

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015428.D
 Acq On : 01 Sep 2023 20:12
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Sep 01 23:46:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	154050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	274267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	254217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	93761	56.777	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.560%
35) Dibromofluoromethane	7.716	113	83929	53.129	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.260%
50) Toluene-d8	10.179	98	292825	51.186	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.380%
62) 4-Bromofluorobenzene	12.483	95	110885	52.212	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.420%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	60696	45.326	ug/l	98
3) Chloromethane	2.113	50	91596	51.504	ug/l	97
4) Vinyl Chloride	2.247	62	99884	48.254	ug/l	99
5) Bromomethane	2.643	94	83738	56.854	ug/l	96
6) Chloroethane	2.790	64	70445	51.775	ug/l	96
7) Trichlorofluoromethane	3.119	101	135425	46.251	ug/l	99
8) Diethyl Ether	3.527	74	54046	54.011	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.899	101	73806	45.479	ug/l	96
10) Methyl Iodide	4.088	142	91984	48.266	ug/l	97
11) Tert butyl alcohol	4.954	59	75816	202.834	ug/l #	83
12) 1,1-Dichloroethene	3.875	96	74709	48.786	ug/l	90
13) Acrolein	3.729	56	92260	203.376	ug/l	99
14) Allyl chloride	4.478	41	122930	50.419	ug/l	98
15) Acrylonitrile	5.161	53	166660	264.681	ug/l	99
16) Acetone	3.948	43	138362	200.733	ug/l	93
17) Carbon Disulfide	4.192	76	225885	49.340	ug/l	98
18) Methyl Acetate	4.478	43	164347	65.828	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	265625	53.369	ug/l	100
20) Methylene Chloride	4.716	84	103117	46.013	ug/l	93
21) trans-1,2-Dichloroethene	5.222	96	92053	52.202	ug/l	95
22) Diisopropyl ether	6.118	45	290731	54.521	ug/l	92
23) Vinyl Acetate	6.057	43	762878	226.588	ug/l	96
24) 1,1-Dichloroethane	6.015	63	162846	52.828	ug/l	97
25) 2-Butanone	6.984	43	238324	243.777	ug/l	99
26) 2,2-Dichloropropane	6.978	77	101724	38.853	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	108863	54.418	ug/l	93
28) Bromochloromethane	7.332	49	55278	58.477	ug/l	98
29) Tetrahydrofuran	7.350	42	158824	258.701	ug/l	93
30) Chloroform	7.508	83	174570	53.871	ug/l	94
31) Cyclohexane	7.783	56	130507	44.490	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	145829	50.383	ug/l	99
36) 1,1-Dichloropropene	7.917	75	123671	44.585	ug/l	99
37) Ethyl Acetate	7.076	43	96336	45.032	ug/l	96
38) Carbon Tetrachloride	7.899	117	129499	45.203	ug/l	98
39) Methylcyclohexane	9.185	83	142904	40.922	ug/l	95
40) Benzene	8.161	78	382166	49.383	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	142954	142.498	ug/l #	29
42) 1,2-Dichloroethane	8.234	62	124614	48.289	ug/l	95
43) Isopropyl Acetate	8.270	43	174103	47.064	ug/l	97
44) Trichloroethene	8.941	130	107093	48.910	ug/l	98
45) 1,2-Dichloropropane	9.215	63	98288	50.381	ug/l	96
46) Dibromomethane	9.307	93	63389	48.915	ug/l	96
47) Bromodichloromethane	9.496	83	137993	49.793	ug/l	97
48) Methyl methacrylate	9.295	41	80475	47.414	ug/l	92
49) 1,4-Dioxane	9.295	88	21434	890.459	ug/l #	58
51) 4-Methyl-2-Pentanone	10.069	43	521364	242.480	ug/l	94
52) Toluene	10.246	92	241776	48.744	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	132968	45.147	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	147154	45.931	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	86526	49.554	ug/l	98
56) Ethyl methacrylate	10.508	69	126556	48.910	ug/l	90
57) 1,3-Dichloropropane	10.788	76	149708	49.808	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	225024	243.642	ug/l	95
59) 2-Hexanone	10.831	43	372888	231.127	ug/l	92
60) Dibromochloromethane	10.983	129	103358	50.573	ug/l	99
61) 1,2-Dibromoethane	11.087	107	88289	49.901	ug/l	99
64) Tetrachloroethene	10.721	164	124906	54.132	ug/l	98
65) Chlorobenzene	11.514	112	264218	48.232	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	99325	49.537	ug/l	99
67) Ethyl Benzene	11.593	91	463219	47.091	ug/l	98
68) m/p-Xylenes	11.703	106	360068	94.436	ug/l	96
69) o-Xylene	12.026	106	176705	48.494	ug/l	97
70) Styrene	12.044	104	306903	50.091	ug/l	97
71) Bromoform	12.209	173	69886	49.966	ug/l #	99
73) Isopropylbenzene	12.331	105	447959	46.804	ug/l	100
74) N-amyl acetate	12.142	43	143543	44.641	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	106971	46.819	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	141311	83.630	ug/l #	100
77) Bromobenzene	12.611	156	110782	48.871	ug/l	97
78) n-propylbenzene	12.672	91	538502	46.498	ug/l	100
79) 2-Chlorotoluene	12.757	91	313372	48.243	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	374138	46.735	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	29853	38.972	ug/l	98
82) 4-Chlorotoluene	12.855	91	324436	48.058	ug/l	99
83) tert-Butylbenzene	13.075	119	315996	45.067	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	382639	48.140	ug/l	99
85) sec-Butylbenzene	13.251	105	469336	44.877	ug/l	100
86) p-Isopropyltoluene	13.367	119	392251	44.750	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	216262	48.325	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	215473	47.632	ug/l	99
89) n-Butylbenzene	13.696	91	359546	43.581	ug/l	97
90) Hexachloroethane	13.958	117	74283	47.384	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	200032	48.979	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21364	47.269	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	118246	46.104	ug/l	98
94) Hexachlorobutadiene	15.111	225	54359	38.868	ug/l	98
95) Naphthalene	15.233	128	305947	48.156	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	109967	47.006	ug/l	99

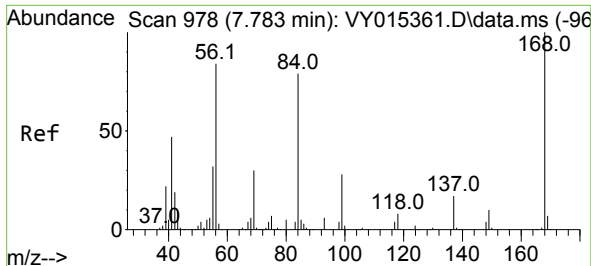
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Response via : Initial Calibration

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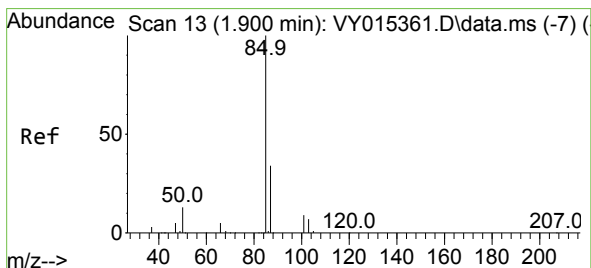
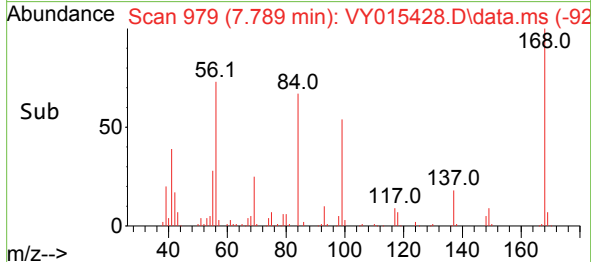
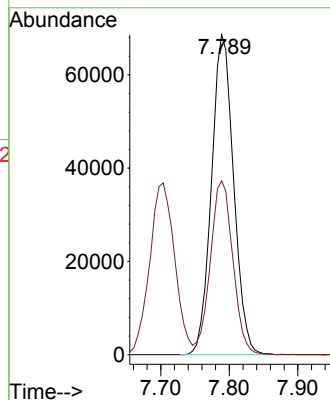
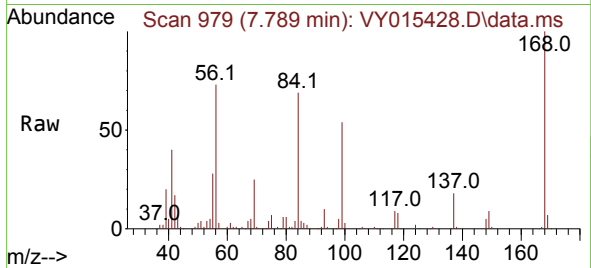
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

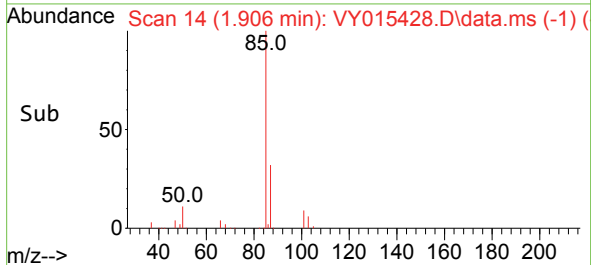
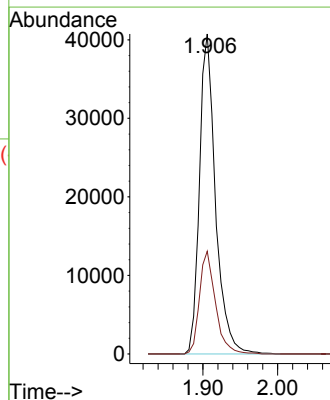
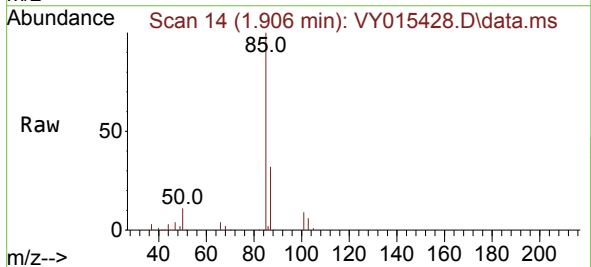
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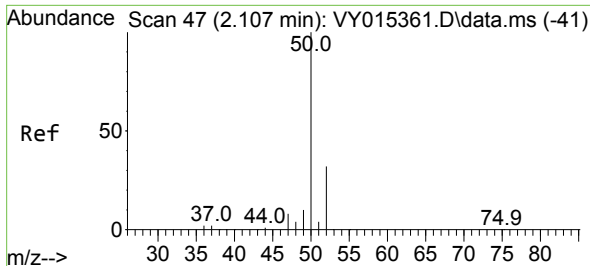
Tgt Ion:168 Resp: 154050
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 45.326 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

Tgt Ion: 85 Resp: 60696
Ion Ratio Lower Upper
85 100
87 32.1 15.6 46.8

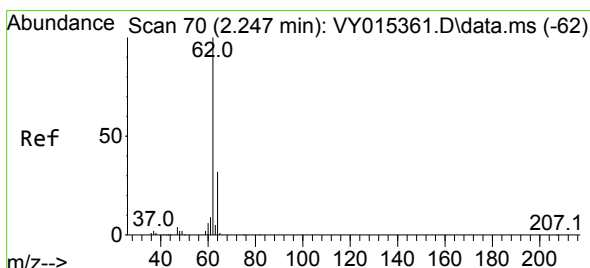
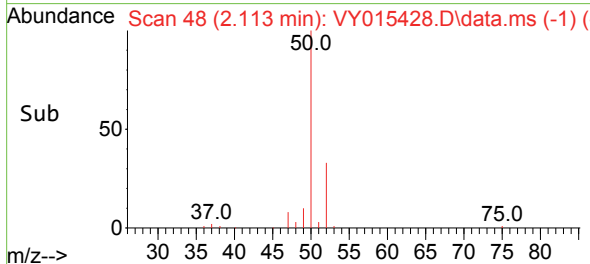
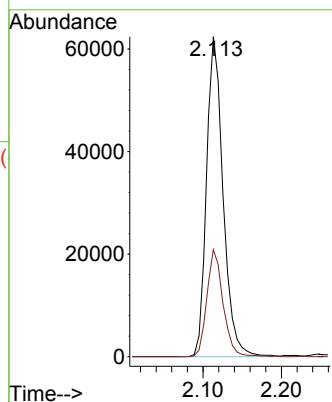
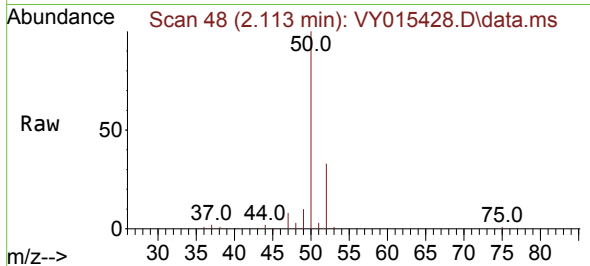




#3
Chloromethane
Concen: 51.504 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

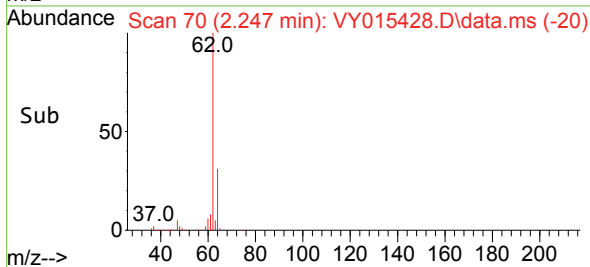
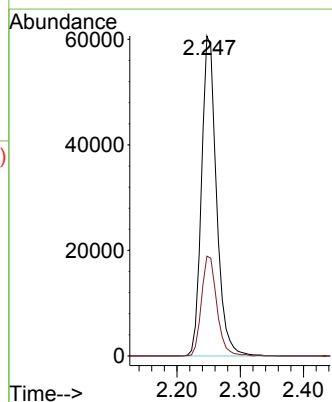
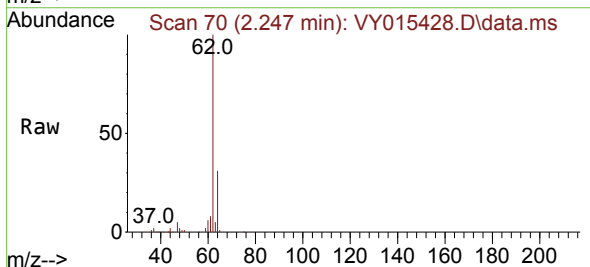
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MSVOA_Y
ClientSampleId :
VSTDCCC050EC

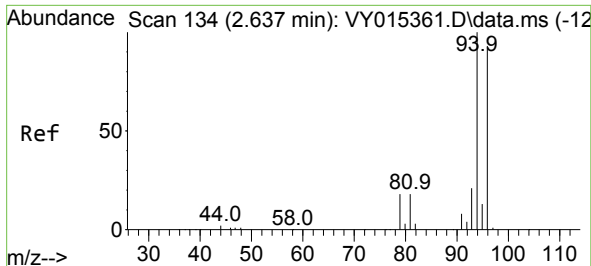
Tgt Ion: 50 Resp: 91596
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.2



#4
Vinyl Chloride
Concen: 48.254 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

Tgt Ion: 62 Resp: 99884
Ion Ratio Lower Upper
62 100
64 31.2 24.3 36.5





#5

Bromomethane

Concen: 56.854 ug/l

RT: 2.643 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015428.D

Acq: 01 Sep 2023 20:12

Instrument :

MSVOA_Y

ClientSampleId :

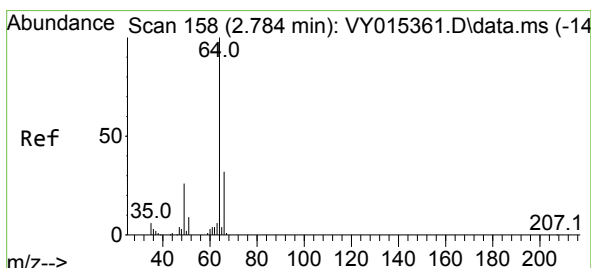
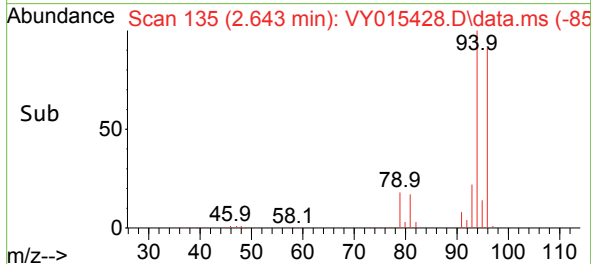
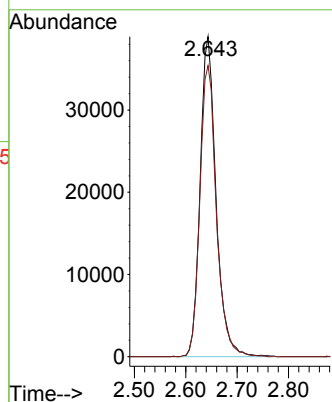
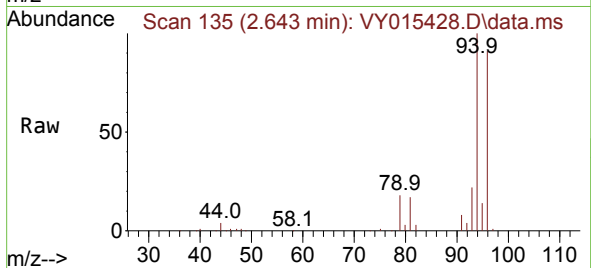
VSTDCCC050EC

Tgt Ion: 94 Resp: 83738

Ion Ratio Lower Upper

94 100

96 90.9 75.8 113.6



#6

Chloroethane

Concen: 51.775 ug/l

RT: 2.790 min Scan# 159

Delta R.T. 0.006 min

Lab File: VY015428.D

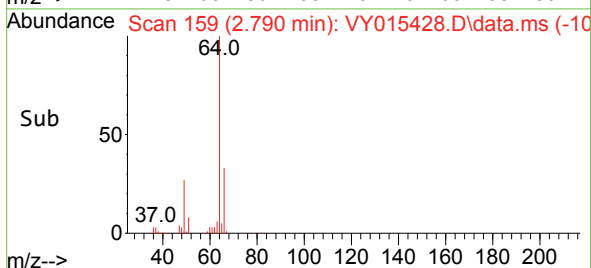
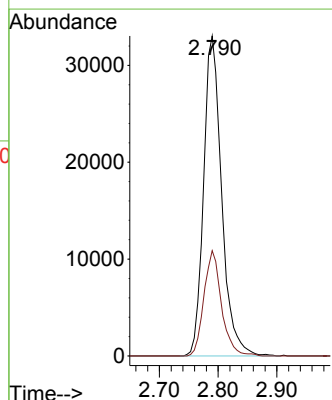
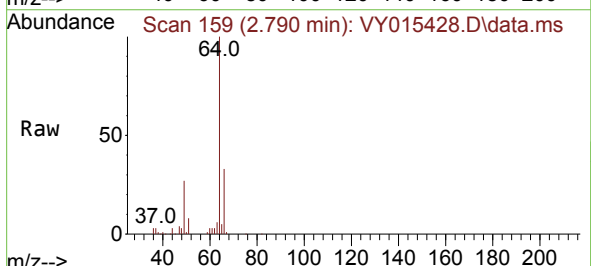
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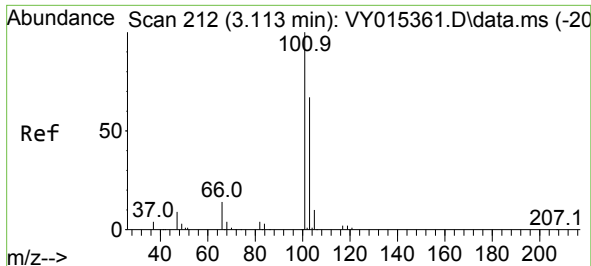
Tgt Ion: 64 Resp: 70445

Ion Ratio Lower Upper

64 100

66 32.9 24.4 36.6

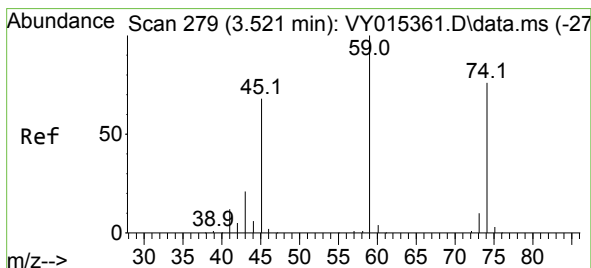
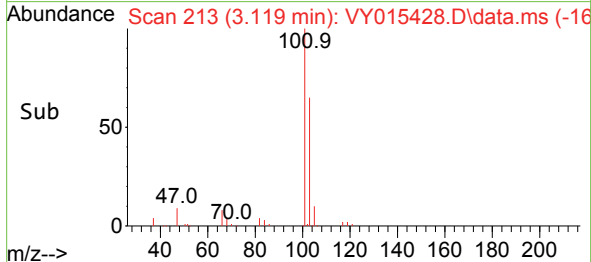
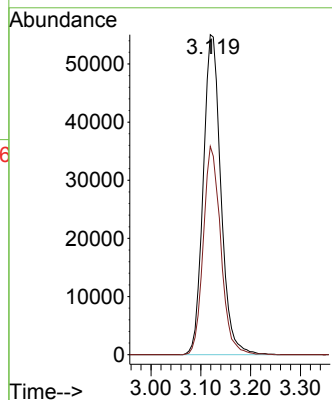
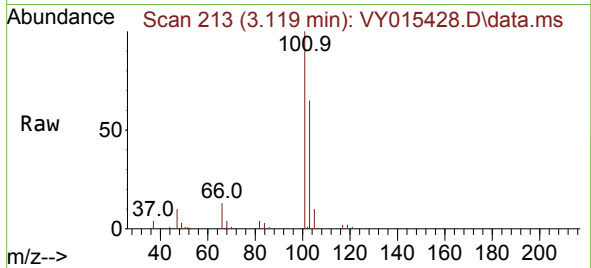




#7
 Trichlorofluoromethane
 Concen: 46.251 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VY015428.D
 Acq: 01 Sep 2023 20:12

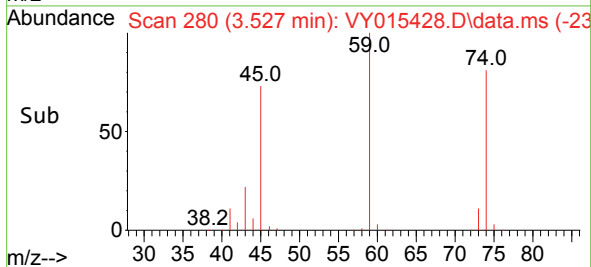
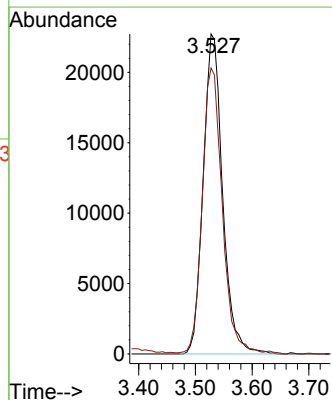
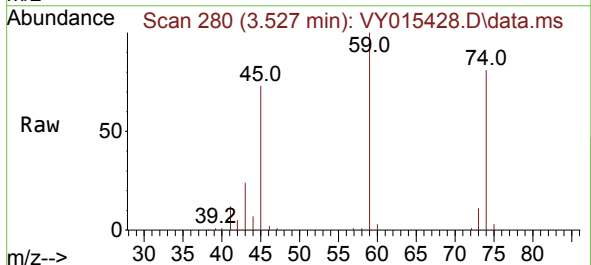
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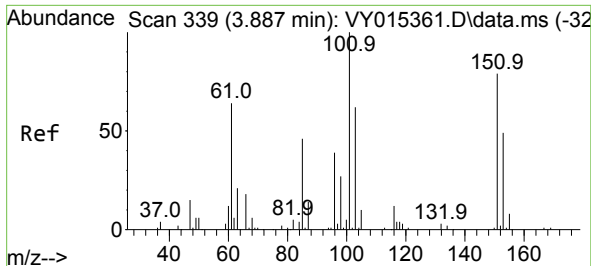
Tgt Ion:101 Resp: 135425
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.4 77.0



#8
 Diethyl Ether
 Concen: 54.011 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY015428.D
 Acq: 01 Sep 2023 20:12

Tgt Ion: 74 Resp: 54046
 Ion Ratio Lower Upper
 74 100
 45 91.0 51.5 154.5

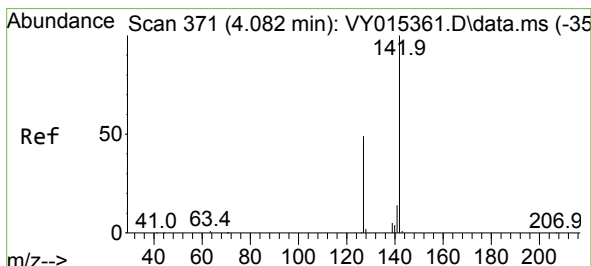
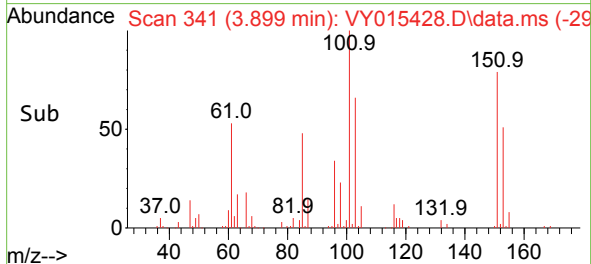
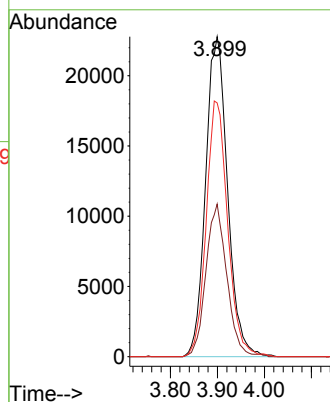
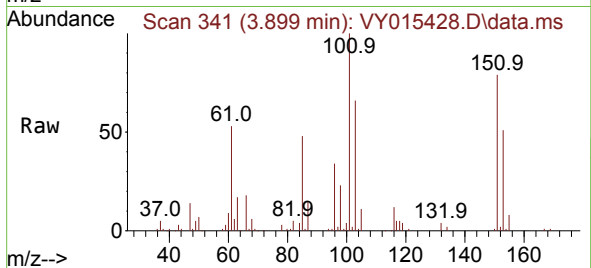




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.479 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY015428.D
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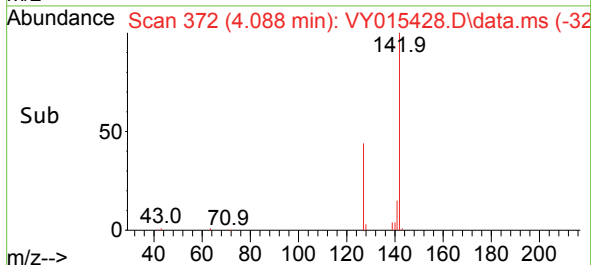
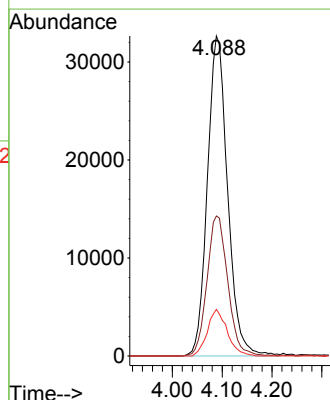
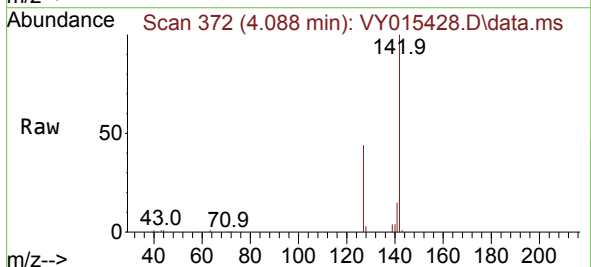
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

