

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052323\
 Data File : VY013827.D
 Acq On : 23 May 2023 10:09
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 24 05:36:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	274289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	428619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	376290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	172798	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	172136	54.246	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.500%	
35) Dibromofluoromethane	7.722	113	149848	54.135	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.260%	
50) Toluene-d8	10.185	98	570187	54.198	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.400%	
62) 4-Bromofluorobenzene	12.483	95	194691	55.674	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.340%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	102908	40.959	ug/l	99
3) Chloromethane	2.119	50	124100	40.544	ug/l	100
4) Vinyl Chloride	2.260	62	128381	41.014	ug/l	99
5) Bromomethane	2.650	94	95199	38.272	ug/l	99
6) Chloroethane	2.796	64	84656	41.504	ug/l	98
7) Trichlorofluoromethane	3.131	101	234142	44.445	ug/l	100
8) Diethyl Ether	3.540	74	76478	47.330	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.906	101	129560	45.367	ug/l	99
10) Methyl Iodide	4.101	142	152254	44.907	ug/l	99
11) Tert butyl alcohol	4.966	59	109469	450.318	ug/l #	89
12) 1,1-Dichloroethene	3.881	96	119281	44.458	ug/l	98
13) Acrolein	3.735	56	127826	349.577	ug/l	100
14) Allyl chloride	4.491	41	225703	46.079	ug/l	99
15) Acrylonitrile	5.168	53	209886	253.335	ug/l	99
16) Acetone	3.954	43	267429	283.949	ug/l	100
17) Carbon Disulfide	4.204	76	301099	37.597	ug/l	100
18) Methyl Acetate	4.485	43	163655	50.087	ug/l	99
19) Methyl tert-butyl Ether	5.229	73	364162	49.736	ug/l	96
20) Methylene Chloride	4.723	84	162716	48.658	ug/l	96
21) trans-1,2-Dichloroethene	5.229	96	127225	43.622	ug/l	98
22) Diisopropyl ether	6.131	45	459886	48.627	ug/l	97
23) Vinyl Acetate	6.070	43	1353888	245.790	ug/l	100
24) 1,1-Dichloroethane	6.027	63	255779	46.327	ug/l	99
25) 2-Butanone	6.990	43	314850	273.964	ug/l	97
26) 2,2-Dichloropropane	6.990	77	242722	48.806	ug/l	98
27) cis-1,2-Dichloroethene	6.997	96	153432	46.830	ug/l	98
28) Bromochloromethane	7.344	49	84397	52.079	ug/l	98
29) Tetrahydrofuran	7.350	42	177977	259.385	ug/l	99
30) Chloroform	7.515	83	271574	48.517	ug/l	100
31) Cyclohexane	7.789	56	200416	41.107	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	242544	47.497	ug/l	97
36) 1,1-Dichloropropene	7.923	75	187613	44.499	ug/l	99
37) Ethyl Acetate	7.082	43	122810	47.753	ug/l	100
38) Carbon Tetrachloride	7.905	117	217959	45.459	ug/l	99
39) Methylcyclohexane	9.185	83	211325	42.800	ug/l	97
40) Benzene	8.167	78	549375	45.367	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052323\
 Data File : VY013827.D
 Acq On : 23 May 2023 10:09
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 24 05:36:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	172877	123.202	ug/l #	20
42) 1,2-Dichloroethane	8.240	62	184123	46.439	ug/l	99
43) Isopropyl Acetate	8.277	43	228599	48.779	ug/l	99
44) Trichloroethene	8.941	130	152383	46.708	ug/l	98
45) 1,2-Dichloropropane	9.216	63	145214	46.811	ug/l	100
46) Dibromomethane	9.307	93	83770	47.151	ug/l	99
47) Bromodichloromethane	9.496	83	206884	47.783	ug/l	99
48) Methyl methacrylate	9.295	41	104774	47.610	ug/l	93
49) 1,4-Dioxane	9.307	88	21264	1018.404	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	630159	252.316	ug/l	100
52) Toluene	10.246	92	342851	46.435	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	211856	48.070	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	235747	47.748	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	115768	48.435	ug/l	97
56) Ethyl methacrylate	10.508	69	160344	50.256	ug/l	98
57) 1,3-Dichloropropane	10.789	76	192335	47.249	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	232782	228.657	ug/l	98
59) 2-Hexanone	10.831	43	469391	264.221	ug/l	100
60) Dibromochloromethane	10.984	129	149931	49.589	ug/l	100
61) 1,2-Dibromoethane	11.087	107	109676	48.236	ug/l	99
64) Tetrachloroethene	10.721	164	122980	44.171	ug/l	98
65) Chlorobenzene	11.514	112	374232	47.452	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	148858	48.904	ug/l	99
67) Ethyl Benzene	11.593	91	675390	47.588	ug/l	100
68) m/p-Xylenes	11.703	106	506448	94.293	ug/l	99
69) o-Xylene	12.032	106	245740	48.572	ug/l	99
70) Styrene	12.044	104	413251	48.221	ug/l	99
71) Bromoform	12.209	173	100082	50.307	ug/l #	97
73) Isopropylbenzene	12.331	105	654158	50.863	ug/l	100
74) N-amyl acetate	12.142	43	202718	52.425	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	139867	52.534	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	185830	91.204	ug/l #	100
77) Bromobenzene	12.611	156	159967	50.691	ug/l	99
78) n-propylbenzene	12.672	91	790775	49.769	ug/l	100
79) 2-Chlorotoluene	12.758	91	443170	49.934	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	547918	51.611	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	49793	53.047	ug/l	98
82) 4-Chlorotoluene	12.855	91	453517	49.440	ug/l	100
83) tert-Butylbenzene	13.075	119	470400	50.874	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	555581	53.313	ug/l	100
85) sec-Butylbenzene	13.252	105	702457	51.143	ug/l	99
86) p-Isopropyltoluene	13.373	119	577452	50.866	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	303808	49.845	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	303341	49.989	ug/l	100
89) n-Butylbenzene	13.697	91	553700	50.861	ug/l	99
90) Hexachloroethane	13.965	117	119287	51.178	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	277376	51.207	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	24792	53.151	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	173306	51.609	ug/l	98
94) Hexachlorobutadiene	15.111	225	105069	49.623	ug/l	99
95) Naphthalene	15.239	128	344559	47.019	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	153056	51.253	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052323\
Data File : VY013827.D
Acq On : 23 May 2023 10:09
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: May 24 05:36:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration

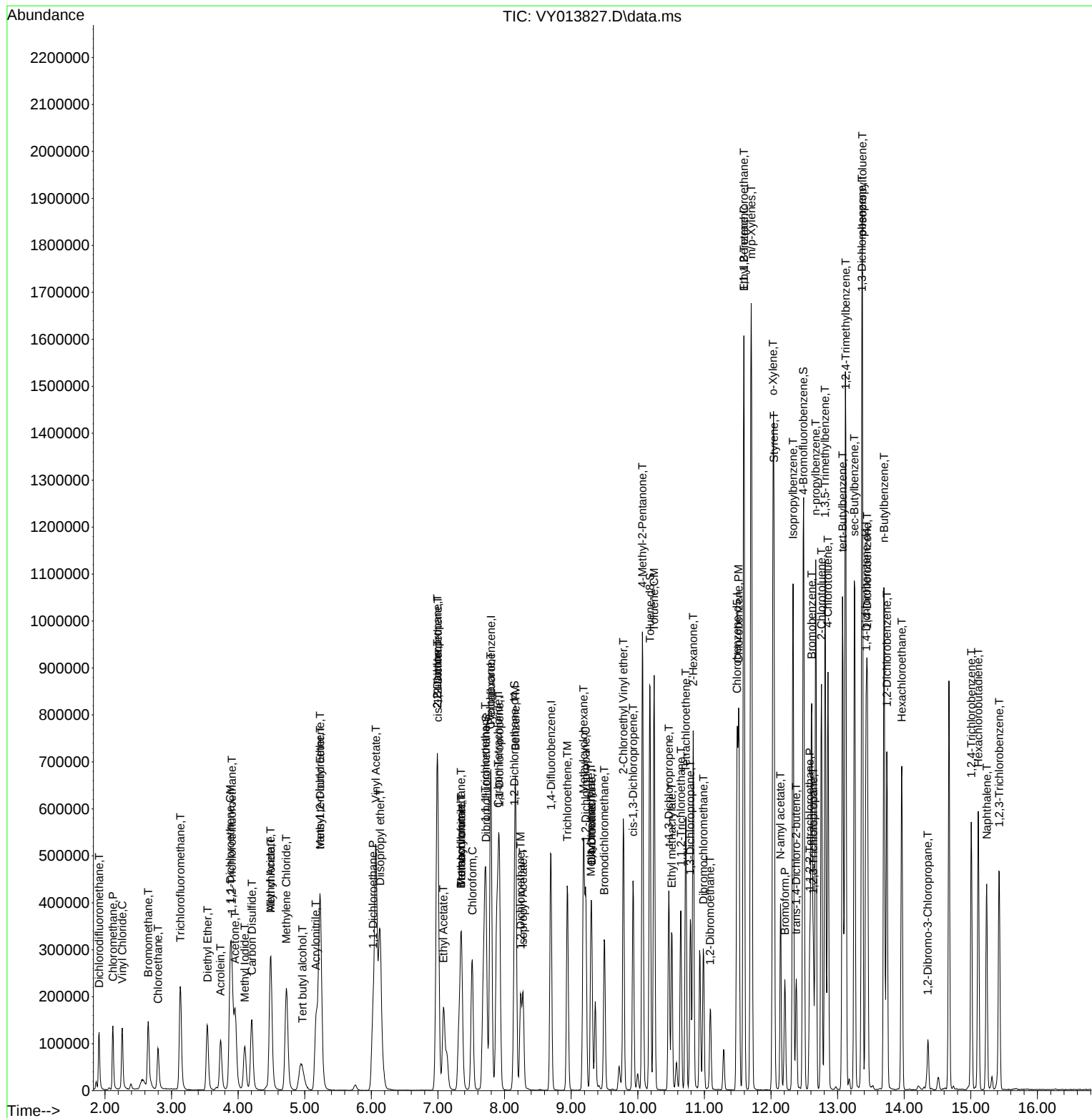
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

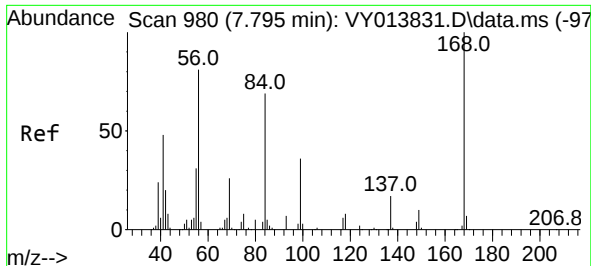
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052323\
 Data File : VY013827.D
 Acq On : 23 May 2023 10:09
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 24 05:36:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

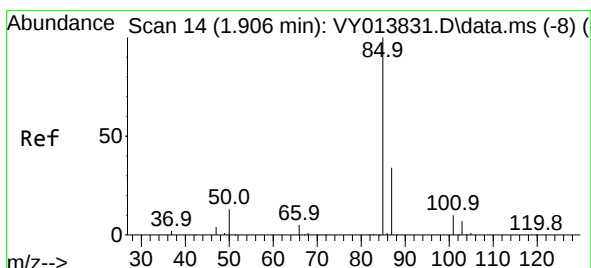
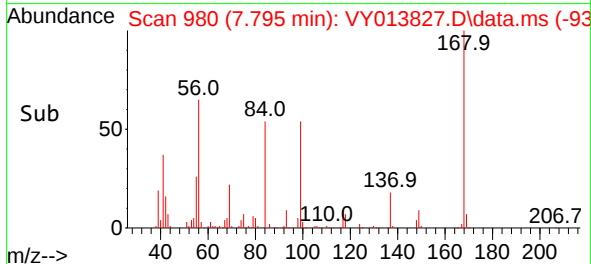
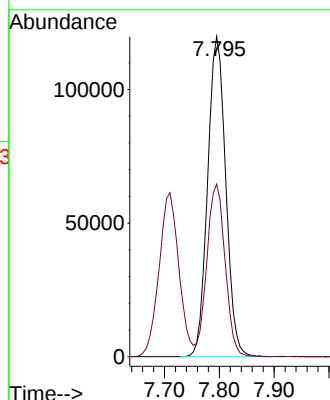
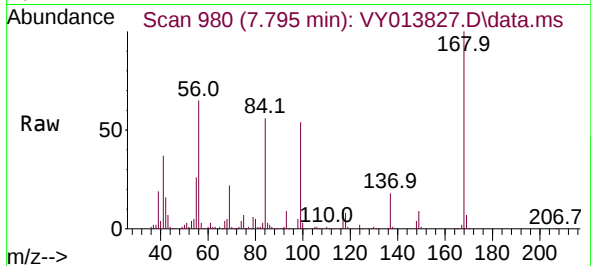




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

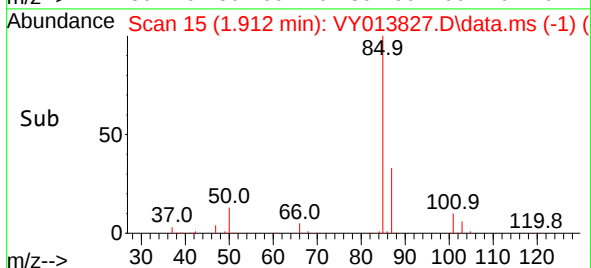
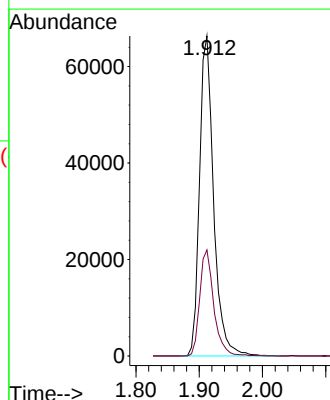
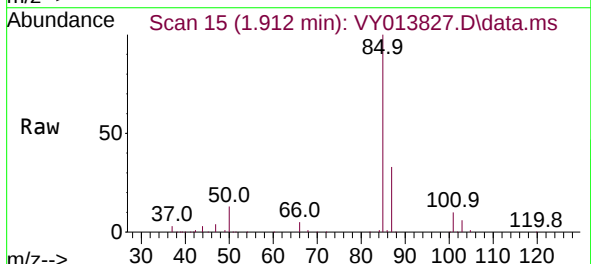
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

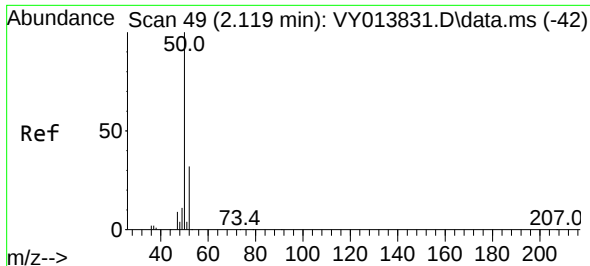
Tgt Ion:168 Resp: 274289
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.2



#2
Dichlorodifluoromethane
Concen: 40.959 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

Tgt Ion: 85 Resp: 102908
Ion Ratio Lower Upper
85 100
87 33.2 16.9 50.7

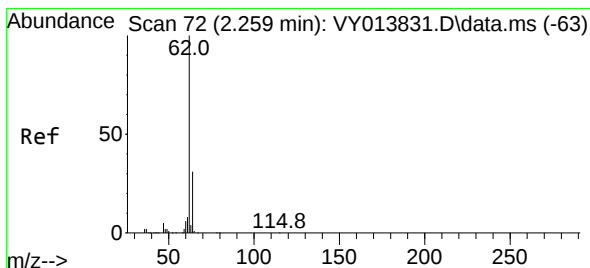
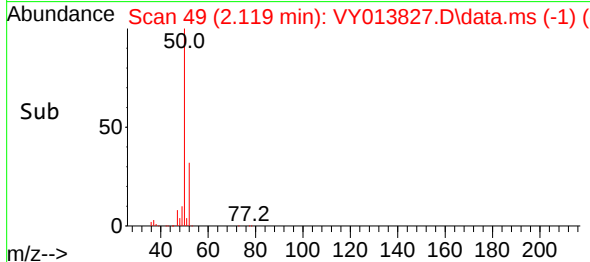
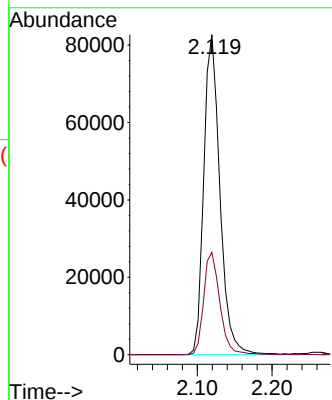
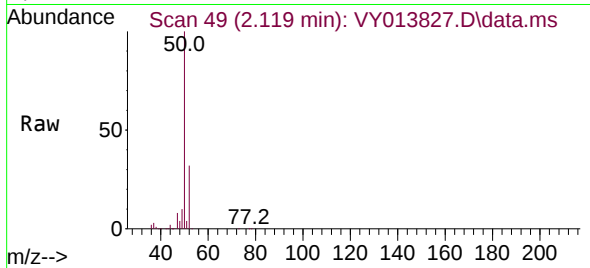




#3
Chloromethane
Concen: 40.544 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

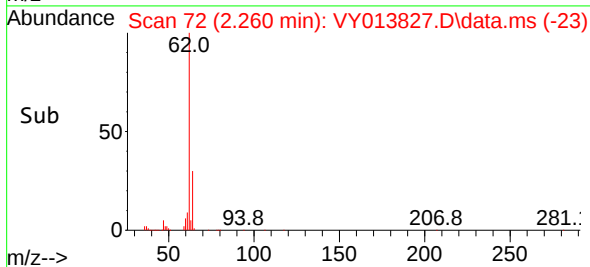
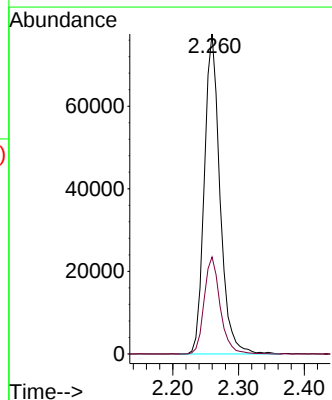
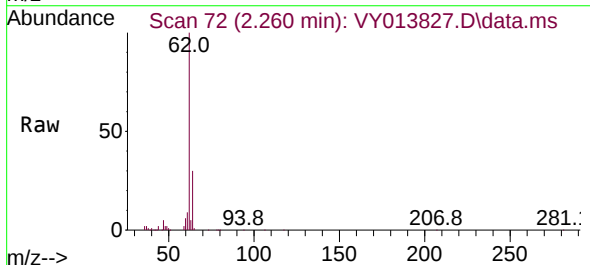
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

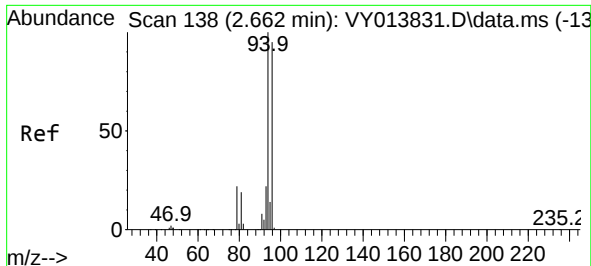
Tgt Ion: 50 Resp: 124100
Ion Ratio Lower Upper
50 100
52 31.9 25.7 38.5



#4
Vinyl Chloride
Concen: 41.014 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

Tgt Ion: 62 Resp: 128381
Ion Ratio Lower Upper
62 100
64 30.3 24.8 37.2

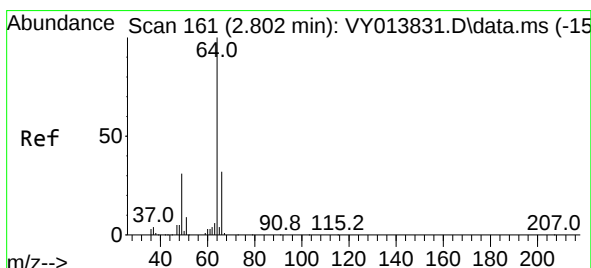
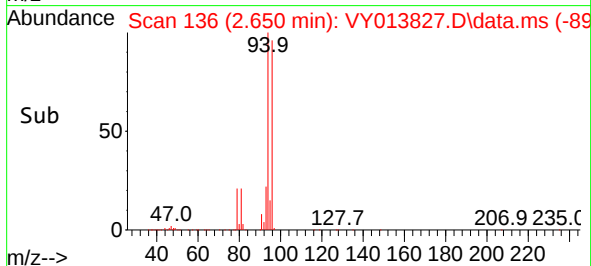
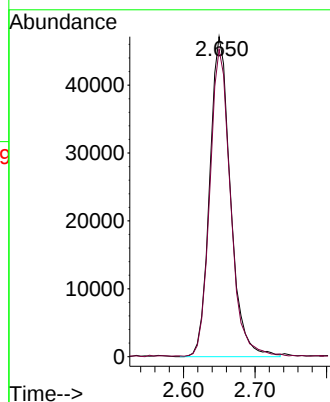
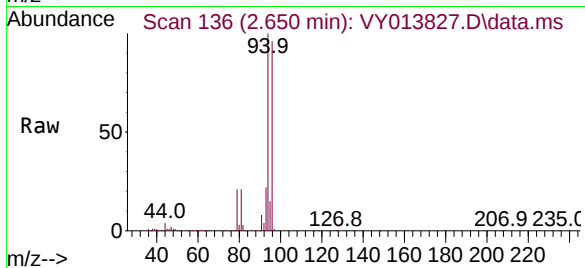




#5
Bromomethane
Concen: 38.272 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

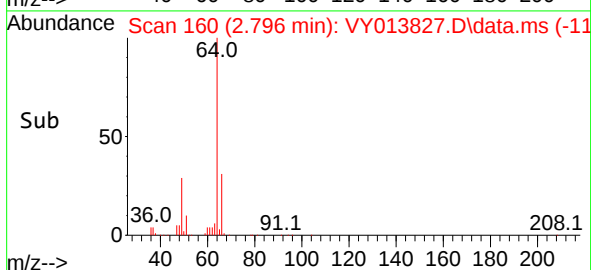
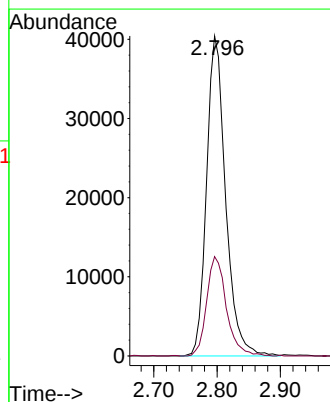
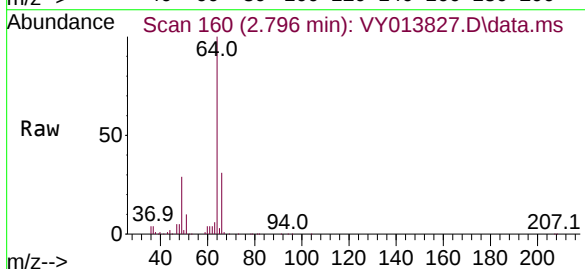
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

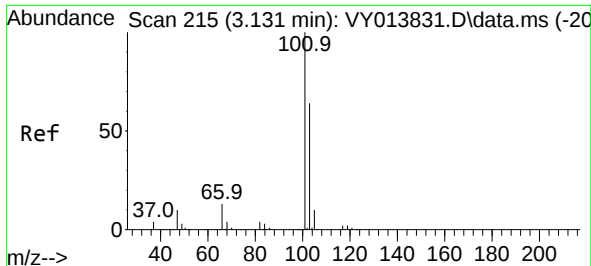
Tgt Ion: 94 Resp: 95199
Ion Ratio Lower Upper
94 100
96 95.8 76.2 114.2



#6
Chloroethane
Concen: 41.504 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

Tgt Ion: 64 Resp: 84656
Ion Ratio Lower Upper
64 100
66 31.0 25.7 38.5

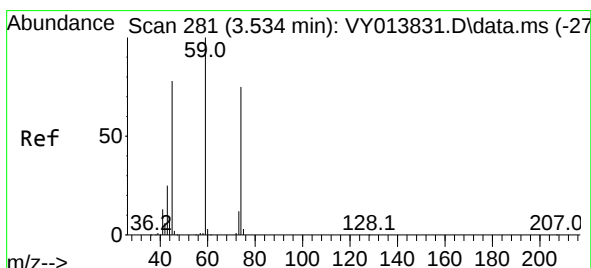
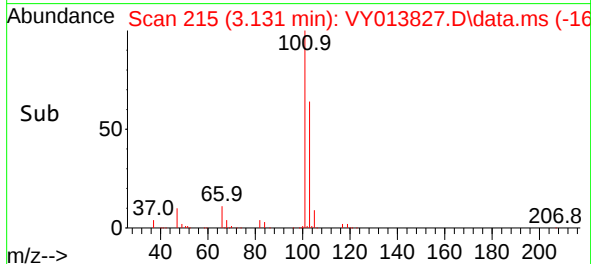
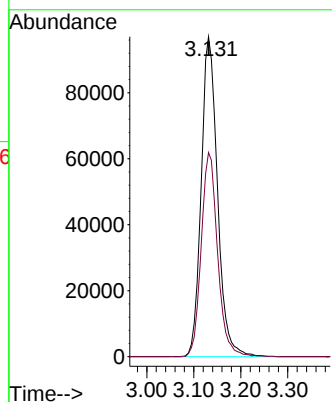
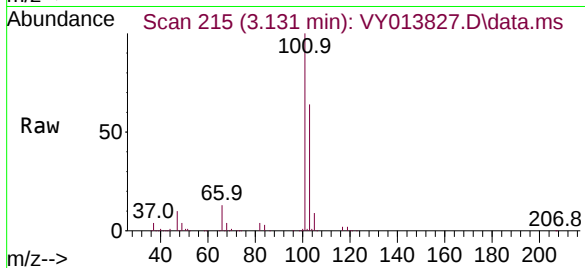




#7
 Trichlorofluoromethane
 Concen: 44.445 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY013827.D
 Acq: 23 May 2023 10:09

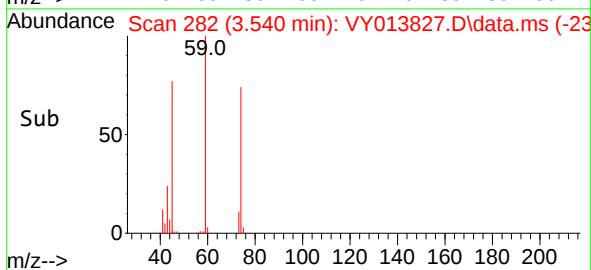
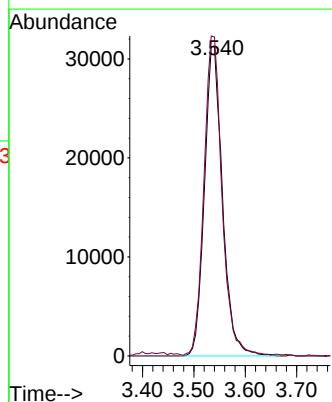
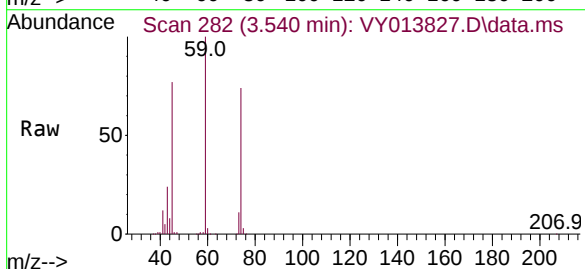
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

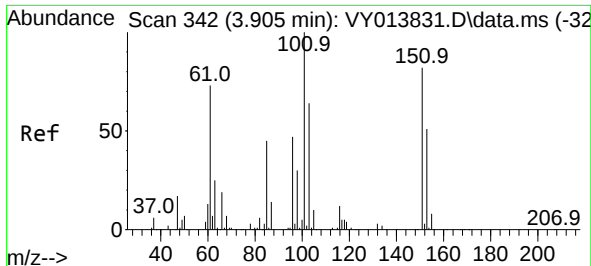
Tgt Ion:101 Resp: 234142
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.3 76.9



