

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100523\
 Data File : VY015843.D
 Acq On : 05 Oct 2023 12:14
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 06 05:17:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:15:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	205741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	343653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	309580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	152673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	10028	4.954	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	9.900%#
35) Dibromofluoromethane	7.716	113	9518	4.859	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.720%#
50) Toluene-d8	10.179	98	30653	4.820	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	9.640%#
62) 4-Bromofluorobenzene	12.477	95	12779	4.916	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	9.840%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	4795	5.068	ug/l	95
3) Chloromethane	2.107	50	4851	4.613	ug/l	95
4) Vinyl Chloride	2.247	62	6507	4.913	ug/l #	87
5) Bromomethane	2.650	94	6071	6.644	ug/l	98
6) Chloroethane	2.790	64	4761	5.033	ug/l	96
7) Trichlorofluoromethane	3.119	101	12692	4.940	ug/l	99
8) Diethyl Ether	3.534	74	5249	4.686	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	8209	4.902	ug/l	96
10) Methyl Iodide	4.088	142	5583	6.570	ug/l	98
11) Tert butyl alcohol	4.930	59	7028	Below Cal	#	89
12) 1,1-Dichloroethene	3.869	96	6383	4.766	ug/l	92
13) Acrolein	3.735	56	3350	21.452	ug/l	93
14) Allyl chloride	4.473	41	12167	4.818	ug/l	91
15) Acrylonitrile	5.168	53	21906	25.068	ug/l	97
16) Acetone	3.954	43	29567	28.194	ug/l	94
17) Carbon Disulfide	4.186	76	7671	6.433	ug/l #	91
18) Methyl Acetate	4.485	43	16333	4.785	ug/l	96
19) Methyl tert-butyl Ether	5.222	73	30791	4.864	ug/l	93
20) Methylene Chloride	4.710	84	28636	6.938	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	7180	4.654	ug/l	93
22) Diisopropyl ether	6.119	45	32072	4.891	ug/l	96
23) Vinyl Acetate	6.058	43	95179	23.983	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	17220	4.946	ug/l #	94
25) 2-Butanone	6.990	43	38654	26.796	ug/l	100
26) 2,2-Dichloropropane	6.978	77	17428	5.386	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	10977	4.922	ug/l	98
28) Bromochloromethane	7.332	49	10039	4.930	ug/l	93
29) Tetrahydrofuran	7.356	42	19321	24.004	ug/l	93
30) Chloroform	7.502	83	19657	5.047	ug/l	96
31) Cyclohexane	7.783	56	12885	5.647	ug/l #	64
32) 1,1,1-Trichloroethane	7.698	97	15863	4.982	ug/l	99
36) 1,1-Dichloropropene	7.911	75	11093	4.747	ug/l	99
37) Ethyl Acetate	7.076	43	12967	4.958	ug/l #	92
38) Carbon Tetrachloride	7.899	117	13478	4.905	ug/l	96
39) Methylcyclohexane	9.179	83	11253	4.502	ug/l	97
40) Benzene	8.161	78	35345	4.820	ug/l	99

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 ClientSampleId :
 VSTDICC005

Quant Time: Oct 06 05:17:39 2023
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	17810	14.572	ug/l #	29
42) 1,2-Dichloroethane	8.240	62	12743	4.826	ug/l	92
43) Isopropyl Acetate	8.277	43	21909	4.867	ug/l	98
44) Trichloroethene	8.935	130	10819	5.041	ug/l	99
45) 1,2-Dichloropropane	9.216	63	10664	4.917	ug/l	98
46) Dibromomethane	9.301	93	6824	4.921	ug/l	96
47) Bromodichloromethane	9.496	83	16059	4.989	ug/l	98
48) Methyl methacrylate	9.295	41	9490	4.827	ug/l	90
49) 1,4-Dioxane	9.313	88	2827	91.011	ug/l #	51
51) 4-Methyl-2-Pentanone	10.069	43	69046	24.520	ug/l	94
52) Toluene	10.240	92	23224	4.840	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	15963	4.726	ug/l	92
54) cis-1,3-Dichloropropene	9.923	75	17207	4.799	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	11163	5.124	ug/l	95
56) Ethyl methacrylate	10.508	69	14613	4.626	ug/l	89
57) 1,3-Dichloropropane	10.788	76	17057	4.898	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	42300	22.983	ug/l	94
59) 2-Hexanone	10.831	43	53248	24.369	ug/l	91
60) Dibromochloromethane	10.984	129	12159	4.832	ug/l	100
61) 1,2-Dibromoethane	11.087	107	9925	4.875	ug/l	98
64) Tetrachloroethene	10.715	164	10450	4.802	ug/l	95
65) Chlorobenzene	11.514	112	29360	5.128	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	11683	4.963	ug/l	98
67) Ethyl Benzene	11.593	91	47716	4.869	ug/l	96
68) m/p-Xylenes	11.703	106	35306	9.478	ug/l	97
69) o-Xylene	12.026	106	17438	4.706	ug/l	98
70) Styrene	12.044	104	30055	4.647	ug/l	98
71) Bromoform	12.203	173	8292	4.724	ug/l #	97
73) Isopropylbenzene	12.325	105	49149	4.970	ug/l	99
74) N-amyl acetate	12.142	43	17993	4.708	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	15083	5.163	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	18896	8.361	ug/l #	100
77) Bromobenzene	12.605	156	12309	5.031	ug/l	91
78) n-propylbenzene	12.672	91	58238	4.916	ug/l	99
79) 2-Chlorotoluene	12.752	91	34032	4.989	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	40433	4.906	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	4596	4.707	ug/l	95
82) 4-Chlorotoluene	12.855	91	36042	5.048	ug/l	97
83) tert-Butylbenzene	13.075	119	37881	5.028	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	40631	4.907	ug/l	100
85) sec-Butylbenzene	13.251	105	53921	4.878	ug/l	98
86) p-Isopropyltoluene	13.367	119	45000	4.889	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	25277	5.160	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	25791	5.207	ug/l	92
89) n-Butylbenzene	13.696	91	43162	4.928	ug/l	97
90) Hexachloroethane	13.959	117	8770	4.881	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	23543	5.103	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2907	4.959	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	14759	4.915	ug/l	99
94) Hexachlorobutadiene	15.111	225	7951	5.082	ug/l	98
95) Naphthalene	15.233	128	38699	4.833	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	14588	5.185	ug/l	96

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

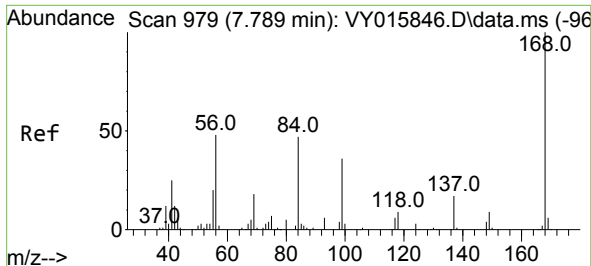
Quant Time: Oct 06 05:17:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 05:15:27 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Oct 06 05:15:27 2023
Response via : Initial Calibration

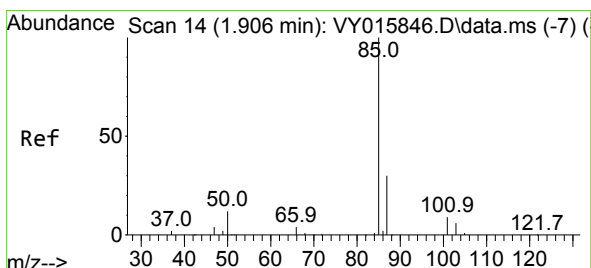
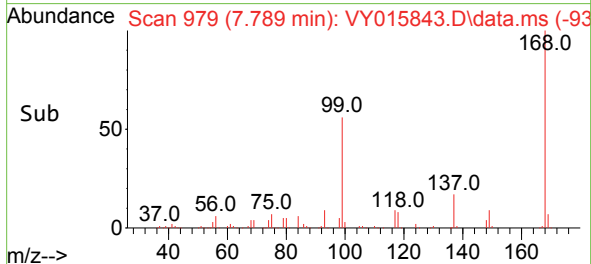
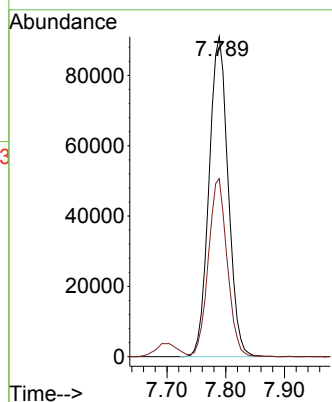
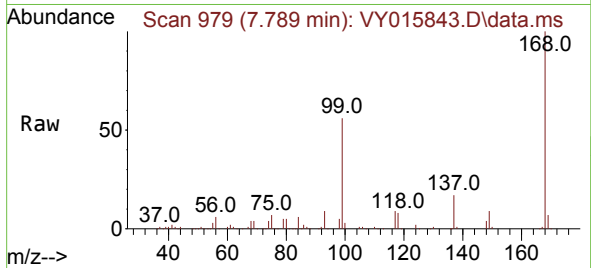




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

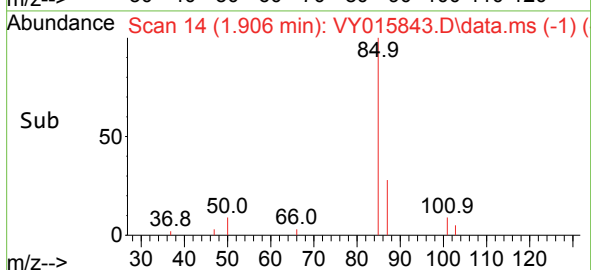
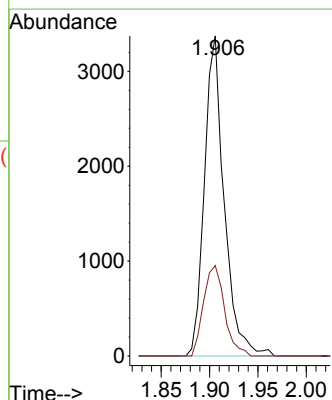
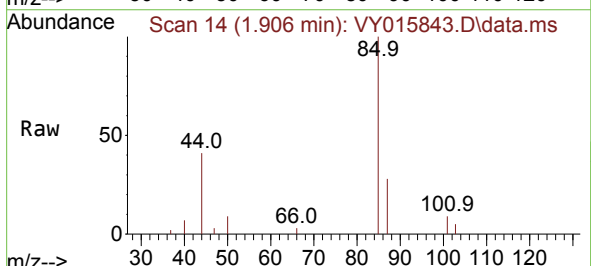
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

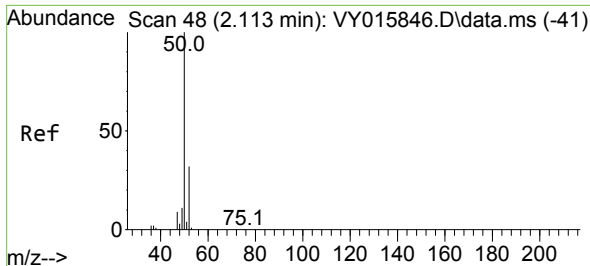
Tgt Ion:168 Resp: 205741
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 5.068 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

Tgt Ion: 85 Resp: 4795
Ion Ratio Lower Upper
85 100
87 28.3 15.6 46.8

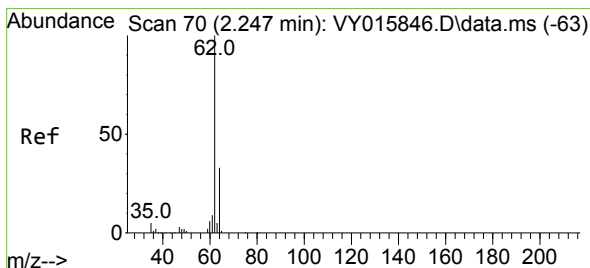
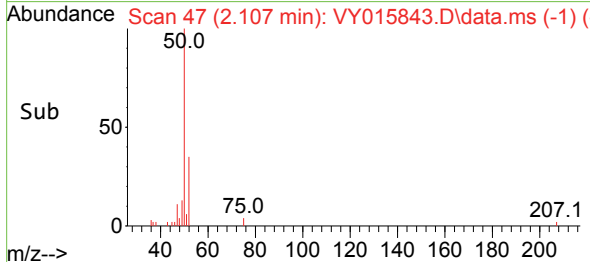
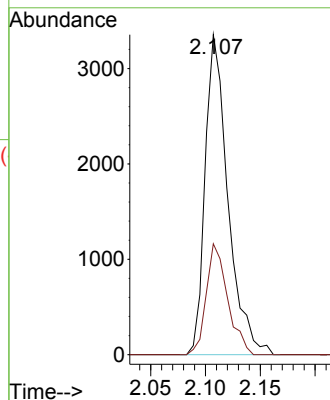
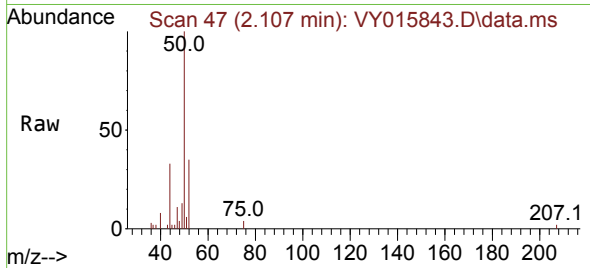




#3
Chloromethane
Concen: 4.613 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

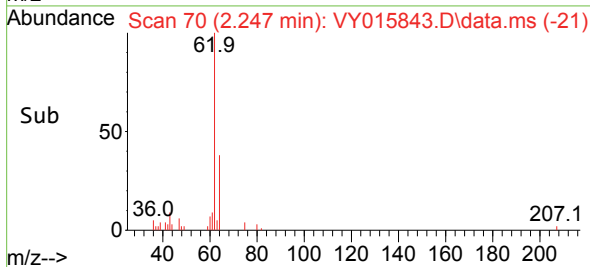
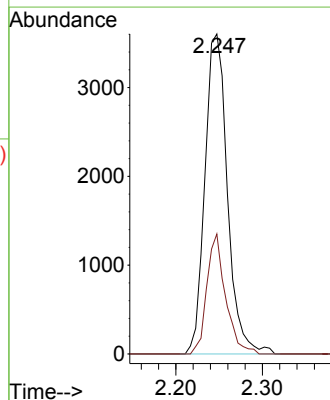
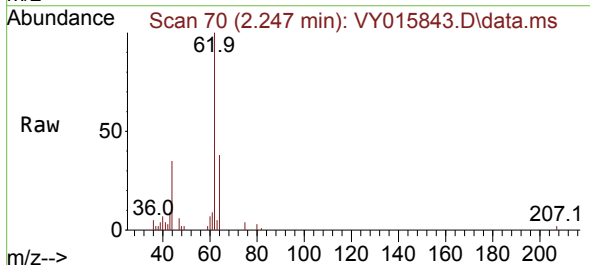
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

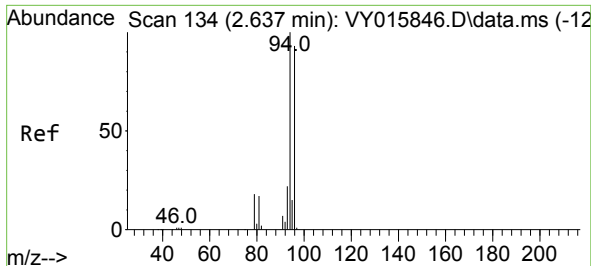
Tgt Ion: 50 Resp: 4851
Ion Ratio Lower Upper
50 100
52 34.7 25.4 38.2



#4
Vinyl Chloride
Concen: 4.913 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

Tgt Ion: 62 Resp: 6507
Ion Ratio Lower Upper
62 100
64 37.5 24.3 36.5#





#5

Bromomethane

Concen: 6.644 ug/l

RT: 2.650 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY015843.D

Acq: 05 Oct 2023 12:14

Instrument :

MSVOA_Y

ClientSampleId :

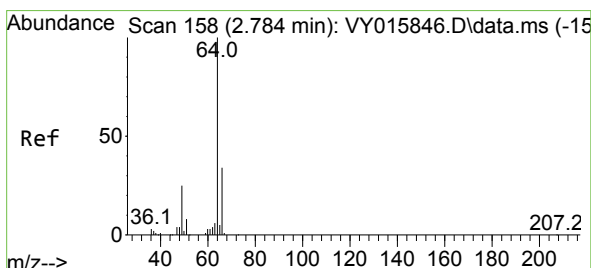
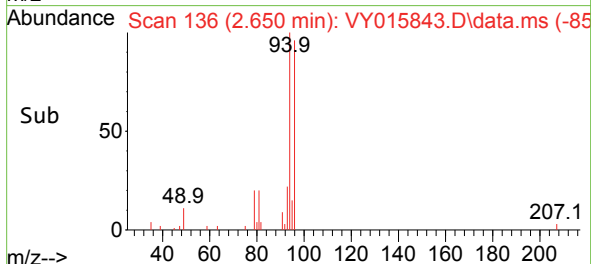
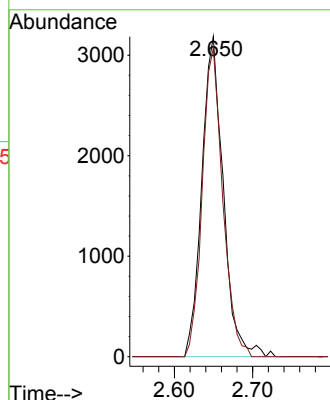
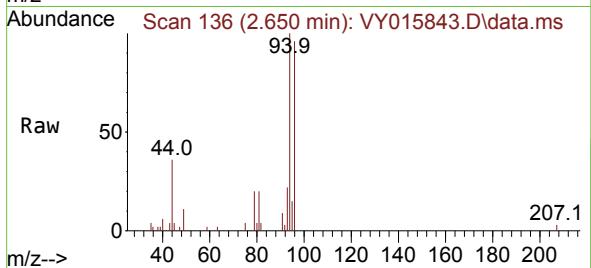
VSTDICC005

Tgt Ion: 94 Resp: 6071

Ion Ratio Lower Upper

94 100

96 96.4 75.8 113.6



#6

Chloroethane

Concen: 5.033 ug/l

RT: 2.790 min Scan# 159

Delta R.T. 0.006 min

Lab File: VY015843.D

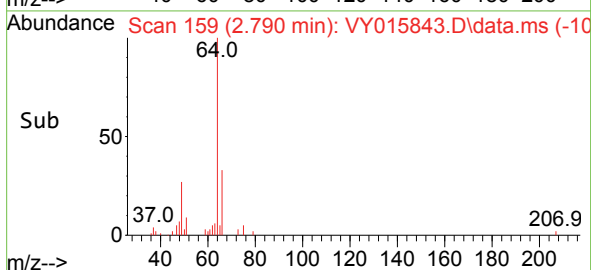
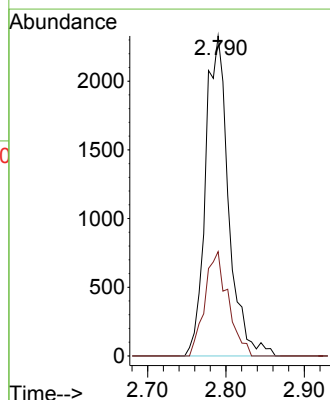
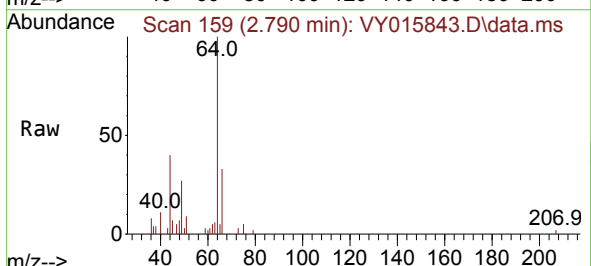
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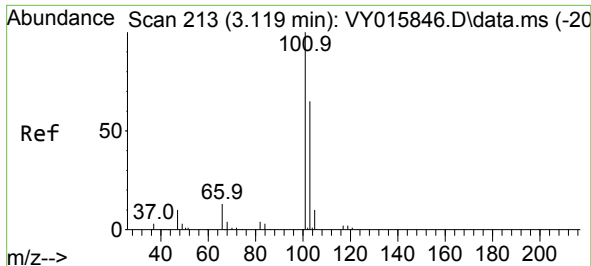
Tgt Ion: 64 Resp: 4761

