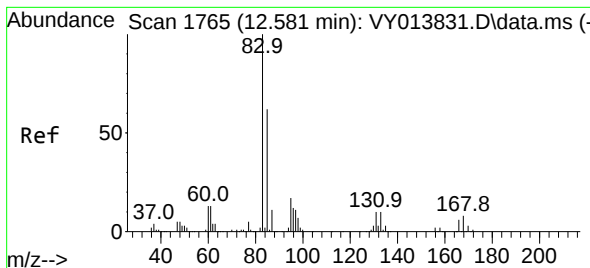
43 100

70 35.9 29.3 43.9

55 23.4 18.0 27.0

61 22.4 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 9.508 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

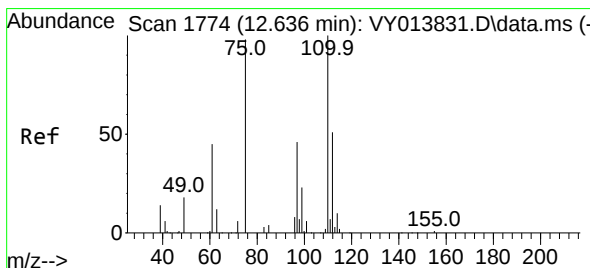
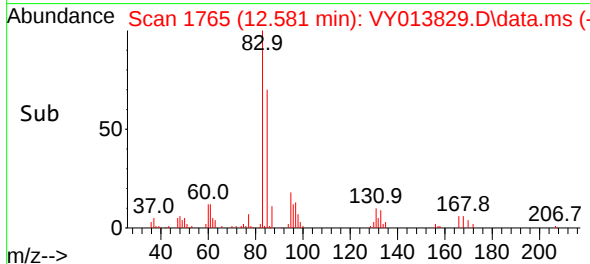
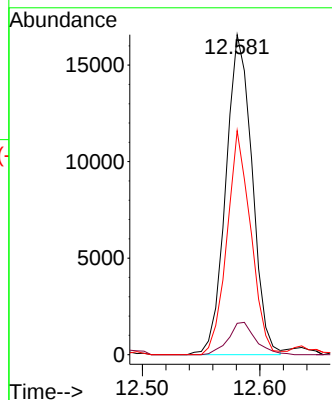
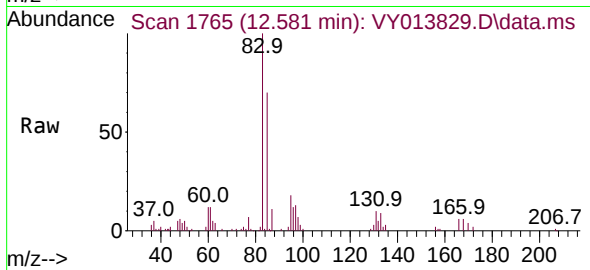
Tgt Ion: 83 Resp: 25752

Ion Ratio Lower Upper

83 100

131 10.4 5.3 16.1

85 63.5 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 15.575 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY013829.D

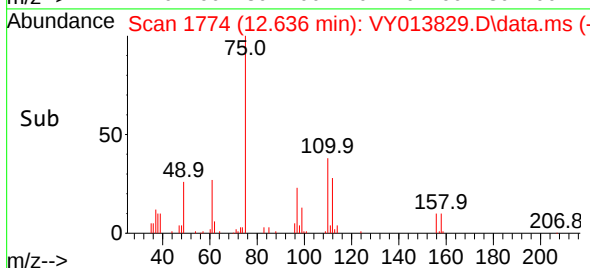
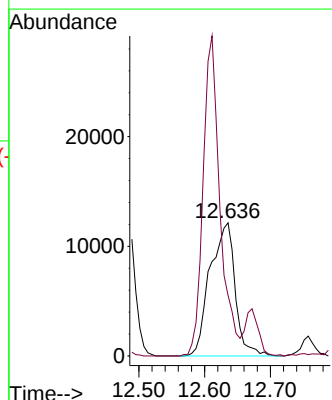
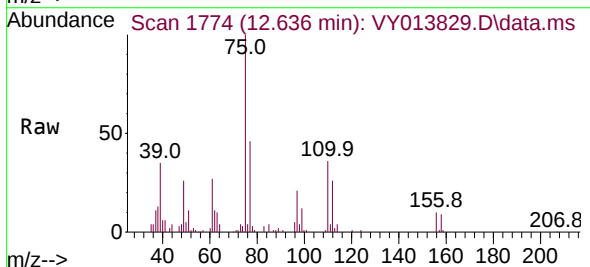
Acq: 23 May 2023 11:45

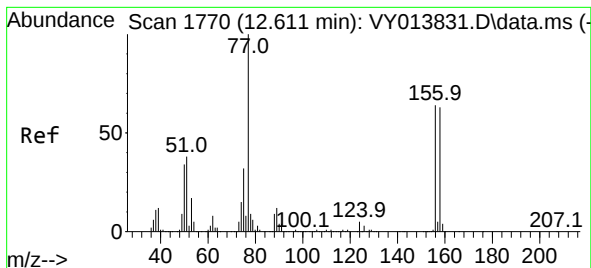
Tgt Ion: 75 Resp: 32285

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 9.358 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

