

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
 Data File : VY015017.D
 Acq On : 09 Aug 2023 19:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 10 01:51:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	333576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	553041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	499958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	254145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	197960	48.963	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.920%
35) Dibromofluoromethane	7.716	113	178992	50.612	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.220%
50) Toluene-d8	10.179	98	646764	48.047	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.100%
62) 4-Bromofluorobenzene	12.477	95	237657	49.814	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	87706	47.283	ug/l	99
3) Chloromethane	2.107	50	126292	48.107	ug/l	99
4) Vinyl Chloride	2.247	62	164816	50.950	ug/l	97
5) Bromomethane	2.637	94	121222	59.326	ug/l	100
6) Chloroethane	2.784	64	122308	54.761	ug/l	94
7) Trichlorofluoromethane	3.119	101	264793	51.800	ug/l	98
8) Diethyl Ether	3.521	74	105838	56.109	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.893	101	149788	49.499	ug/l	98
10) Methyl Iodide	4.082	142	199716	63.835	ug/l	97
11) Tert butyl alcohol	4.948	59	208178	213.351	ug/l #	85
12) 1,1-Dichloroethene	3.863	96	137390	52.108	ug/l	91
13) Acrolein	3.723	56	86627	260.972	ug/l	98
14) Allyl chloride	4.472	41	233397	53.157	ug/l	96
15) Acrylonitrile	5.155	53	330102	286.448	ug/l	98
16) Acetone	3.942	43	352364	279.489	ug/l	92
17) Carbon Disulfide	4.186	76	287320	49.287	ug/l	100
18) Methyl Acetate	4.472	43	292092	63.619	ug/l #	91
19) Methyl tert-butyl Ether	5.216	73	575014	57.643	ug/l	100
20) Methylene Chloride	4.710	84	198320	38.001	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	161256	53.655	ug/l	95
22) Diisopropyl ether	6.118	45	569073	55.643	ug/l #	90
23) Vinyl Acetate	6.057	43	1507756	245.248	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	320354	55.224	ug/l	98
25) 2-Butanone	6.978	43	489084	270.846	ug/l	95
26) 2,2-Dichloropropane	6.978	77	261288	44.514	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	213500	56.135	ug/l	93
28) Bromochloromethane	7.326	49	122768	46.947	ug/l	87
29) Tetrahydrofuran	7.344	42	296817	280.297	ug/l	89
30) Chloroform	7.502	83	357958	56.805	ug/l	98
31) Cyclohexane	7.777	56	206331	49.283	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	306062	55.112	ug/l	98
36) 1,1-Dichloropropene	7.917	75	223698	50.948	ug/l	98
37) Ethyl Acetate	7.069	43	189856	54.475	ug/l #	95
38) Carbon Tetrachloride	7.899	117	262135	53.106	ug/l	97
39) Methylcyclohexane	9.179	83	251761	48.216	ug/l	92
40) Benzene	8.155	78	697200	53.925	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	275507	162.665	ug/l #	28
42) 1,2-Dichloroethane	8.234	62	249746	55.494	ug/l	96
43) Isopropyl Acetate	8.271	43	362717	56.016	ug/l	96
44) Trichloroethene	8.935	130	207239	55.862	ug/l	97
45) 1,2-Dichloropropane	9.215	63	184884	53.806	ug/l	99
46) Dibromomethane	9.301	93	124798	56.380	ug/l	99
47) Bromodichloromethane	9.496	83	291616	57.210	ug/l	99
48) Methyl methacrylate	9.289	41	162656	57.253	ug/l	93
49) 1,4-Dioxane	9.295	88	46991	1141.318	ug/l #	64
51) 4-Methyl-2-Pentanone	10.069	43	1024104	280.652	ug/l	92
52) Toluene	10.240	92	445887	53.592	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	295178	55.607	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	310252	54.097	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	180334	56.054	ug/l	94
56) Ethyl methacrylate	10.508	69	265912	57.724	ug/l	90
57) 1,3-Dichloropropane	10.788	76	295988	55.609	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	526445	241.692	ug/l	91
59) 2-Hexanone	10.831	43	754172	279.780	ug/l	92
60) Dibromochloromethane	10.983	129	223414	58.323	ug/l	100
61) 1,2-Dibromoethane	11.087	107	177237	57.717	ug/l	99
64) Tetrachloroethene	10.715	164	248563	66.094	ug/l	98
65) Chlorobenzene	11.514	112	516880	54.484	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	210272	56.565	ug/l	99
67) Ethyl Benzene	11.587	91	897800	53.925	ug/l	99
68) m/p-Xylenes	11.697	106	679488	106.686	ug/l	96
69) o-Xylene	12.026	106	343223	55.073	ug/l	97
70) Styrene	12.038	104	586765	55.092	ug/l	98
71) Bromoform	12.203	173	156236	60.975	ug/l #	98
73) Isopropylbenzene	12.325	105	884529	51.775	ug/l	99
74) N-amyl acetate	12.142	43	315778	54.100	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	224824	53.850	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	298560	98.041	ug/l #	100
77) Bromobenzene	12.605	156	228692	55.187	ug/l	99
78) n-propylbenzene	12.672	91	1032561	50.533	ug/l	98
79) 2-Chlorotoluene	12.751	91	613437	52.676	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	741920	52.699	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	74265	53.725	ug/l	97
82) 4-Chlorotoluene	12.855	91	627900	52.157	ug/l	99
83) tert-Butylbenzene	13.075	119	664717	51.613	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	753300	53.406	ug/l	98
85) sec-Butylbenzene	13.251	105	957044	50.632	ug/l	99
86) p-Isopropyltoluene	13.367	119	803968	51.384	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	433692	53.467	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	432455	53.461	ug/l	99
89) n-Butylbenzene	13.696	91	740939	50.401	ug/l	96
90) Hexachloroethane	13.959	117	164163	54.029	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	407948	54.494	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	45840	56.234	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	261691	54.629	ug/l	98
94) Hexachlorobutadiene	15.111	225	138208	53.205	ug/l	98
95) Naphthalene	15.233	128	936052	83.046	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	242472	55.920	ug/l	99

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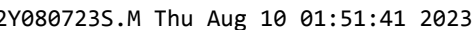
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

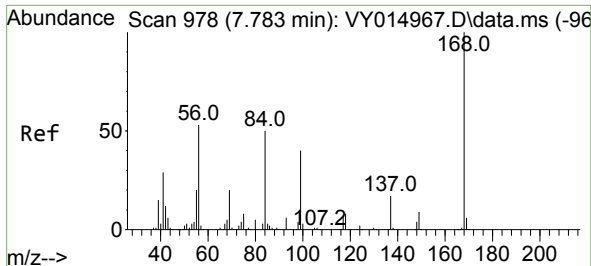
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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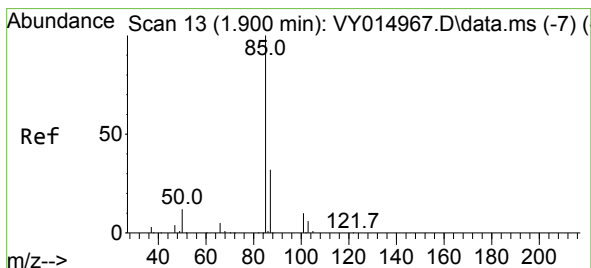
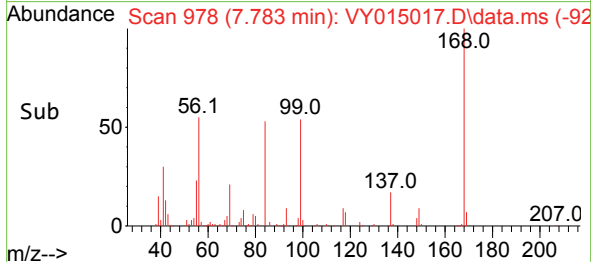
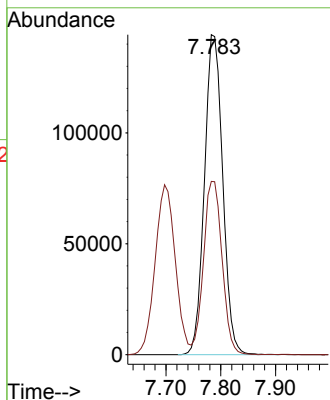
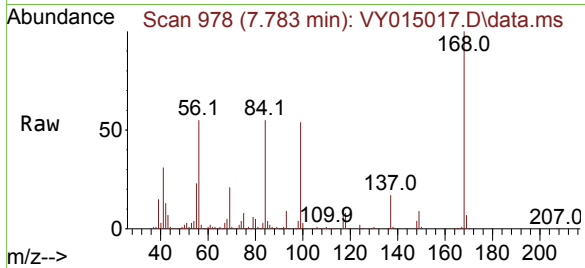




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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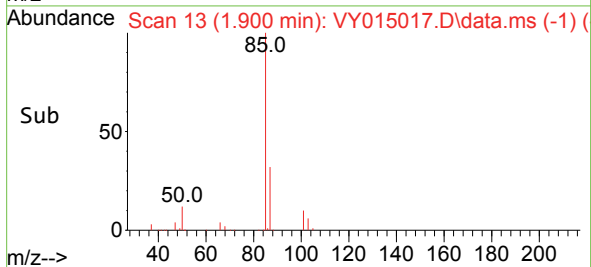
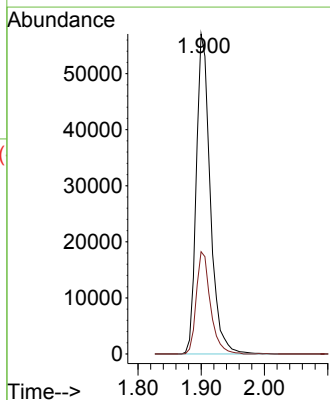
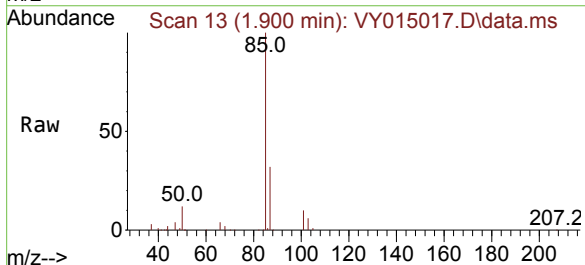
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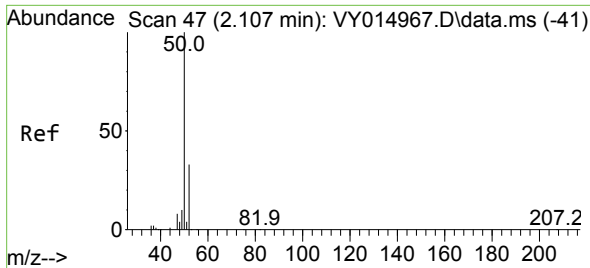
Tgt Ion:168 Resp: 333576
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 47.283 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

Tgt Ion: 85 Resp: 87706
Ion Ratio Lower Upper
85 100
87 32.0 15.6 46.8

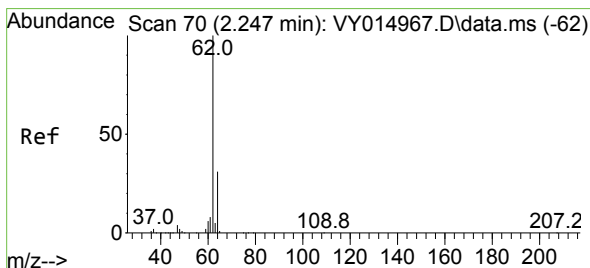
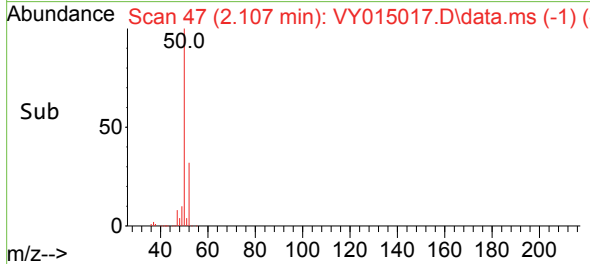
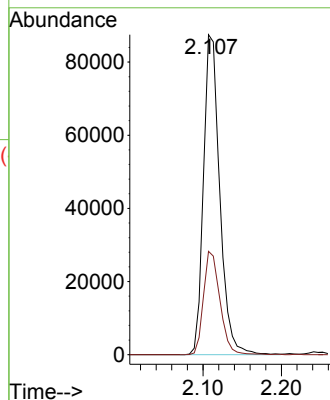
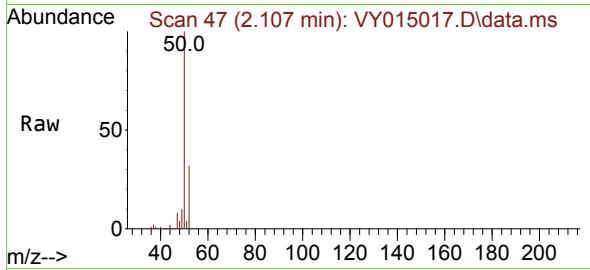




#3
Chloromethane
Concen: 48.107 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY015017.D
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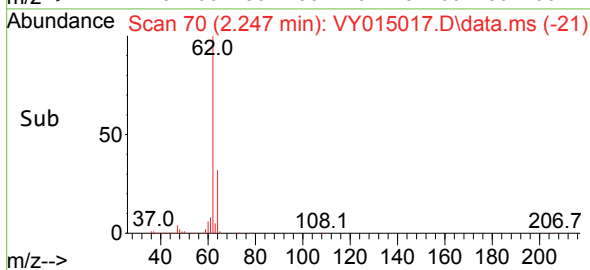
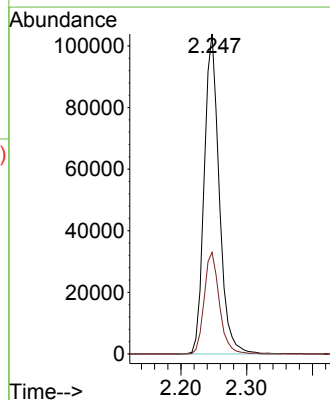
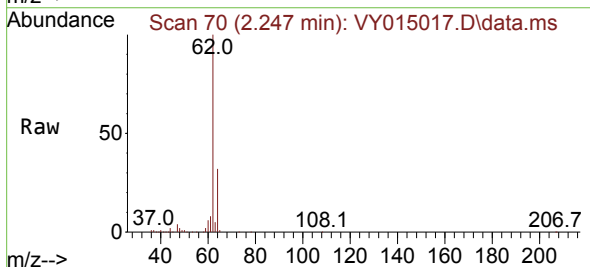
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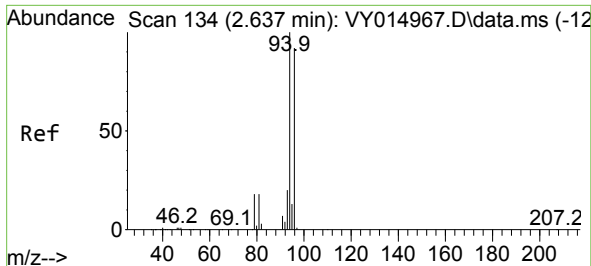
Tgt Ion: 50 Resp: 126292
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.2



#4
Vinyl Chloride
Concen: 50.950 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

Tgt Ion: 62 Resp: 164816
Ion Ratio Lower Upper
62 100
64 31.8 24.3 36.5

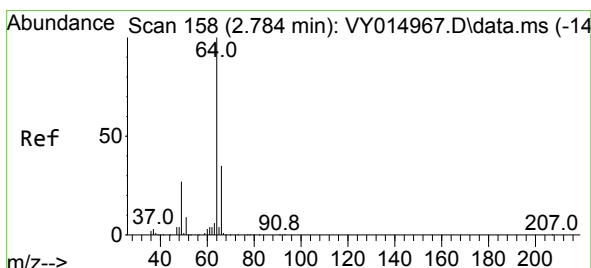
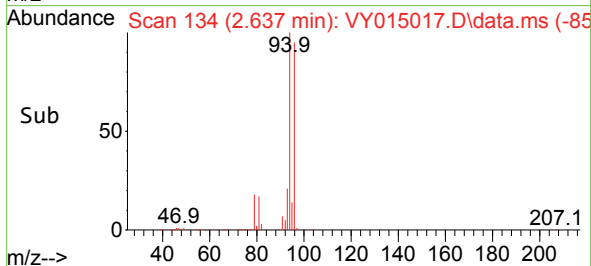
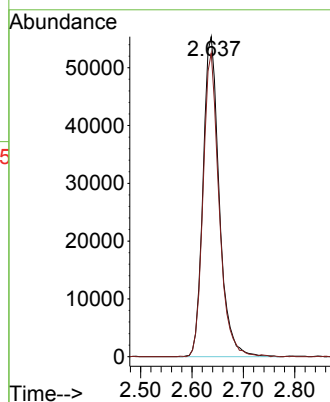
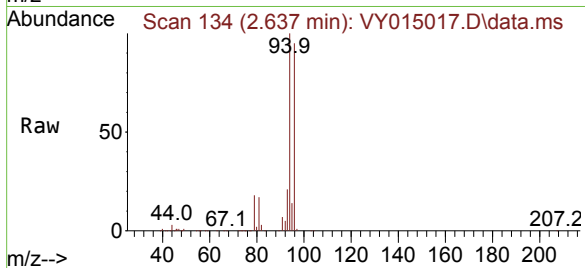




#5
Bromomethane
Concen: 59.326 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015017.D
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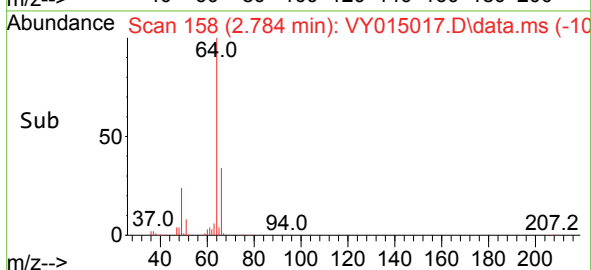
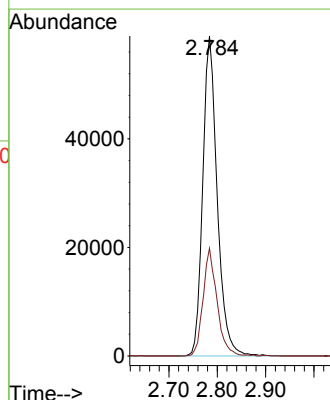
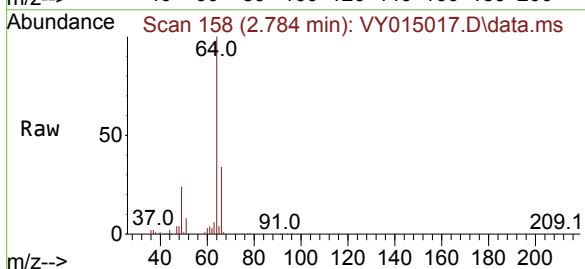
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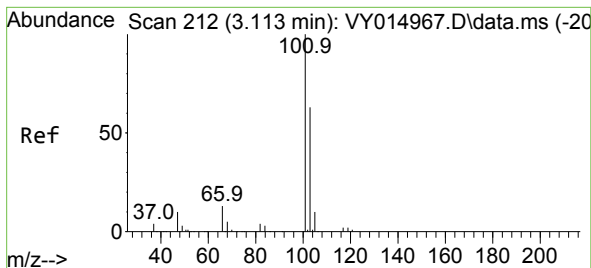
Tgt Ion: 94 Resp: 121222
Ion Ratio Lower Upper
94 100
96 94.9 75.8 113.6



#6
Chloroethane
Concen: 54.761 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

Tgt Ion: 64 Resp: 122308
Ion Ratio Lower Upper
64 100
66 33.6 24.4 36.6





#7

Trichlorofluoromethane

Concen: 51.800 ug/l

RT: 3.119 min Scan# 212

Delta R.T. 0.006 min

Lab File: VY015017.D

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Instrument :

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ClientSampleId :

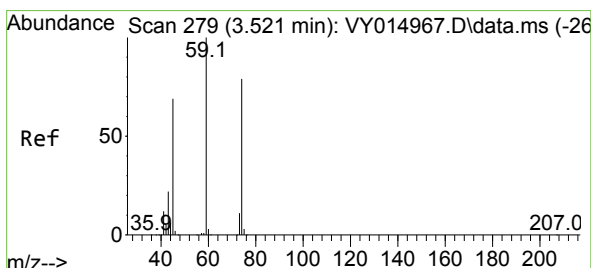
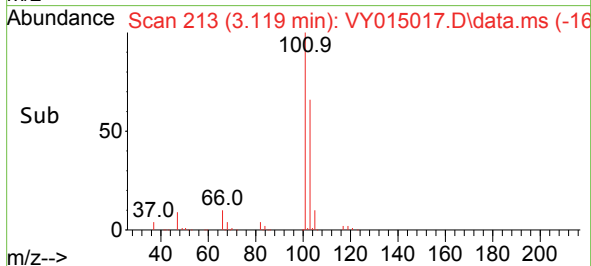
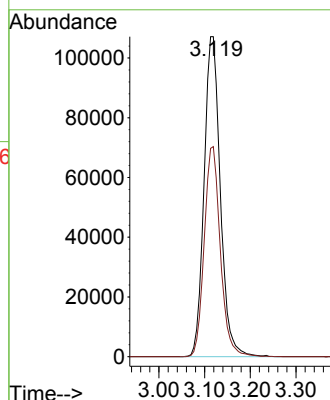
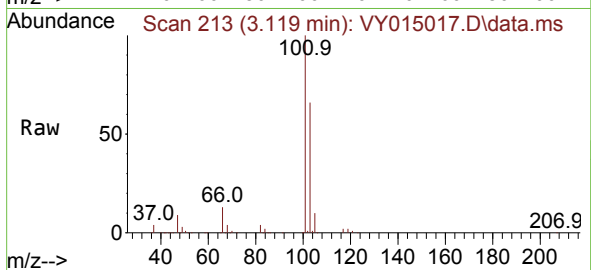
VSTDCCC050EC

Tgt Ion:101 Resp: 264793

Ion Ratio Lower Upper

101 100

103 65.7 51.4 77.0



#8

Diethyl Ether

Concen: 56.109 ug/l

RT: 3.521 min Scan# 279

Delta R.T. 0.000 min

Lab File: VY015017.D

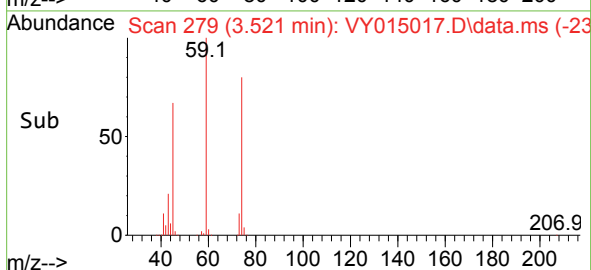
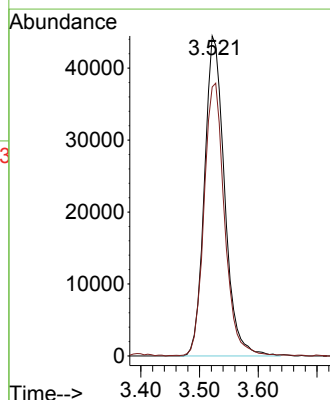
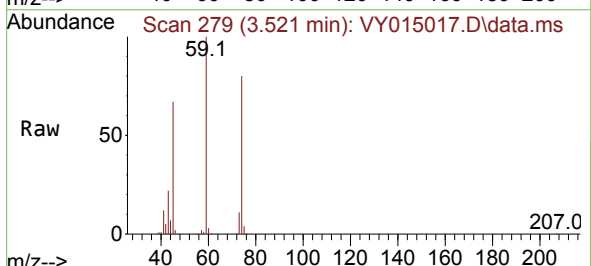
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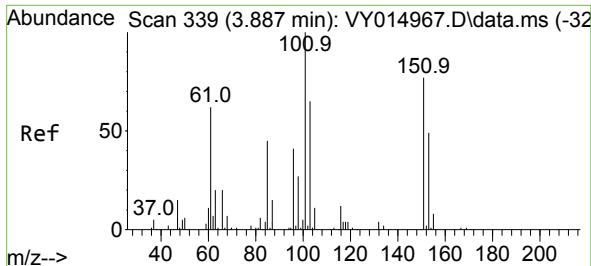
Tgt Ion: 74 Resp: 105838

Ion Ratio Lower Upper

74 100

45 87.3 51.5 154.5

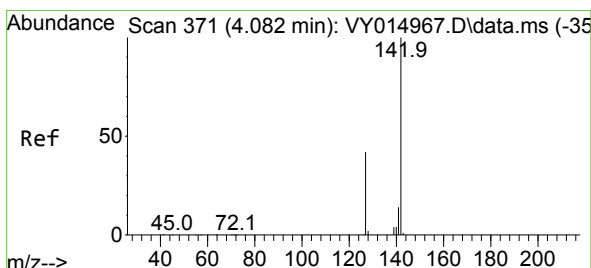
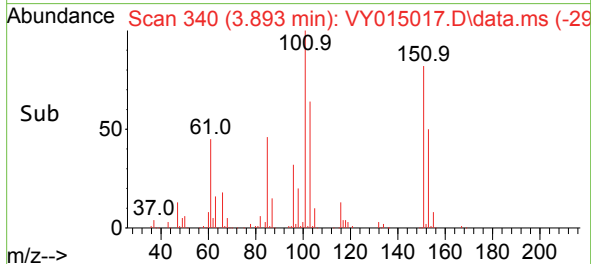
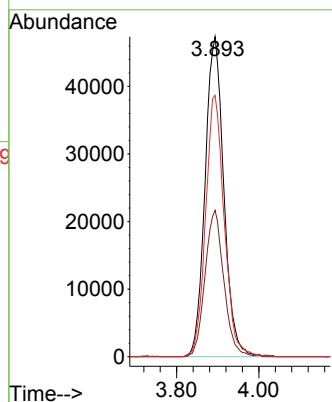
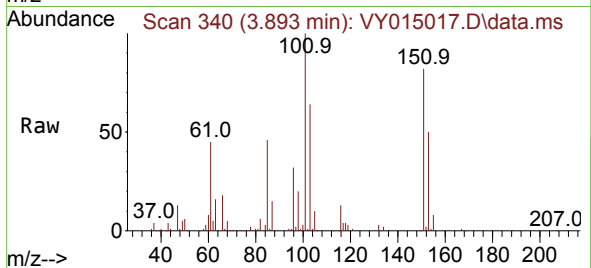




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.499 ug/l
RT: 3.893 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

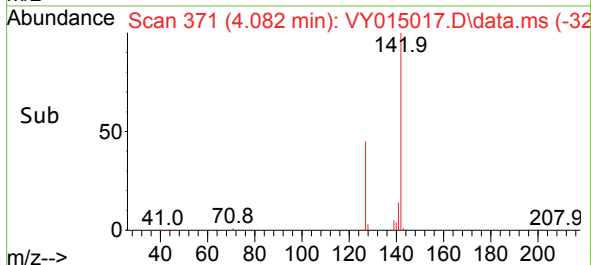
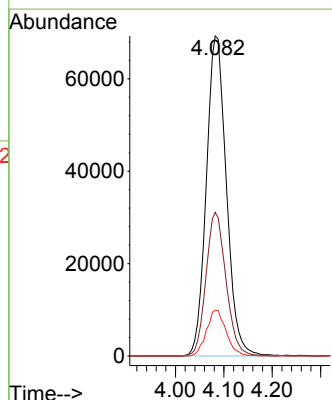
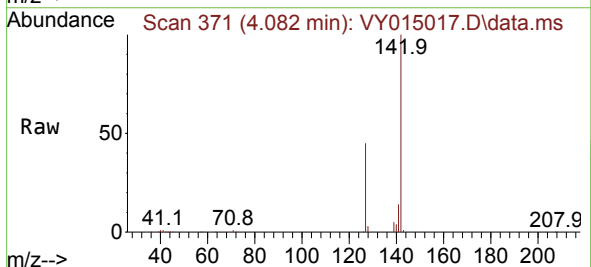
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