#8
 Diethyl Ether
 Concen: 47.330 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.006 min
 Lab File: VY013827.D
 Acq: 23 May 2023 10:09

Tgt Ion: 74 Resp: 76478
 Ion Ratio Lower Upper
 74 100
 45 102.8 51.8 155.5

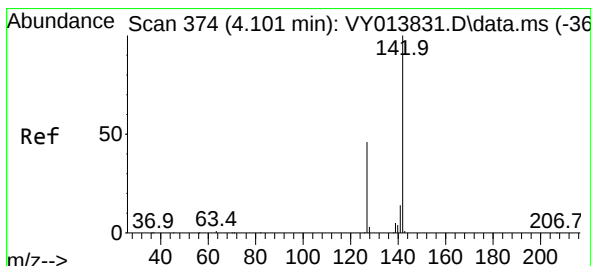
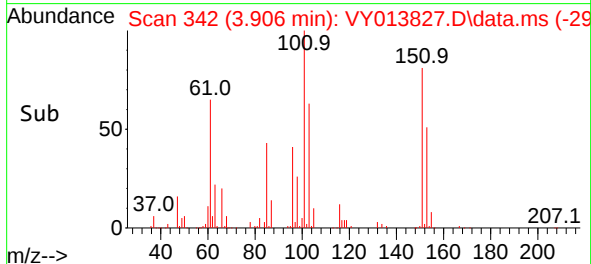
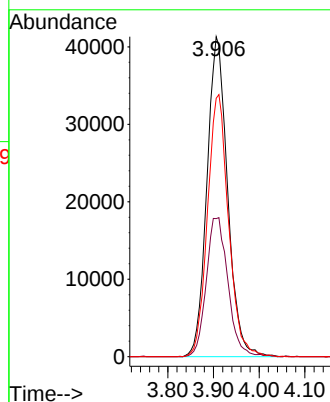
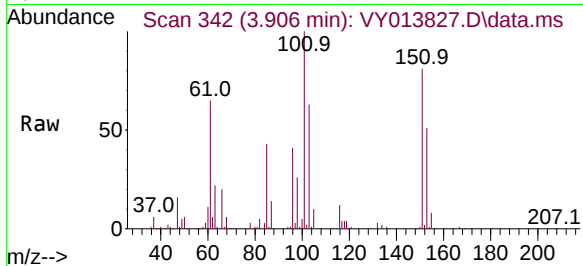




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.367 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

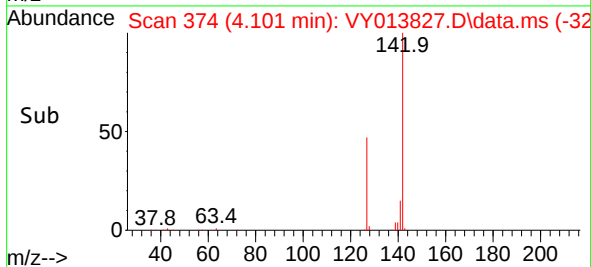
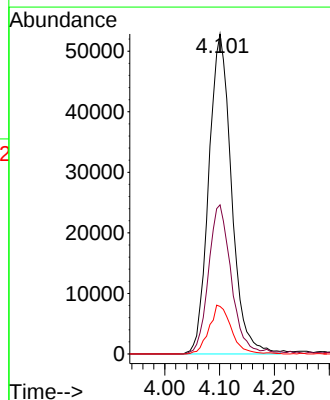
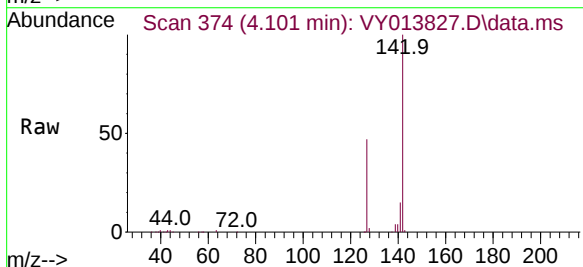
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

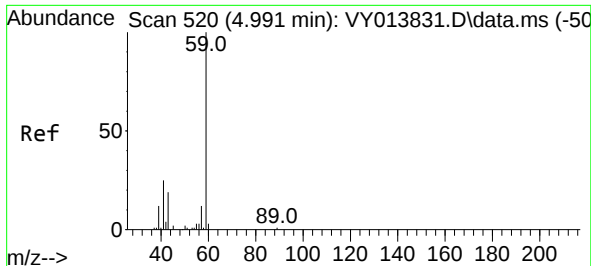
Tgt Ion:101 Resp: 129560
Ion Ratio Lower Upper
101 100
85 45.7 37.4 56.2
151 83.6 66.6 100.0



#10
Methyl Iodide
Concen: 44.907 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

Tgt Ion:142 Resp: 152254
Ion Ratio Lower Upper
142 100
127 47.0 37.0 55.4
141 14.7 11.8 17.6





#11

Tert butyl alcohol

Concen: 450.318 ug/l

RT: 4.966 min Scan# 51

Delta R.T. -0.024 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

Instrument :

MSVOA_Y

ClientSampleId :

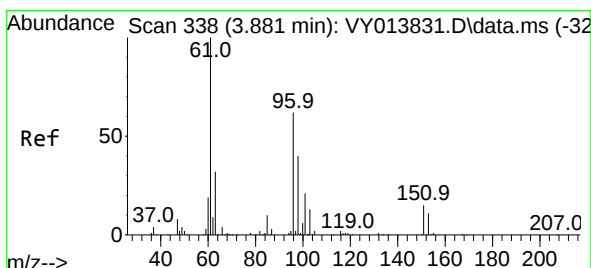
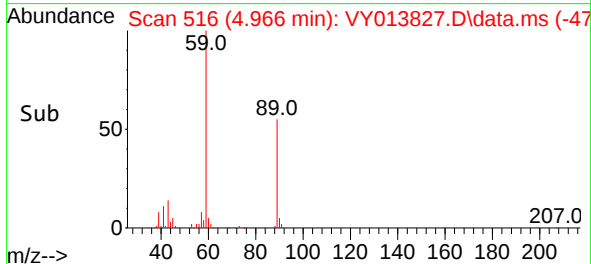
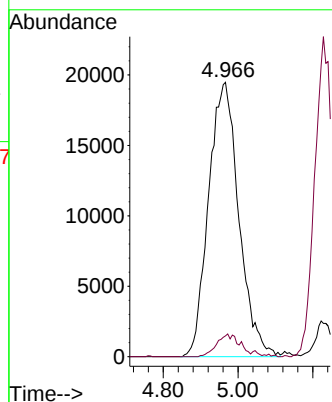
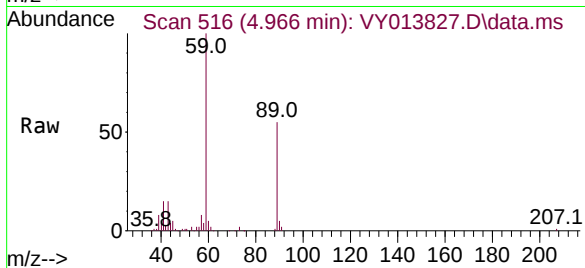
VSTDCCC050

Tgt Ion: 59 Resp: 109469

Ion Ratio Lower Upper

59 100

57 6.2 8.1 12.1#



#12

1,1-Dichloroethene

Concen: 44.458 ug/l

RT: 3.881 min Scan# 338

Delta R.T. 0.000 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

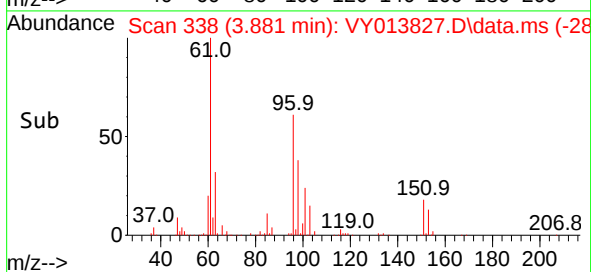
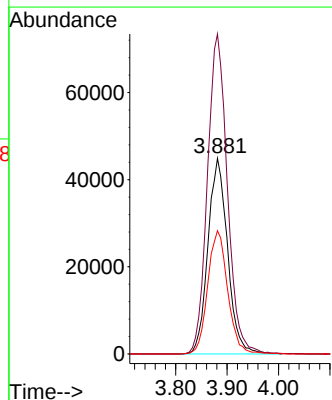
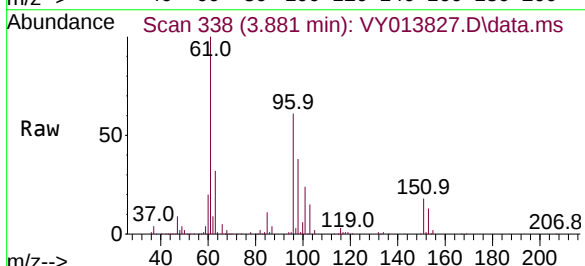
Tgt Ion: 96 Resp: 119281

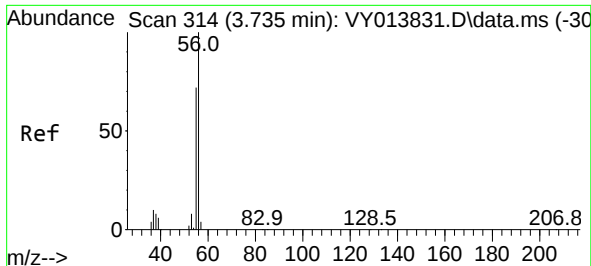
Ion Ratio Lower Upper

96 100

61 163.5 129.0 193.4

98 62.9 52.0 78.0





#13

Acrolein

Concen: 349.577 ug/l

RT: 3.735 min Scan# 314

Delta R.T. 0.000 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

Instrument :

MSVOA_Y

ClientSampleId :

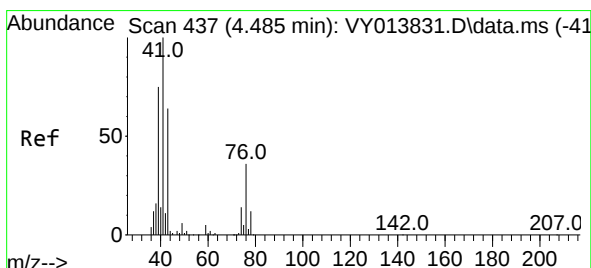
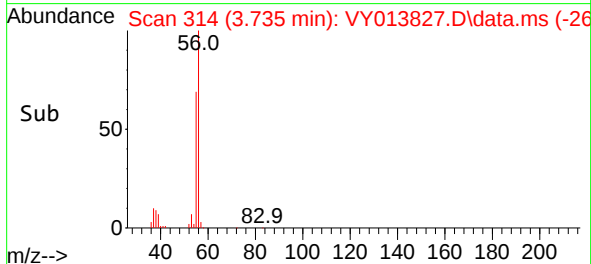
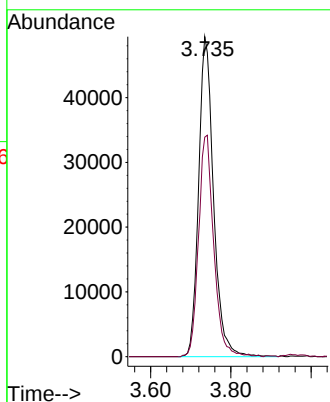
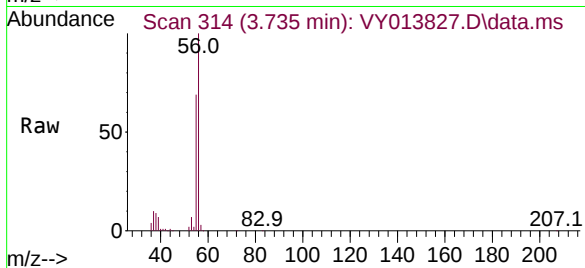
VSTDCCC050

Tgt Ion: 56 Resp: 127826

Ion Ratio Lower Upper

56 100

55 70.4 56.2 84.2



#14

Allyl chloride

Concen: 46.079 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

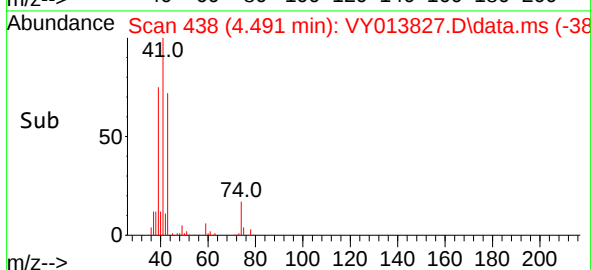
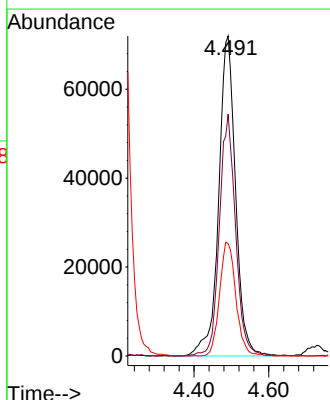
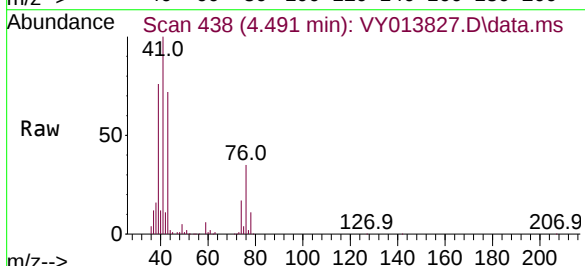
Tgt Ion: 41 Resp: 225703

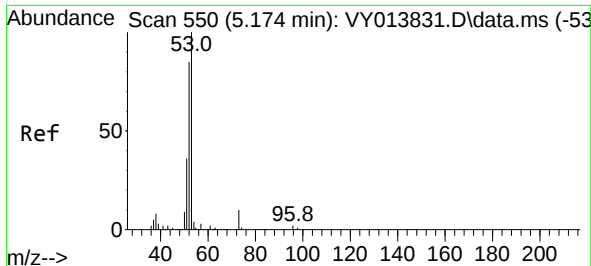
Ion Ratio Lower Upper

41 100

39 72.5 58.3 87.5

76 34.4 28.0 42.0

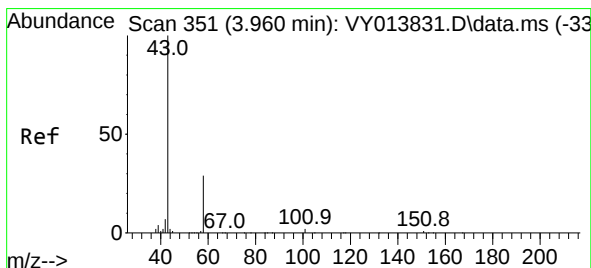
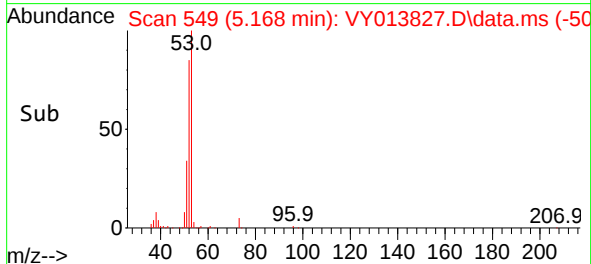
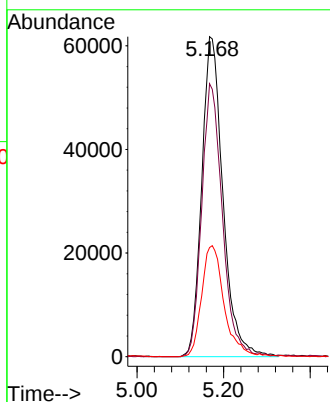
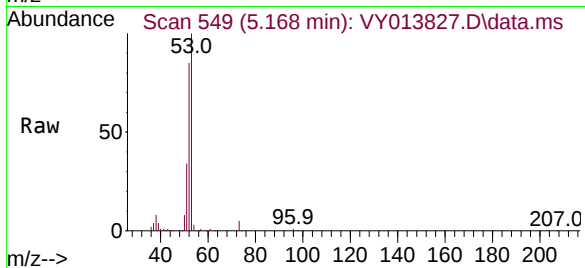




#15
Acrylonitrile
Concen: 253.335 ug/l
RT: 5.168 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

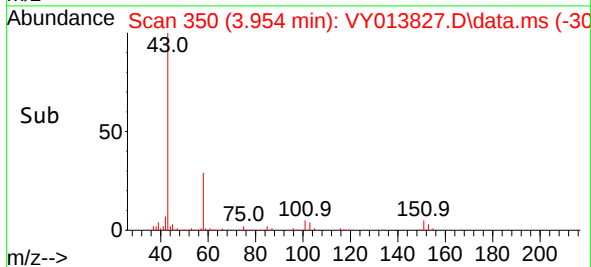
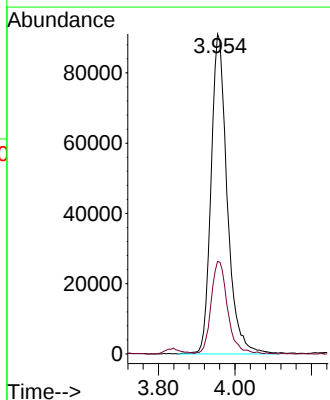
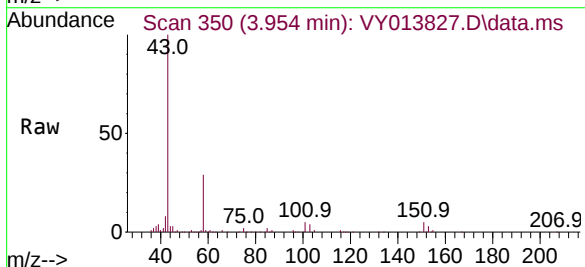
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

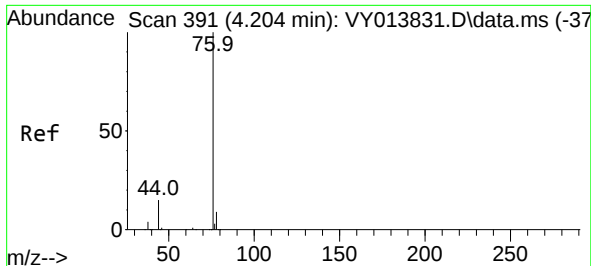
Tgt Ion: 53 Resp: 209886
Ion Ratio Lower Upper
53 100
52 83.4 67.2 100.8
51 36.5 30.2 45.2



#16
Acetone
Concen: 283.949 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

Tgt Ion: 43 Resp: 267429
Ion Ratio Lower Upper
43 100
58 28.9 23.3 34.9

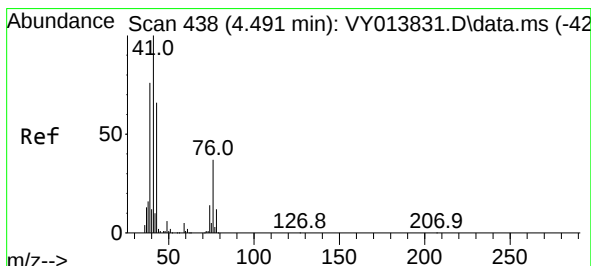
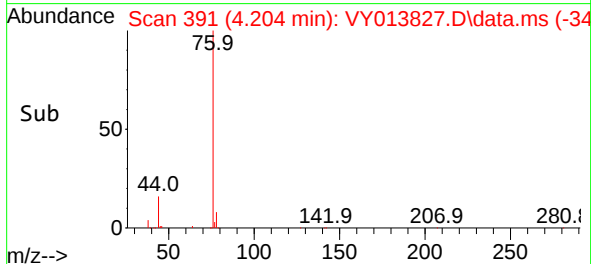
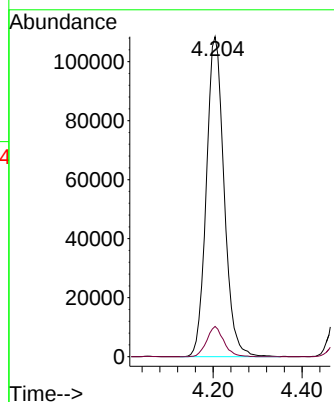
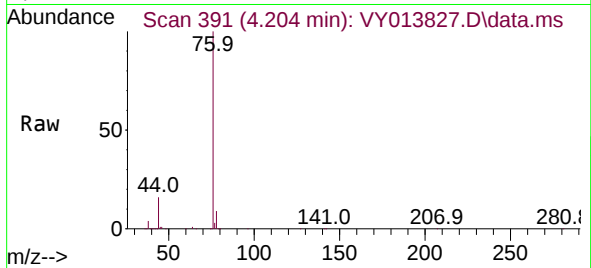




#17
Carbon Disulfide
Concen: 37.597 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

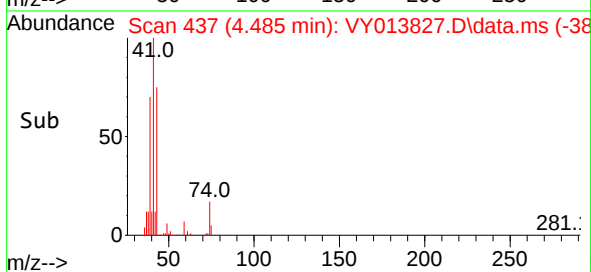
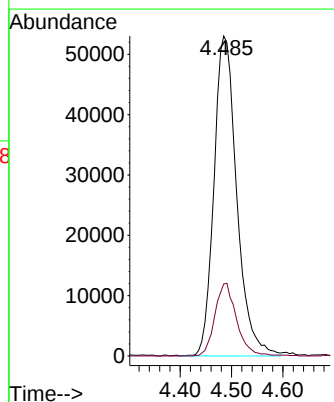
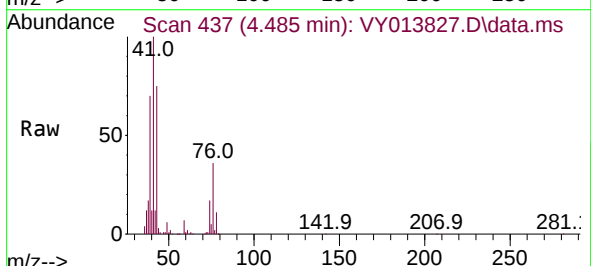
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

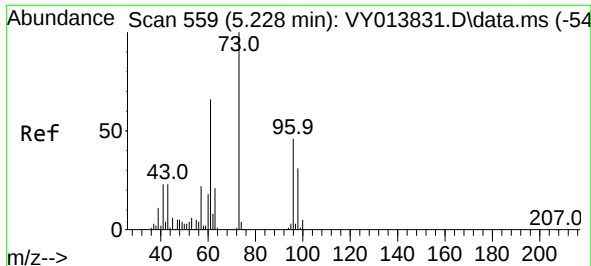
Tgt Ion: 76 Resp: 301099
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#18
Methyl Acetate
Concen: 50.087 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

Tgt Ion: 43 Resp: 163655
Ion Ratio Lower Upper
43 100
74 21.4 17.4 26.0

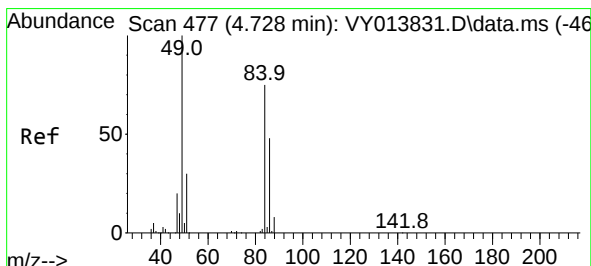
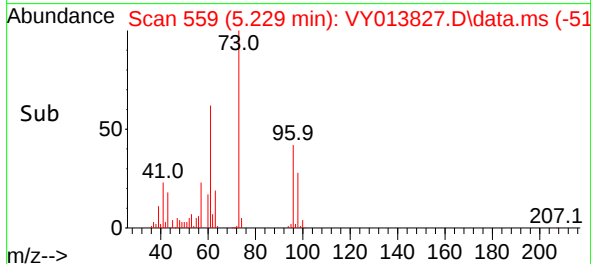
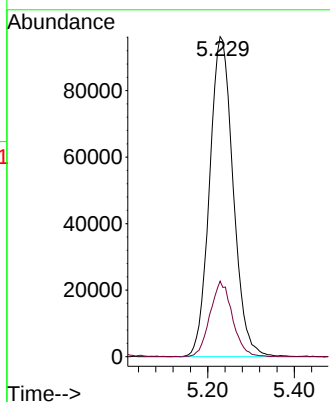
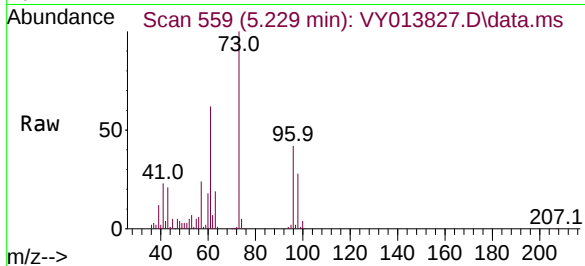




#19
Methyl tert-butyl Ether
Concen: 49.736 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

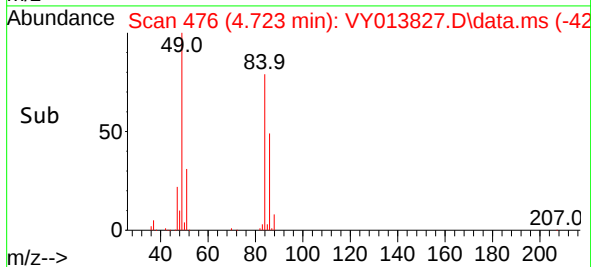
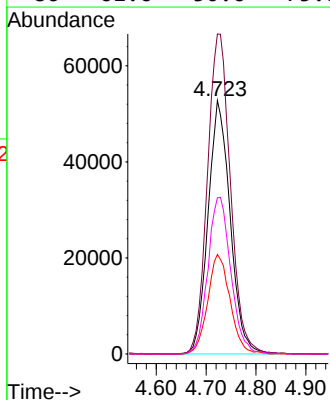
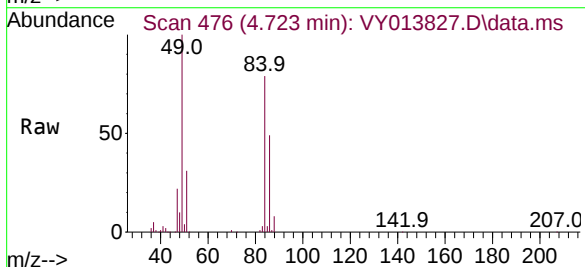
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

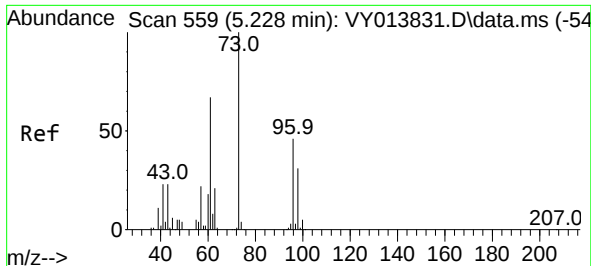
Tgt Ion: 73 Resp: 364162
Ion Ratio Lower Upper
73 100
57 23.6 17.4 26.2



#20
Methylene Chloride
Concen: 48.658 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.005 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

Tgt Ion: 84 Resp: 162716
Ion Ratio Lower Upper
84 100
49 126.2 106.2 159.2
51 39.3 31.4 47.0
86 61.6 50.6 75.8