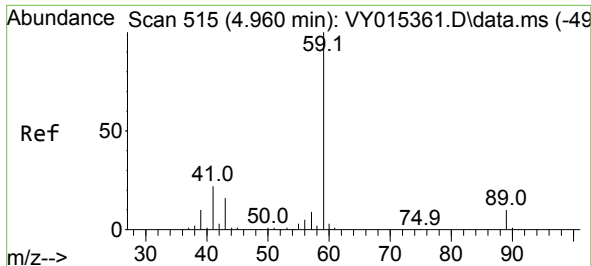
Tgt Ion:101 Resp: 73806
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 78.1 67.0 100.6



#10
Methyl Iodide
Concen: 48.266 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

Tgt Ion:142 Resp: 91984
Ion Ratio Lower Upper
142 100
127 44.9 37.6 56.4
141 14.3 11.8 17.8





#11

Tert butyl alcohol

Concen: 202.834 ug/l

RT: 4.954 min Scan# 515

Delta R.T. 0.000 min

Lab File: VY015428.D

Acq: 01 Sep 2023 20:12

Instrument :

MSVOA_Y

ClientSampleId :

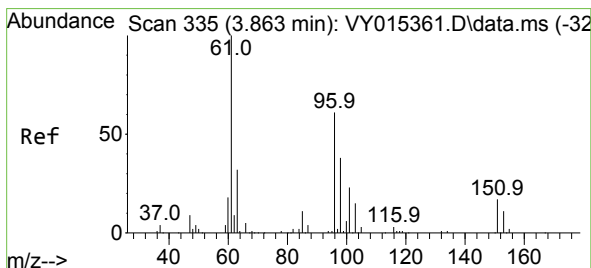
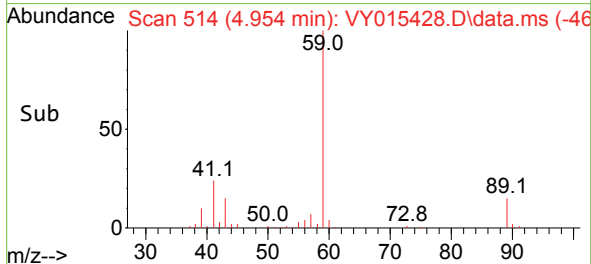
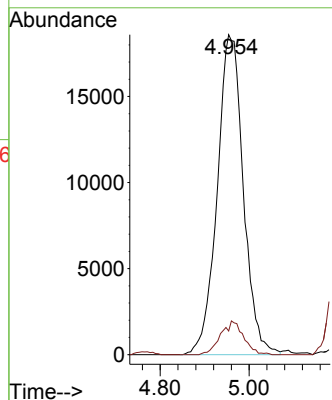
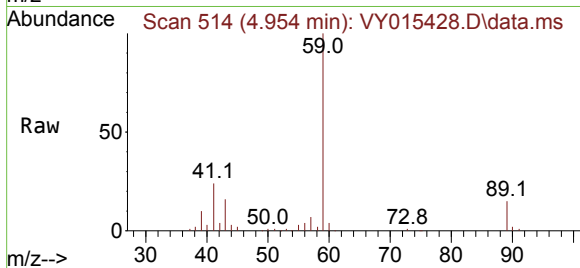
VSTDCCC050EC

Tgt Ion: 59 Resp: 75816

Ion Ratio Lower Upper

59 100

57 9.3 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 48.786 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.012 min

Lab File: VY015428.D

Acq: 01 Sep 2023 20:12

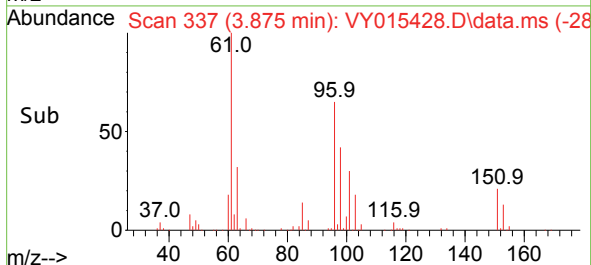
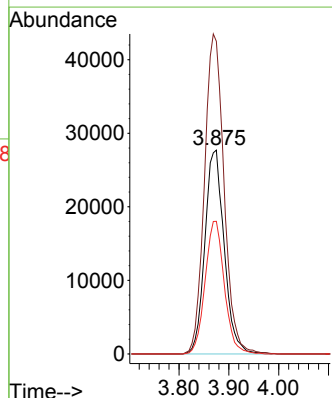
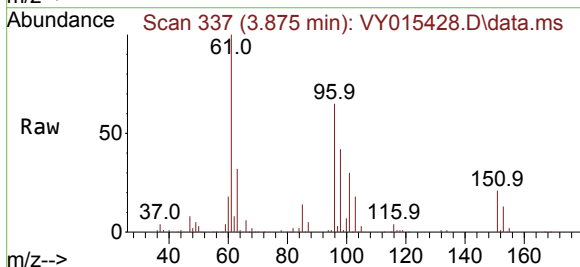
Tgt Ion: 96 Resp: 74709

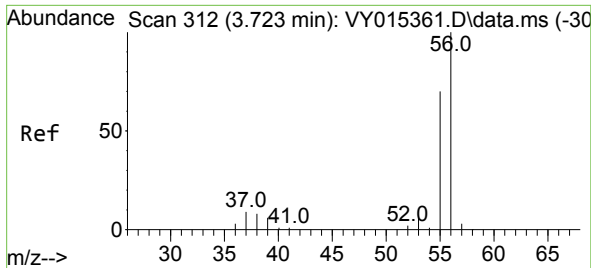
Ion Ratio Lower Upper

96 100

61 153.4 136.4 204.6

98 65.1 49.4 74.2

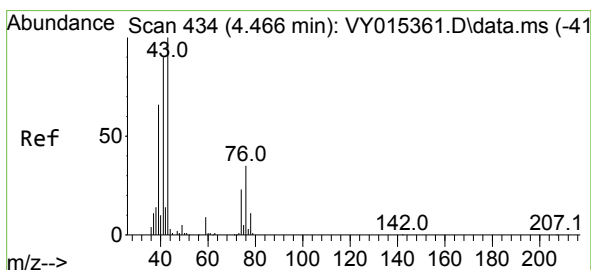
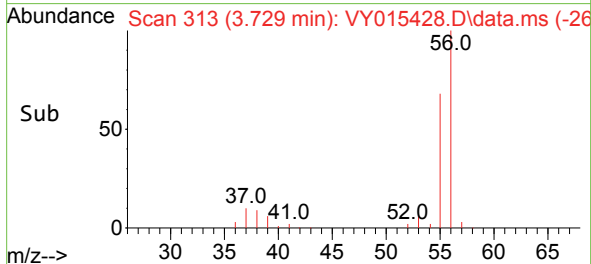
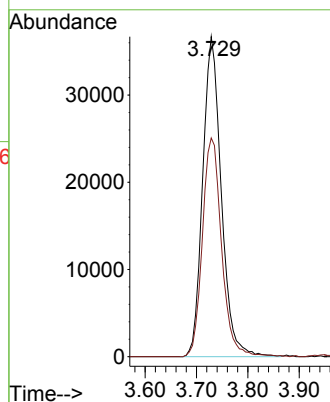
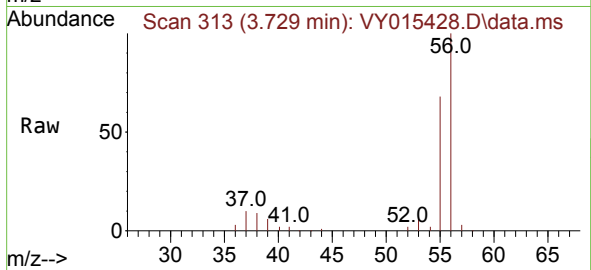




#13
Acrolein
Concen: 203.376 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

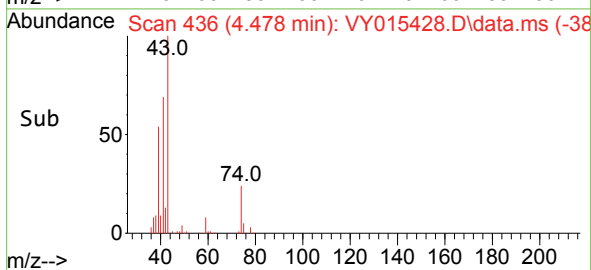
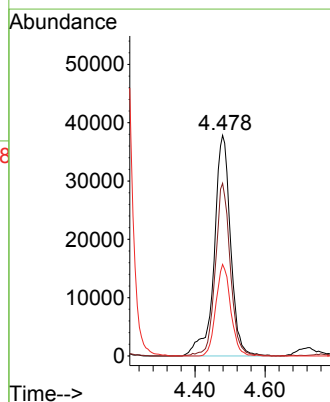
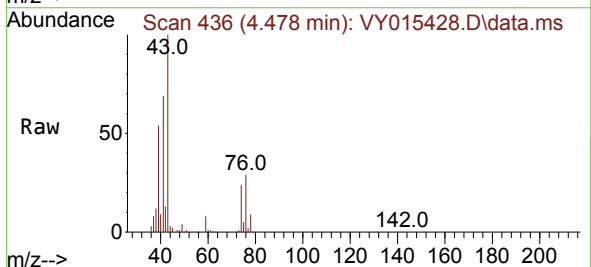
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

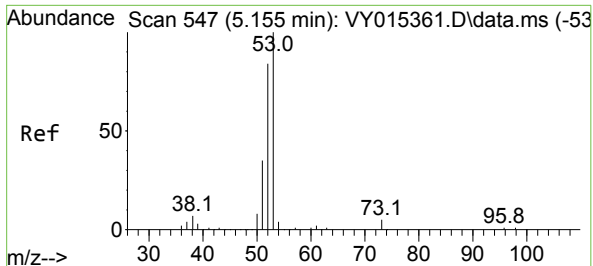
Tgt Ion: 56 Resp: 92260
Ion Ratio Lower Upper
56 100
55 70.5 57.0 85.4



#14
Allyl chloride
Concen: 50.419 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

Tgt Ion: 41 Resp: 122930
Ion Ratio Lower Upper
41 100
39 71.6 58.0 87.0
76 37.4 27.4 41.2

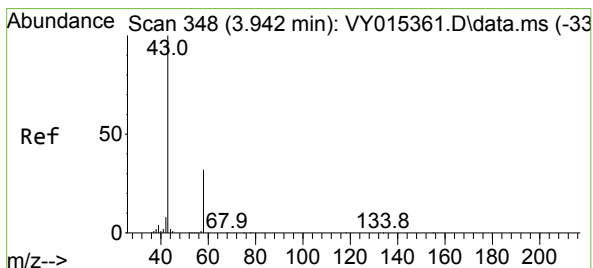
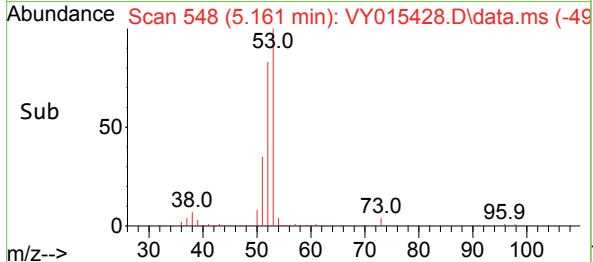
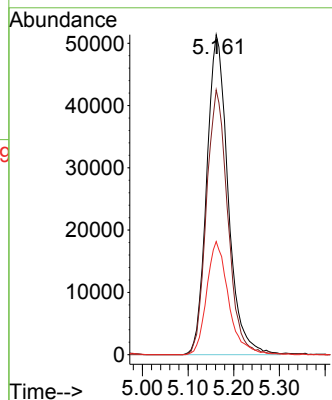
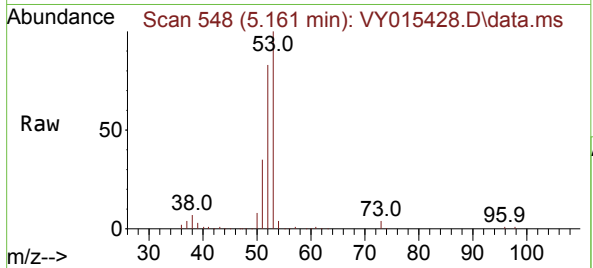




#15
Acrylonitrile
Concen: 264.681 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

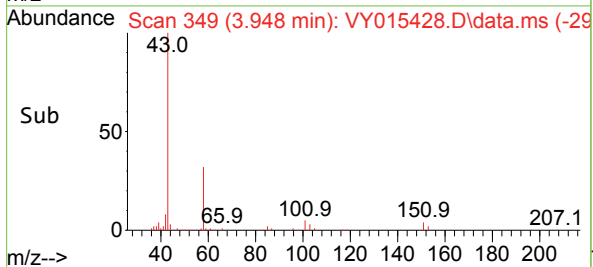
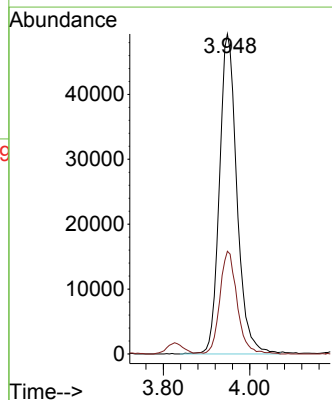
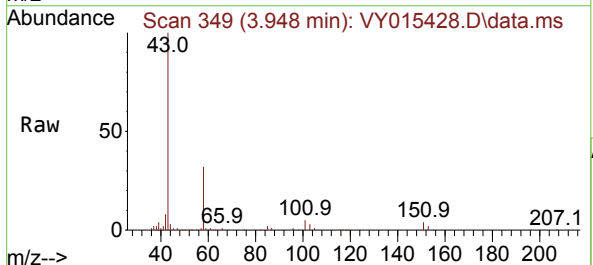
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

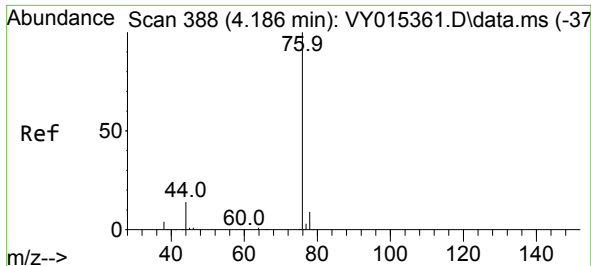
Tgt Ion: 53 Resp: 166660
Ion Ratio Lower Upper
53 100
52 82.8 66.9 100.3
51 36.3 29.8 44.6



#16
Acetone
Concen: 200.733 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

Tgt Ion: 43 Resp: 138362
Ion Ratio Lower Upper
43 100
58 32.1 22.7 34.1

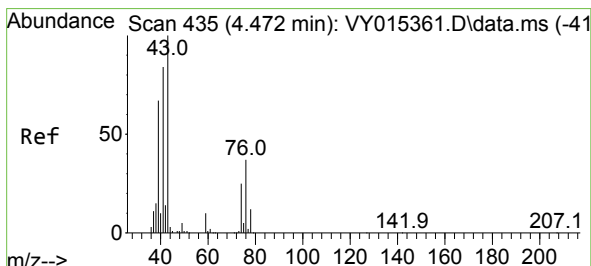
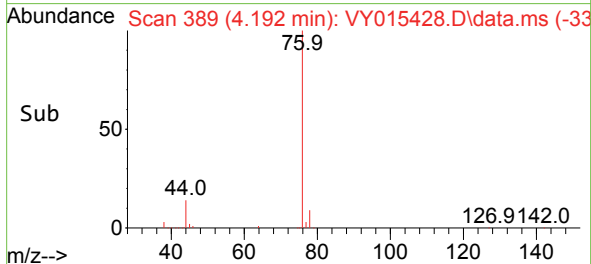
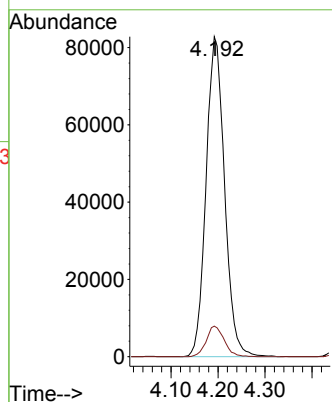
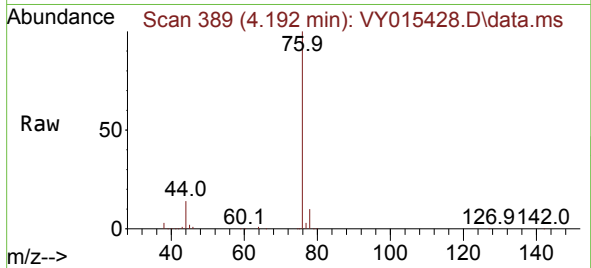




#17
Carbon Disulfide
Concen: 49.340 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

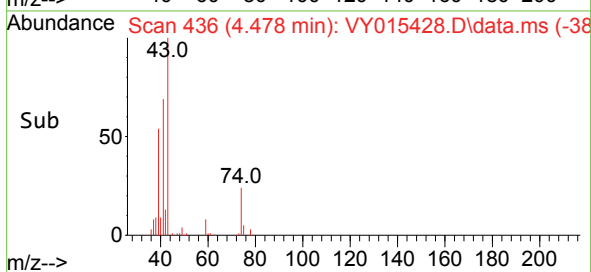
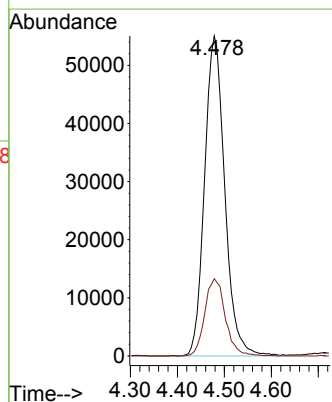
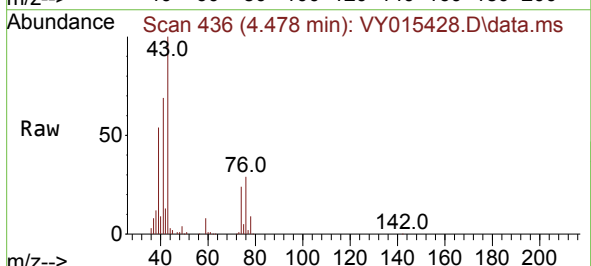
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

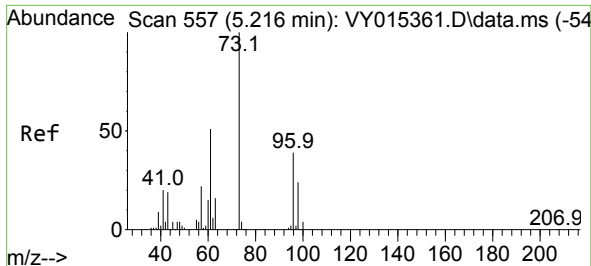
Tgt Ion: 76 Resp: 225885
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4



#18
Methyl Acetate
Concen: 65.828 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

Tgt Ion: 43 Resp: 164347
Ion Ratio Lower Upper
43 100
74 24.6 17.4 26.0

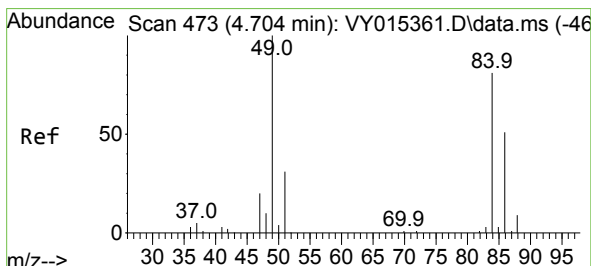
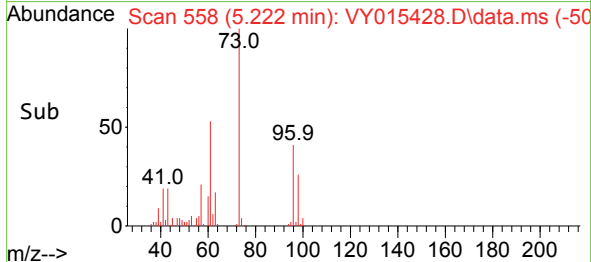
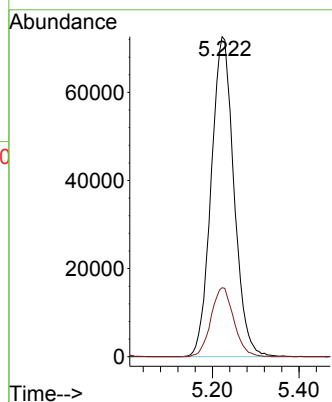
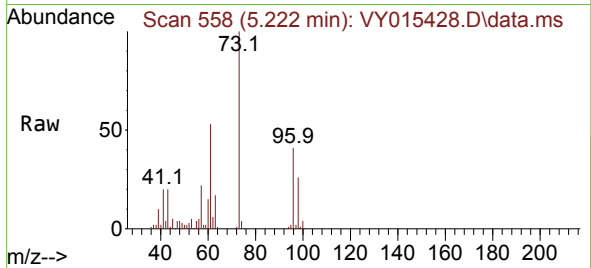




#19
Methyl tert-butyl Ether
Concen: 53.369 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

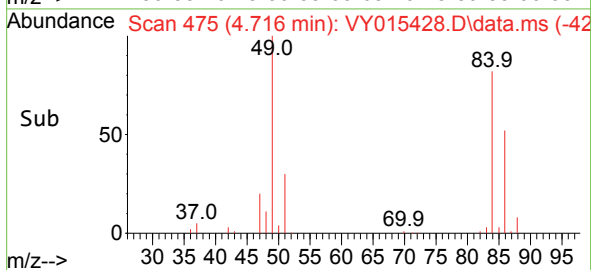
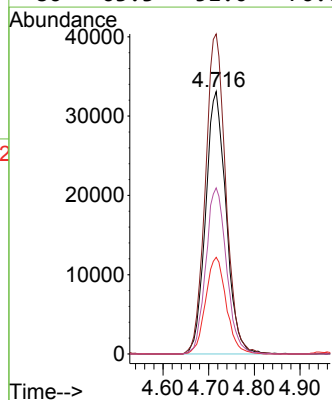
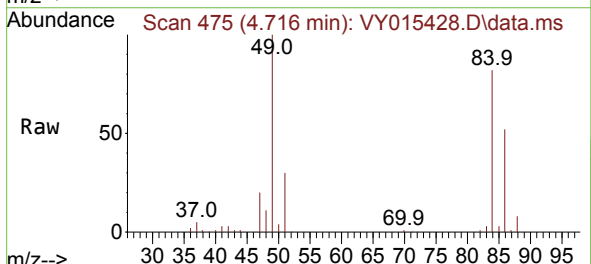
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

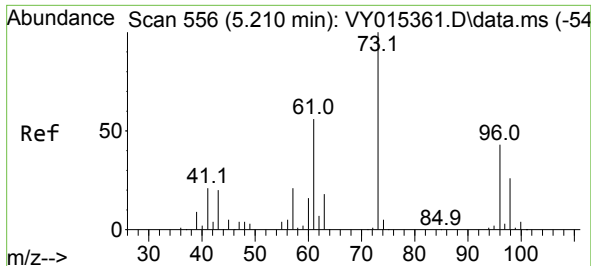
Tgt Ion: 73 Resp: 265625
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 46.013 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

Tgt Ion: 84 Resp: 103117
Ion Ratio Lower Upper
84 100
49 121.9 106.9 160.3
51 36.8 33.2 49.8
86 63.3 51.0 76.6

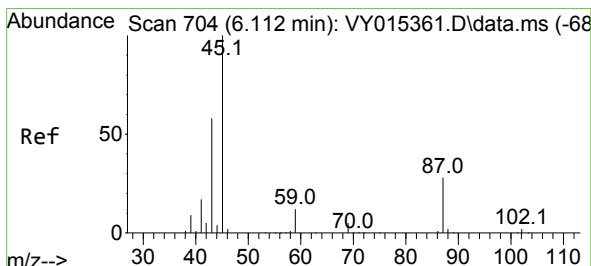
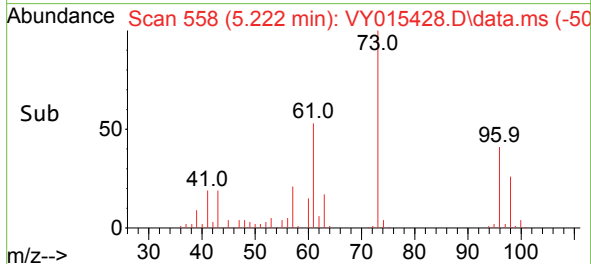
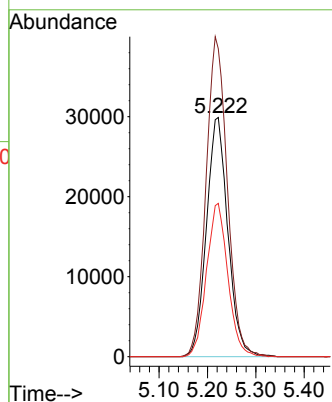
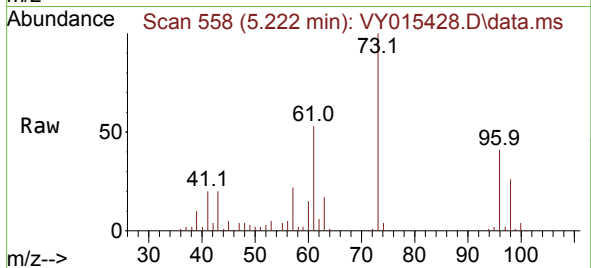




#21
trans-1,2-Dichloroethene
Concen: 52.202 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

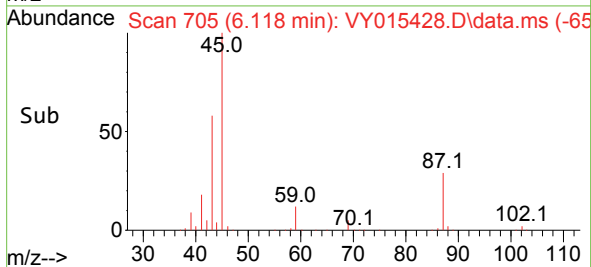
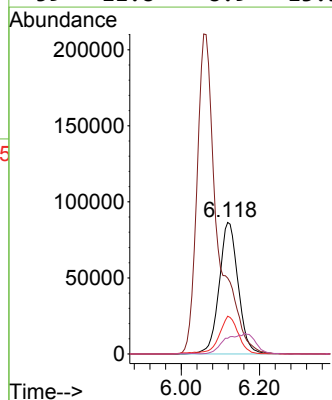
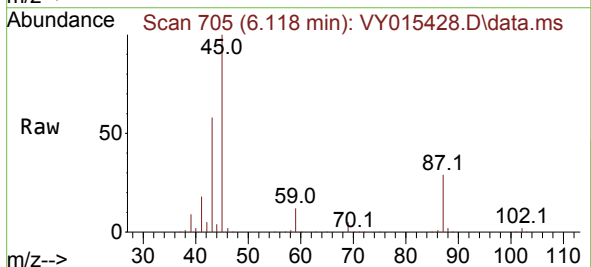
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