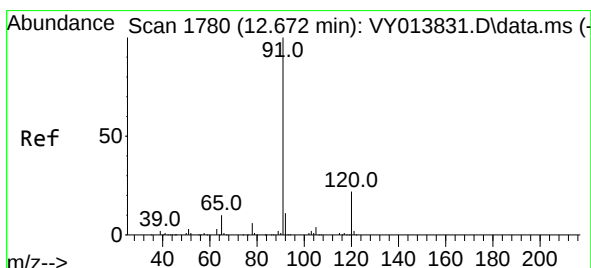
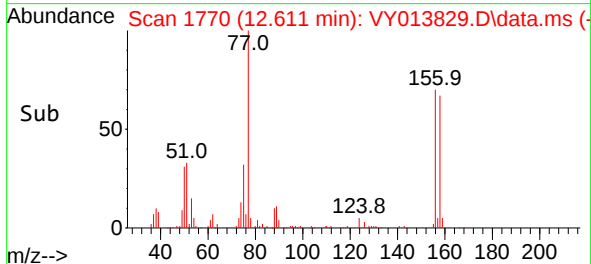
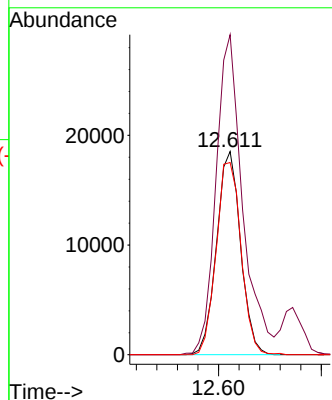
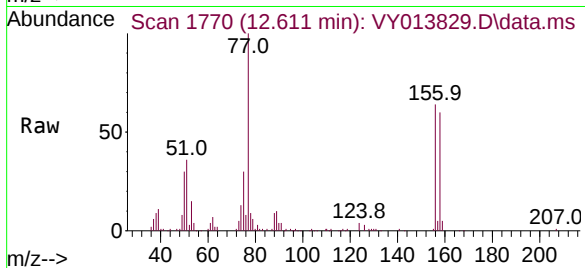
Tgt Ion:156 Resp: 30042

Ion Ratio Lower Upper

156 100

77 174.3 91.6 274.8

158 98.0 48.9 146.6



#78

n-propylbenzene

Concen: 8.850 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY013829.D

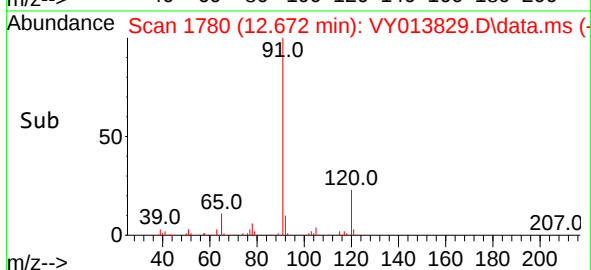
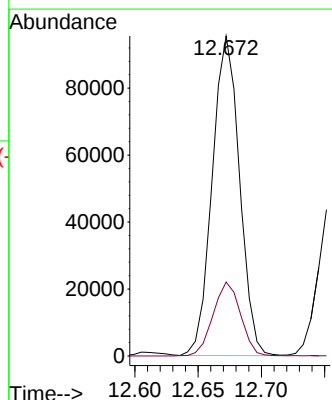
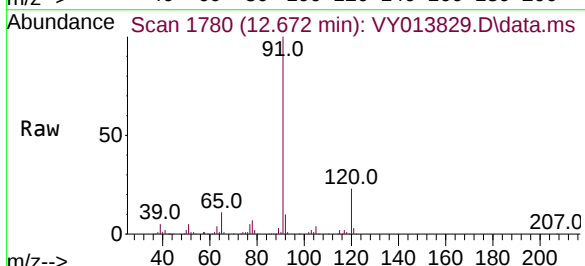
Acq: 23 May 2023 11:45

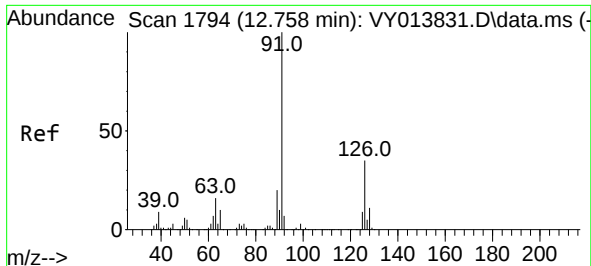
Tgt Ion: 91 Resp: 143044

Ion Ratio Lower Upper

91 100

120 23.3 11.3 33.9

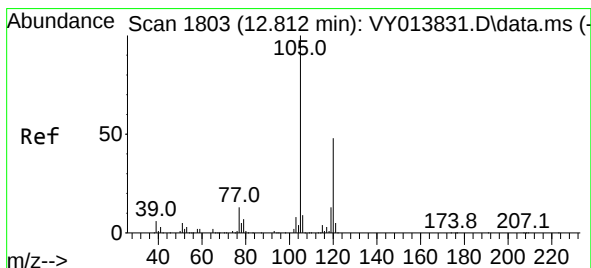
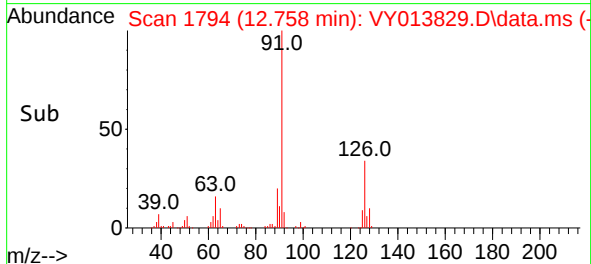
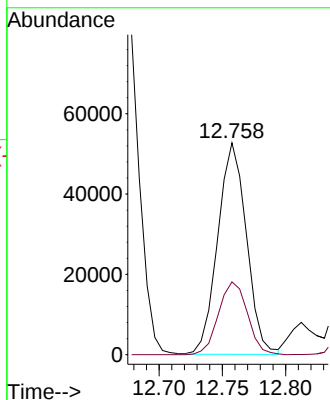
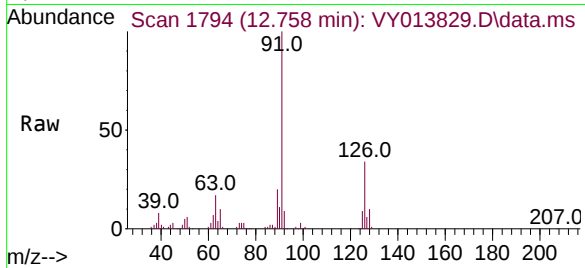




#79
2-Chlorotoluene
Concen: 9.210 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