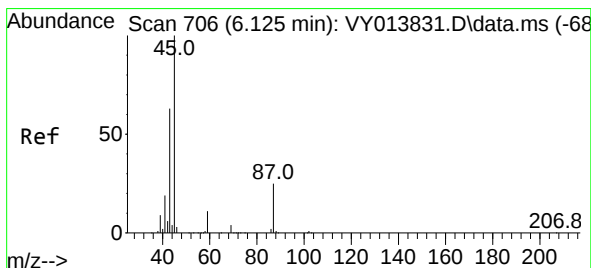
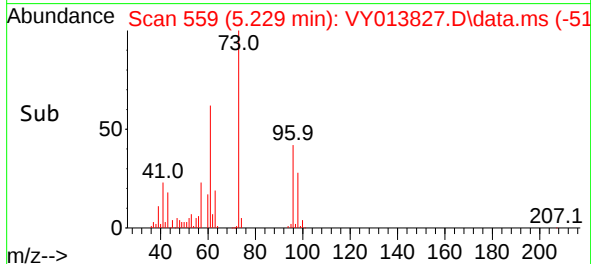
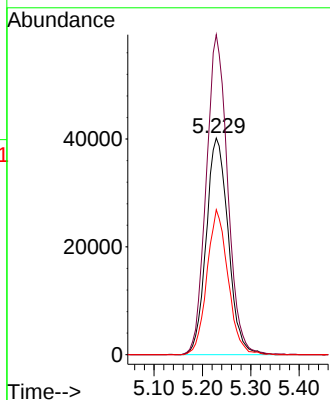
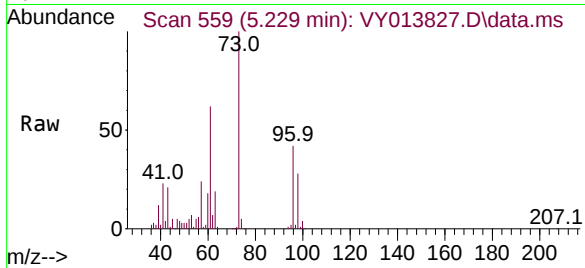




#21
trans-1,2-Dichloroethene
Concen: 43.622 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

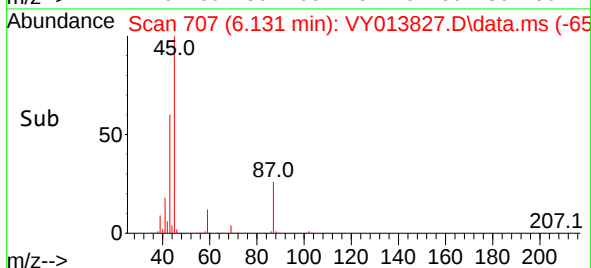
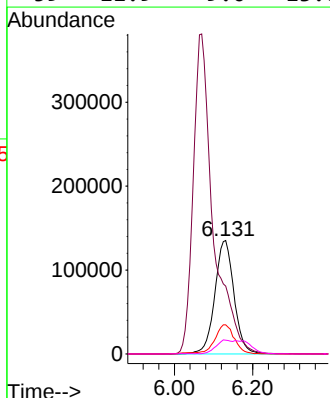
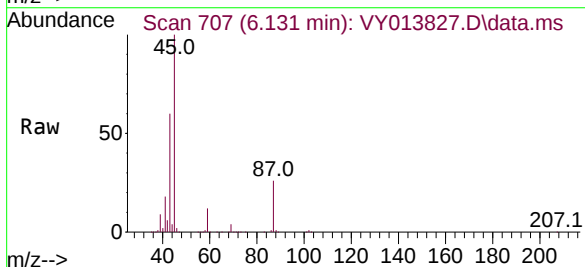
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

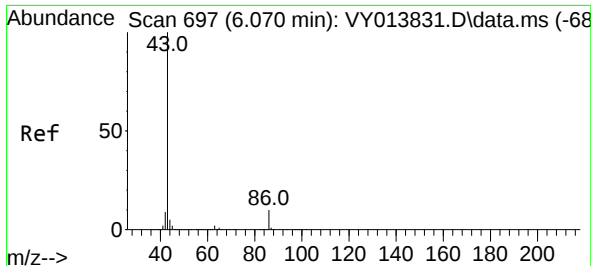
Tgt Ion: 96 Resp: 127225
Ion Ratio Lower Upper
96 100
61 147.7 115.5 173.3
98 66.9 53.7 80.5



#22
Diisopropyl ether
Concen: 48.627 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

Tgt Ion: 45 Resp: 459886
Ion Ratio Lower Upper
45 100
43 59.4 50.6 75.8
87 25.7 20.7 31.1
59 11.9 9.0 13.6

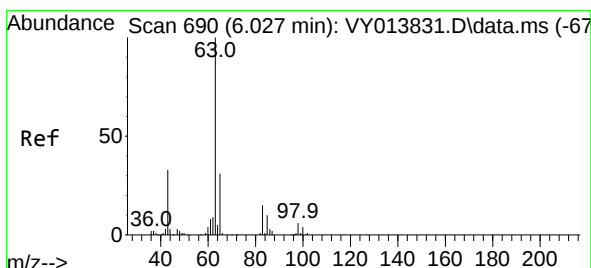
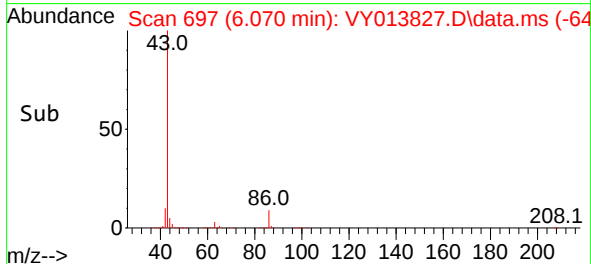
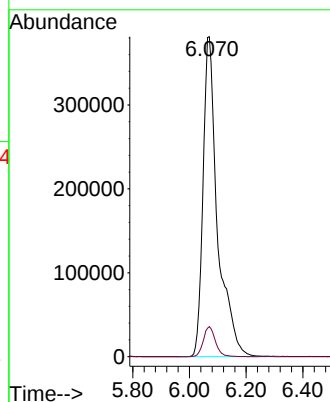
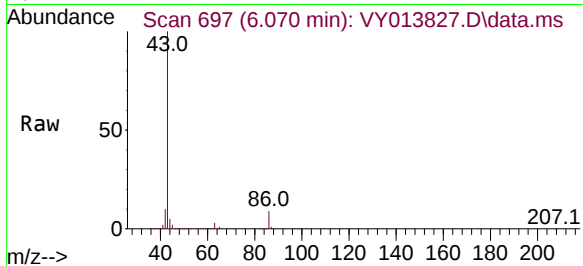




#23
 Vinyl Acetate
 Concen: 245.790 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY013827.D
 Acq: 23 May 2023 10:09

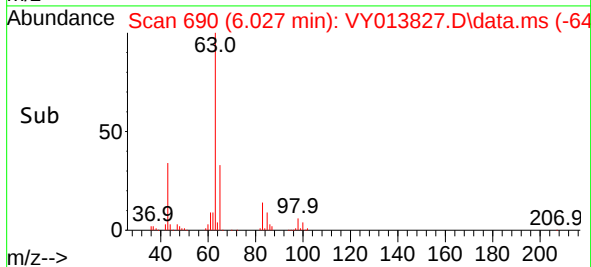
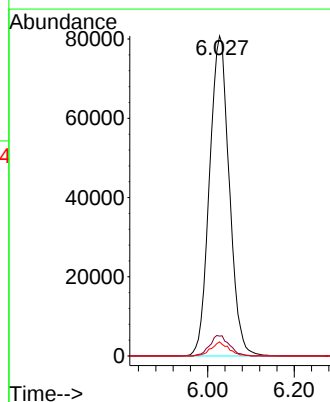
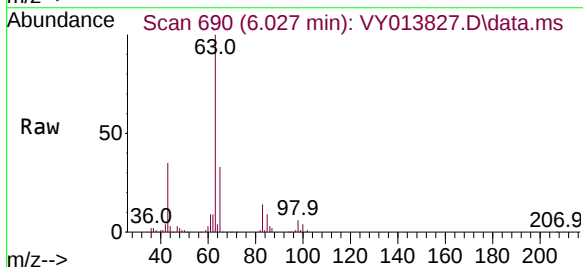
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

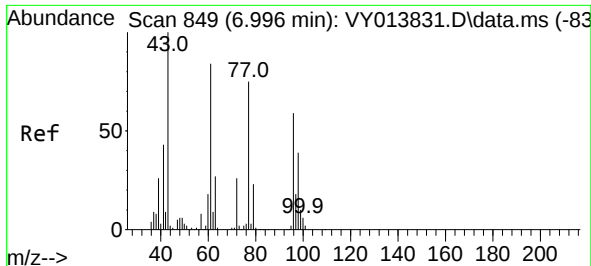
Tgt Ion: 43 Resp: 1353888
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 46.327 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY013827.D
 Acq: 23 May 2023 10:09

Tgt Ion: 63 Resp: 255779
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.2 9.6
 100 4.4 2.1 6.2





#25

2-Butanone

Concen: 273.964 ug/l

RT: 6.990 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

Instrument :

MSVOA_Y

ClientSampleId :

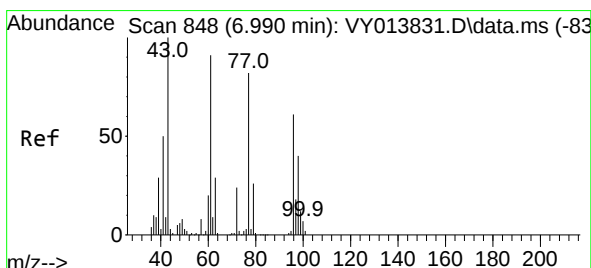
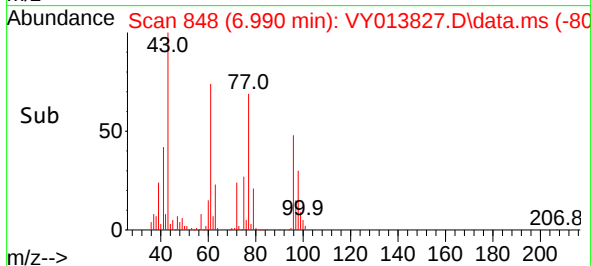
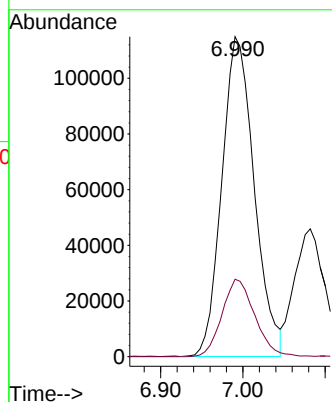
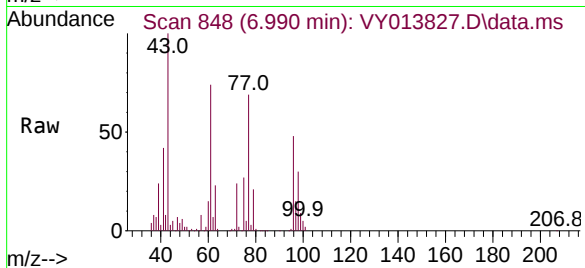
VSTDCCC050

Tgt Ion: 43 Resp: 314850

Ion Ratio Lower Upper

43 100

72 24.2 20.5 30.7



#26

2,2-Dichloropropane

Concen: 48.806 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY013827.D

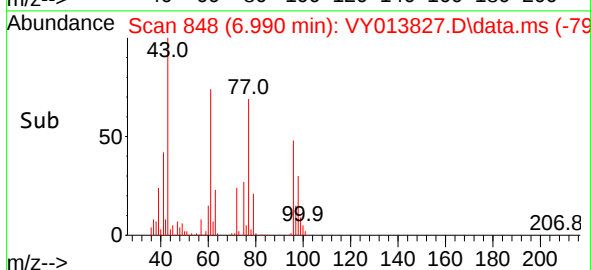
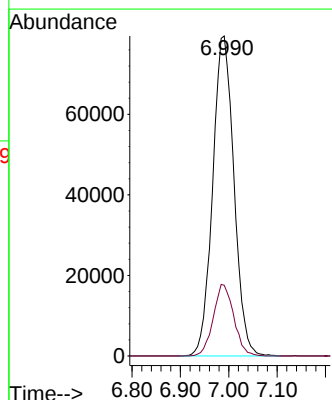
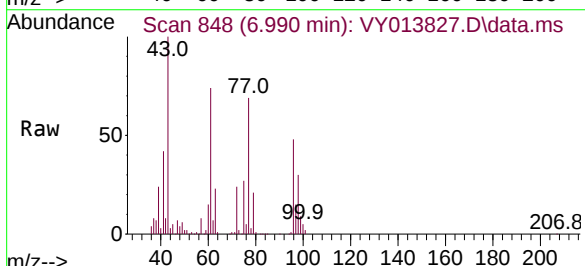
Acq: 23 May 2023 10:09

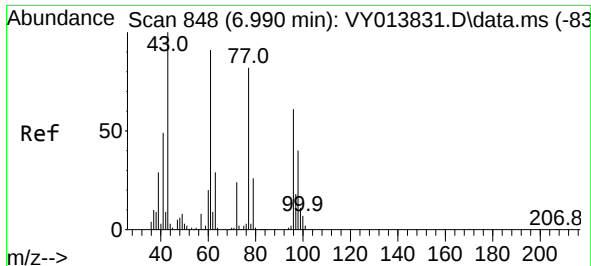
Tgt Ion: 77 Resp: 242722

Ion Ratio Lower Upper

77 100

97 21.5 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 46.830 ug/l

RT: 6.997 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

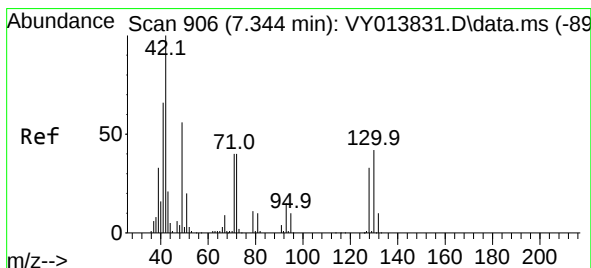
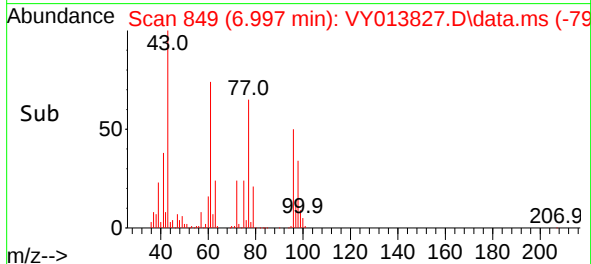
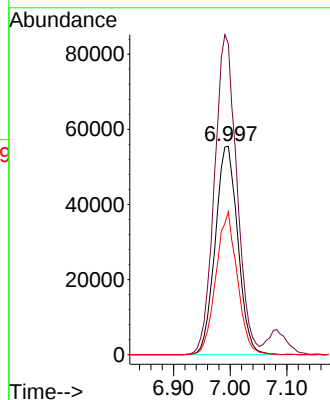
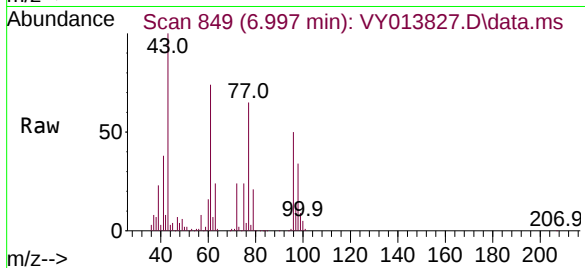
Tgt Ion: 96 Resp: 153432

Ion Ratio Lower Upper

96 100

61 152.0 0.0 296.4

98 65.0 0.0 129.4



#28

Bromochloromethane

Concen: 52.079 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

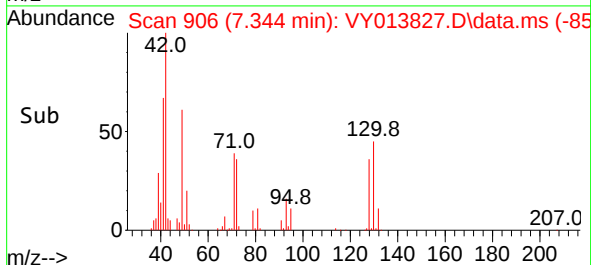
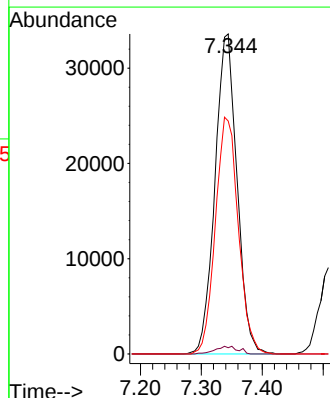
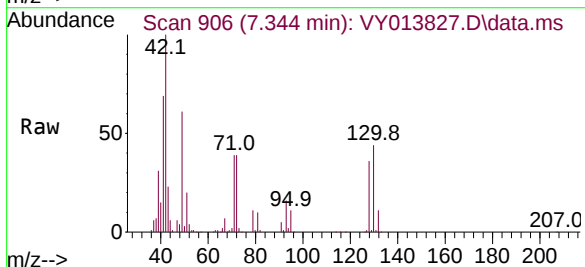
Tgt Ion: 49 Resp: 84397

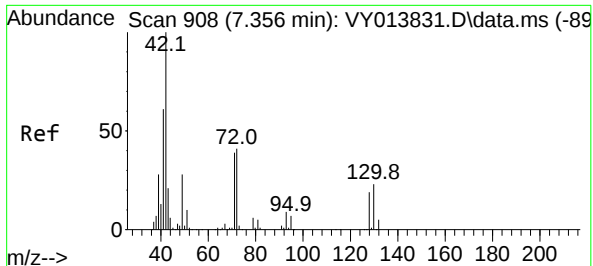
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.4

130 76.8 60.2 90.2





#29

Tetrahydrofuran

Concen: 259.385 ug/l

RT: 7.350 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

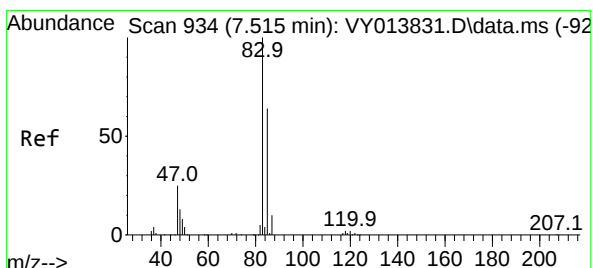
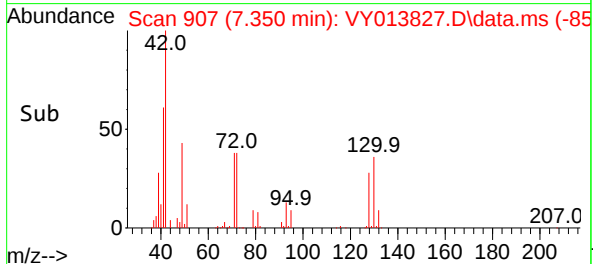
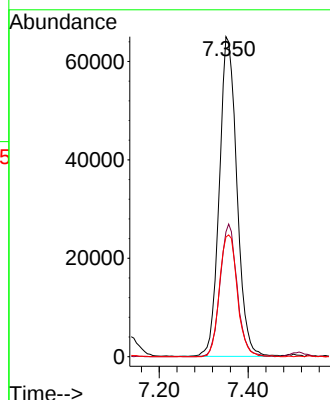
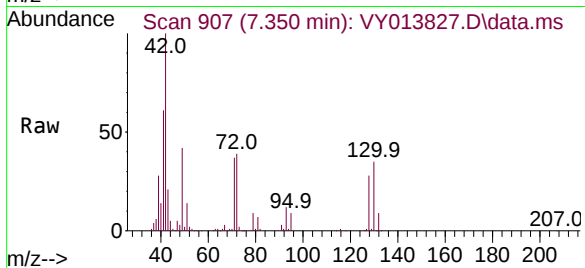
Tgt Ion: 42 Resp: 177977

Ion Ratio Lower Upper

42 100

72 40.2 31.7 47.5

71 38.7 30.6 45.8



#30

Chloroform

Concen: 48.517 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY013827.D

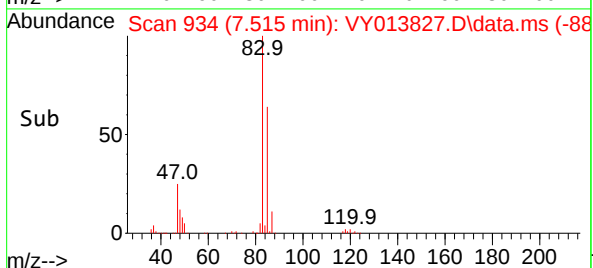
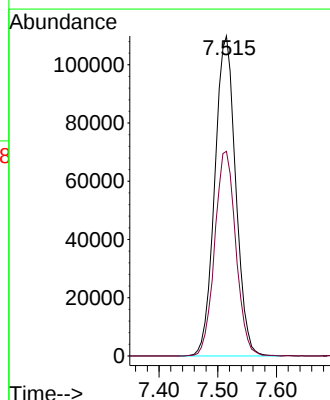
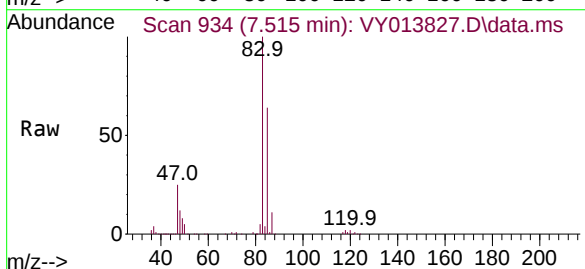
Acq: 23 May 2023 10:09

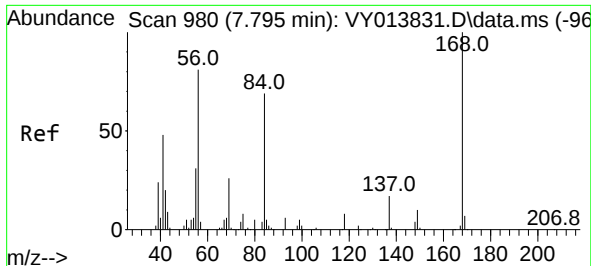
Tgt Ion: 83 Resp: 271574

Ion Ratio Lower Upper

83 100

85 63.9 51.0 76.6

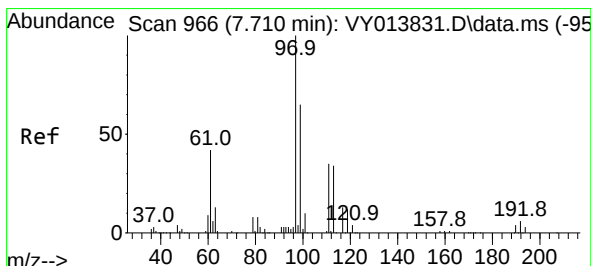
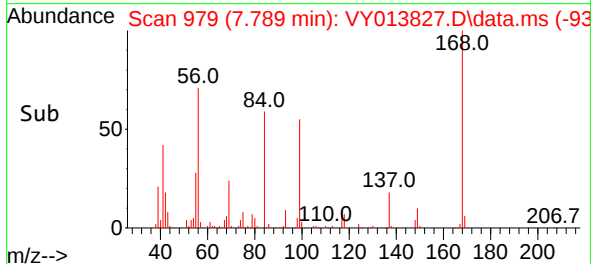
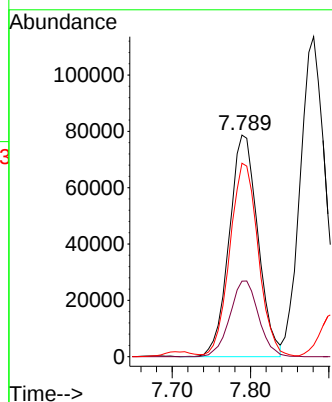
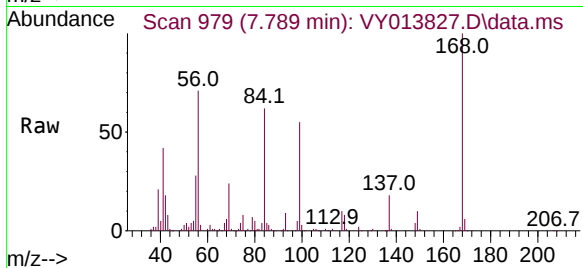




#31
Cyclohexane
Concen: 41.107 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

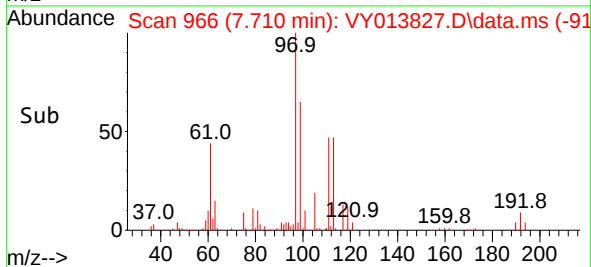
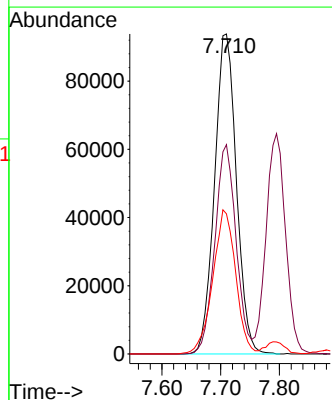
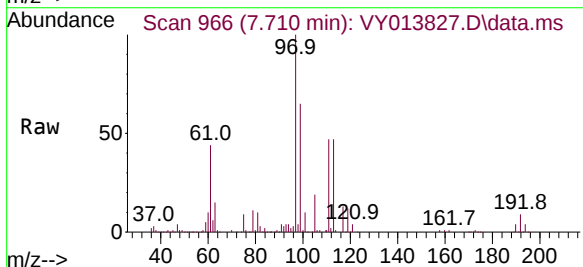
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

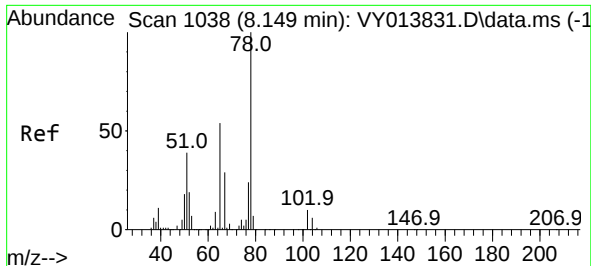
Tgt Ion: 56 Resp: 200416
Ion Ratio Lower Upper
56 100
69 34.1 25.8 38.8
84 85.2 68.2 102.2



#32
1,1,1-Trichloroethane
Concen: 47.497 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

Tgt Ion: 97 Resp: 242544
Ion Ratio Lower Upper
97 100
99 63.8 50.5 75.7
61 47.1 35.0 52.4





#33

1,2-Dichloroethane-d4

Concen: 54.246 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

Instrument :

MSVOA_Y

ClientSampleId :

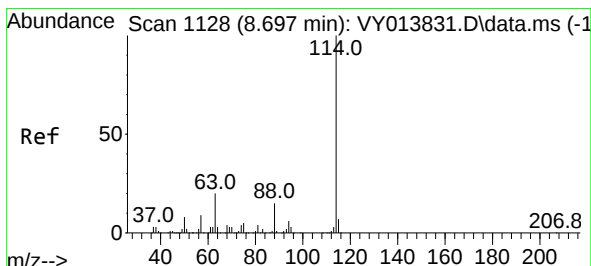
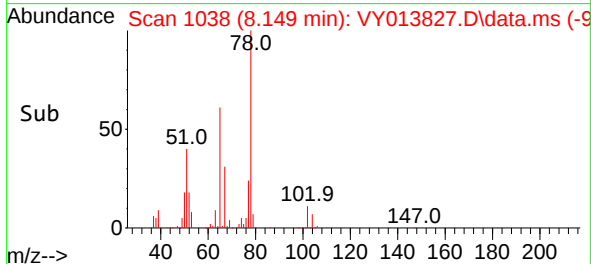
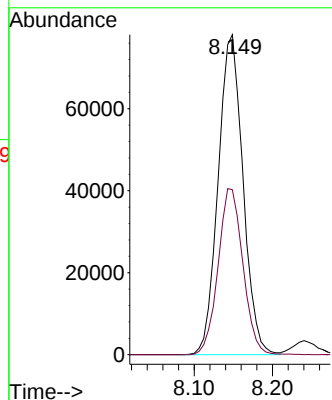
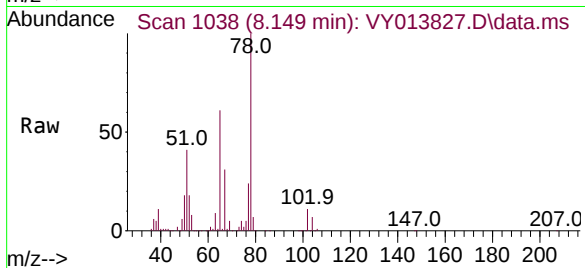
VSTDCCC050