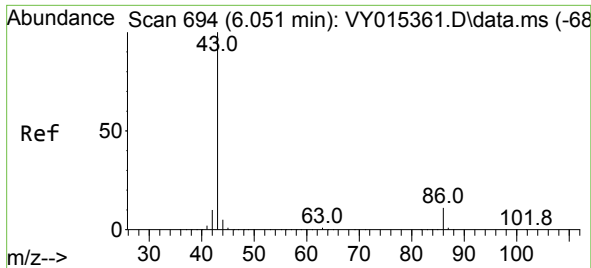
Tgt Ion: 96 Resp: 92053
Ion Ratio Lower Upper
96 100
61 128.8 110.2 165.4
98 64.1 51.8 77.6



#22
Diisopropyl ether
Concen: 54.521 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

Tgt Ion: 45 Resp: 290731
Ion Ratio Lower Upper
45 100
43 57.3 52.2 78.4
87 28.7 21.0 31.6
59 11.8 8.9 13.3





#23

Vinyl Acetate

Concen: 226.588 ug/l

RT: 6.057 min Scan# 694

Delta R.T. 0.006 min

Lab File: VY015428.D

Acq: 01 Sep 2023 20:12

Instrument :

MSVOA_Y

ClientSampleId :

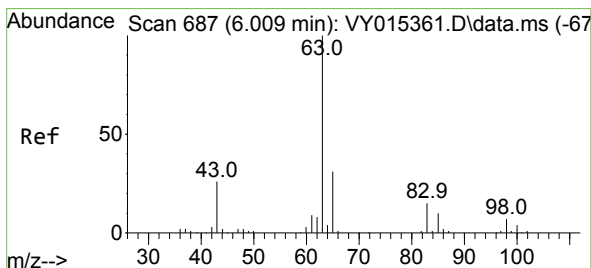
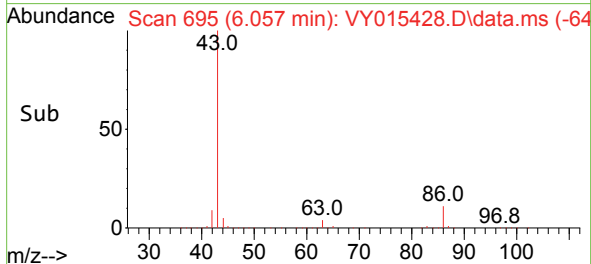
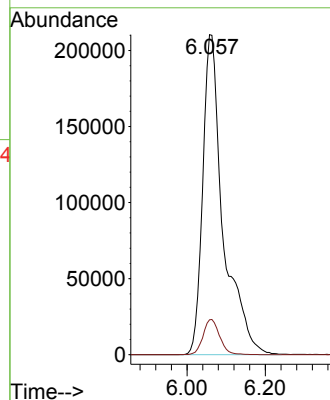
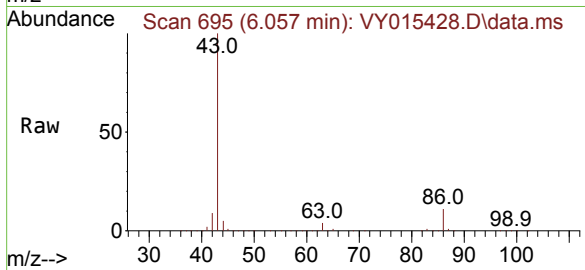
VSTDCCC050EC

Tgt Ion: 43 Resp: 762878

Ion Ratio Lower Upper

43 100

86 10.9 7.5 11.3



#24

1,1-Dichloroethane

Concen: 52.828 ug/l

RT: 6.015 min Scan# 688

Delta R.T. 0.012 min

Lab File: VY015428.D

Acq: 01 Sep 2023 20:12

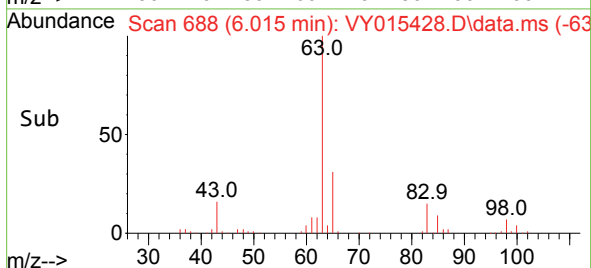
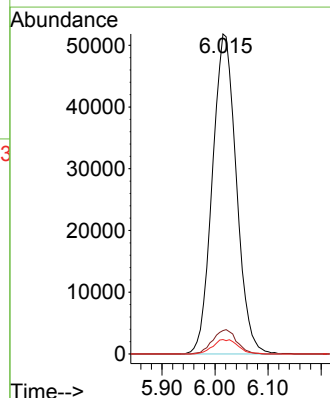
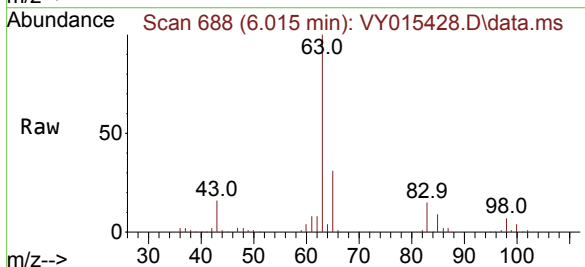
Tgt Ion: 63 Resp: 162846

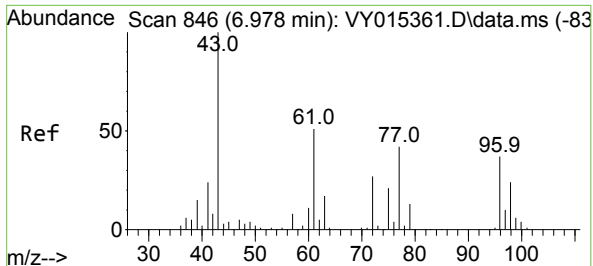
Ion Ratio Lower Upper

63 100

98 7.3 3.1 9.4

100 4.5 1.8 5.5





#25

2-Butanone

Concen: 243.777 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015428.D

Acq: 01 Sep 2023 20:12

Instrument :

MSVOA_Y

ClientSampleId :

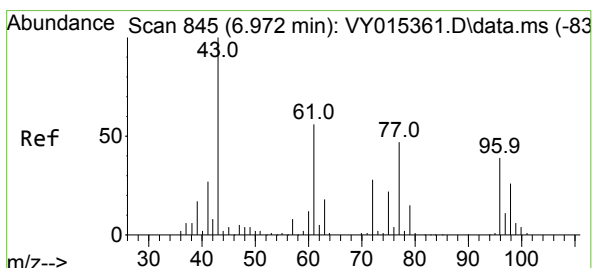
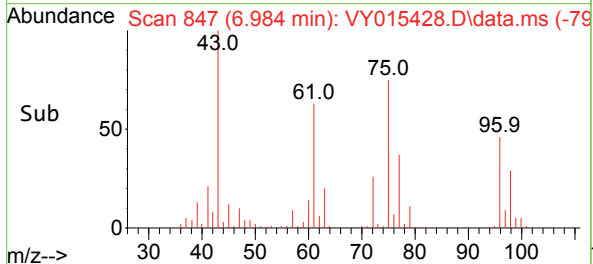
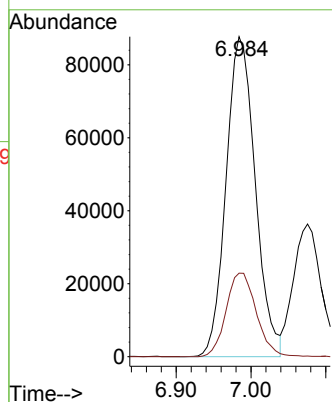
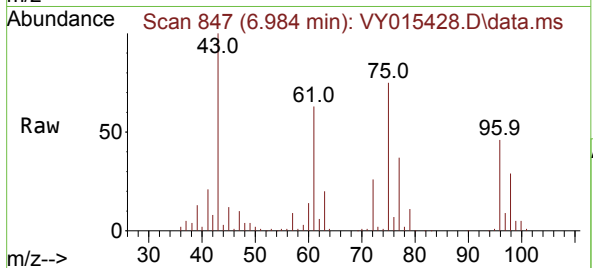
VSTDCCC050EC

Tgt Ion: 43 Resp: 238324

Ion Ratio Lower Upper

43 100

72 26.1 20.5 30.7



#26

2,2-Dichloropropane

Concen: 38.853 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY015428.D

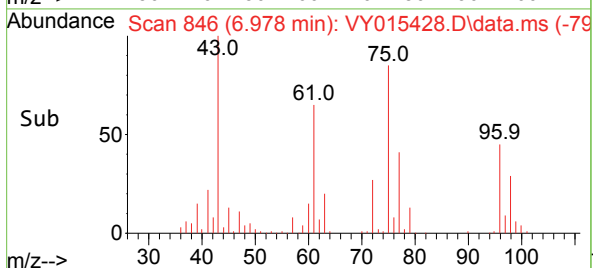
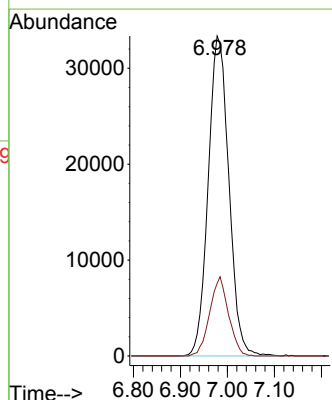
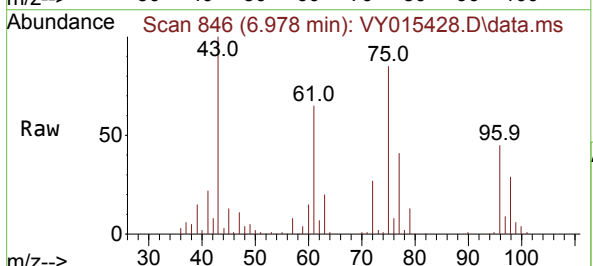
Acq: 01 Sep 2023 20:12

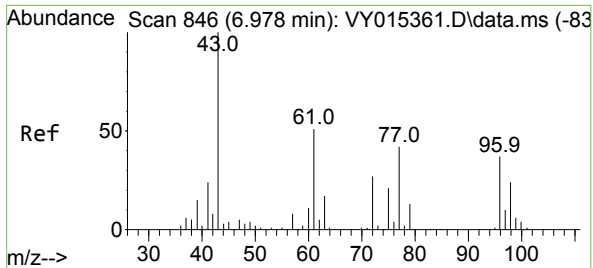
Tgt Ion: 77 Resp: 101724

Ion Ratio Lower Upper

77 100

97 22.6 10.9 32.9

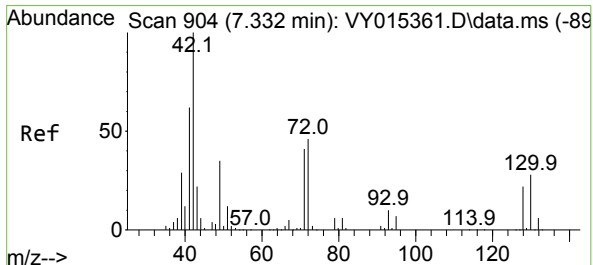
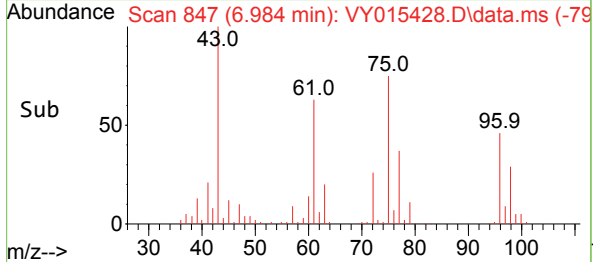
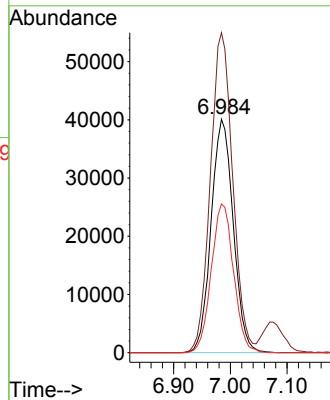
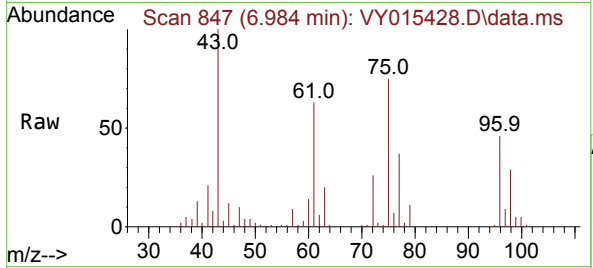




#27
 cis-1,2-Dichloroethene
 Concen: 54.418 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY015428.D
 Acq: 01 Sep 2023 20:12

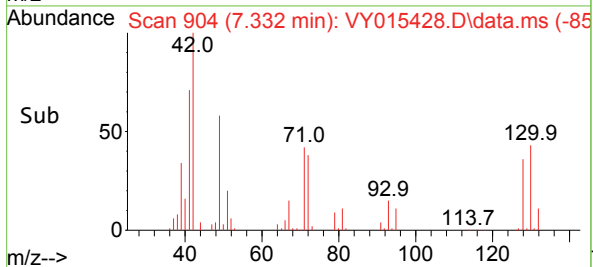
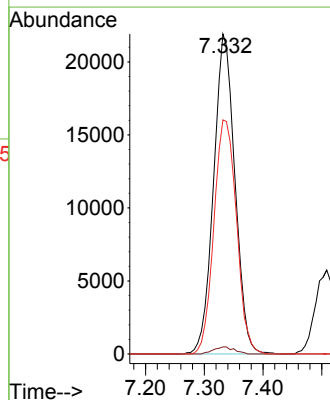
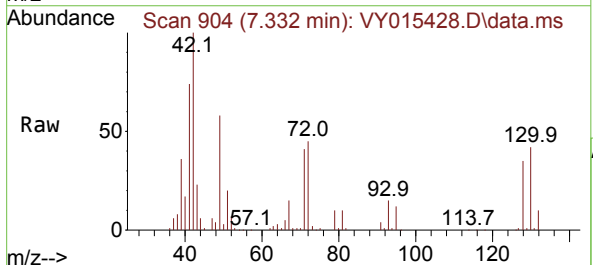
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

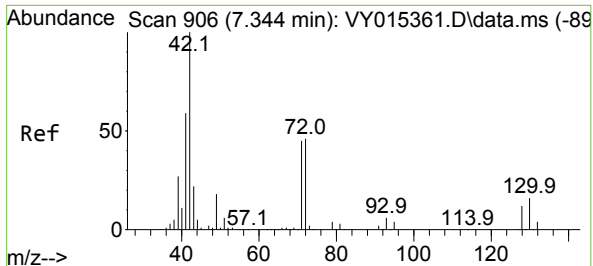
Tgt Ion: 96 Resp: 108863
 Ion Ratio Lower Upper
 96 100
 61 138.5 0.0 301.4
 98 64.0 0.0 130.4



#28
 Bromochloromethane
 Concen: 58.477 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY015428.D
 Acq: 01 Sep 2023 20:12

Tgt Ion: 49 Resp: 55278
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 77.3 60.7 91.1





#29

Tetrahydrofuran

Concen: 258.701 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015428.D

Acq: 01 Sep 2023 20:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

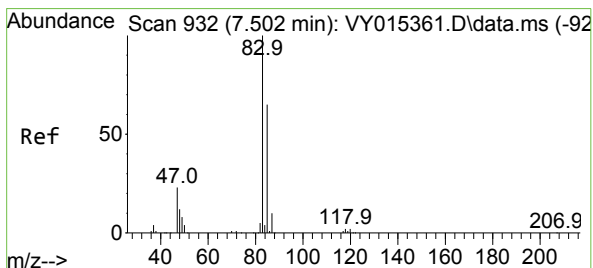
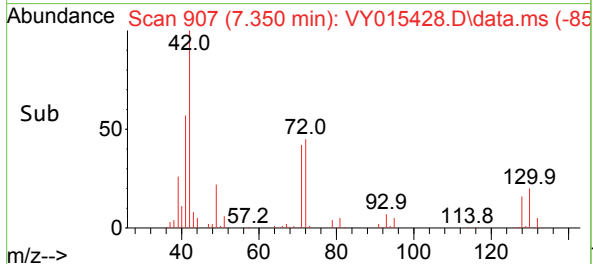
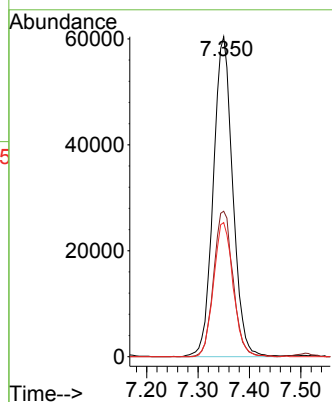
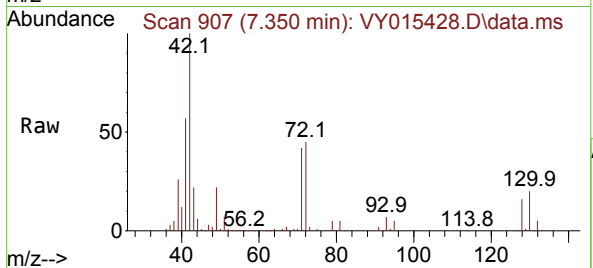
Tgt Ion: 42 Resp: 158824

Ion Ratio Lower Upper

42 100

72 45.5 32.8 49.2

71 42.3 31.0 46.4



#30

Chloroform

Concen: 53.871 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.012 min

Lab File: VY015428.D

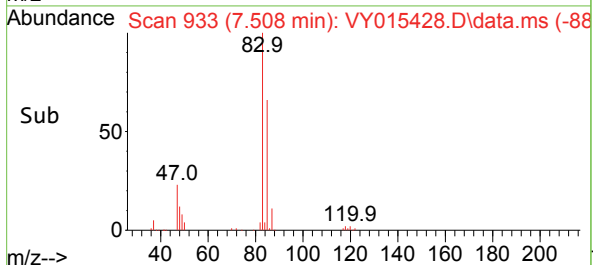
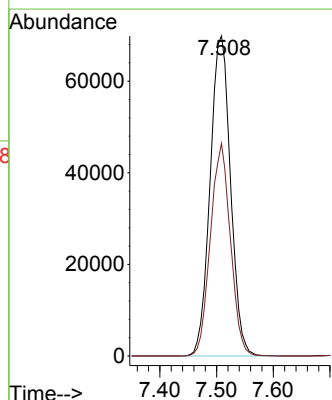
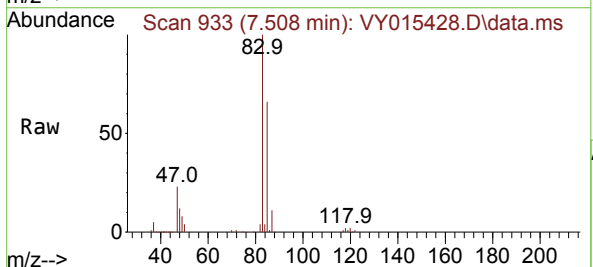
Acq: 01 Sep 2023 20:12

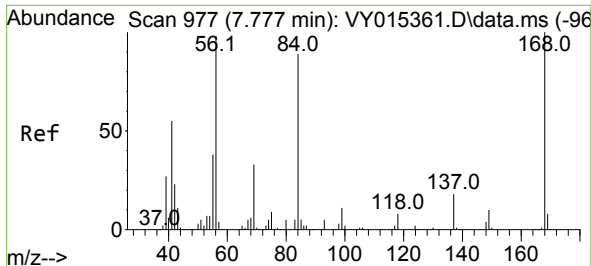
Tgt Ion: 83 Resp: 174570

Ion Ratio Lower Upper

83 100

85 66.5 49.7 74.5





#31

Cyclohexane

Concen: 44.490 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY015428.D

Acq: 01 Sep 2023 20:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

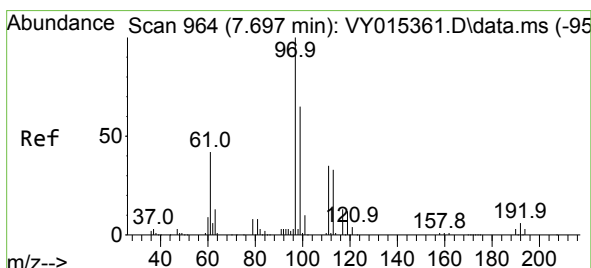
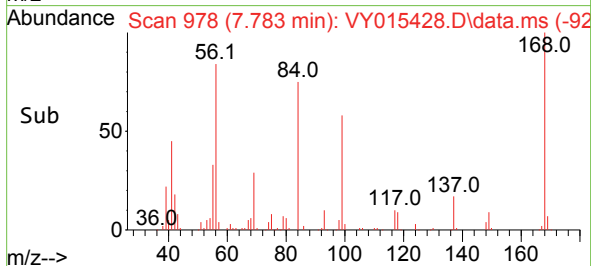
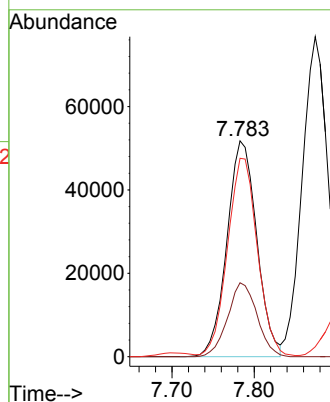
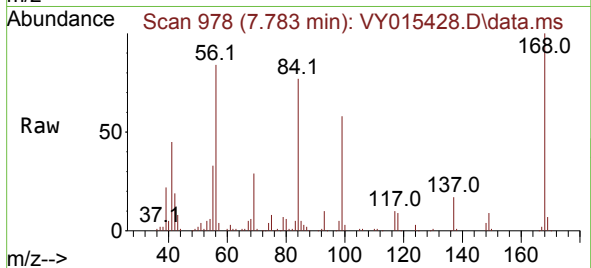
Tgt Ion: 56 Resp: 130507

Ion Ratio Lower Upper

56 100

69 34.3 27.8 41.6

84 90.3 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 50.383 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.012 min

Lab File: VY015428.D

Acq: 01 Sep 2023 20:12

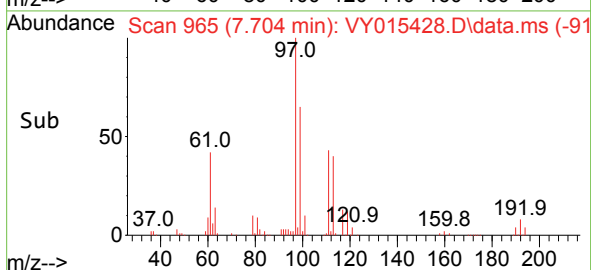
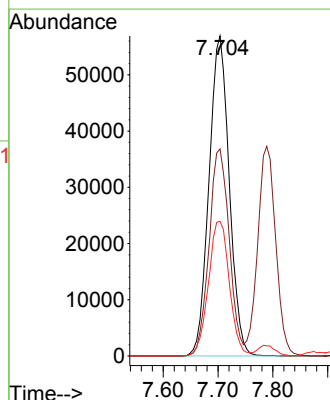
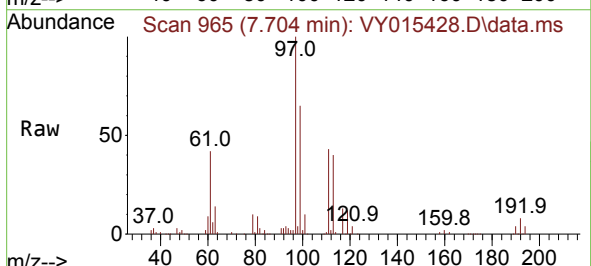
Tgt Ion: 97 Resp: 145829

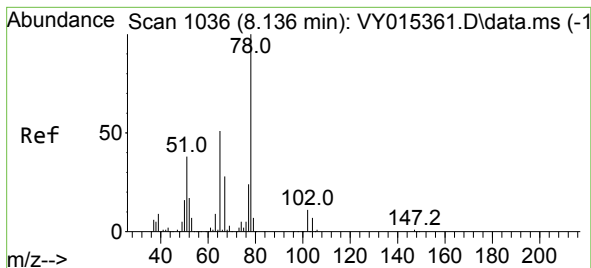
Ion Ratio Lower Upper

97 100

99 64.4 50.8 76.2

61 43.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 56.777 ug/l

RT: 8.142 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VY015428.D

Acq: 01 Sep 2023 20:12

Instrument :

MSVOA_Y

ClientSampleId :

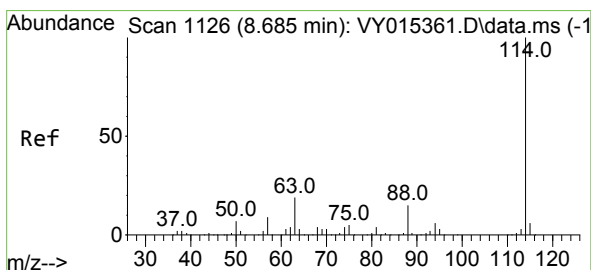
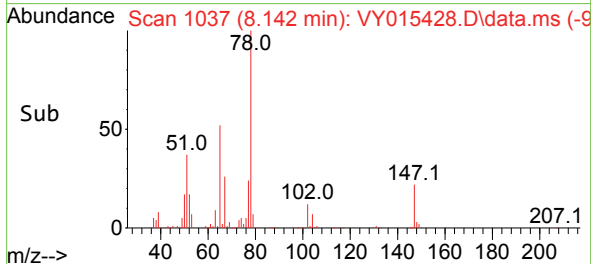
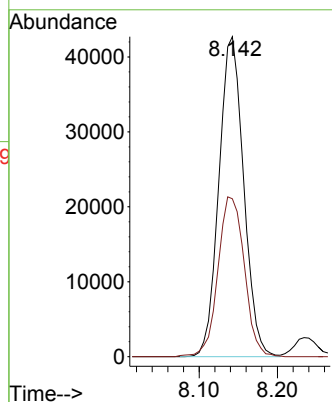
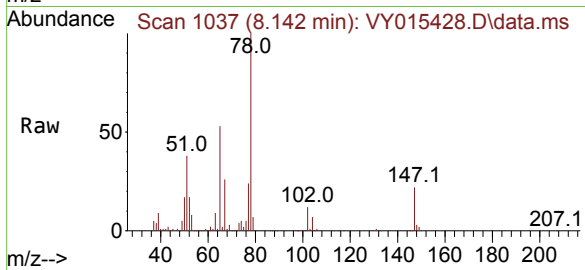
VSTDCCC050EC

Tgt Ion: 65 Resp: 93761

Ion Ratio Lower Upper

65 100

67 53.2 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: VY015428.D

Acq: 01 Sep 2023 20:12

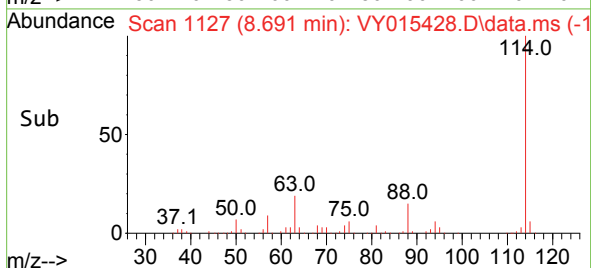
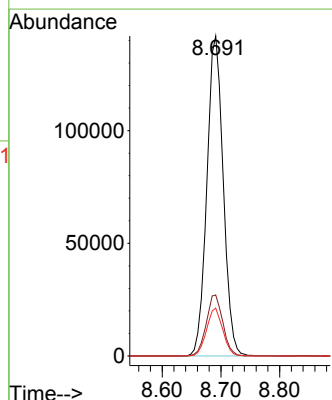
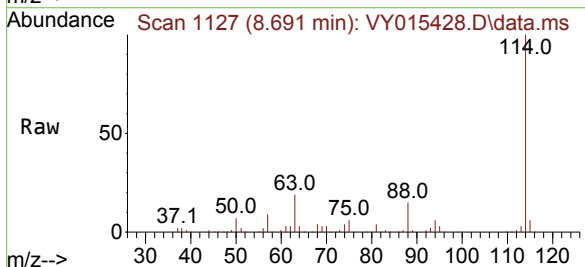
Tgt Ion: 114 Resp: 274267