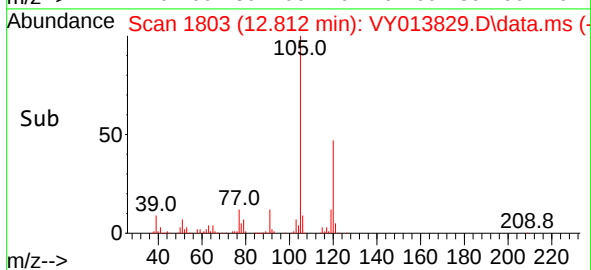
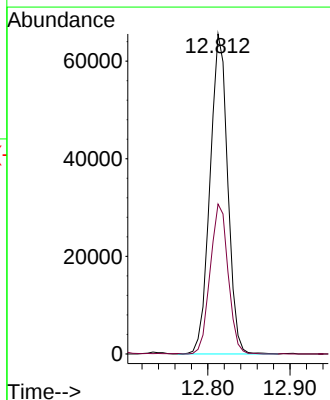
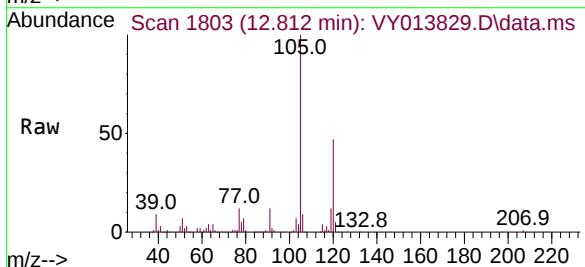
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

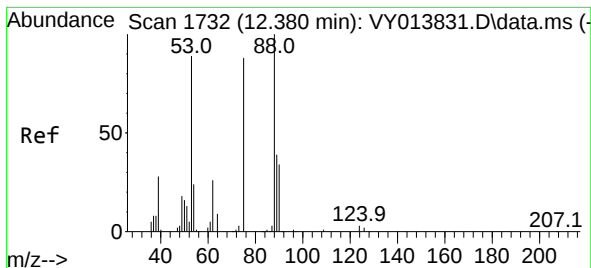
Tgt Ion: 91 Resp: 83151
Ion Ratio Lower Upper
91 100
126 34.6 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 9.098 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

Tgt Ion: 105 Resp: 98262
Ion Ratio Lower Upper
105 100
120 47.4 23.9 71.7

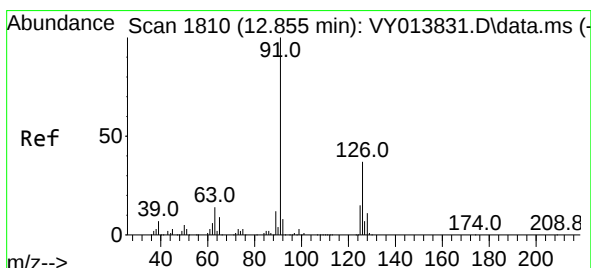
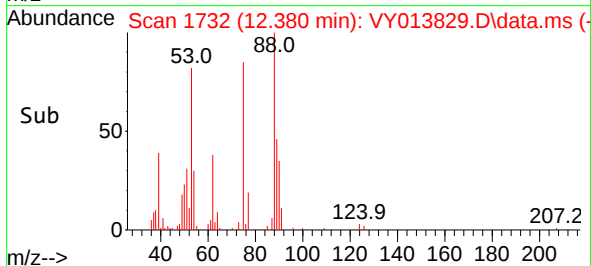
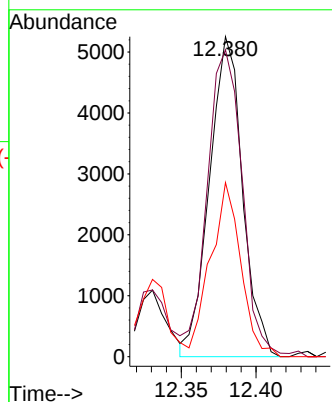
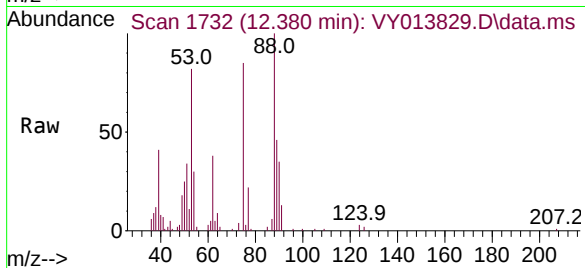




#81
trans-1,4-Dichloro-2-butene
Concen: 8.443 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

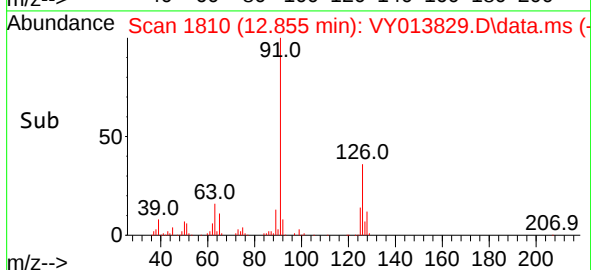
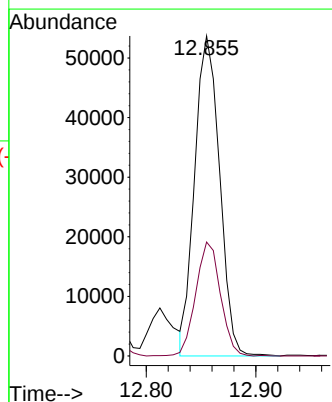
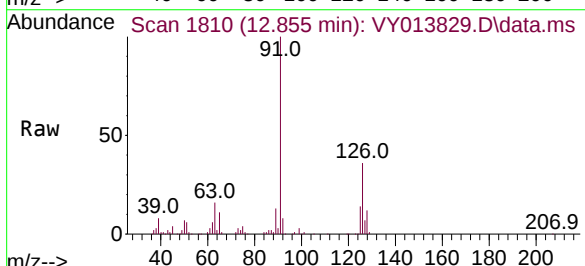
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

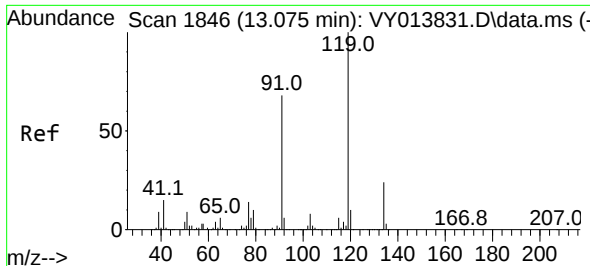
Tgt Ion: 75 Resp: 8062
Ion Ratio Lower Upper
75 100
53 101.4 79.7 119.5
89 49.9 36.4 54.6