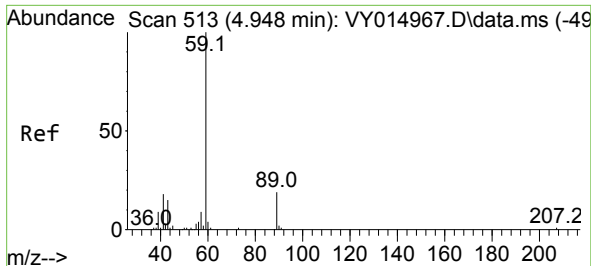
Tgt Ion:101 Resp: 149788
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 81.4 67.0 100.6



#10
Methyl Iodide
Concen: 63.835 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

Tgt Ion:142 Resp: 199716
Ion Ratio Lower Upper
142 100
127 44.8 37.6 56.4
141 14.0 11.8 17.8

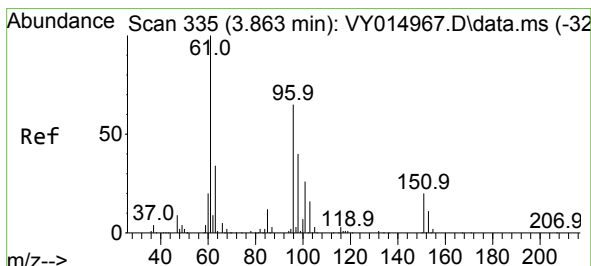
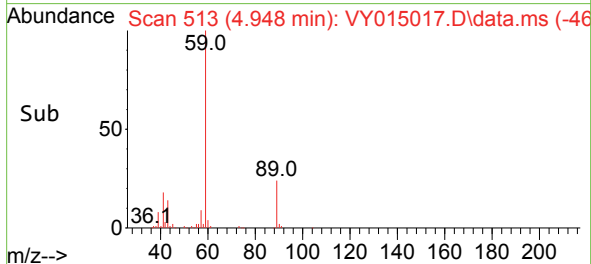
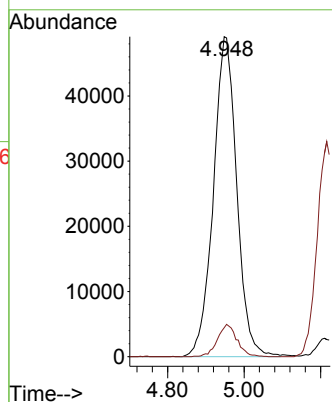
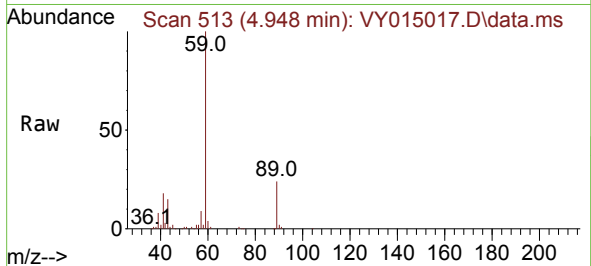




#11
Tert butyl alcohol
Concen: 213.351 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

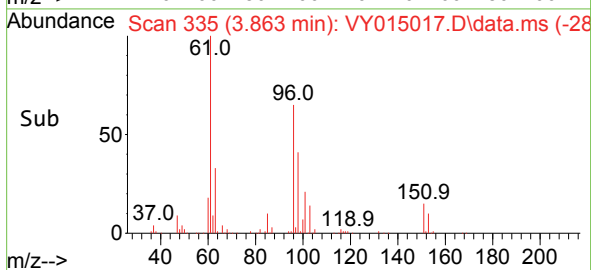
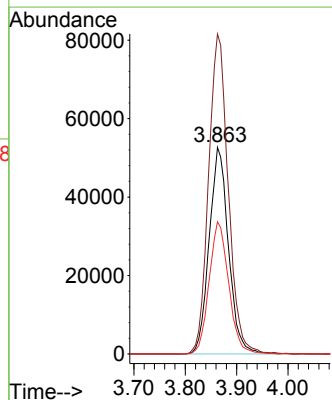
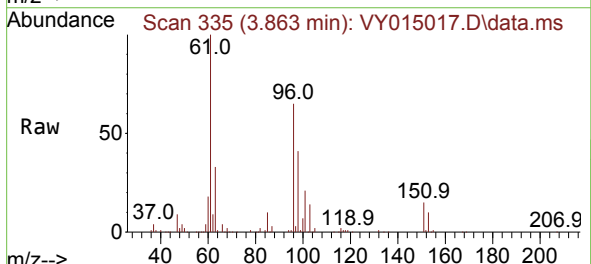
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

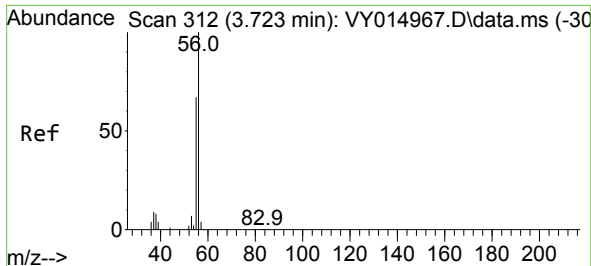
Tgt Ion: 59 Resp: 208178
Ion Ratio Lower Upper
59 100
57 8.5 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 52.108 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

Tgt Ion: 96 Resp: 137390
Ion Ratio Lower Upper
96 100
61 154.8 136.4 204.6
98 63.9 49.4 74.2

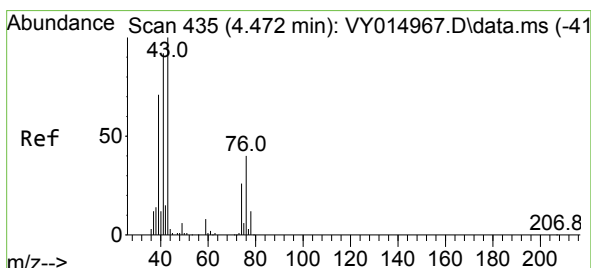
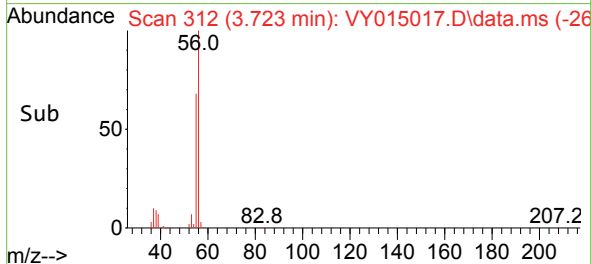
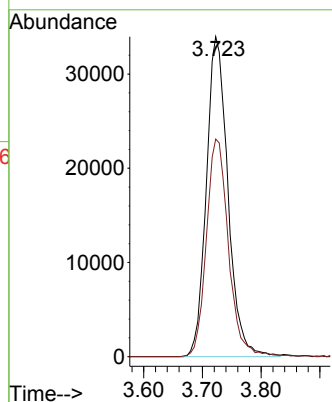
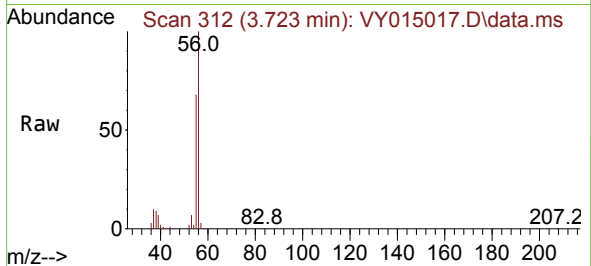




#13
Acrolein
Concen: 260.972 ug/l
RT: 3.723 min Scan# 312
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

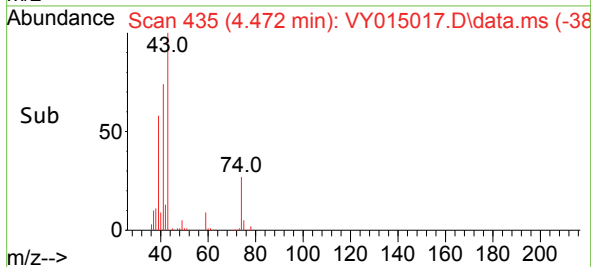
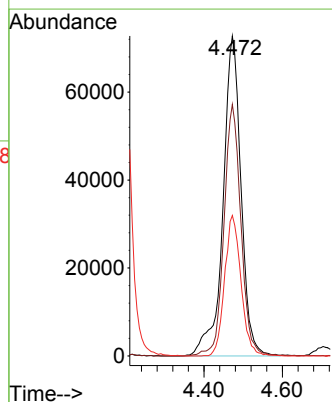
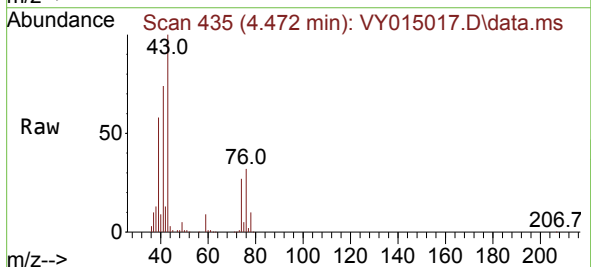
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

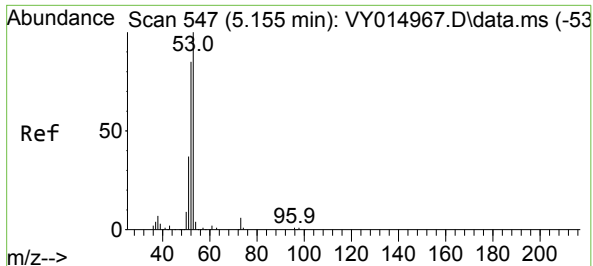
Tgt Ion: 56 Resp: 86627
Ion Ratio Lower Upper
56 100
55 69.8 57.0 85.4



#14
Allyl chloride
Concen: 53.157 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

Tgt Ion: 41 Resp: 233397
Ion Ratio Lower Upper
41 100
39 73.7 58.0 87.0
76 40.0 27.4 41.2

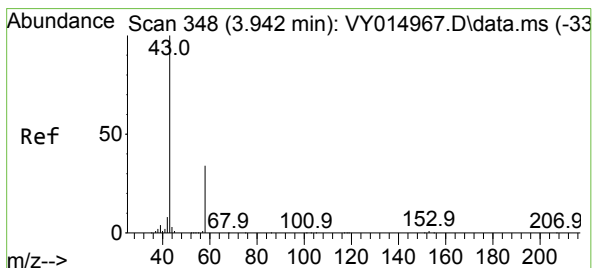
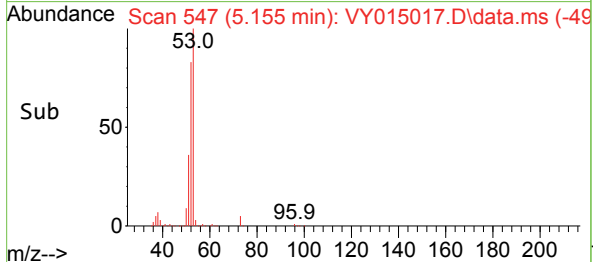
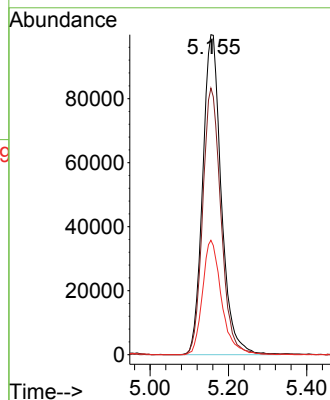
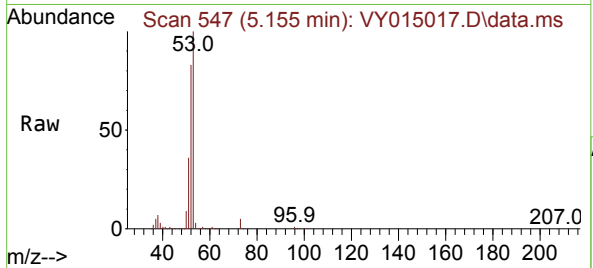




#15
Acrylonitrile
Concen: 286.448 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

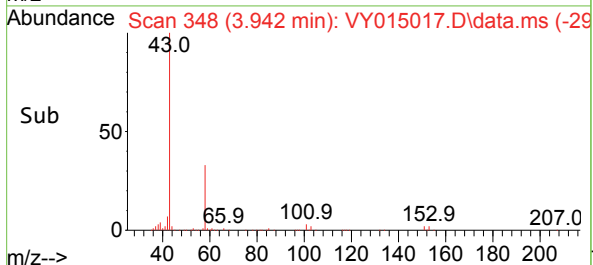
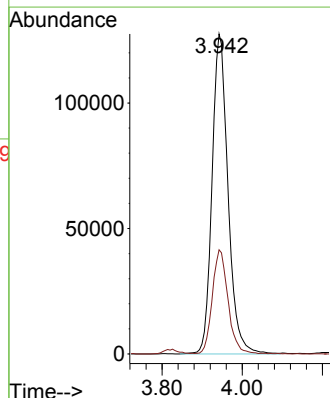
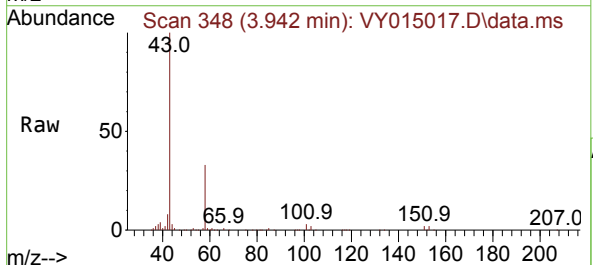
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

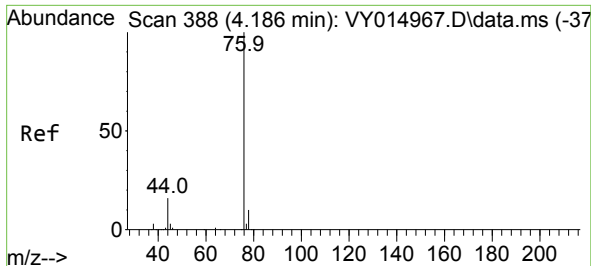
Tgt Ion: 53 Resp: 330102
Ion Ratio Lower Upper
53 100
52 81.8 66.9 100.3
51 36.6 29.8 44.6



#16
Acetone
Concen: 279.489 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

Tgt Ion: 43 Resp: 352364
Ion Ratio Lower Upper
43 100
58 32.5 22.7 34.1





#17

Carbon Disulfide

Concen: 49.287 ug/l

RT: 4.186 min Scan# 388

Delta R.T. 0.000 min

Lab File: VY015017.D

Acq: 09 Aug 2023 19:50

Instrument :

MSVOA_Y

ClientSampleId :

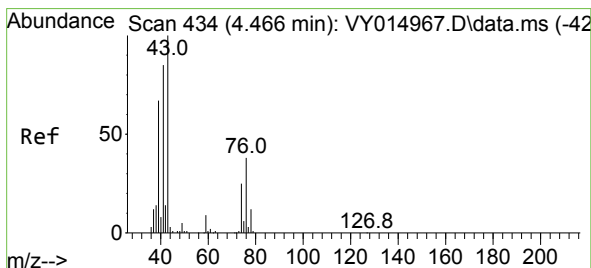
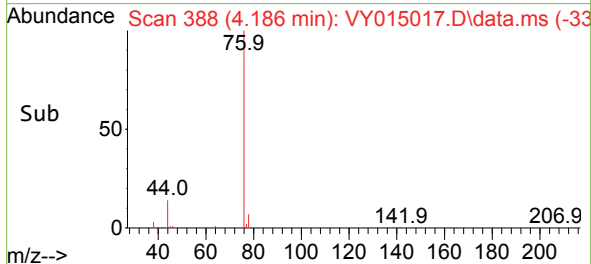
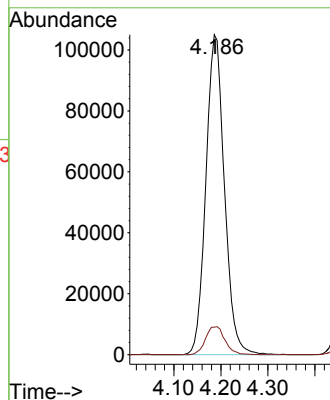
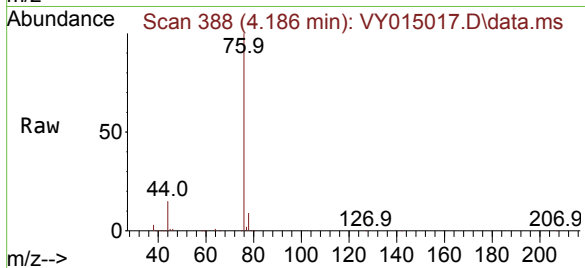
VSTDCCC050EC

Tgt Ion: 76 Resp: 287320

Ion Ratio Lower Upper

76 100

78 8.6 7.0 10.4



#18

Methyl Acetate

Concen: 63.619 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY015017.D

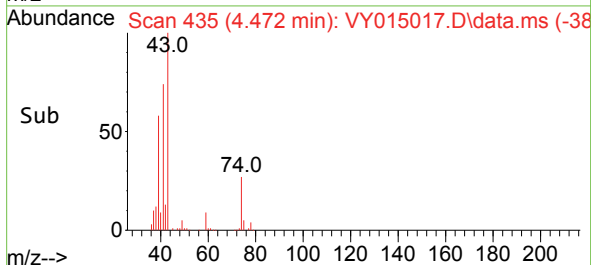
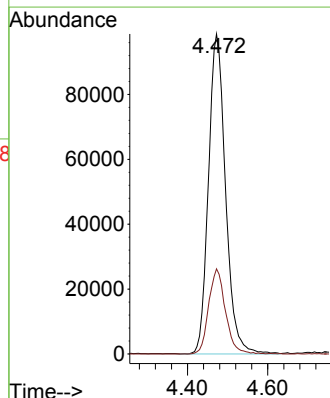
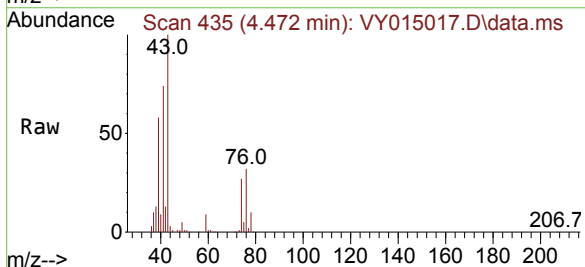
Acq: 09 Aug 2023 19:50

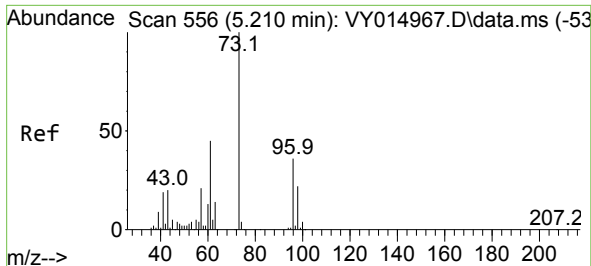
Tgt Ion: 43 Resp: 292092

Ion Ratio Lower Upper

43 100

74 26.1 17.4 26.0#

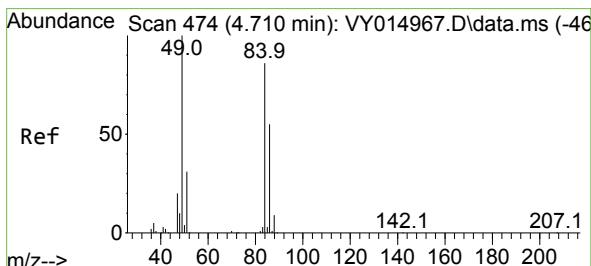
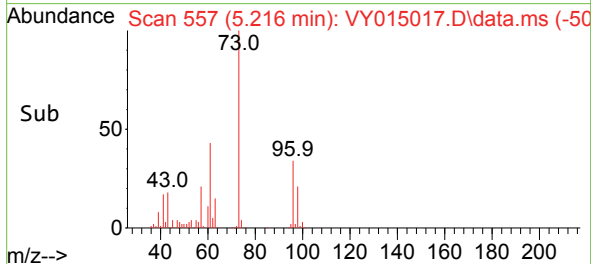
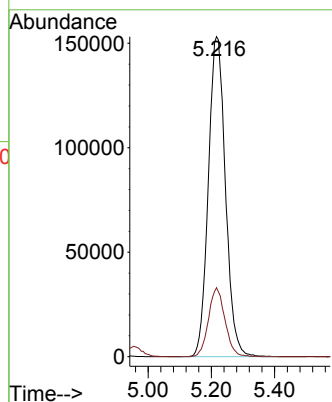
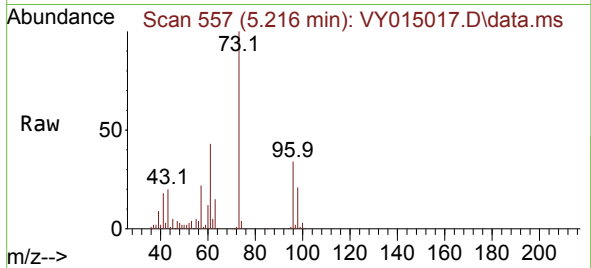




#19
Methyl tert-butyl Ether
Concen: 57.643 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

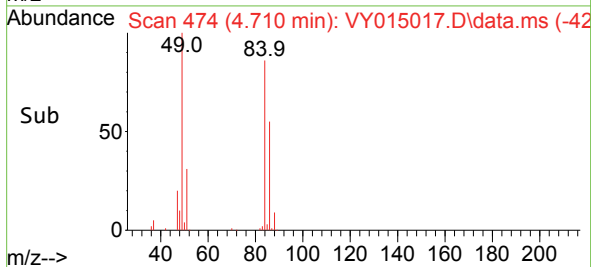
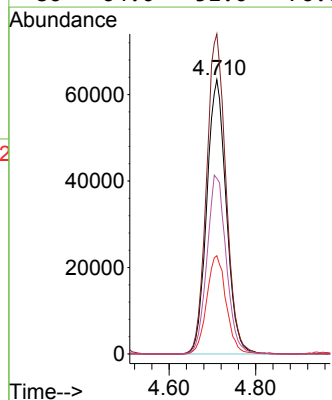
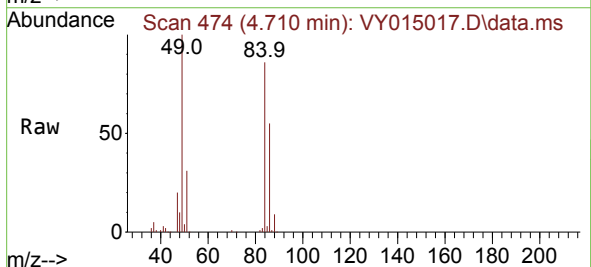
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

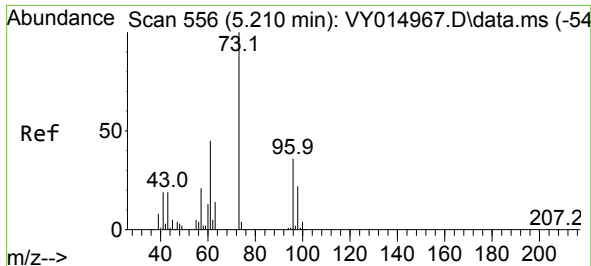
Tgt Ion: 73 Resp: 575014
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 38.001 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

Tgt Ion: 84 Resp: 198320
Ion Ratio Lower Upper
84 100
49 116.7 106.9 160.3
51 35.8 33.2 49.8
86 64.0 51.0 76.6

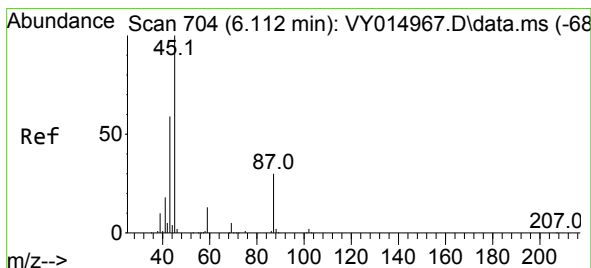
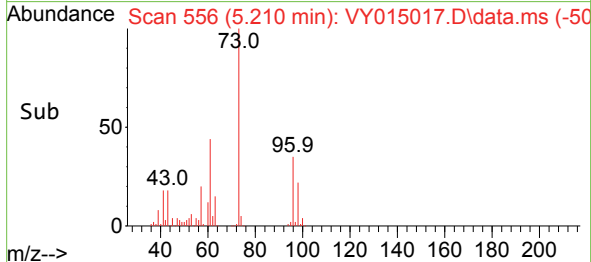
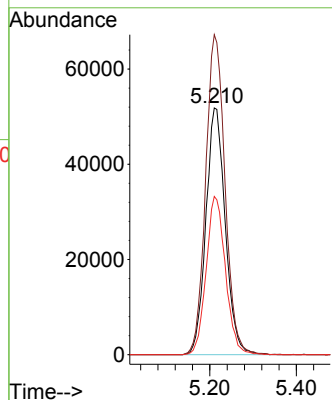
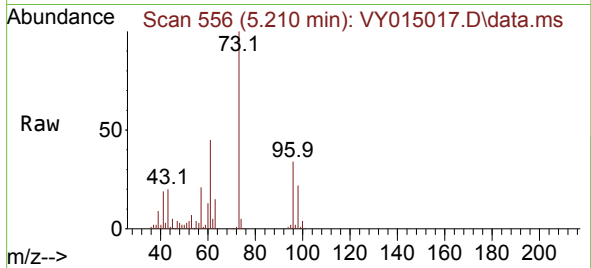




#21
trans-1,2-Dichloroethene
Concen: 53.655 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

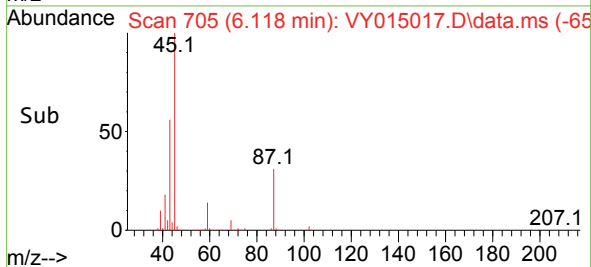
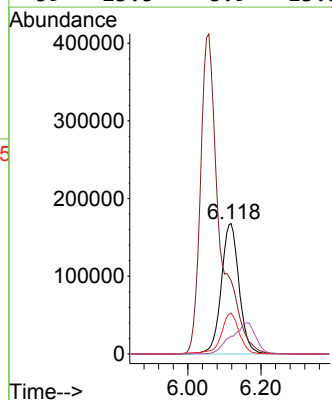
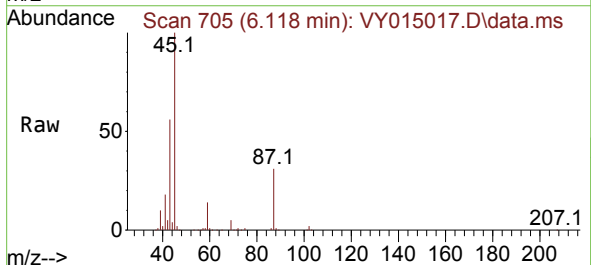
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