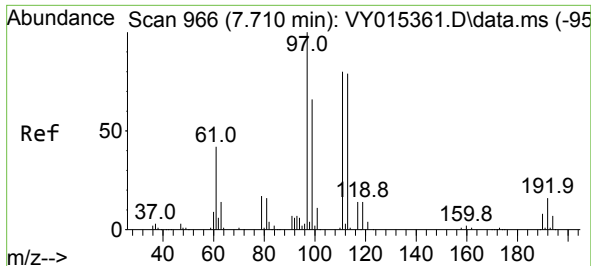
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.0 0.0 30.6

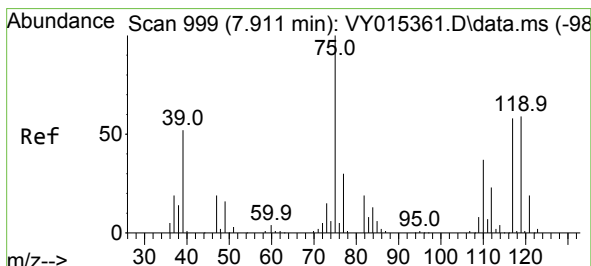
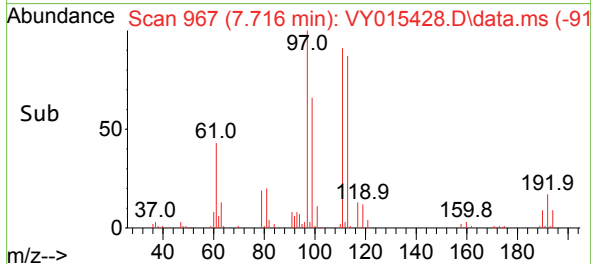
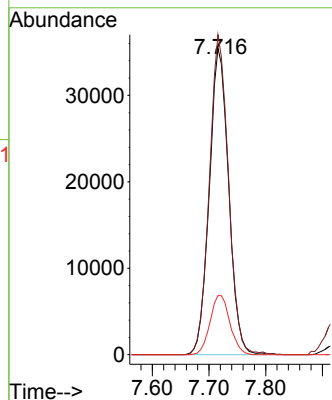
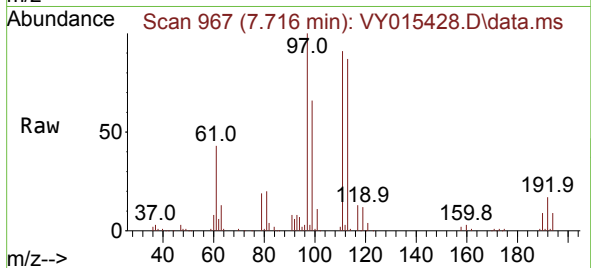




#35
Dibromofluoromethane
Concen: 53.129 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

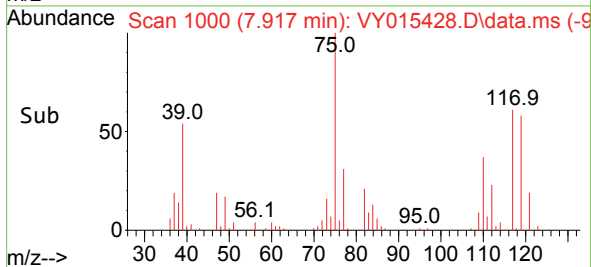
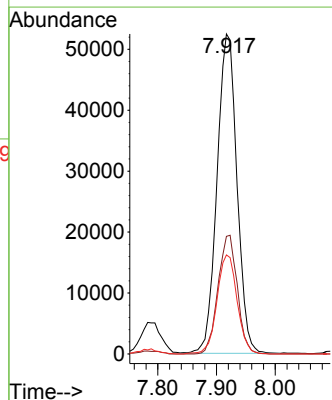
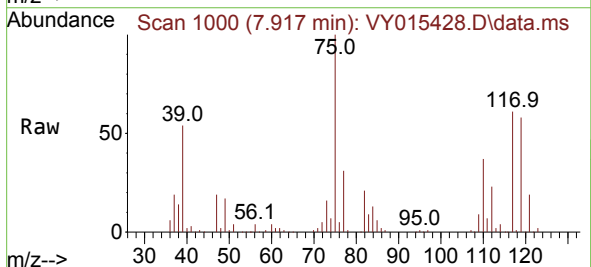
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

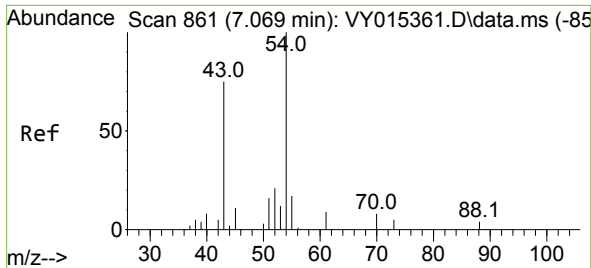
Tgt Ion:113 Resp: 83929
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 44.585 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

Tgt Ion: 75 Resp: 123671
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.5
77 31.3 24.4 36.6

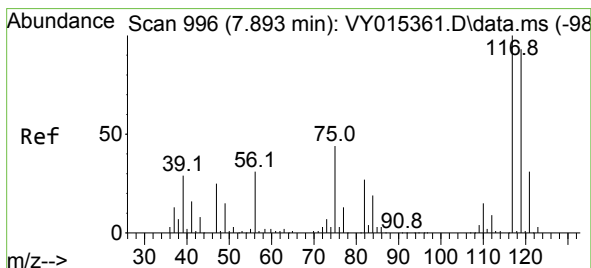
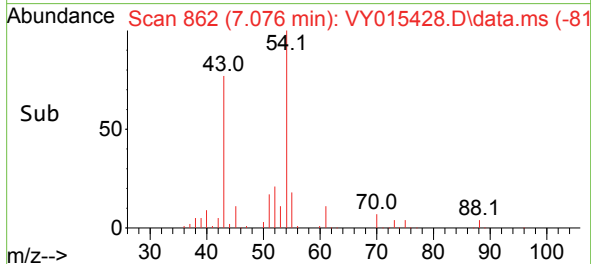
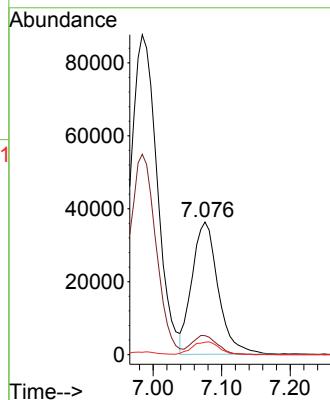
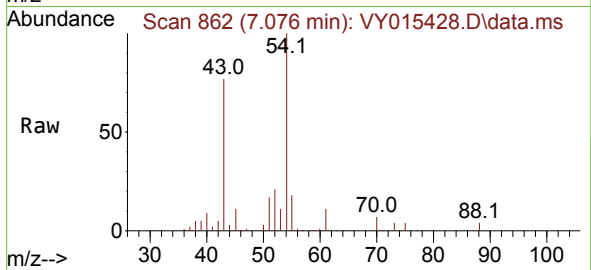




#37
Ethyl Acetate
Concen: 45.032 ug/l
RT: 7.076 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

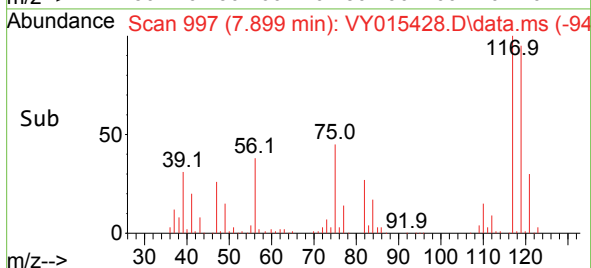
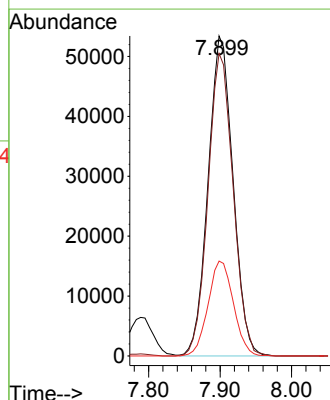
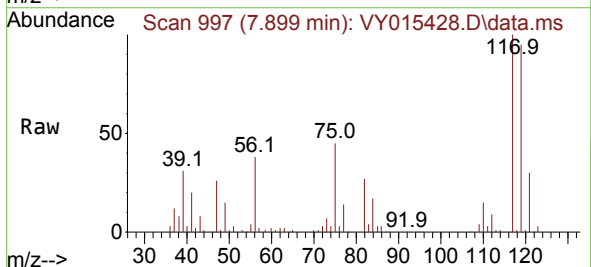
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

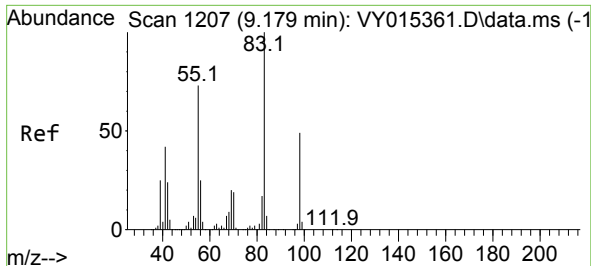
Tgt Ion: 43 Resp: 96336
Ion Ratio Lower Upper
43 100
61 14.0 10.1 15.1
70 10.2 7.1 10.7



#38
Carbon Tetrachloride
Concen: 45.203 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.006 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

Tgt Ion: 117 Resp: 129499
Ion Ratio Lower Upper
117 100
119 94.6 76.4 114.6
121 29.6 25.8 38.6





#39

Methylcyclohexane

Concen: 40.922 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015428.D

Acq: 01 Sep 2023 20:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

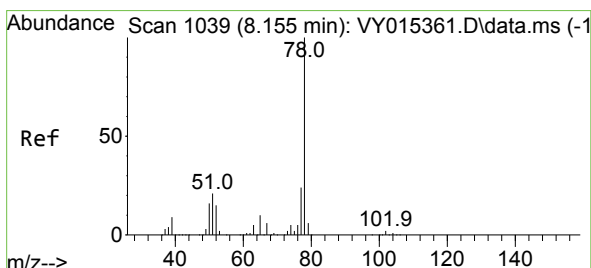
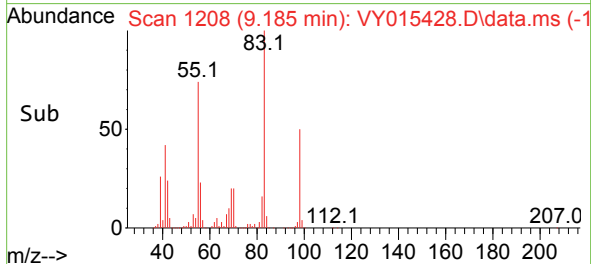
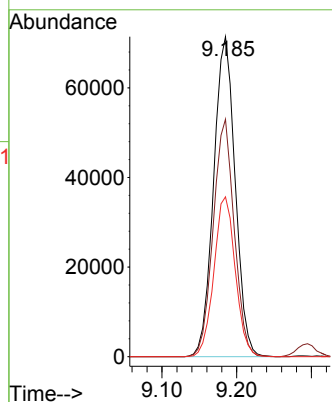
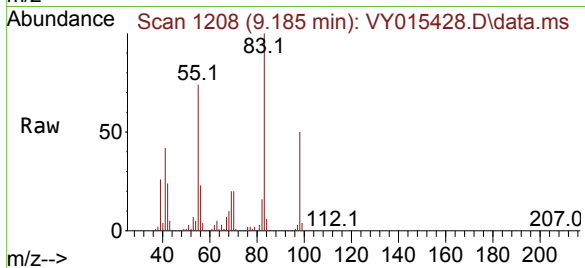
Tgt Ion: 83 Resp: 142904

Ion Ratio Lower Upper

83 100

55 74.2 63.0 94.4

98 50.0 37.4 56.2



#40

Benzene

Concen: 49.383 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.012 min

Lab File: VY015428.D

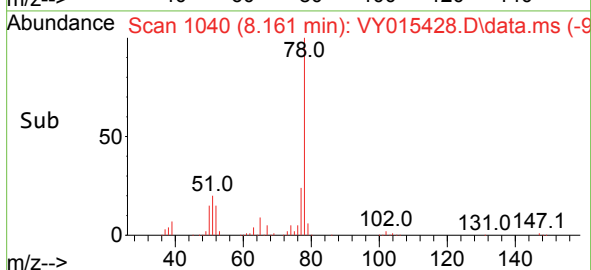
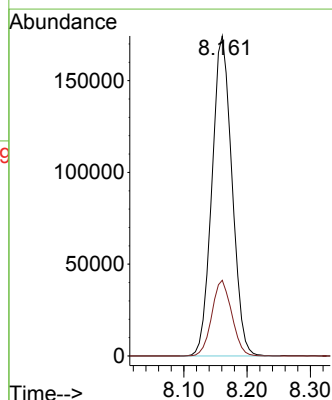
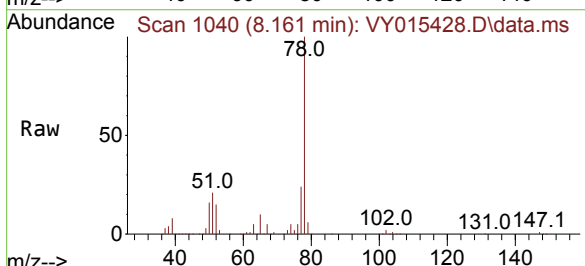
Acq: 01 Sep 2023 20:12

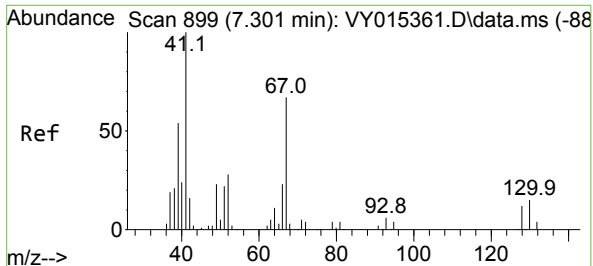
Tgt Ion: 78 Resp: 382166

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

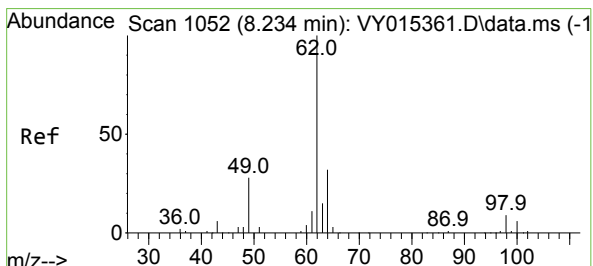
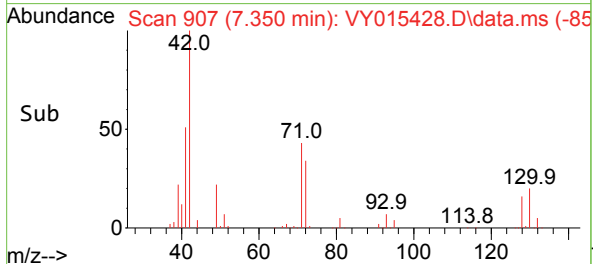
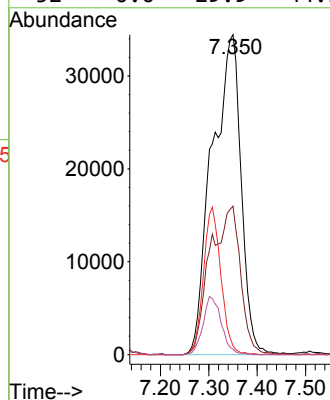
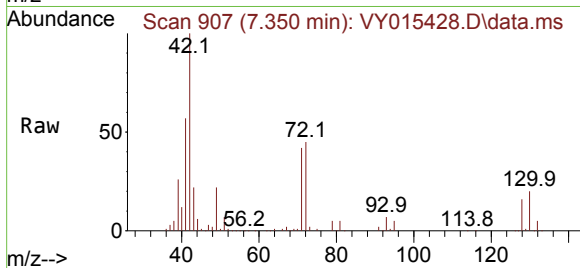




#41
Methacrylonitrile
Concen: 142.498 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.037 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

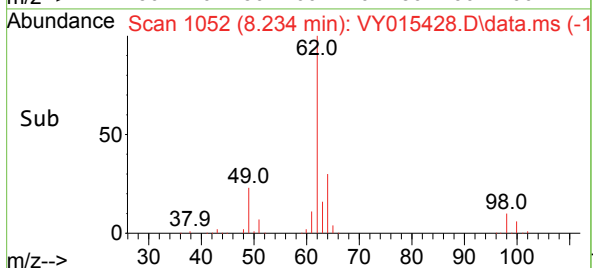
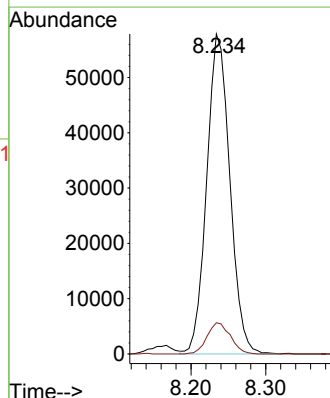
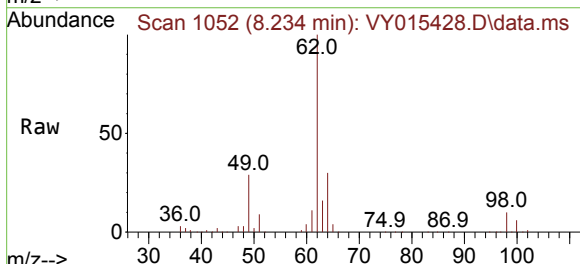
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

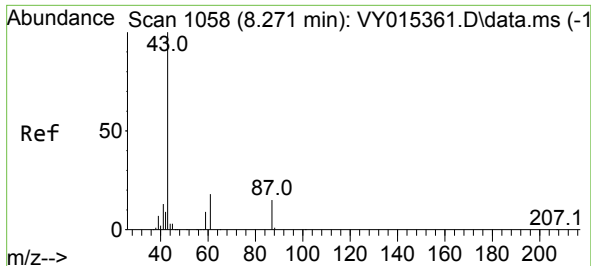
Tgt Ion:	41	Resp:	142954
Ion	Ratio	Lower	Upper
41	100		
39	26.5	52.1	78.1#
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 48.289 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

Tgt Ion:	62	Resp:	124614
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	15.8

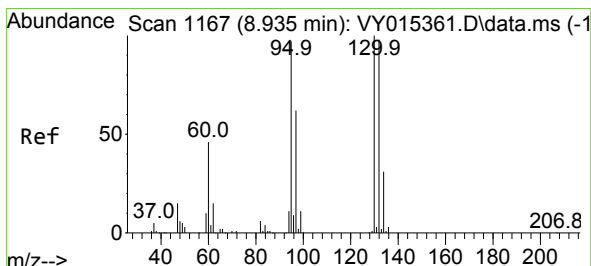
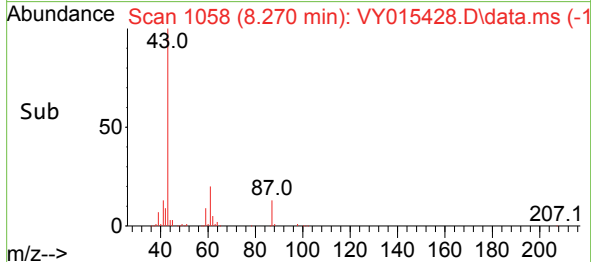
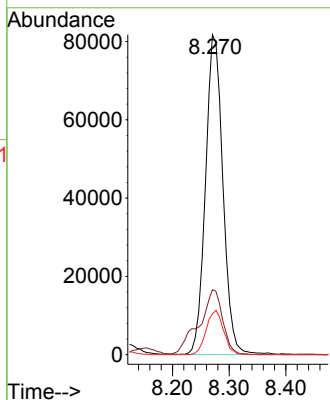
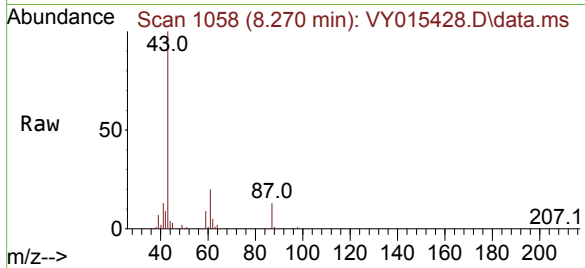




#43
Isopropyl Acetate
Concen: 47.064 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

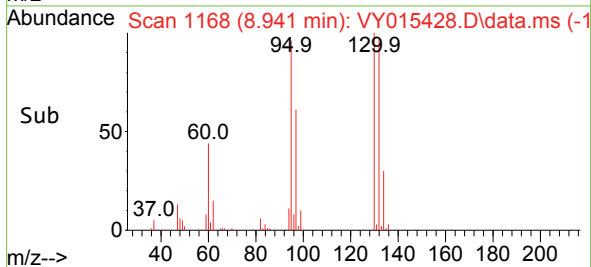
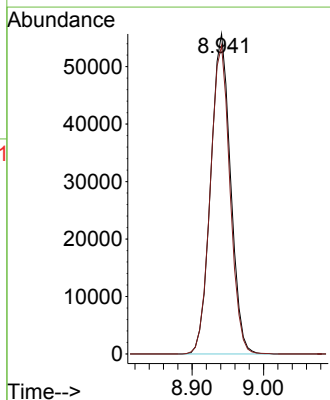
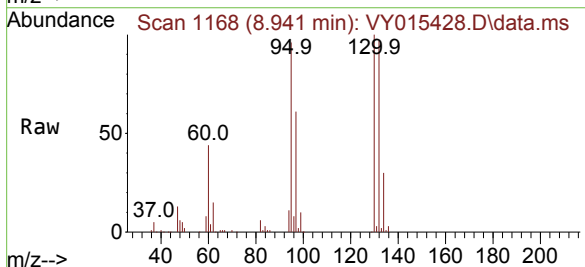
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

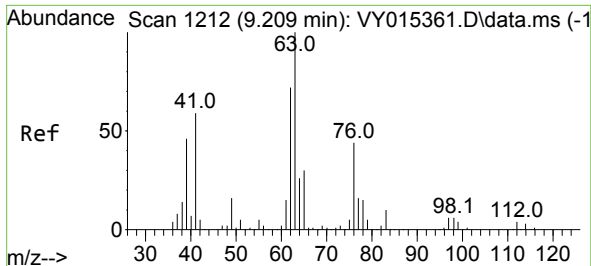
Tgt Ion: 43 Resp: 174103
Ion Ratio Lower Upper
43 100
61 27.4 21.1 31.7
87 13.9 9.8 14.8



#44
Trichloroethene
Concen: 48.910 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

Tgt Ion: 130 Resp: 107093
Ion Ratio Lower Upper
130 100
95 96.4 0.0 196.0





#45

1,2-Dichloropropane

Concen: 50.381 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015428.D

Acq: 01 Sep 2023 20:12

Instrument :

MSVOA_Y

ClientSampleId :

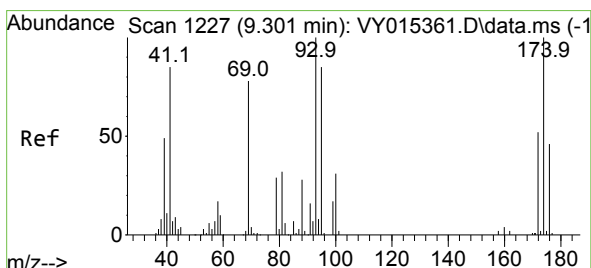
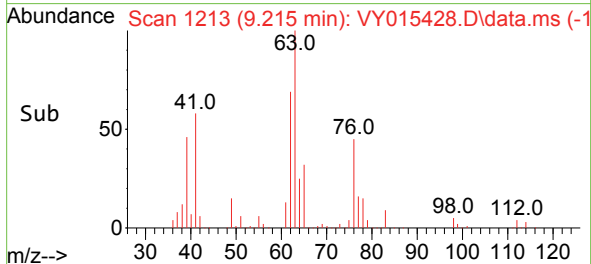
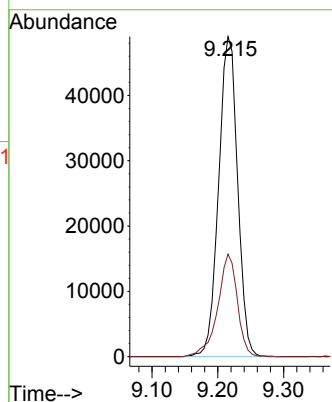
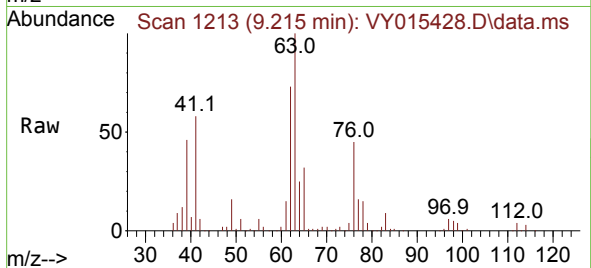
VSTDCCC050EC

Tgt Ion: 63 Resp: 98288

Ion Ratio Lower Upper

63 100

65 32.1 23.8 35.6



#46

Dibromomethane

Concen: 48.915 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY015428.D

Acq: 01 Sep 2023 20:12

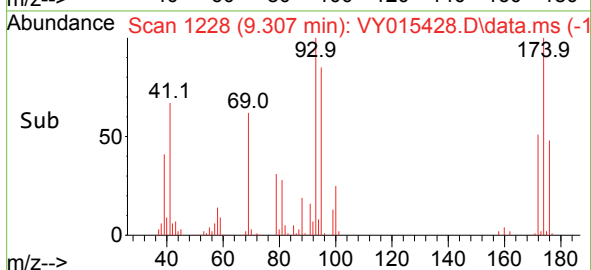
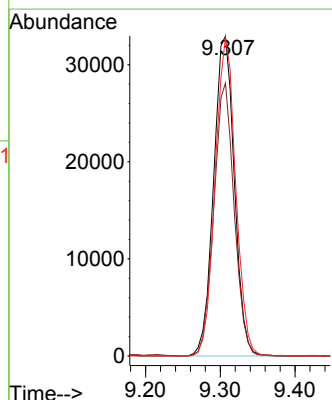
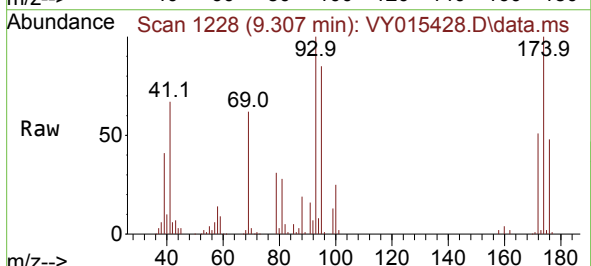
Tgt Ion: 93 Resp: 63389