#82
4-Chlorotoluene
Concen: 9.091 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

Tgt Ion: 91 Resp: 84841
Ion Ratio Lower Upper
91 100
126 35.3 17.9 53.7

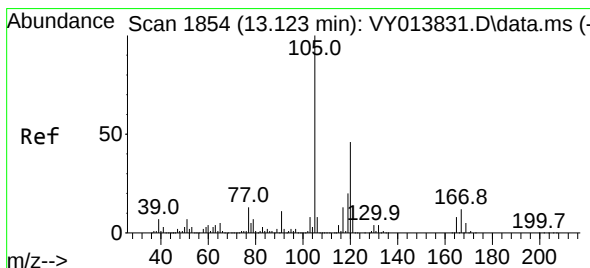
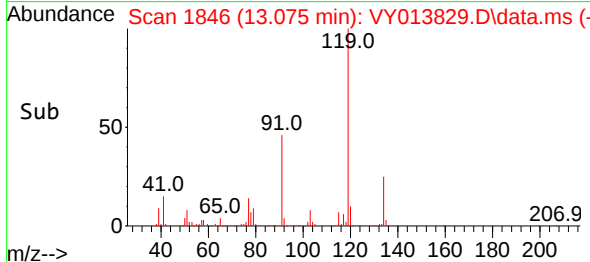
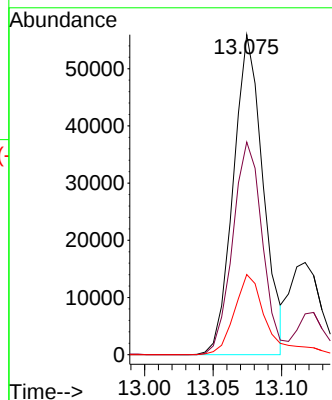
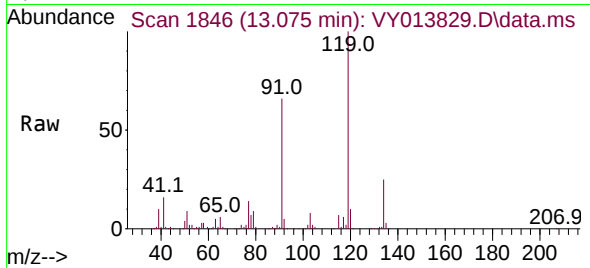




#83
tert-Butylbenzene
Concen: 9.020 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

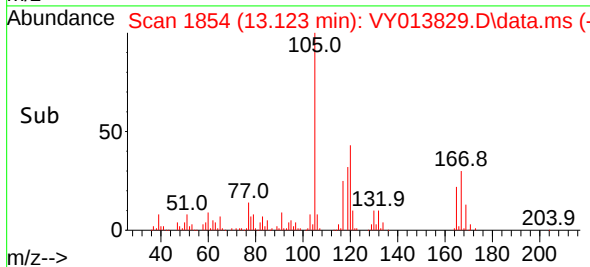
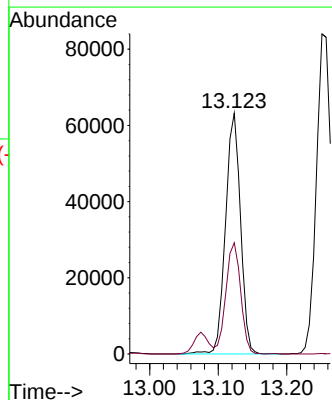
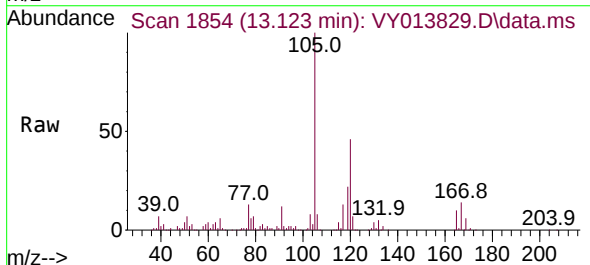
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

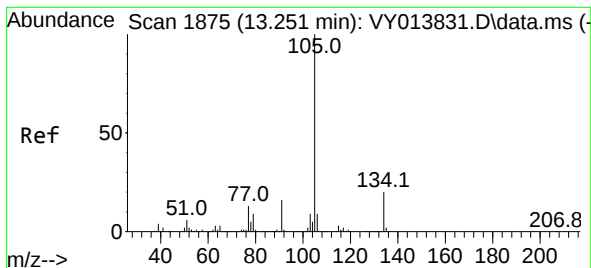
Tgt Ion:119 Resp: 84845
Ion Ratio Lower Upper
119 100
91 66.8 33.7 101.0
134 27.2 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 9.034 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