Ion Ratio Lower Upper

64 100

66 32.6 24.4 36.6

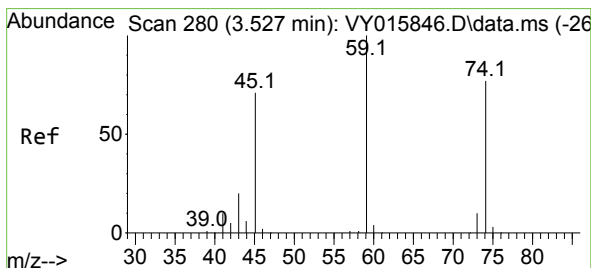
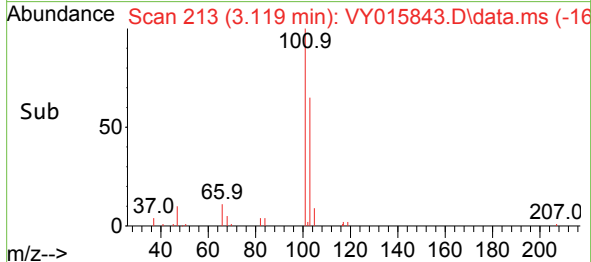
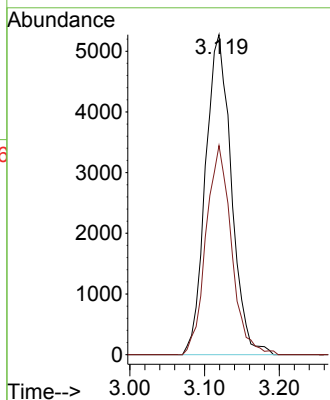
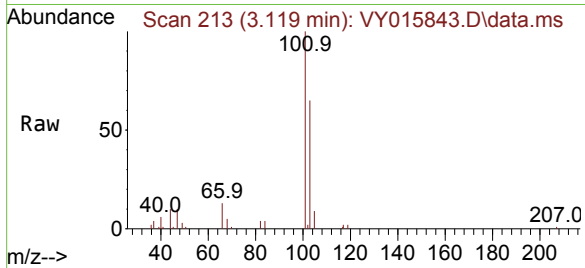




#7
Trichlorofluoromethane
Concen: 4.940 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

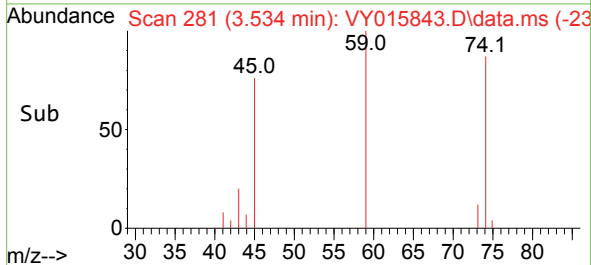
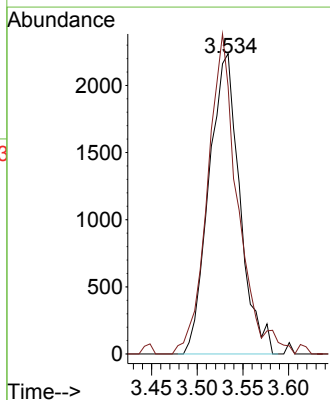
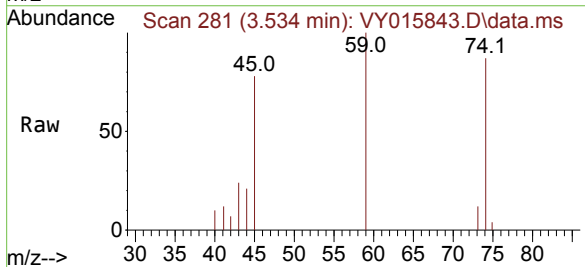
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

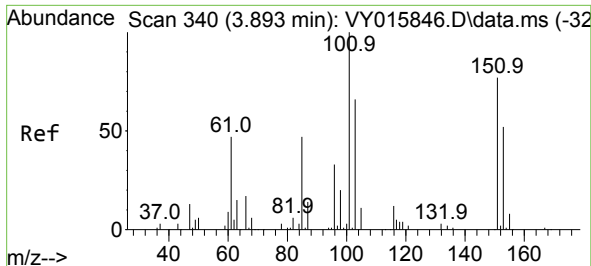
Tgt Ion:101 Resp: 12692
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.0



#8
Diethyl Ether
Concen: 4.686 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

Tgt Ion: 74 Resp: 5249
Ion Ratio Lower Upper
74 100
45 104.2 51.5 154.5

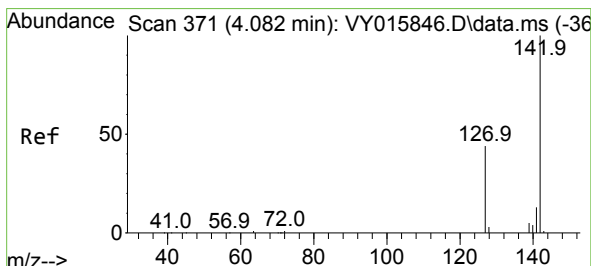
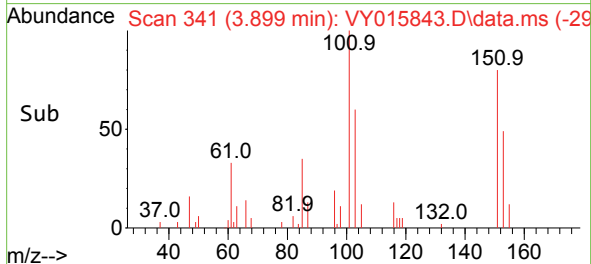
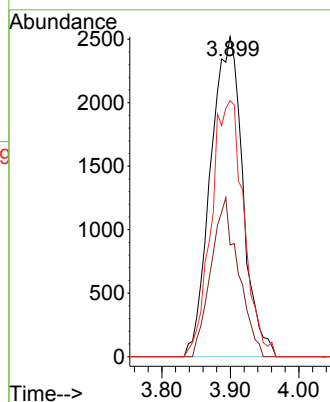
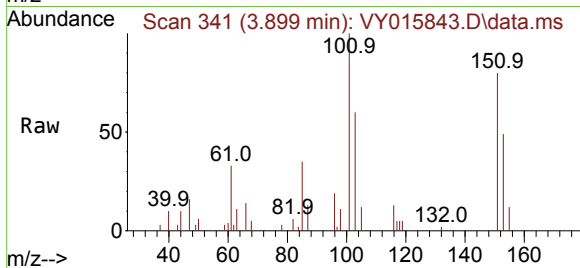




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.902 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY015843.D
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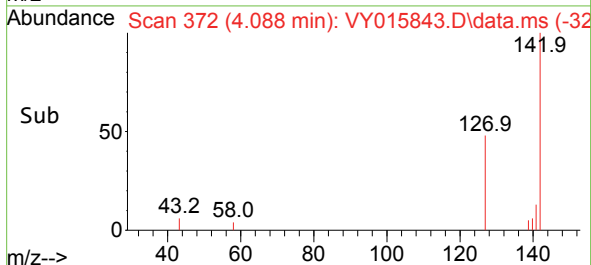
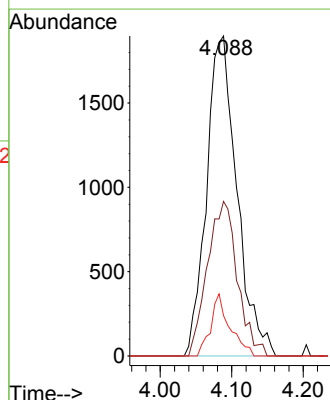
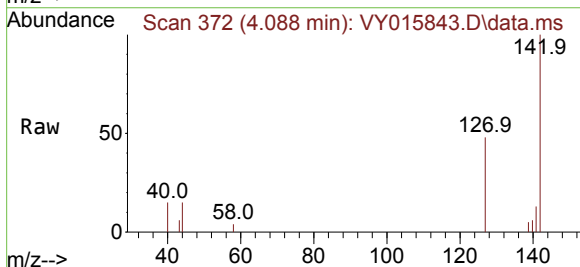
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

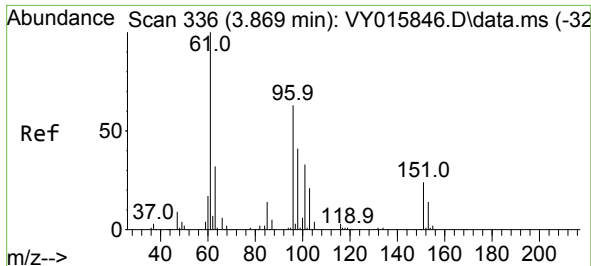
Tgt Ion:101 Resp: 8209
Ion Ratio Lower Upper
101 100
85 42.3 36.6 55.0
151 81.0 67.0 100.6



#10
Methyl Iodide
Concen: 6.570 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

Tgt Ion:142 Resp: 5583
Ion Ratio Lower Upper
142 100
127 47.8 37.6 56.4
141 12.3 11.8 17.8





#12

1,1-Dichloroethene

Concen: 4.766 ug/l

RT: 3.869 min Scan# 314

Delta R.T. 0.000 min

Lab File: VY015843.D

Acq: 05 Oct 2023 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

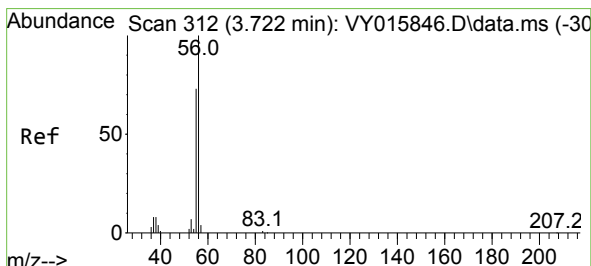
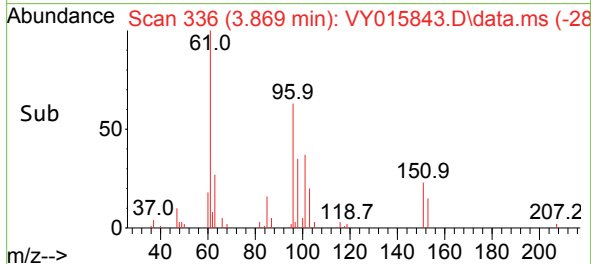
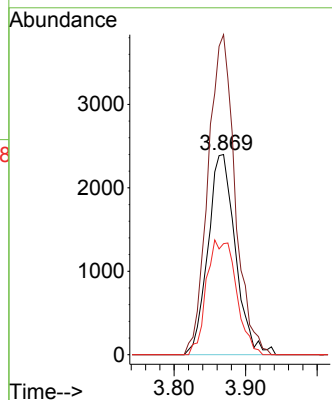
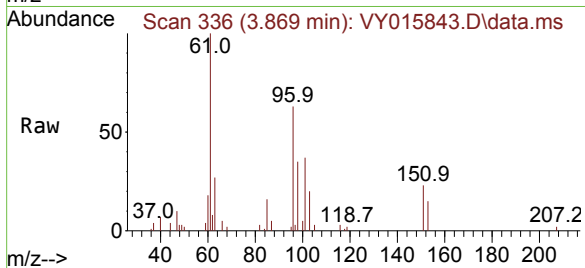
Tgt Ion: 96 Resp: 6383

Ion Ratio Lower Upper

96 100

61 159.9 136.4 204.6

98 55.5 49.4 74.2



#13

Acrolein

Concen: 21.452 ug/l

RT: 3.735 min Scan# 314

Delta R.T. 0.012 min

Lab File: VY015843.D

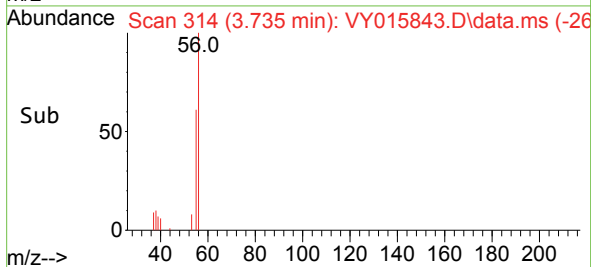
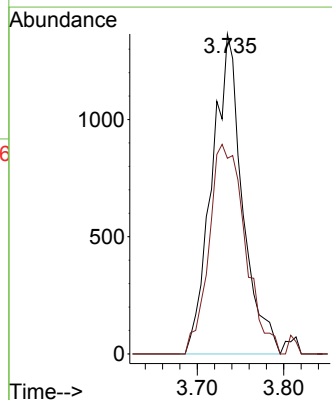
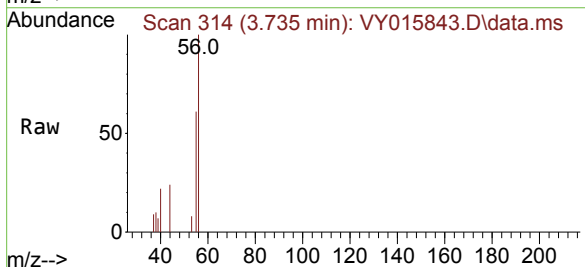
Acq: 05 Oct 2023 12:14

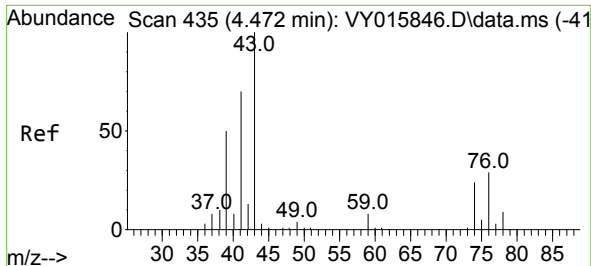
Tgt Ion: 56 Resp: 3350

Ion Ratio Lower Upper

56 100

55 77.4 57.0 85.4

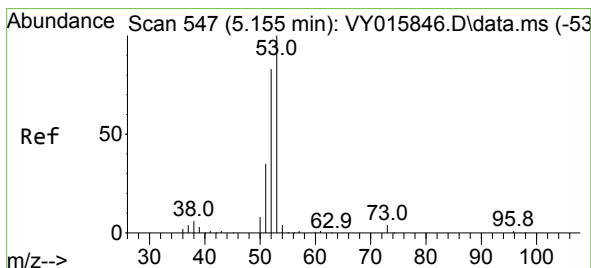
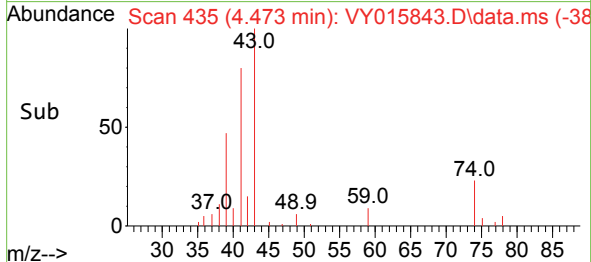
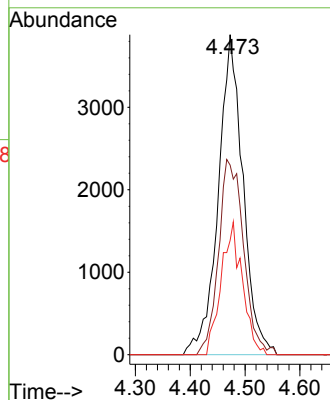
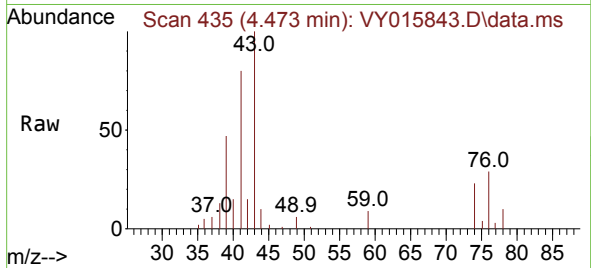




#14
 Allyl chloride
 Concen: 4.818 ug/l
 RT: 4.473 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VY015843.D
 Acq: 05 Oct 2023 12:14

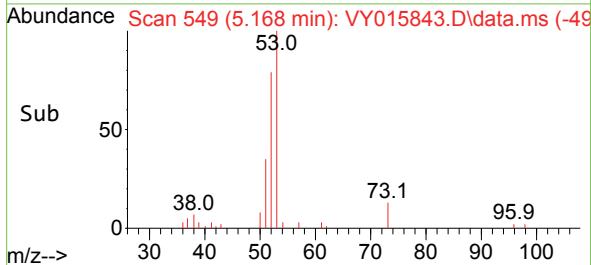
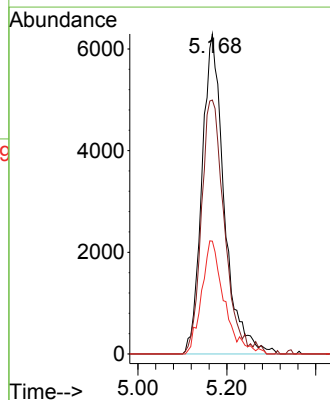
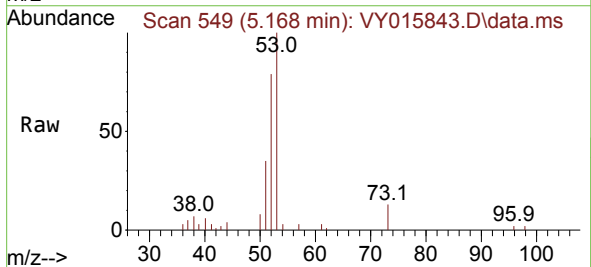
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

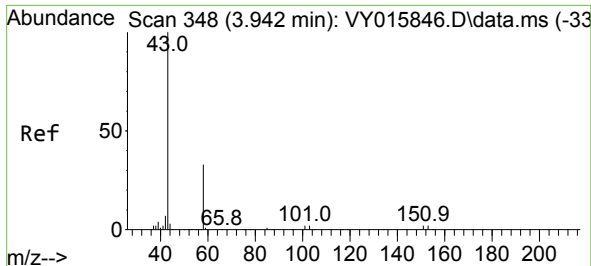
Tgt Ion:	41	Resp:	12167
Ion	Ratio	Lower	Upper
41	100		
39	61.9	58.0	87.0
76	35.6	27.4	41.2



#15
 Acrylonitrile
 Concen: 25.068 ug/l
 RT: 5.168 min Scan# 549
 Delta R.T. 0.012 min
 Lab File: VY015843.D
 Acq: 05 Oct 2023 12:14