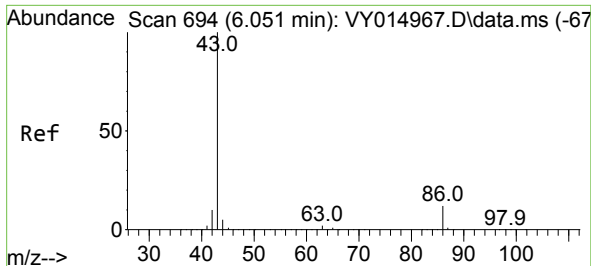
Tgt Ion: 96 Resp: 161256
Ion Ratio Lower Upper
96 100
61 129.7 110.2 165.4
98 64.2 51.8 77.6



#22
Diisopropyl ether
Concen: 55.643 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

Tgt Ion: 45 Resp: 569073
Ion Ratio Lower Upper
45 100
43 56.3 52.2 78.4
87 31.2 21.0 31.6
59 13.5 8.9 13.3#

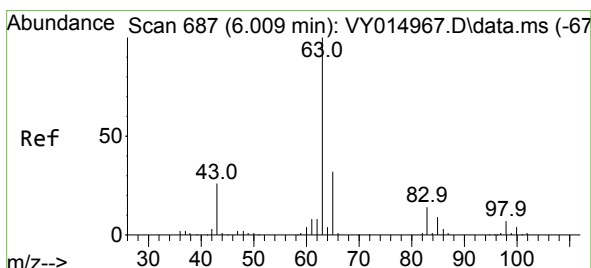
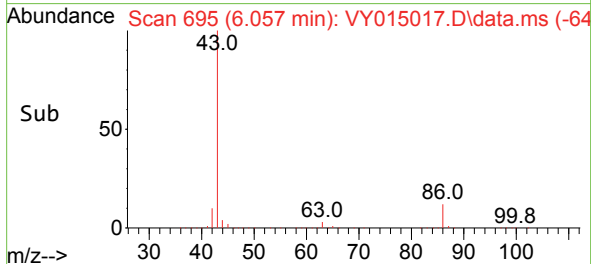
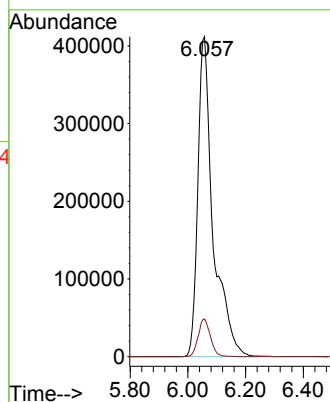
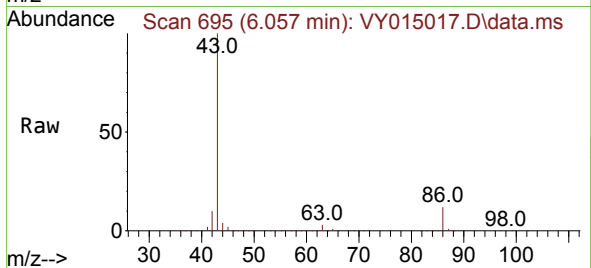




#23
 Vinyl Acetate
 Concen: 245.248 ug/l
 RT: 6.057 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY015017.D
 Acq: 09 Aug 2023 19:50

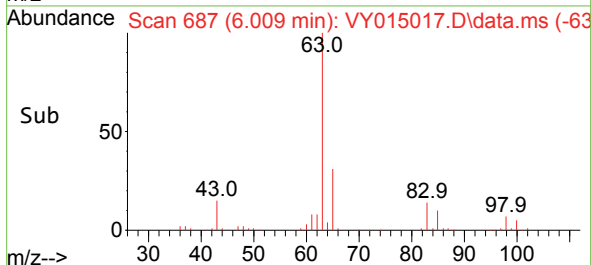
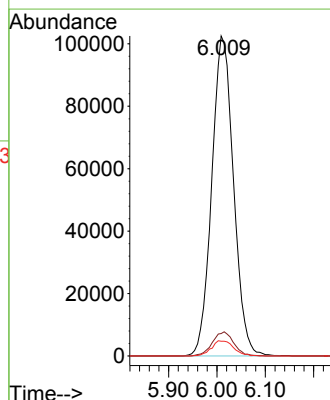
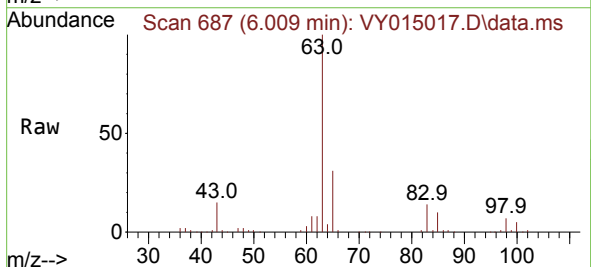
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

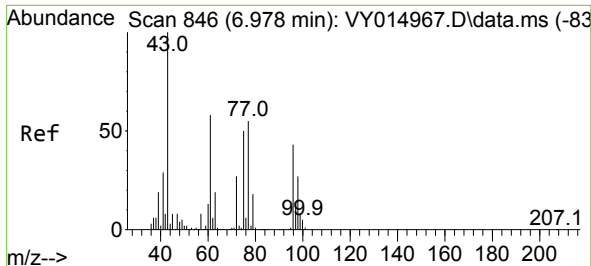
Tgt Ion: 43 Resp: 1507756
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 55.224 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY015017.D
 Acq: 09 Aug 2023 19:50

Tgt Ion: 63 Resp: 320354
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.4
 100 4.6 1.8 5.5

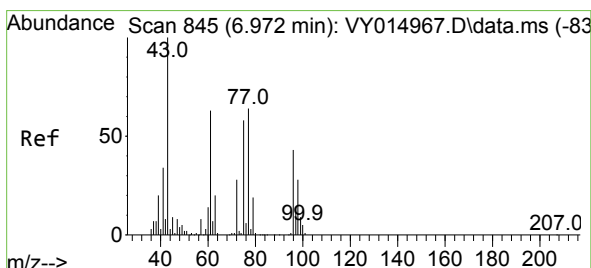
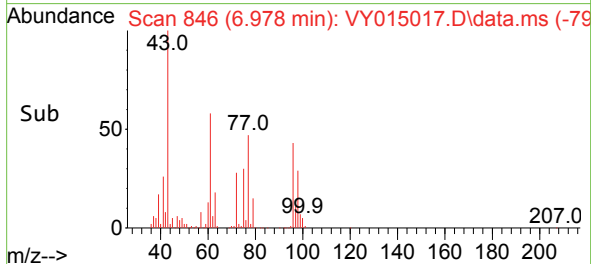
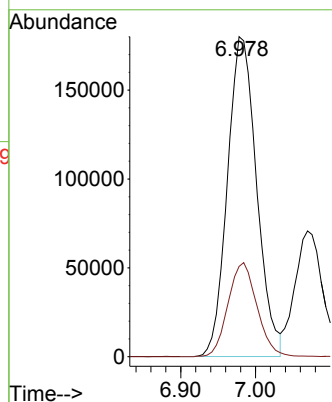
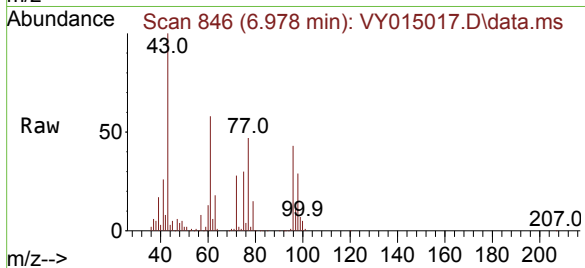




#25
2-Butanone
Concen: 270.846 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

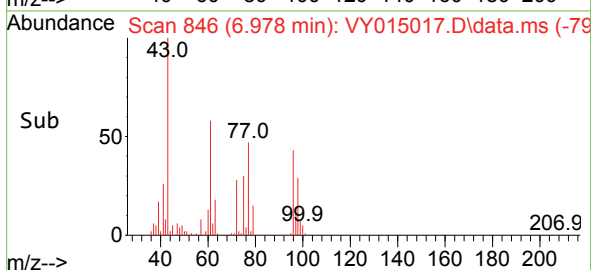
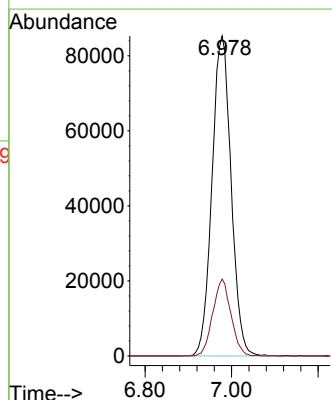
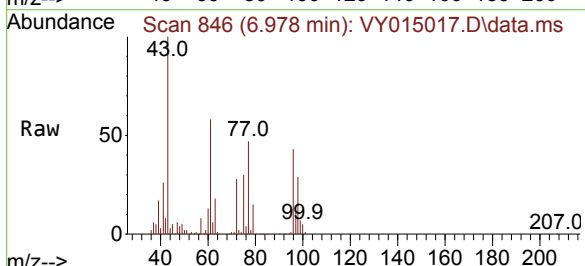
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

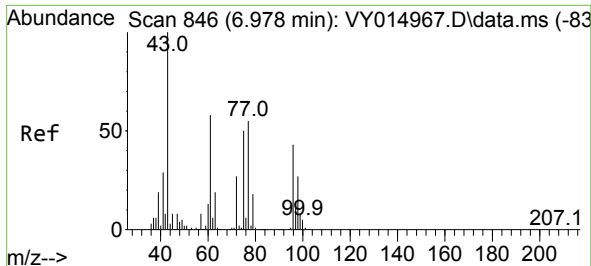
Tgt Ion: 43 Resp: 489084
Ion Ratio Lower Upper
43 100
72 28.2 20.5 30.7



#26
2,2-Dichloropropane
Concen: 44.514 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

Tgt Ion: 77 Resp: 261288
Ion Ratio Lower Upper
77 100
97 22.8 10.9 32.9

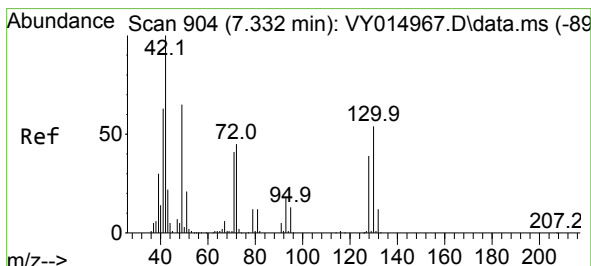
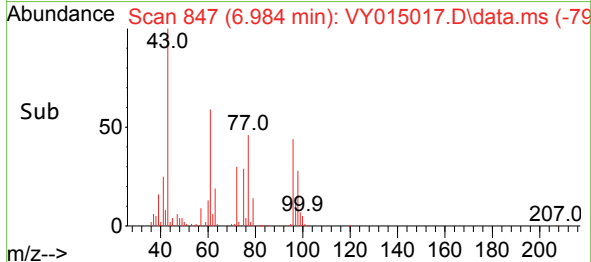
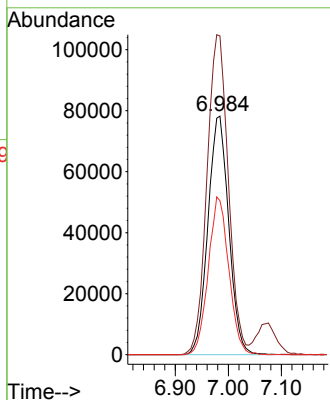
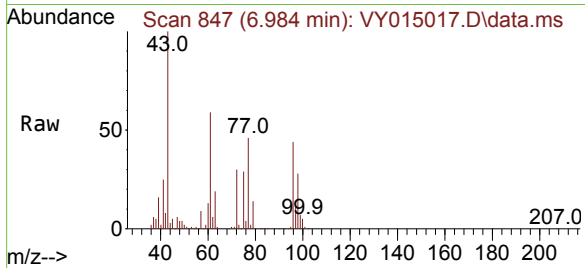




#27
 cis-1,2-Dichloroethene
 Concen: 56.135 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY015017.D
 Acq: 09 Aug 2023 19:50

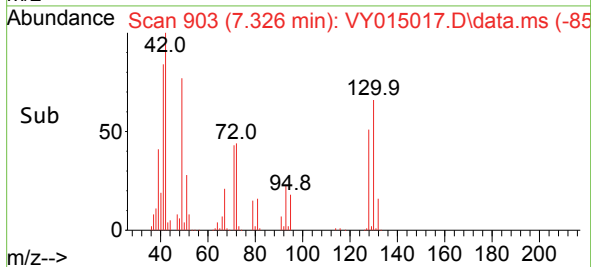
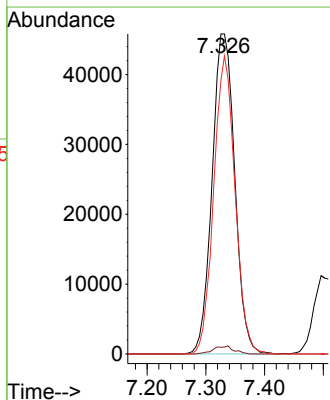
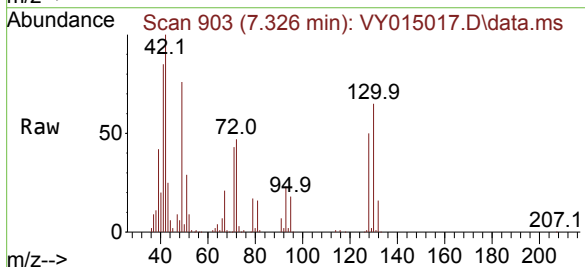
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

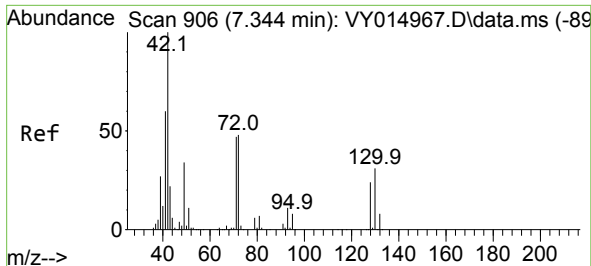
Tgt Ion: 96 Resp: 213500
 Ion Ratio Lower Upper
 96 100
 61 137.7 0.0 301.4
 98 65.1 0.0 130.4



#28
 Bromochloromethane
 Concen: 46.947 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY015017.D
 Acq: 09 Aug 2023 19:50

Tgt Ion: 49 Resp: 122768
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 87.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 280.297 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY015017.D

Acq: 09 Aug 2023 19:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

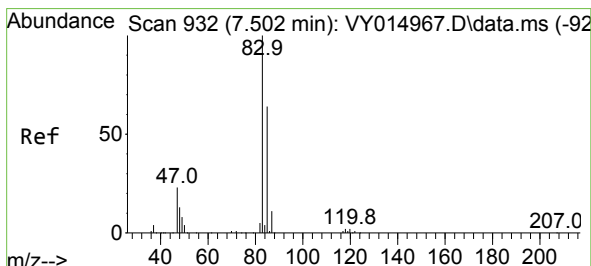
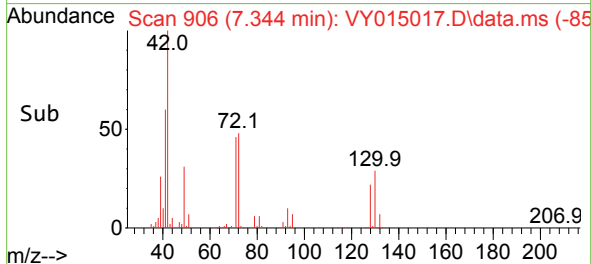
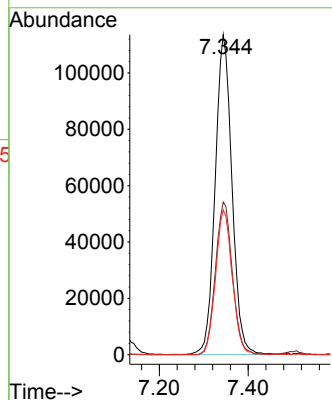
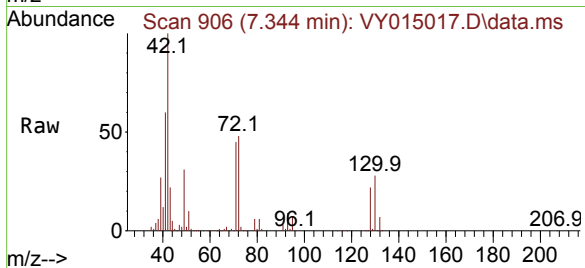
Tgt Ion: 42 Resp: 296817

Ion Ratio Lower Upper

42 100

72 48.3 32.8 49.2

71 45.0 31.0 46.4



#30

Chloroform

Concen: 56.805 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY015017.D

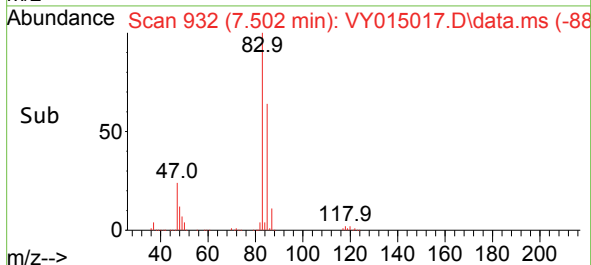
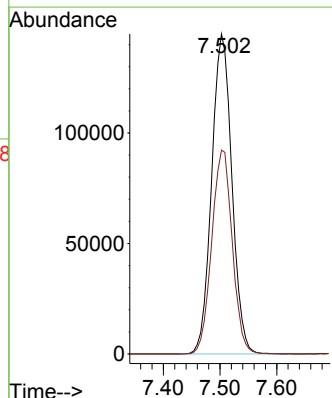
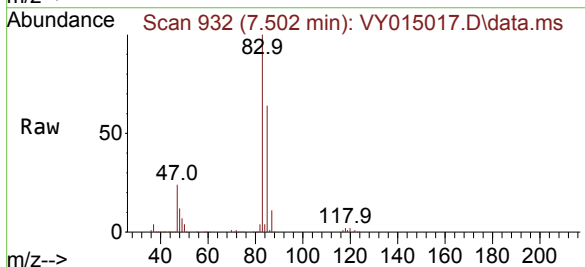
Acq: 09 Aug 2023 19:50

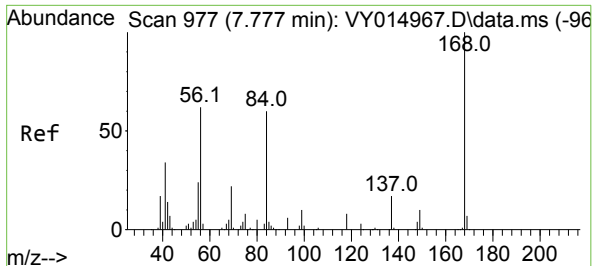
Tgt Ion: 83 Resp: 357958

Ion Ratio Lower Upper

83 100

85 63.7 49.7 74.5

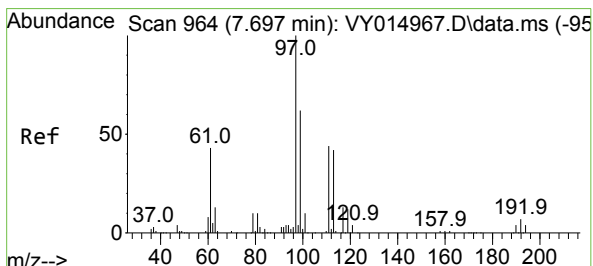
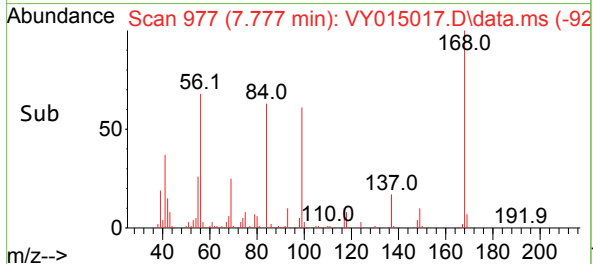
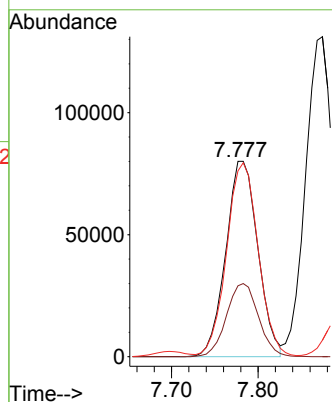
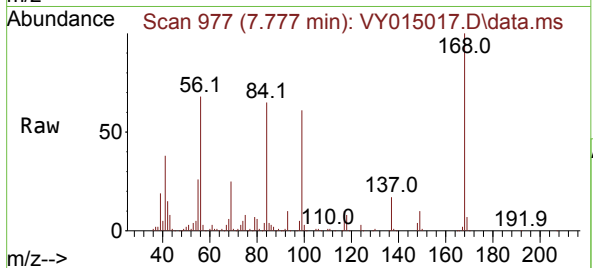




#31
Cyclohexane
Concen: 49.283 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

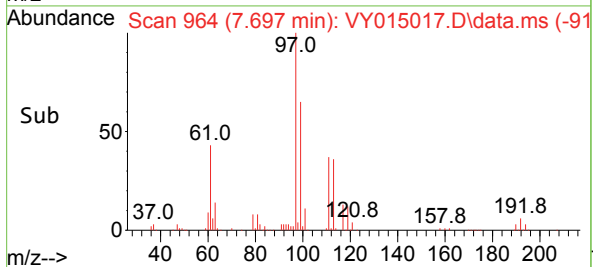
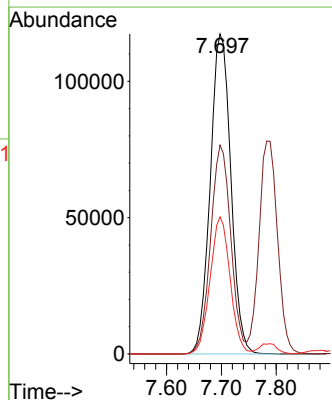
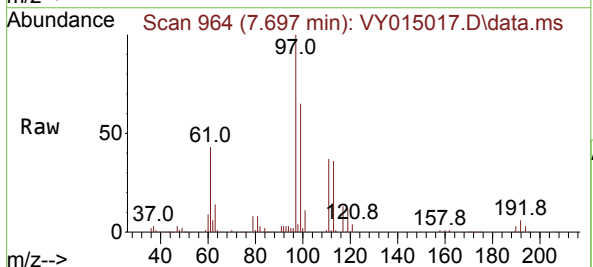
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

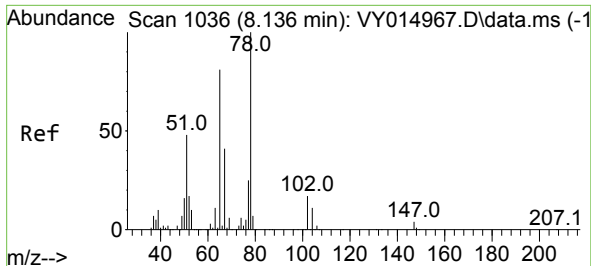
Tgt Ion: 56 Resp: 206331
Ion Ratio Lower Upper
56 100
69 36.3 27.8 41.6
84 93.0 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 55.112 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

Tgt Ion: 97 Resp: 306062
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 41.7 35.1 52.7

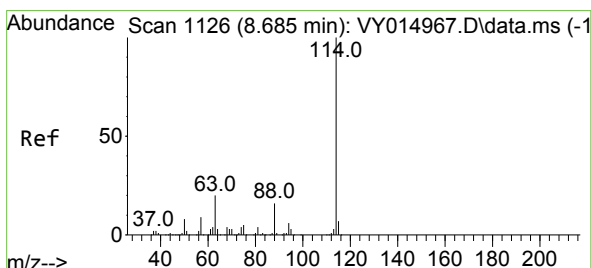
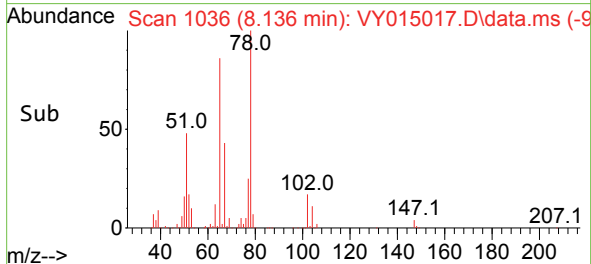
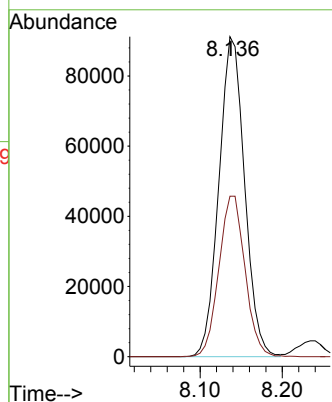
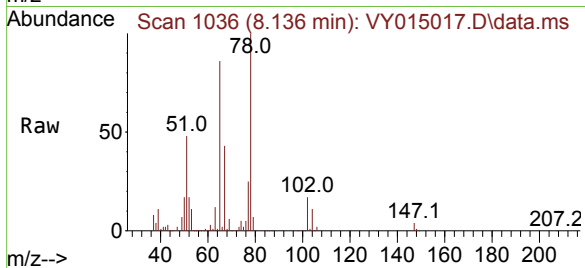




#33
 1,2-Dichloroethane-d4
 Concen: 48.963 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015017.D
 Acq: 09 Aug 2023 19:50

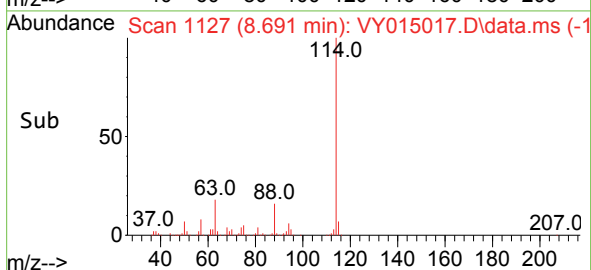
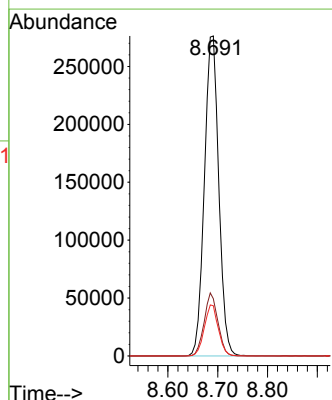
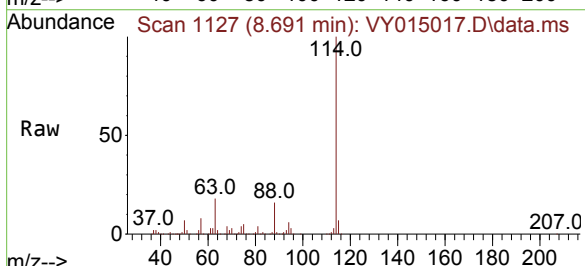
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