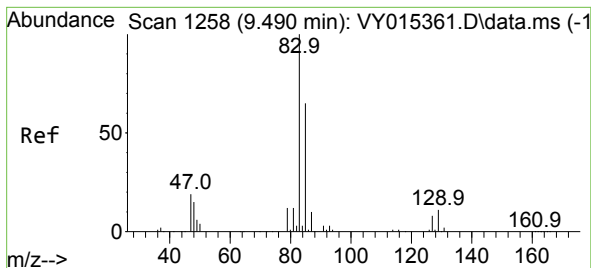
Ion Ratio Lower Upper

93 100

95 83.8 66.6 100.0

174 98.5 84.8 127.2





#47

Bromodichloromethane

Concen: 49.793 ug/l

RT: 9.496 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VY015428.D

Acq: 01 Sep 2023 20:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

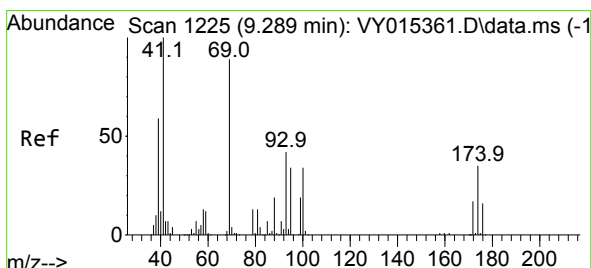
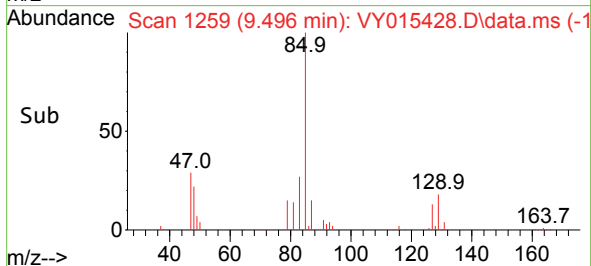
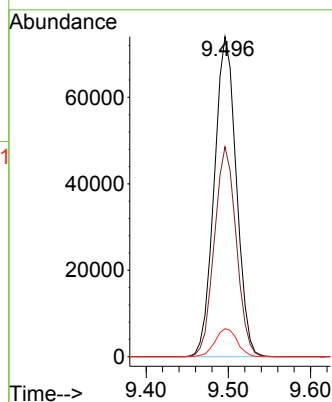
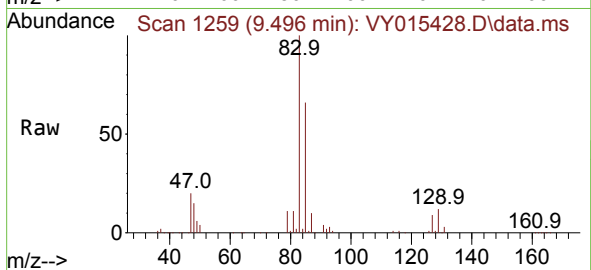
Tgt Ion: 83 Resp: 137993

Ion Ratio Lower Upper

83 100

85 65.6 50.1 75.1

127 8.8 7.1 10.7



#48

Methyl methacrylate

Concen: 47.414 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY015428.D

Acq: 01 Sep 2023 20:12

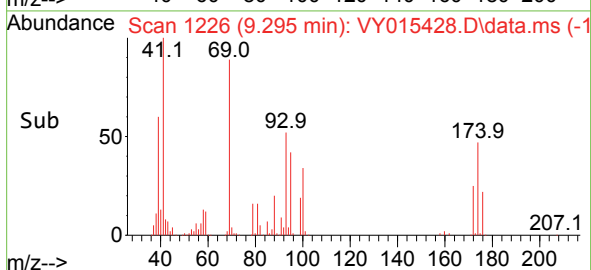
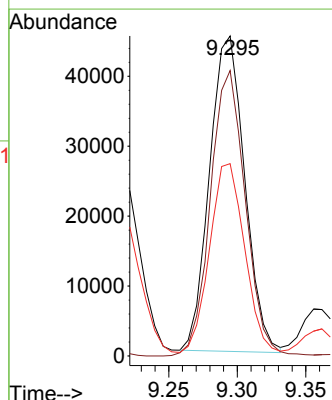
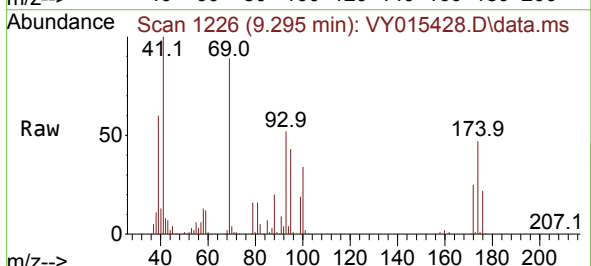
Tgt Ion: 41 Resp: 80475

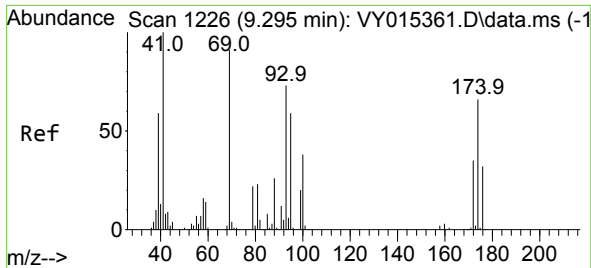
Ion Ratio Lower Upper

41 100

69 90.0 64.5 96.7

39 59.6 50.8 76.2

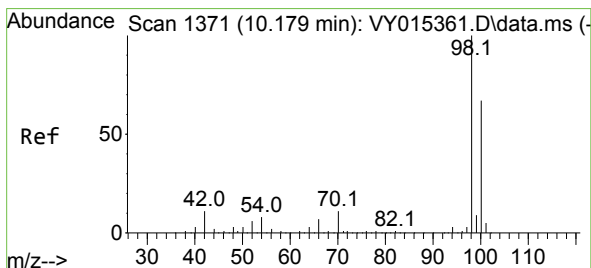
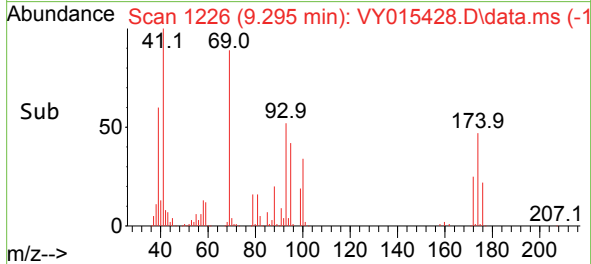
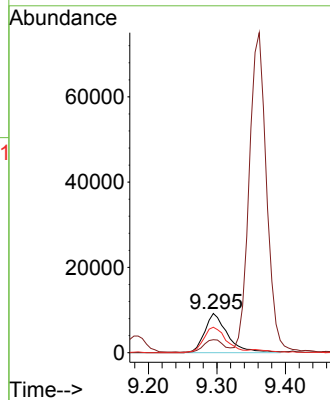
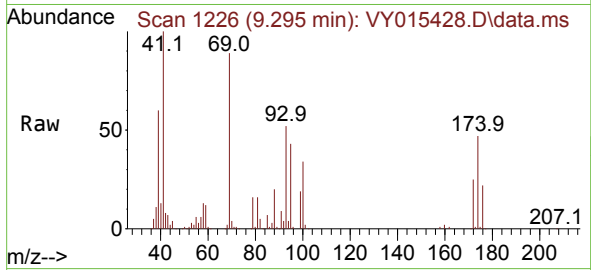




#49
1,4-Dioxane
Concen: 890.459 ug/l
RT: 9.295 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

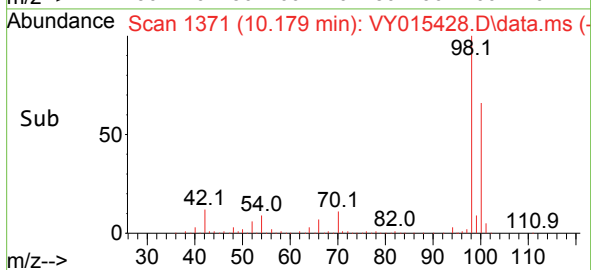
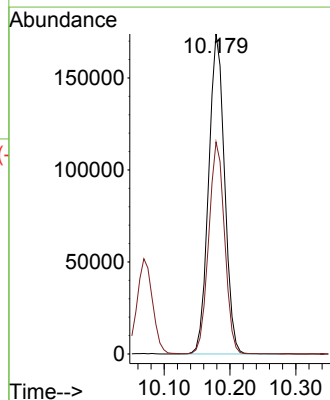
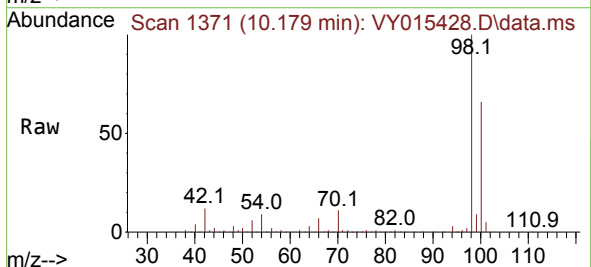
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

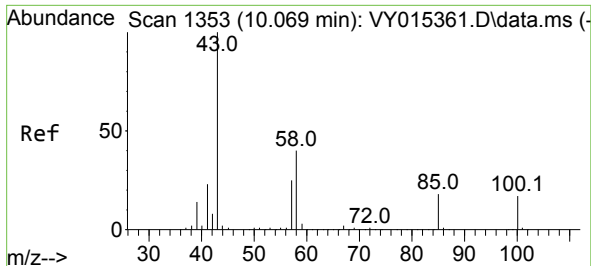
Tgt Ion: 88 Resp: 21434
Ion Ratio Lower Upper
88 100
43 28.4 0.0 0.0#
58 64.1 30.9 46.3#



#50
Toluene-d8
Concen: 51.186 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

Tgt Ion: 98 Resp: 292825
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1

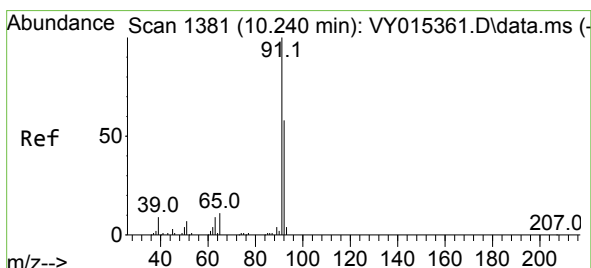
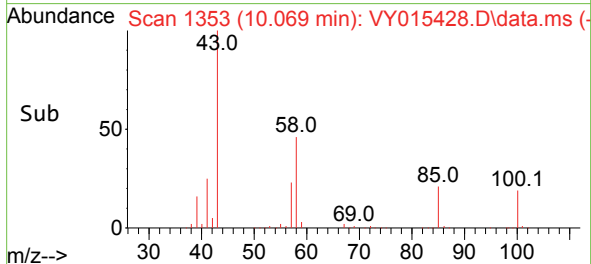
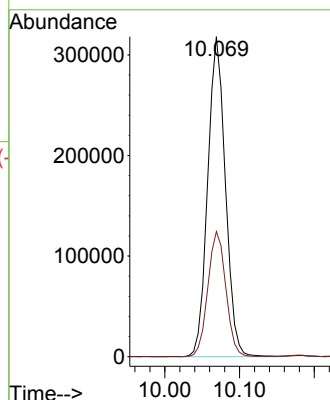
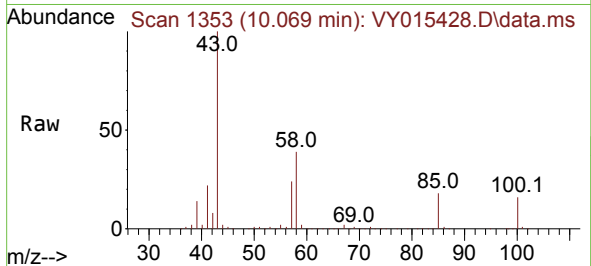




#51
4-Methyl-2-Pentanone
Concen: 242.480 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

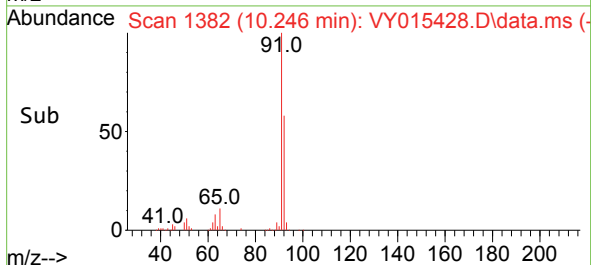
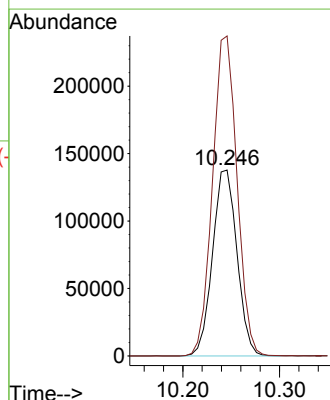
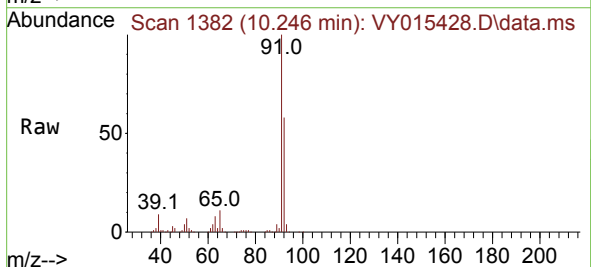
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

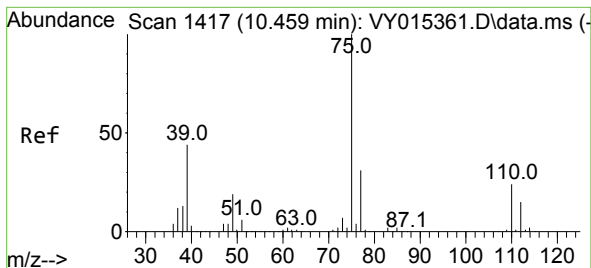
Tgt Ion: 43 Resp: 521364
Ion Ratio Lower Upper
43 100
58 39.9 29.0 43.6



#52
Toluene
Concen: 48.744 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

Tgt Ion: 92 Resp: 241776
Ion Ratio Lower Upper
92 100
91 172.4 143.8 215.6

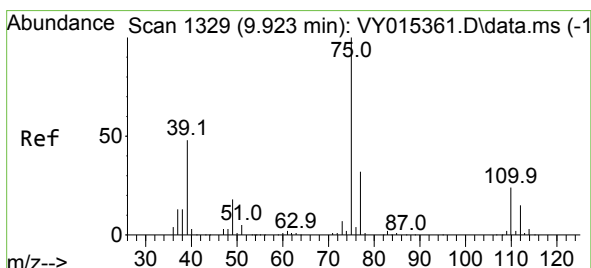
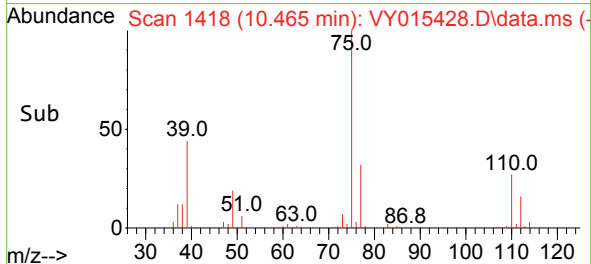
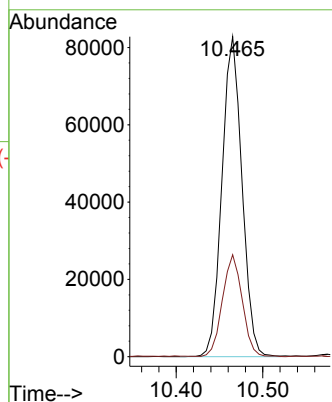
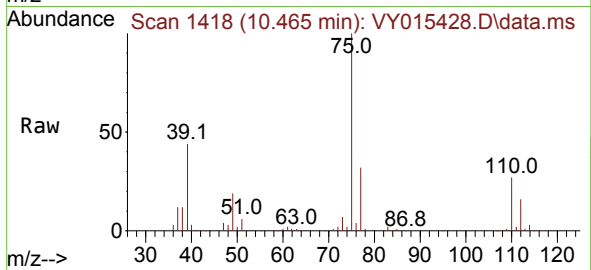




#53
 t-1,3-Dichloropropene
 Concen: 45.147 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015428.D
 Acq: 01 Sep 2023 20:12

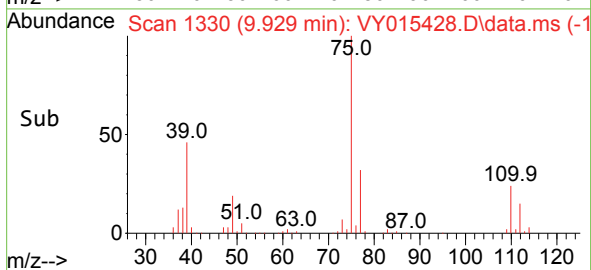
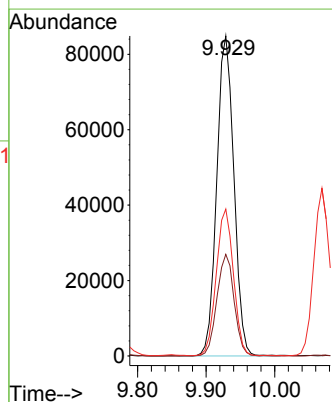
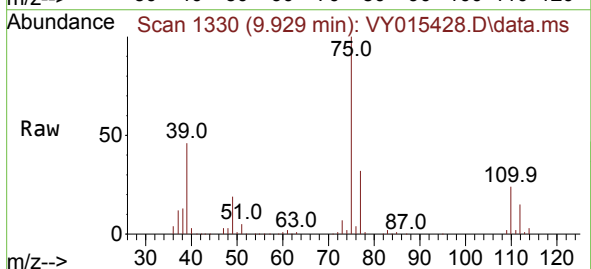
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

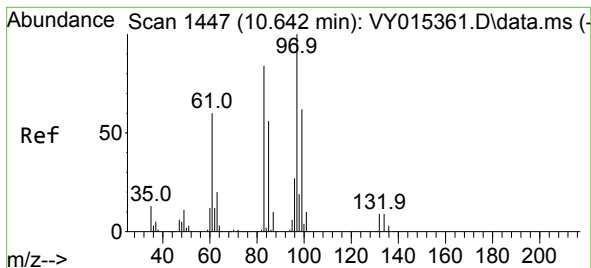
Tgt Ion: 75 Resp: 132968
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 45.931 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015428.D
 Acq: 01 Sep 2023 20:12

Tgt Ion: 75 Resp: 147154
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.2 36.4
 39 45.7 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 49.554 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY015428.D

Acq: 01 Sep 2023 20:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 86526

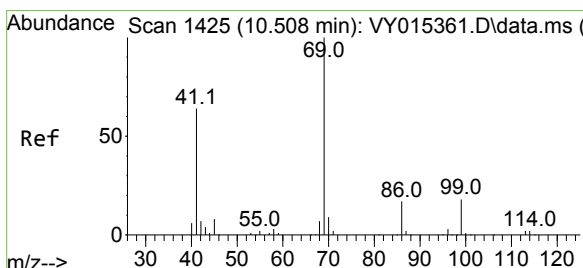
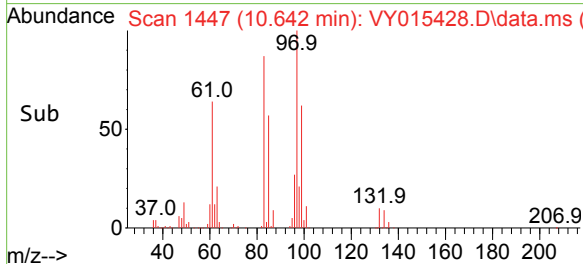
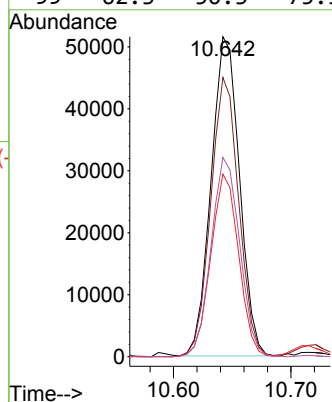
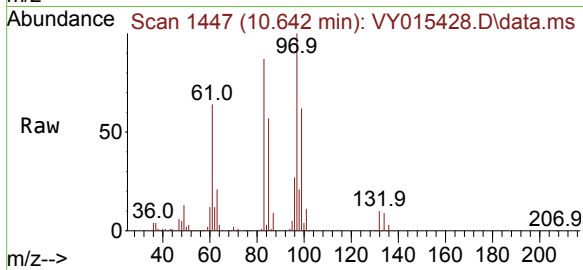
Ion Ratio Lower Upper

97 100

83 87.2 72.0 108.0

85 57.0 45.4 68.0

99 62.3 50.3 75.5



#56

Ethyl methacrylate

Concen: 48.910 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY015428.D

Acq: 01 Sep 2023 20:12

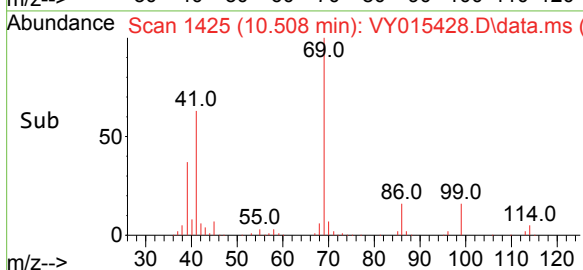
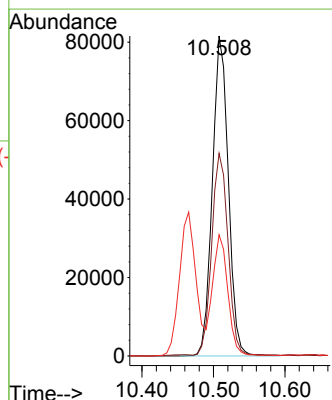
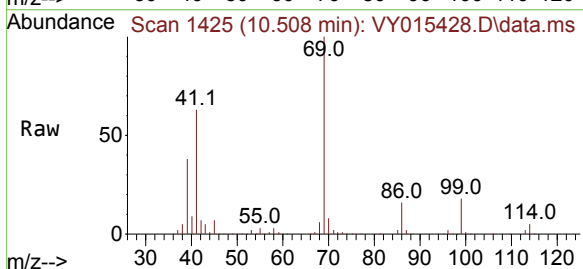
Tgt Ion: 69 Resp: 126556

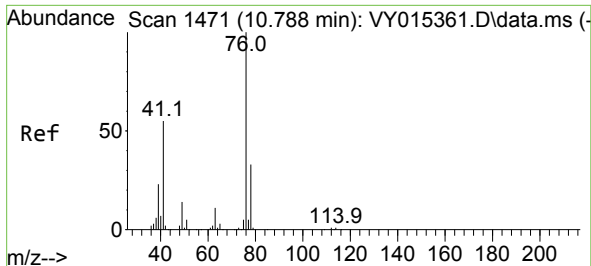
Ion Ratio Lower Upper

69 100

41 63.9 57.6 86.4

39 35.5 34.1 51.1

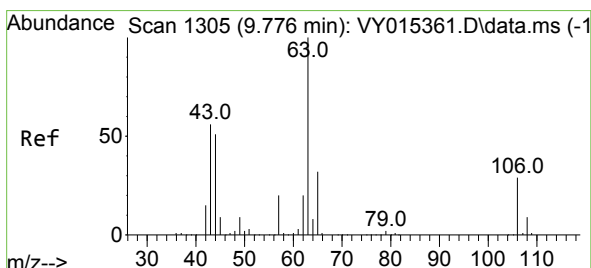
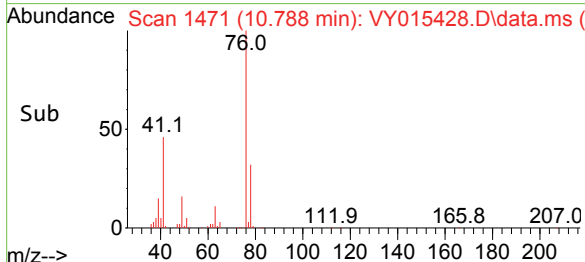
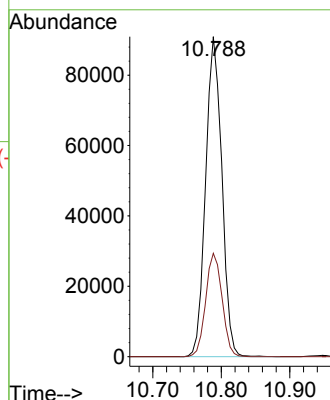
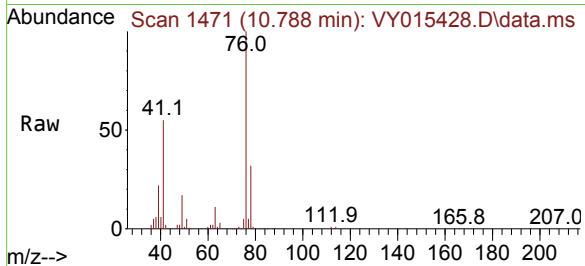




#57
1,3-Dichloropropane
Concen: 49.808 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

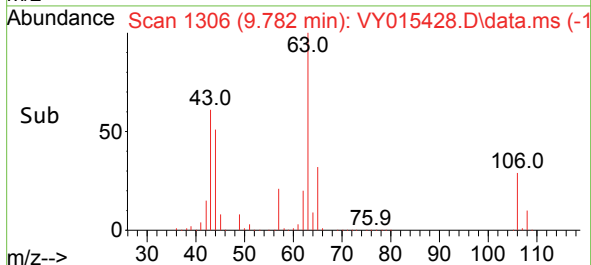
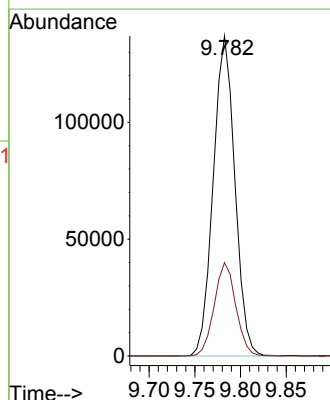
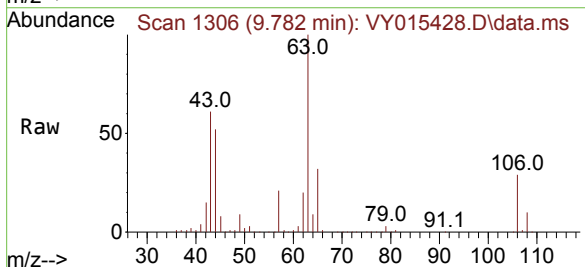
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

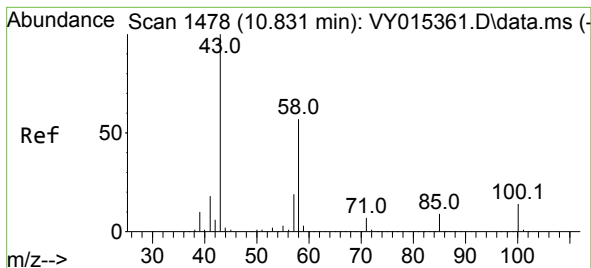
Tgt Ion: 76 Resp: 149708
Ion Ratio Lower Upper
76 100
78 32.7 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 243.642 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