Tgt Ion:	53	Resp:	21906
Ion	Ratio	Lower	Upper
53	100		
52	81.2	66.9	100.3
51	35.6	29.8	44.6





#16

Acetone

Concen: 28.194 ug/l

RT: 3.954 min Scan# 3

Delta R.T. 0.012 min

Lab File: VY015843.D

Acq: 05 Oct 2023 12:14

Instrument :

MSVOA_Y

ClientSampleId :

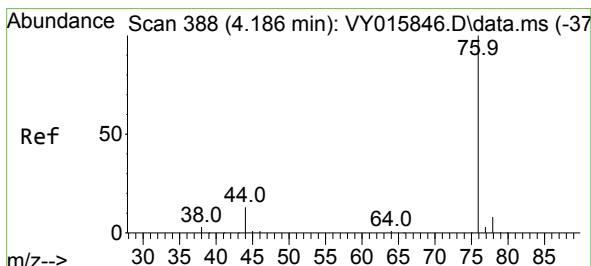
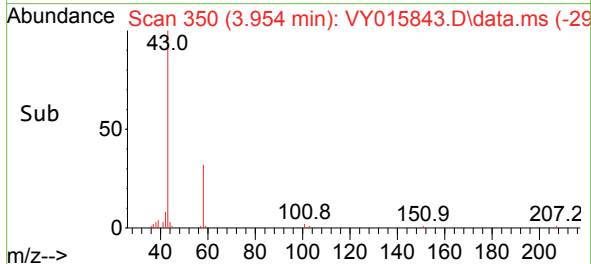
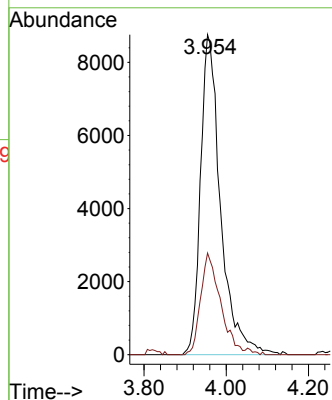
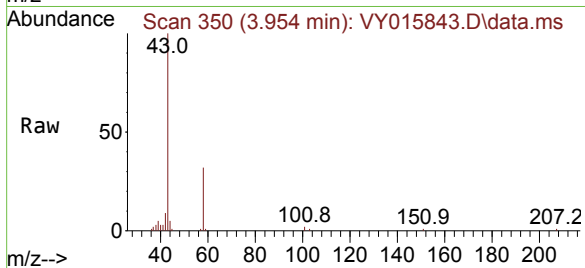
VSTDICC005

Tgt Ion: 43 Resp: 29567

Ion Ratio Lower Upper

43 100

58 31.8 22.7 34.1



#17

Carbon Disulfide

Concen: 6.433 ug/l

RT: 4.186 min Scan# 388

Delta R.T. 0.000 min

Lab File: VY015843.D

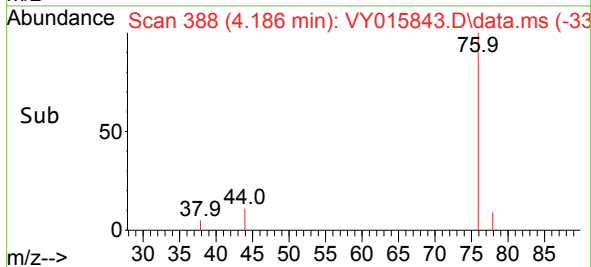
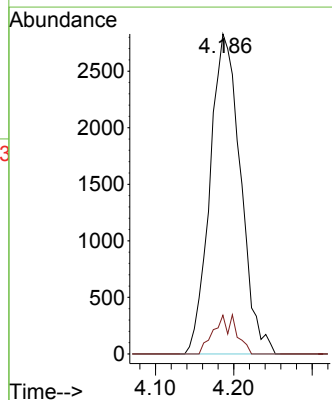
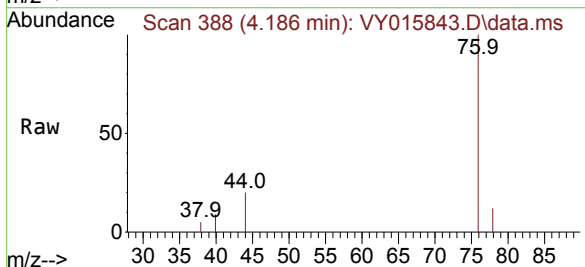
Acq: 05 Oct 2023 12:14

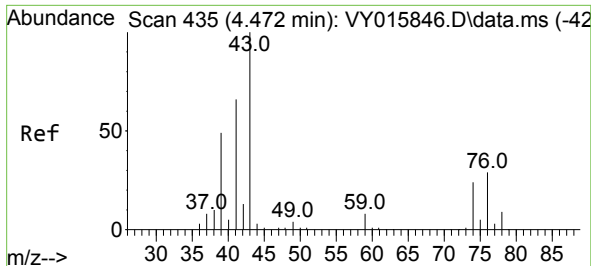
Tgt Ion: 76 Resp: 7671

Ion Ratio Lower Upper

76 100

78 12.1 7.0 10.4#

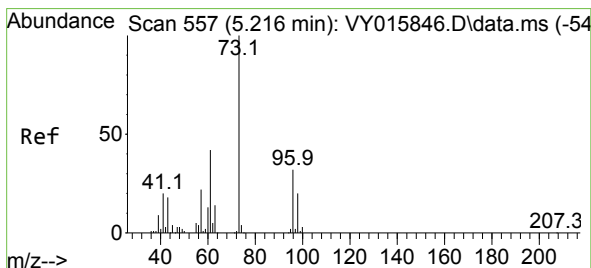
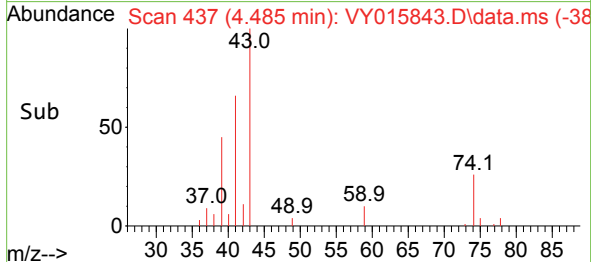
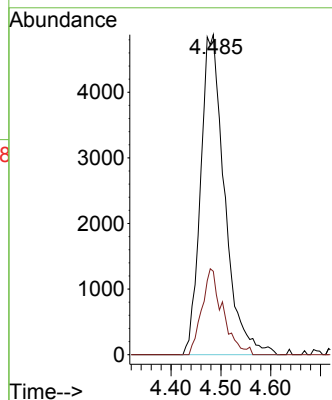
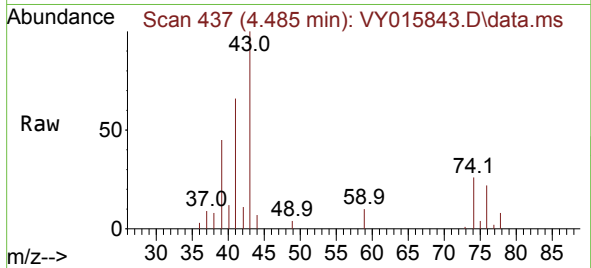




#18
Methyl Acetate
Concen: 4.785 ug/l
RT: 4.485 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

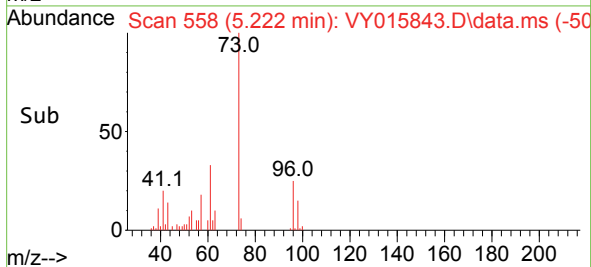
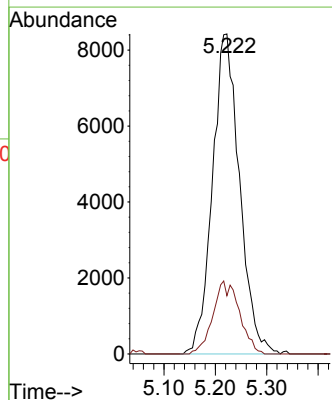
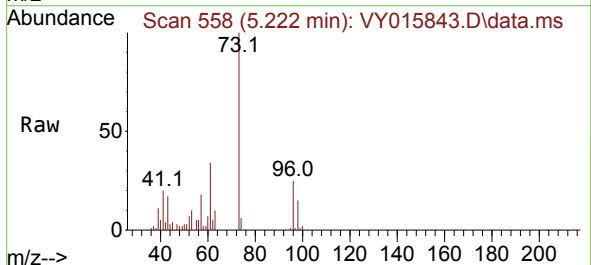
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

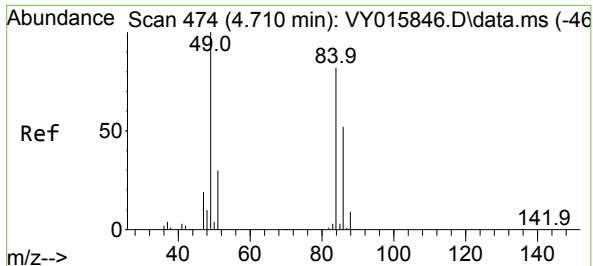
Tgt Ion: 43 Resp: 16333
Ion Ratio Lower Upper
43 100
74 23.4 17.4 26.0



#19
Methyl tert-butyl Ether
Concen: 4.864 ug/l
RT: 5.222 min Scan# 558
Delta R.T. 0.006 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

Tgt Ion: 73 Resp: 30791
Ion Ratio Lower Upper
73 100
57 18.2 17.3 25.9

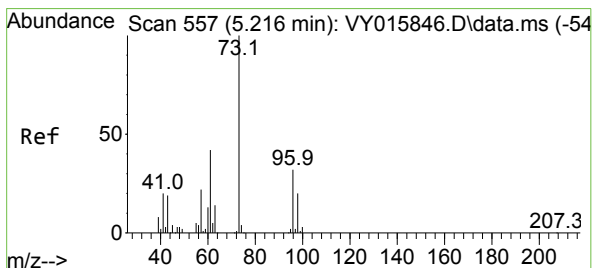
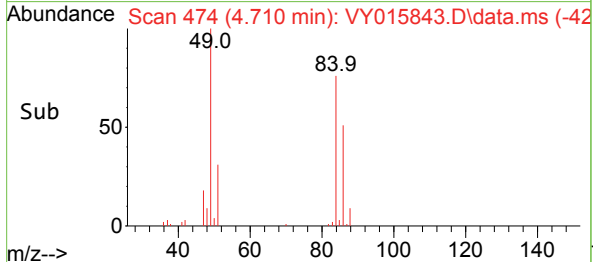
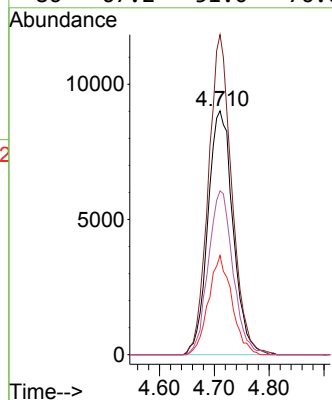
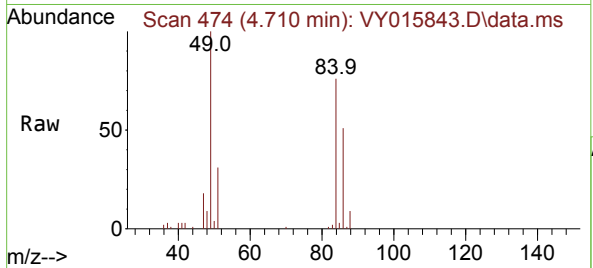




#20
Methylene Chloride
Concen: 6.938 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

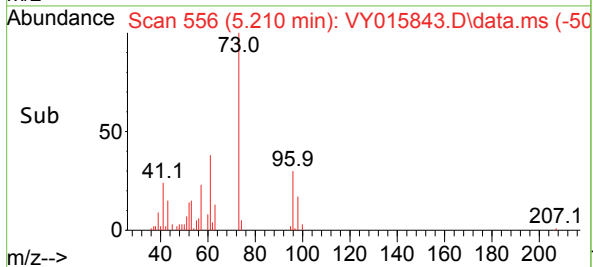
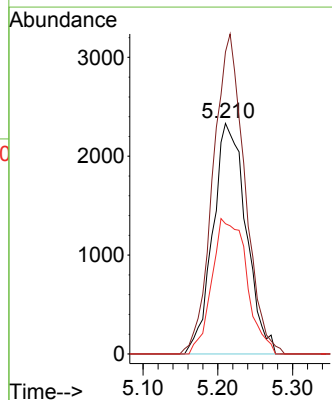
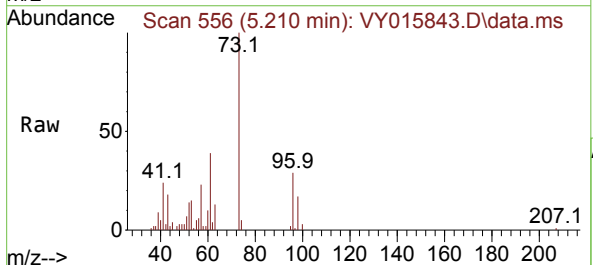
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

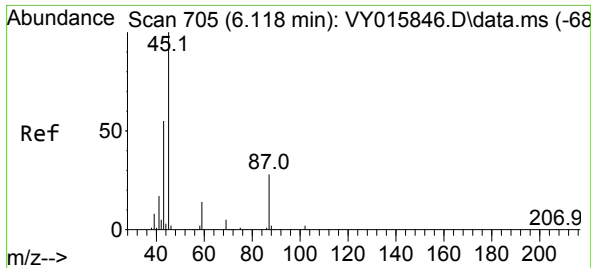
Tgt Ion:	84	Resp:	28636
Ion	Ratio	Lower	Upper
84	100		
49	131.2	106.9	160.3
51	40.7	33.2	49.8
86	67.2	51.0	76.6



#21
trans-1,2-Dichloroethene
Concen: 4.654 ug/l
RT: 5.210 min Scan# 556
Delta R.T. -0.006 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

Tgt Ion:	96	Resp:	7180
Ion	Ratio	Lower	Upper
96	100		
61	131.0	110.2	165.4
98	56.5	51.8	77.6

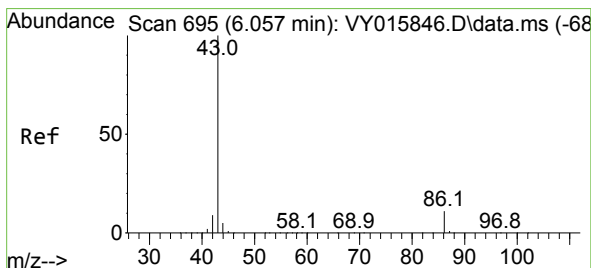
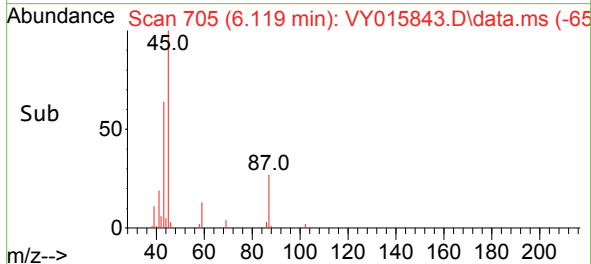
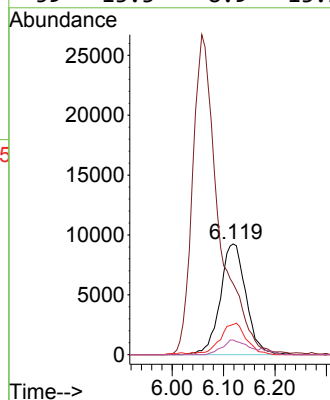
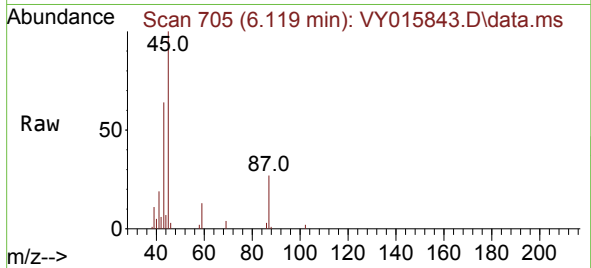




#22
Diisopropyl ether
Concen: 4.891 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

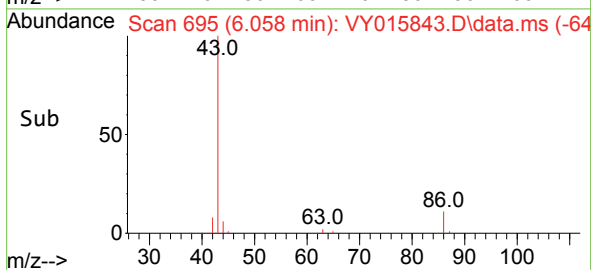
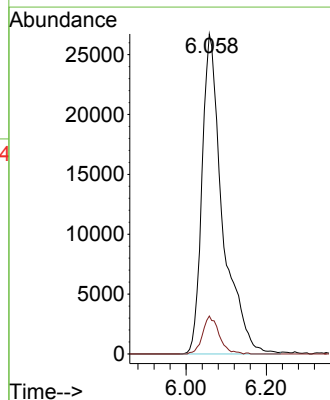
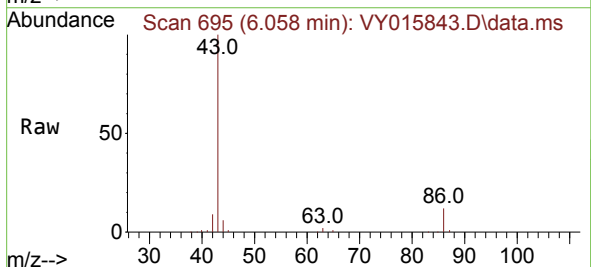
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

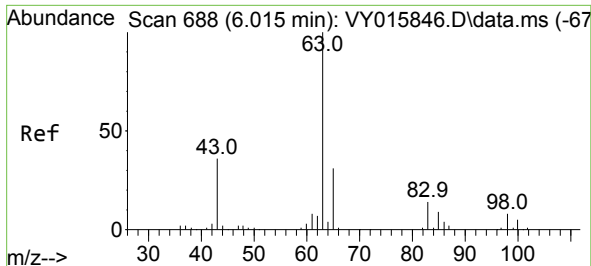
Tgt Ion:	45	Resp:	32072
Ion	Ratio	Lower	Upper
45	100		
43	61.6	52.2	78.4
87	27.3	21.0	31.6
59	13.3	8.9	13.3



#23
Vinyl Acetate
Concen: 23.983 ug/l
RT: 6.058 min Scan# 695
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