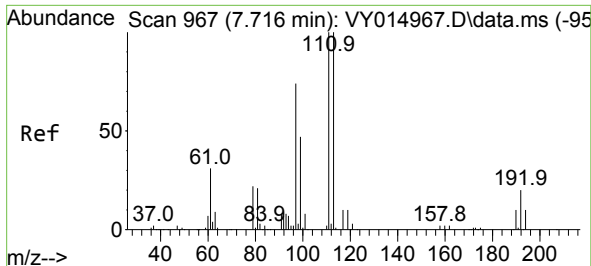
Tgt Ion: 65 Resp: 197960
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY015017.D
 Acq: 09 Aug 2023 19:50

Tgt Ion: 114 Resp: 553041
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 42.4
 88 15.7 0.0 30.6

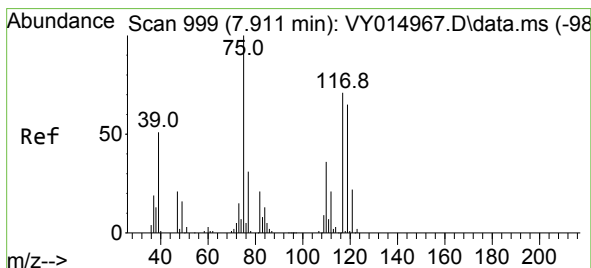
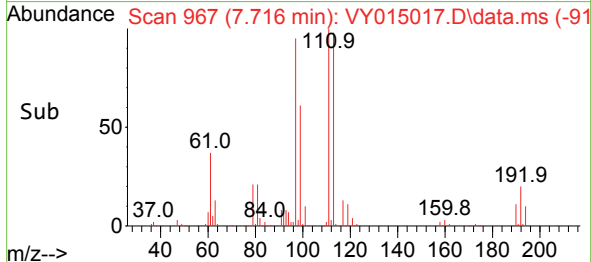
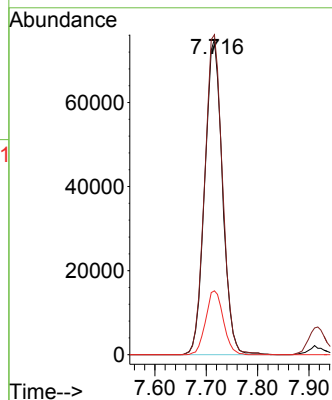
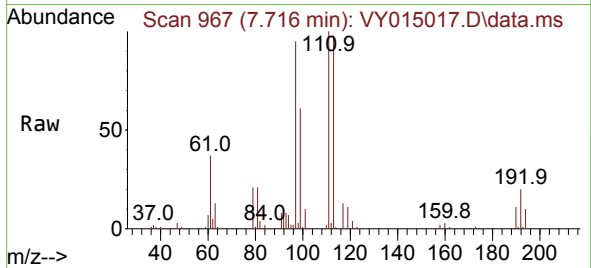




#35
Dibromofluoromethane
Concen: 50.612 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

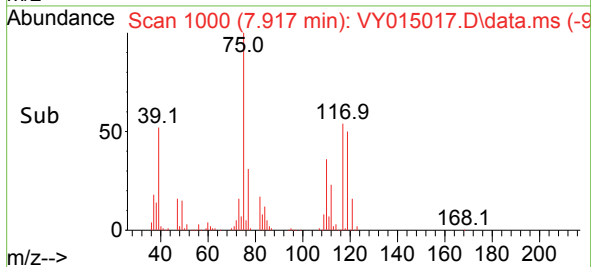
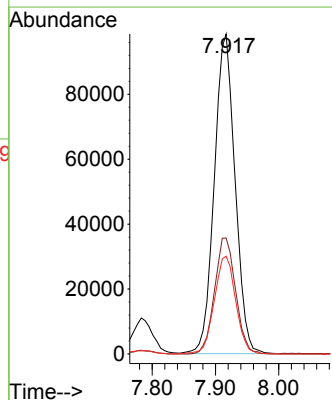
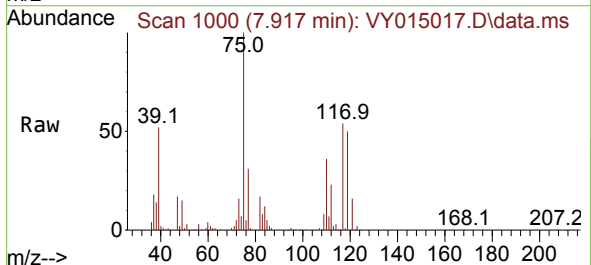
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

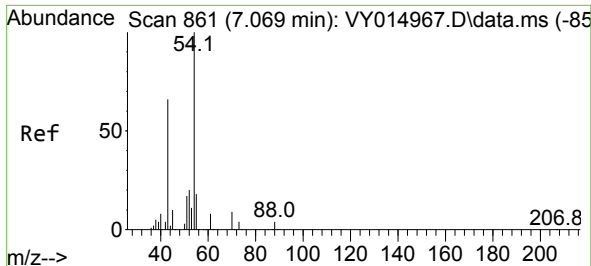
Tgt Ion:113 Resp: 178992
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 20.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 50.948 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

Tgt Ion: 75 Resp: 223698
Ion Ratio Lower Upper
75 100
110 36.9 17.8 53.5
77 31.6 24.4 36.6





#37

Ethyl Acetate

Concen: 54.475 ug/l

RT: 7.069 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY015017.D

Acq: 09 Aug 2023 19:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

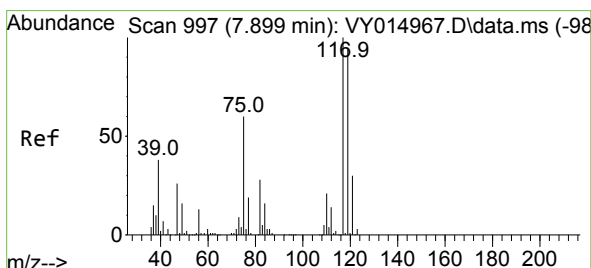
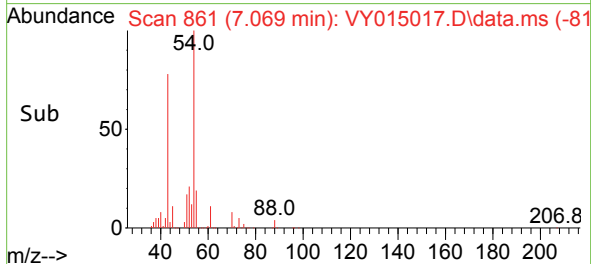
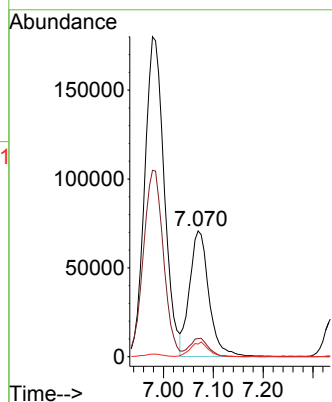
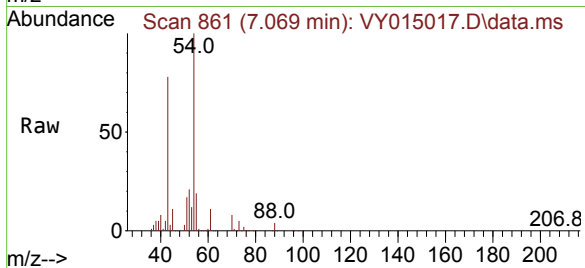
Tgt Ion: 43 Resp: 189856

Ion Ratio Lower Upper

43 100

61 14.1 10.1 15.1

70 11.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 53.106 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY015017.D

Acq: 09 Aug 2023 19:50

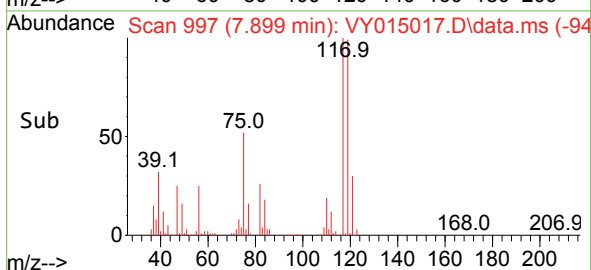
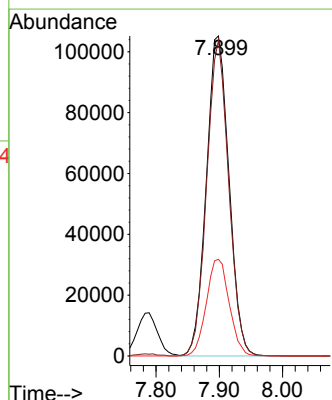
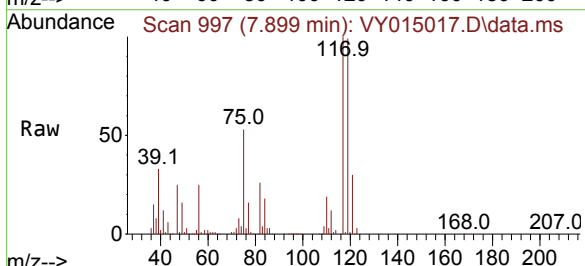
Tgt Ion: 117 Resp: 262135

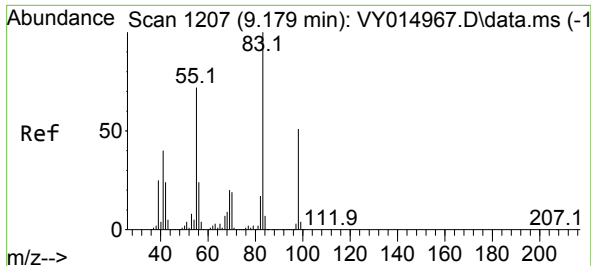
Ion Ratio Lower Upper

117 100

119 98.6 76.4 114.6

121 30.2 25.8 38.6

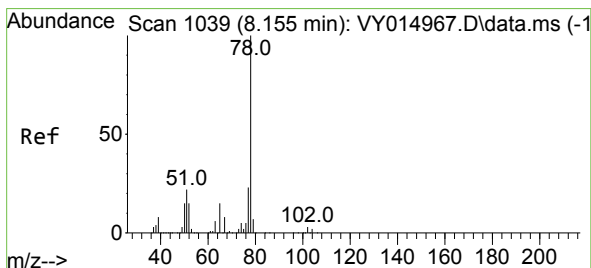
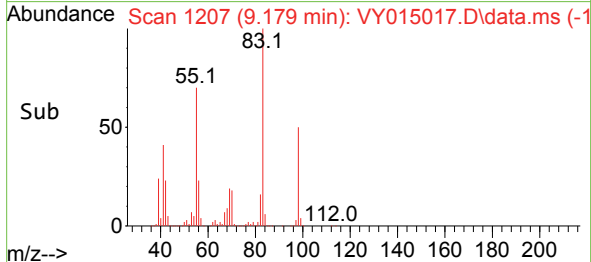
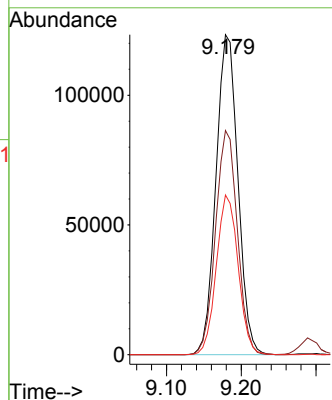
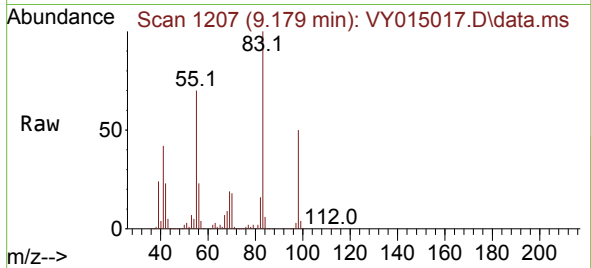




#39
Methylcyclohexane
Concen: 48.216 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

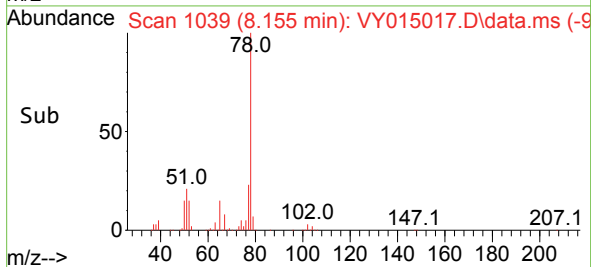
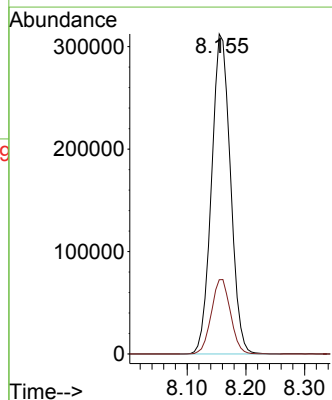
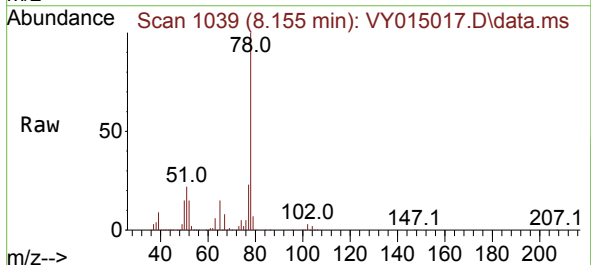
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

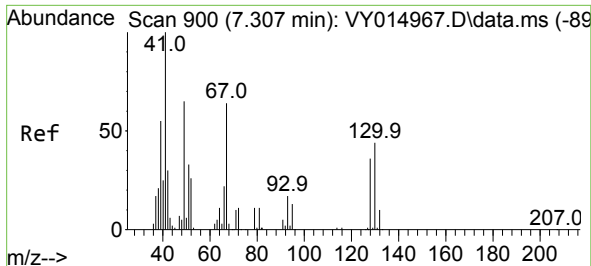
Tgt Ion: 83 Resp: 251761
Ion Ratio Lower Upper
83 100
55 70.1 63.0 94.4
98 49.9 37.4 56.2



#40
Benzene
Concen: 53.925 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

Tgt Ion: 78 Resp: 697200
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6

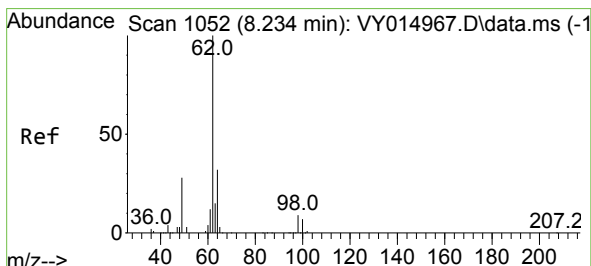
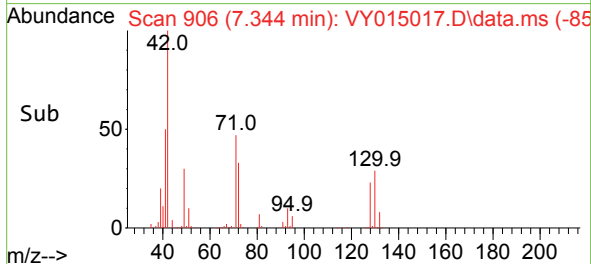
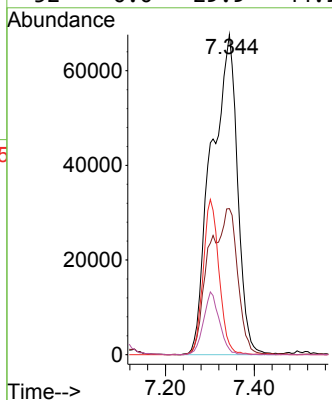
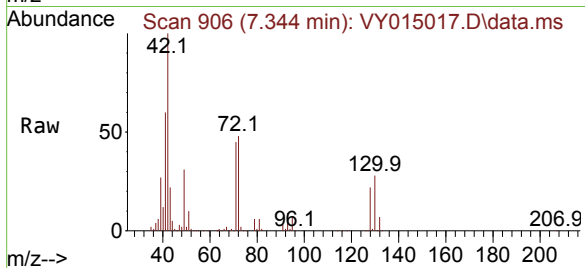




#41
Methacrylonitrile
Concen: 162.665 ug/l
RT: 7.344 min Scan# 900
Delta R.T. 0.037 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

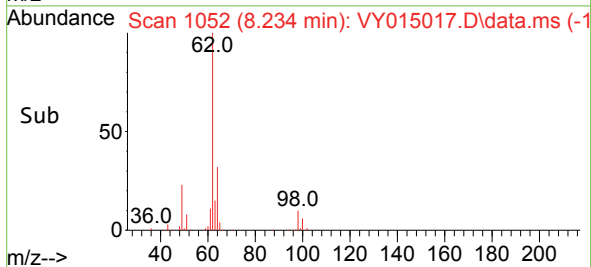
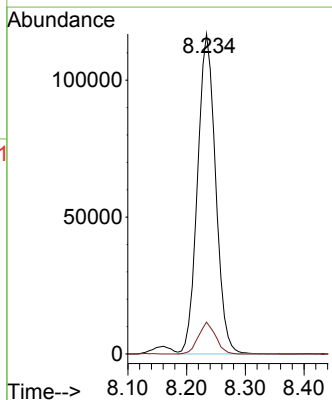
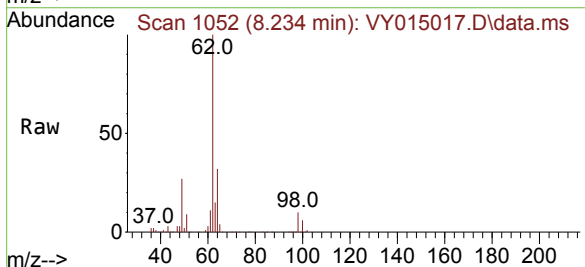
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

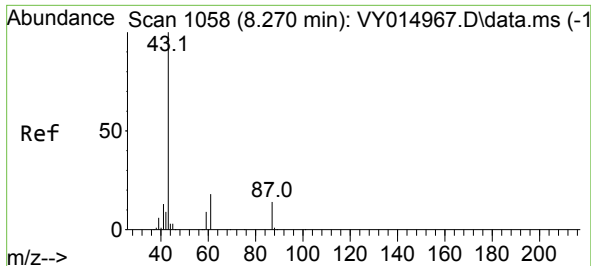
Tgt Ion:	41	Resp:	275507
Ion	Ratio	Lower	Upper
41	100		
39	24.9	52.1	78.1#
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 55.494 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

Tgt Ion:	62	Resp:	249746
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	15.8

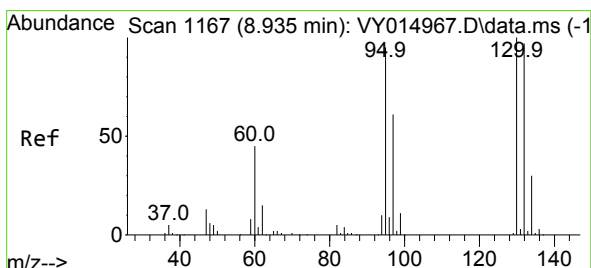
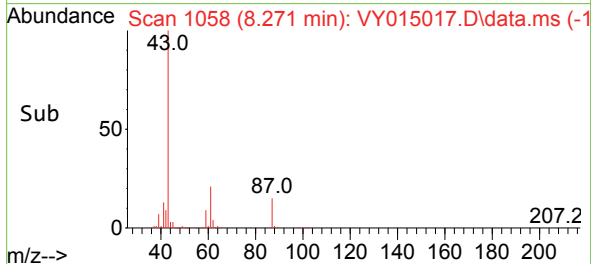
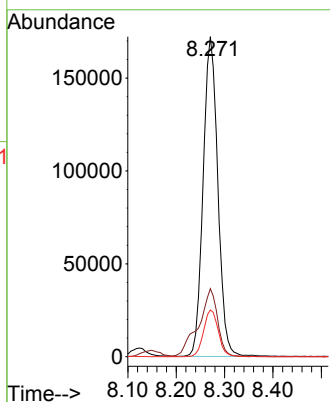
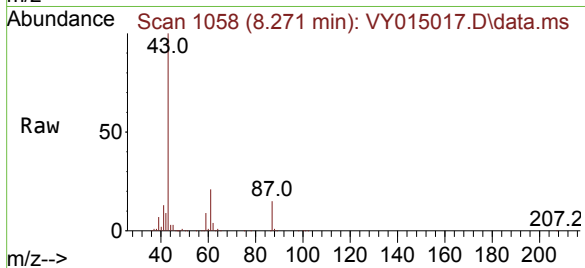




#43
Isopropyl Acetate
Concen: 56.016 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

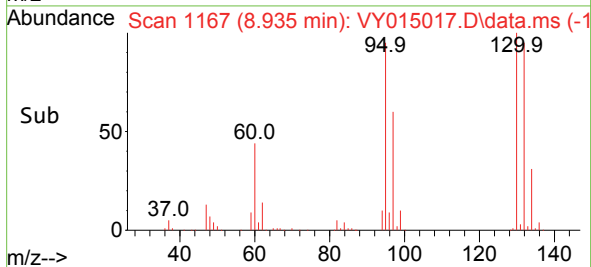
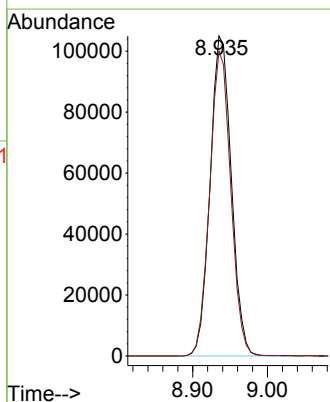
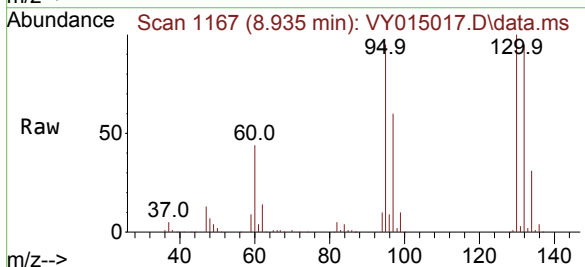
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

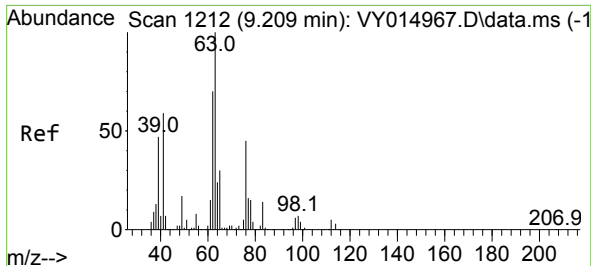
Tgt Ion: 43 Resp: 362717
Ion Ratio Lower Upper
43 100
61 27.7 21.1 31.7
87 14.7 9.8 14.8



#44
Trichloroethene
Concen: 55.862 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

Tgt Ion:130 Resp: 207239
Ion Ratio Lower Upper
130 100
95 95.2 0.0 196.0

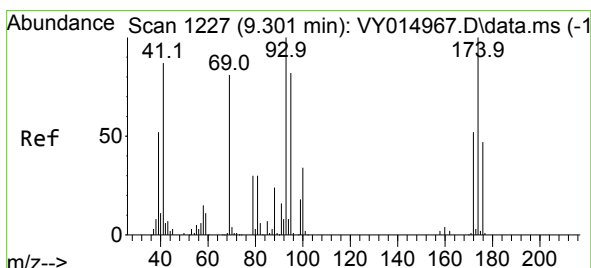
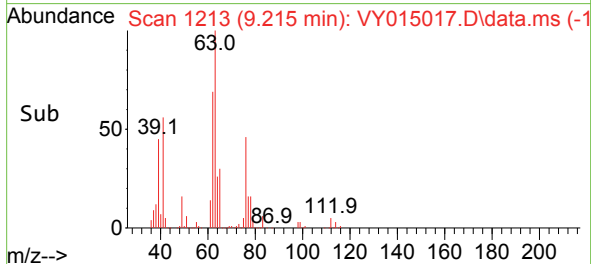
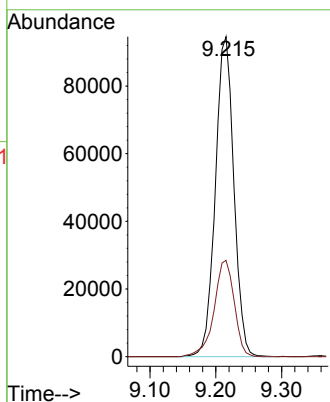
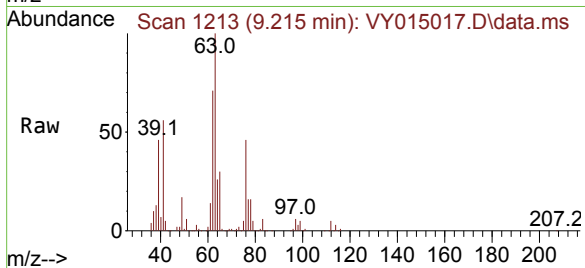




#45
1,2-Dichloropropane
Concen: 53.806 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.006 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

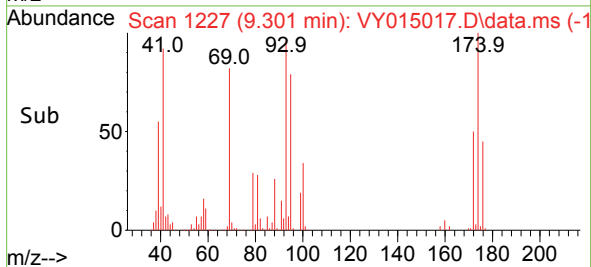
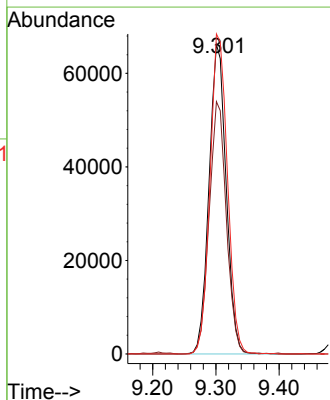
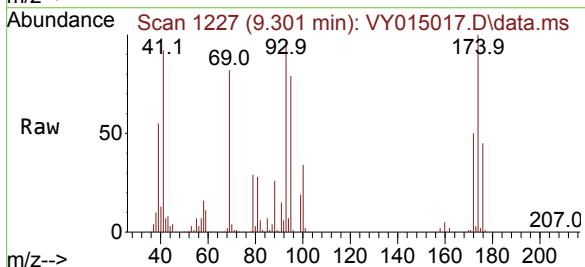
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

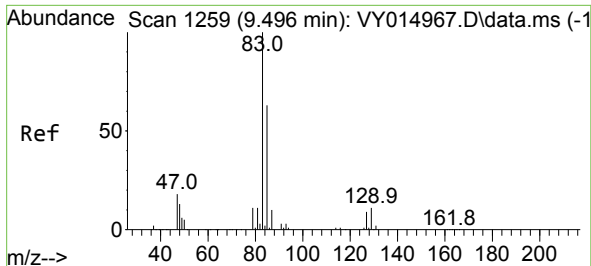
Tgt Ion: 63 Resp: 184884
Ion Ratio Lower Upper
63 100
65 30.1 23.8 35.6



#46
Dibromomethane
Concen: 56.380 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

Tgt Ion: 93 Resp: 124798
Ion Ratio Lower Upper
93 100
95 81.9 66.6 100.0
174 105.2 84.8 127.2