Tgt Ion: 65 Resp: 172136

Ion Ratio Lower Upper

65 100

67 51.8 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: VY013827.D

Acq: 23 May 2023 10:09

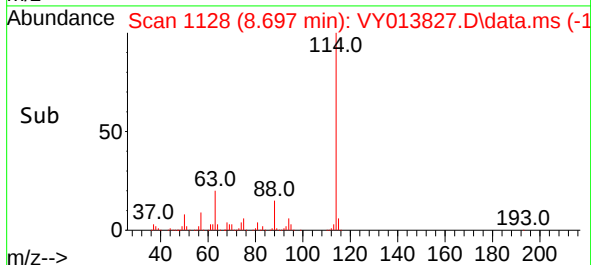
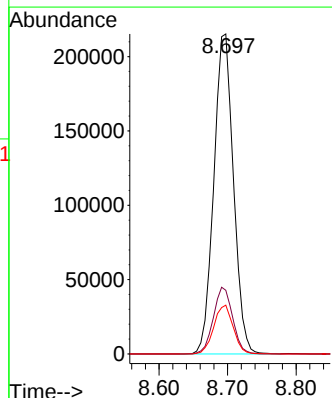
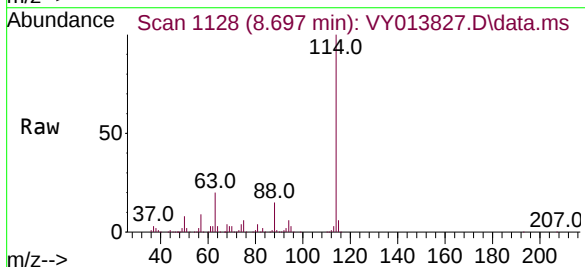
Tgt Ion: 114 Resp: 428619

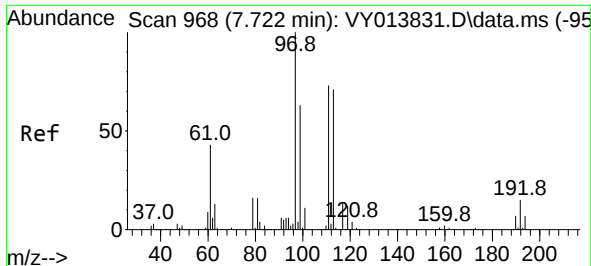
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.2

88 15.3 0.0 30.0

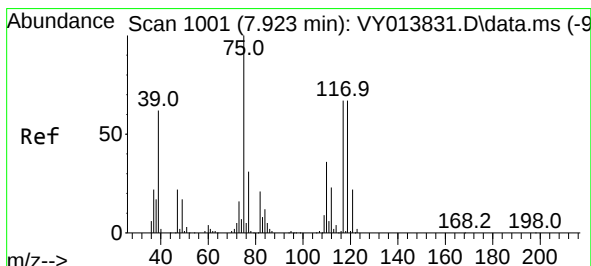
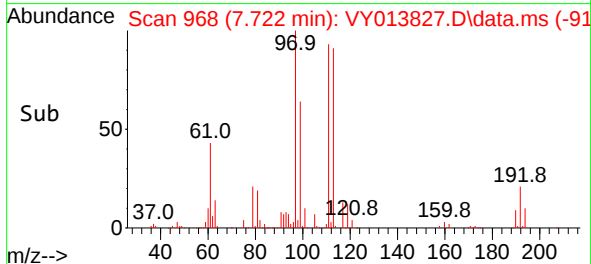
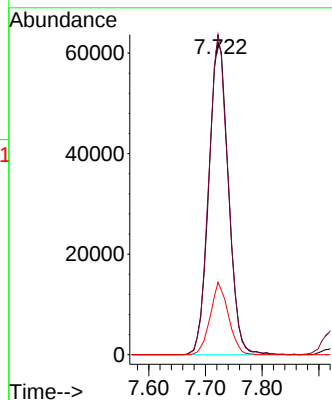
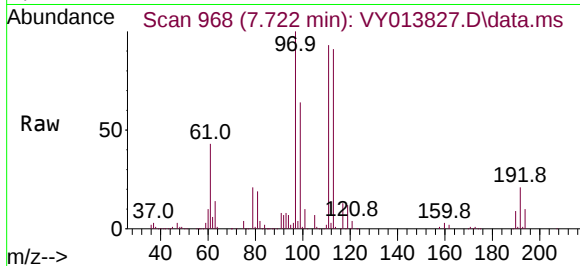




#35
Dibromofluoromethane
Concen: 54.135 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

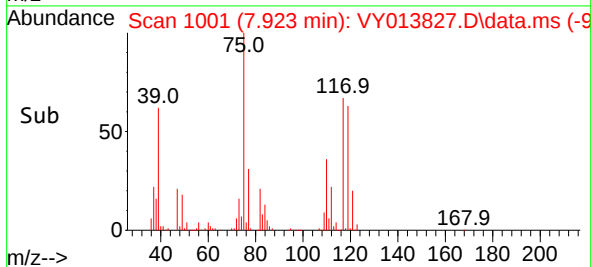
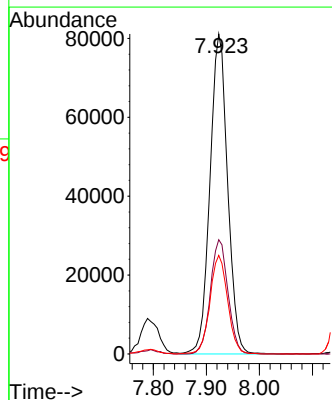
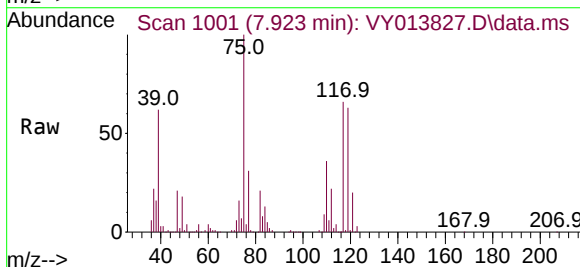
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

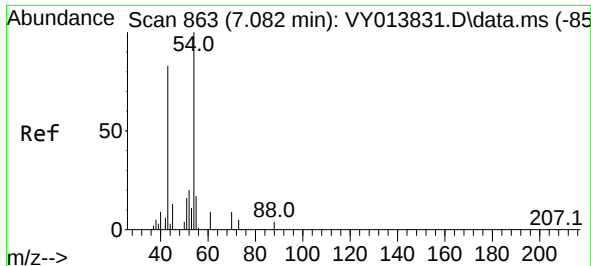
Tgt Ion:113 Resp: 149848
Ion Ratio Lower Upper
113 100
111 100.7 80.4 120.6
192 21.4 16.6 25.0



#36
1,1-Dichloropropene
Concen: 44.499 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

Tgt Ion: 75 Resp: 187613
Ion Ratio Lower Upper
75 100
110 35.6 17.5 52.6
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 47.753 ug/l

RT: 7.082 min Scan# 863

Delta R.T. 0.000 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

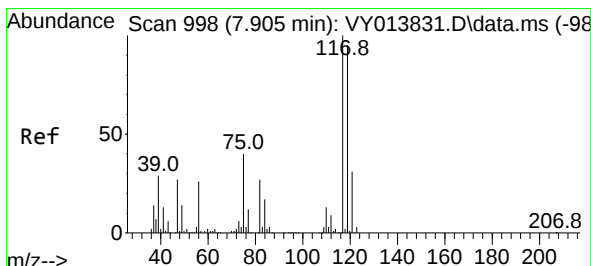
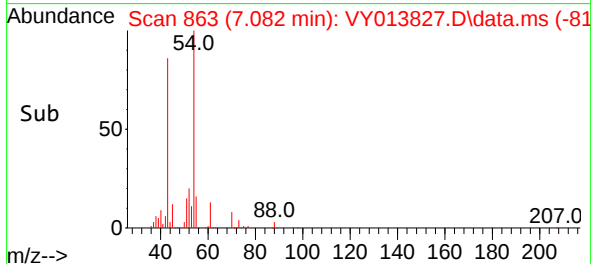
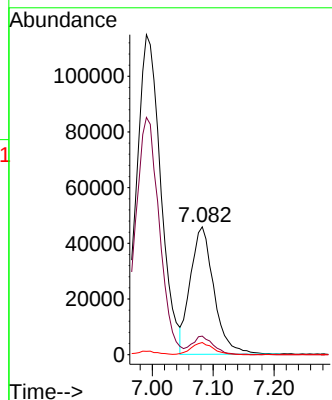
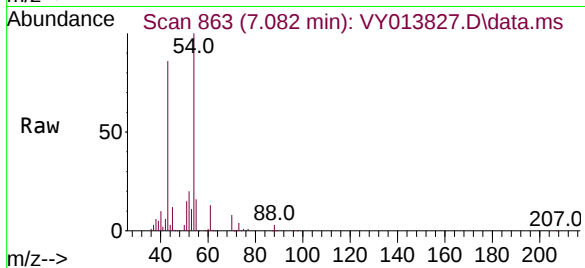
Tgt Ion: 43 Resp: 122810

Ion Ratio Lower Upper

43 100

61 13.2 10.5 15.7

70 8.8 6.9 10.3



#38

Carbon Tetrachloride

Concen: 45.459 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

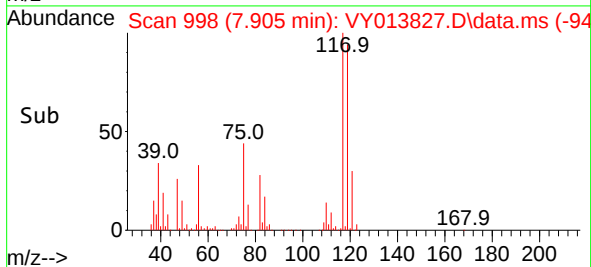
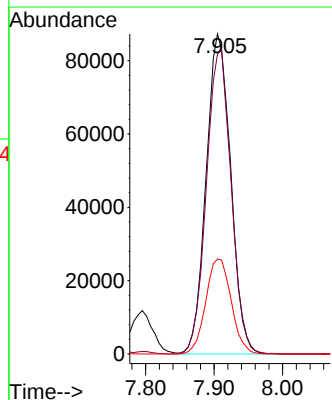
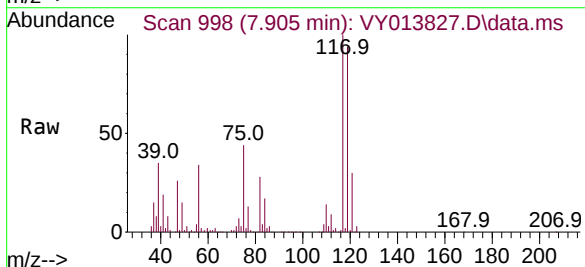
Tgt Ion: 117 Resp: 217959

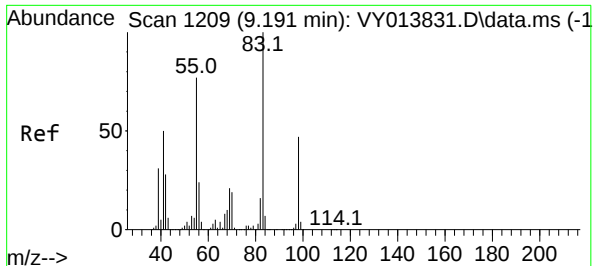
Ion Ratio Lower Upper

117 100

119 93.8 75.6 113.4

121 29.7 24.8 37.2





#39

Methylcyclohexane

Concen: 42.800 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

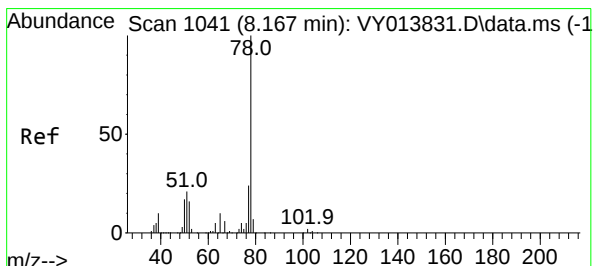
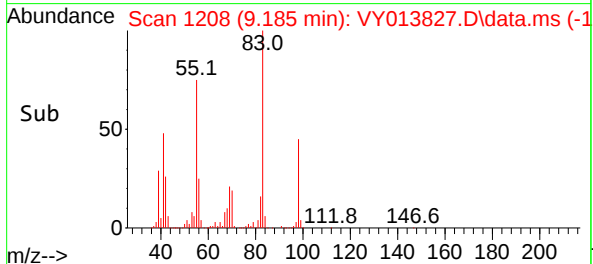
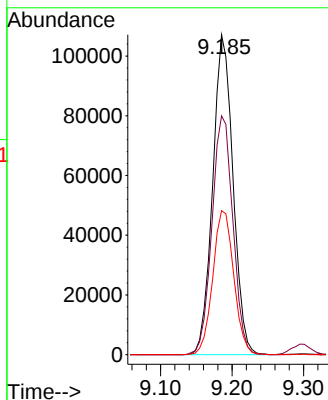
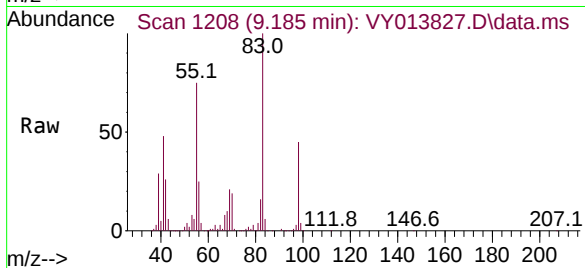
Tgt Ion: 83 Resp: 211325

Ion Ratio Lower Upper

83 100

55 74.6 61.6 92.4

98 45.0 38.0 57.0



#40

Benzene

Concen: 45.367 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY013827.D

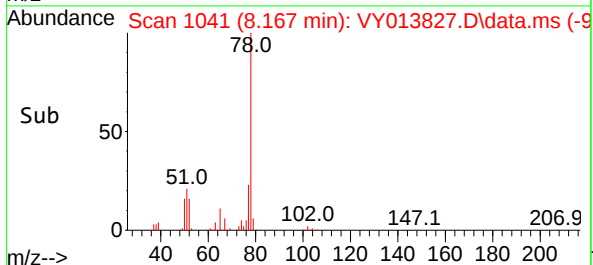
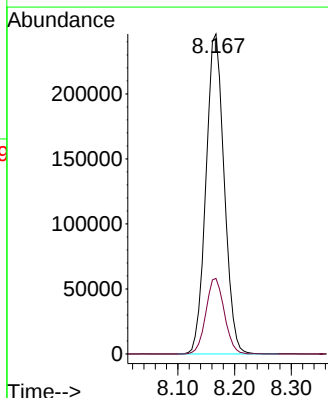
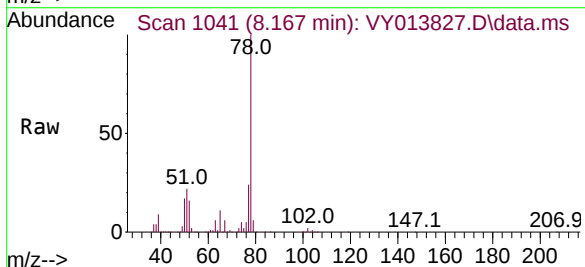
Acq: 23 May 2023 10:09

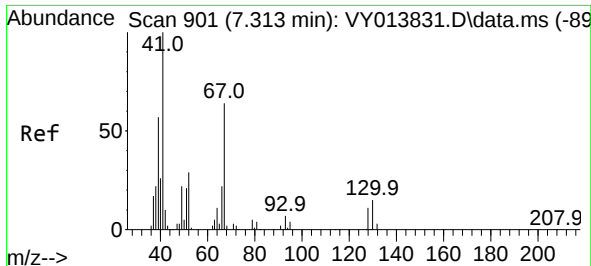
Tgt Ion: 78 Resp: 549375

Ion Ratio Lower Upper

78 100

77 23.6 19.5 29.3

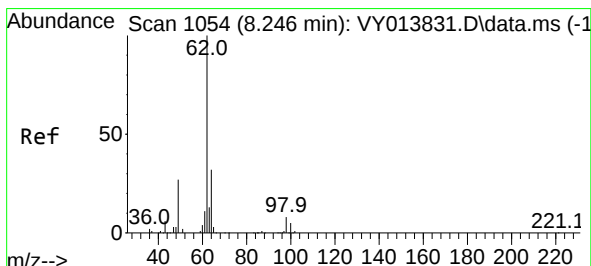
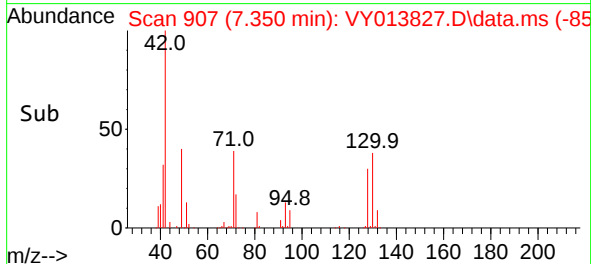
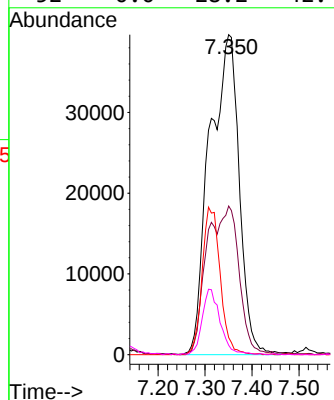
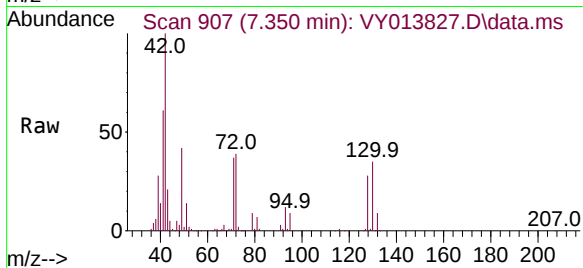




#41
Methacrylonitrile
Concen: 123.202 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

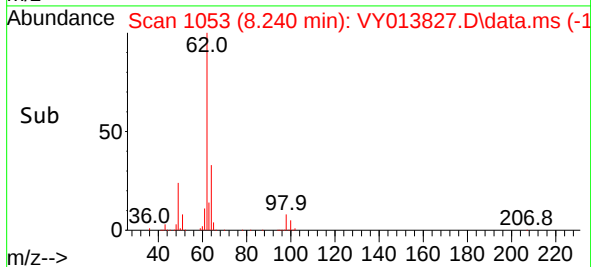
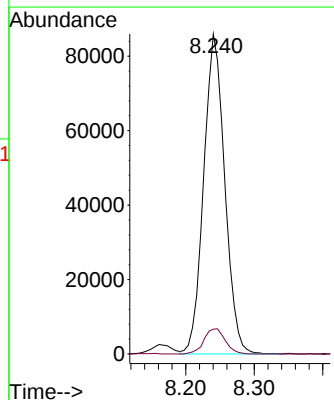
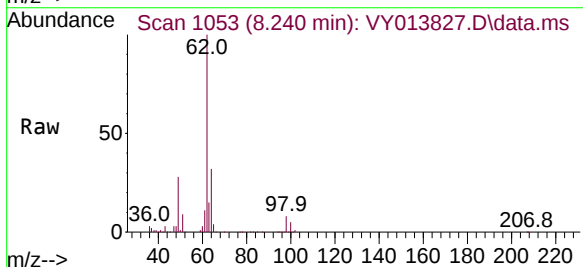
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

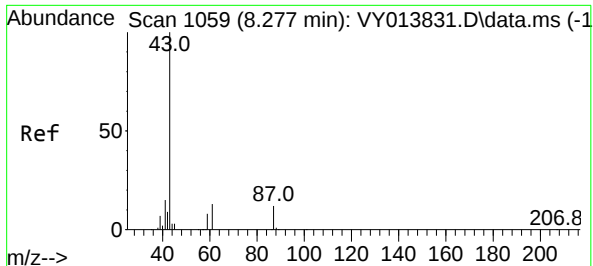
Tgt Ion: 41 Resp: 172877
Ion Ratio Lower Upper
41 100
39 0.0 44.1 66.1#
67 0.0 63.7 95.5#
52 0.0 28.2 42.4#



#42
1,2-Dichloroethane
Concen: 46.439 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

Tgt Ion: 62 Resp: 184123
Ion Ratio Lower Upper
62 100
98 7.9 0.0 16.8

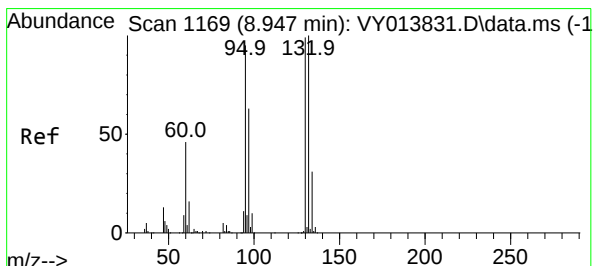
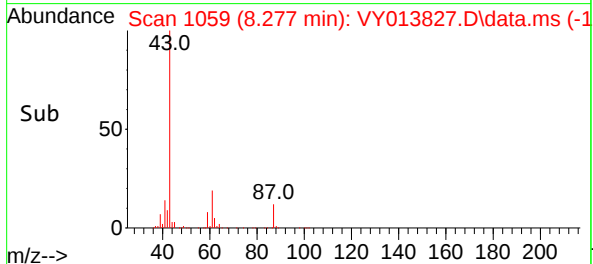
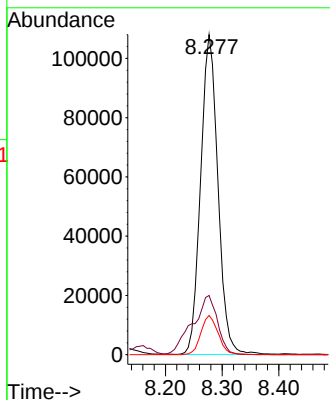
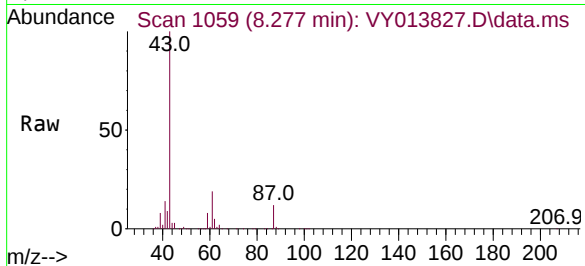




#43
Isopropyl Acetate
Concen: 48.779 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

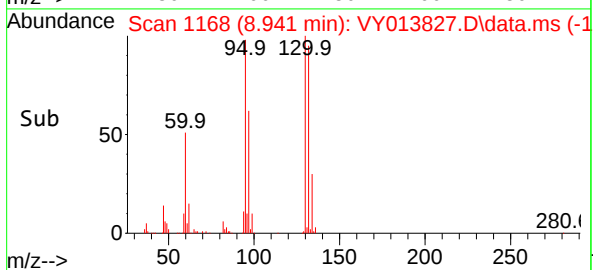
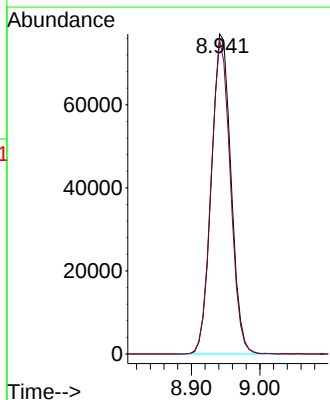
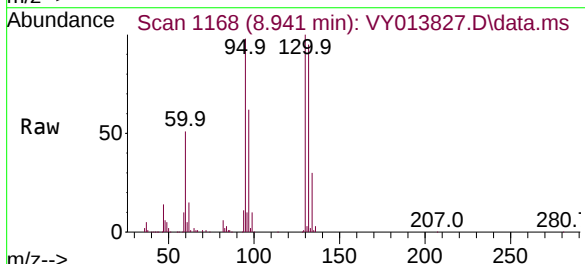
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

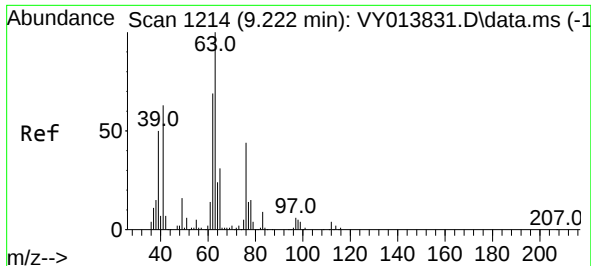
Tgt Ion: 43 Resp: 228599
Ion Ratio Lower Upper
43 100
61 26.8 21.1 31.7
87 12.3 9.8 14.6



#44
Trichloroethene
Concen: 46.708 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

Tgt Ion:130 Resp: 152383
Ion Ratio Lower Upper
130 100
95 98.1 0.0 192.8





#45

1,2-Dichloropropane

Concen: 46.811 ug/l

RT: 9.216 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

Instrument :

MSVOA_Y

ClientSampleId :

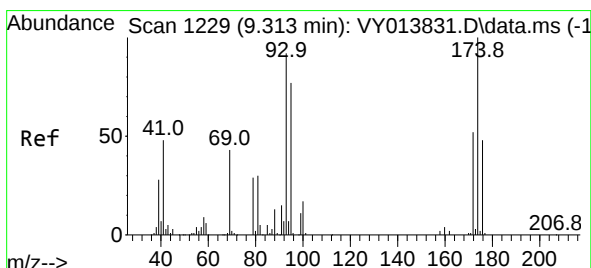
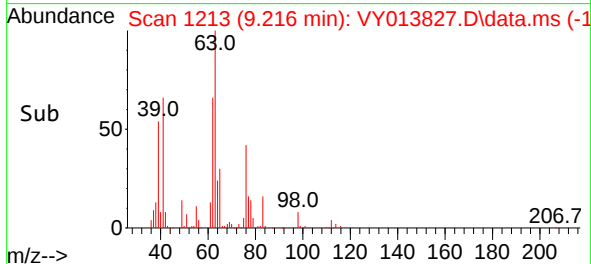
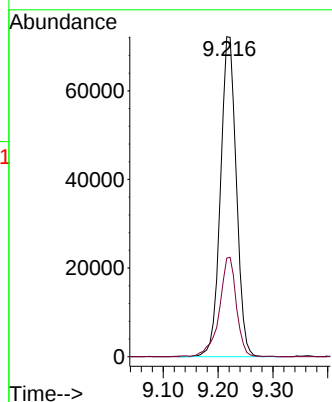
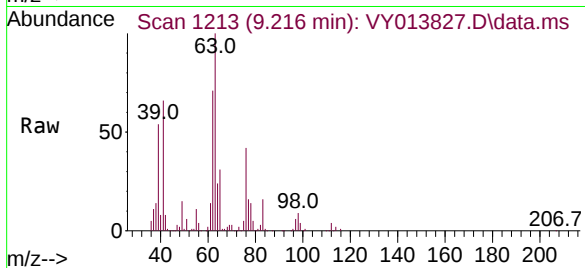
VSTDCCC050