Tgt Ion:	43	Resp:	95179
Ion	Ratio	Lower	Upper
43	100		
86	11.8	7.5	11.3

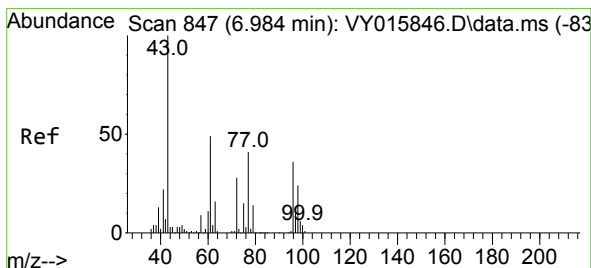
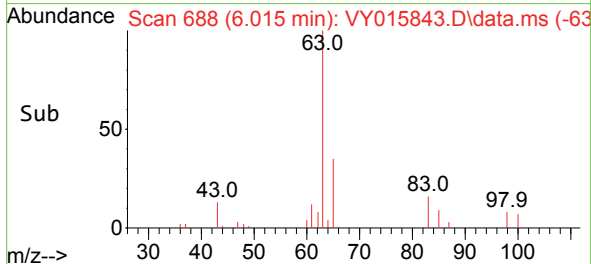
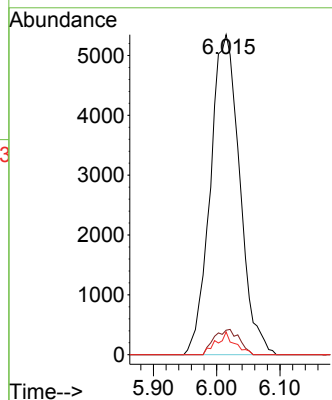
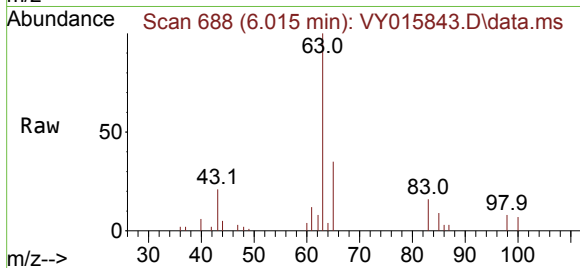




#24
1,1-Dichloroethane
Concen: 4.946 ug/l
RT: 6.015 min Scan# 61
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

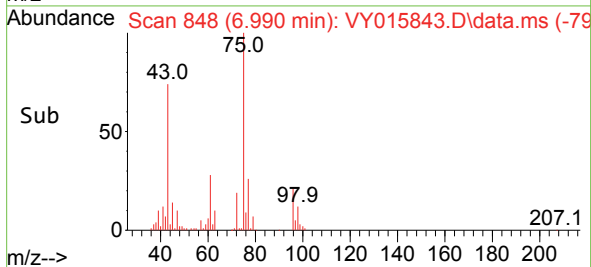
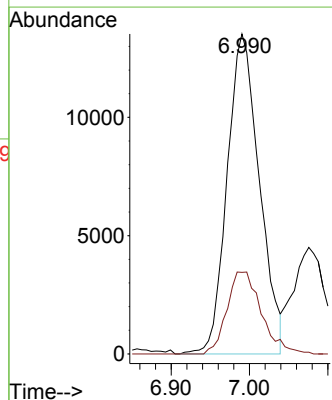
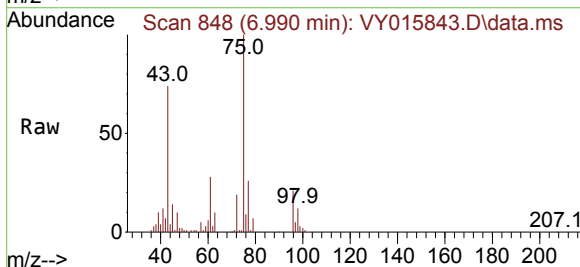
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

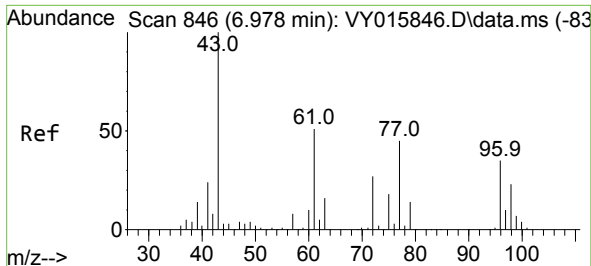
Tgt Ion: 63 Resp: 17220
Ion Ratio Lower Upper
63 100
98 7.6 3.1 9.4
100 7.1 1.8 5.5#



#25
2-Butanone
Concen: 26.796 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

Tgt Ion: 43 Resp: 38654
Ion Ratio Lower Upper
43 100
72 25.5 20.5 30.7

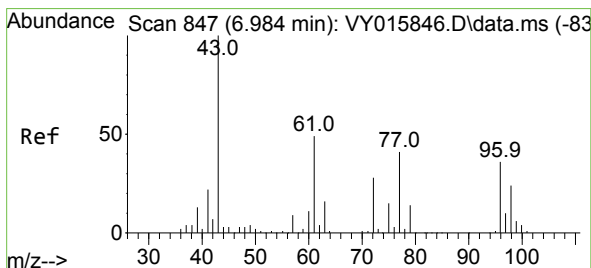
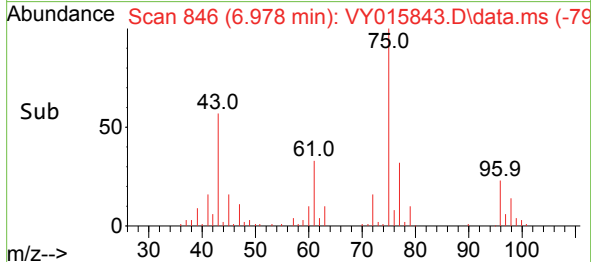
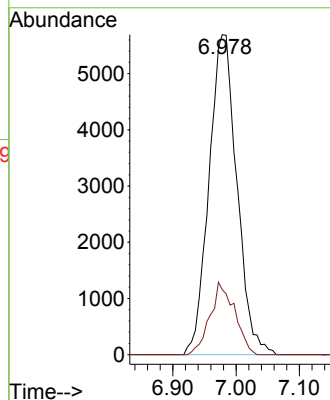
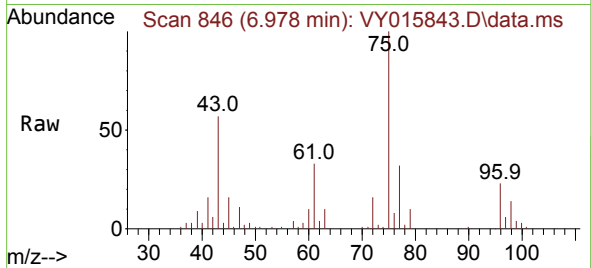




#26
2,2-Dichloropropane
Concen: 5.386 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

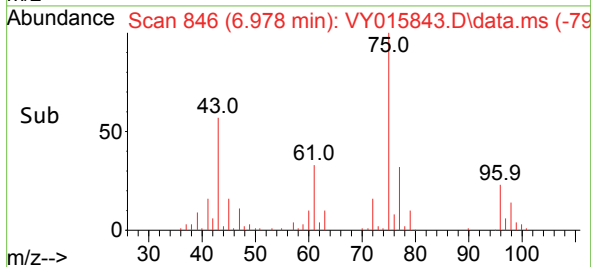
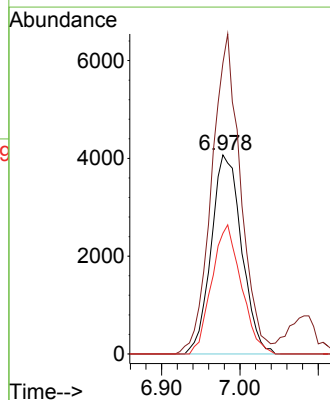
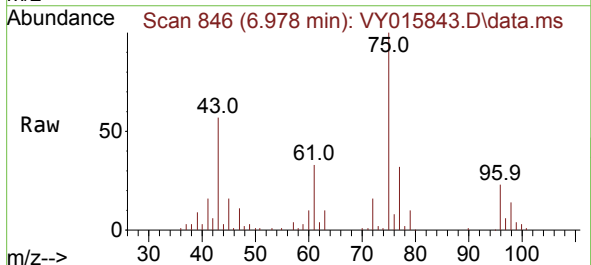
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

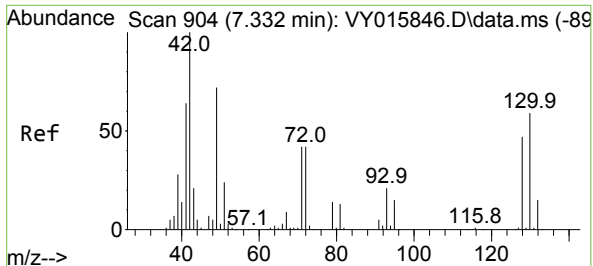
Tgt Ion: 77 Resp: 17428
Ion Ratio Lower Upper
77 100
97 20.0 10.9 32.9



#27
cis-1,2-Dichloroethene
Concen: 4.922 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

Tgt Ion: 96 Resp: 10977
Ion Ratio Lower Upper
96 100
61 152.8 0.0 301.4
98 63.1 0.0 130.4

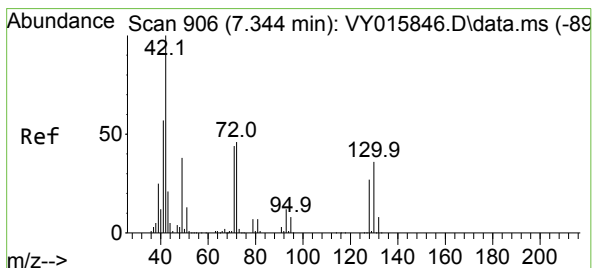
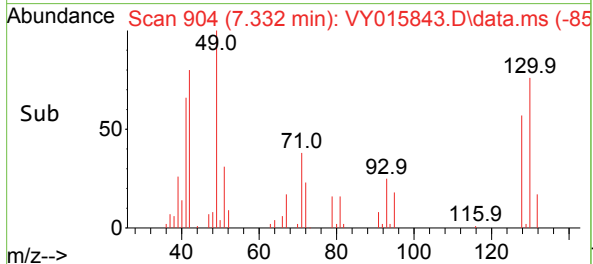
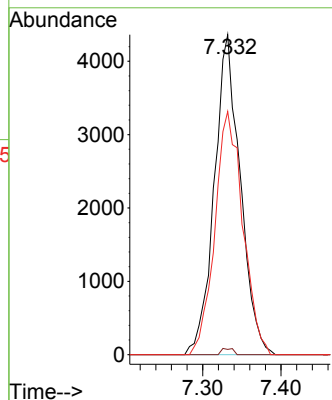
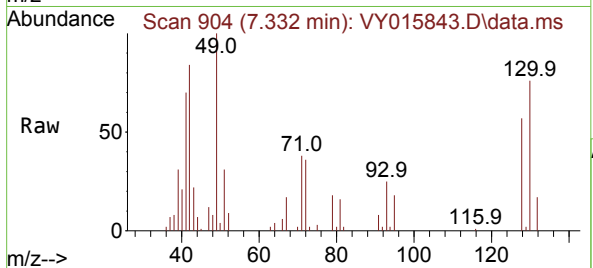




#28
Bromochloromethane
Concen: 4.930 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

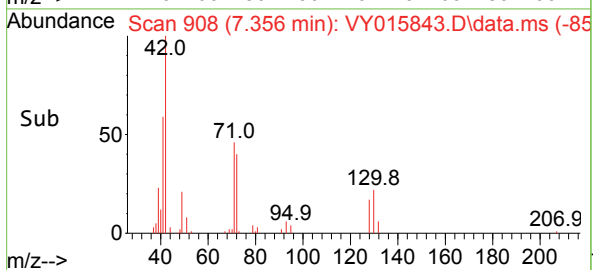
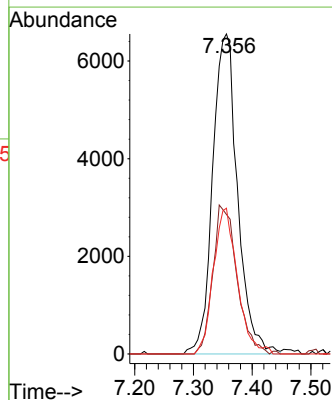
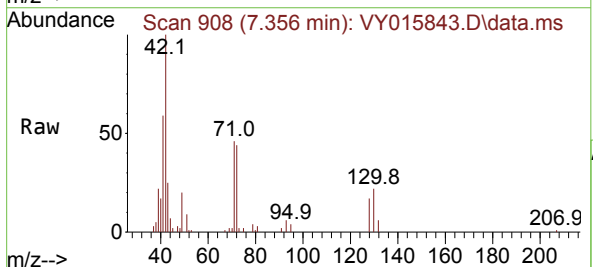
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

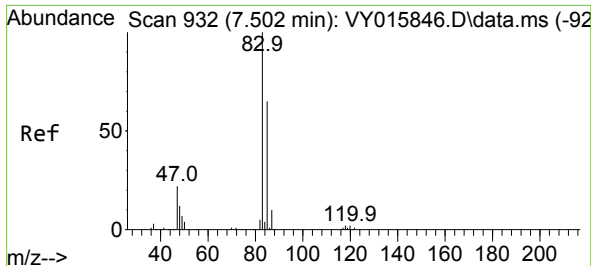
Tgt Ion: 49 Resp: 10039
Ion Ratio Lower Upper
49 100
129 0.9 0.0 4.6
130 81.9 60.7 91.1



#29
Tetrahydrofuran
Concen: 24.004 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.012 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

Tgt Ion: 42 Resp: 19321
Ion Ratio Lower Upper
42 100
72 45.1 32.8 49.2
71 43.9 31.0 46.4





#30

Chloroform

Concen: 5.047 ug/l

RT: 7.502 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY015843.D

Acq: 05 Oct 2023 12:14

Instrument :

MSVOA_Y

ClientSampleId :

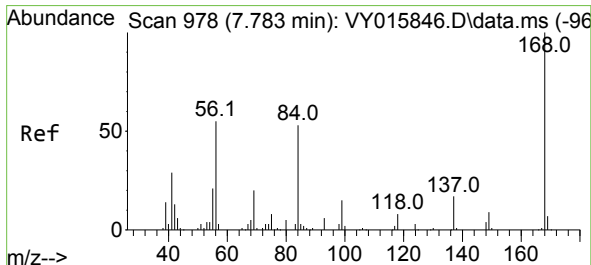
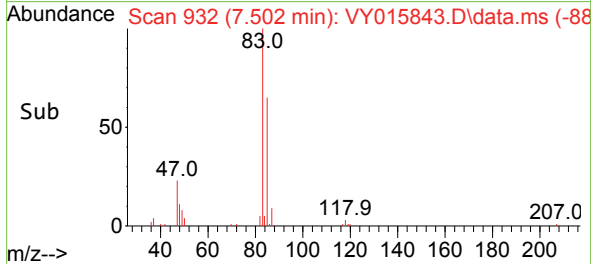
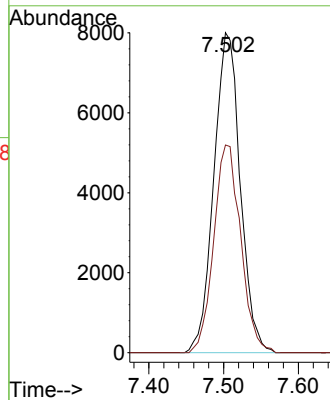
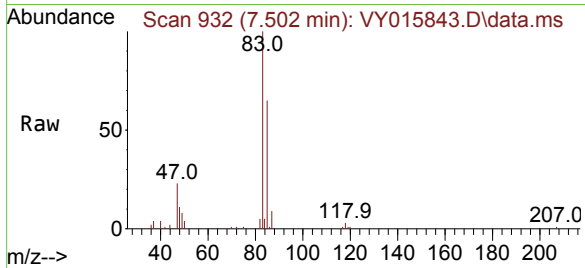
VSTDIC005

Tgt Ion: 83 Resp: 19657

Ion Ratio Lower Upper

83 100

85 64.9 49.7 74.5



#31

Cyclohexane

Concen: 5.647 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.000 min

Lab File: VY015843.D

Acq: 05 Oct 2023 12:14

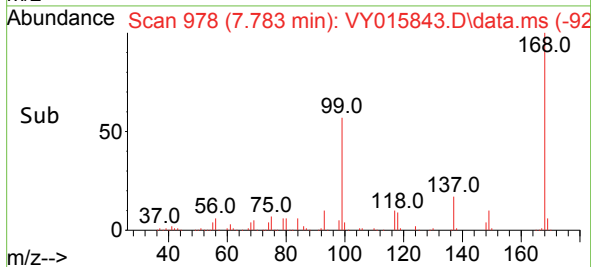
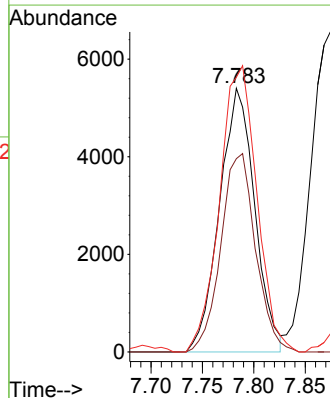
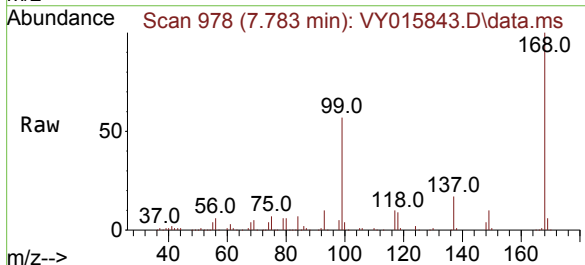
Tgt Ion: 56 Resp: 12885

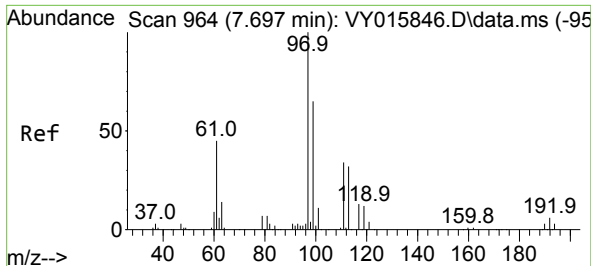
Ion Ratio Lower Upper

56 100

69 73.3 27.8 41.6#

84 104.2 66.4 99.6#

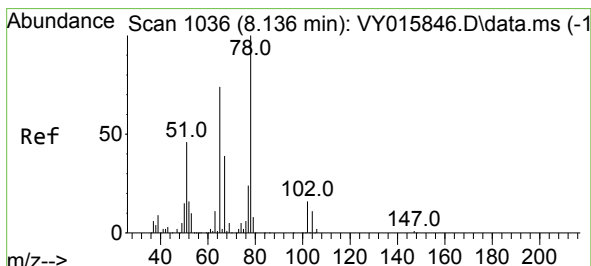
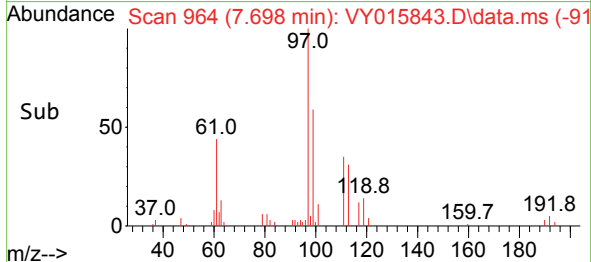
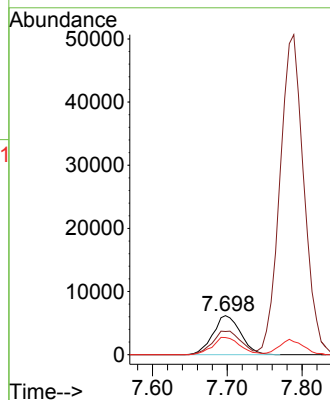
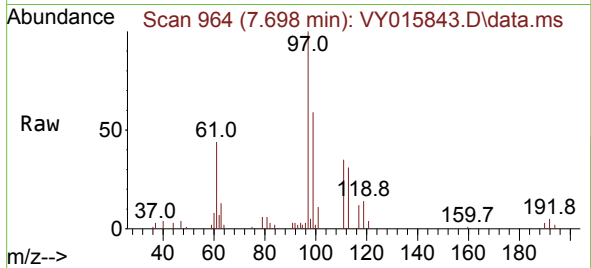