Tgt Ion:105 Resp: 95775
Ion Ratio Lower Upper
105 100
120 45.6 22.4 67.3





#85

sec-Butylbenzene

Concen: 9.237 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

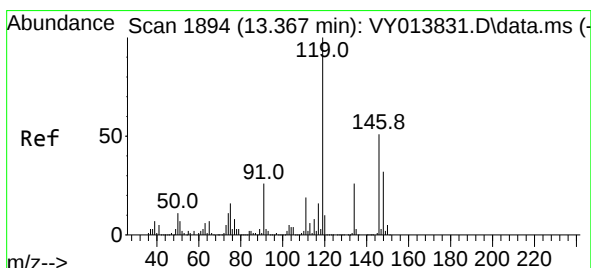
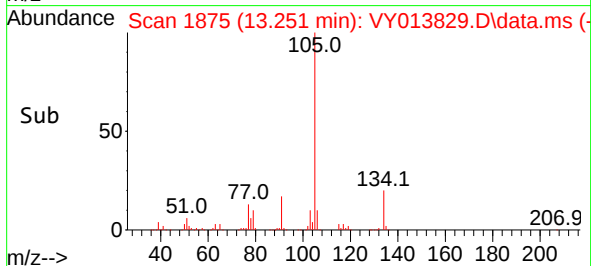
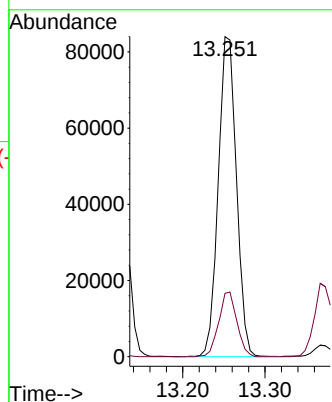
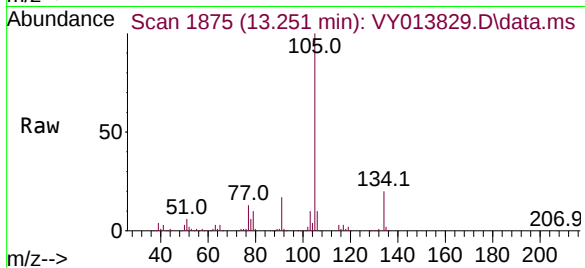
VSTDIC010

Tgt Ion:105 Resp: 129074

Ion Ratio Lower Upper

105 100

134 20.1 10.3 30.8



#86

p-Isopropyltoluene

Concen: 9.153 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

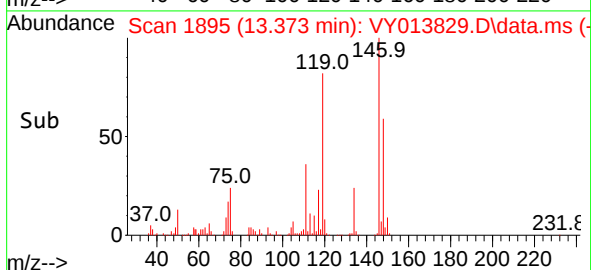
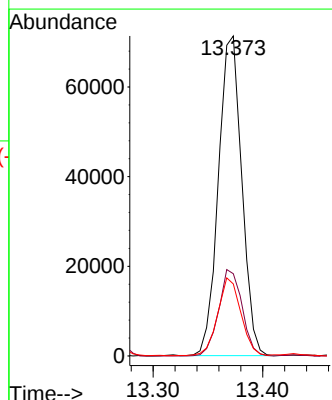
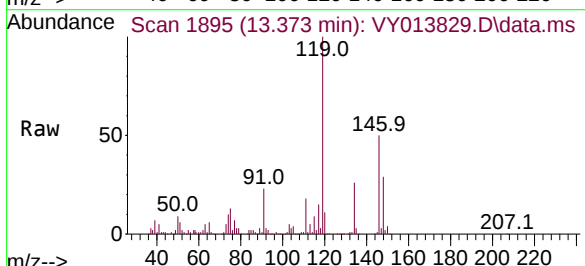
Tgt Ion:119 Resp: 105713

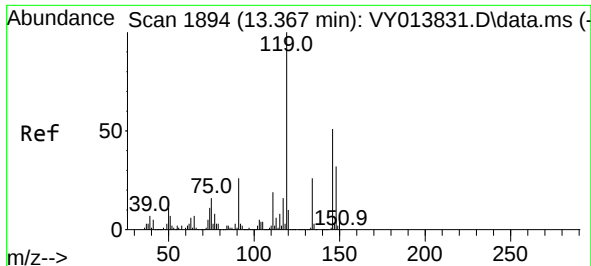
Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.9

91 24.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 9.717 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

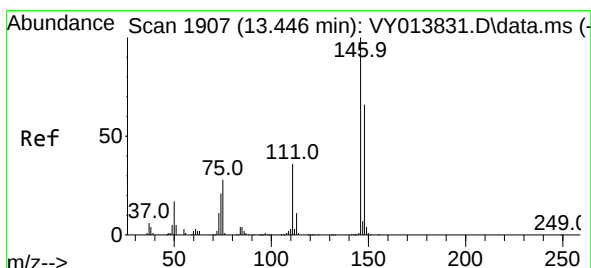
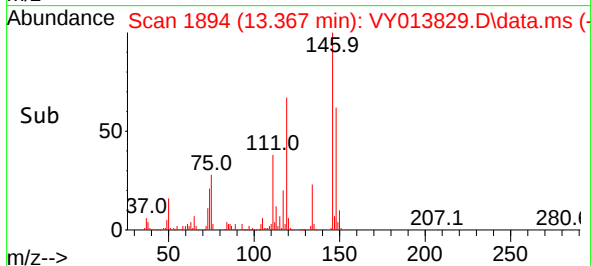
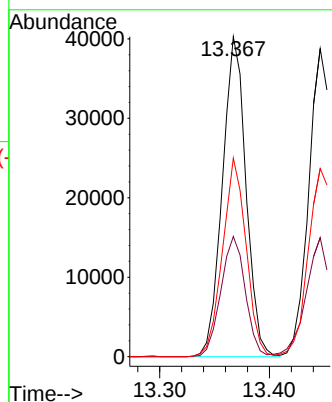
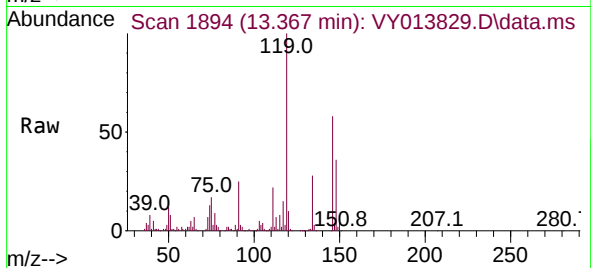
Tgt Ion:146 Resp: 60250

Ion Ratio Lower Upper

146 100

111 38.7 19.1 57.5

148 61.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 9.585 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