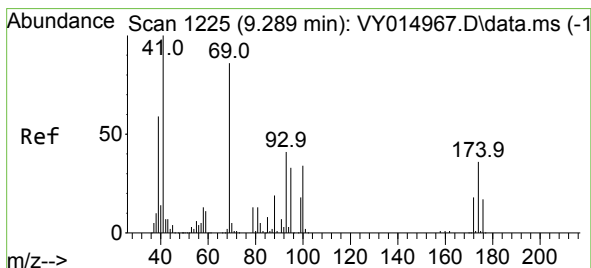
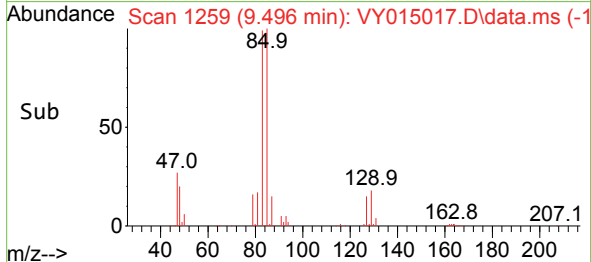
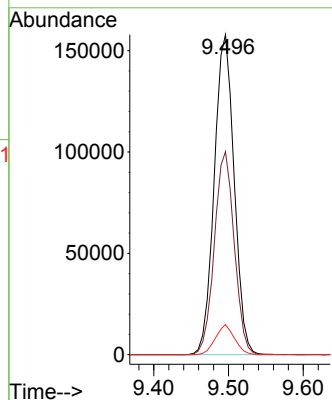
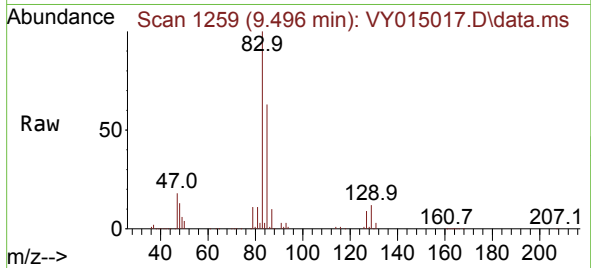




#47
Bromodichloromethane
Concen: 57.210 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

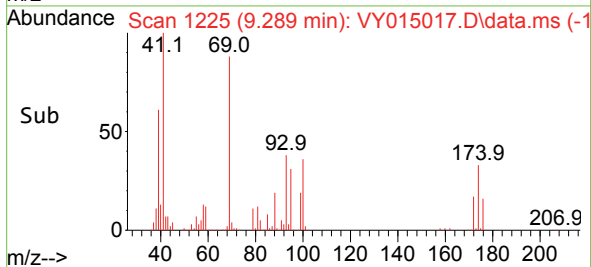
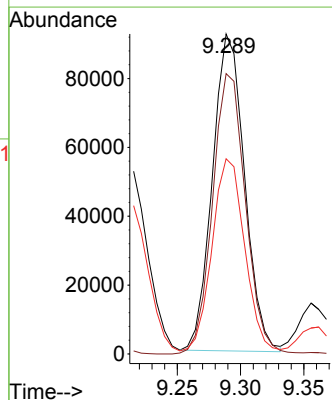
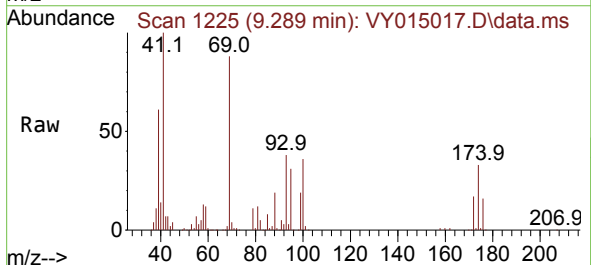
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

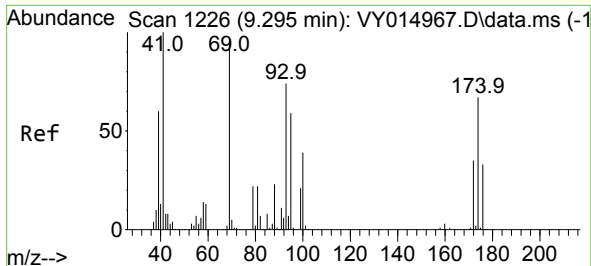
Tgt Ion: 83 Resp: 291616
Ion Ratio Lower Upper
83 100
85 63.5 50.1 75.1
127 9.4 7.1 10.7



#48
Methyl methacrylate
Concen: 57.253 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

Tgt Ion: 41 Resp: 162656
Ion Ratio Lower Upper
41 100
69 91.1 64.5 96.7
39 63.2 50.8 76.2





#49

1,4-Dioxane

Concen: 1141.318 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY015017.D

Acq: 09 Aug 2023 19:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

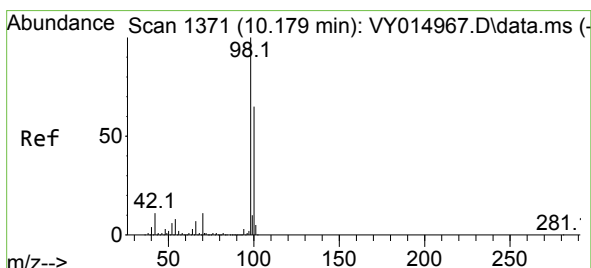
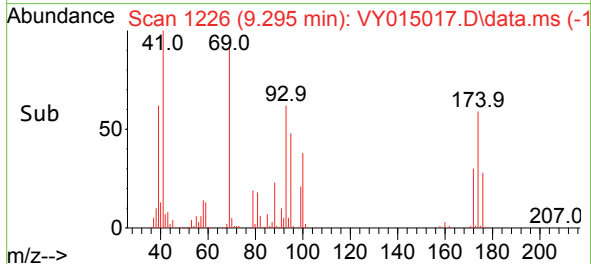
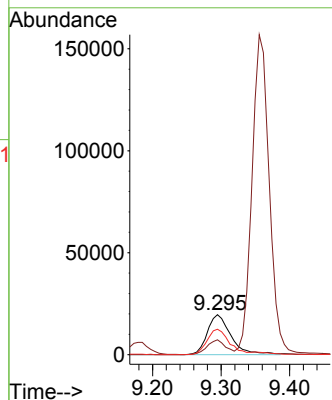
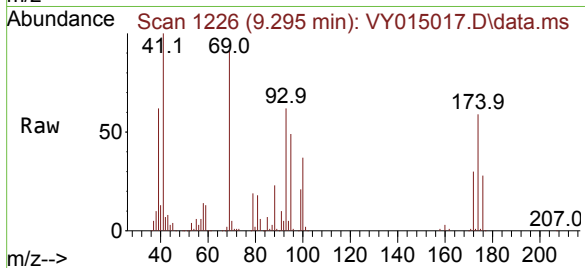
Tgt Ion: 88 Resp: 46991

Ion Ratio Lower Upper

88 100

43 29.2 0.0 0.0#

58 60.2 30.9 46.3#



#50

Toluene-d8

Concen: 48.047 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015017.D

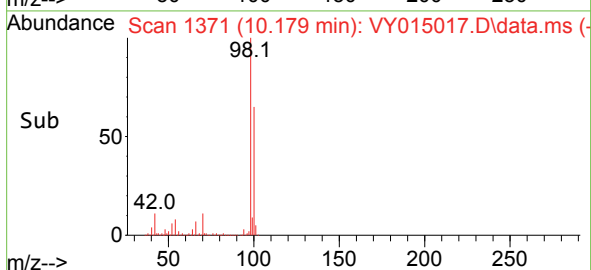
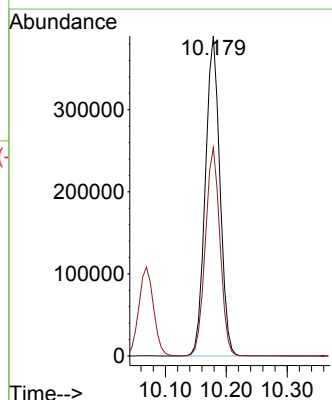
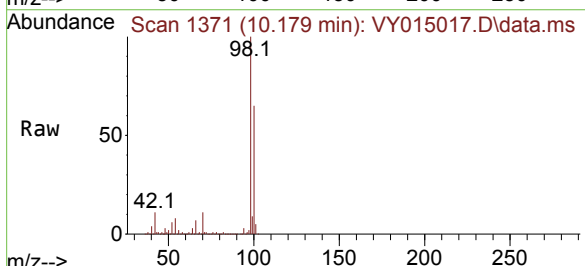
Acq: 09 Aug 2023 19:50

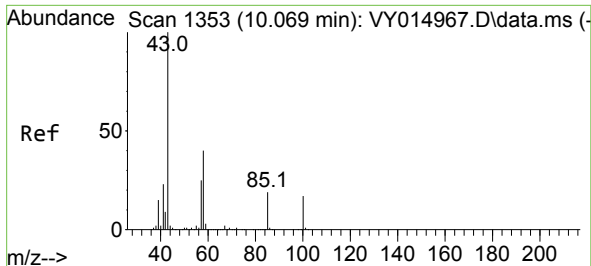
Tgt Ion: 98 Resp: 646764

Ion Ratio Lower Upper

98 100

100 65.5 50.1 75.1

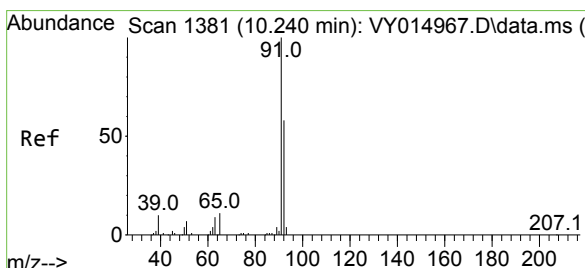
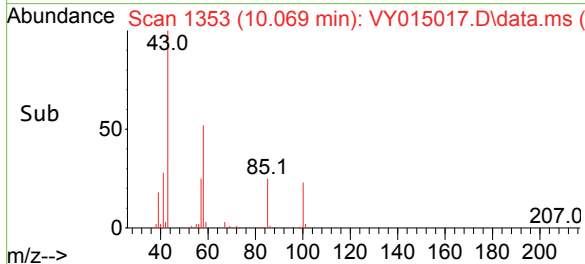
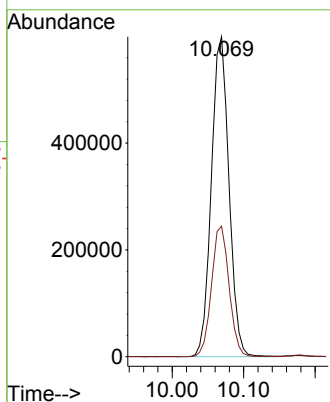
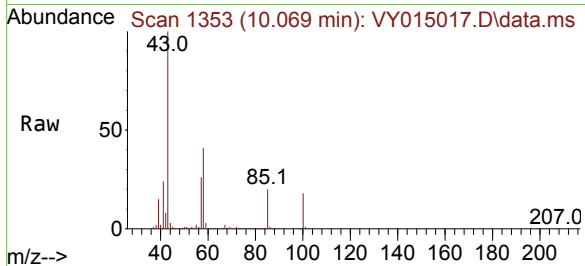




#51
4-Methyl-2-Pentanone
Concen: 280.652 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

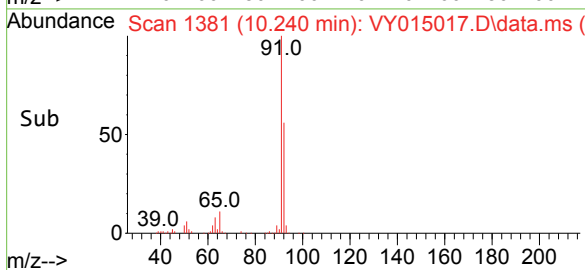
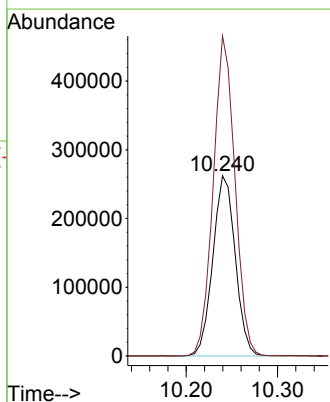
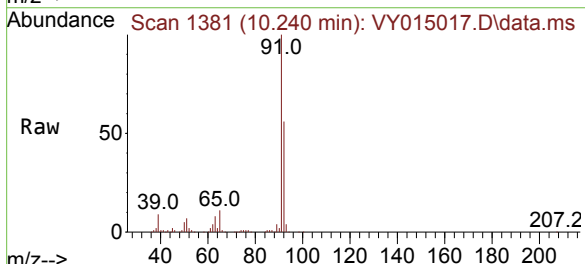
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

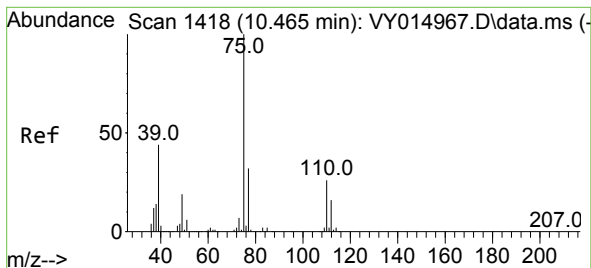
Tgt Ion: 43 Resp: 1024104
Ion Ratio Lower Upper
43 100
58 40.7 29.0 43.6



#52
Toluene
Concen: 53.592 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

Tgt Ion: 92 Resp: 445887
Ion Ratio Lower Upper
92 100
91 172.6 143.8 215.6

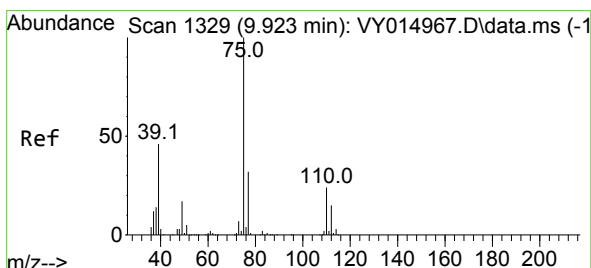
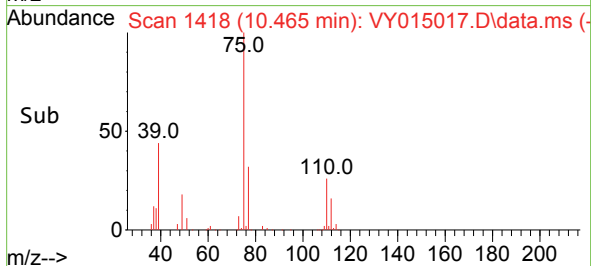
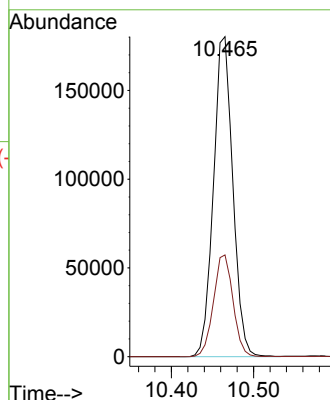
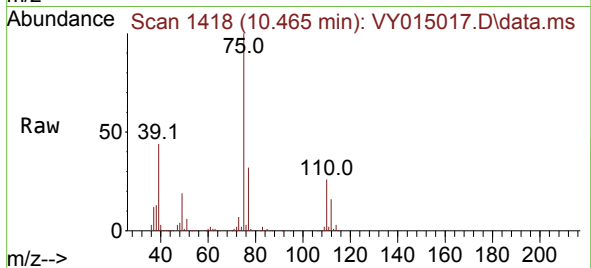




#53
t-1,3-Dichloropropene
Concen: 55.607 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

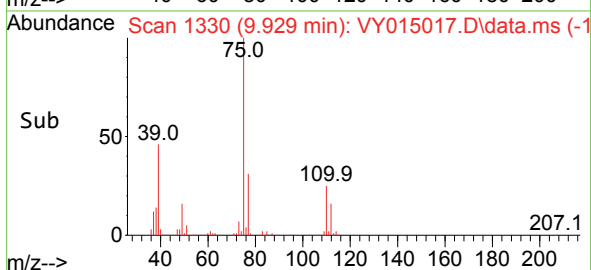
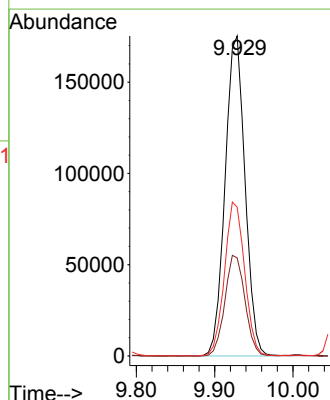
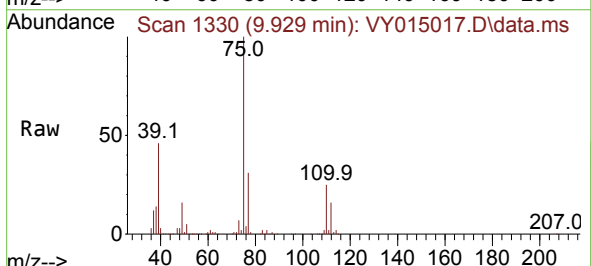
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

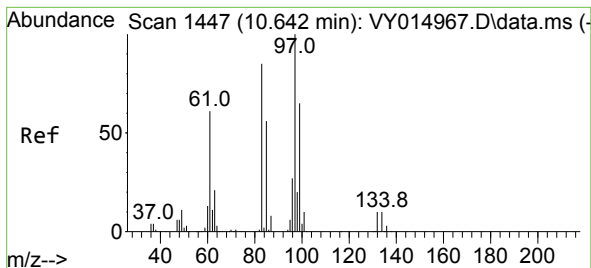
Tgt Ion: 75 Resp: 295178
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 54.097 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

Tgt Ion: 75 Resp: 310252
Ion Ratio Lower Upper
75 100
77 30.6 24.2 36.4
39 46.4 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 56.054 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY015017.D

Acq: 09 Aug 2023 19:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 180334

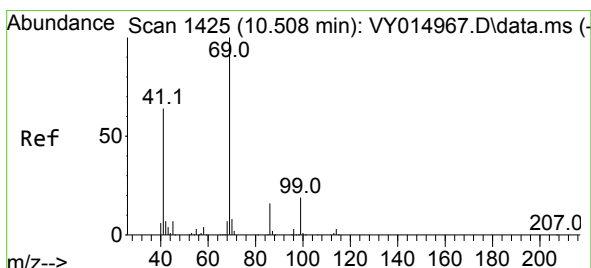
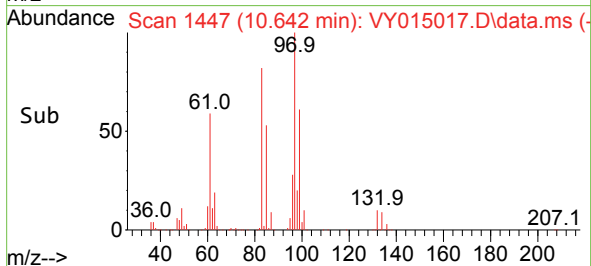
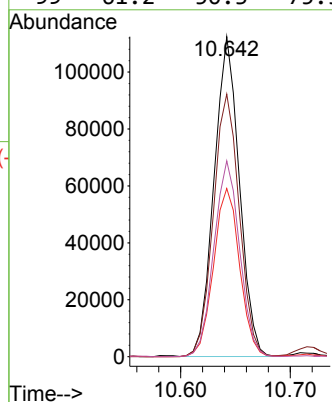
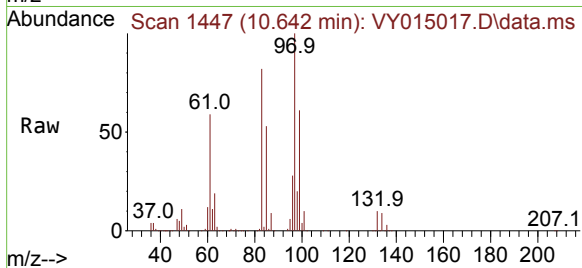
Ion Ratio Lower Upper

97 100

83 82.1 72.0 108.0

85 52.5 45.4 68.0

99 61.2 50.3 75.5



#56

Ethyl methacrylate

Concen: 57.724 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY015017.D

Acq: 09 Aug 2023 19:50

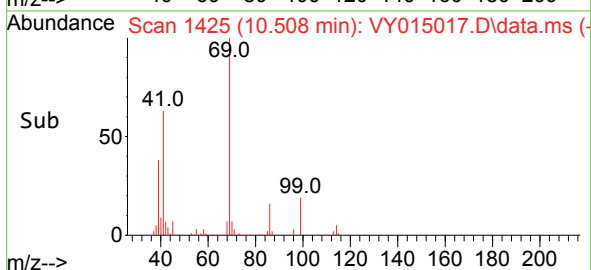
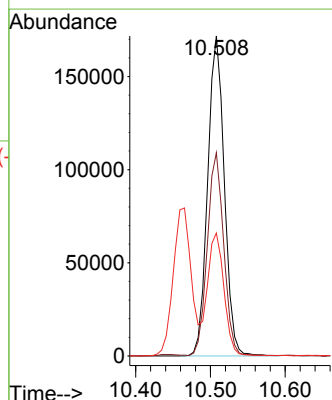
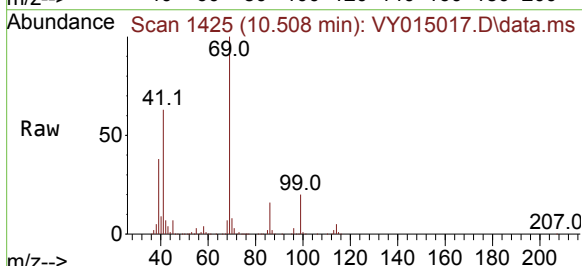
Tgt Ion: 69 Resp: 265912

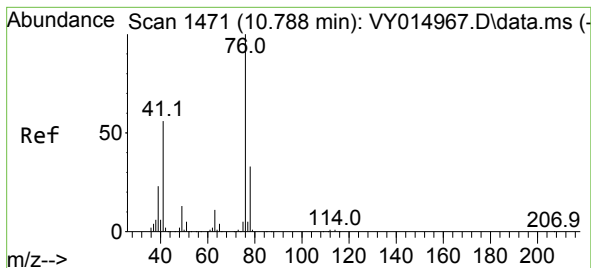
Ion Ratio Lower Upper

69 100

41 62.4 57.6 86.4

39 38.4 34.1 51.1





#57

1,3-Dichloropropane

Concen: 55.609 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015017.D

Acq: 09 Aug 2023 19:50

Instrument :

MSVOA_Y

ClientSampleId :

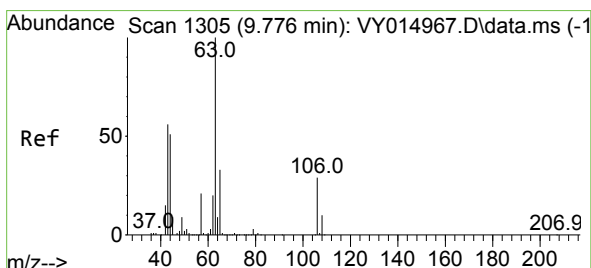
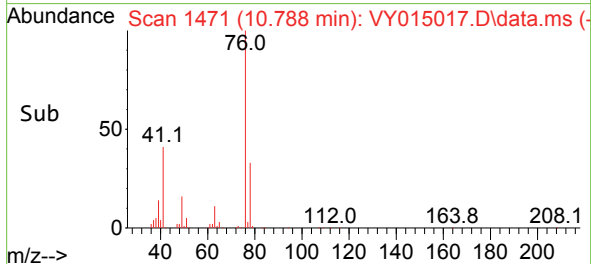
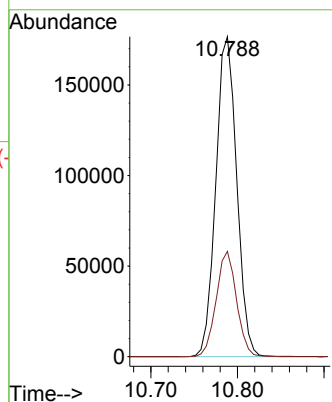
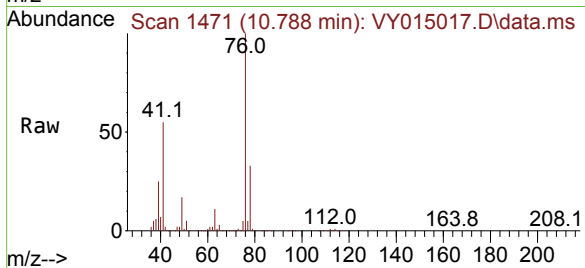
VSTDCCC050EC

Tgt Ion: 76 Resp: 295988

Ion Ratio Lower Upper

76 100

78 32.1 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 241.692 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015017.D

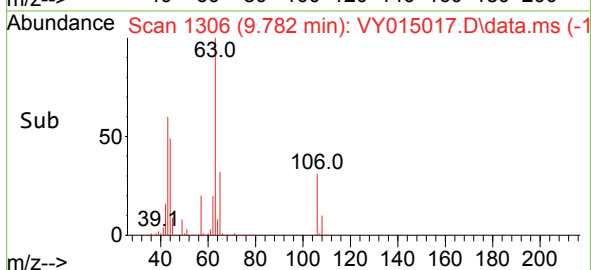
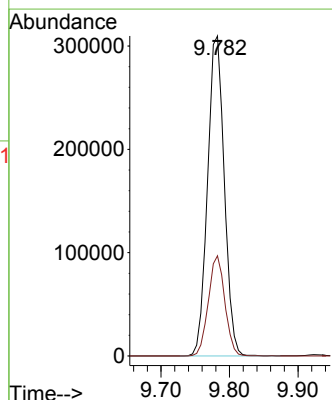
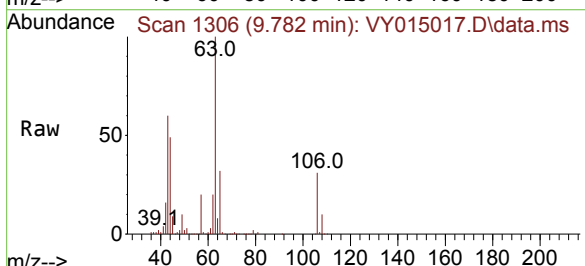
Acq: 09 Aug 2023 19:50