#32
1,1,1-Trichloroethane
Concen: 4.982 ug/l
RT: 7.698 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

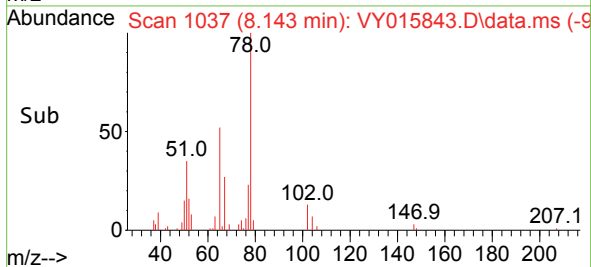
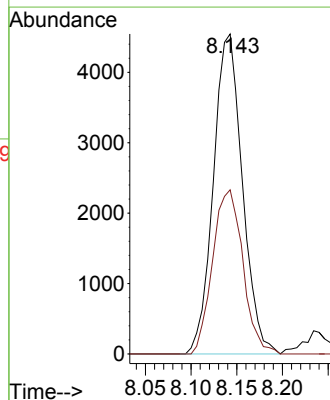
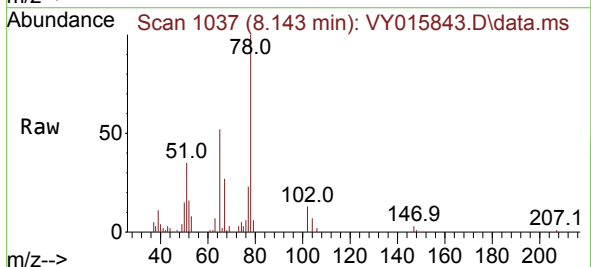
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

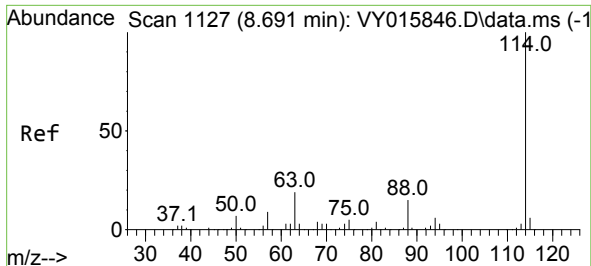
Tgt Ion: 97 Resp: 15863
Ion Ratio Lower Upper
97 100
99 62.2 50.8 76.2
61 44.1 35.1 52.7



#33
1,2-Dichloroethane-d4
Concen: 4.954 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

Tgt Ion: 65 Resp: 10028
Ion Ratio Lower Upper
65 100
67 53.5 0.0 101.8

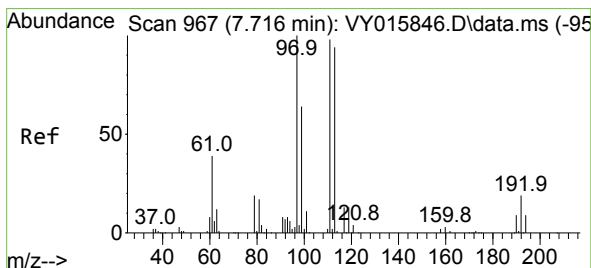
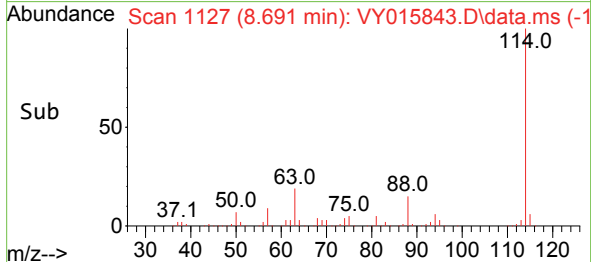
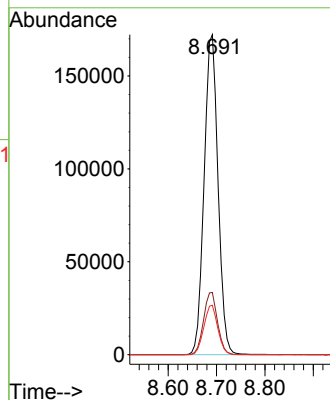
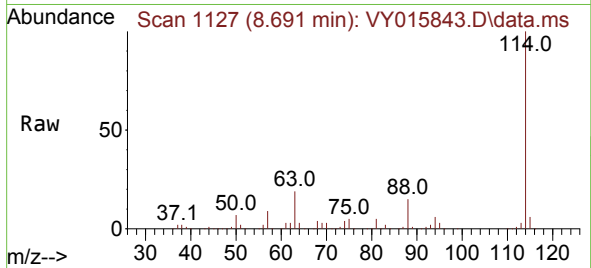




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

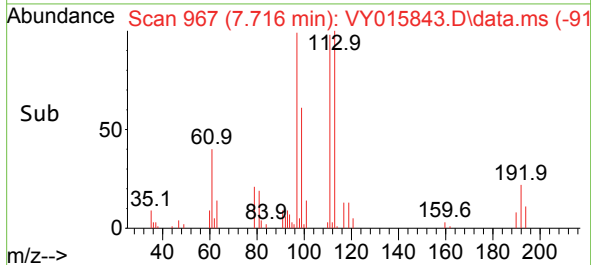
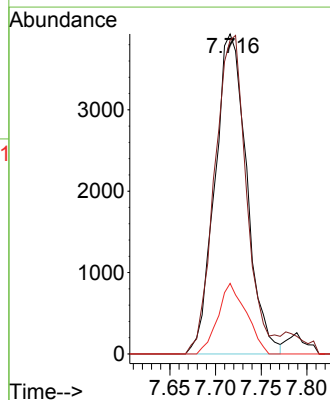
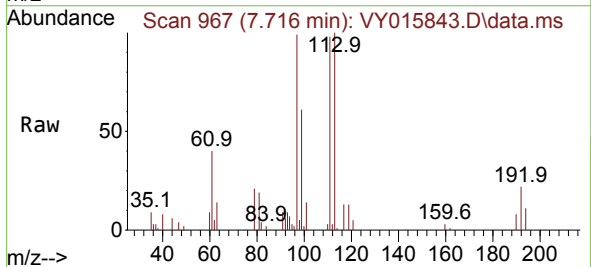
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

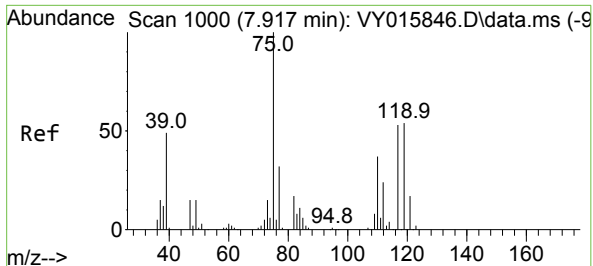
Tgt Ion:114 Resp: 343653
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 4.859 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

Tgt Ion:113 Resp: 9518
Ion Ratio Lower Upper
113 100
111 99.9 81.3 121.9
192 19.7 16.9 25.3

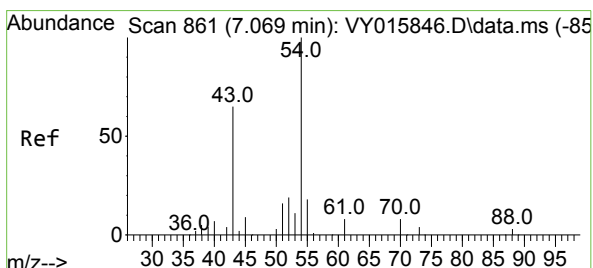
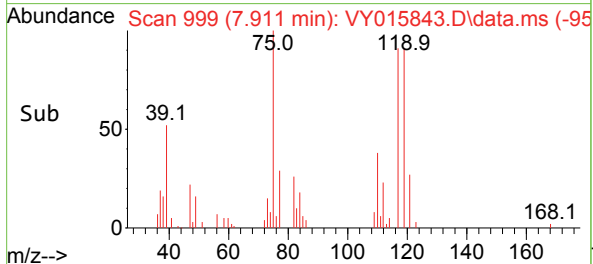
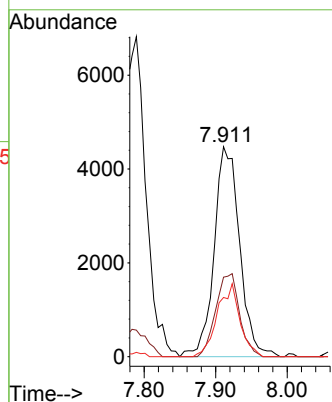
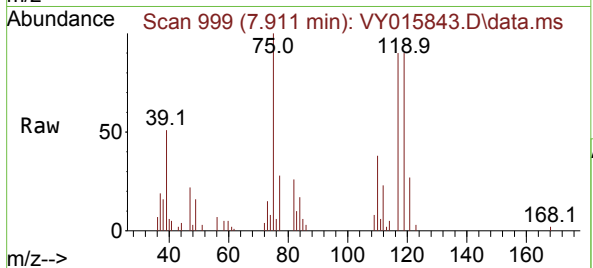




#36
 1,1-Dichloropropene
 Concen: 4.747 ug/l
 RT: 7.911 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VY015843.D
 Acq: 05 Oct 2023 12:14

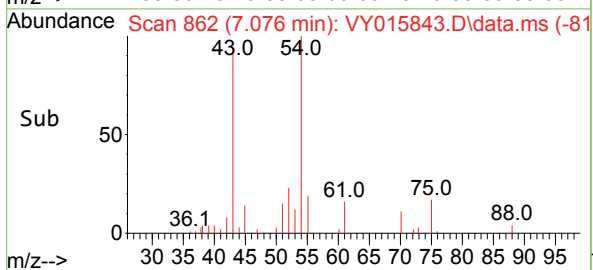
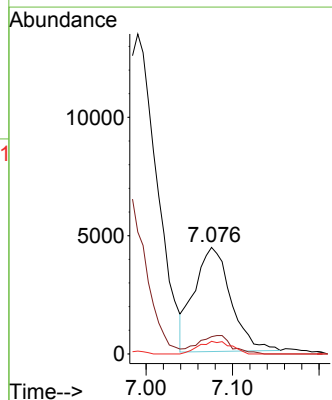
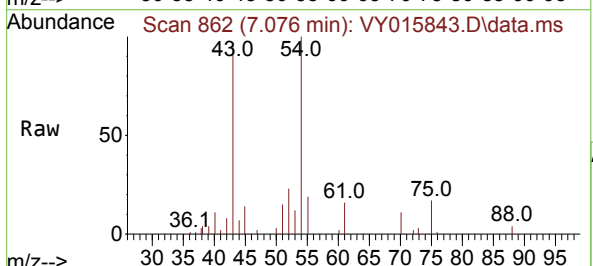
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

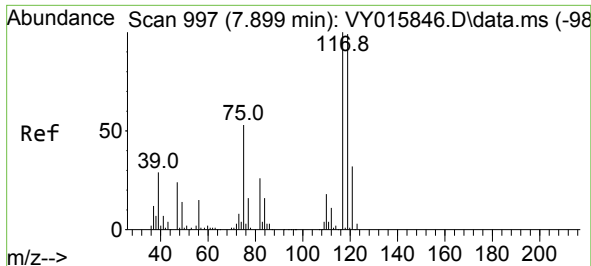
Tgt Ion:	75	Resp:	11093
Ion	Ratio	Lower	Upper
75	100		
110	36.9	17.8	53.5
77	30.8	24.4	36.6



#37
 Ethyl Acetate
 Concen: 4.958 ug/l
 RT: 7.076 min Scan# 862
 Delta R.T. 0.006 min
 Lab File: VY015843.D
 Acq: 05 Oct 2023 12:14

Tgt Ion:	43	Resp:	12967
Ion	Ratio	Lower	Upper
43	100		
61	16.4	10.1	15.1#
70	10.7	7.1	10.7#

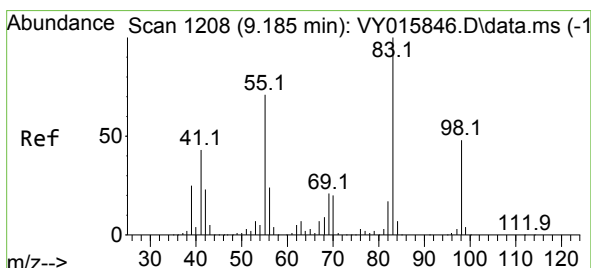
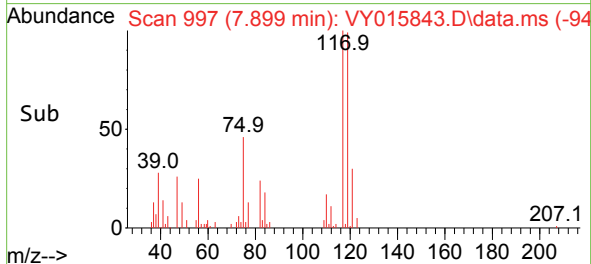
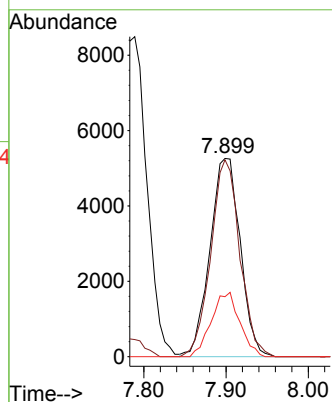
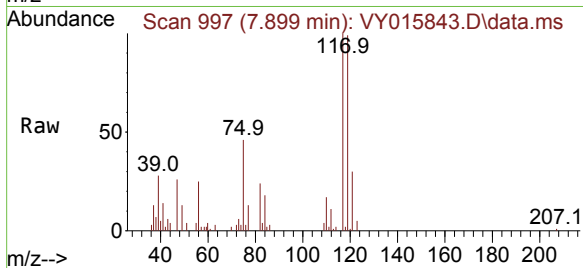




#38
Carbon Tetrachloride
Concen: 4.905 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

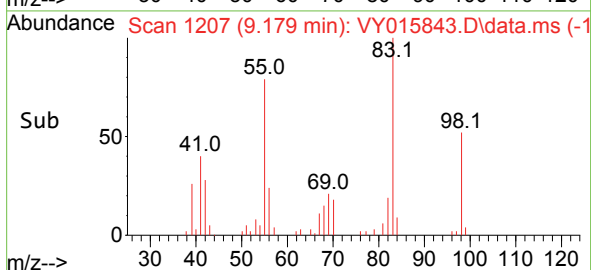
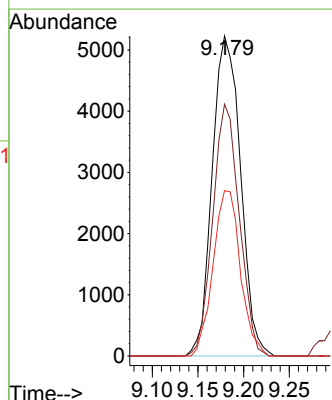
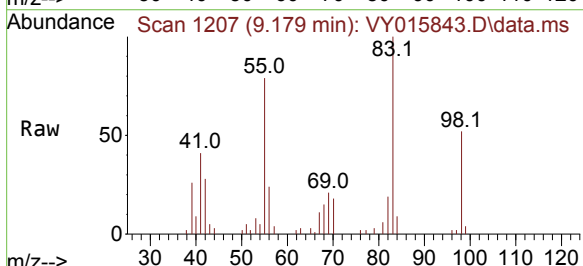
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

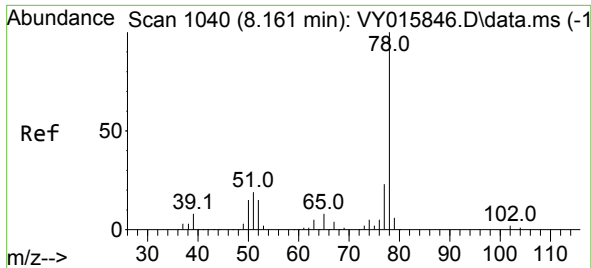
Tgt Ion:117 Resp: 13478
Ion Ratio Lower Upper
117 100
119 99.3 76.4 114.6
121 30.3 25.8 38.6



#39
Methylcyclohexane
Concen: 4.502 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.006 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

Tgt Ion: 83 Resp: 11253
Ion Ratio Lower Upper
83 100
55 78.7 63.0 94.4
98 51.7 37.4 56.2

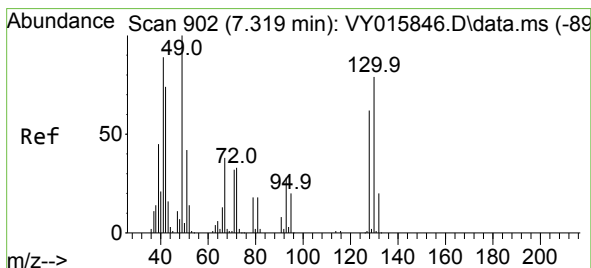
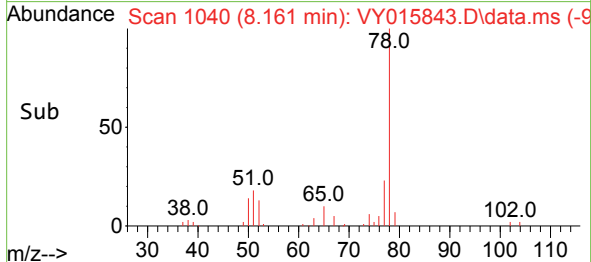
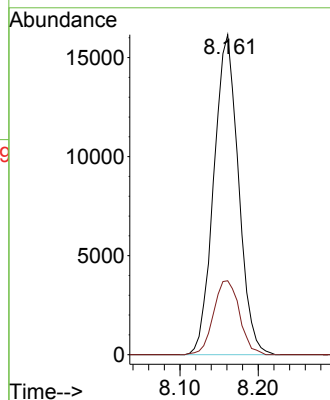
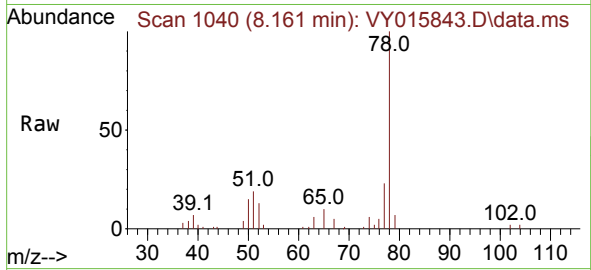