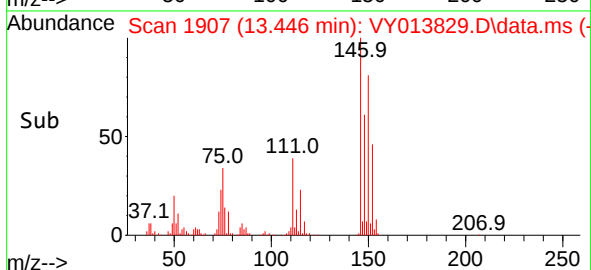
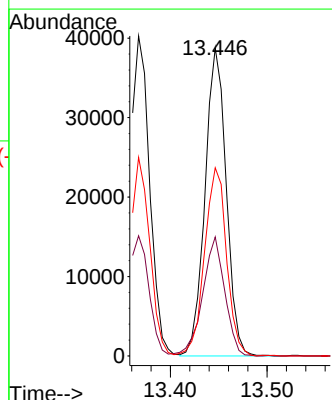
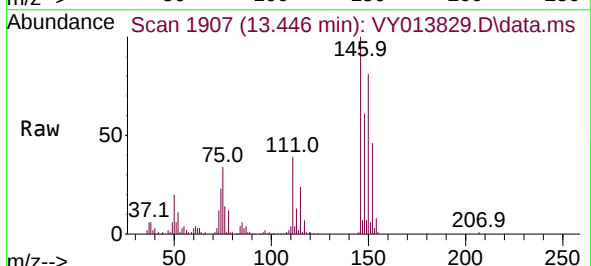
Tgt Ion:146 Resp: 59172

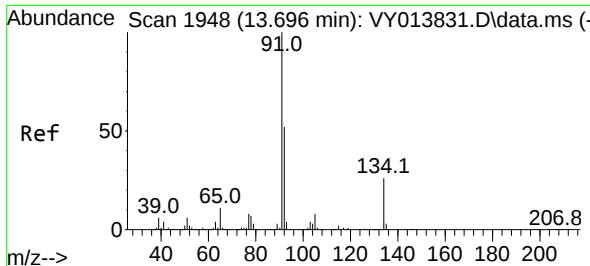
Ion Ratio Lower Upper

146 100

111 40.5 18.6 55.8

148 63.4 32.4 97.2

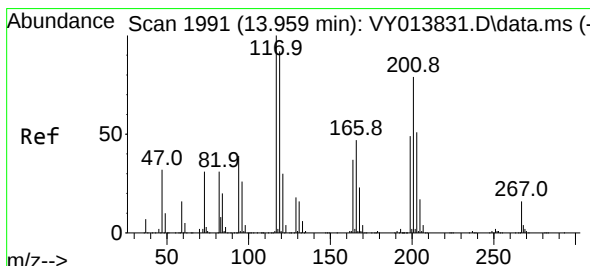
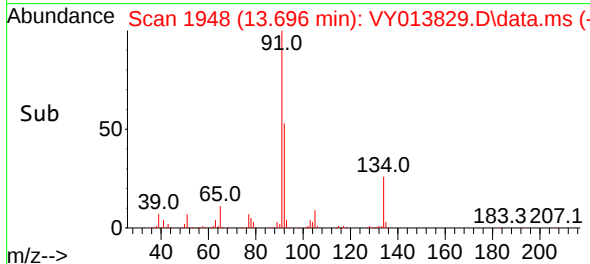
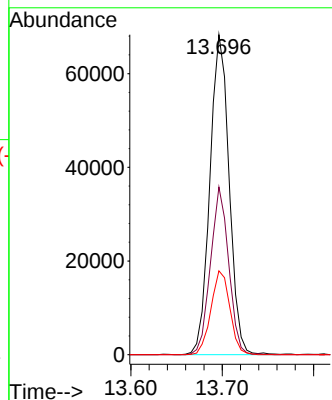
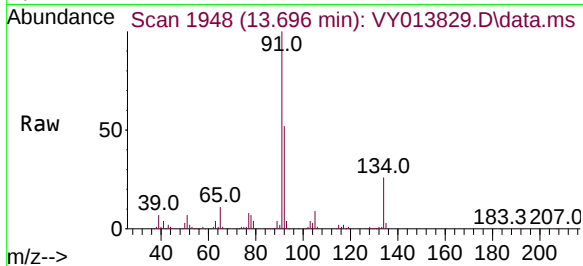




#89
n-Butylbenzene
Concen: 9.006 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

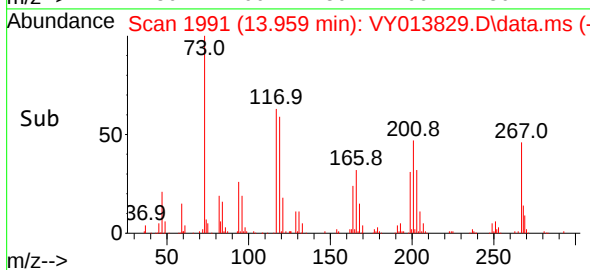
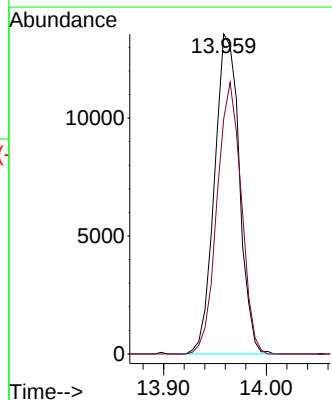
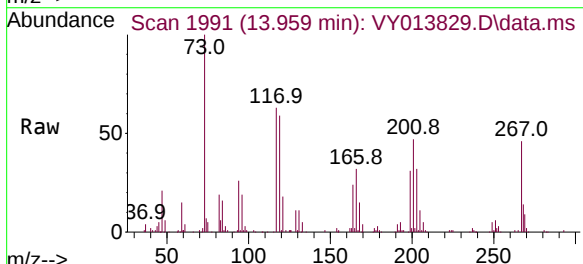
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

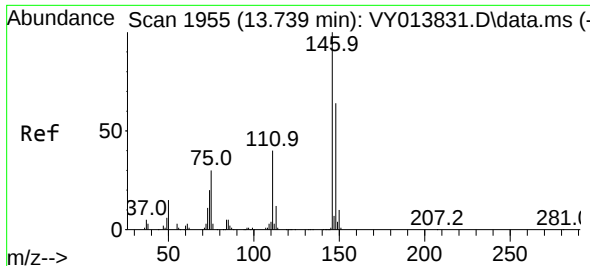
Tgt Ion:	91	Resp:	99741
Ion	Ratio	Lower	Upper
91	100		
92	49.6	25.6	76.6
134	25.8	13.0	38.9