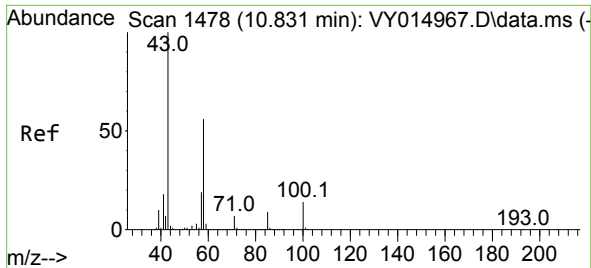
Tgt Ion: 63 Resp: 526445

Ion Ratio Lower Upper

63 100

106 30.9 21.2 31.8

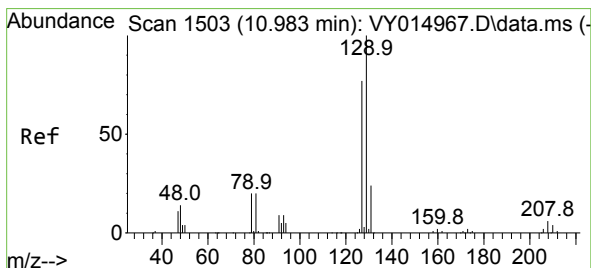
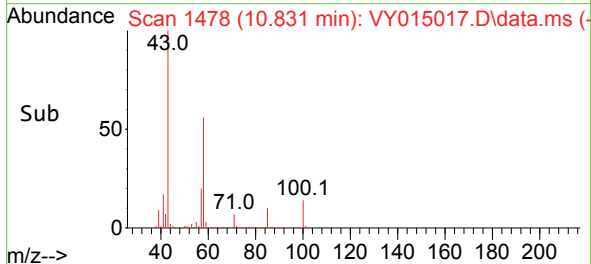
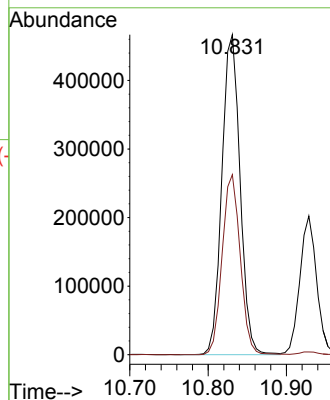
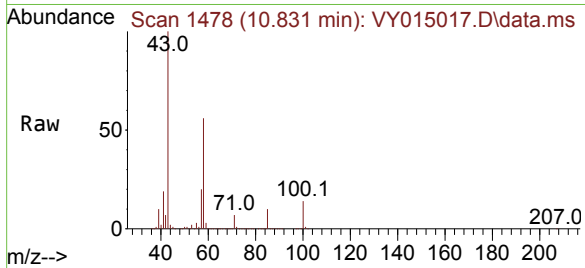




#59
2-Hexanone
Concen: 279.780 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

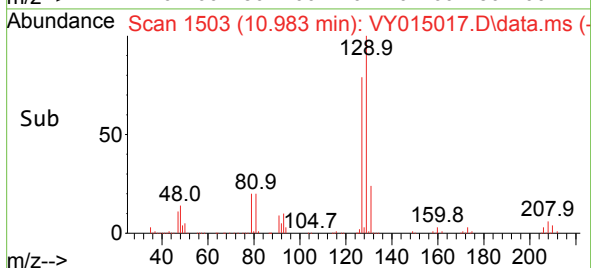
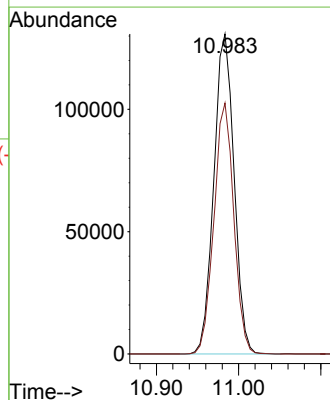
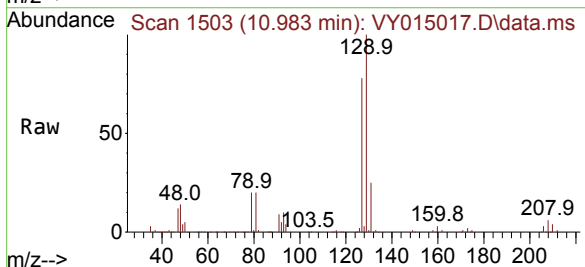
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

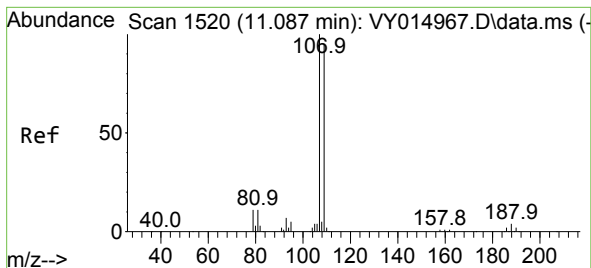
Tgt Ion: 43 Resp: 754172
Ion Ratio Lower Upper
43 100
58 55.9 25.1 75.3



#60
Dibromochloromethane
Concen: 58.323 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

Tgt Ion:129 Resp: 223414
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

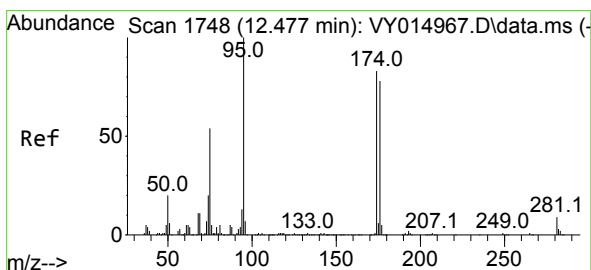
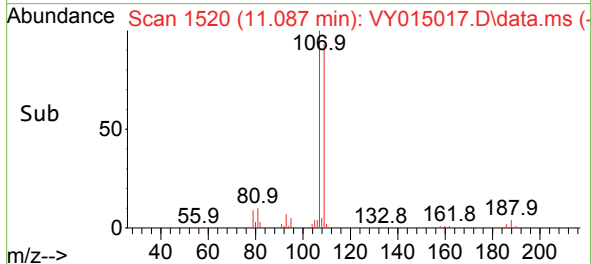
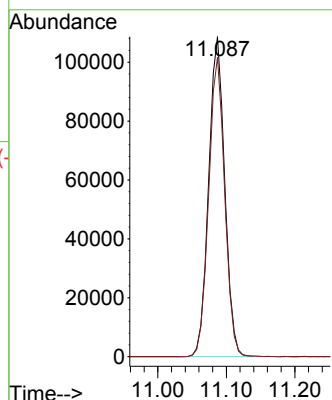
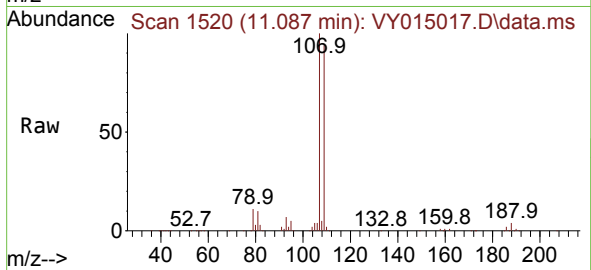




#61
1,2-Dibromoethane
Concen: 57.717 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

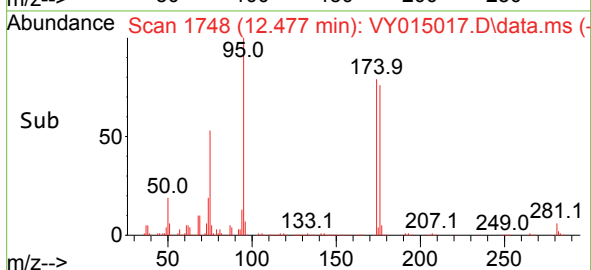
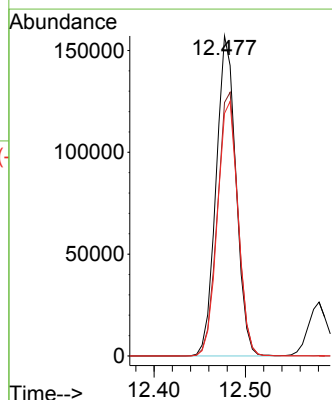
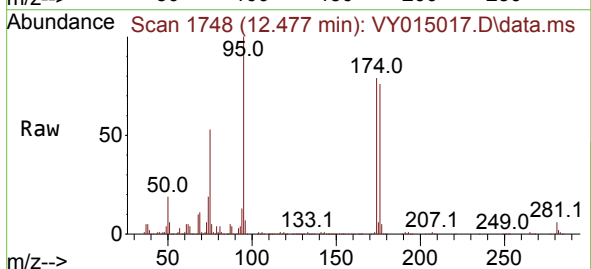
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

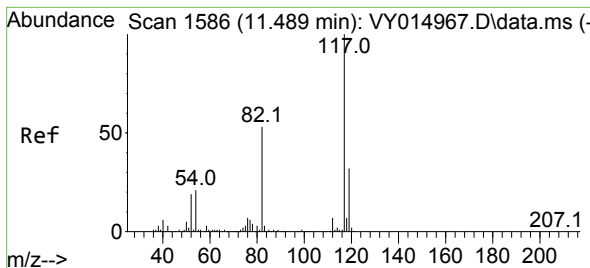
Tgt Ion:107 Resp: 177237
Ion Ratio Lower Upper
107 100
109 93.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.814 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

Tgt Ion: 95 Resp: 237657
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 82.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015017.D

Acq: 09 Aug 2023 19:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

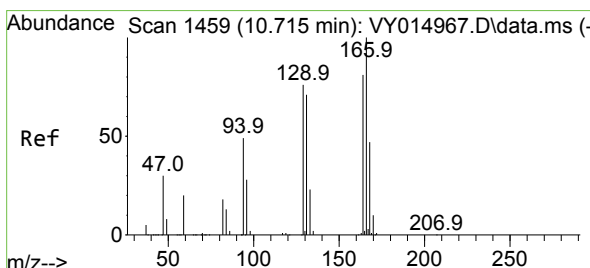
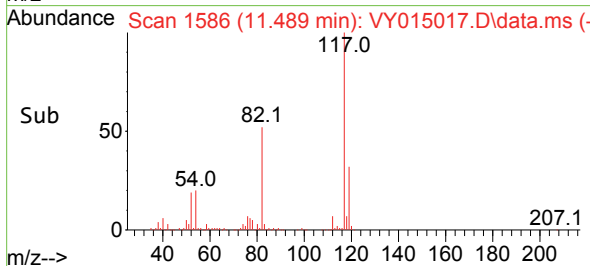
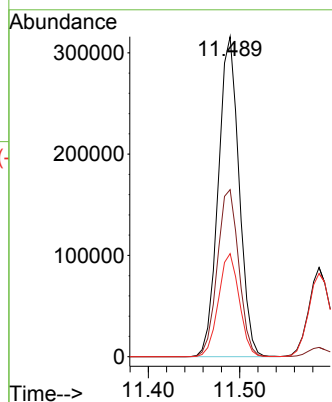
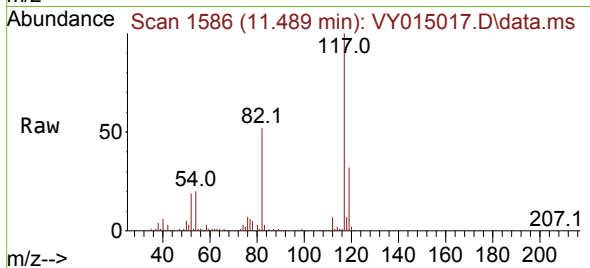
Tgt Ion:117 Resp: 499958

Ion Ratio Lower Upper

117 100

82 52.2 43.4 65.0

119 32.2 26.3 39.5



#64

Tetrachloroethene

Concen: 66.094 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY015017.D

Acq: 09 Aug 2023 19:50

Tgt Ion:164 Resp: 248563

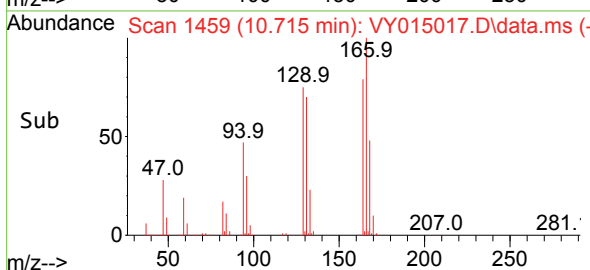
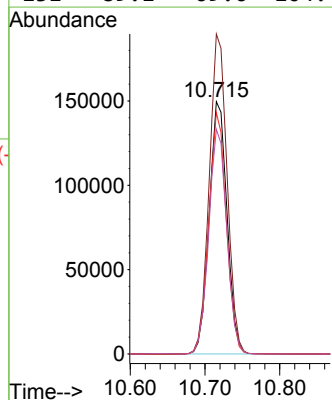
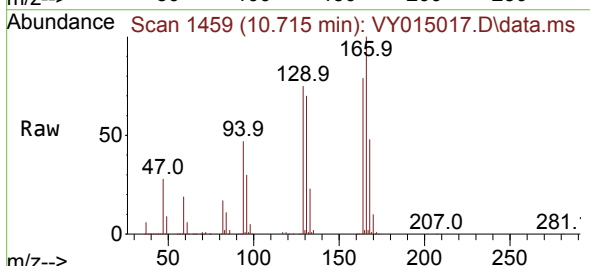
Ion Ratio Lower Upper

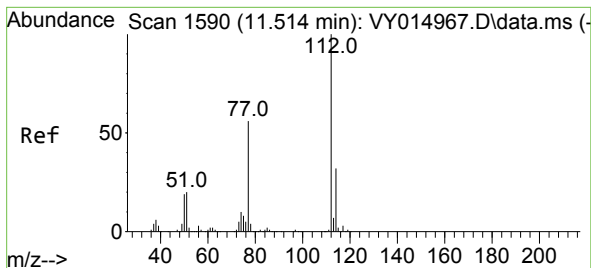
164 100

166 126.8 103.0 154.6

129 95.7 77.2 115.8

131 89.1 69.6 104.4





#65

Chlorobenzene

Concen: 54.484 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY015017.D

Acq: 09 Aug 2023 19:50

Instrument :

MSVOA_Y

ClientSampleId :

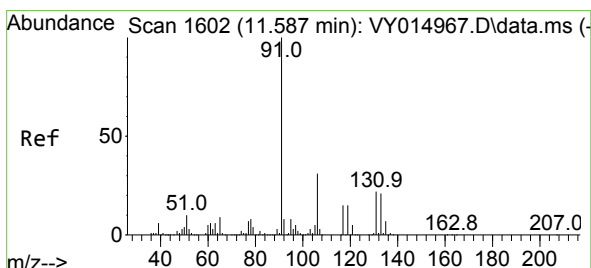
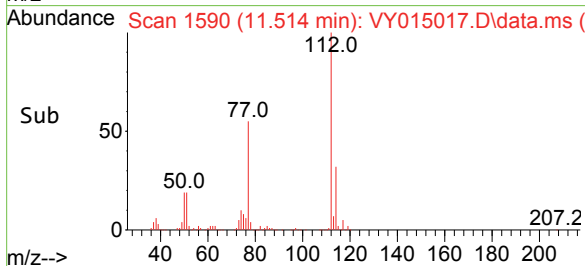
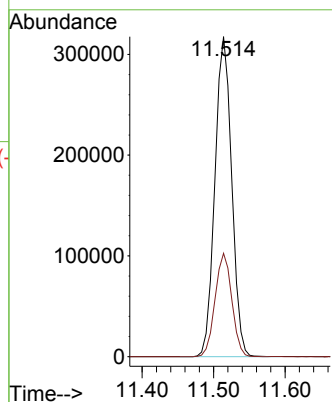
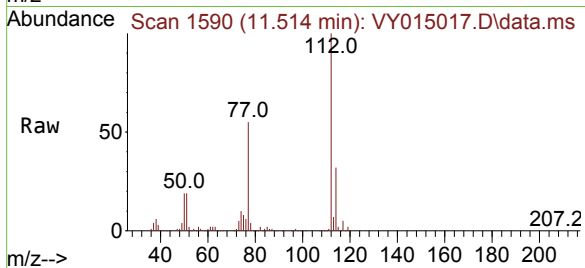
VSTDCCC050EC

Tgt Ion:112 Resp: 516880

Ion Ratio Lower Upper

112 100

114 32.3 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 56.565 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY015017.D

Acq: 09 Aug 2023 19:50

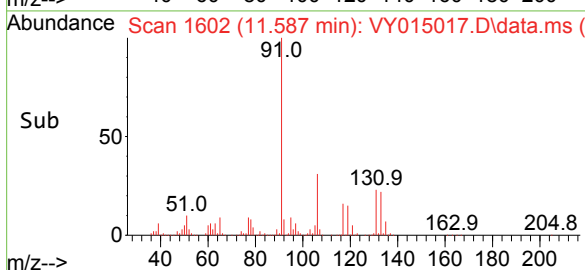
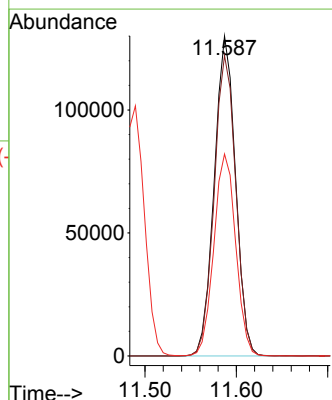
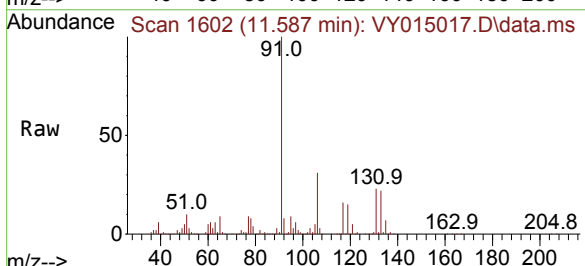
Tgt Ion:131 Resp: 210272

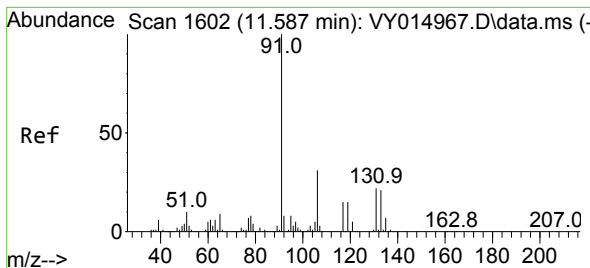
Ion Ratio Lower Upper

131 100

133 95.6 47.5 142.6

119 64.9 31.6 94.7





#67

Ethyl Benzene

Concen: 53.925 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015017.D

Acq: 09 Aug 2023 19:50

Instrument :

MSVOA_Y

ClientSampleId :

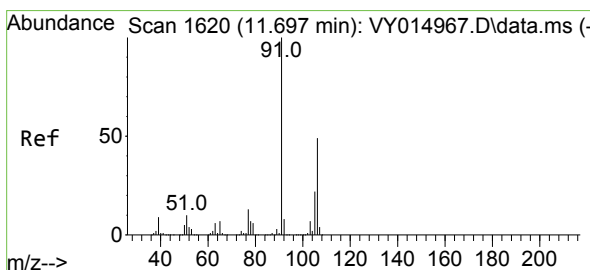
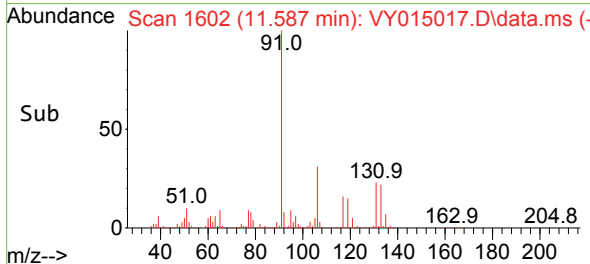
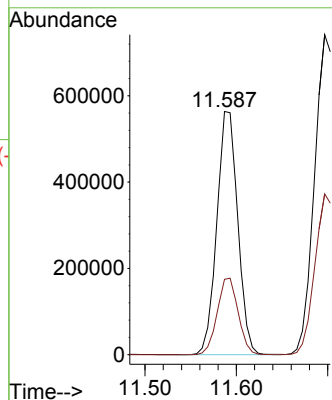
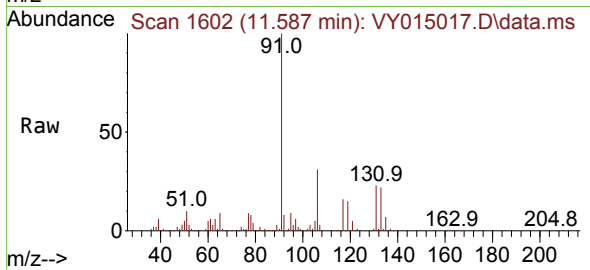
VSTDCCC050EC

Tgt Ion: 91 Resp: 897800

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 106.686 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY015017.D

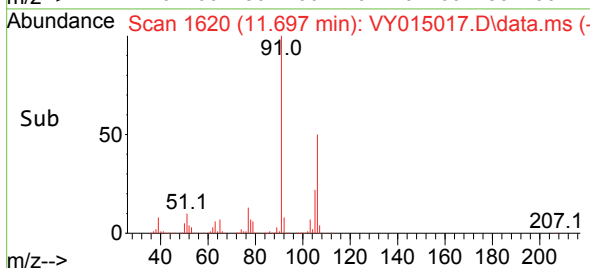
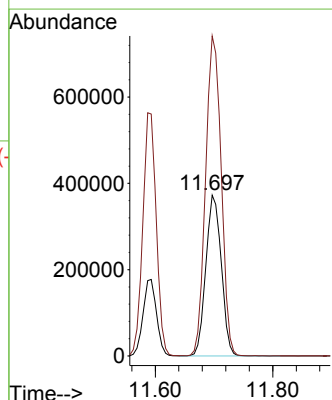
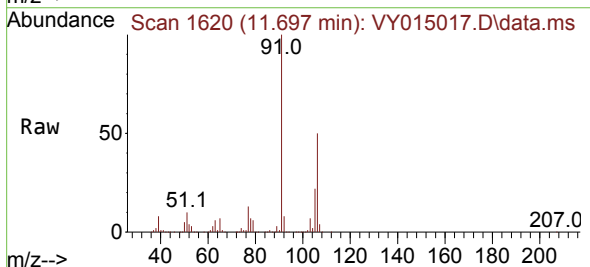
Acq: 09 Aug 2023 19:50

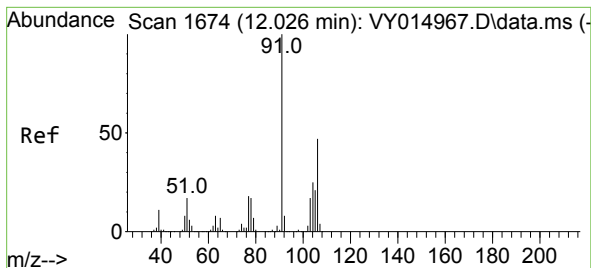
Tgt Ion:106 Resp: 679488

Ion Ratio Lower Upper

106 100

91 201.4 166.1 249.1





#69

o-Xylene

Concen: 55.073 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015017.D

Acq: 09 Aug 2023 19:50

Instrument :

MSVOA_Y

ClientSampleId :

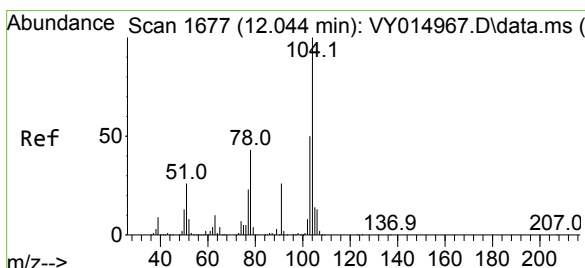
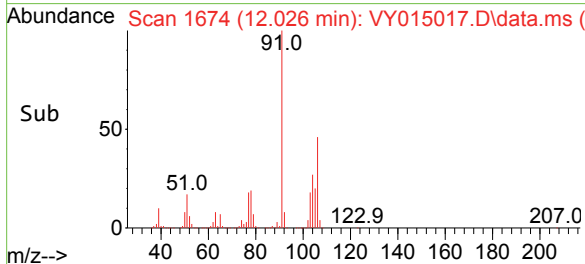
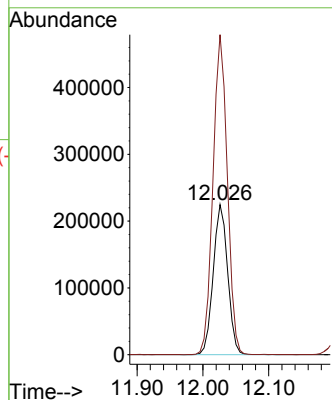
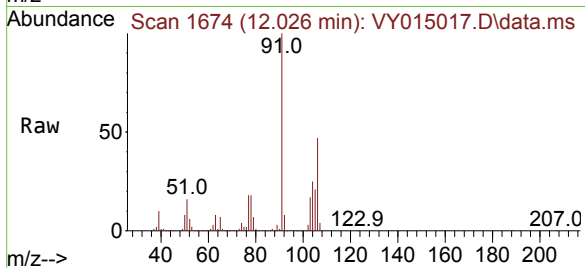
VSTDCCC050EC

Tgt Ion:106 Resp: 343223

Ion Ratio Lower Upper

106 100

91 211.7 108.1 324.3



#70

Styrene

Concen: 55.092 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY015017.D

Acq: 09 Aug 2023 19:50

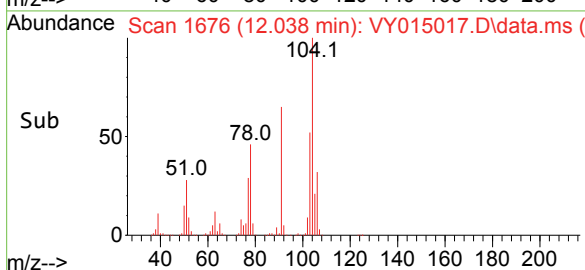
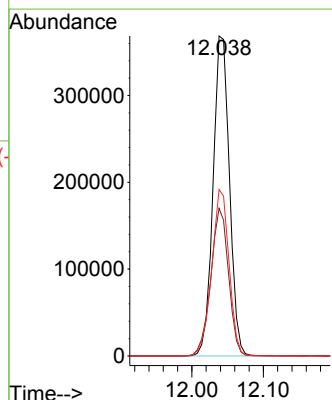
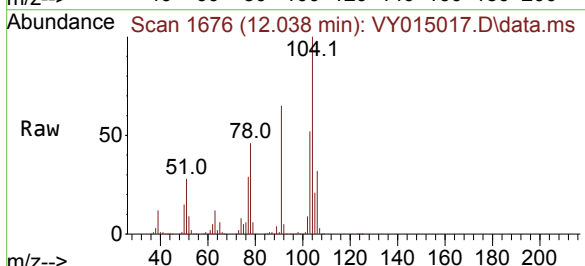
Tgt Ion:104 Resp: 586765

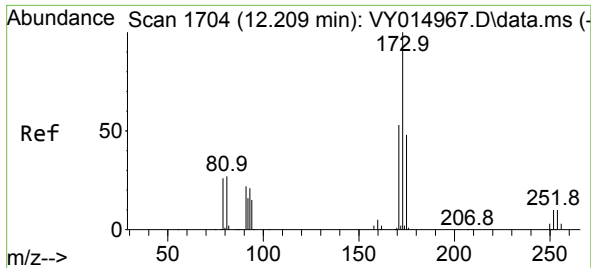
Ion Ratio Lower Upper

104 100

78 49.9 41.5 62.3

103 55.0 44.6 67.0

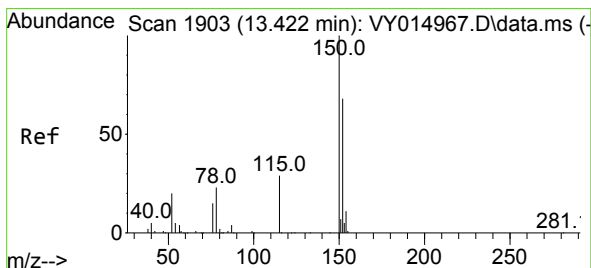
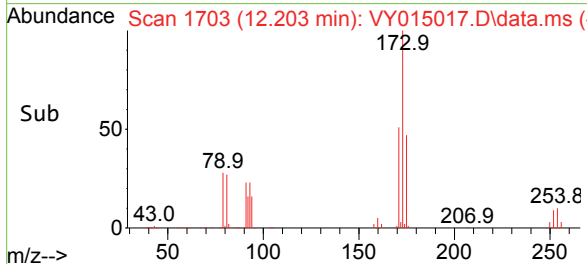
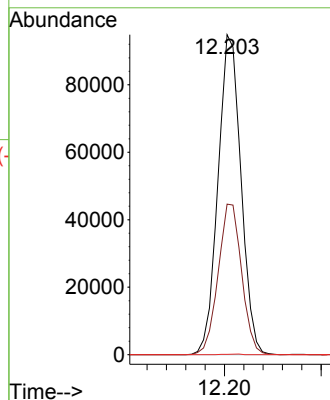
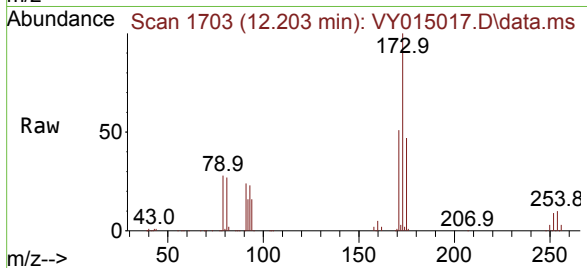