#40
Benzene
Concen: 4.820 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

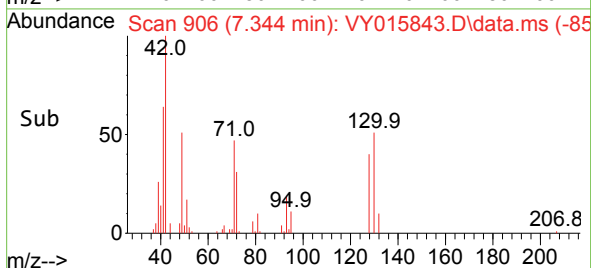
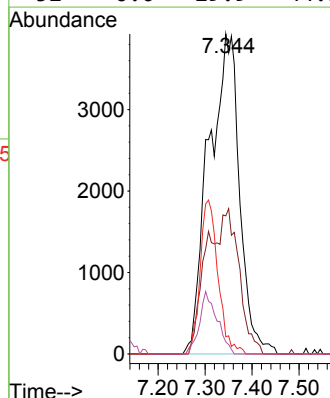
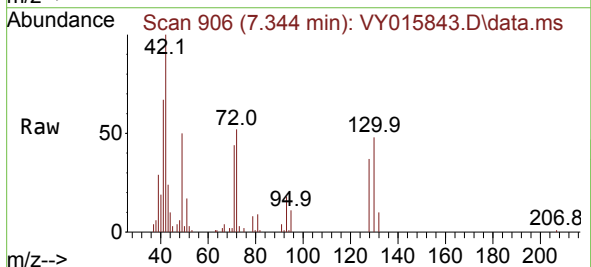
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

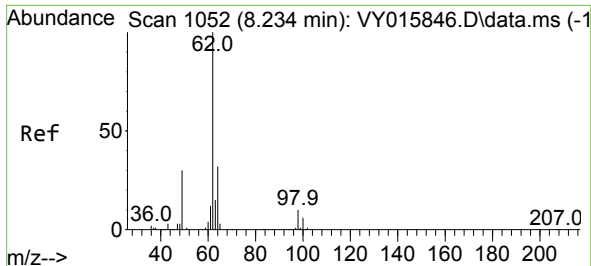
Tgt Ion: 78 Resp: 35345
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6



#41
Methacrylonitrile
Concen: 14.572 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.025 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

Tgt Ion: 41 Resp: 17810
Ion Ratio Lower Upper
41 100
39 25.3 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#





#42

1,2-Dichloroethane

Concen: 4.826 ug/l

RT: 8.240 min Scan# 1053

Delta R.T. 0.006 min

Lab File: VY015843.D

Acq: 05 Oct 2023 12:14

Instrument :

MSVOA_Y

ClientSampleId :

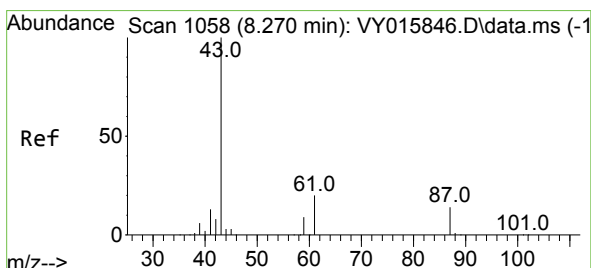
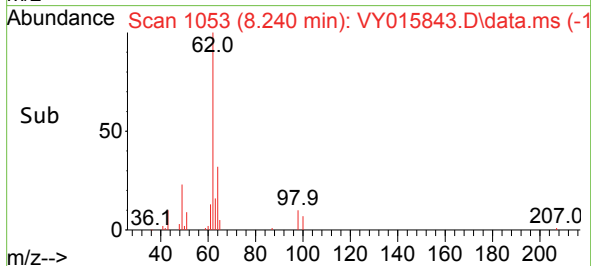
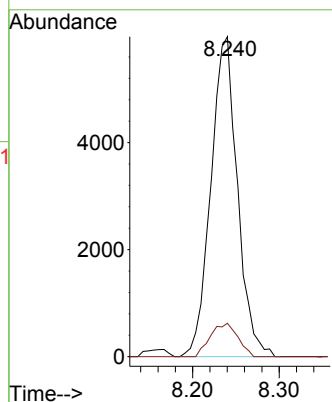
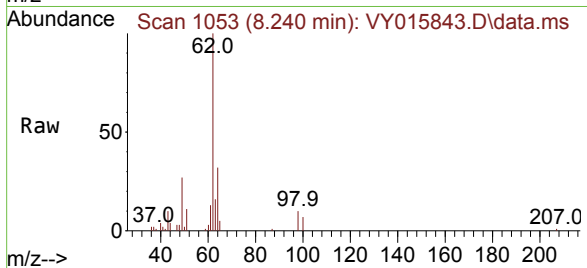
VSTDIC005

Tgt Ion: 62 Resp: 12743

Ion Ratio Lower Upper

62 100

98 10.8 0.0 15.8



#43

Isopropyl Acetate

Concen: 4.867 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. 0.006 min

Lab File: VY015843.D

Acq: 05 Oct 2023 12:14

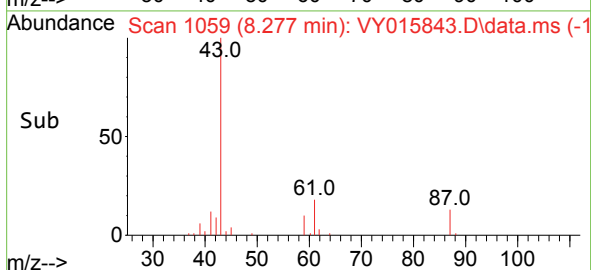
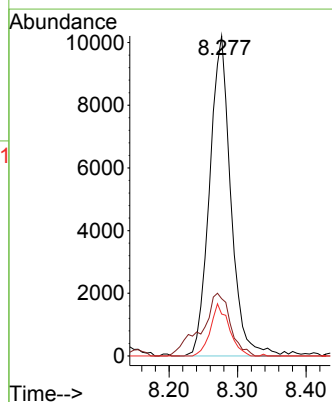
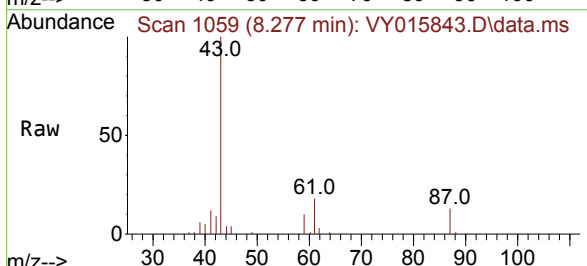
Tgt Ion: 43 Resp: 21909

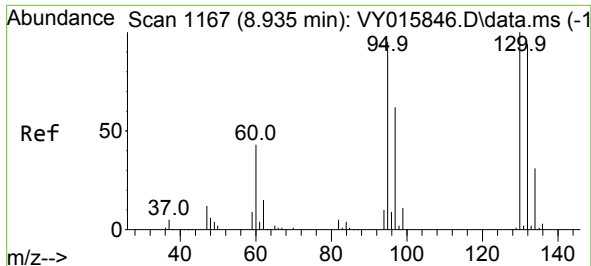
Ion Ratio Lower Upper

43 100

61 26.6 21.1 31.7

87 14.4 9.8 14.8

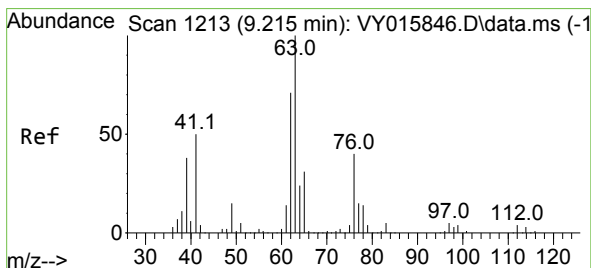
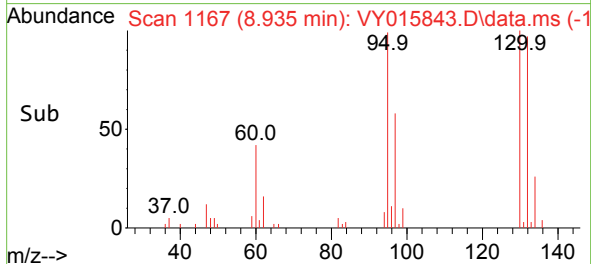
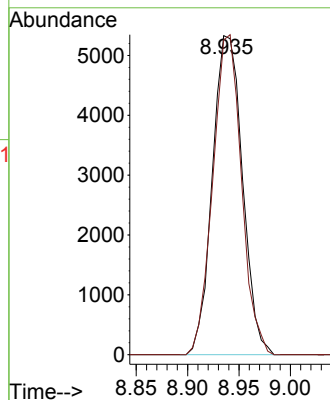
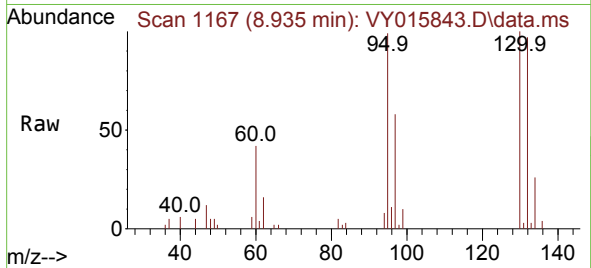




#44
Trichloroethene
Concen: 5.041 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

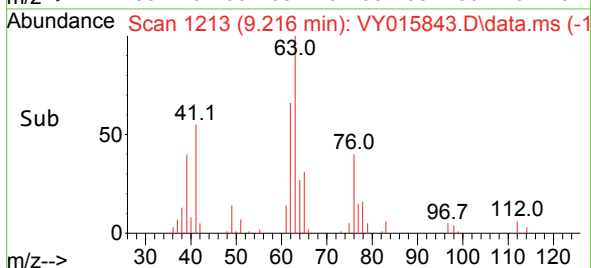
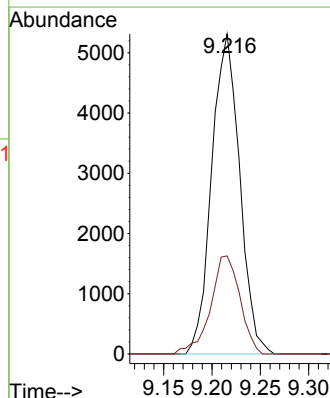
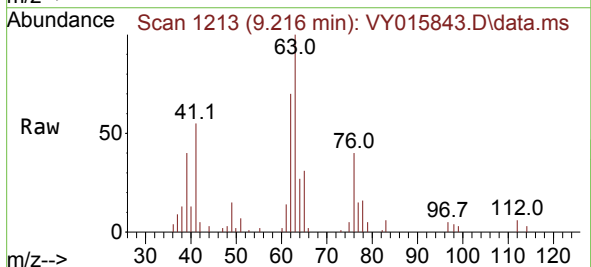
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

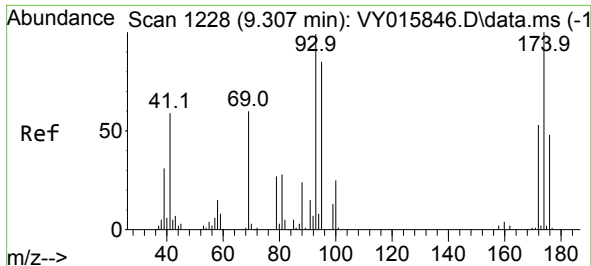
Tgt Ion:130 Resp: 10819
Ion Ratio Lower Upper
130 100
95 98.6 0.0 196.0



#45
1,2-Dichloropropane
Concen: 4.917 ug/l
RT: 9.216 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

Tgt Ion: 63 Resp: 10664
Ion Ratio Lower Upper
63 100
65 30.7 23.8 35.6

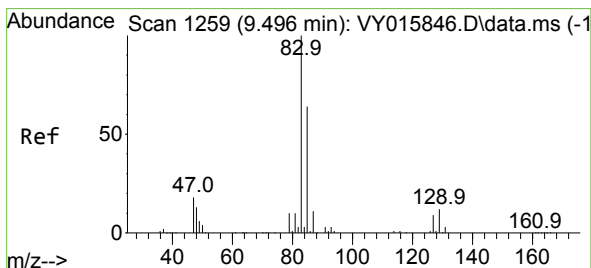
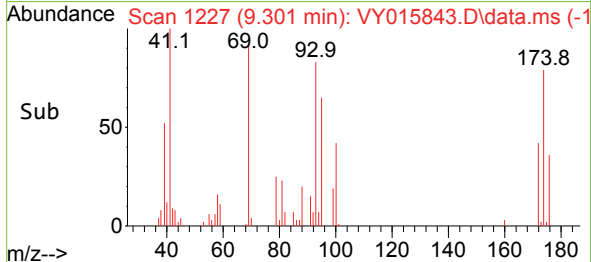
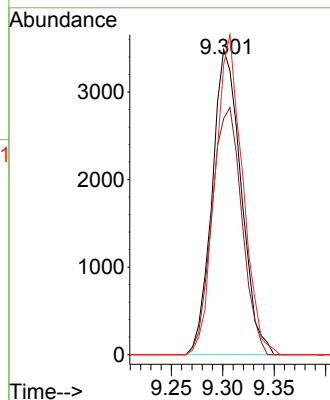
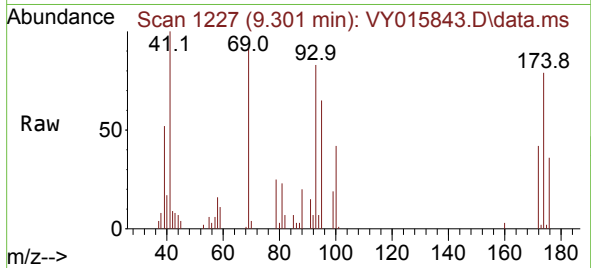




#46
Dibromomethane
Concen: 4.921 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

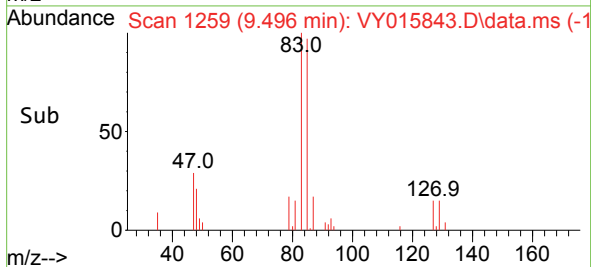
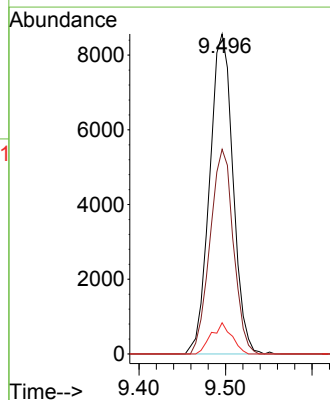
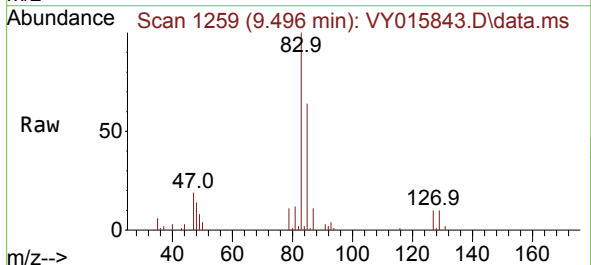
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

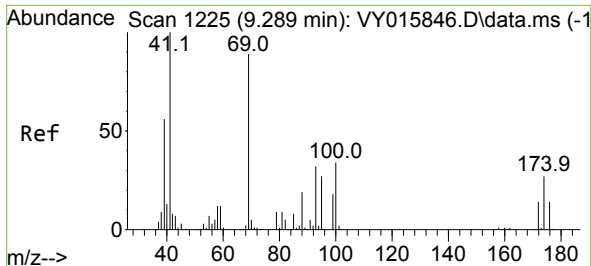
Tgt Ion: 93 Resp: 6824
Ion Ratio Lower Upper
93 100
95 83.7 66.6 100.0
174 99.8 84.8 127.2



#47
Bromodichloromethane
Concen: 4.989 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

Tgt Ion: 83 Resp: 16059
Ion Ratio Lower Upper
83 100
85 64.0 50.1 75.1
127 9.8 7.1 10.7

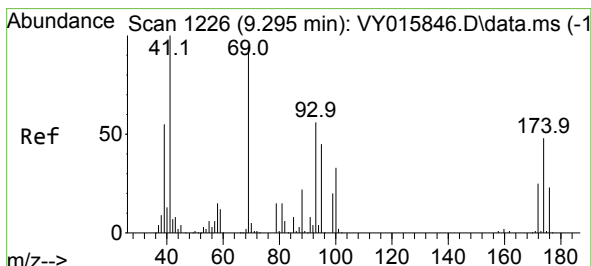
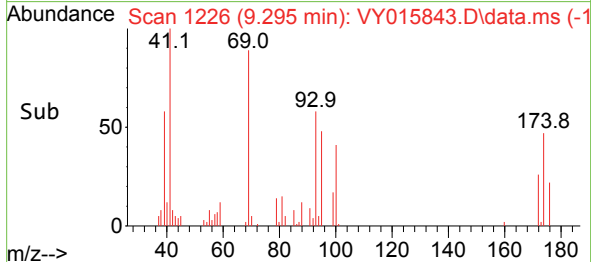
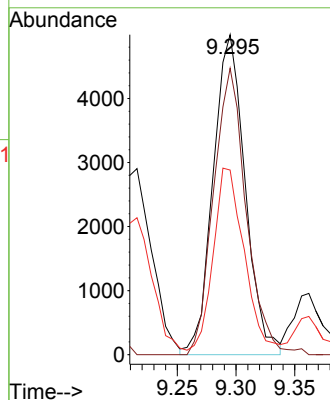
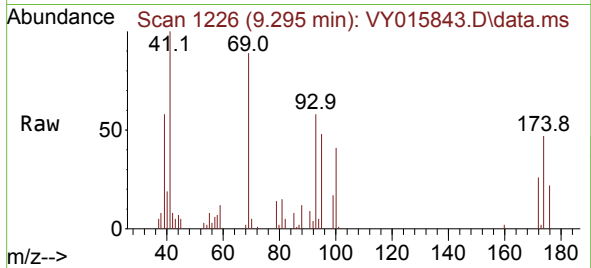




#48
Methyl methacrylate
Concen: 4.827 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

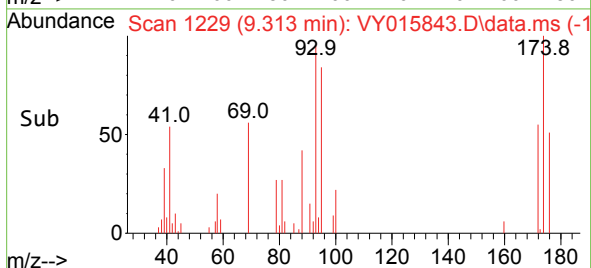
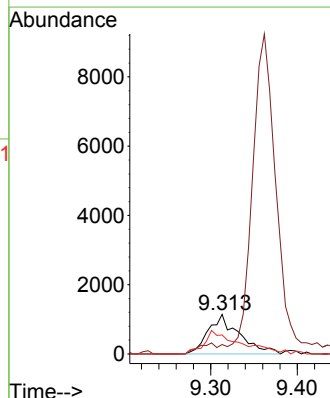
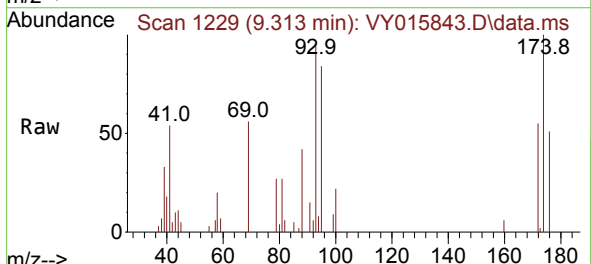
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