#90
Hexachloroethane
Concen: 9.575 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY013829.D
Acq: 23 May 2023 11:45

Tgt Ion:	117	Resp:	22705
Ion	Ratio	Lower	Upper
117	100		
201	83.0	42.3	126.8

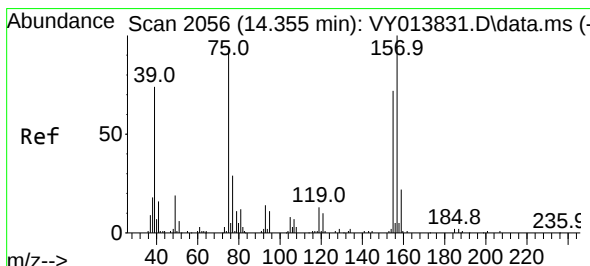
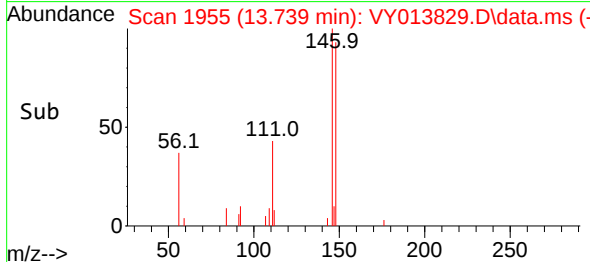
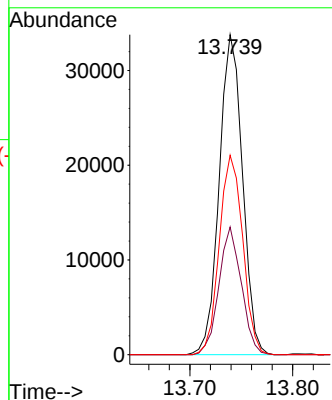
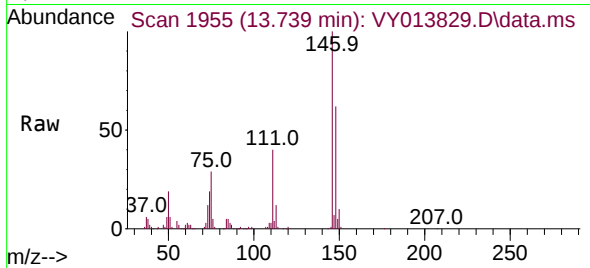




#91
 1,2-Dichlorobenzene
 Concen: 9.648 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. -0.000 min
 Lab File: VY013829.D
 Acq: 23 May 2023 11:45

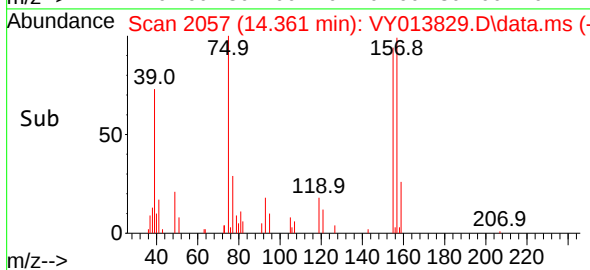
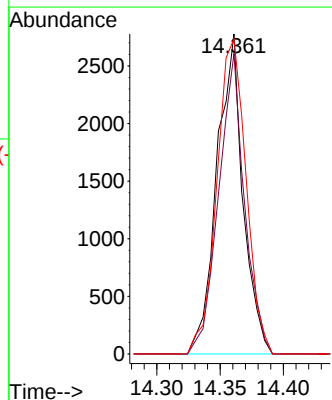
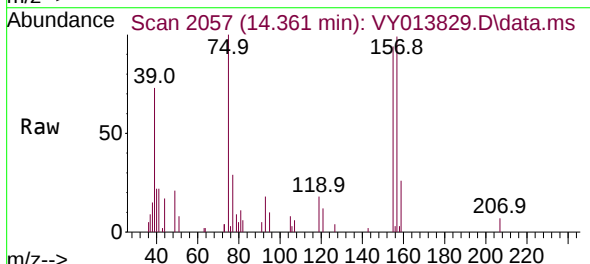
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

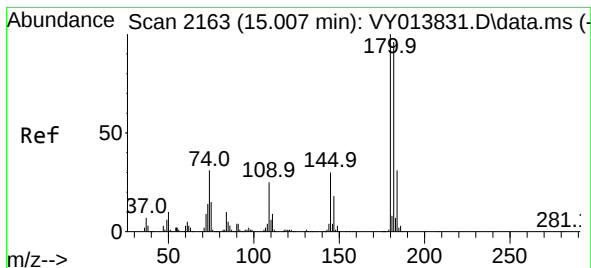
Tgt Ion:	146	Resp:	53169
Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.6	58.8
148	62.7	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 8.404 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. 0.006 min
 Lab File: VY013829.D
 Acq: 23 May 2023 11:45

Tgt Ion:	75	Resp:	3988
Ion	Ratio	Lower	Upper
75	100		
155	92.9	39.9	119.6
157	109.8	54.6	163.8