#71
Bromoform
Concen: 60.975 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

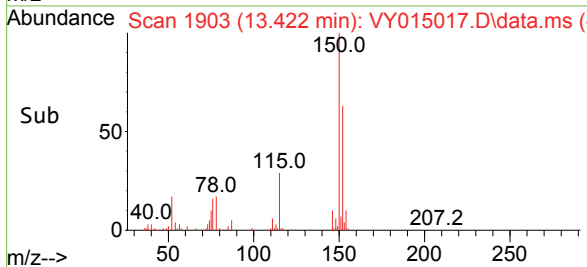
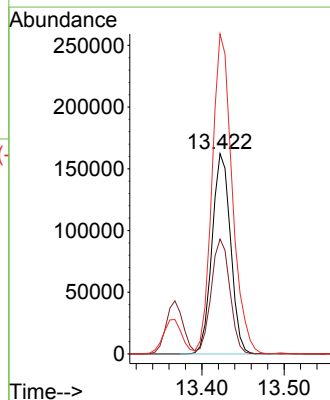
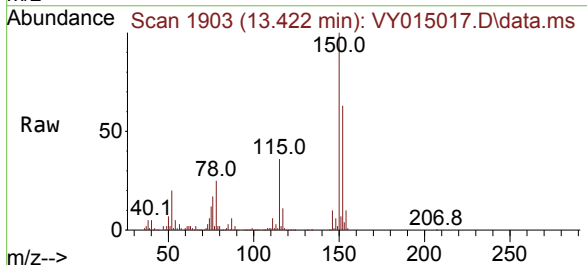
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

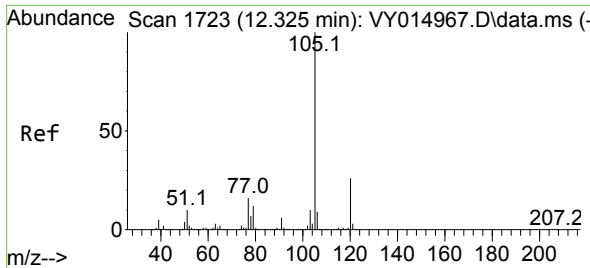
Tgt Ion:173 Resp: 156236
Ion Ratio Lower Upper
173 100
175 48.1 24.6 73.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

Tgt Ion:152 Resp: 254145
Ion Ratio Lower Upper
152 100
115 57.6 28.8 86.5
150 173.6 0.0 348.8

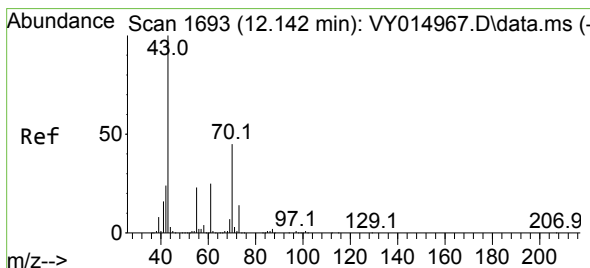
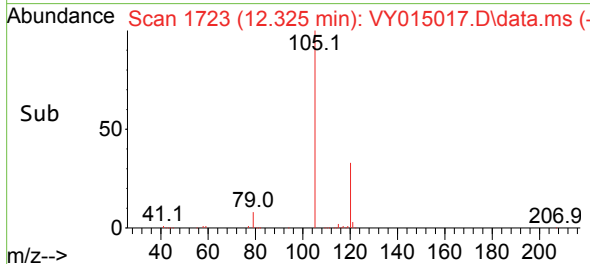
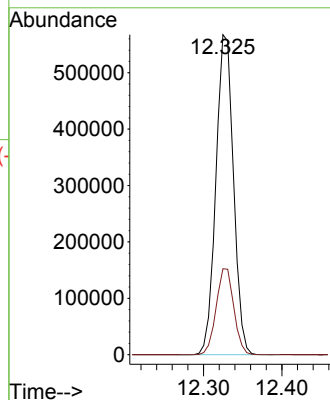
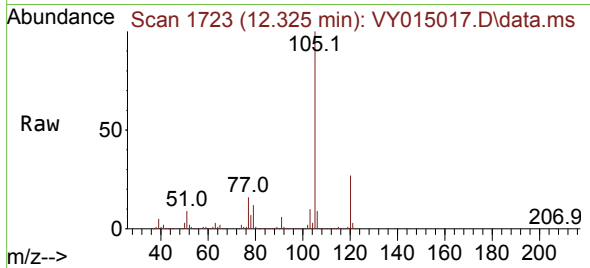




#73
Isopropylbenzene
Concen: 51.775 ug/l
RT: 12.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

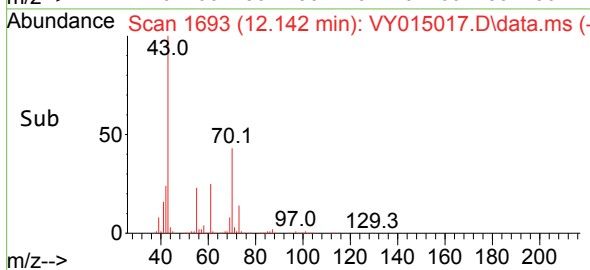
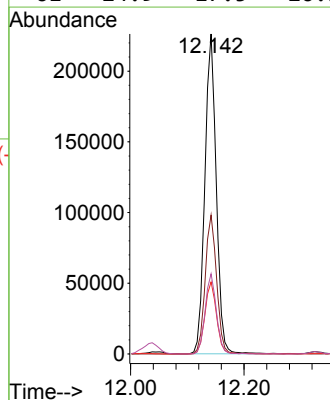
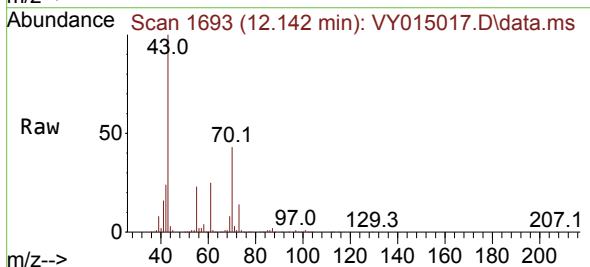
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

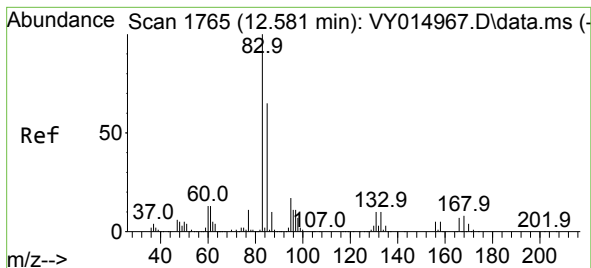
Tgt Ion:105 Resp: 884529
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9



#74
N-ethyl acetate
Concen: 54.100 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

Tgt Ion: 43 Resp: 315778
Ion Ratio Lower Upper
43 100
70 43.8 29.7 44.5
55 23.1 18.3 27.5
61 24.9 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 53.850 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015017.D

Acq: 09 Aug 2023 19:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

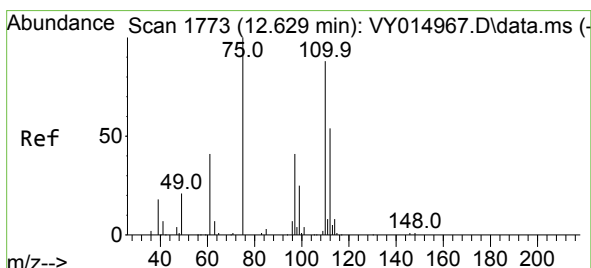
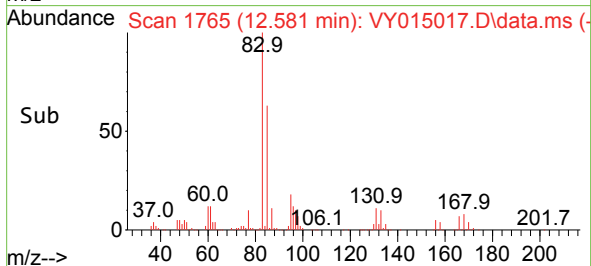
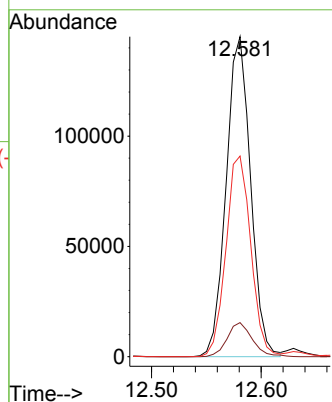
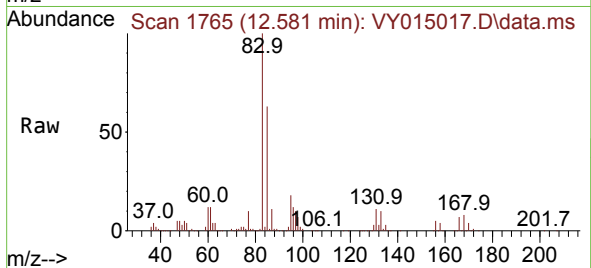
Tgt Ion: 83 Resp: 224824

Ion Ratio Lower Upper

83 100

131 11.0 5.4 16.2

85 63.8 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 98.041 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015017.D

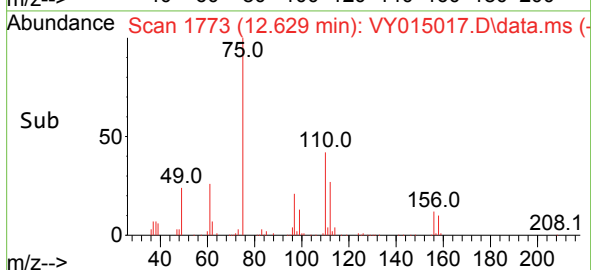
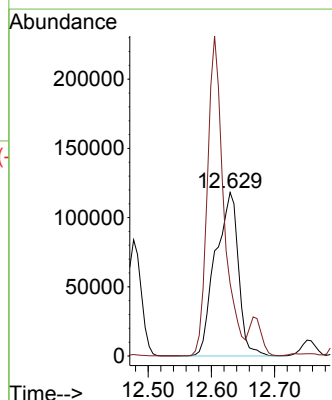
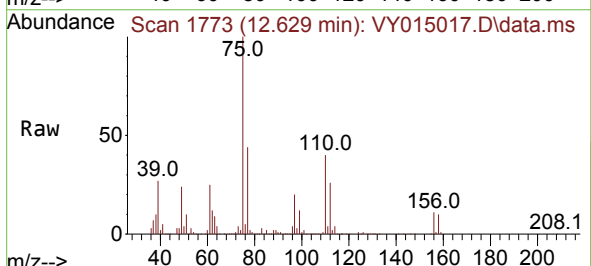
Acq: 09 Aug 2023 19:50

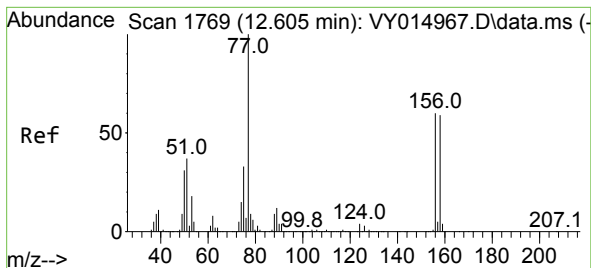
Tgt Ion: 75 Resp: 298560

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.187 ug/l

RT: 12.605 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015017.D

Acq: 09 Aug 2023 19:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

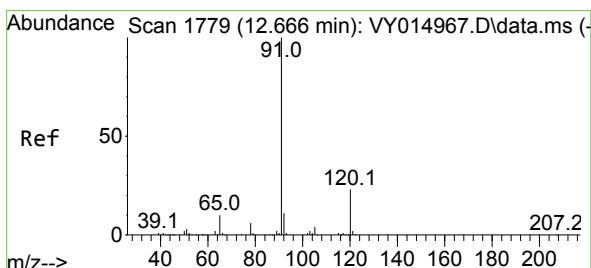
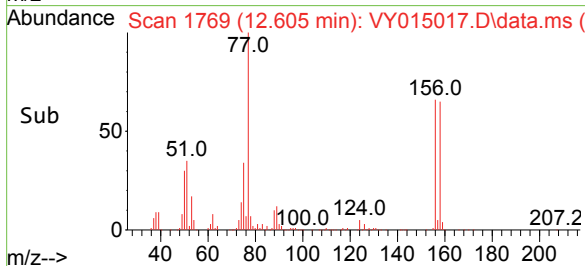
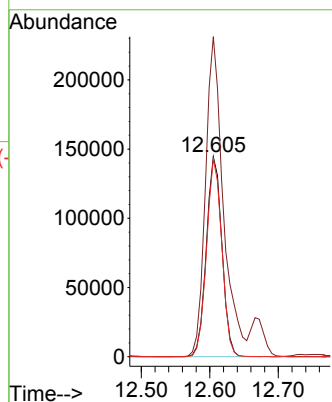
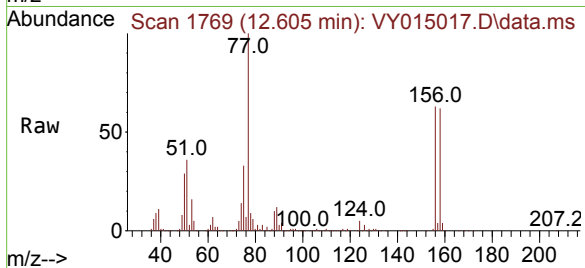
Tgt Ion:156 Resp: 228692

Ion Ratio Lower Upper

156 100

77 183.4 92.8 278.6

158 97.0 48.4 145.3



#78

n-propylbenzene

Concen: 50.533 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015017.D

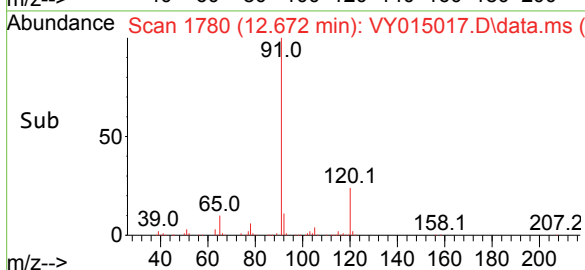
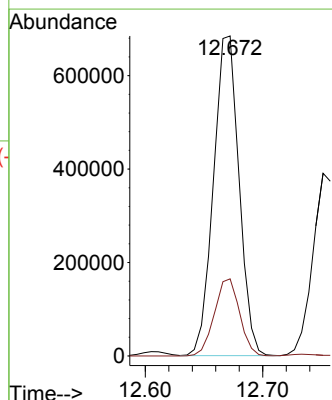
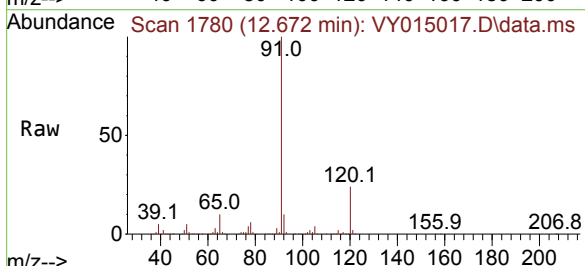
Acq: 09 Aug 2023 19:50

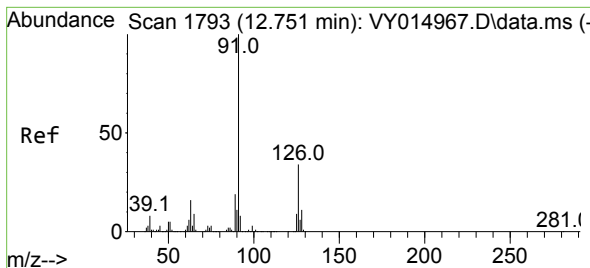
Tgt Ion: 91 Resp: 1032561

Ion Ratio Lower Upper

91 100

120 23.9 11.5 34.4

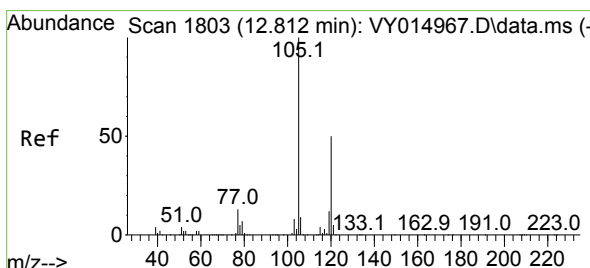
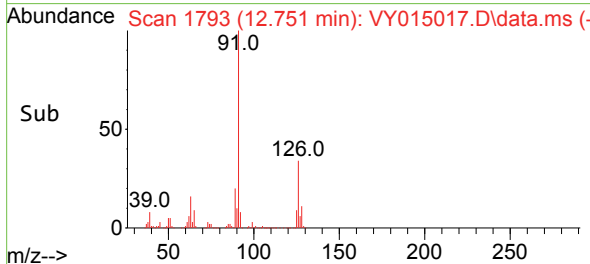
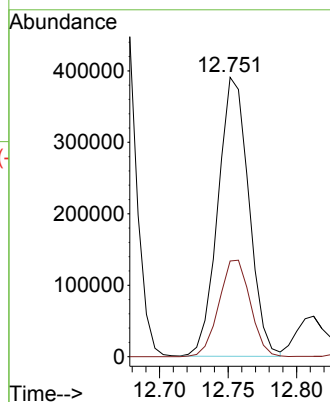
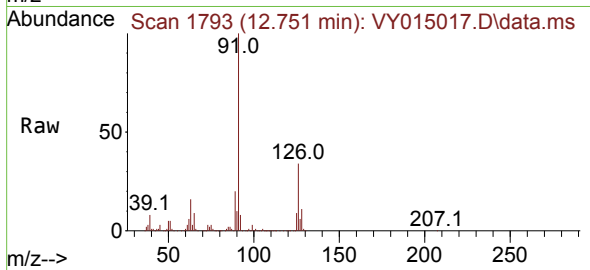




#79
2-Chlorotoluene
Concen: 52.676 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

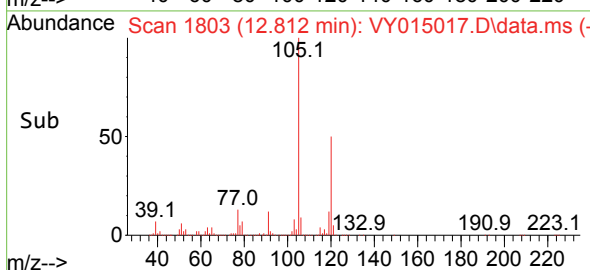
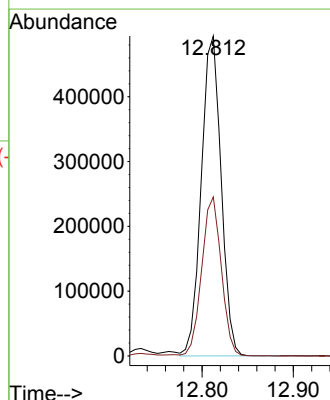
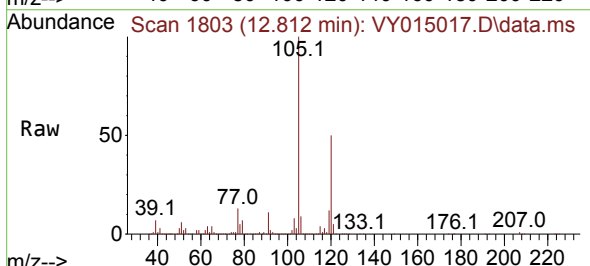
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

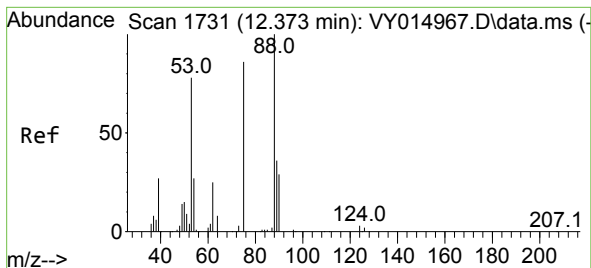
Tgt Ion: 91 Resp: 613437
Ion Ratio Lower Upper
91 100
126 35.1 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 52.699 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

Tgt Ion: 105 Resp: 741920
Ion Ratio Lower Upper
105 100
120 49.3 23.9 71.7

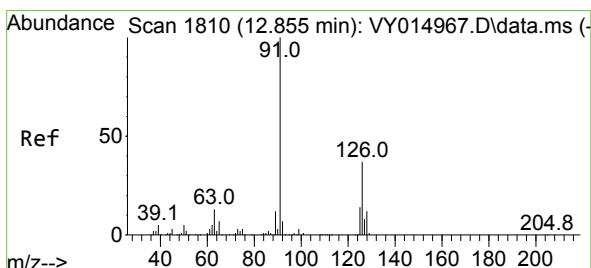
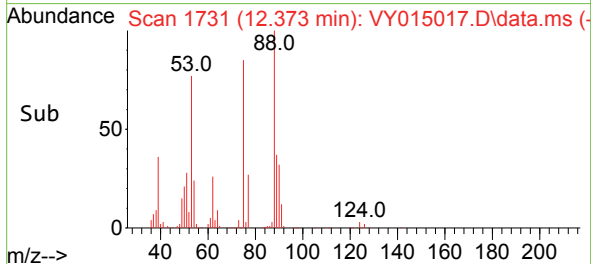
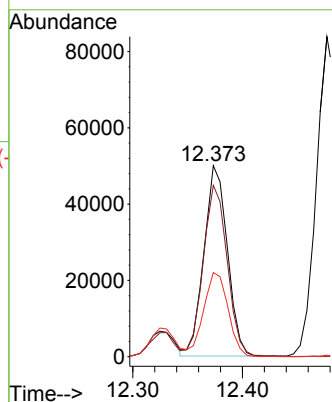
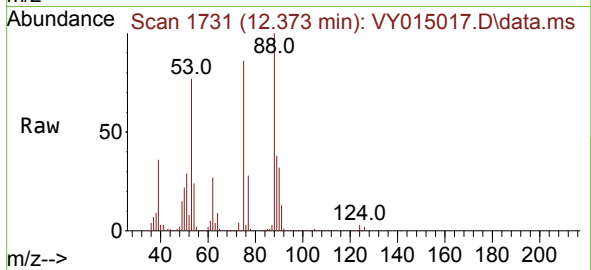




#81
trans-1,4-Dichloro-2-butene
Concen: 53.725 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

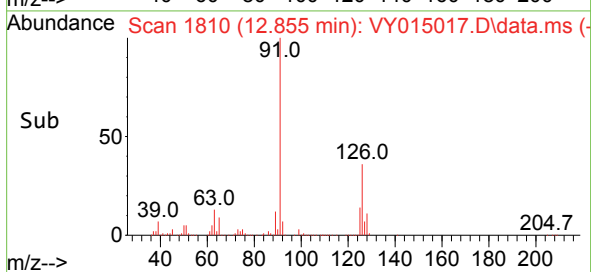
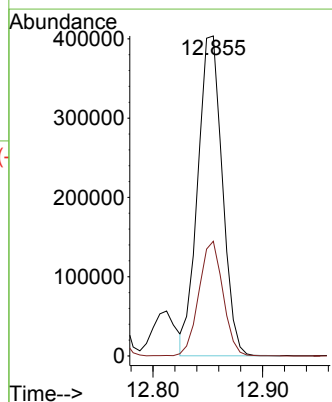
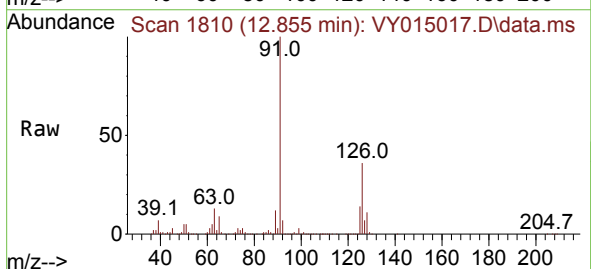
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

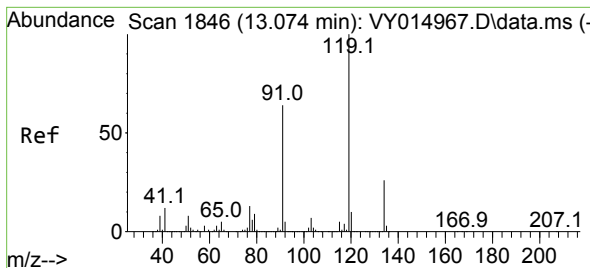
Tgt Ion: 75 Resp: 74265
Ion Ratio Lower Upper
75 100
53 92.9 77.8 116.8
89 45.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 52.157 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

Tgt Ion: 91 Resp: 627900
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 51.613 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015017.D

Acq: 09 Aug 2023 19:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

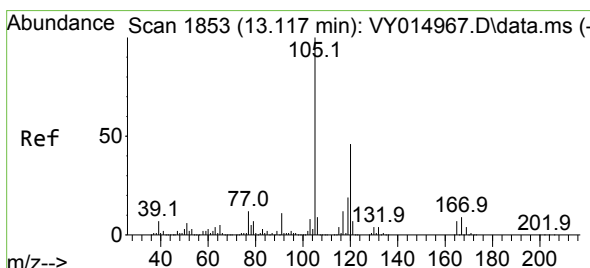
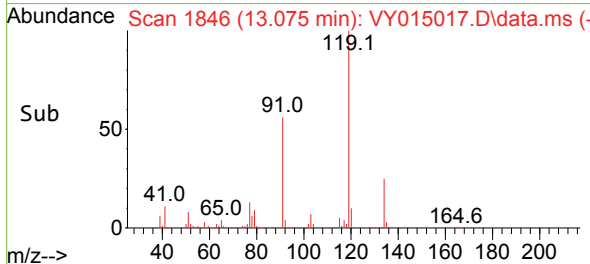
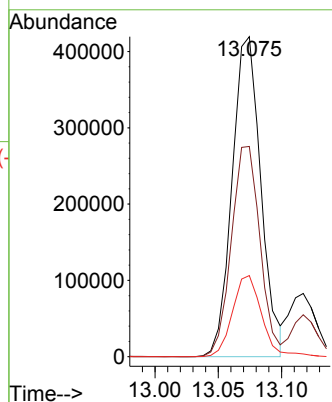
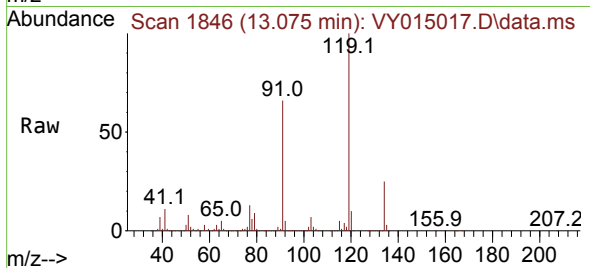
Tgt Ion:119 Resp: 664717