Tgt Ion: 63 Resp: 225024
Ion Ratio Lower Upper
63 100
106 29.0 21.2 31.8

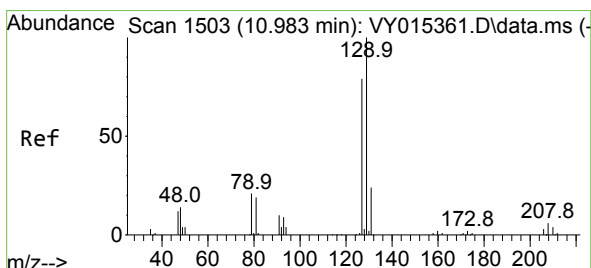
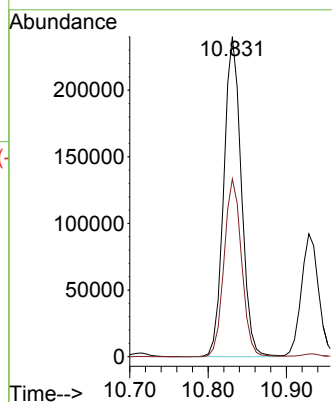
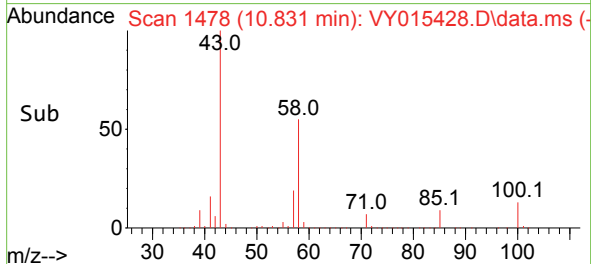
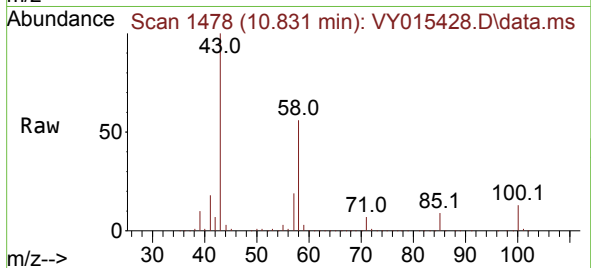




#59
2-Hexanone
Concen: 231.127 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

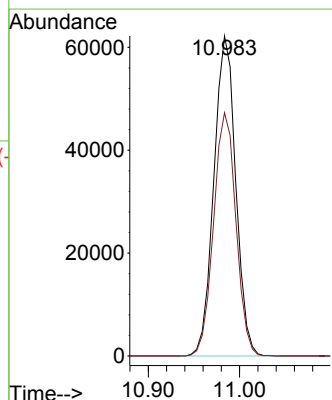
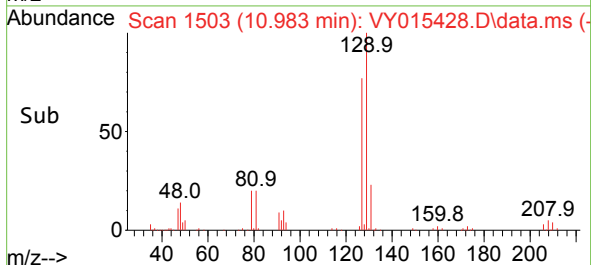
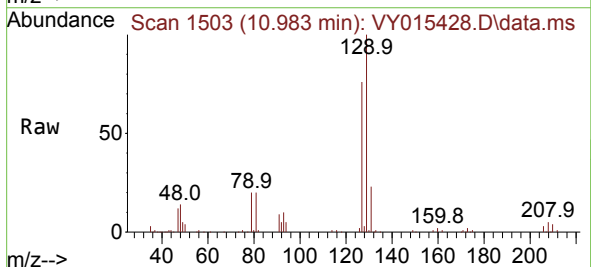
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

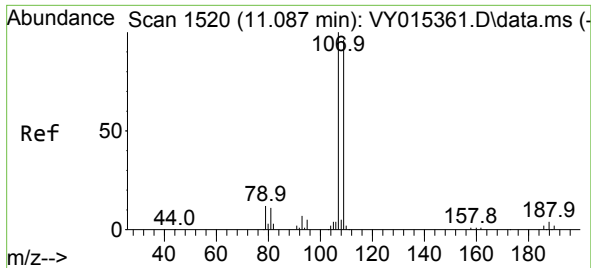
Tgt Ion: 43 Resp: 372888
Ion Ratio Lower Upper
43 100
58 55.6 25.1 75.3



#60
Dibromochloromethane
Concen: 50.573 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

Tgt Ion: 129 Resp: 103358
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5

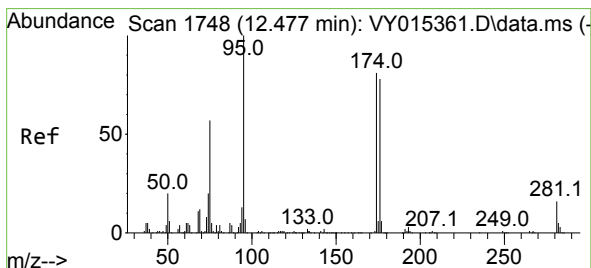
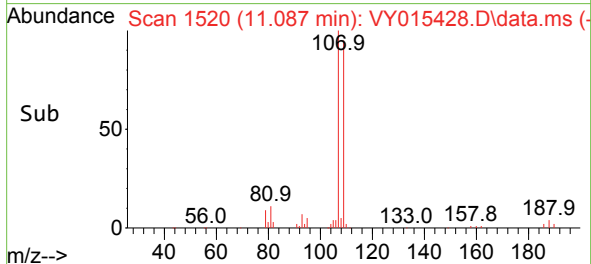
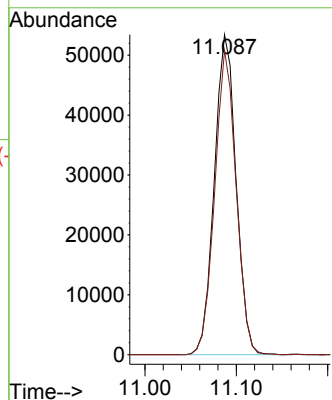
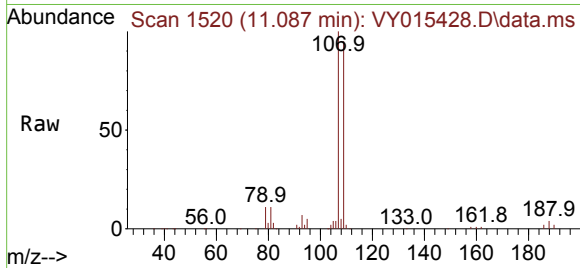




#61
1,2-Dibromoethane
Concen: 49.901 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

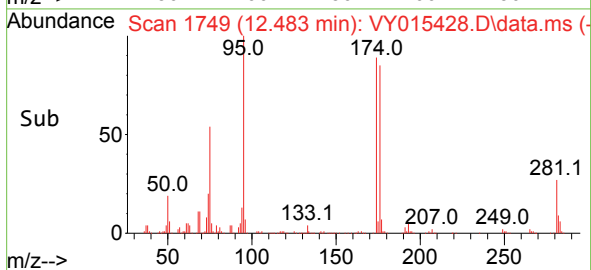
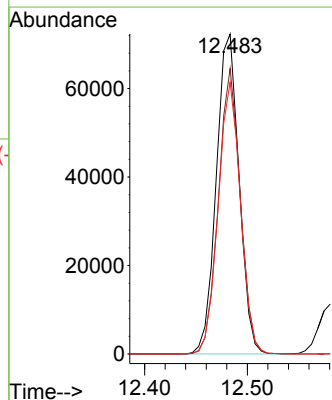
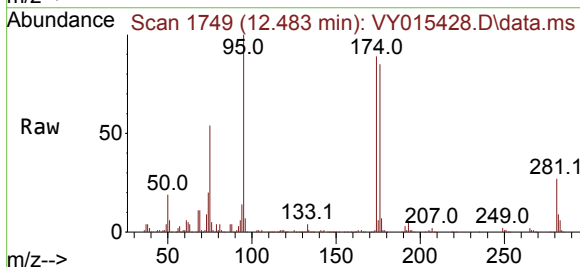
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

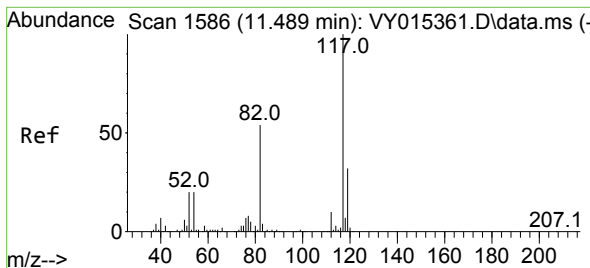
Tgt Ion:107 Resp: 88289
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.212 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

Tgt Ion: 95 Resp: 110885
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 83.2 0.0 173.8

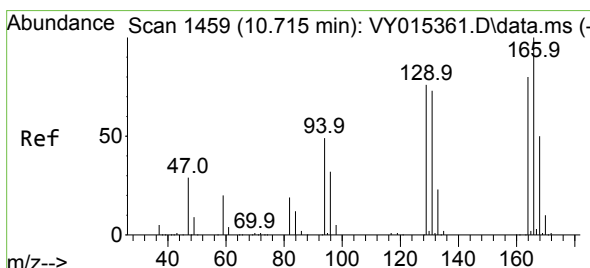
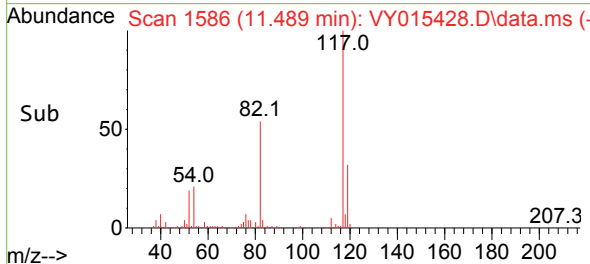
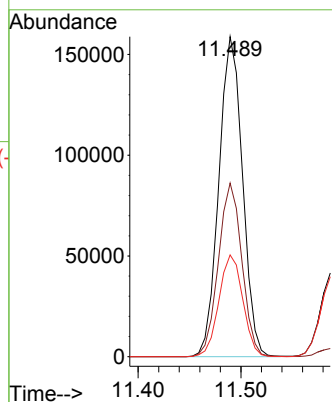
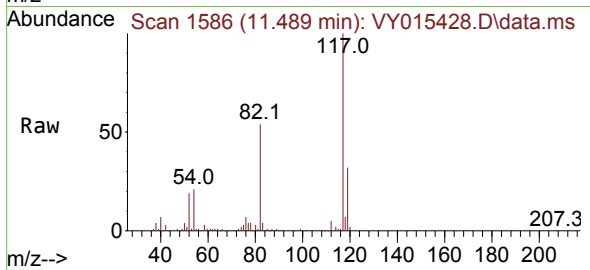




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

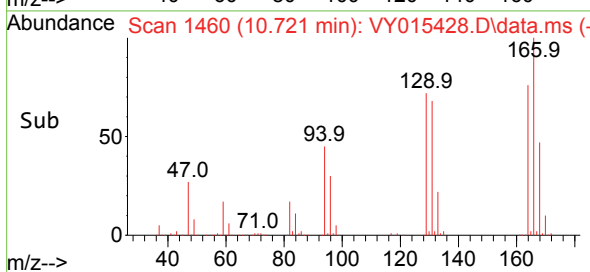
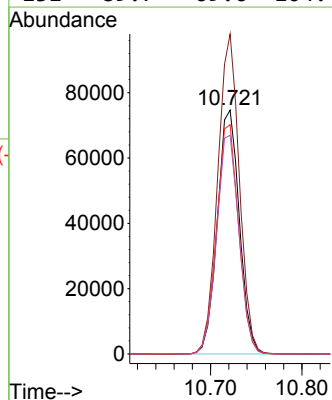
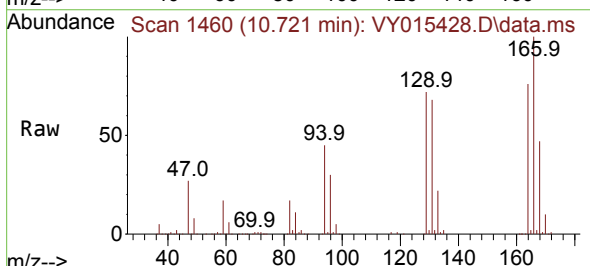
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

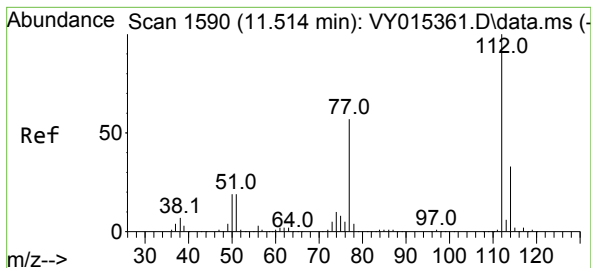
Tgt Ion:117 Resp: 254217
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 31.8 26.3 39.5



#64
Tetrachloroethene
Concen: 54.132 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

Tgt Ion:164 Resp: 124906
Ion Ratio Lower Upper
164 100
166 131.2 103.0 154.6
129 94.0 77.2 115.8
131 89.7 69.6 104.4





#65

Chlorobenzene

Concen: 48.232 ug/l

RT: 11.514 min Scan# 1119

Delta R.T. -0.000 min

Lab File: VY015428.D

Acq: 01 Sep 2023 20:12

Instrument :

MSVOA_Y

ClientSampleId :

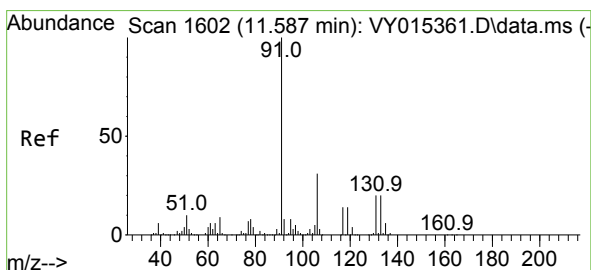
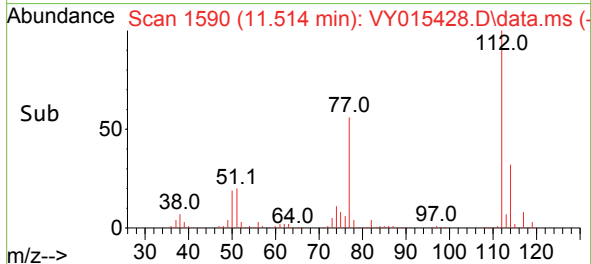
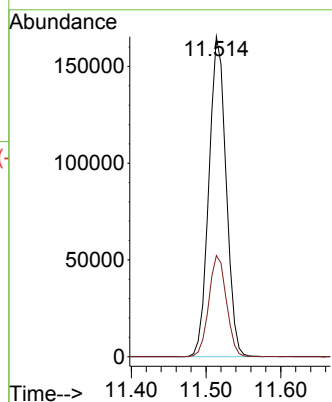
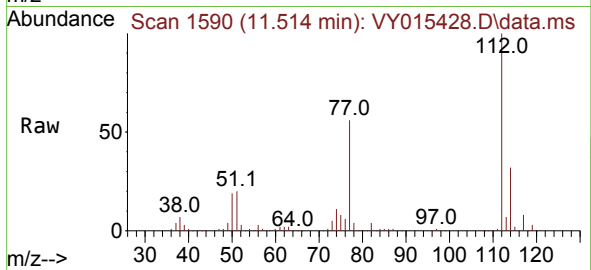
VSTDCCC050EC

Tgt Ion:112 Resp: 264218

Ion Ratio Lower Upper

112 100

114 31.6 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 49.537 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY015428.D

Acq: 01 Sep 2023 20:12

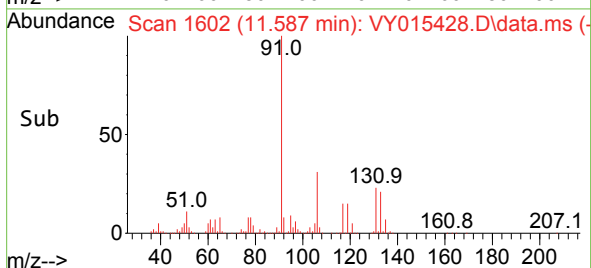
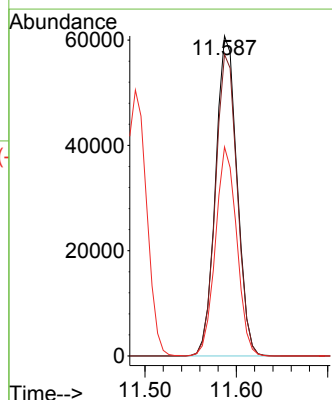
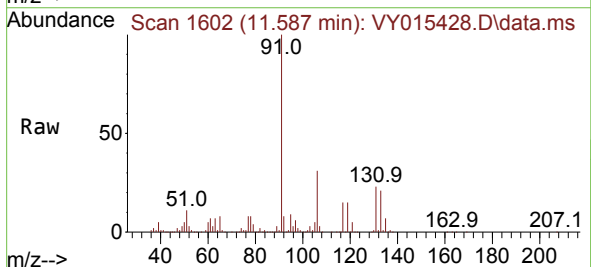
Tgt Ion:131 Resp: 99325

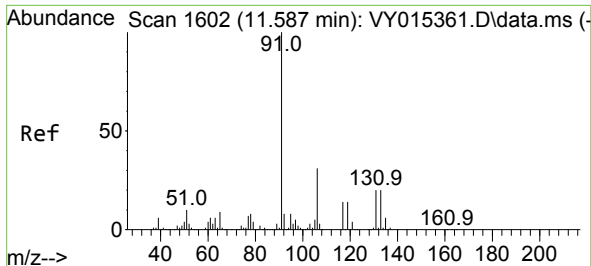
Ion Ratio Lower Upper

131 100

133 95.3 47.5 142.6

119 64.7 31.6 94.7

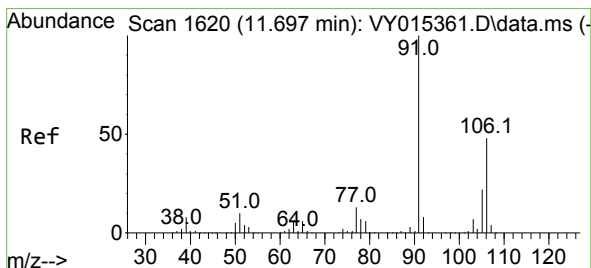
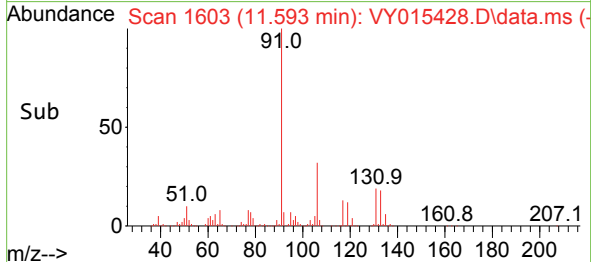
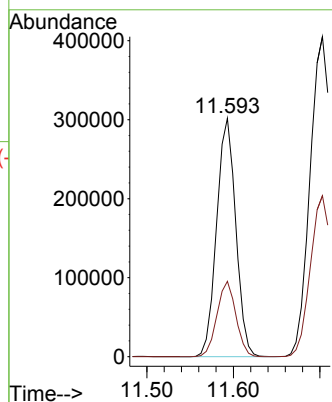
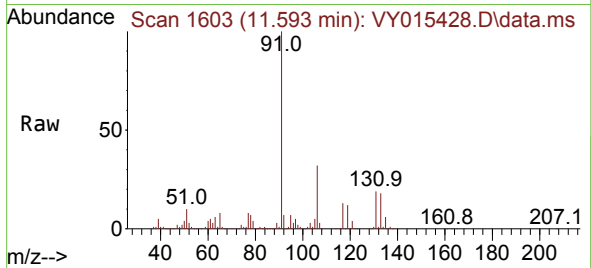




#67
Ethyl Benzene
Concen: 47.091 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

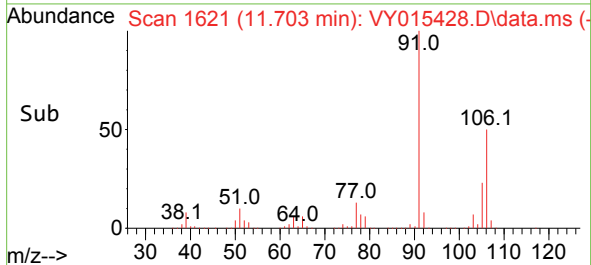
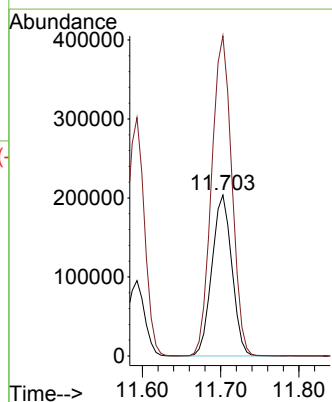
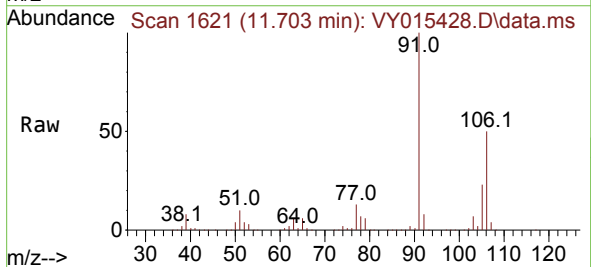
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

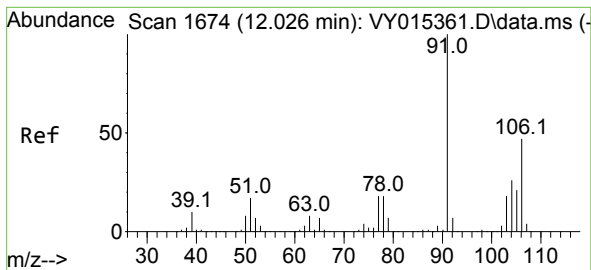
Tgt Ion: 91 Resp: 463219
Ion Ratio Lower Upper
91 100
106 31.6 24.6 36.8



#68
m/p-Xylenes
Concen: 94.436 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

Tgt Ion:106 Resp: 360068
Ion Ratio Lower Upper
106 100
91 201.8 166.1 249.1





#69

o-Xylene

Concen: 48.494 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015428.D

Acq: 01 Sep 2023 20:12

Instrument :

MSVOA_Y

ClientSampleId :

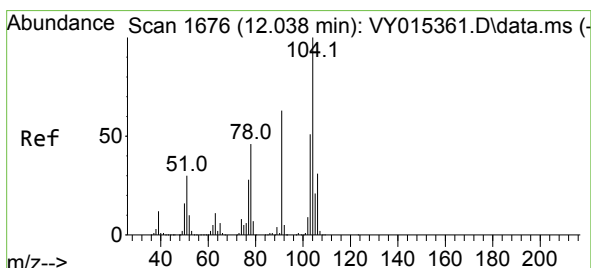
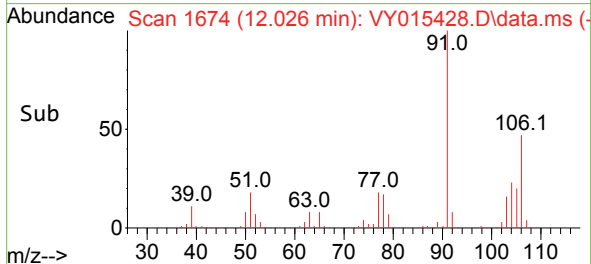
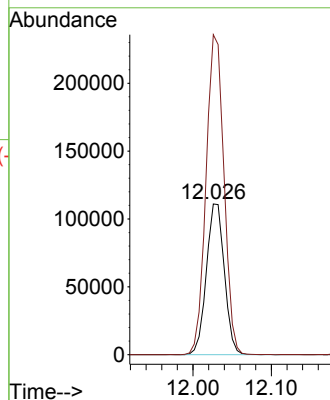
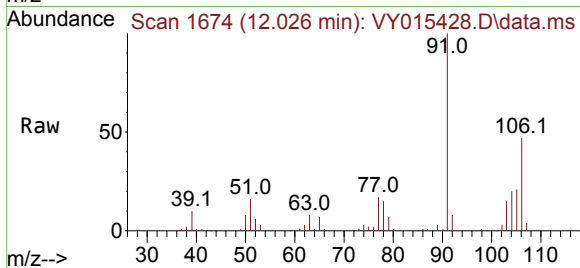
VSTDCCC050EC

Tgt Ion:106 Resp: 176705

Ion Ratio Lower Upper

106 100

91 211.8 108.1 324.3



#70

Styrene

Concen: 50.091 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY015428.D

Acq: 01 Sep 2023 20:12

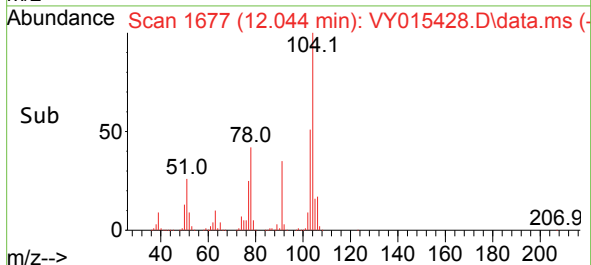
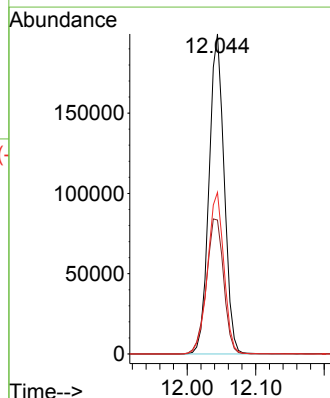
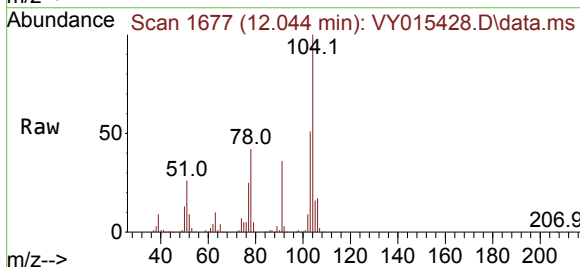
Tgt Ion:104 Resp: 306903