#93

1,2,4-Trichlorobenzene

Concen: 9.235 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

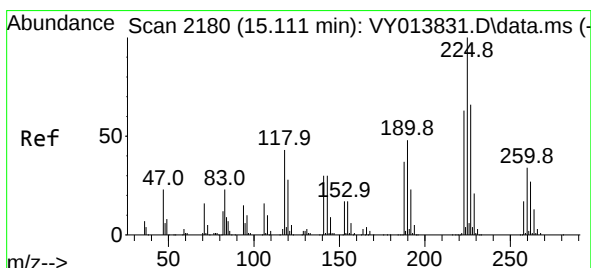
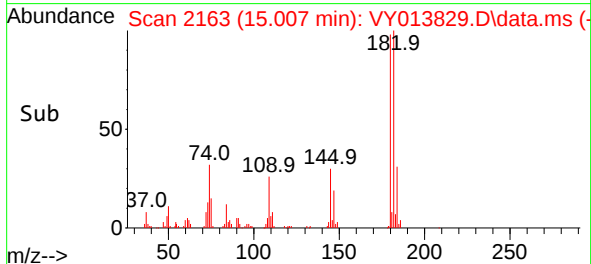
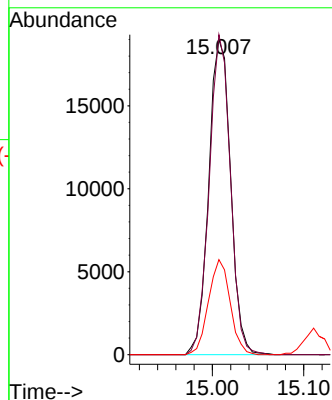
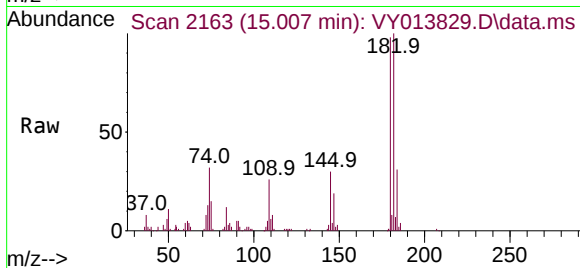
Tgt Ion:180 Resp: 31548

Ion Ratio Lower Upper

180 100

182 98.0 48.1 144.3

145 29.9 14.8 44.4



#94

Hexachlorobutadiene

Concen: 9.915 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

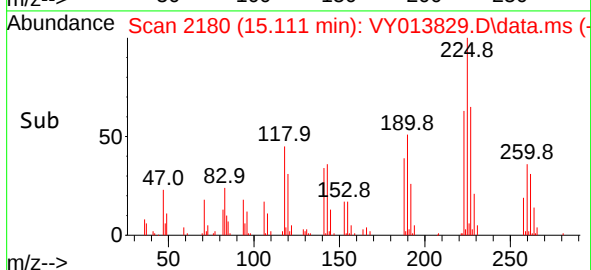
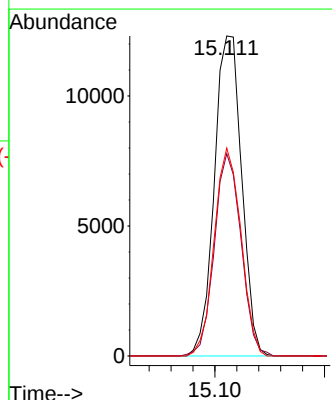
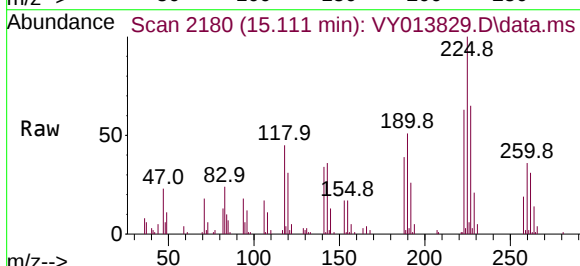
Tgt Ion:225 Resp: 21358

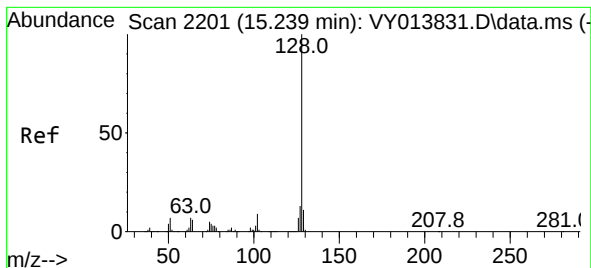
Ion Ratio Lower Upper

225 100

223 61.5 31.3 93.9

227 63.5 32.9 98.6





#95

Naphthalene

Concen: 11.065 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

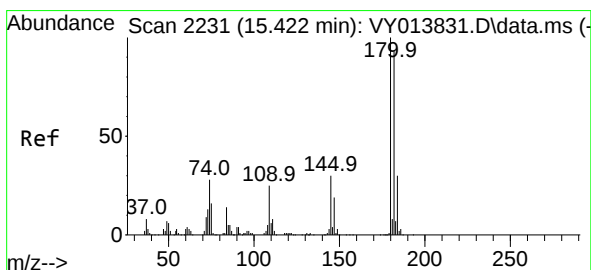
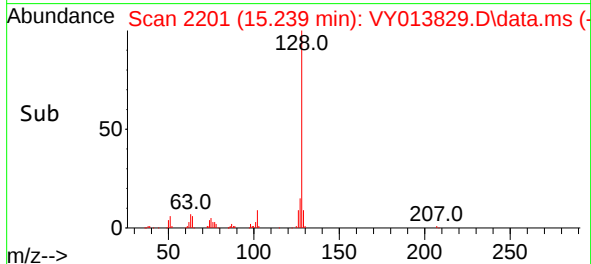
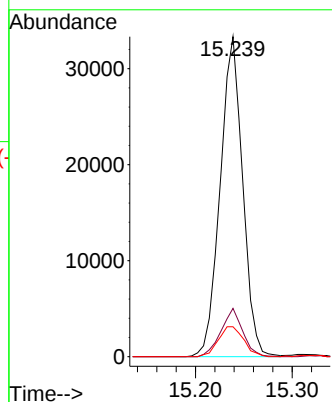
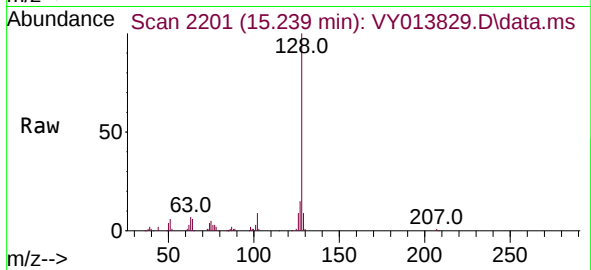
Tgt Ion:128 Resp: 53778

Ion Ratio Lower Upper

128 100

127 14.6 10.7 16.1

129 10.6 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 9.254 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY013829.D

Acq: 23 May 2023 11:45

Tgt Ion:180 Resp: 28113

Ion Ratio Lower Upper

180 100

182 95.6 47.4 142.2

145 29.6 15.5 46.5