Tgt Ion: 63 Resp: 145214

Ion Ratio Lower Upper

63 100

65 30.8 24.7 37.1



#46

Dibromomethane

Concen: 47.151 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

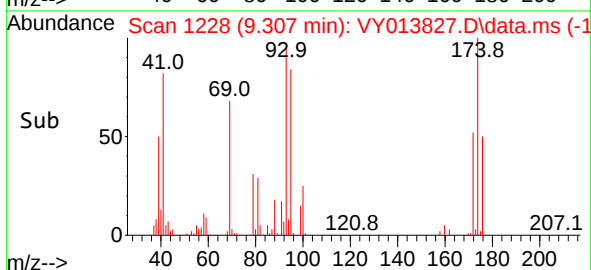
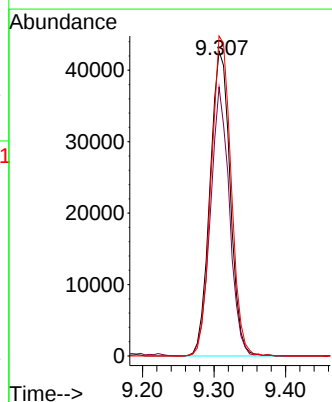
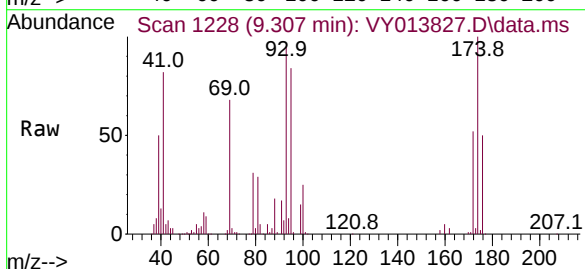
Tgt Ion: 93 Resp: 83770

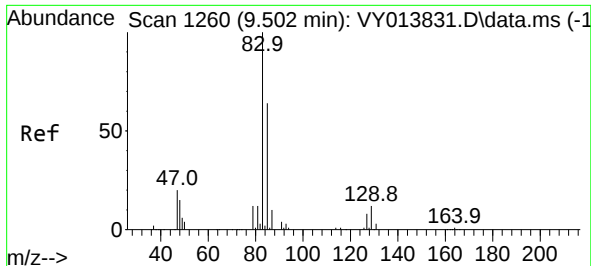
Ion Ratio Lower Upper

93 100

95 82.5 66.4 99.6

174 103.7 83.9 125.9

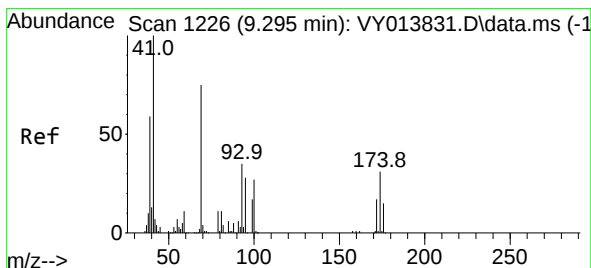
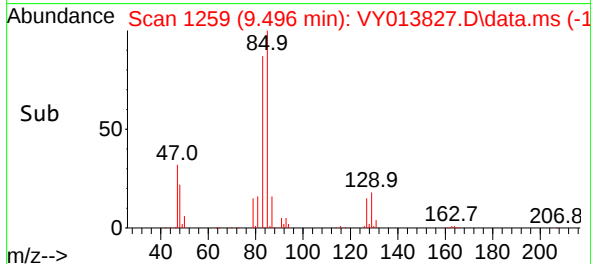
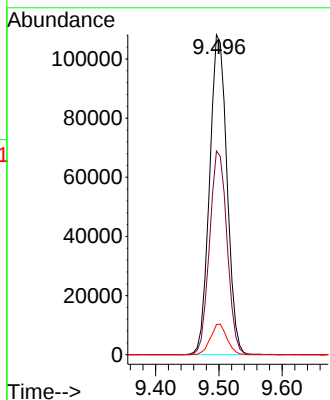
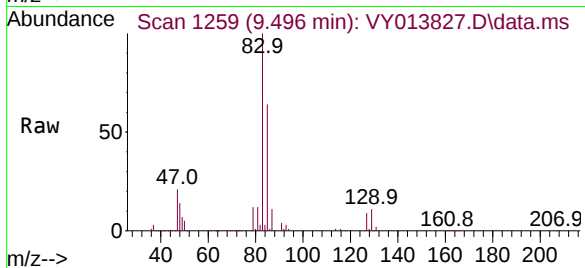




#47
Bromodichloromethane
Concen: 47.783 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

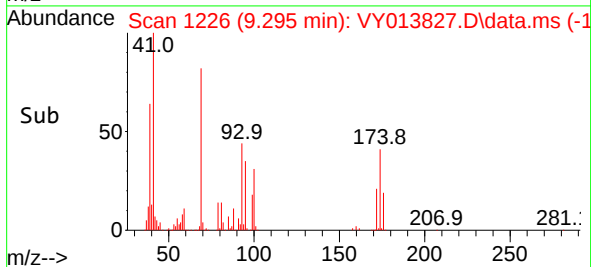
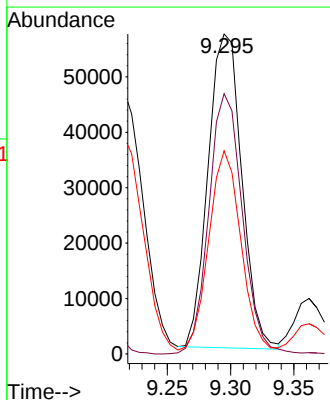
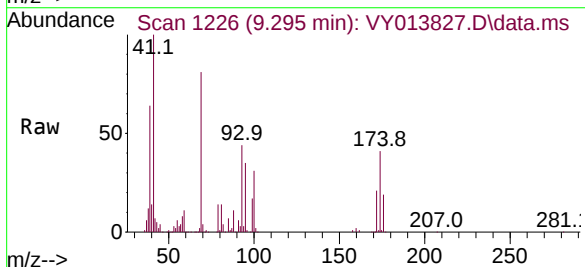
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

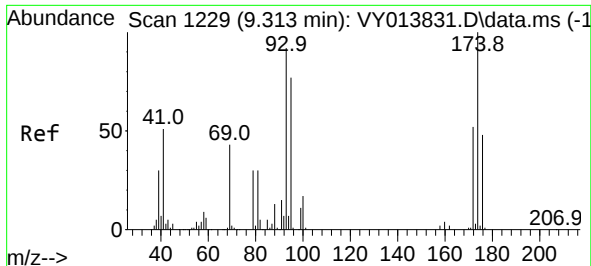
Tgt Ion: 83 Resp: 206884
Ion Ratio Lower Upper
83 100
85 63.7 51.5 77.3
127 9.4 6.6 10.0



#48
Methyl methacrylate
Concen: 47.610 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

Tgt Ion: 41 Resp: 104774
Ion Ratio Lower Upper
41 100
69 82.8 62.0 93.0
39 62.6 45.7 68.5





#49

1,4-Dioxane

Concen: 1018.404 ug/l

RT: 9.307 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

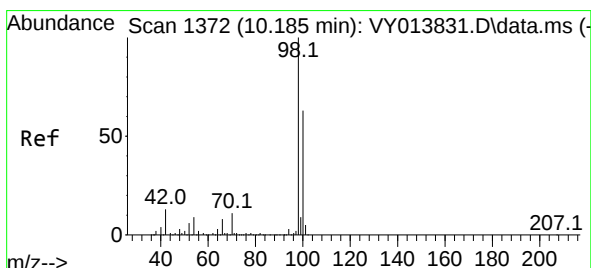
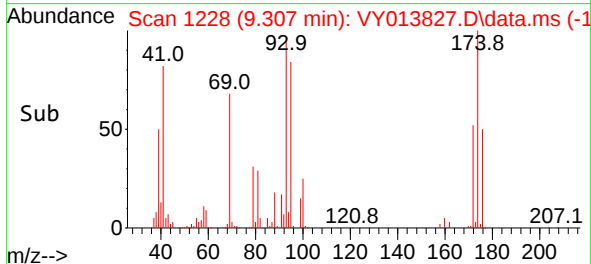
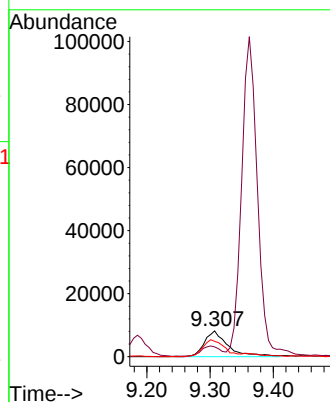
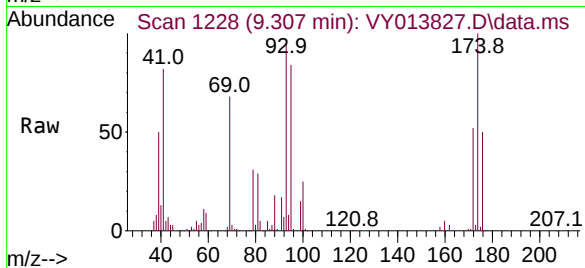
Tgt Ion: 88 Resp: 21264

Ion Ratio Lower Upper

88 100

43 32.5 0.0 0.0#

58 61.0 59.0 88.6



#50

Toluene-d8

Concen: 54.198 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY013827.D

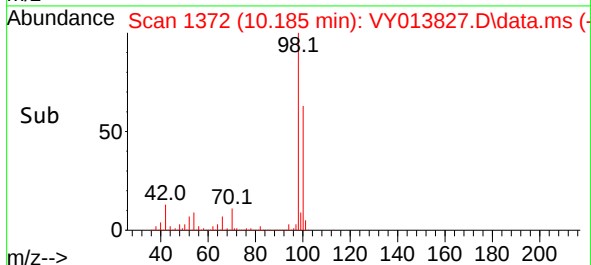
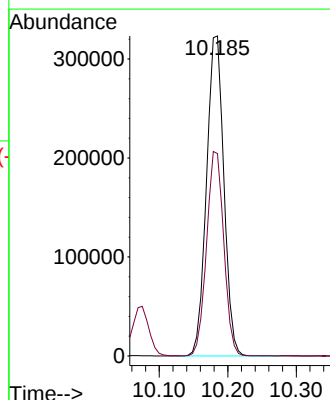
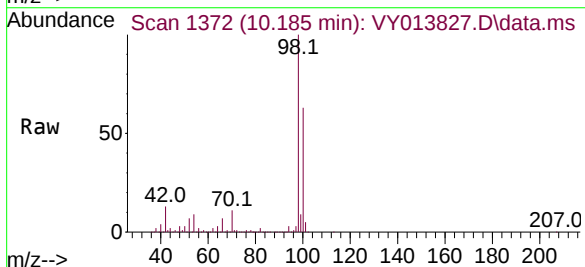
Acq: 23 May 2023 10:09

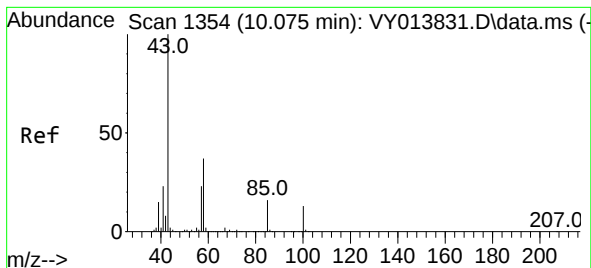
Tgt Ion: 98 Resp: 570187

Ion Ratio Lower Upper

98 100

100 63.4 50.8 76.2

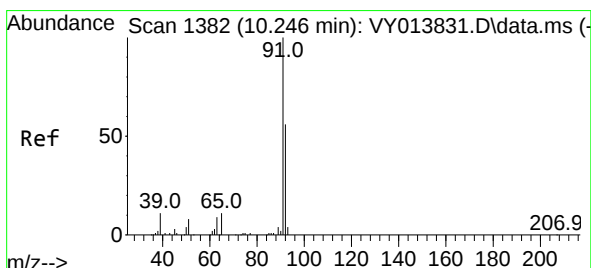
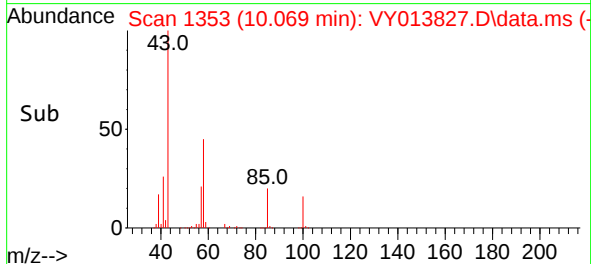
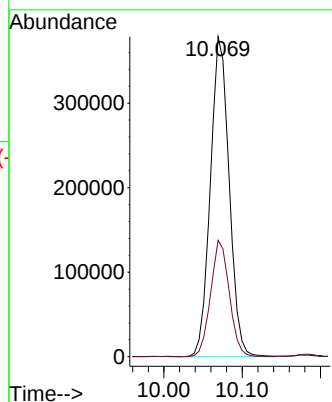
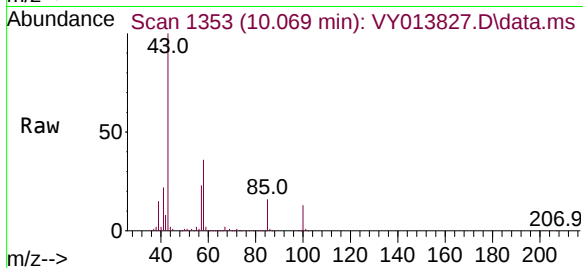




#51
4-Methyl-2-Pentanone
Concen: 252.316 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

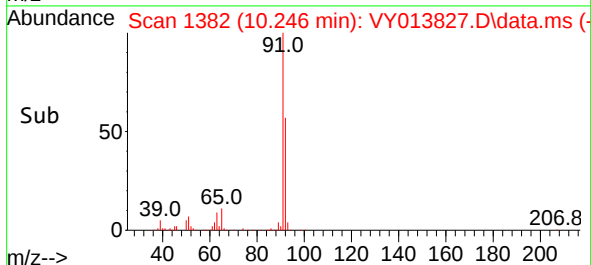
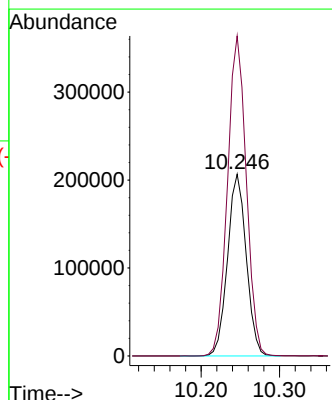
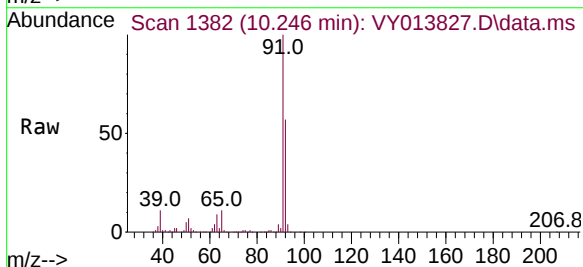
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

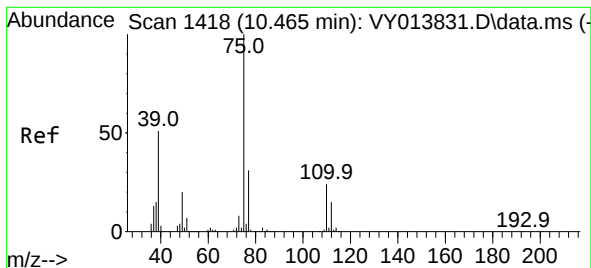
Tgt Ion: 43 Resp: 630159
Ion Ratio Lower Upper
43 100
58 36.2 29.1 43.7



#52
Toluene
Concen: 46.435 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

Tgt Ion: 92 Resp: 342851
Ion Ratio Lower Upper
92 100
91 176.7 142.2 213.4

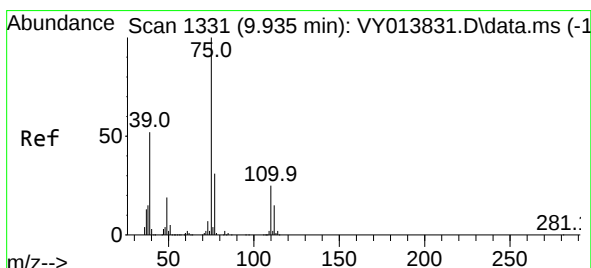
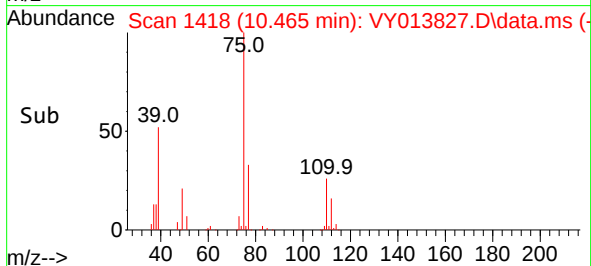
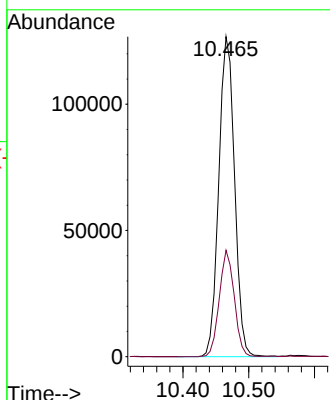
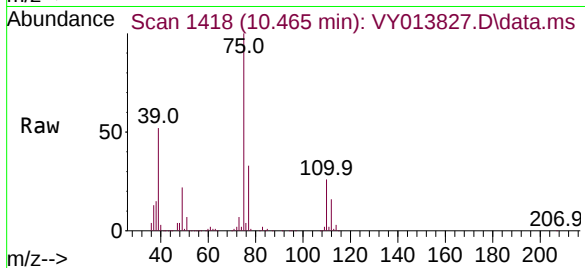




#53
t-1,3-Dichloropropene
Concen: 48.070 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

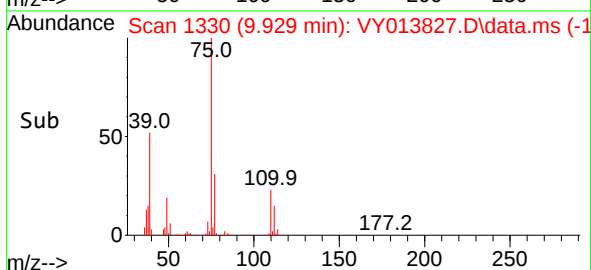
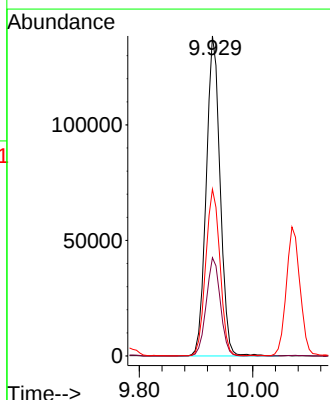
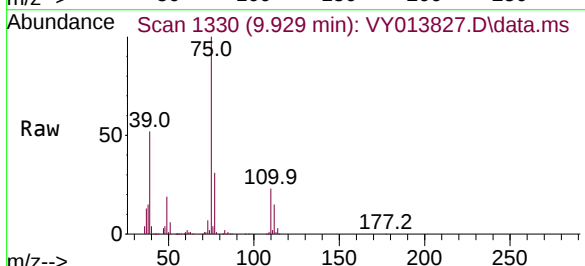
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

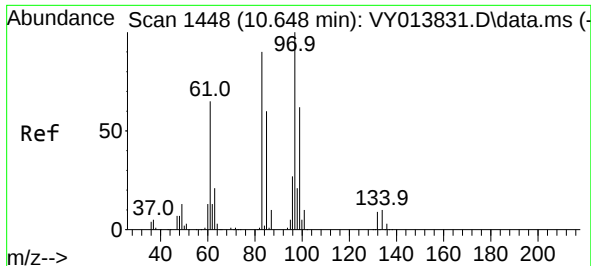
Tgt Ion: 75 Resp: 211856
Ion Ratio Lower Upper
75 100
77 33.2 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 47.748 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

Tgt Ion: 75 Resp: 235747
Ion Ratio Lower Upper
75 100
77 30.7 24.8 37.2
39 52.1 41.8 62.8





#55

1,1,2-Trichloroethane

Concen: 48.435 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 115768

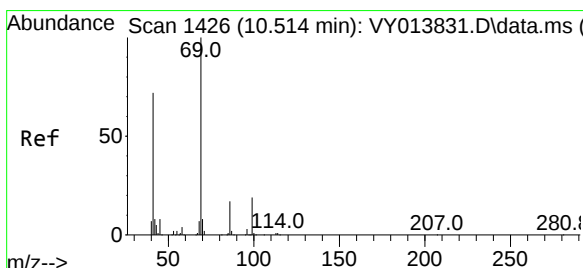
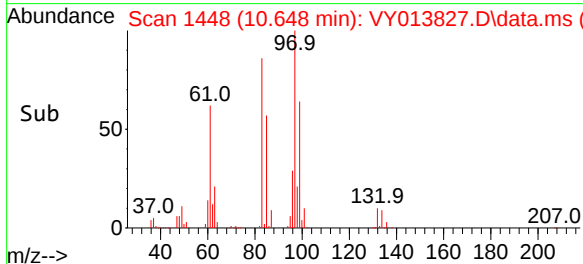
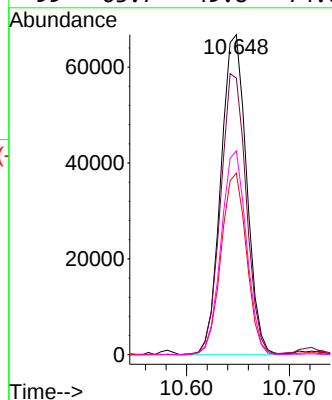
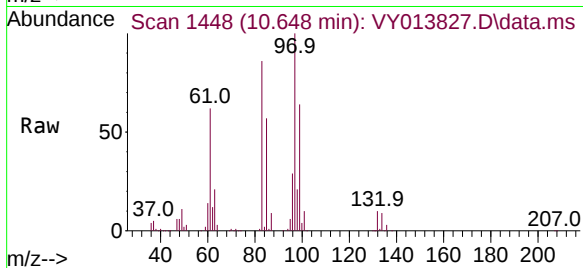
Ion Ratio Lower Upper

97 100

83 86.5 71.9 107.9

85 56.7 47.6 71.4

99 63.7 49.8 74.6



#56

Ethyl methacrylate

Concen: 50.256 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

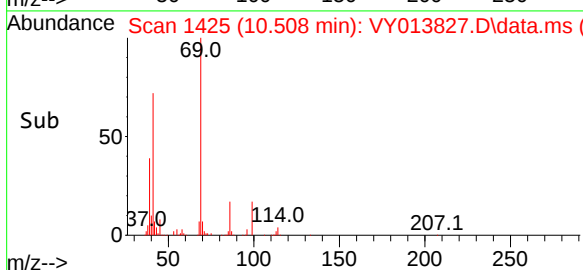
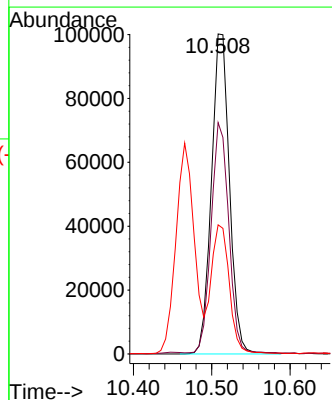
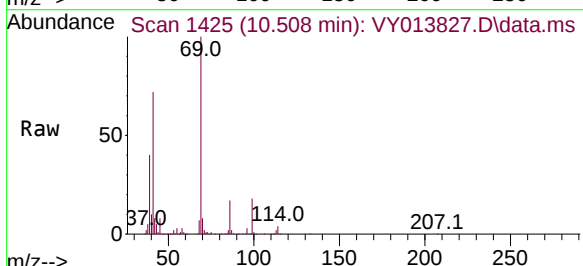
Tgt Ion: 69 Resp: 160344

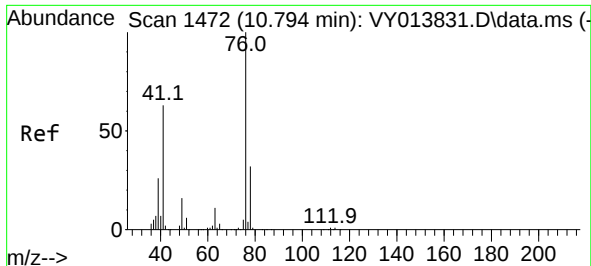
Ion Ratio Lower Upper

69 100

41 70.9 57.8 86.6

39 40.0 33.9 50.9





#57

1,3-Dichloropropane

Concen: 47.249 ug/l

RT: 10.789 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

Instrument :

MSVOA_Y

ClientSampleId :

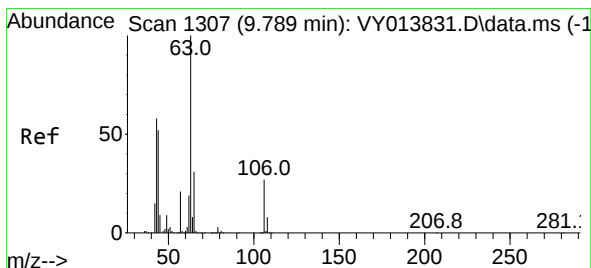
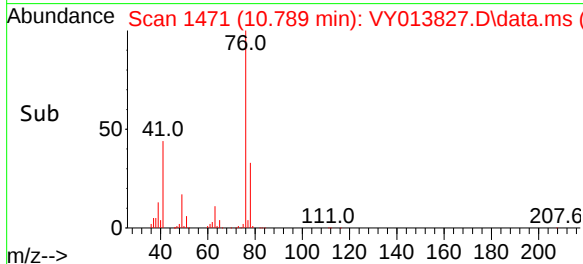
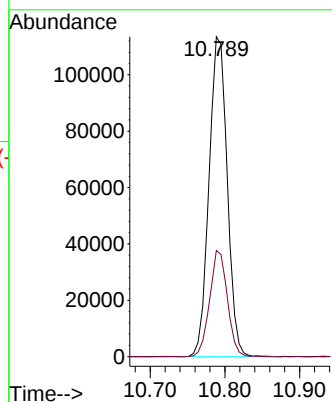
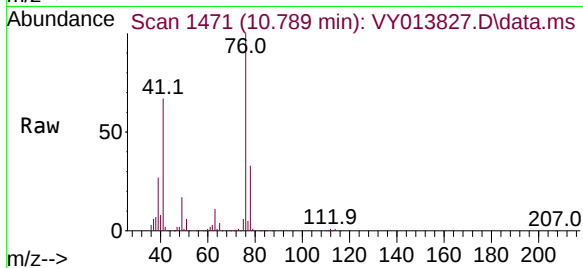
VSTDCCC050

Tgt Ion: 76 Resp: 192335

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 228.657 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY013827.D

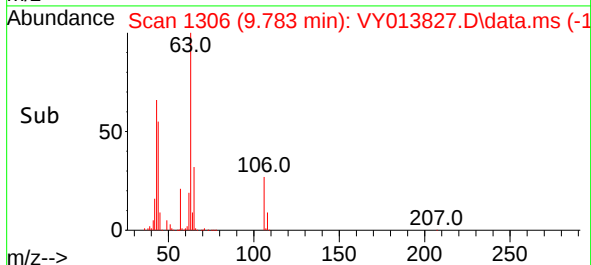
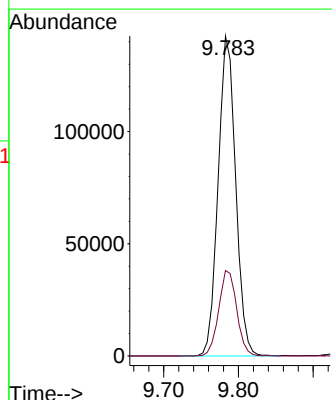
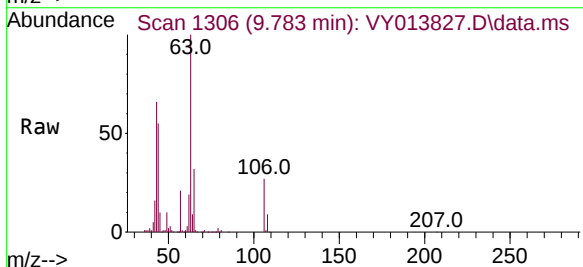
Acq: 23 May 2023 10:09