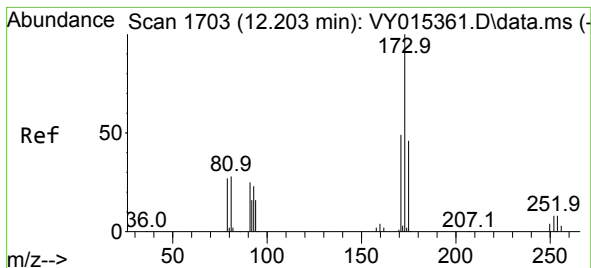
Ion Ratio Lower Upper

104 100

78 48.4 41.5 62.3

103 54.3 44.6 67.0





#71

Bromoform

Concen: 49.966 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015428.D

Acq: 01 Sep 2023 20:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

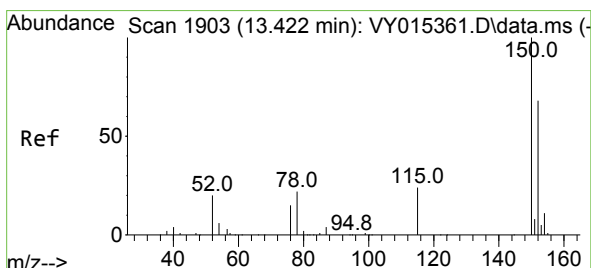
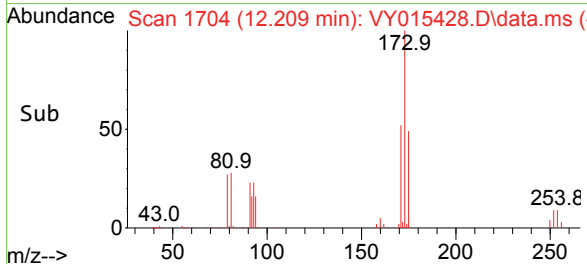
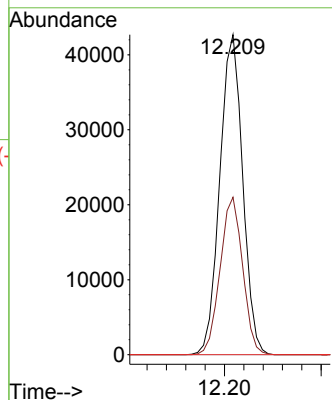
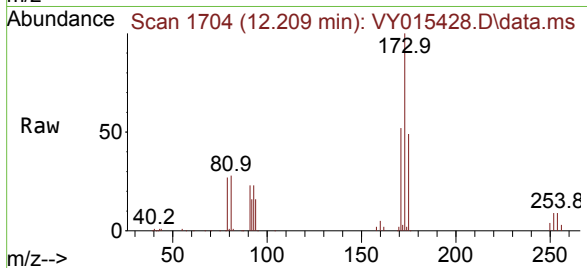
Tgt Ion:173 Resp: 69886

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.8

254 0.0 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: VY015428.D

Acq: 01 Sep 2023 20:12

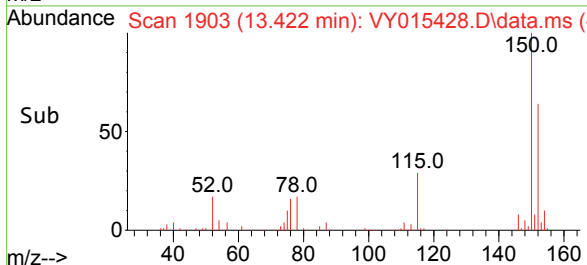
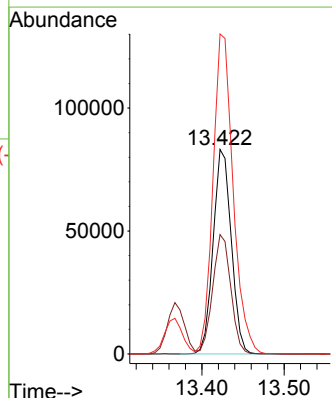
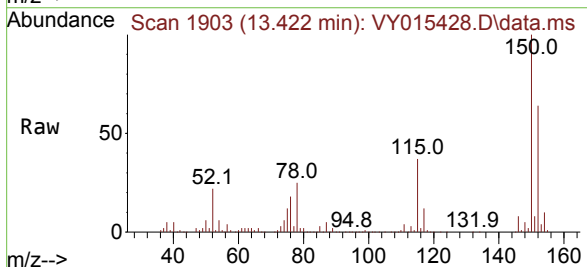
Tgt Ion:152 Resp: 127420

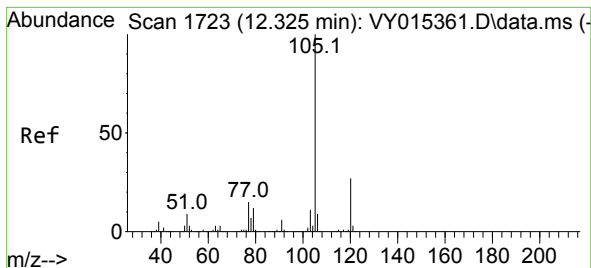
Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 173.9 0.0 348.8





#73

Isopropylbenzene

Concen: 46.804 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015428.D

Acq: 01 Sep 2023 20:12

Instrument :

MSVOA_Y

ClientSampleId :

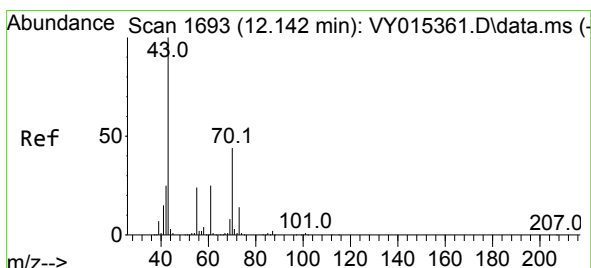
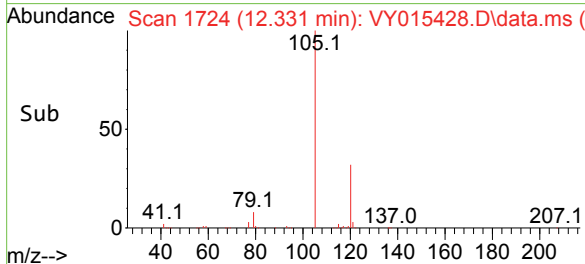
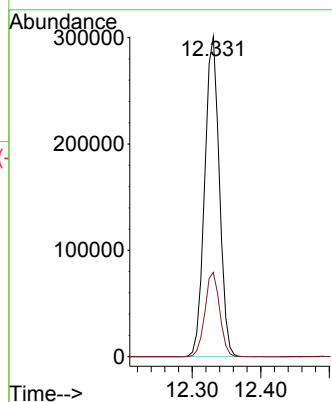
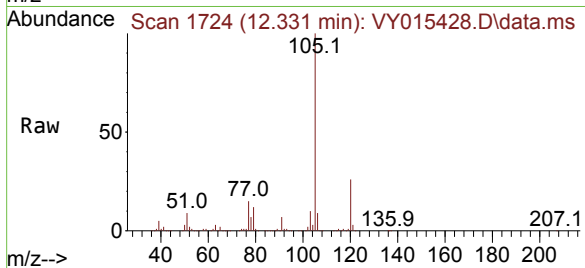
VSTDCCC050EC

Tgt Ion:105 Resp: 447959

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 44.641 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY015428.D

Acq: 01 Sep 2023 20:12

Tgt Ion: 43 Resp: 143543

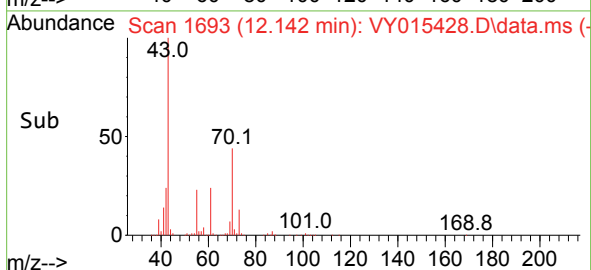
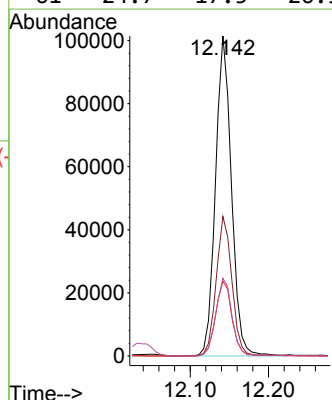
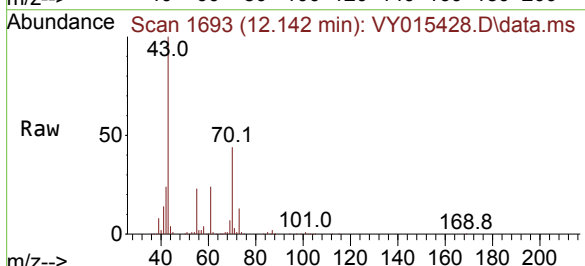
Ion Ratio Lower Upper

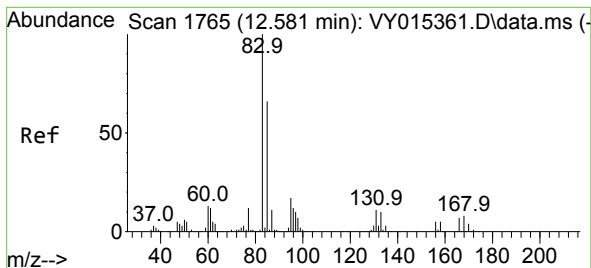
43 100

70 43.0 29.7 44.5

55 24.3 18.3 27.5

61 24.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 46.819 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY015428.D

Acq: 01 Sep 2023 20:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

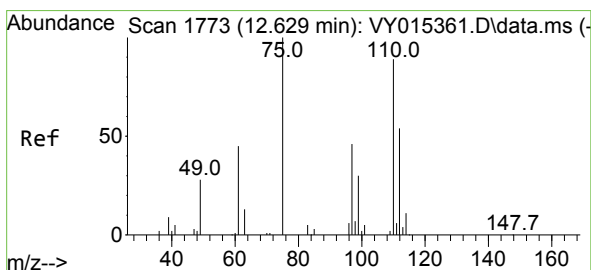
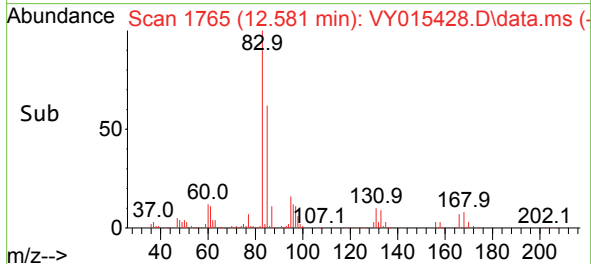
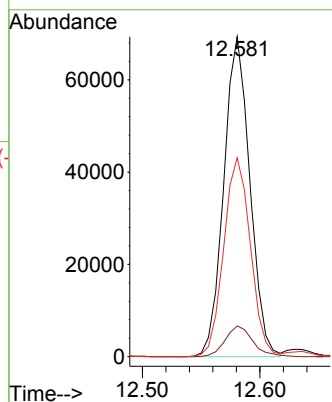
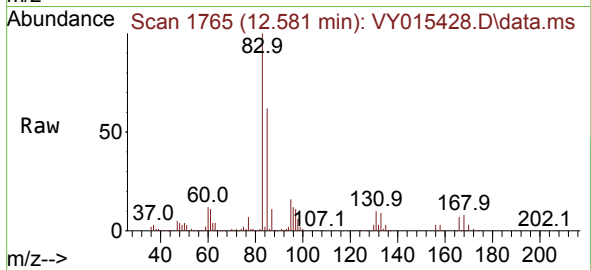
Tgt Ion: 83 Resp: 106971

Ion Ratio Lower Upper

83 100

131 10.2 5.4 16.2

85 63.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 83.630 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY015428.D

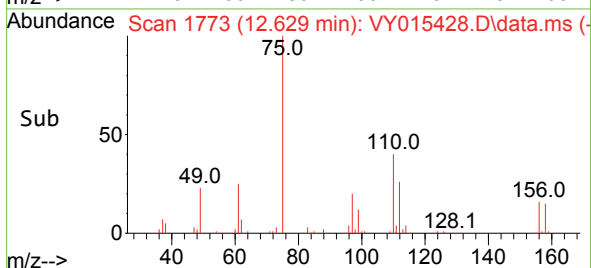
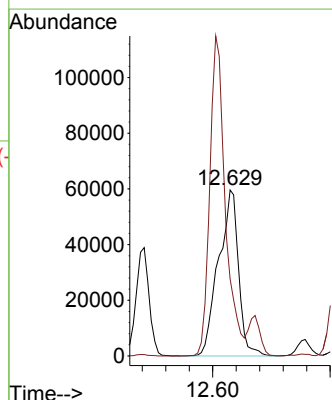
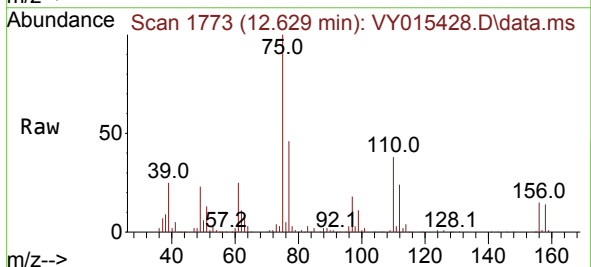
Acq: 01 Sep 2023 20:12

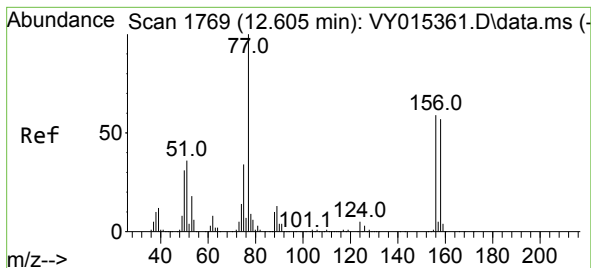
Tgt Ion: 75 Resp: 141311

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.871 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015428.D

Acq: 01 Sep 2023 20:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

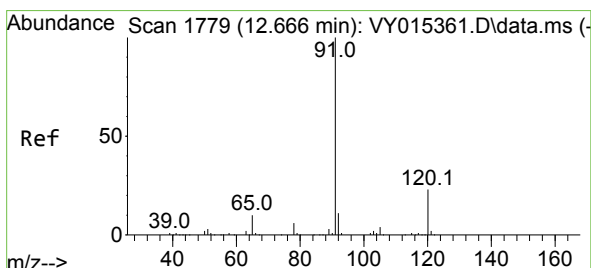
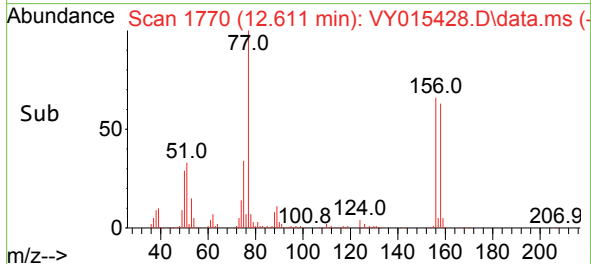
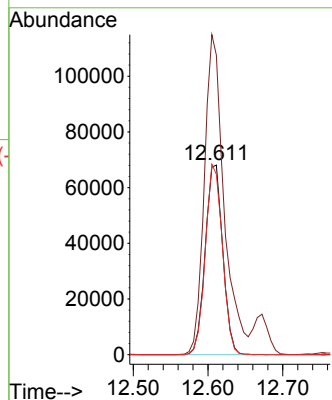
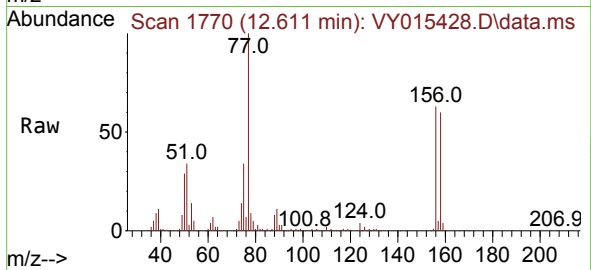
Tgt Ion:156 Resp: 110782

Ion Ratio Lower Upper

156 100

77 190.5 92.8 278.6

158 98.0 48.4 145.3



#78

n-propylbenzene

Concen: 46.498 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015428.D

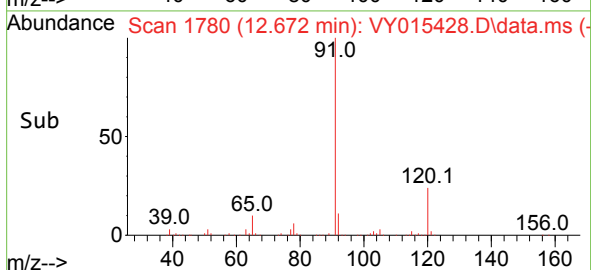
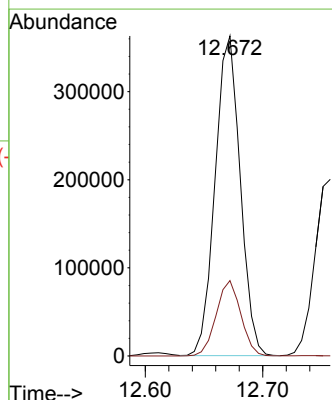
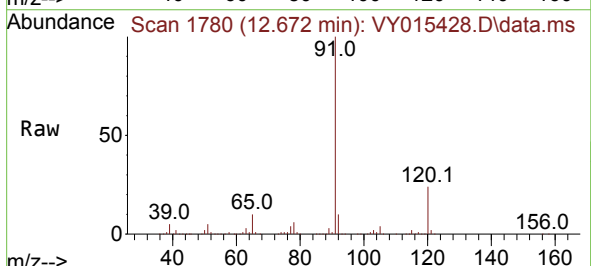
Acq: 01 Sep 2023 20:12

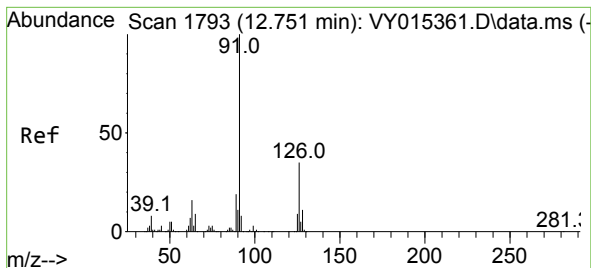
Tgt Ion: 91 Resp: 538502

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

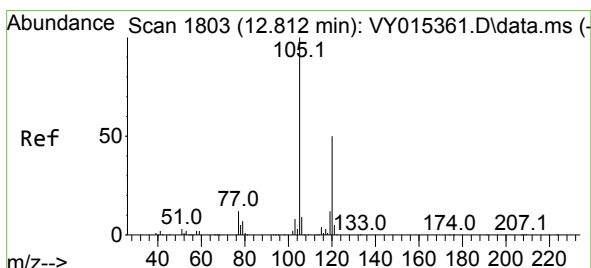
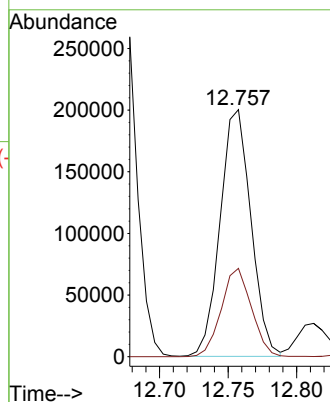
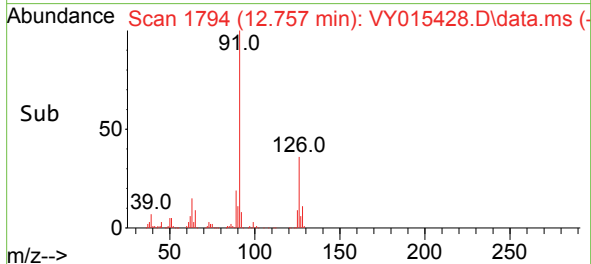
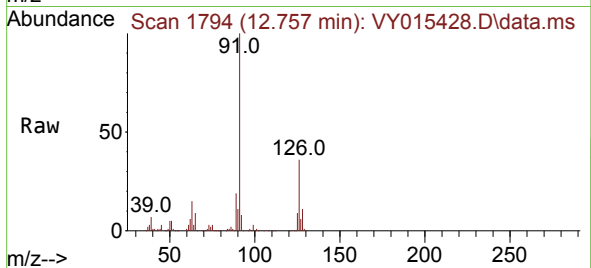




#79
2-Chlorotoluene
Concen: 48.243 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

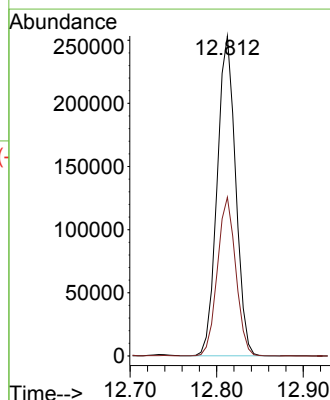
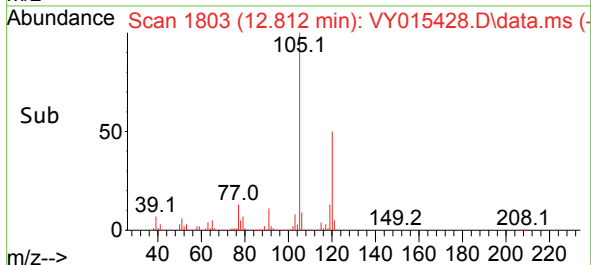
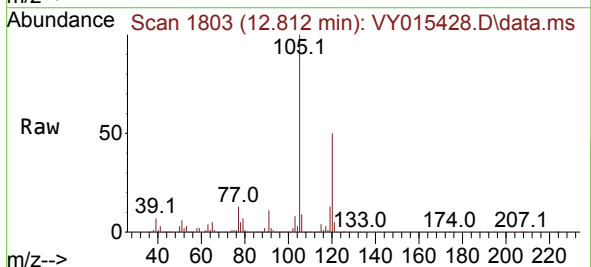
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

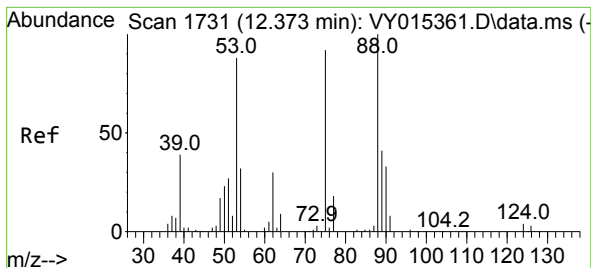
Tgt Ion: 91 Resp: 313372
Ion Ratio Lower Upper
91 100
126 35.1 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 46.735 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

Tgt Ion: 105 Resp: 374138
Ion Ratio Lower Upper
105 100
120 49.6 23.9 71.7

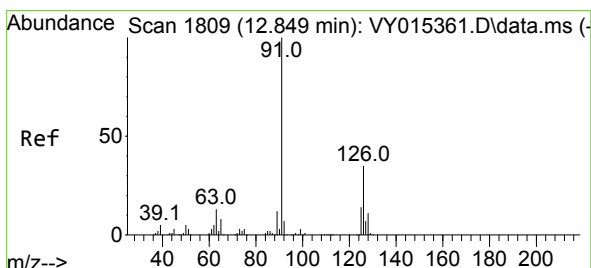
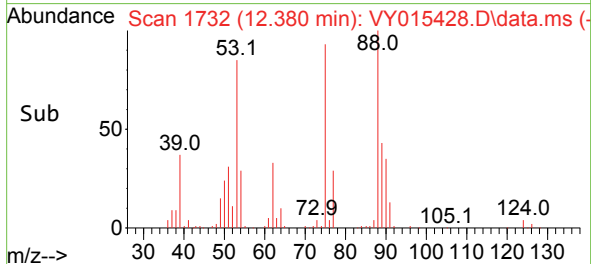
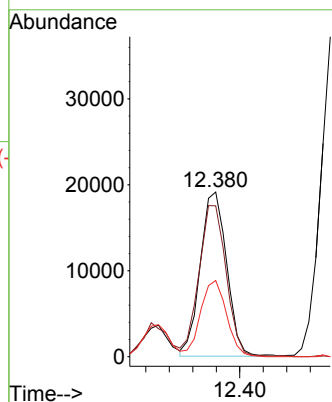
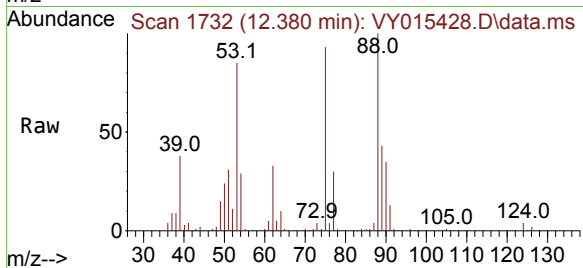




#81
trans-1,4-Dichloro-2-butene
Concen: 38.972 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

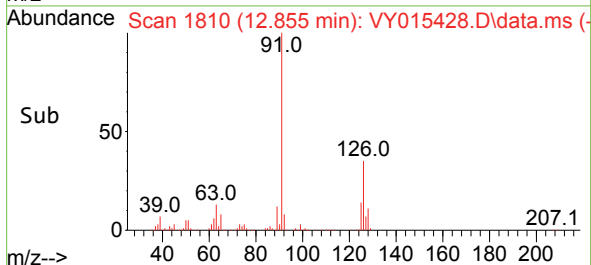
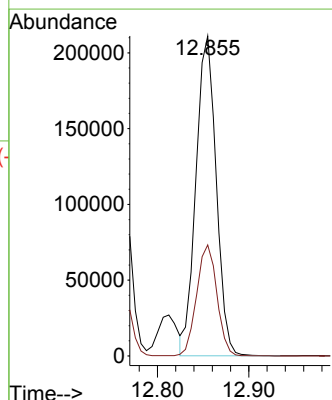
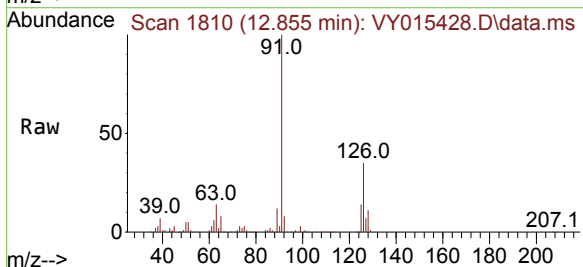
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

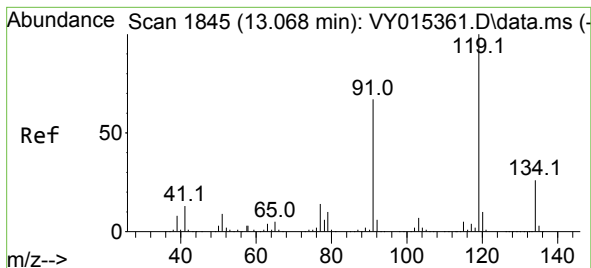
Tgt Ion: 75 Resp: 29853
Ion Ratio Lower Upper
75 100
53 95.3 77.8 116.8
89 45.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 48.058 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

Tgt Ion: 91 Resp: 324436
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6

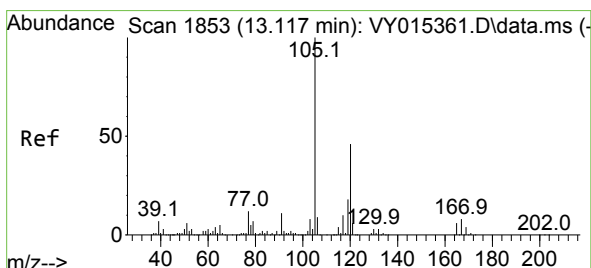
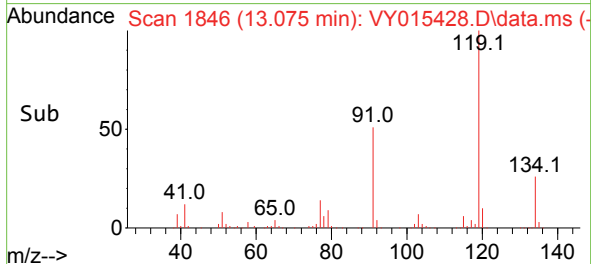
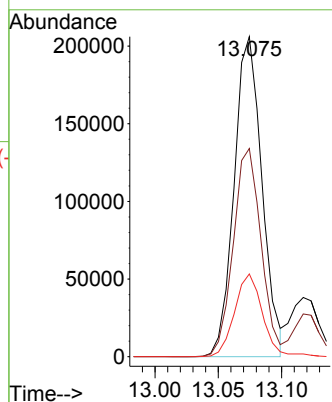
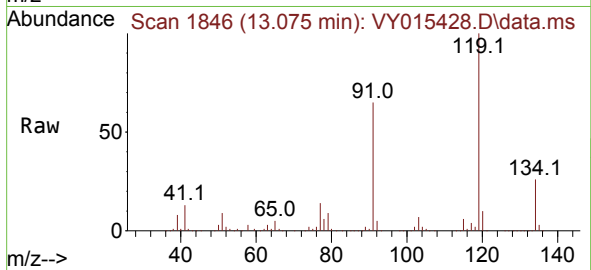