Ion Ratio Lower Upper

119 100

91 65.5 32.9 98.6

134 25.8 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 53.406 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015017.D

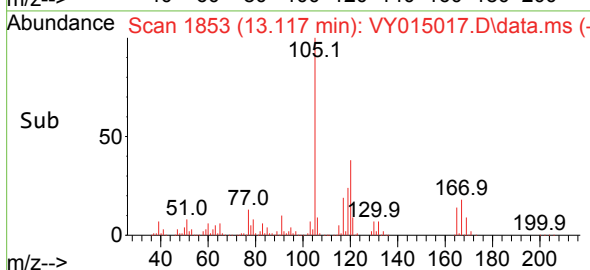
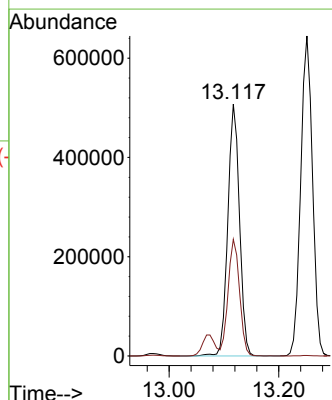
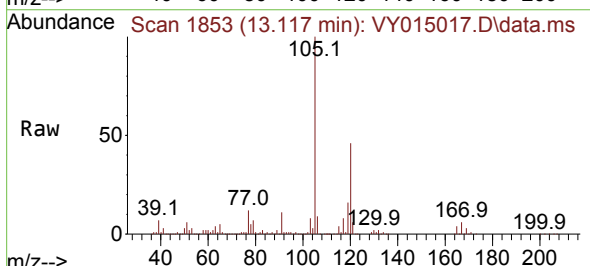
Acq: 09 Aug 2023 19:50

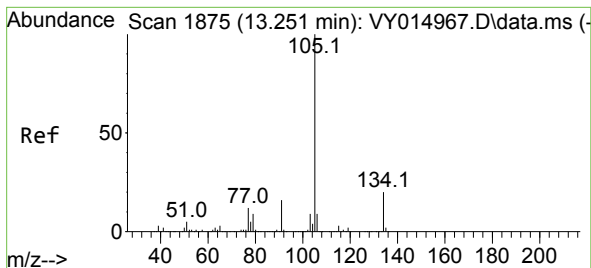
Tgt Ion:105 Resp: 753300

Ion Ratio Lower Upper

105 100

120 45.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 50.632 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015017.D

Acq: 09 Aug 2023 19:50

Instrument :

MSVOA_Y

ClientSampleId :

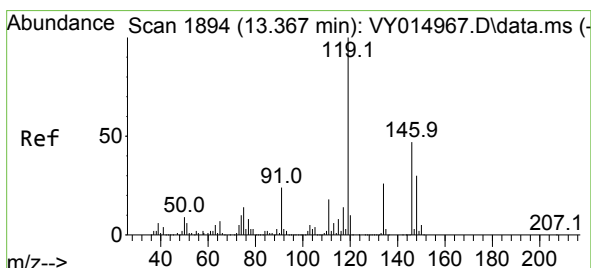
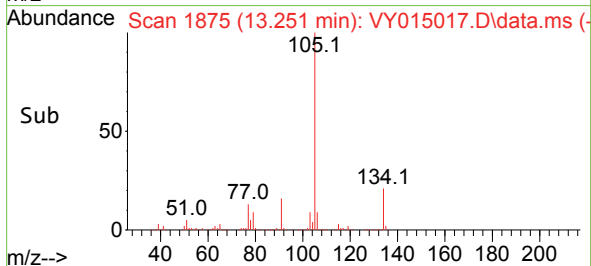
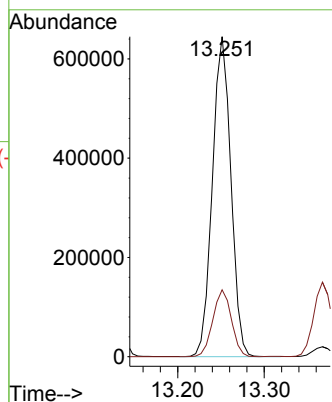
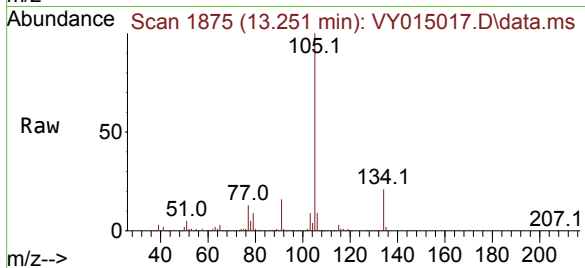
VSTDCCC050EC

Tgt Ion:105 Resp: 957044

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.6



#86

p-Isopropyltoluene

Concen: 51.384 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015017.D

Acq: 09 Aug 2023 19:50

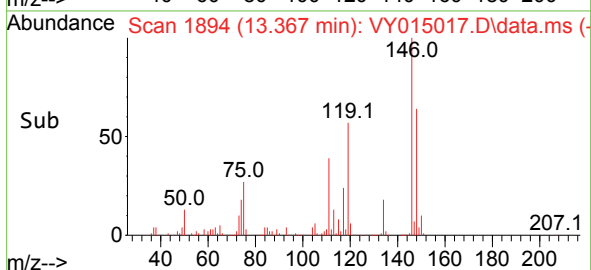
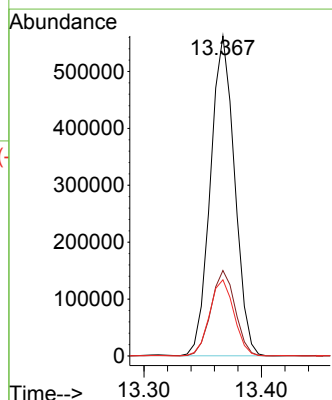
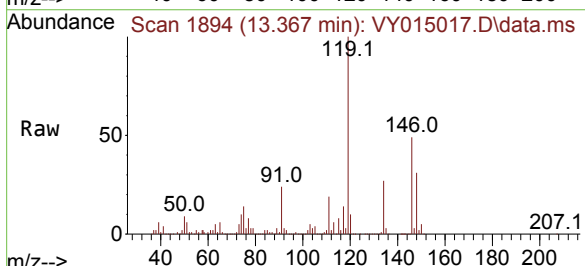
Tgt Ion:119 Resp: 803968

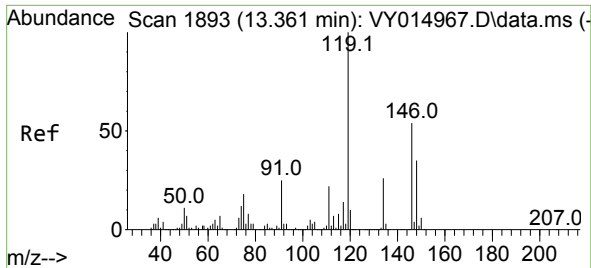
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 24.0 12.4 37.4

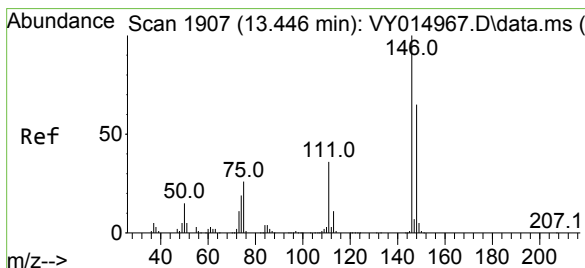
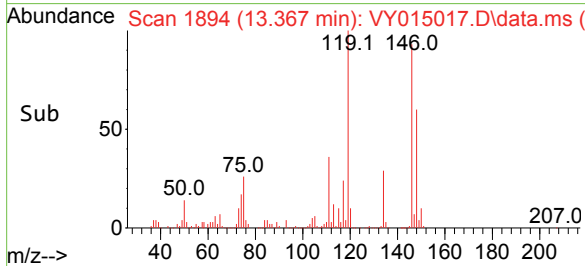
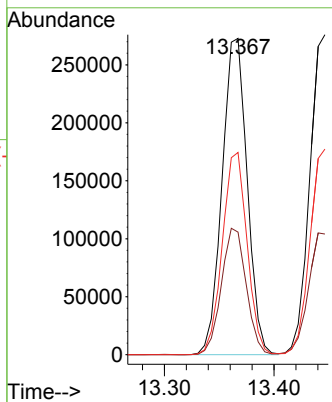
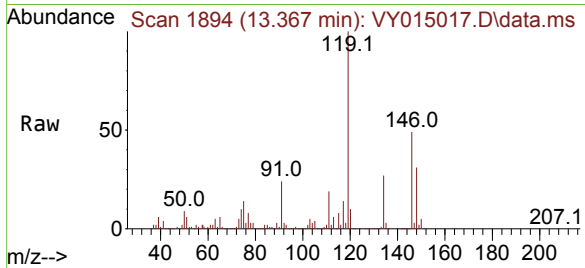




#87
 1,3-Dichlorobenzene
 Concen: 53.467 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VY015017.D
 Acq: 09 Aug 2023 19:50

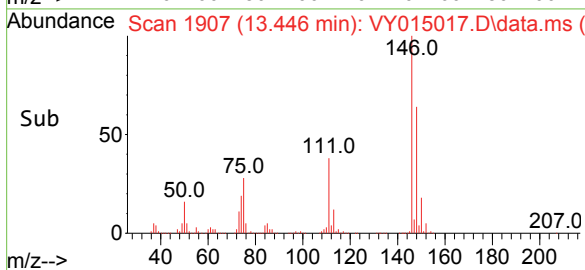
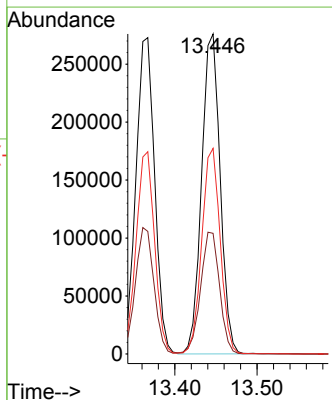
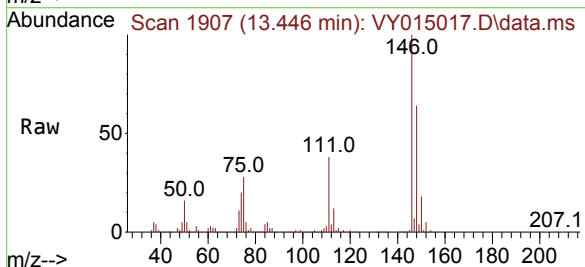
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

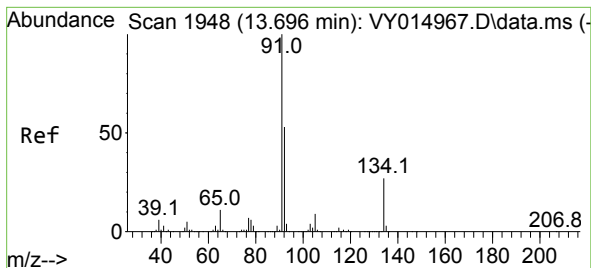
Tgt Ion:146 Resp: 433692
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.4 58.2
 148 63.1 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 53.461 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY015017.D
 Acq: 09 Aug 2023 19:50

Tgt Ion:146 Resp: 432455
 Ion Ratio Lower Upper
 146 100
 111 38.7 18.9 56.7
 148 64.0 32.1 96.5





#89

n-Butylbenzene

Concen: 50.401 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015017.D

Acq: 09 Aug 2023 19:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

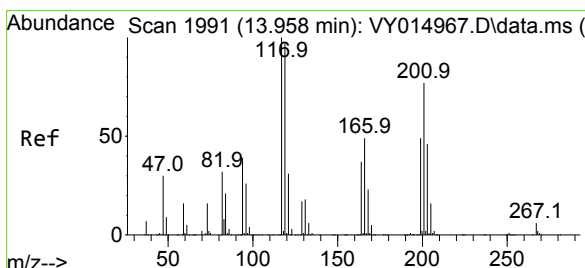
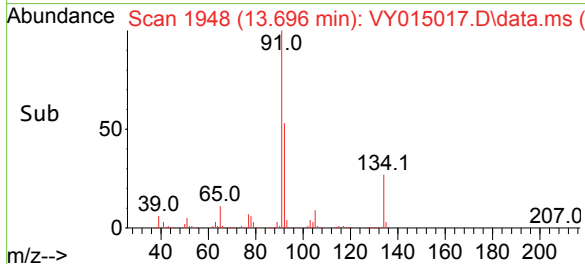
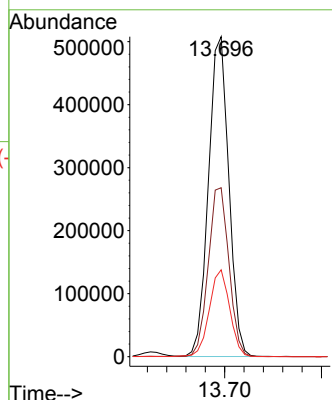
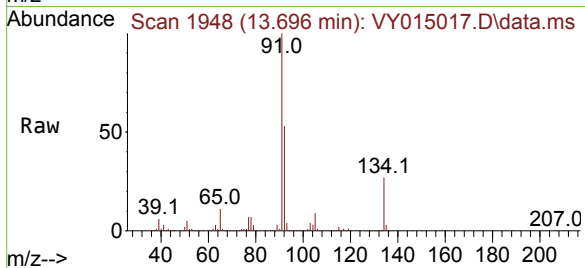
Tgt Ion: 91 Resp: 740939

Ion Ratio Lower Upper

91 100

92 53.5 25.4 76.0

134 27.3 12.6 37.6



#90

Hexachloroethane

Concen: 54.029 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015017.D

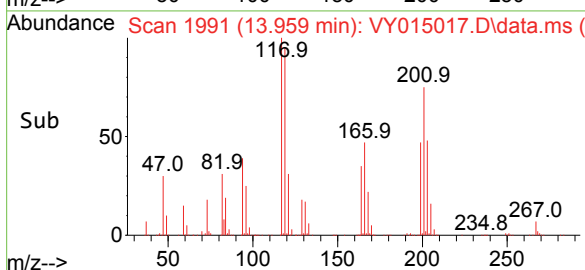
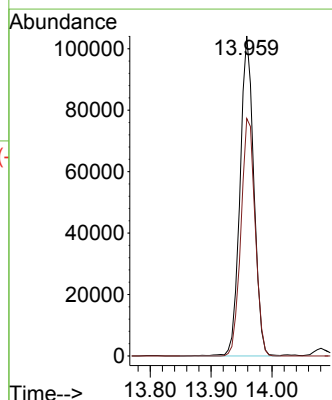
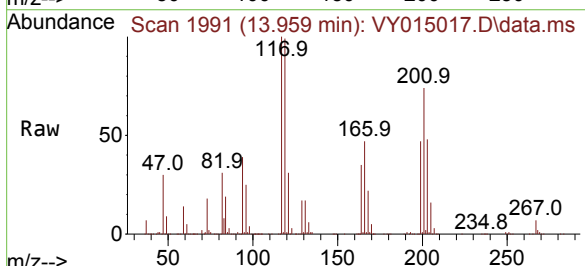
Acq: 09 Aug 2023 19:50

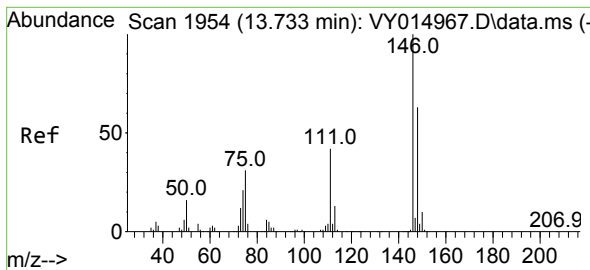
Tgt Ion: 117 Resp: 164163

Ion Ratio Lower Upper

117 100

201 76.2 41.6 124.8

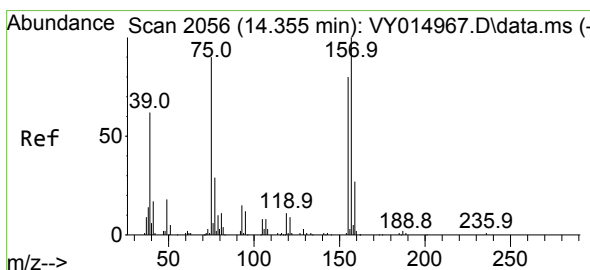
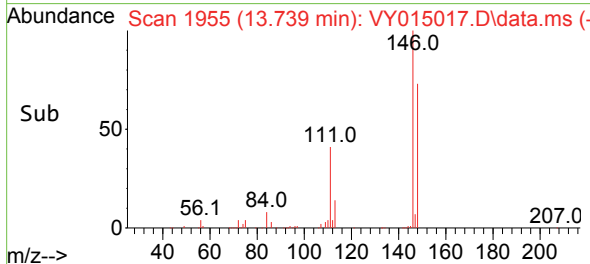
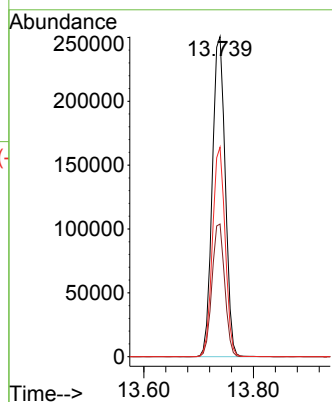
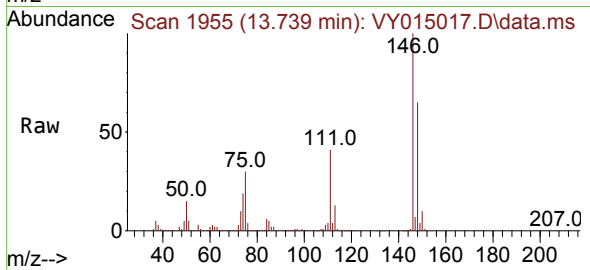




#91
1,2-Dichlorobenzene
Concen: 54.494 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

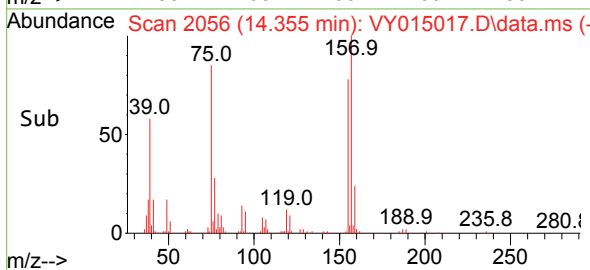
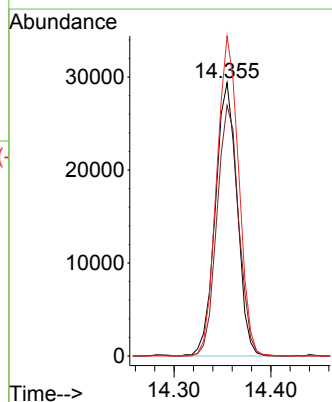
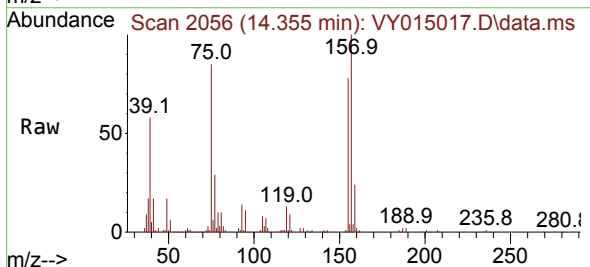
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

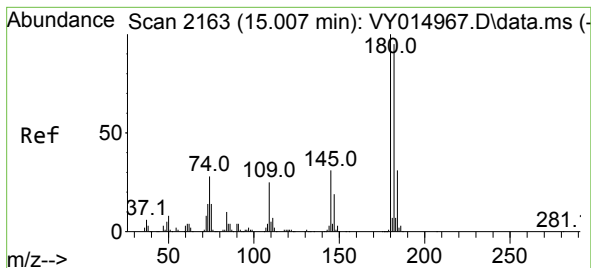
Tgt Ion:146 Resp: 407948
Ion Ratio Lower Upper
146 100
111 41.0 19.7 59.0
148 64.3 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.234 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY015017.D
Acq: 09 Aug 2023 19:50

Tgt Ion: 75 Resp: 45840
Ion Ratio Lower Upper
75 100
155 91.7 41.5 124.6
157 118.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 54.629 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY015017.D

Acq: 09 Aug 2023 19:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

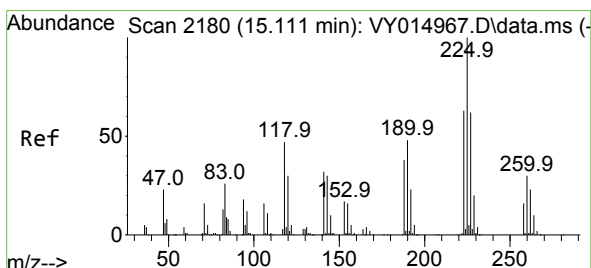
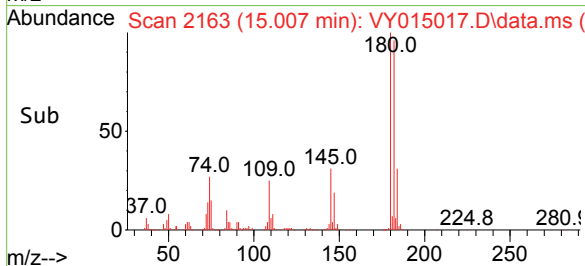
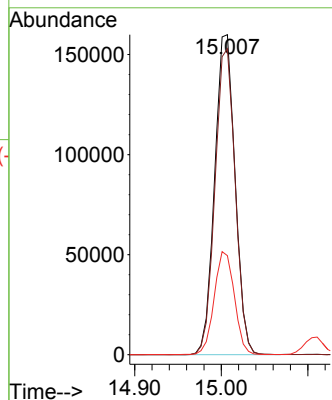
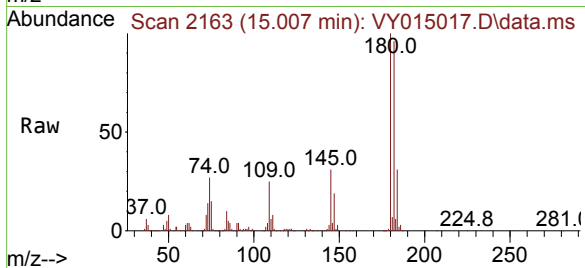
Tgt Ion:180 Resp: 261691

Ion Ratio Lower Upper

180 100

182 94.8 47.0 141.2

145 32.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 53.205 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015017.D

Acq: 09 Aug 2023 19:50

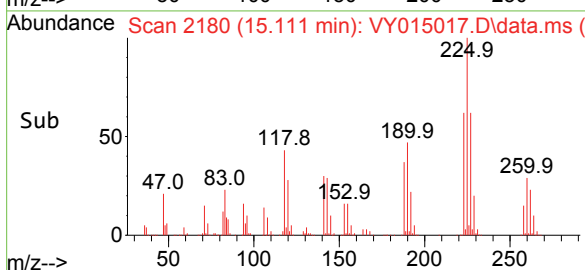
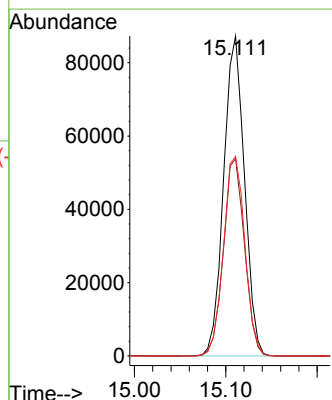
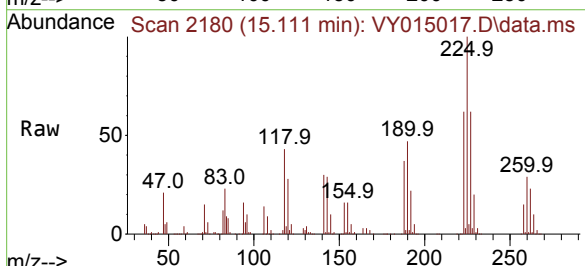
Tgt Ion:225 Resp: 138208

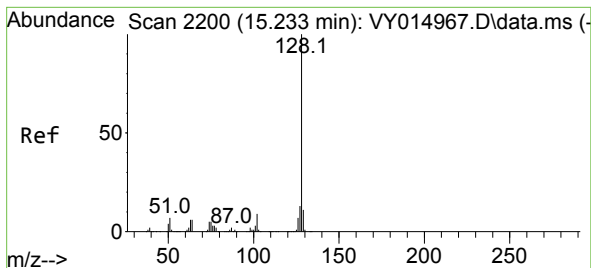
Ion Ratio Lower Upper

225 100

223 62.4 31.9 95.9

227 64.3 33.0 98.9





#95

Naphthalene

Concen: 83.046 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015017.D

Acq: 09 Aug 2023 19:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

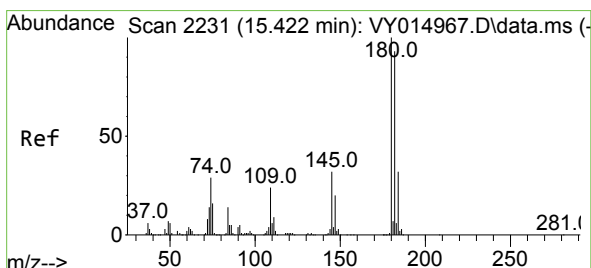
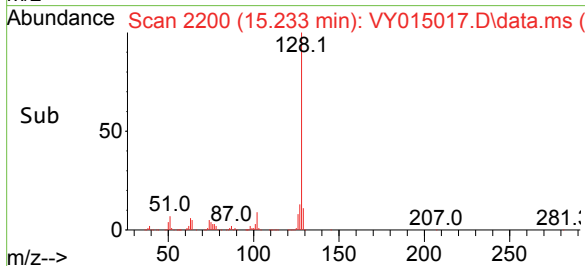
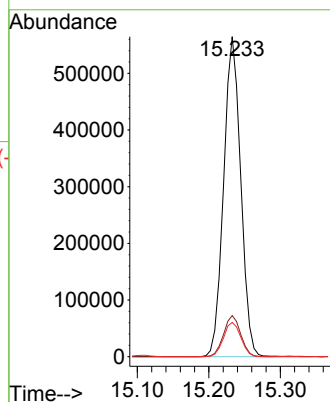
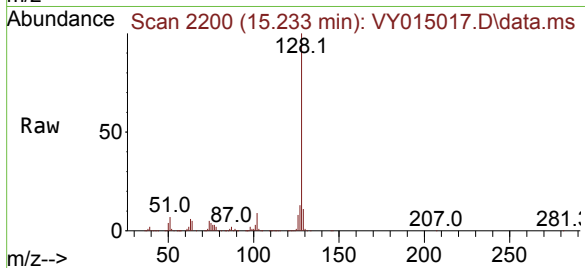
Tgt Ion:128 Resp: 936052

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 55.920 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015017.D

Acq: 09 Aug 2023 19:50

Tgt Ion:180 Resp: 242472

Ion Ratio Lower Upper

180 100

182 95.2 47.3 141.8

145 32.9 15.4 46.2