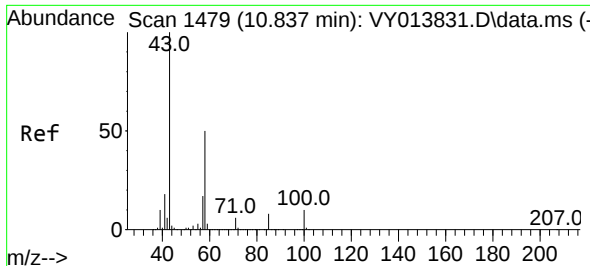
Tgt Ion: 63 Resp: 232782

Ion Ratio Lower Upper

63 100

106 27.4 21.3 31.9

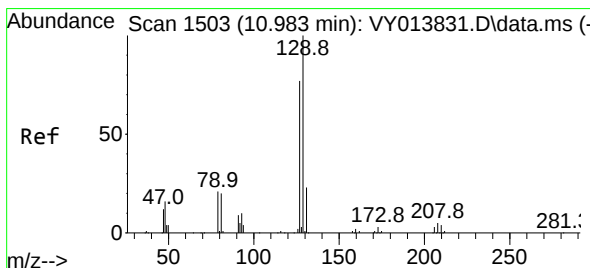
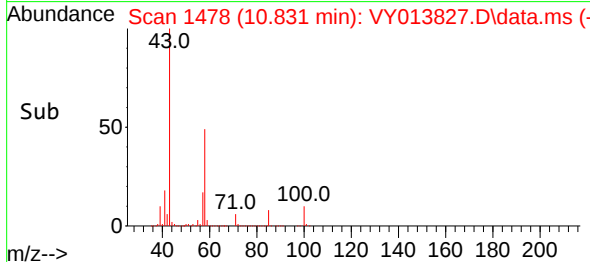
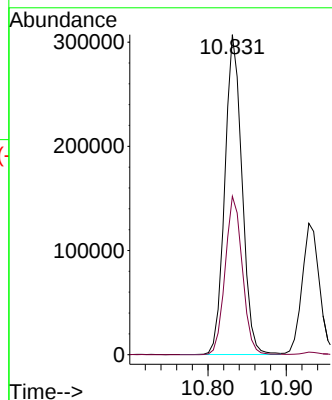
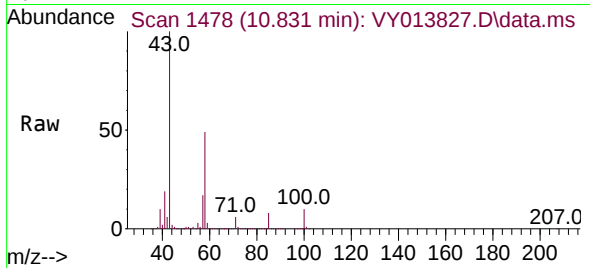




#59
2-Hexanone
Concen: 264.221 ug/l
RT: 10.831 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

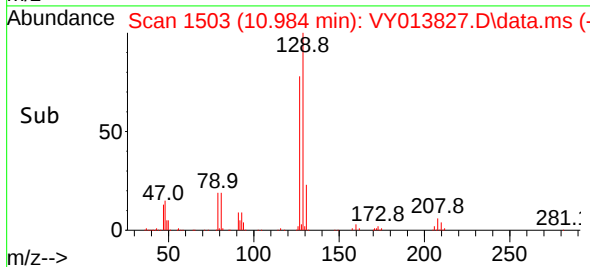
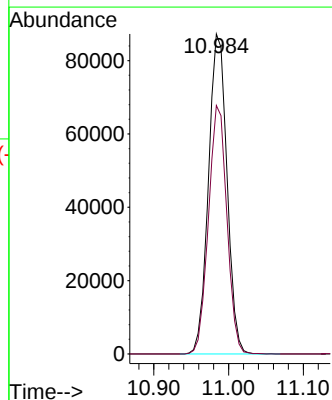
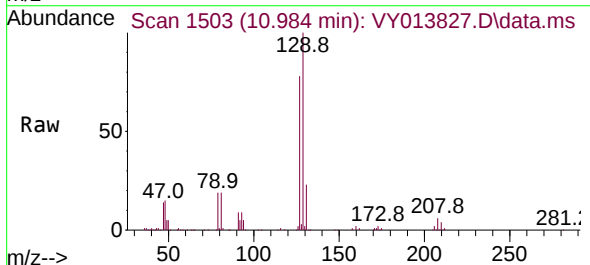
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

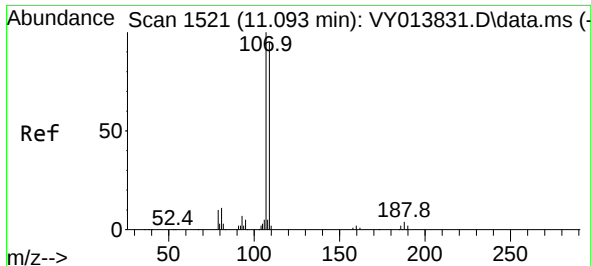
Tgt Ion: 43 Resp: 469391
Ion Ratio Lower Upper
43 100
58 49.5 24.8 74.3



#60
Dibromochloromethane
Concen: 49.589 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

Tgt Ion: 129 Resp: 149931
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0

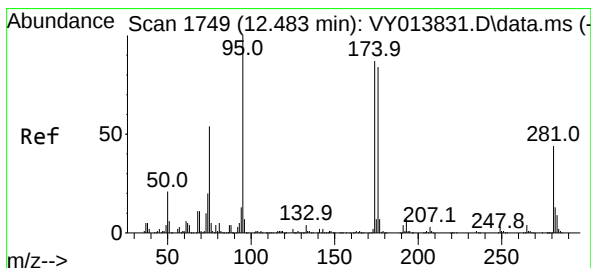
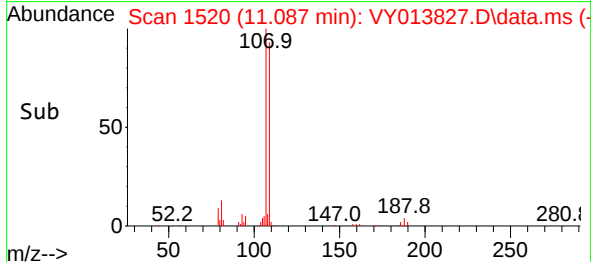
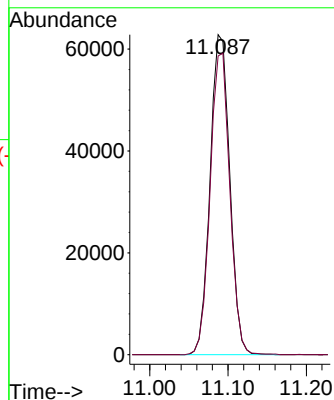
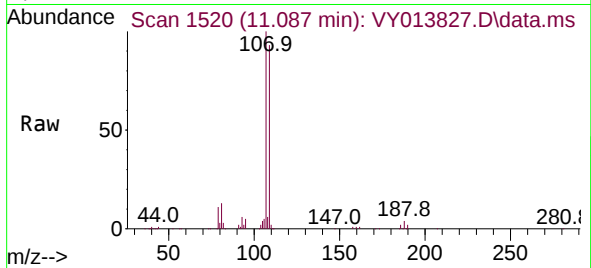




#61
1,2-Dibromoethane
Concen: 48.236 ug/l
RT: 11.087 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

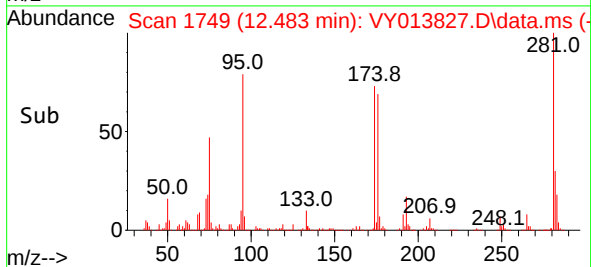
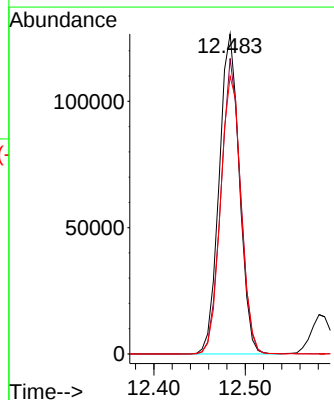
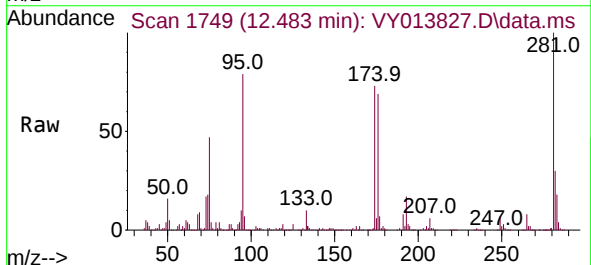
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

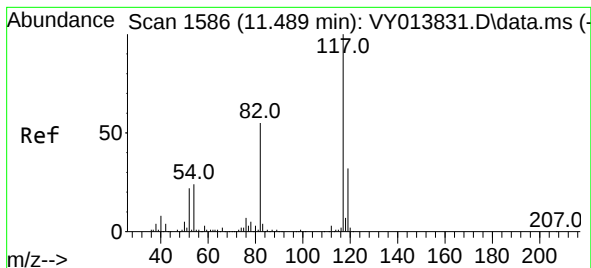
Tgt Ion:107 Resp: 109676
Ion Ratio Lower Upper
107 100
109 94.4 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 55.674 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

Tgt Ion: 95 Resp: 194691
Ion Ratio Lower Upper
95 100
174 89.4 0.0 176.0
176 87.9 0.0 178.2

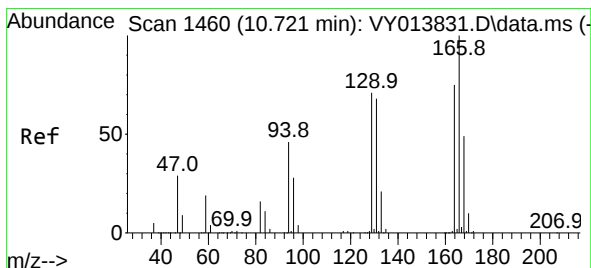
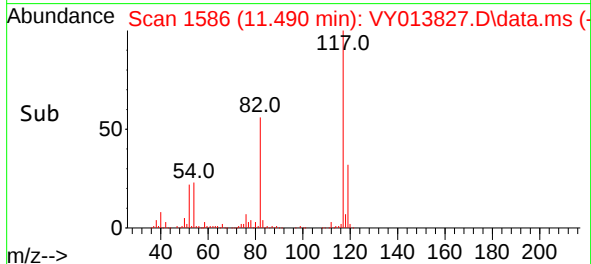
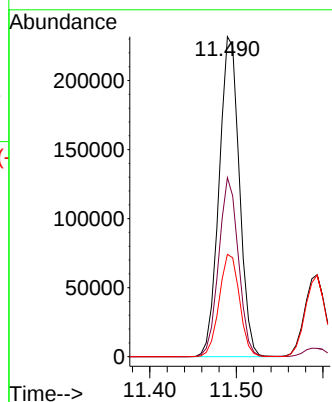
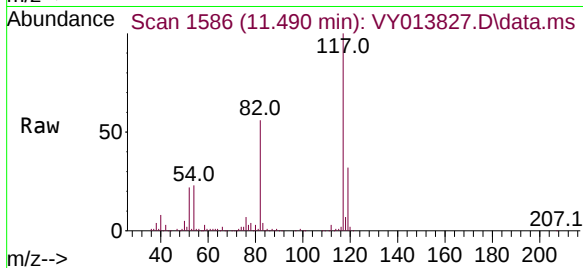




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

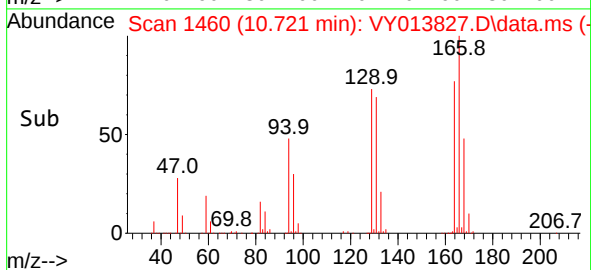
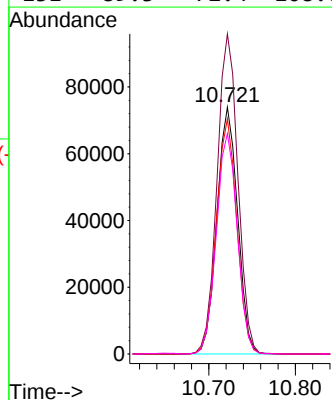
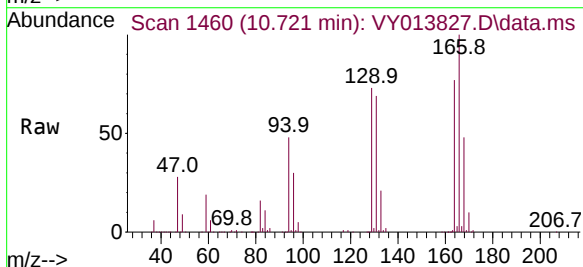
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

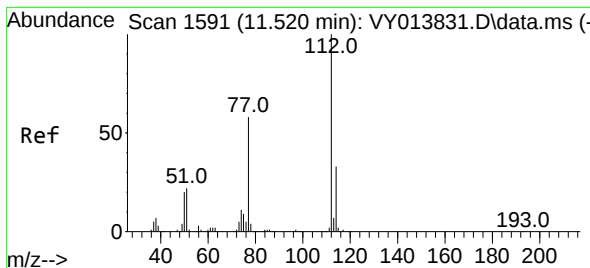
Tgt Ion:117 Resp: 376290
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.4
119 32.0 25.7 38.5



#64
Tetrachloroethene
Concen: 44.171 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

Tgt Ion:164 Resp: 122980
Ion Ratio Lower Upper
164 100
166 129.7 106.2 159.2
129 95.3 75.4 113.0
131 89.3 72.4 108.6





#65

Chlorobenzene

Concen: 47.452 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

Instrument :

MSVOA_Y

ClientSampleId :

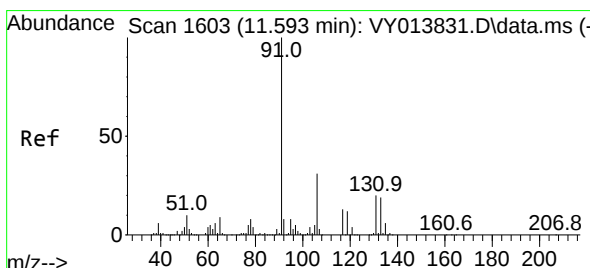
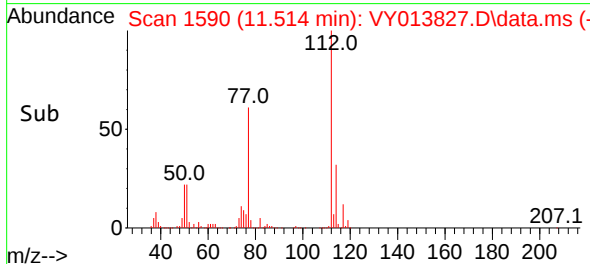
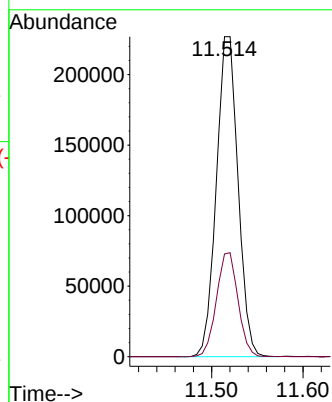
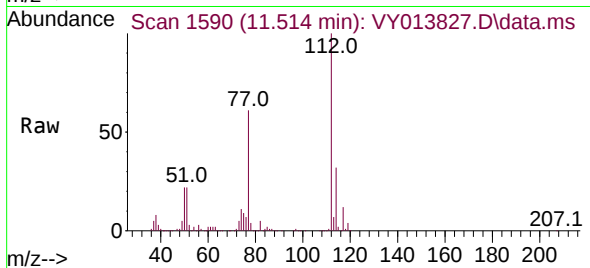
VSTDCCC050

Tgt Ion:112 Resp: 374232

Ion Ratio Lower Upper

112 100

114 32.1 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 48.904 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

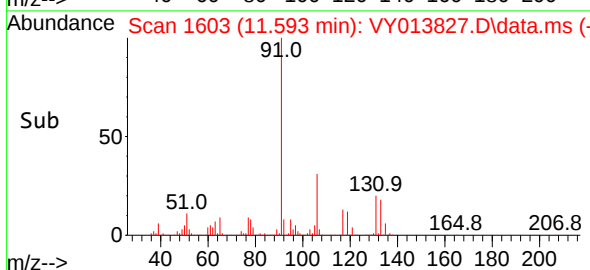
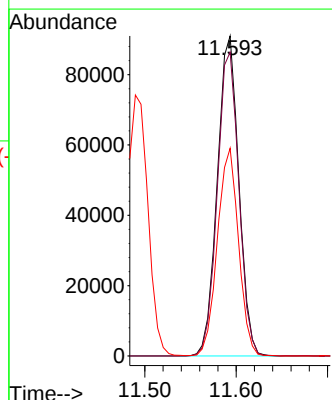
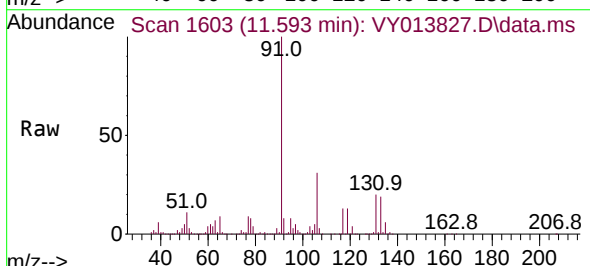
Tgt Ion:131 Resp: 148858

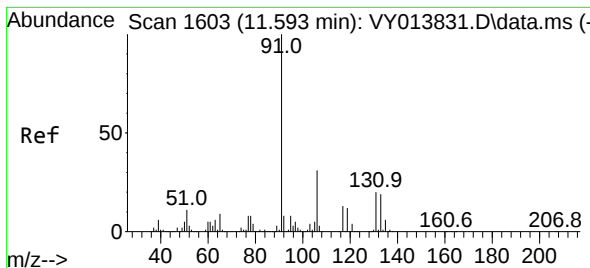
Ion Ratio Lower Upper

131 100

133 95.1 47.9 143.7

119 63.9 32.1 96.5





#67

Ethyl Benzene

Concen: 47.588 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

Instrument :

MSVOA_Y

ClientSampleId :

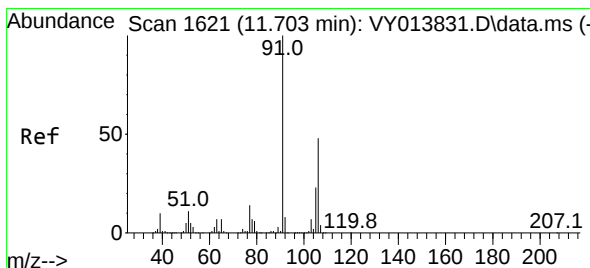
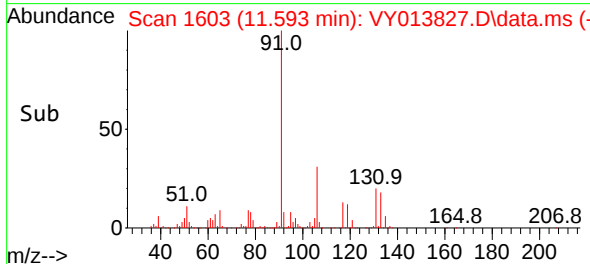
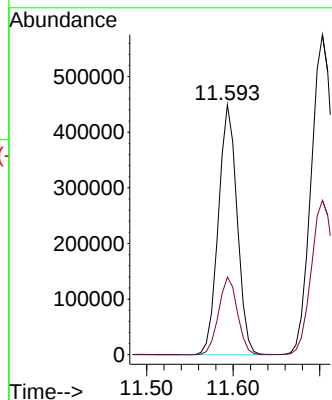
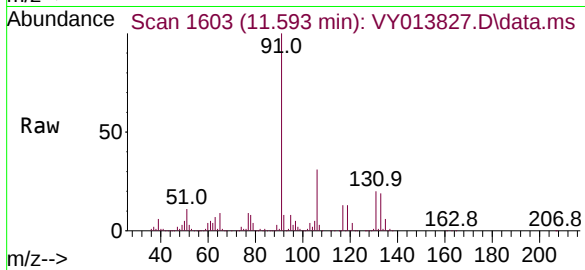
VSTDCCC050

Tgt Ion: 91 Resp: 675390

Ion Ratio Lower Upper

91 100

106 31.0 24.7 37.1



#68

m/p-Xylenes

Concen: 94.293 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY013827.D

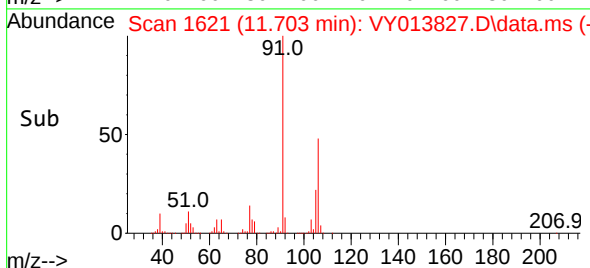
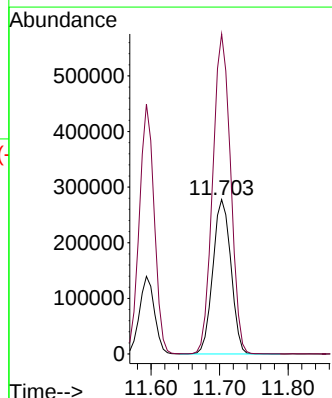
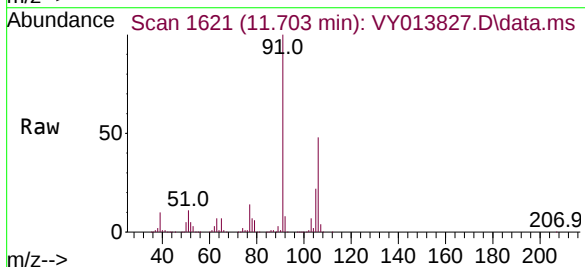
Acq: 23 May 2023 10:09

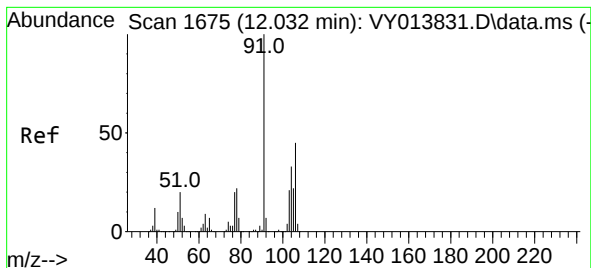
Tgt Ion: 106 Resp: 506448

Ion Ratio Lower Upper

106 100

91 205.2 164.9 247.3

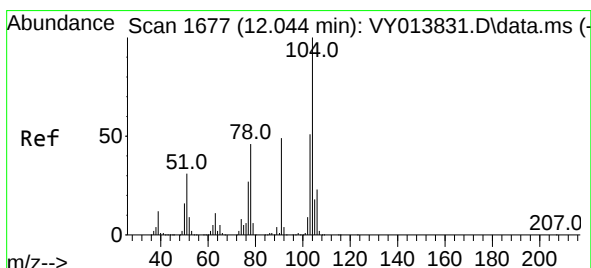
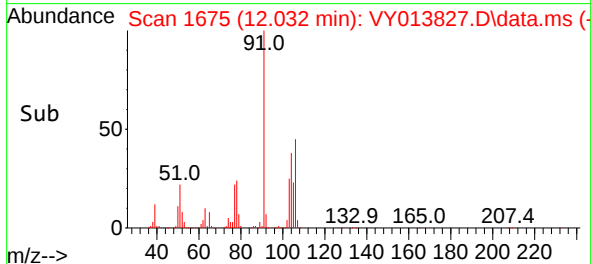
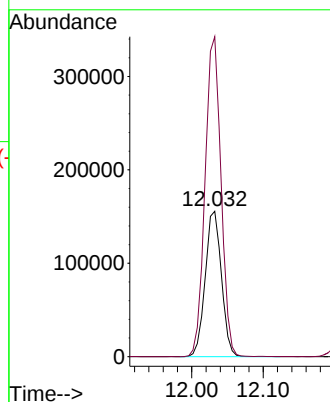
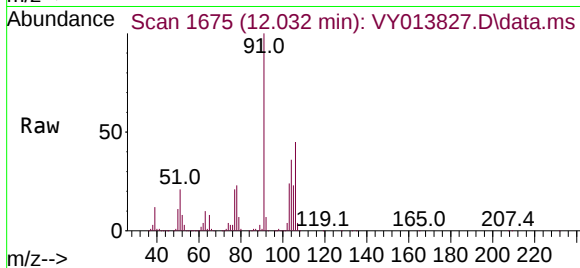




#69
o-Xylene
Concen: 48.572 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

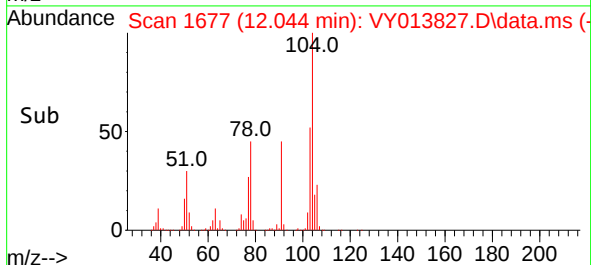
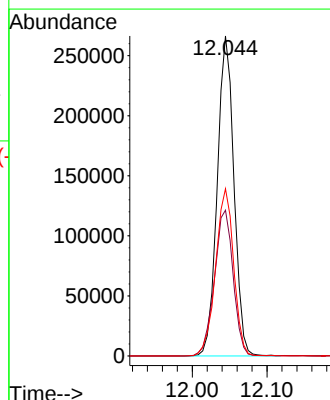
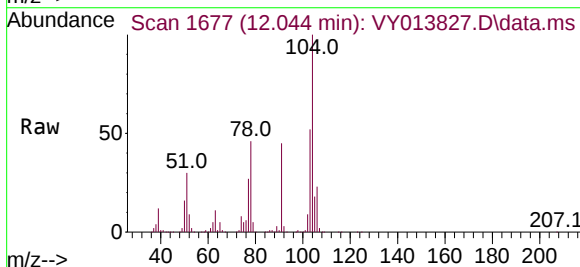
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

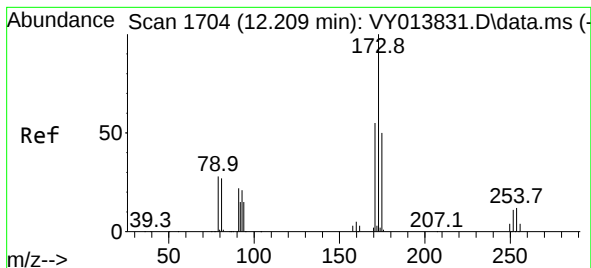
Tgt Ion:106 Resp: 245740
Ion Ratio Lower Upper
106 100
91 216.3 109.0 327.0



#70
Styrene
Concen: 48.221 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

Tgt Ion:104 Resp: 413251
Ion Ratio Lower Upper
104 100
78 51.1 40.8 61.2
103 56.4 44.2 66.4