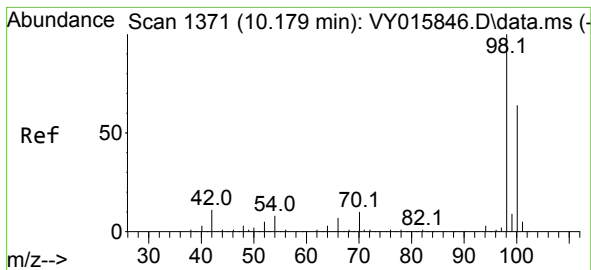
Tgt Ion: 41 Resp: 9490
Ion Ratio Lower Upper
41 100
69 91.2 64.5 96.7
39 57.4 50.8 76.2



#49
1,4-Dioxane
Concen: 91.011 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.018 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

Tgt Ion: 88 Resp: 2827
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 68.4 30.9 46.3

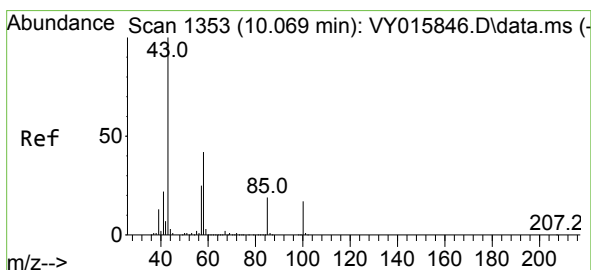
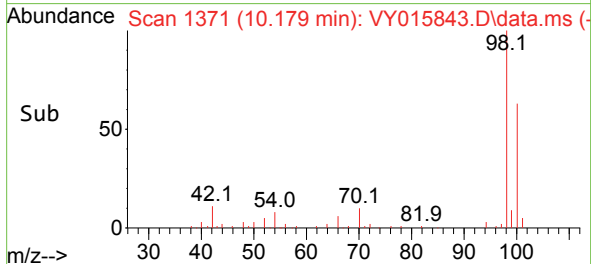
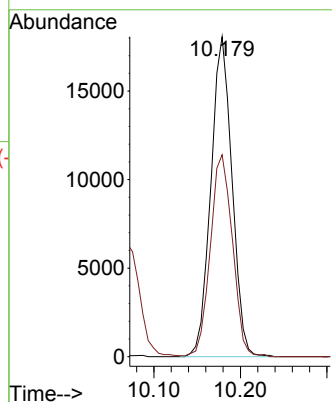
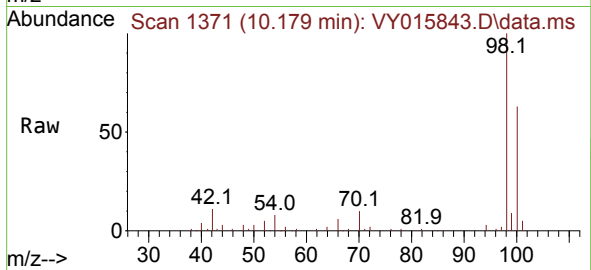




#50
Toluene-d8
Concen: 4.820 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

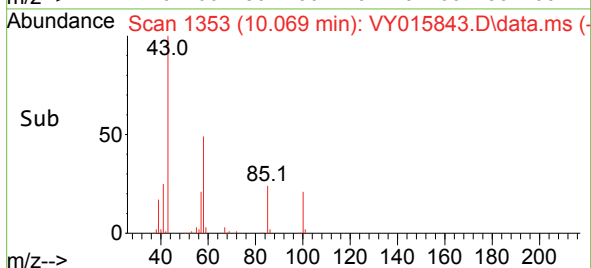
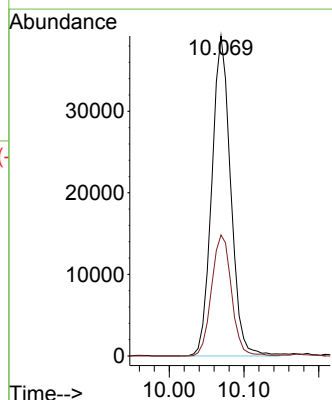
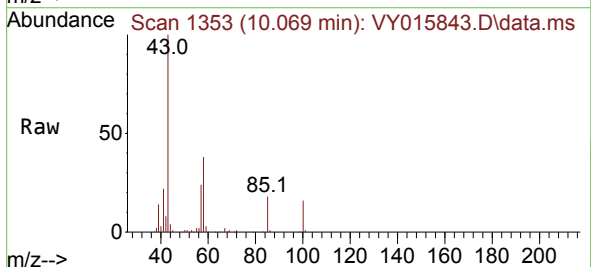
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

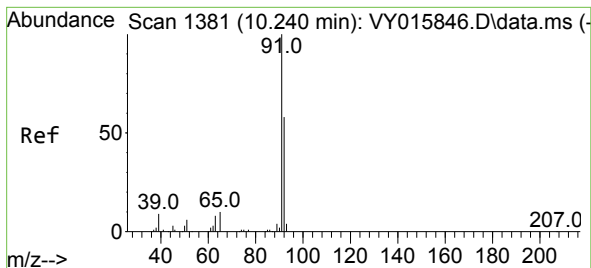
Tgt Ion: 98 Resp: 30653
Ion Ratio Lower Upper
98 100
100 65.9 50.1 75.1



#51
4-Methyl-2-Pentanone
Concen: 24.520 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

Tgt Ion: 43 Resp: 69046
Ion Ratio Lower Upper
43 100
58 39.8 29.0 43.6





#52

Toluene

Concen: 4.840 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VY015843.D

Acq: 05 Oct 2023 12:14

Instrument :

MSVOA_Y

ClientSampleId :

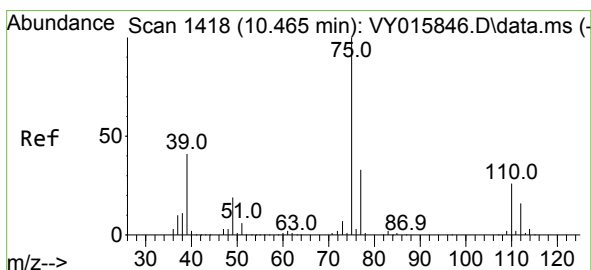
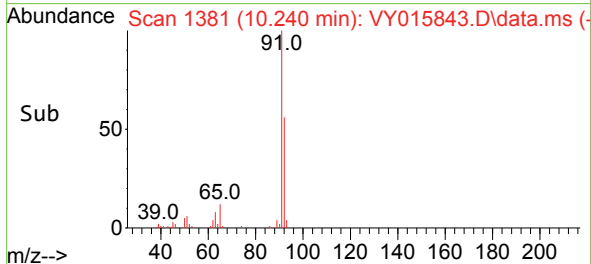
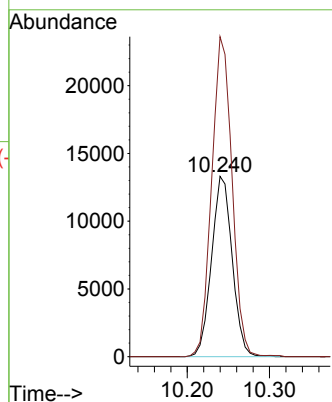
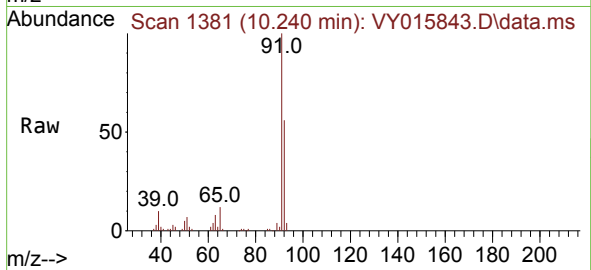
VSTDIC005

Tgt Ion: 92 Resp: 23224

Ion Ratio Lower Upper

92 100

91 175.1 143.8 215.6



#53

t-1,3-Dichloropropene

Concen: 4.726 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY015843.D

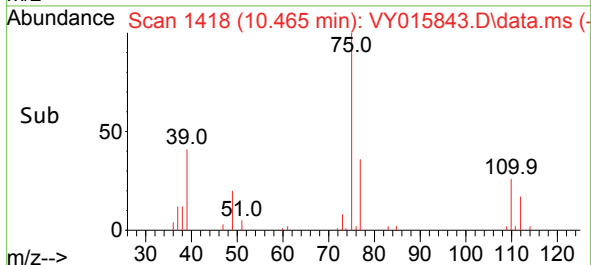
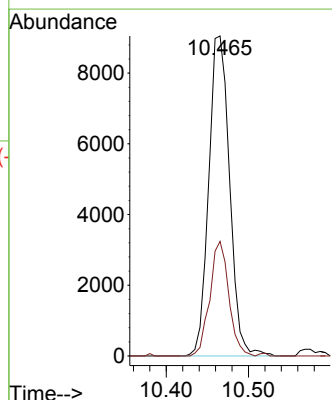
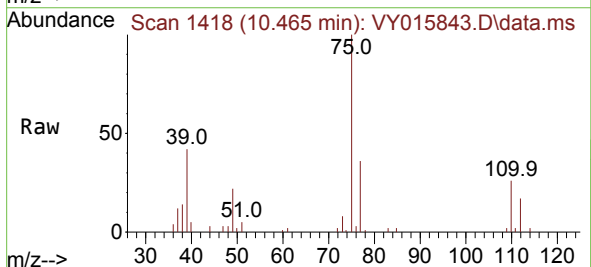
Acq: 05 Oct 2023 12:14

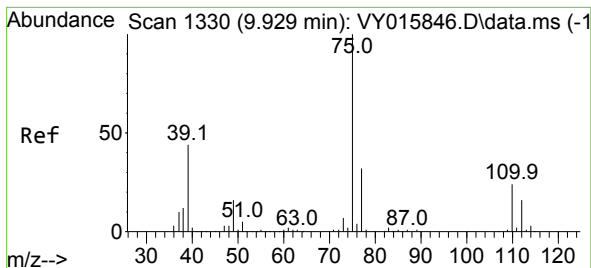
Tgt Ion: 75 Resp: 15963

Ion Ratio Lower Upper

75 100

77 35.8 25.0 37.4

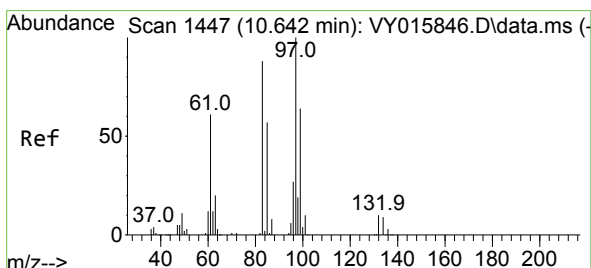
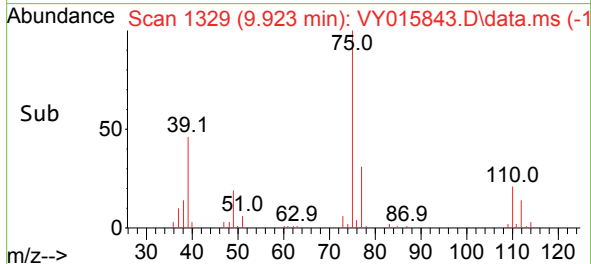
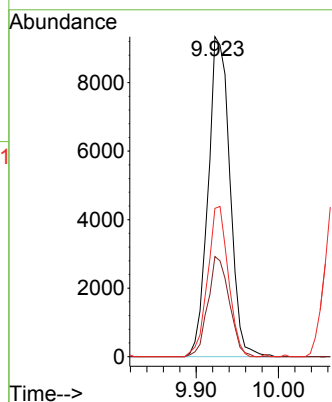
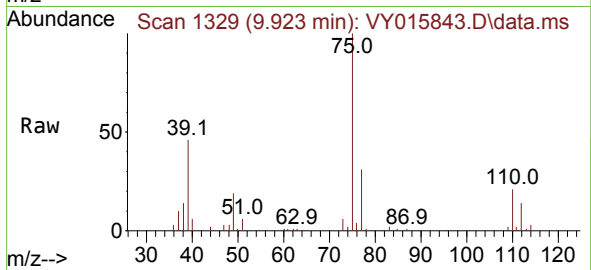




#54
 cis-1,3-Dichloropropene
 Concen: 4.799 ug/l
 RT: 9.923 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY015843.D
 Acq: 05 Oct 2023 12:14

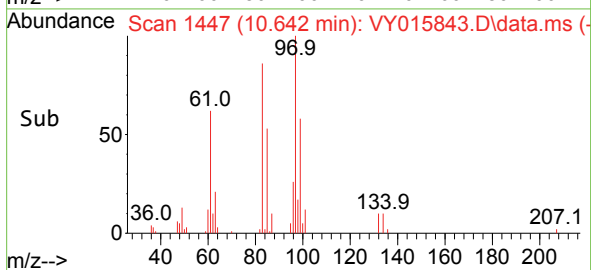
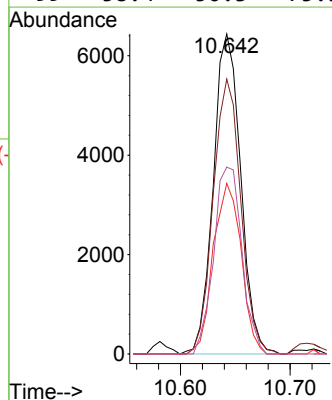
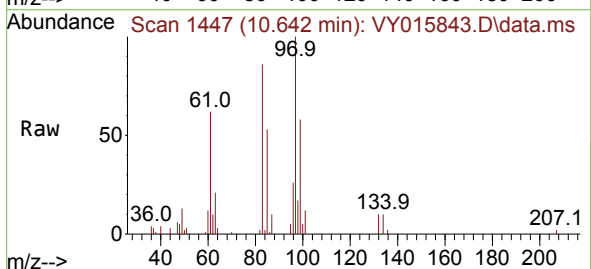
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

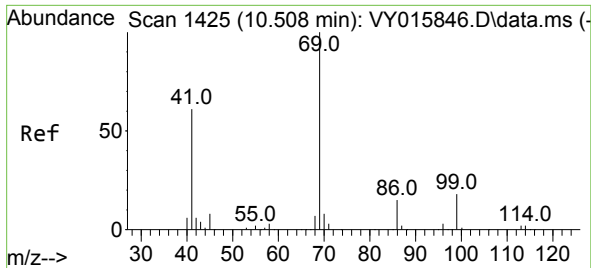
Tgt Ion: 75 Resp: 17207
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.2 36.4
 39 46.3 42.2 63.4



#55
 1,1,2-Trichloroethane
 Concen: 5.124 ug/l
 RT: 10.642 min Scan# 1447
 Delta R.T. 0.000 min
 Lab File: VY015843.D
 Acq: 05 Oct 2023 12:14

Tgt Ion: 97 Resp: 11163
 Ion Ratio Lower Upper
 97 100
 83 85.9 72.0 108.0
 85 53.3 45.4 68.0
 99 58.4 50.3 75.5

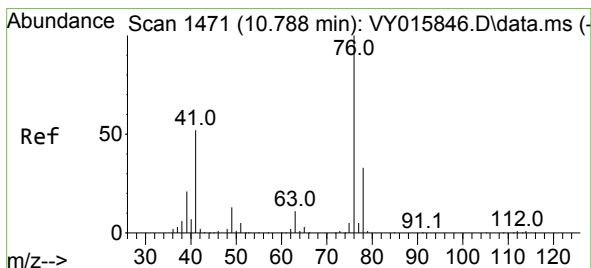
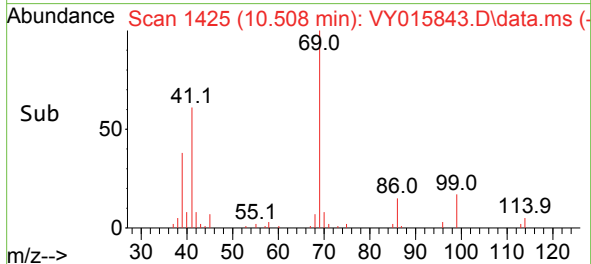
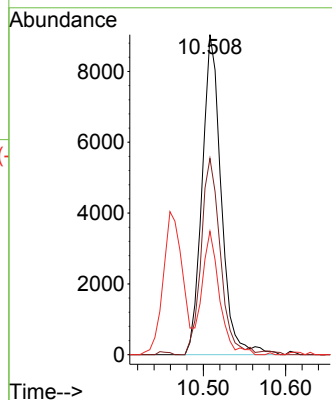
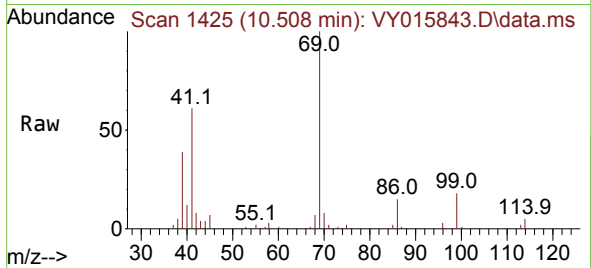




#56
Ethyl methacrylate
Concen: 4.626 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

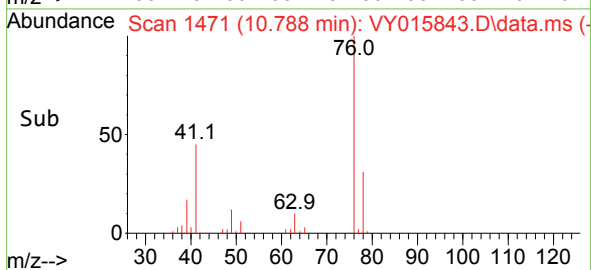
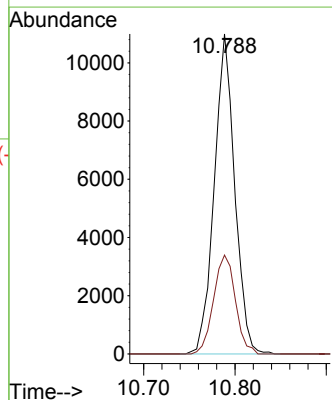
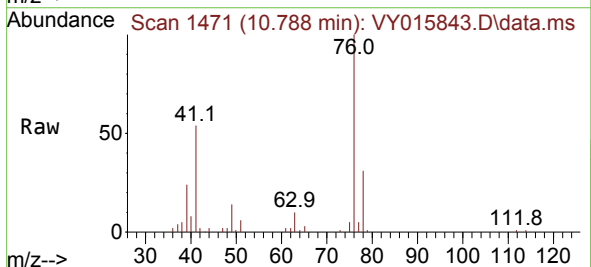
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

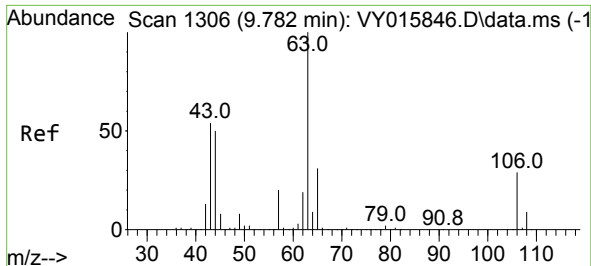
Tgt Ion: 69 Resp: 14613
Ion Ratio Lower Upper
69 100
41 62.0 57.6 86.4
39 36.1 34.1 51.1