#83
tert-Butylbenzene
Concen: 45.067 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

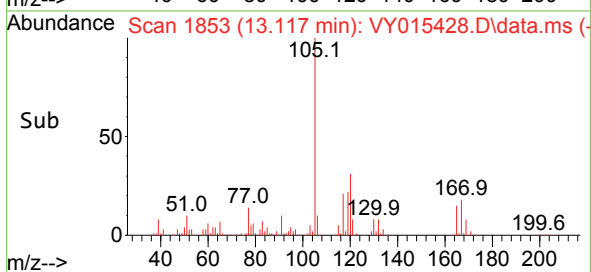
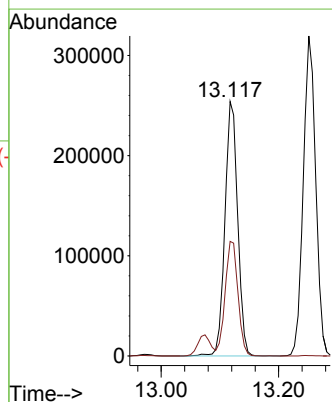
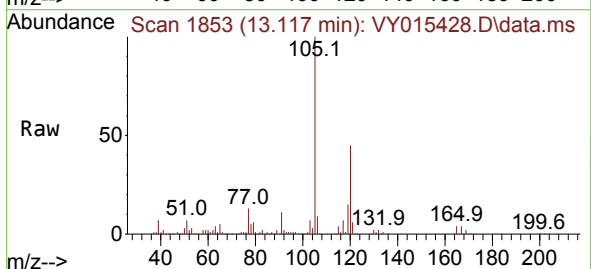
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

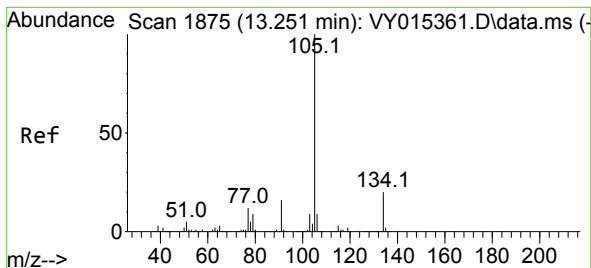
Tgt Ion:119 Resp: 315996
Ion Ratio Lower Upper
119 100
91 64.9 32.9 98.6
134 26.1 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 48.140 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

Tgt Ion:105 Resp: 382639
Ion Ratio Lower Upper
105 100
120 45.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 44.877 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY015428.D

Acq: 01 Sep 2023 20:12

Instrument :

MSVOA_Y

ClientSampleId :

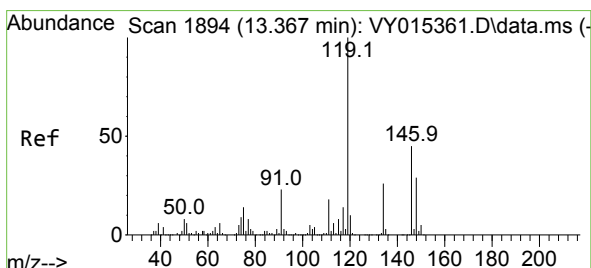
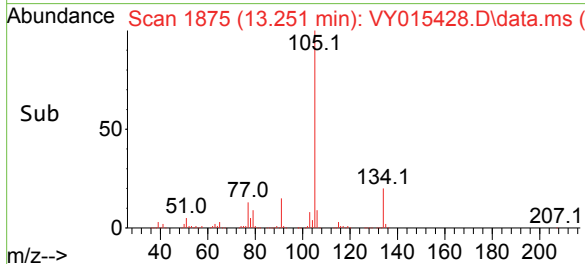
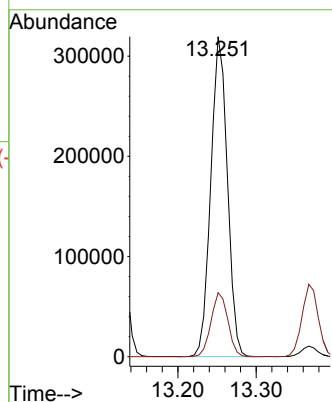
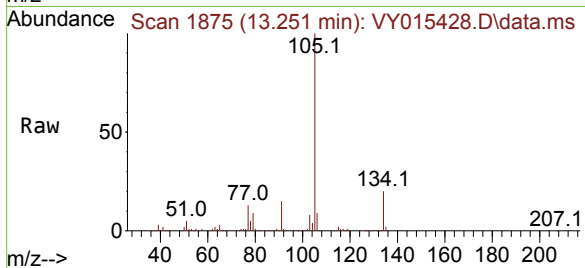
VSTDCCC050EC

Tgt Ion:105 Resp: 469336

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 44.750 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY015428.D

Acq: 01 Sep 2023 20:12

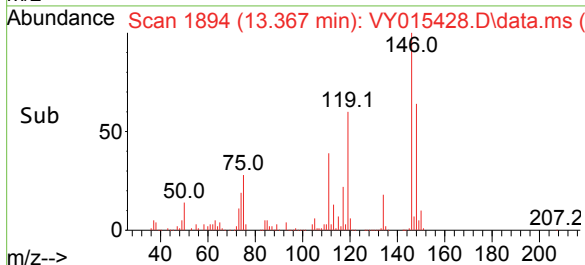
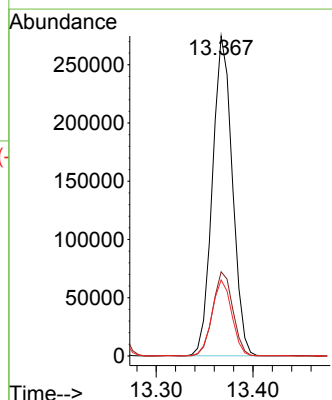
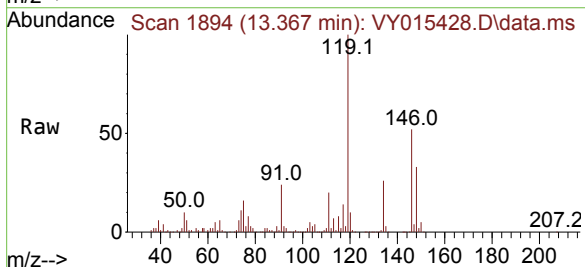
Tgt Ion:119 Resp: 392251

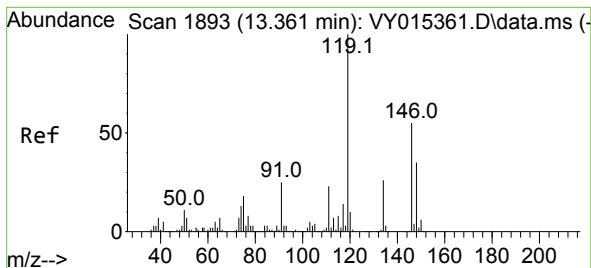
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 23.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 48.325 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015428.D

Acq: 01 Sep 2023 20:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

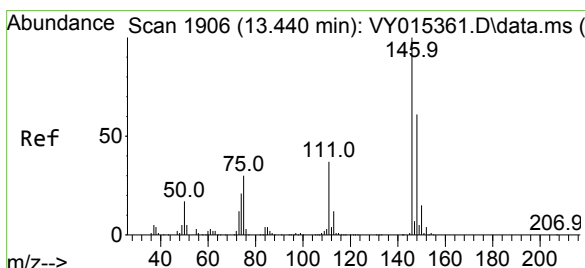
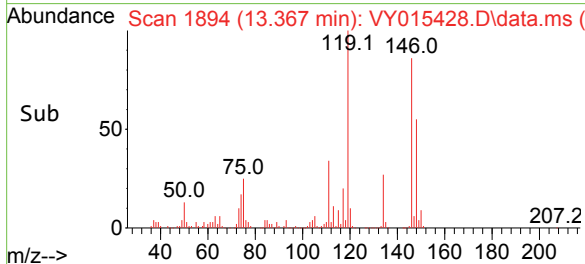
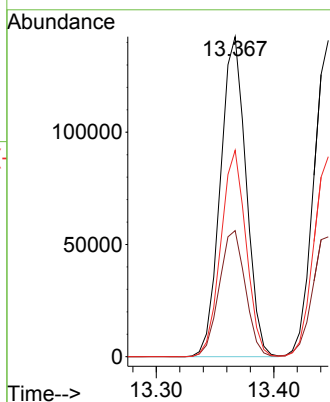
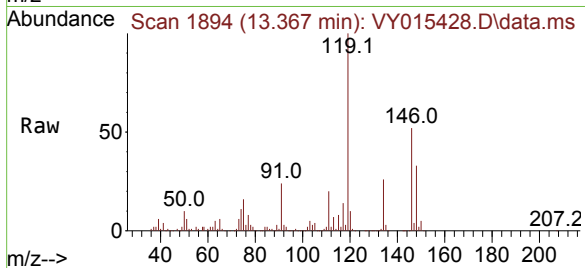
Tgt Ion:146 Resp: 216262

Ion Ratio Lower Upper

146 100

111 40.2 19.4 58.2

148 63.4 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 47.632 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY015428.D

Acq: 01 Sep 2023 20:12

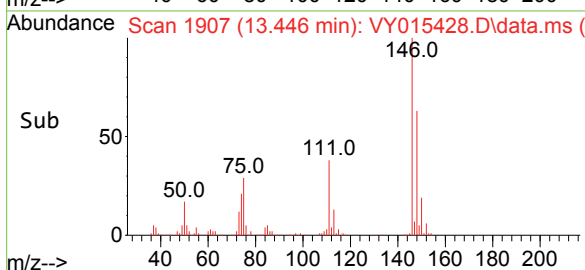
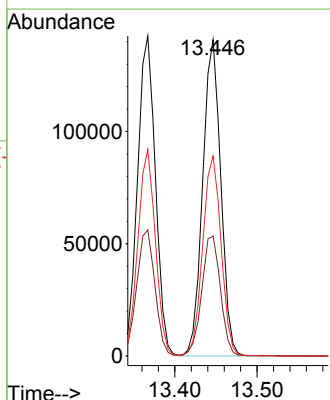
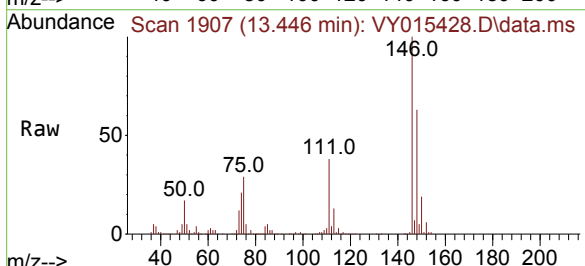
Tgt Ion:146 Resp: 215473

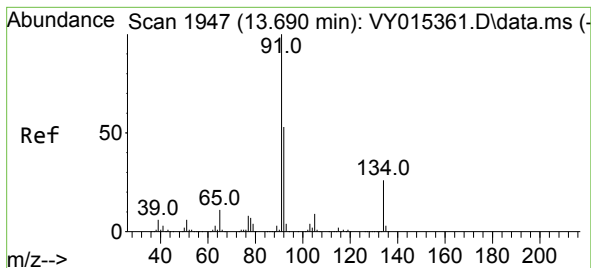
Ion Ratio Lower Upper

146 100

111 39.3 18.9 56.7

148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 43.581 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. -0.000 min

Lab File: VY015428.D

Acq: 01 Sep 2023 20:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

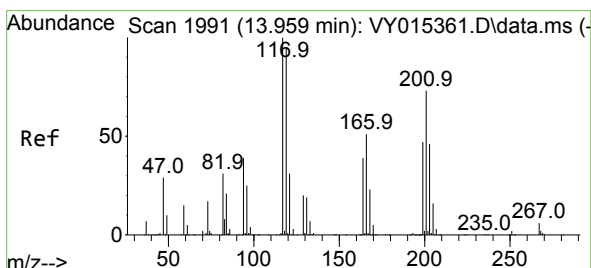
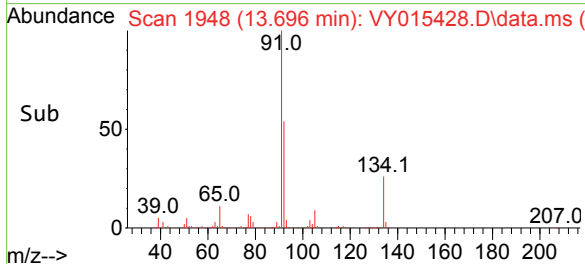
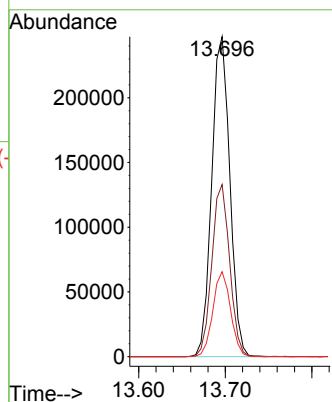
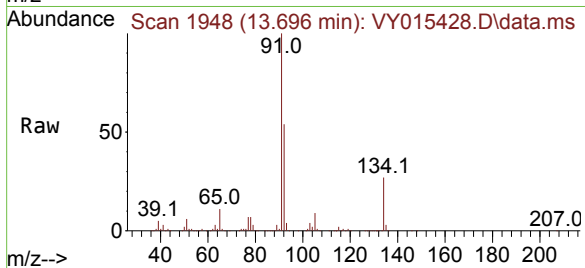
Tgt Ion: 91 Resp: 359546

Ion Ratio Lower Upper

91 100

92 52.9 25.4 76.0

134 26.0 12.6 37.6



#90

Hexachloroethane

Concen: 47.384 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY015428.D

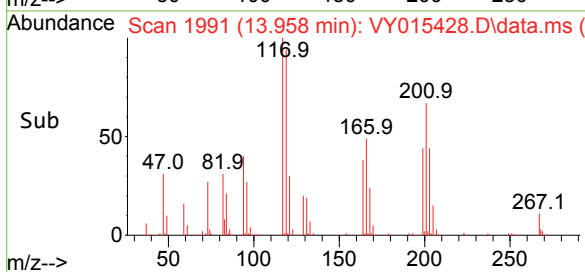
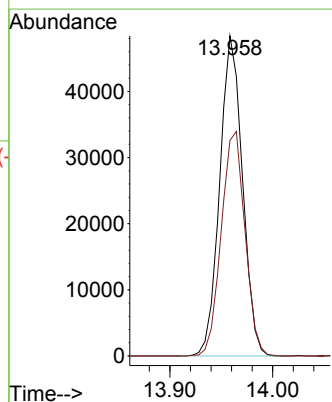
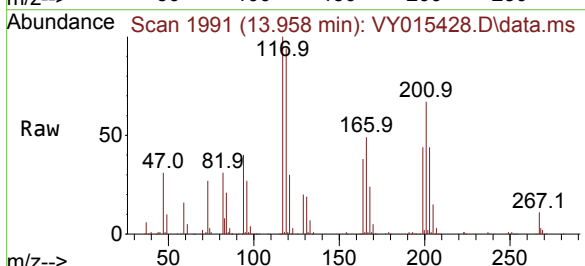
Acq: 01 Sep 2023 20:12

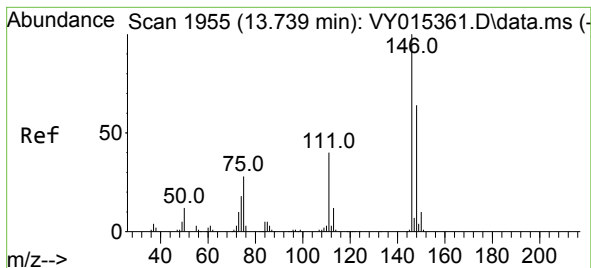
Tgt Ion: 117 Resp: 74283

Ion Ratio Lower Upper

117 100

201 73.3 41.6 124.8

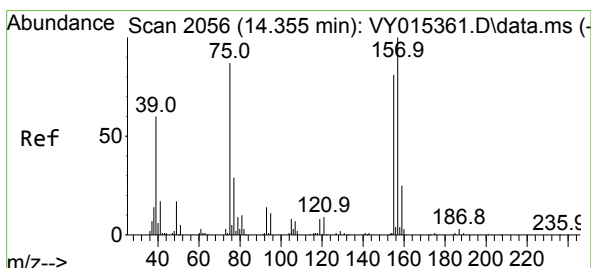
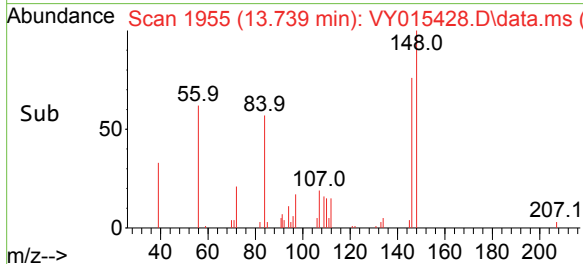
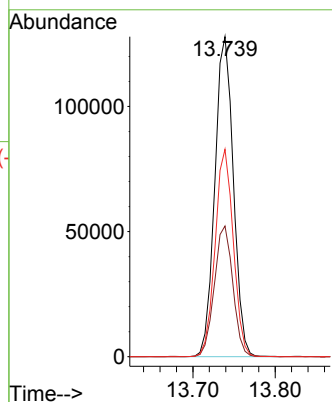
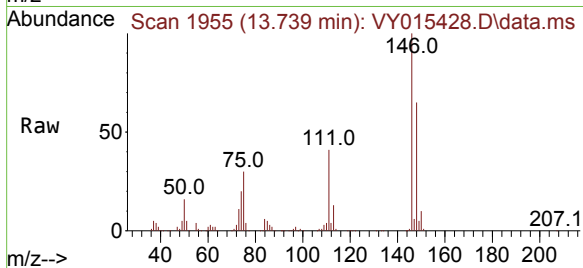




#91
 1,2-Dichlorobenzene
 Concen: 48.979 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. -0.000 min
 Lab File: VY015428.D
 Acq: 01 Sep 2023 20:12

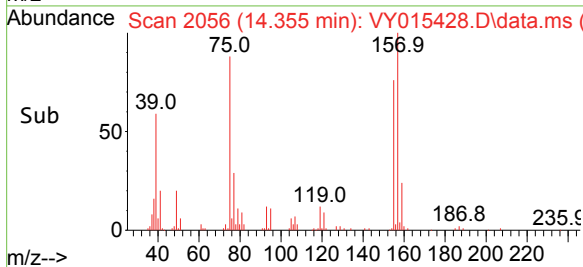
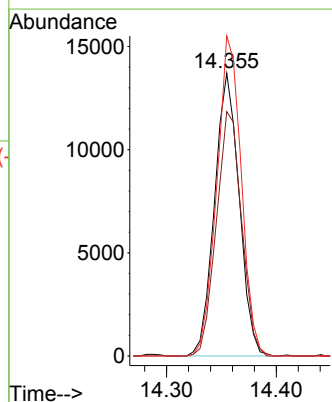
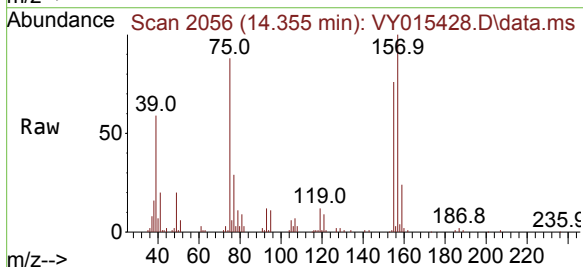
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

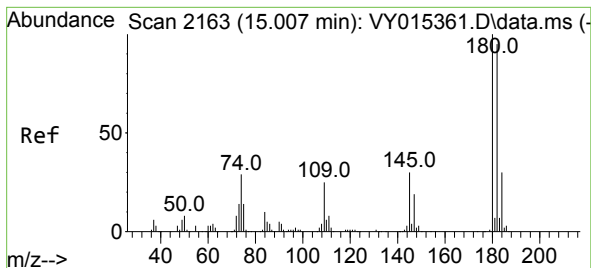
Tgt Ion:146 Resp: 200032
 Ion Ratio Lower Upper
 146 100
 111 40.9 19.7 59.0
 148 63.7 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.269 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY015428.D
 Acq: 01 Sep 2023 20:12

Tgt Ion: 75 Resp: 21364
 Ion Ratio Lower Upper
 75 100
 155 88.4 41.5 124.6
 157 112.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 46.104 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015428.D

Acq: 01 Sep 2023 20:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

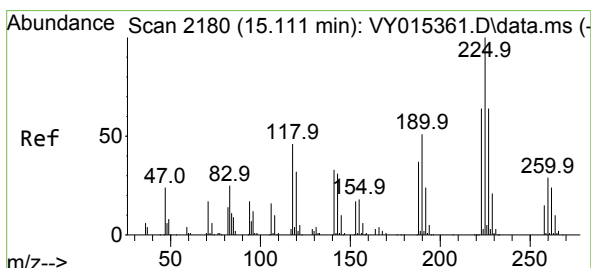
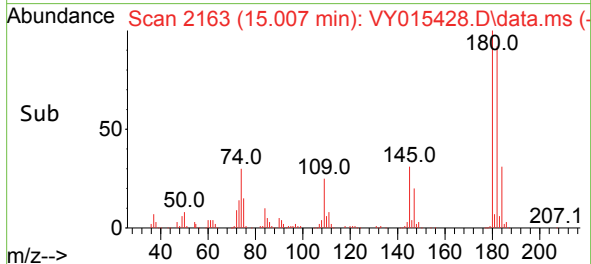
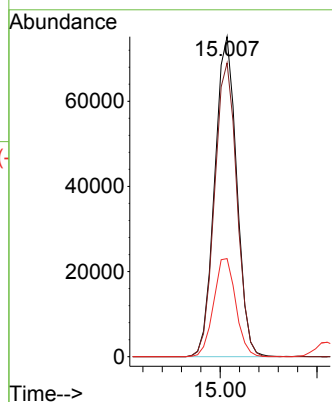
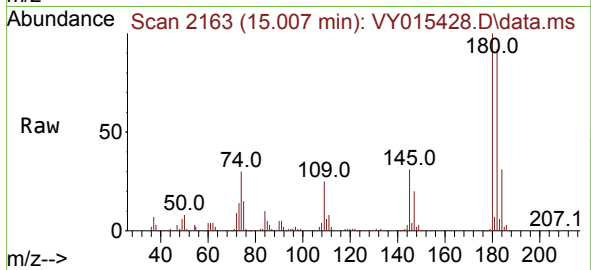
Tgt Ion:180 Resp: 118246

Ion Ratio Lower Upper

180 100

182 93.2 47.0 141.2

145 30.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 38.868 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015428.D

Acq: 01 Sep 2023 20:12

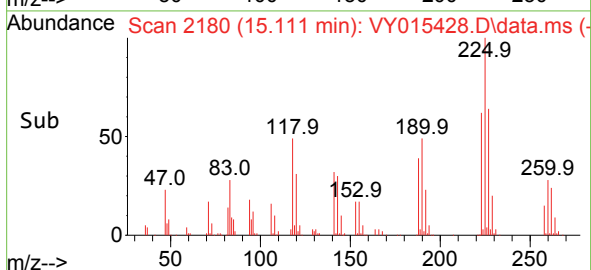
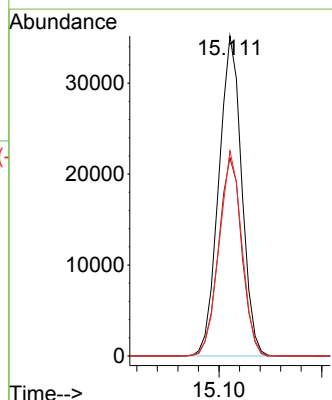
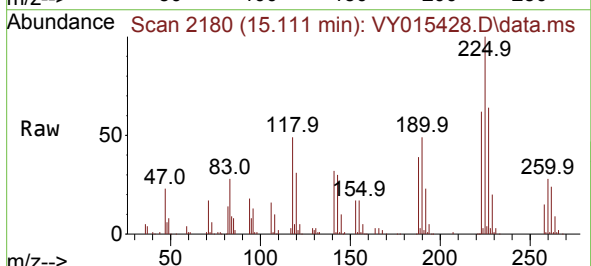
Tgt Ion:225 Resp: 54359

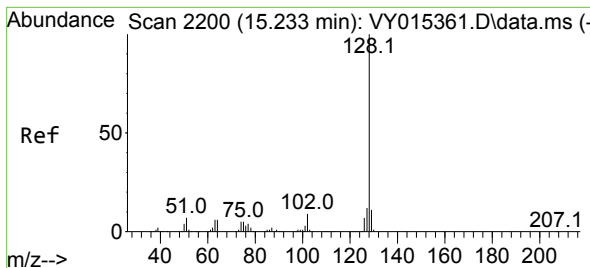
Ion Ratio Lower Upper

225 100

223 63.1 31.9 95.9

227 63.3 33.0 98.9

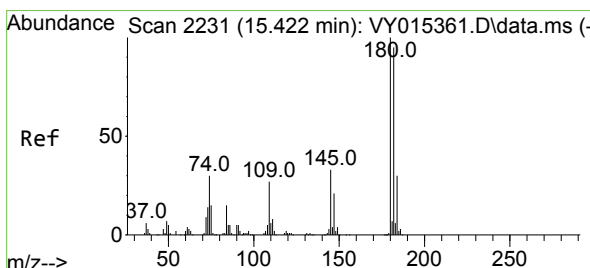
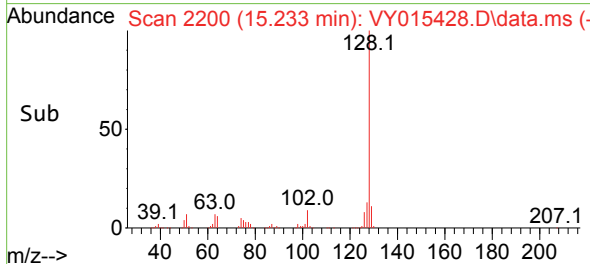
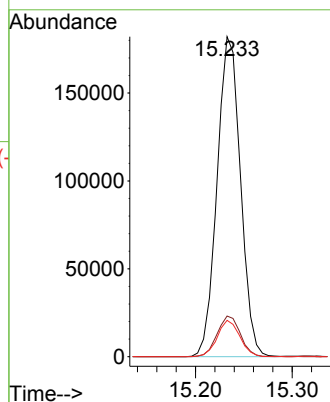
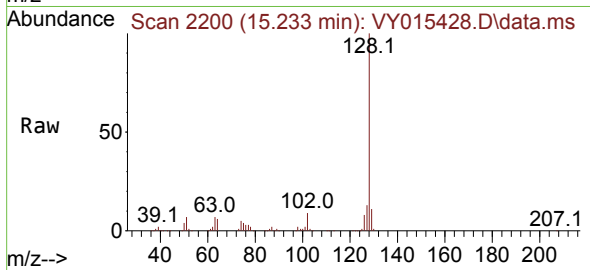




#95
Naphthalene
Concen: 48.156 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 305947
Ion Ratio Lower Upper
128 100
127 12.6 10.8 16.2
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 47.006 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY015428.D
Acq: 01 Sep 2023 20:12

Tgt Ion:180 Resp: 109967
Ion Ratio Lower Upper
180 100
182 93.7 47.3 141.8
145 32.1 15.4 46.2