#71

Bromoform

Concen: 50.307 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

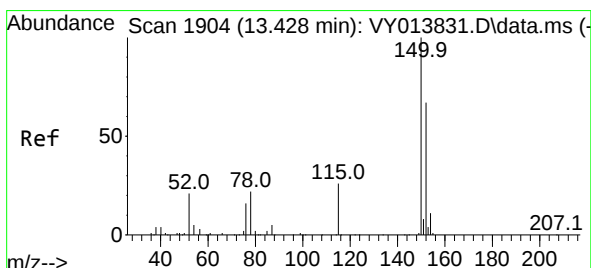
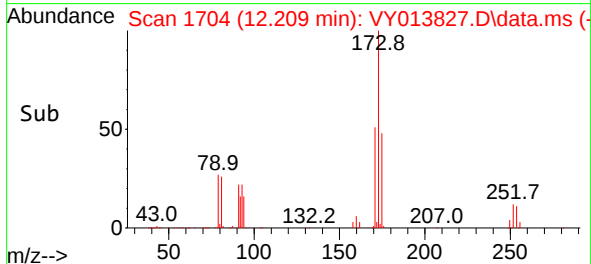
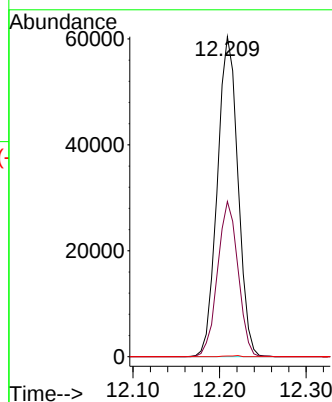
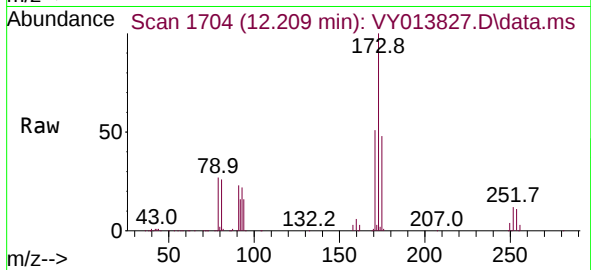
Tgt Ion:173 Resp: 100082

Ion Ratio Lower Upper

173 100

175 48.2 25.1 75.4

254 0.2 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: VY013827.D

Acq: 23 May 2023 10:09

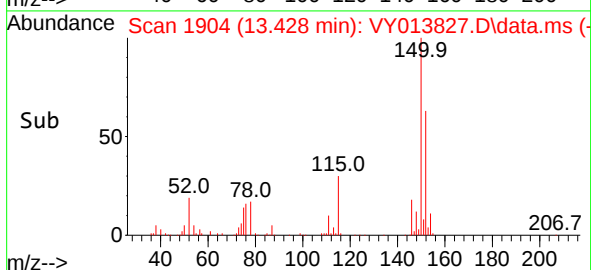
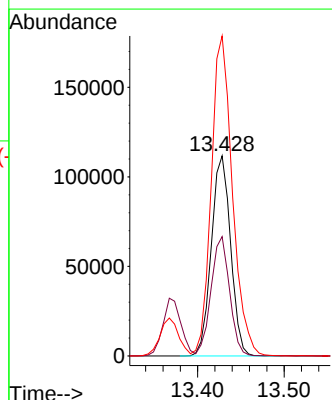
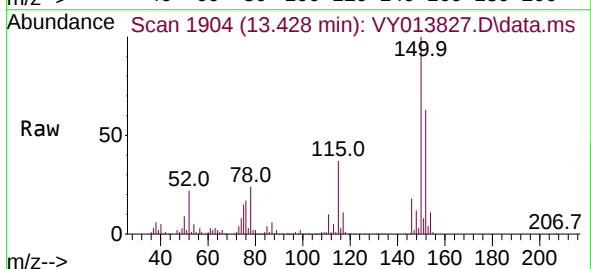
Tgt Ion:152 Resp: 172798

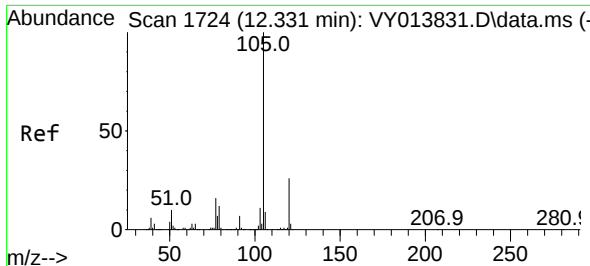
Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 175.3 0.0 353.4

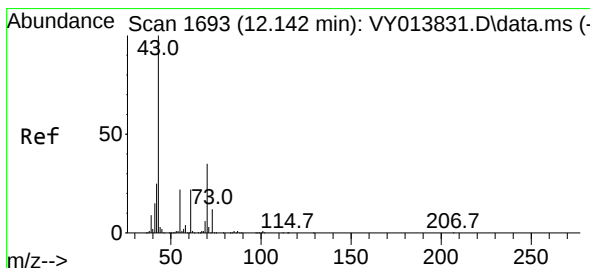
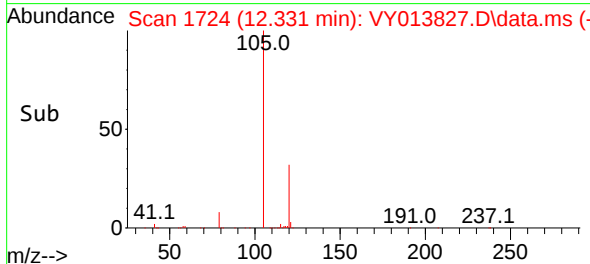
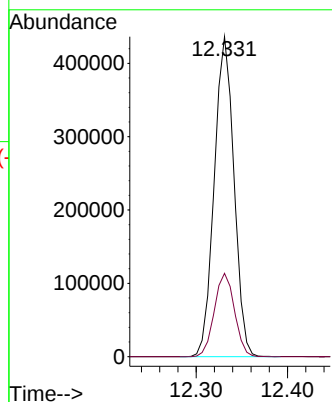
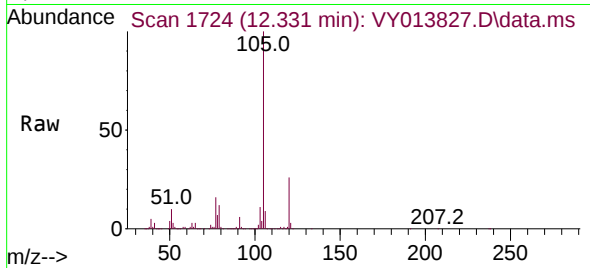




#73
Isopropylbenzene
Concen: 50.863 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

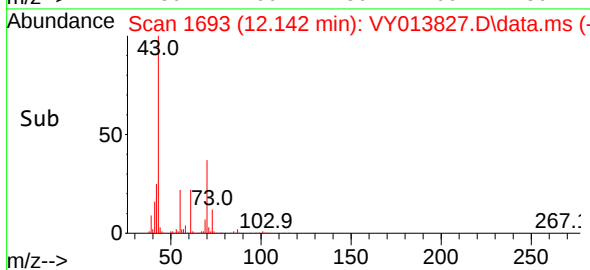
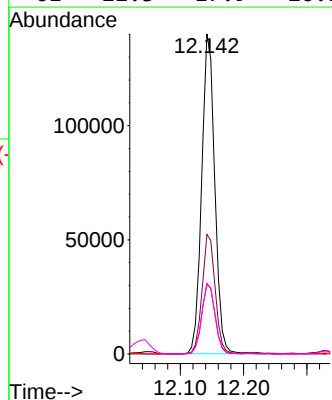
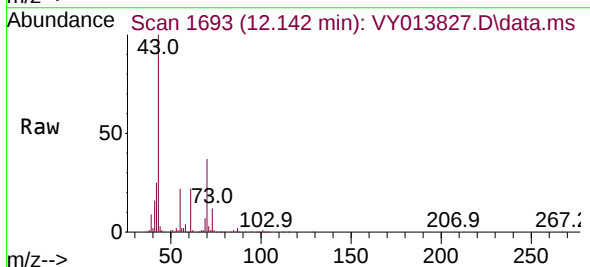
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

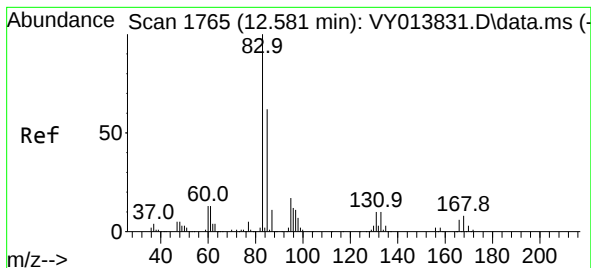
Tgt Ion:105 Resp: 654158
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.6



#74
N-ethyl acetate
Concen: 52.425 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

Tgt Ion: 43 Resp: 202718
Ion Ratio Lower Upper
43 100
70 37.3 29.3 43.9
55 22.6 18.0 27.0
61 22.3 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 52.534 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

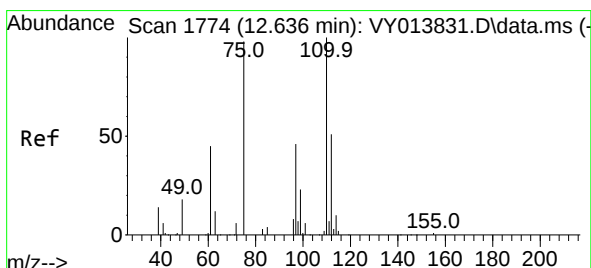
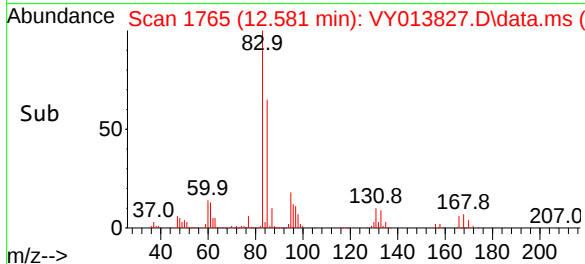
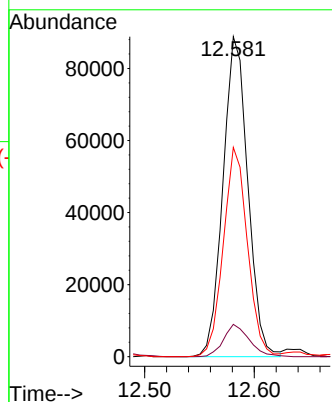
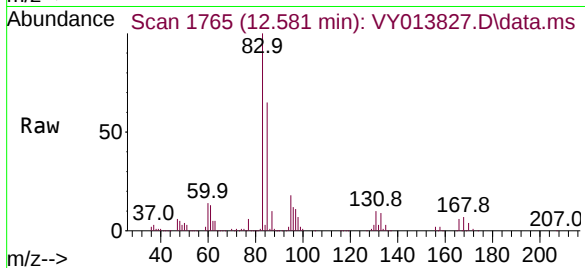
Tgt Ion: 83 Resp: 139867

Ion Ratio Lower Upper

83 100

131 10.4 5.3 16.1

85 63.6 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 91.204 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY013827.D

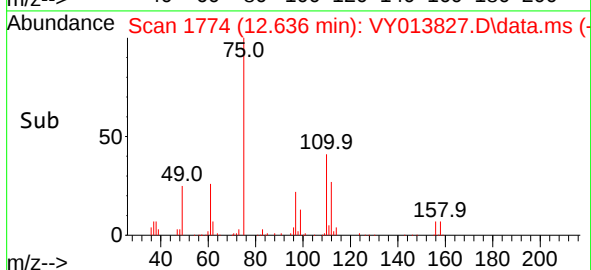
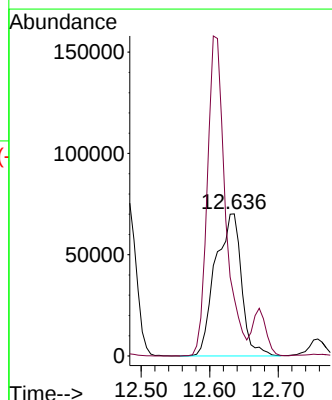
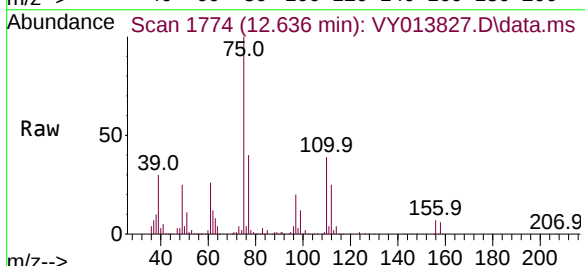
Acq: 23 May 2023 10:09

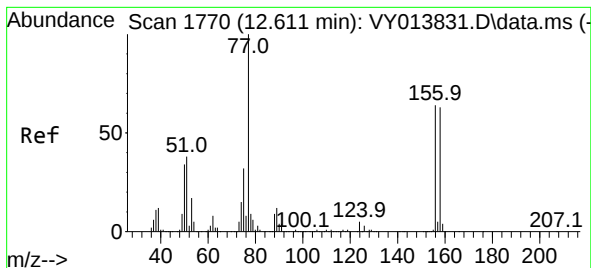
Tgt Ion: 75 Resp: 185830

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.691 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

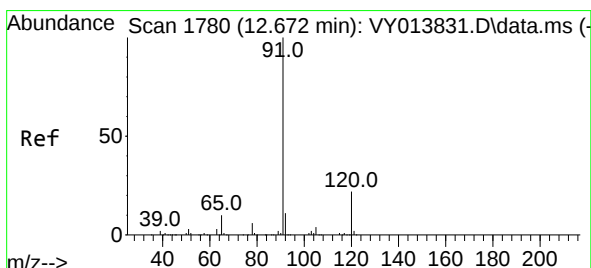
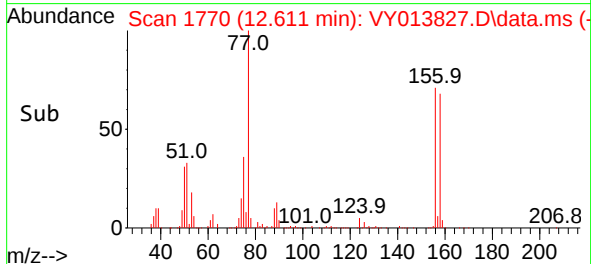
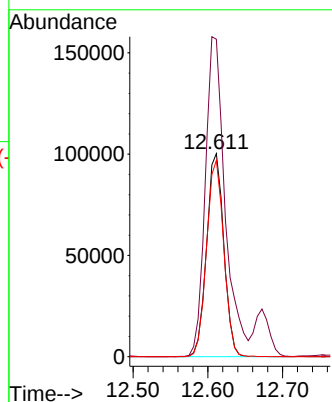
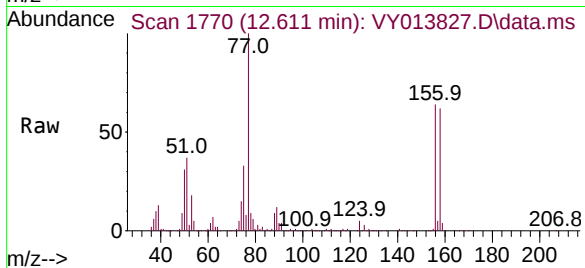
Tgt Ion:156 Resp: 159967

Ion Ratio Lower Upper

156 100

77 181.8 91.6 274.8

158 96.9 48.9 146.6



#78

n-propylbenzene

Concen: 49.769 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013827.D

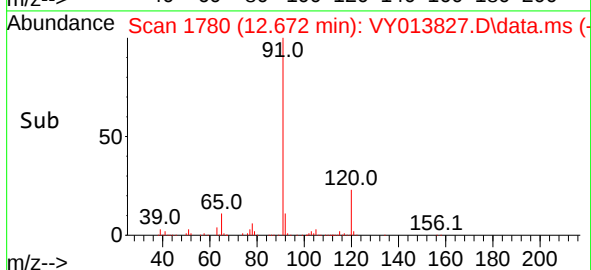
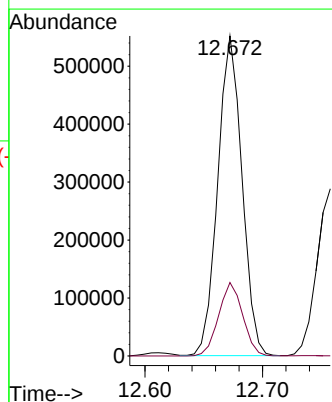
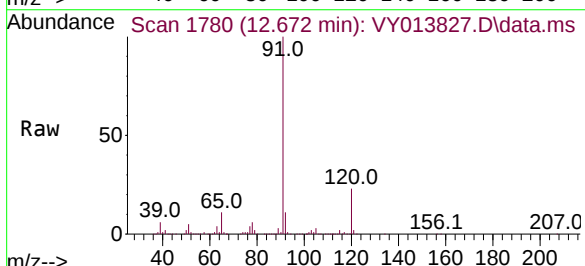
Acq: 23 May 2023 10:09

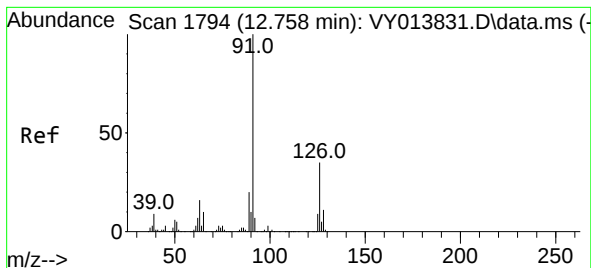
Tgt Ion: 91 Resp: 790775

Ion Ratio Lower Upper

91 100

120 22.8 11.3 33.9

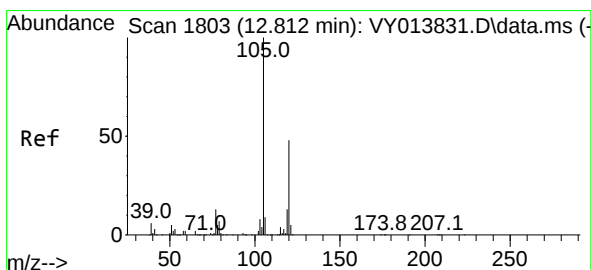
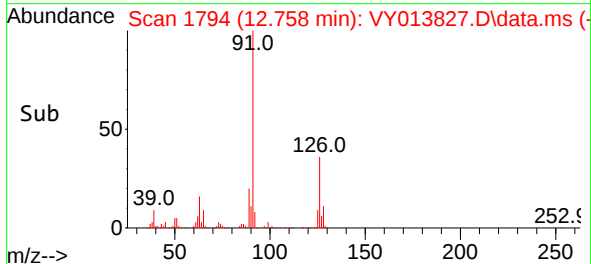
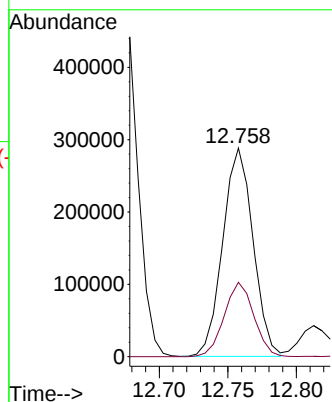
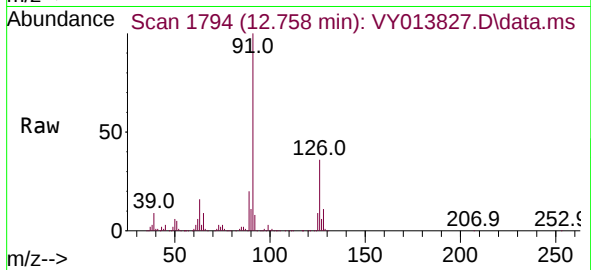




#79
2-Chlorotoluene
Concen: 49.934 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

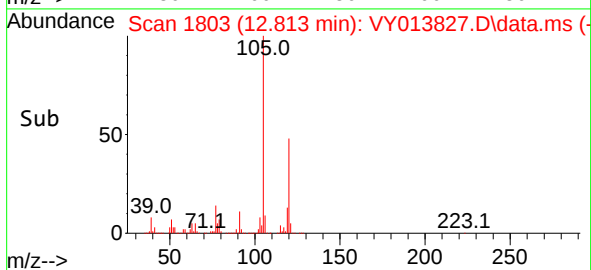
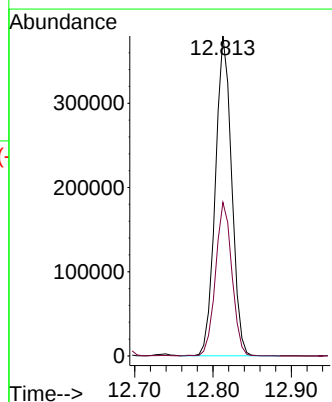
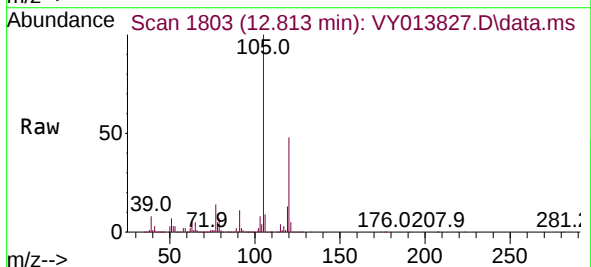
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

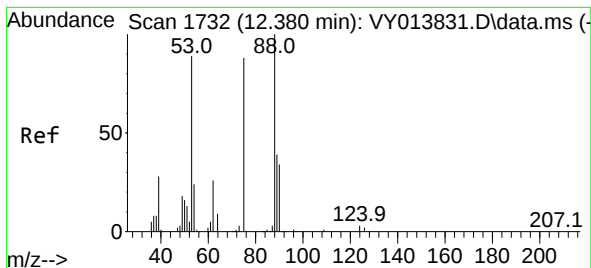
Tgt Ion: 91 Resp: 443170
Ion Ratio Lower Upper
91 100
126 34.9 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 51.611 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

Tgt Ion: 105 Resp: 547918
Ion Ratio Lower Upper
105 100
120 48.1 23.9 71.7

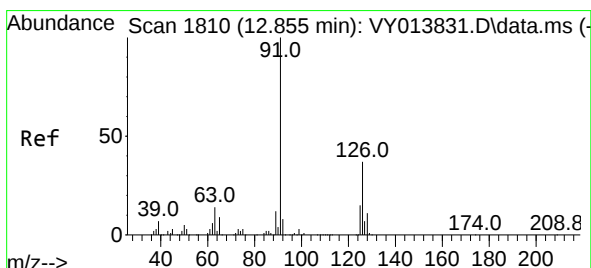
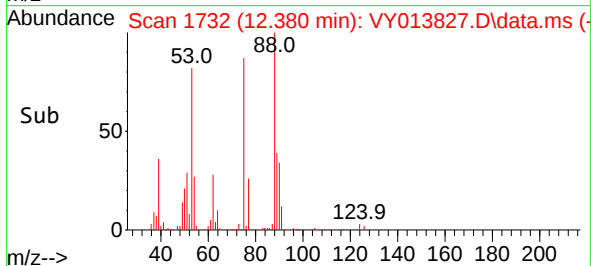
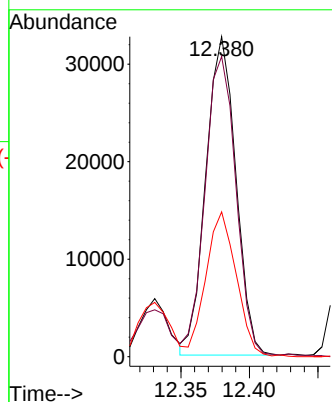
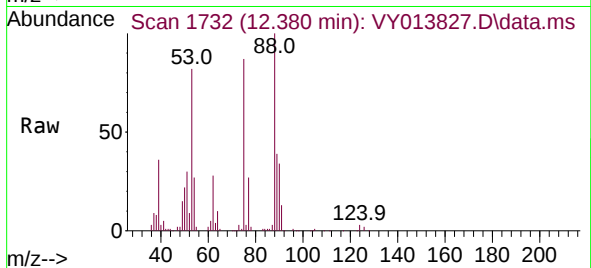




#81
trans-1,4-Dichloro-2-butene
Concen: 53.047 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

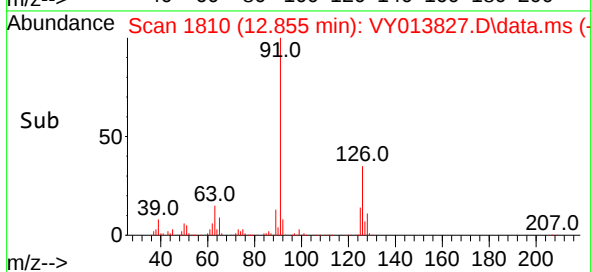
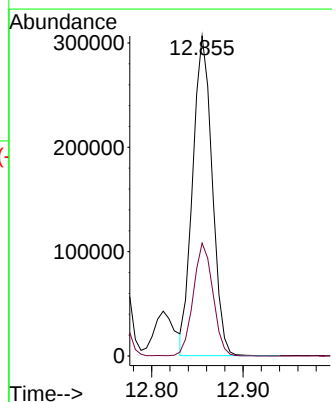
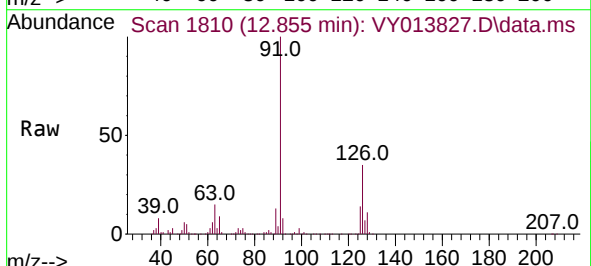
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

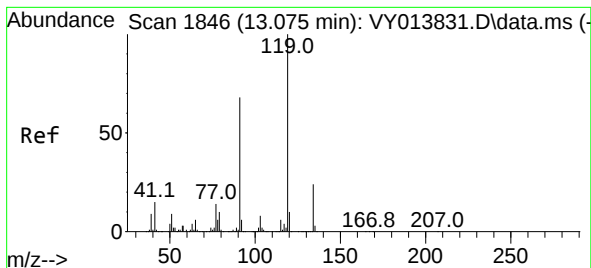
Tgt Ion: 75 Resp: 49793
Ion Ratio Lower Upper
75 100
53 96.4 79.7 119.5
89 45.8 36.4 54.6



#82
4-Chlorotoluene
Concen: 49.440 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013827.D
Acq: 23 May 2023 10:09

Tgt Ion: 91 Resp: 453517
Ion Ratio Lower Upper
91 100
126 35.6 17.9 53.7





#83

tert-Butylbenzene

Concen: 50.874 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

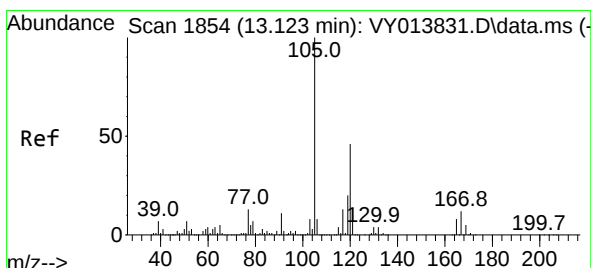
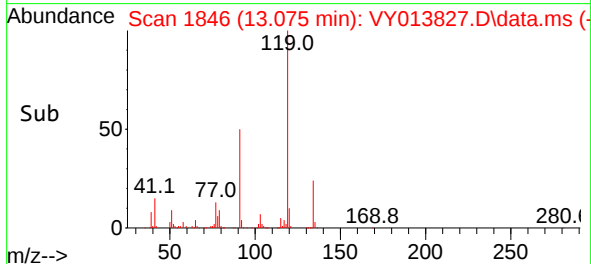
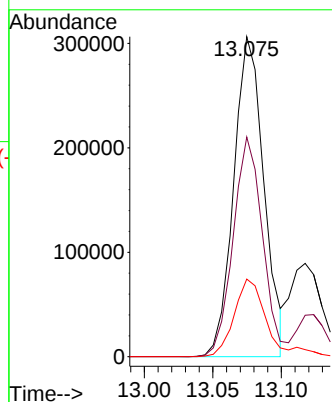
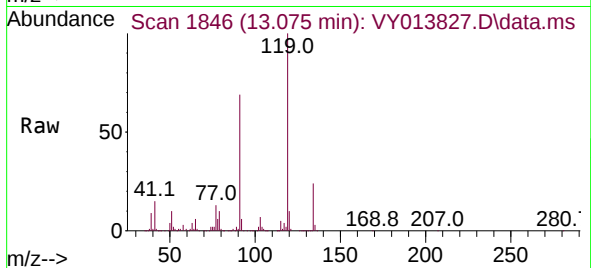
Tgt Ion:119 Resp: 470400

Ion Ratio Lower Upper

119 100

91 67.2 33.7 101.0

134 26.3 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 53.313 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY013827.D

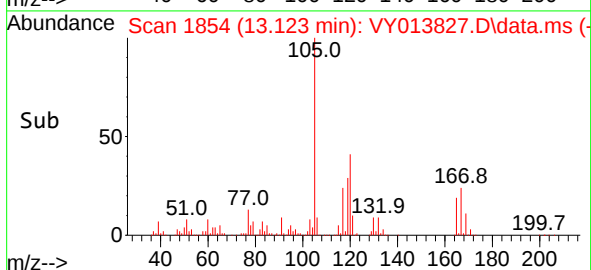
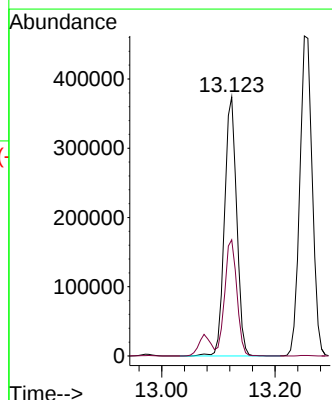
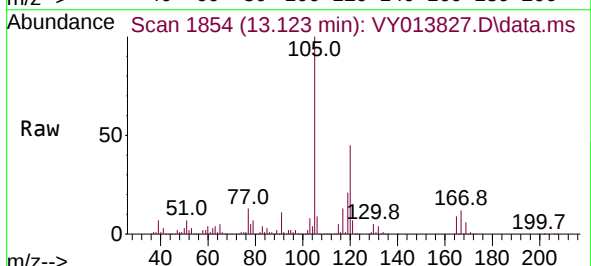
Acq: 23 May 2023 10:09

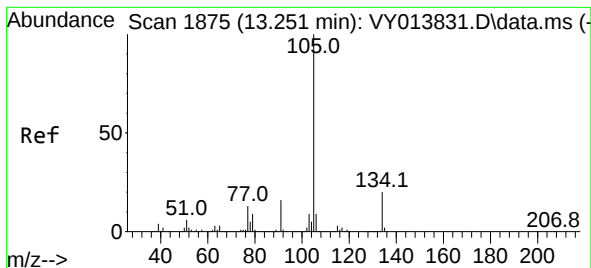
Tgt Ion:105 Resp: 555581

Ion Ratio Lower Upper

105 100

120 44.9 22.4 67.3





#85

sec-Butylbenzene

Concen: 51.143 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

Instrument :

MSVOA_Y

ClientSampleId :

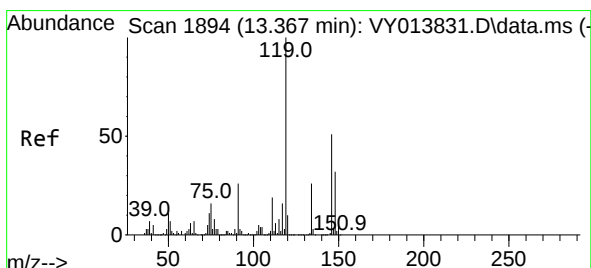
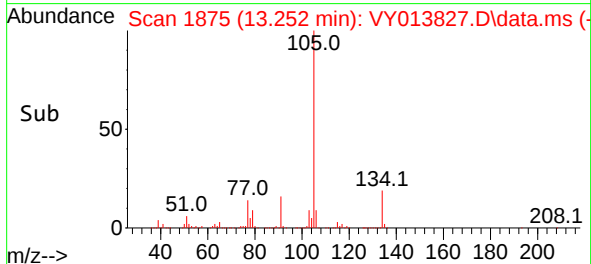
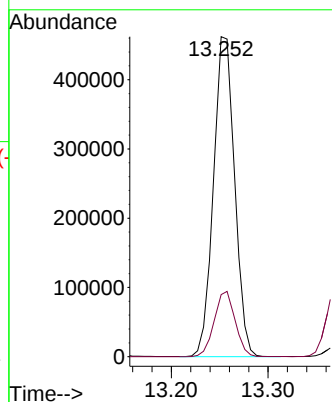
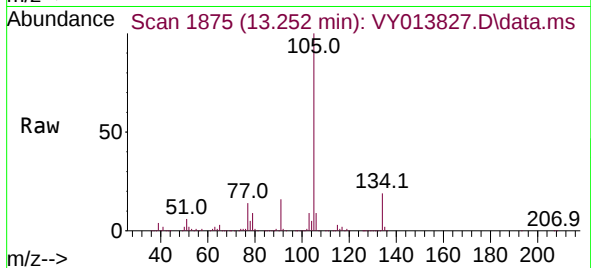
VSTDCCC050

Tgt Ion:105 Resp: 702457

Ion Ratio Lower Upper

105 100

134 20.2 10.3 30.8



#86

p-Isopropyltoluene

Concen: 50.866 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

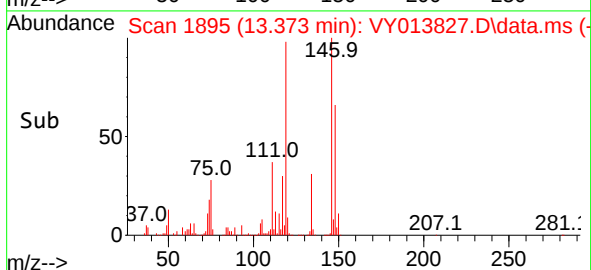
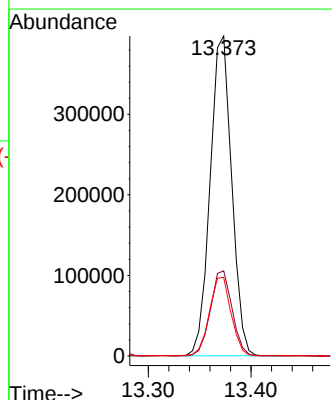
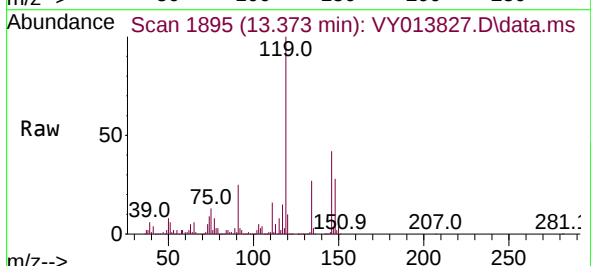
Tgt Ion:119 Resp: 577452

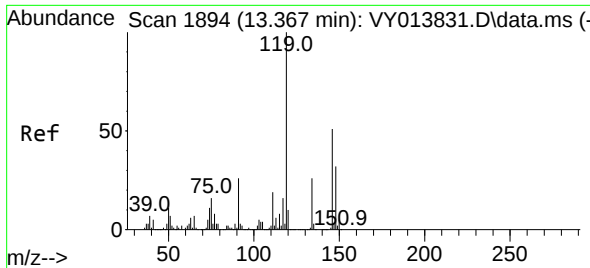
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.9

91 24.7 12.4 37.4

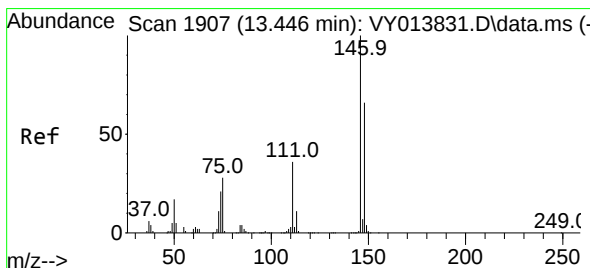
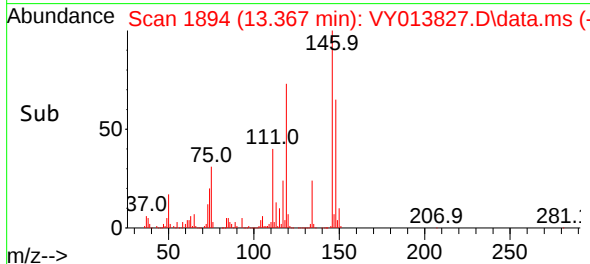
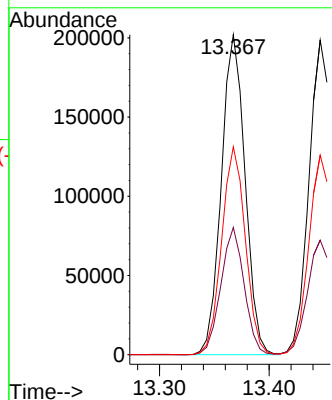
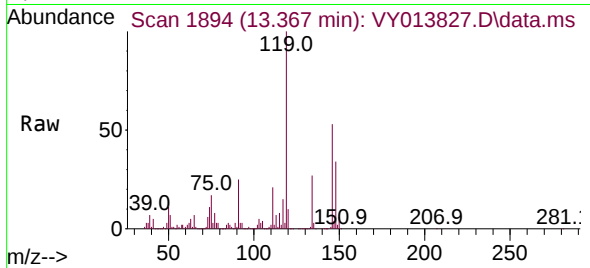




#87
 1,3-Dichlorobenzene
 Concen: 49.845 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013827.D
 Acq: 23 May 2023 10:09

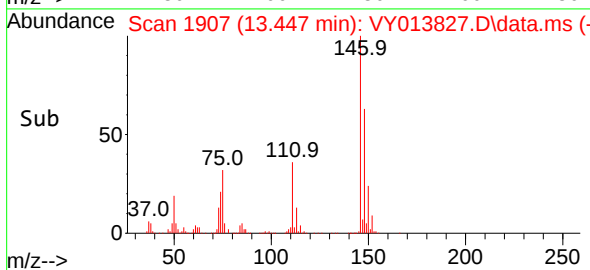
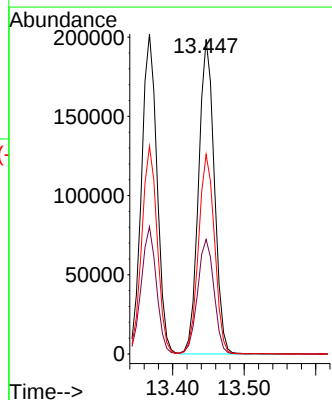
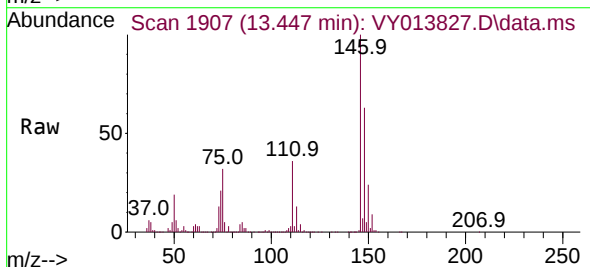
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

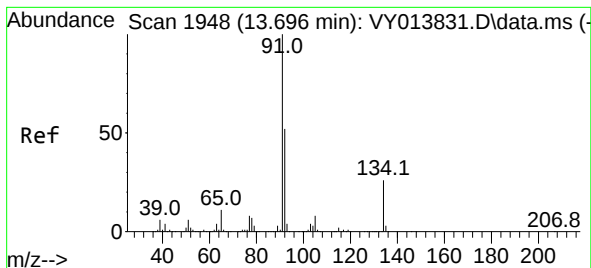
Tgt Ion:146 Resp: 303808
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.1 57.5
 148 64.8 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 49.989 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY013827.D
 Acq: 23 May 2023 10:09

Tgt Ion:146 Resp: 303341
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.6 55.8
 148 64.6 32.4 97.2





#89

n-Butylbenzene

Concen: 50.861 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

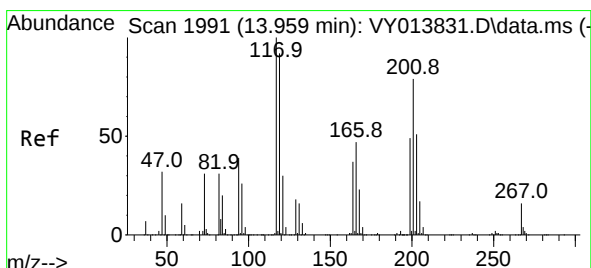
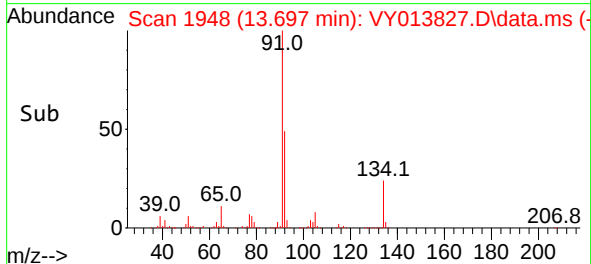
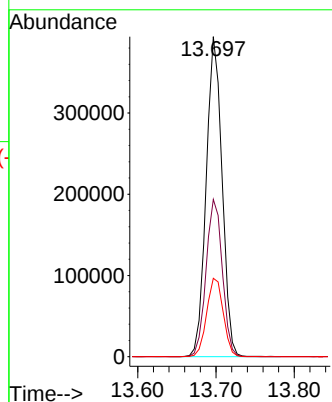
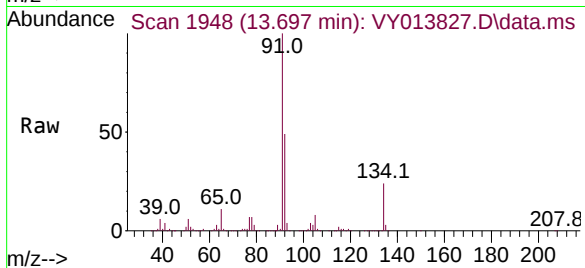
Tgt Ion: 91 Resp: 553700

Ion Ratio Lower Upper

91 100

92 50.3 25.6 76.6

134 25.5 13.0 38.9



#90

Hexachloroethane

Concen: 51.178 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY013827.D

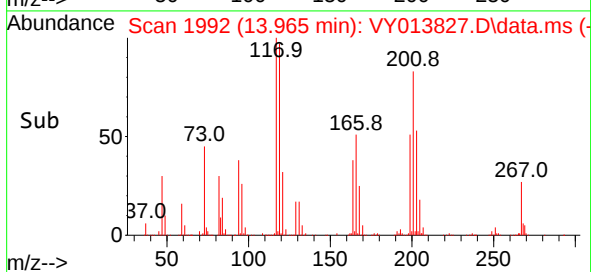
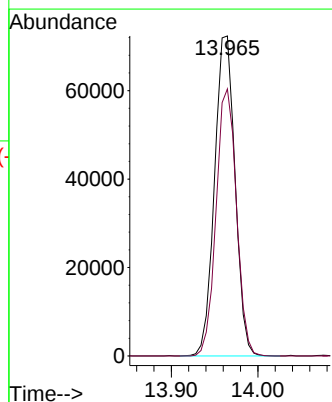
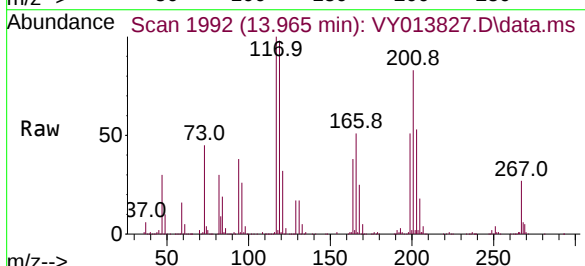
Acq: 23 May 2023 10:09

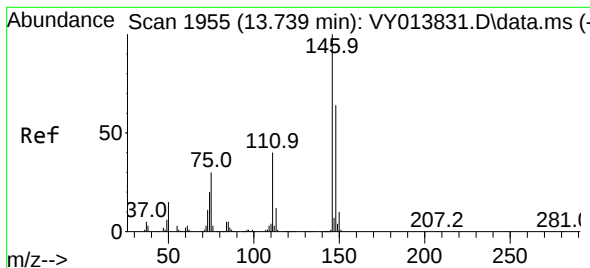
Tgt Ion: 117 Resp: 119287

Ion Ratio Lower Upper

117 100

201 82.6 42.3 126.8





#91

1,2-Dichlorobenzene

Concen: 51.207 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

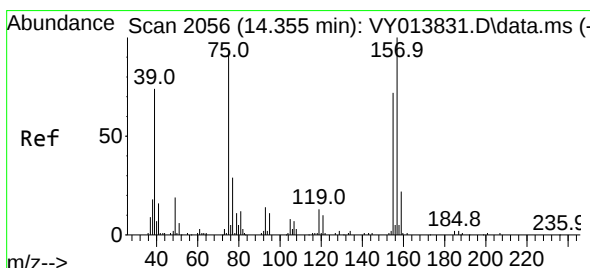
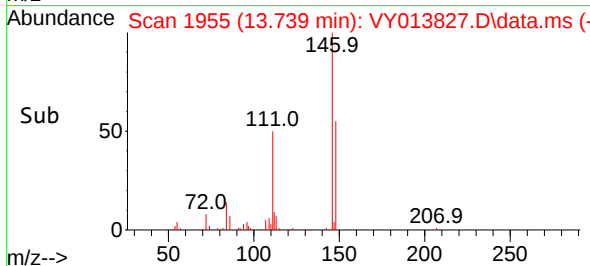
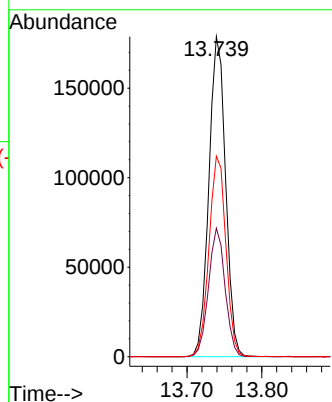
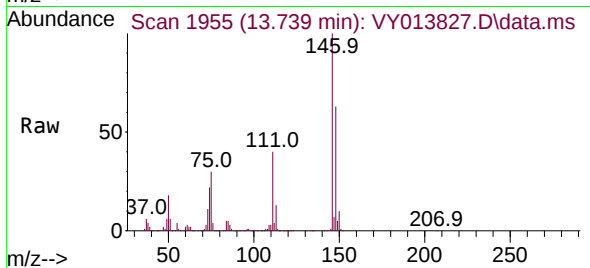
Tgt Ion:146 Resp: 277376

Ion Ratio Lower Upper

146 100

111 39.9 19.6 58.8

148 63.5 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.151 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

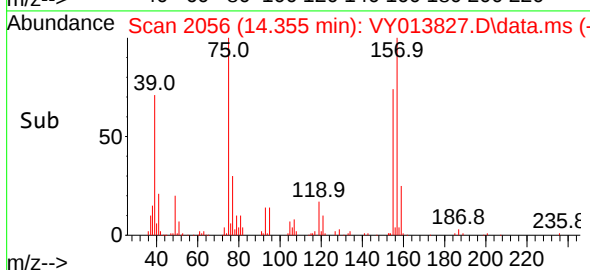
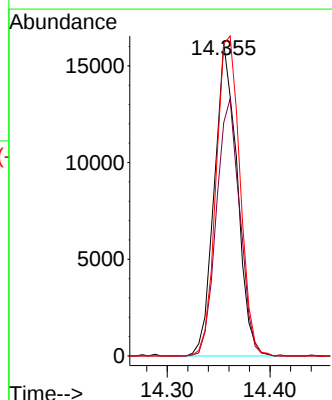
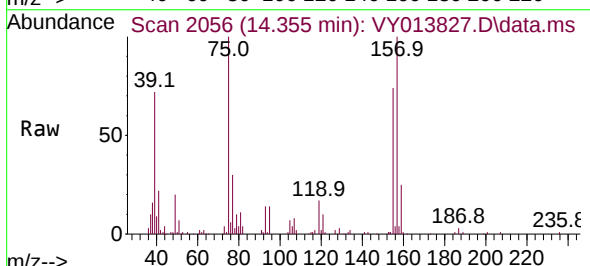
Tgt Ion: 75 Resp: 24792

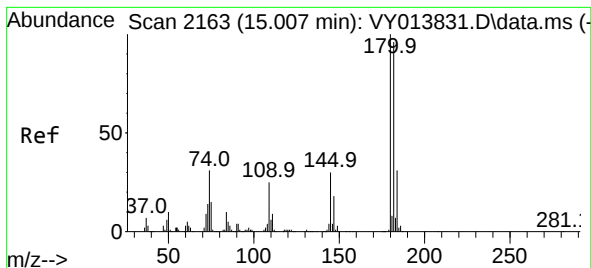
Ion Ratio Lower Upper

75 100

155 84.6 39.9 119.6

157 107.1 54.6 163.8





#93

1,2,4-Trichlorobenzene

Concen: 51.609 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

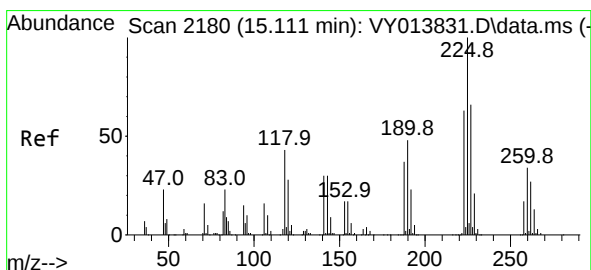
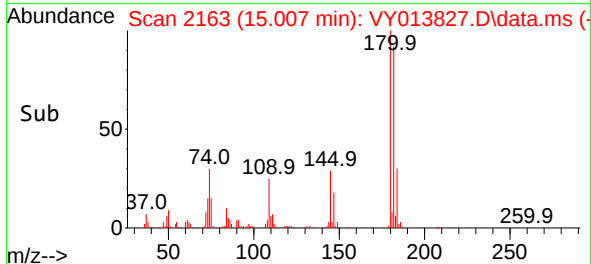
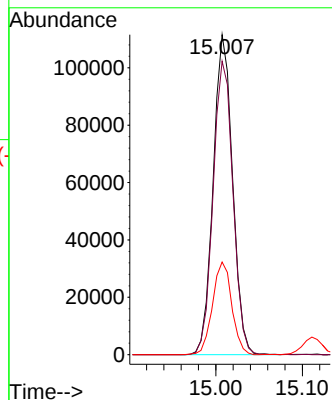
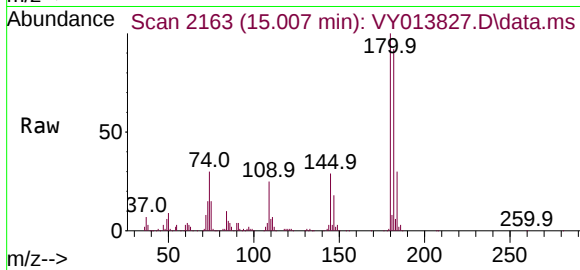
Tgt Ion:180 Resp: 173306

Ion Ratio Lower Upper

180 100

182 93.9 48.1 144.3

145 28.8 14.8 44.4



#94

Hexachlorobutadiene

Concen: 49.623 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

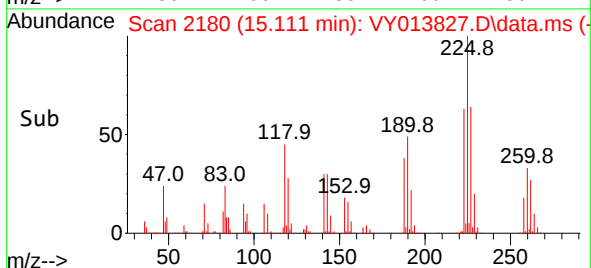
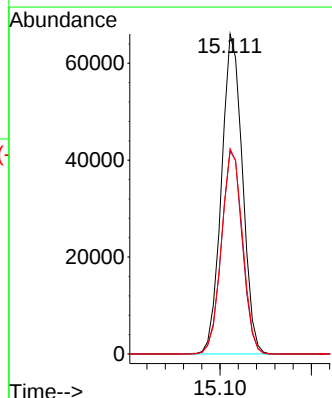
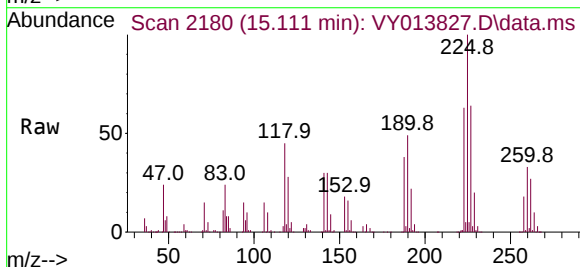
Tgt Ion:225 Resp: 105069

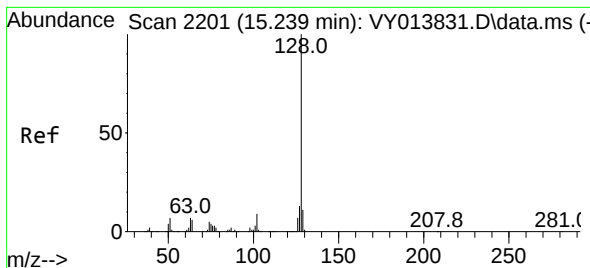
Ion Ratio Lower Upper

225 100

223 63.3 31.3 93.9

227 64.5 32.9 98.6





#95

Naphthalene

Concen: 47.019 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

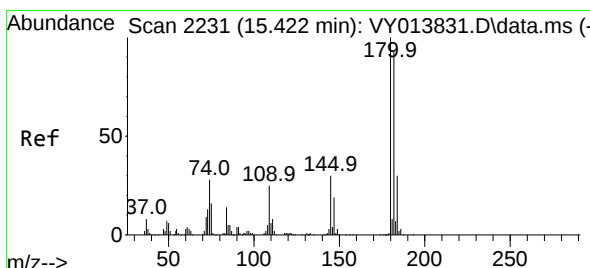
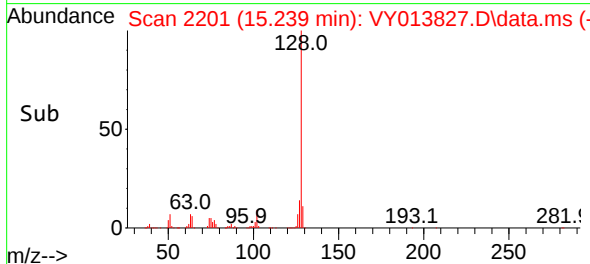
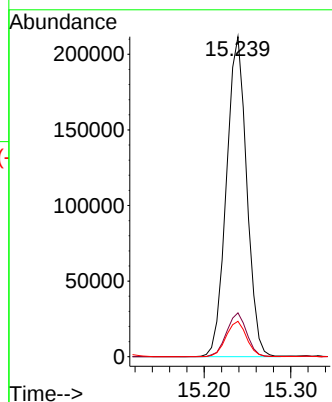
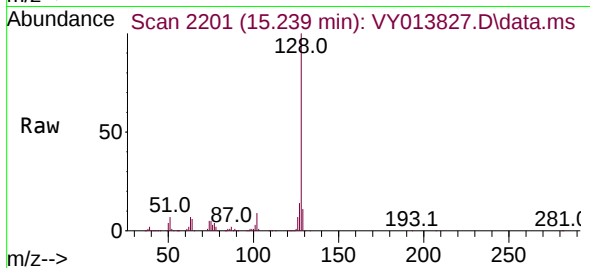
Tgt Ion:128 Resp: 344559

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

129 11.2 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 51.253 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY013827.D

Acq: 23 May 2023 10:09

Tgt Ion:180 Resp: 153056

Ion Ratio Lower Upper

180 100

182 95.5 47.4 142.2

145 30.6 15.5 46.5