#57
1,3-Dichloropropane
Concen: 4.898 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

Tgt Ion: 76 Resp: 17057
Ion Ratio Lower Upper
76 100
78 32.9 25.3 37.9

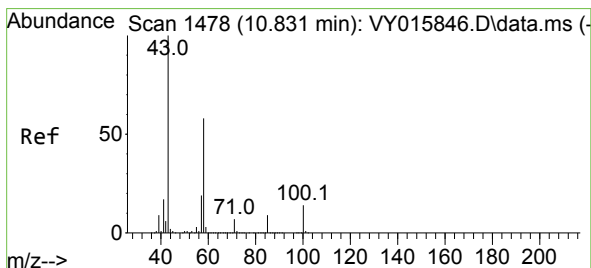
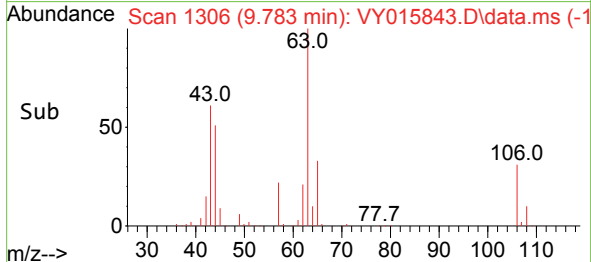
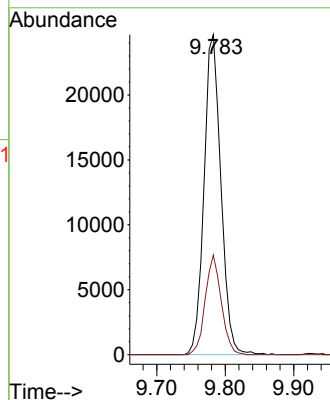
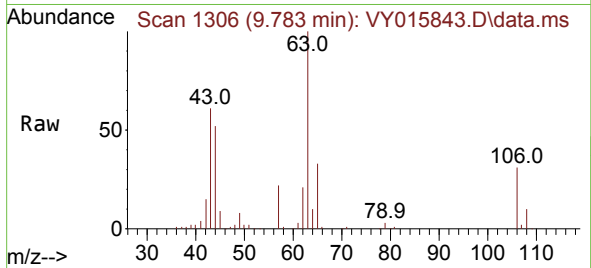




#58
 2-Chloroethyl Vinyl ether
 Concen: 22.983 ug/l
 RT: 9.783 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY015843.D
 Acq: 05 Oct 2023 12:14

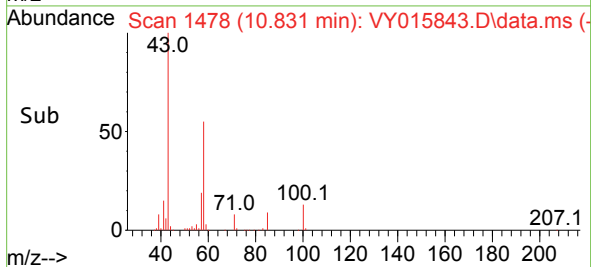
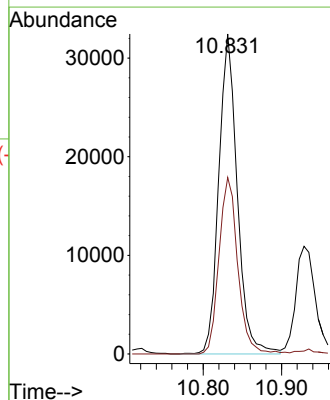
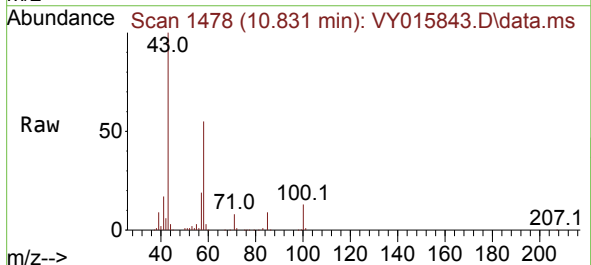
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

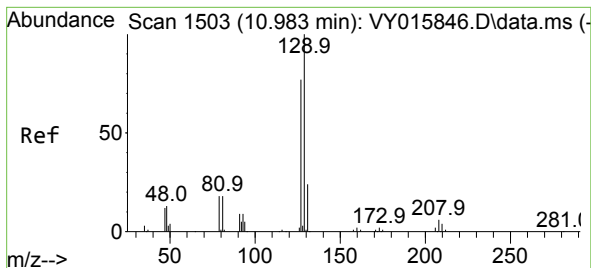
Tgt Ion: 63 Resp: 42300
 Ion Ratio Lower Upper
 63 100
 106 29.6 21.2 31.8



#59
 2-Hexanone
 Concen: 24.369 ug/l
 RT: 10.831 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VY015843.D
 Acq: 05 Oct 2023 12:14

Tgt Ion: 43 Resp: 53248
 Ion Ratio Lower Upper
 43 100
 58 56.2 25.1 75.3

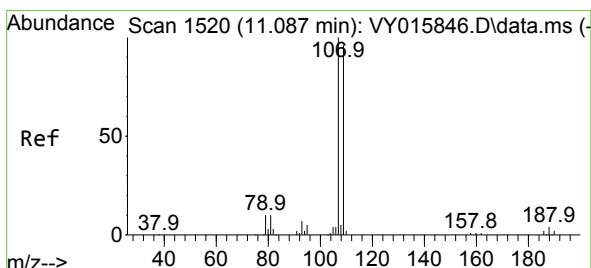
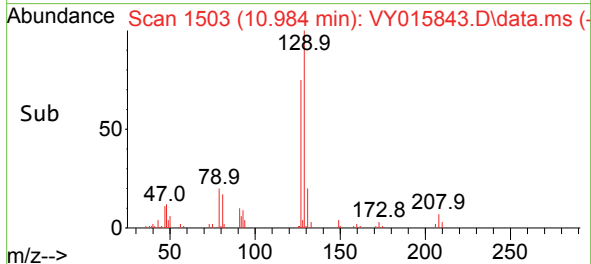
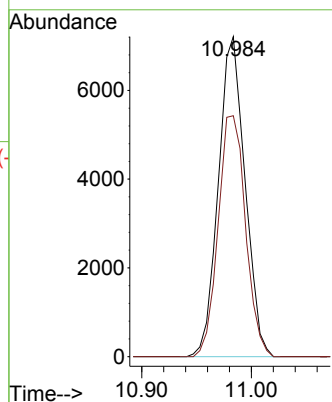
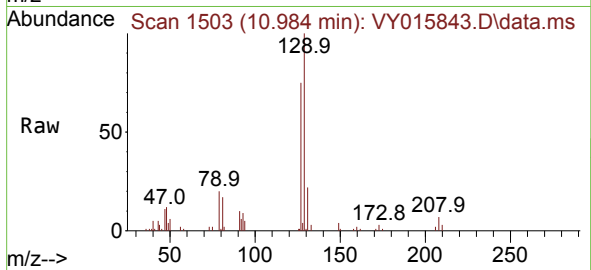




#60
Dibromochloromethane
Concen: 4.832 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

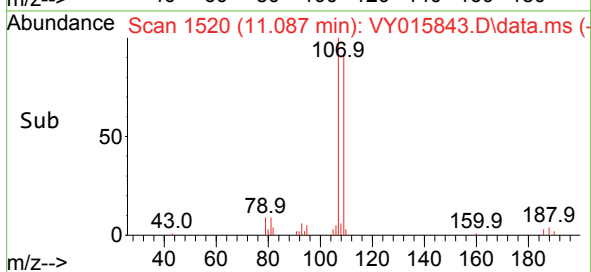
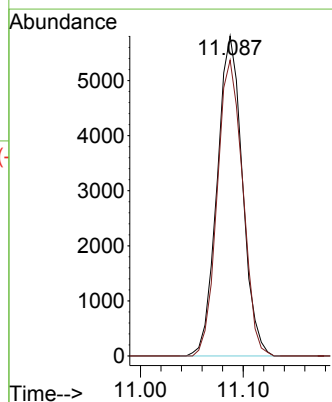
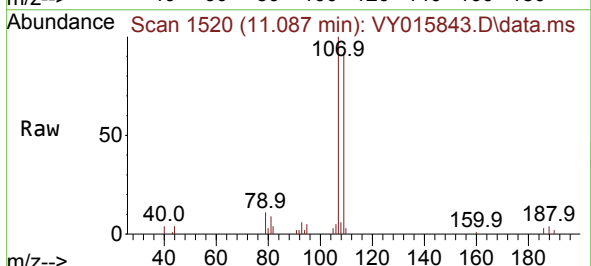
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

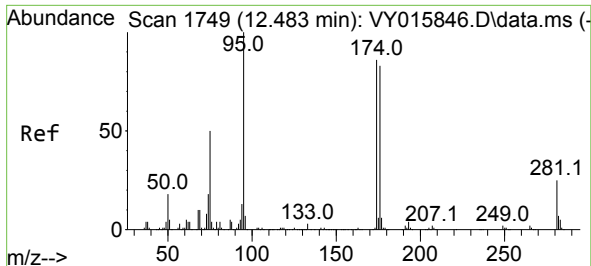
Tgt Ion:129 Resp: 12159
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5



#61
1,2-Dibromoethane
Concen: 4.875 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

Tgt Ion:107 Resp: 9925
Ion Ratio Lower Upper
107 100
109 92.9 75.6 113.4

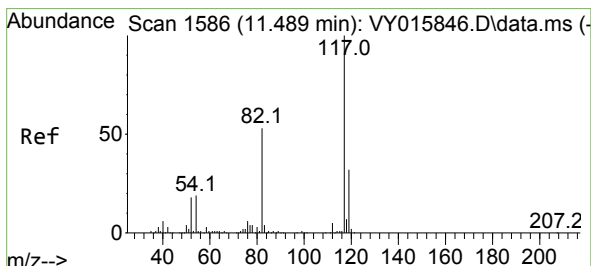
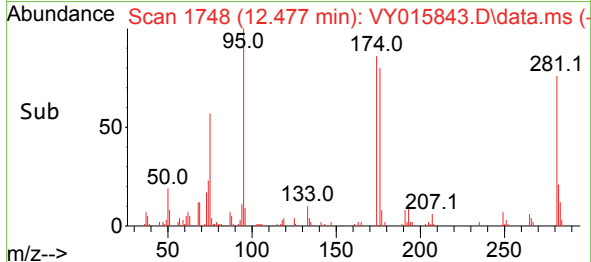
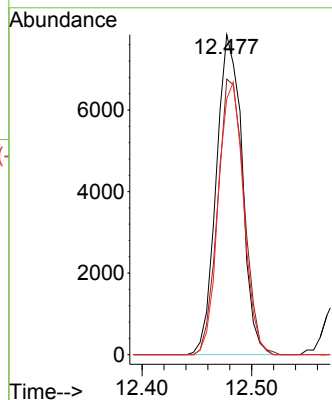
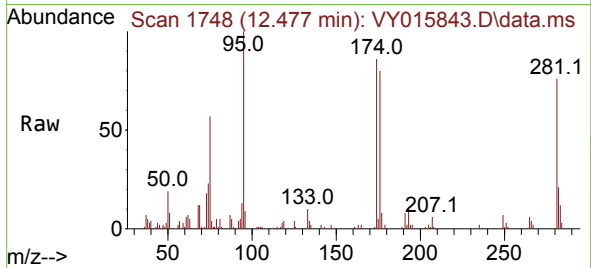




#62
4-Bromofluorobenzene
Concen: 4.916 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

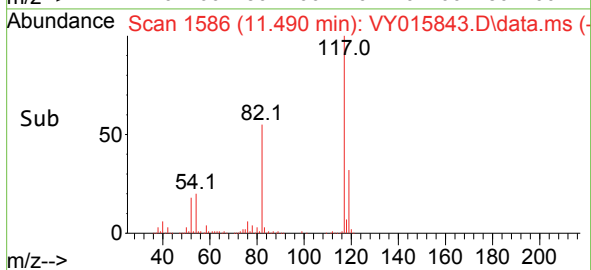
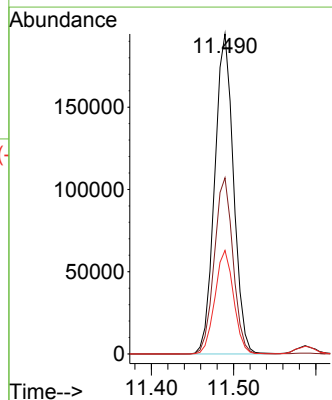
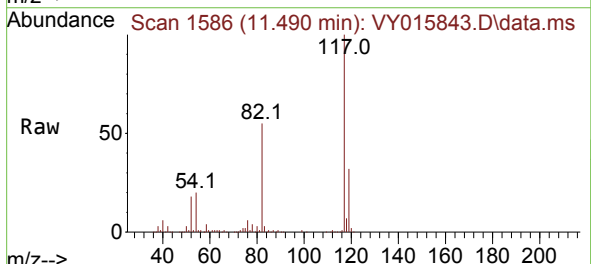
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

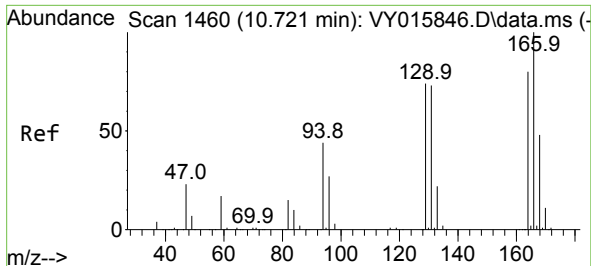
Tgt Ion: 95 Resp: 12779
Ion Ratio Lower Upper
95 100
174 88.2 0.0 178.2
176 83.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

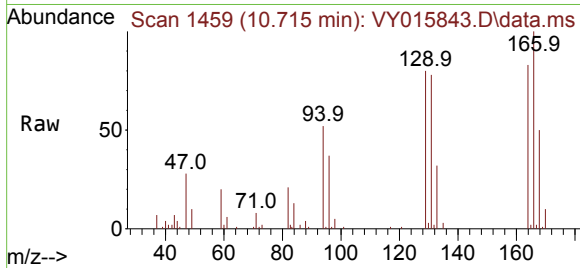
Tgt Ion: 117 Resp: 309580
Ion Ratio Lower Upper
117 100
82 55.1 43.4 65.0
119 32.4 26.3 39.5



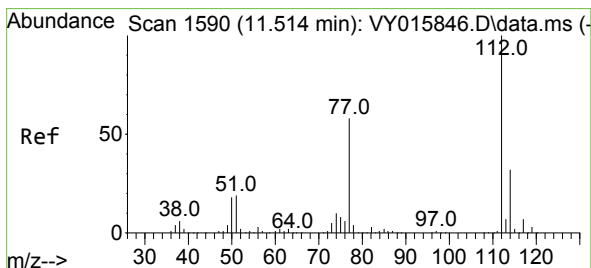
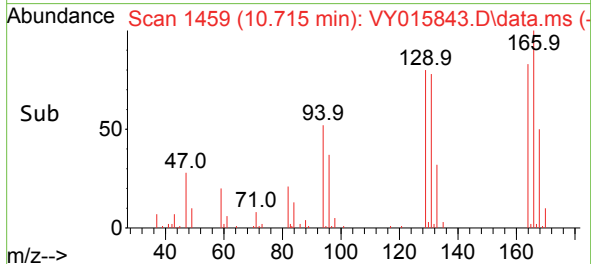
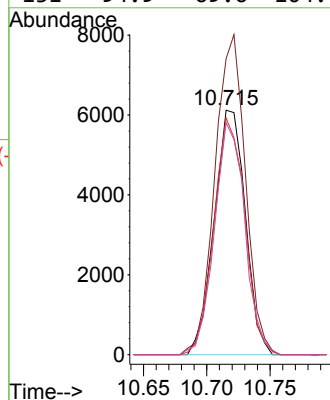


#64
Tetrachloroethene
Concen: 4.802 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

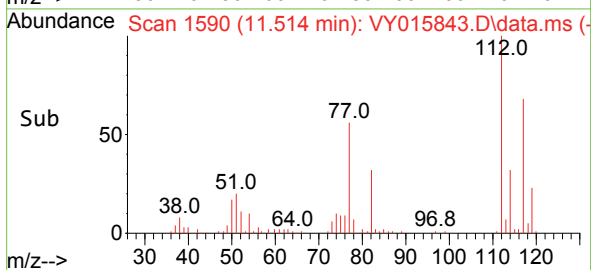
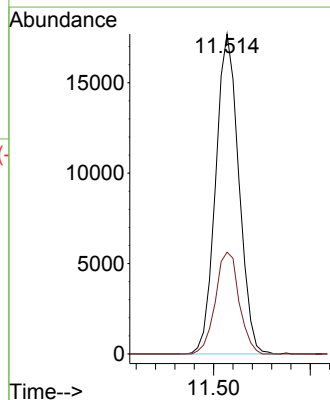
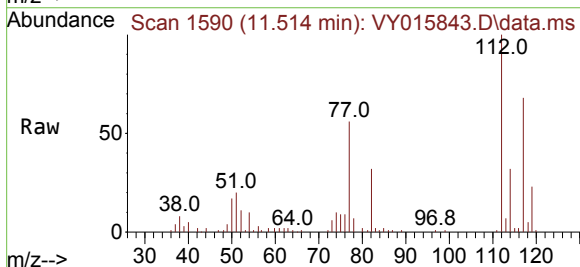


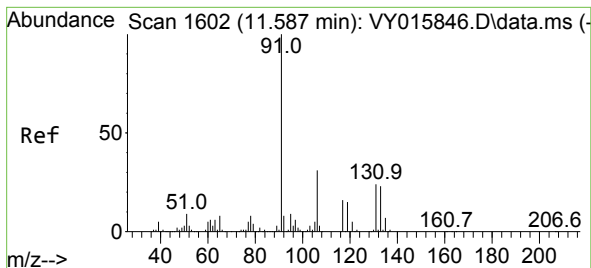
Tgt Ion:	164	Resp:	10450
Ion	Ratio	Lower	Upper
164	100		
166	121.1	103.0	154.6
129	96.8	77.2	115.8
131	94.9	69.6	104.4



#65
Chlorobenzene
Concen: 5.128 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

Tgt Ion:	112	Resp:	29360
Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.5	38.3

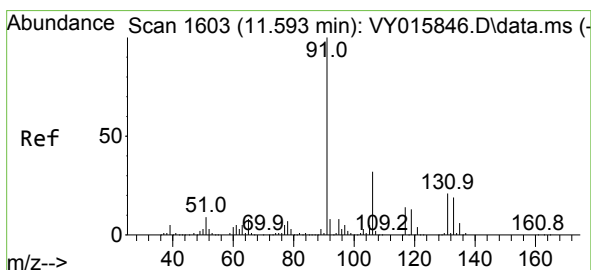
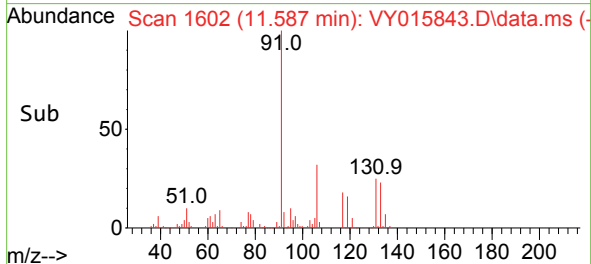
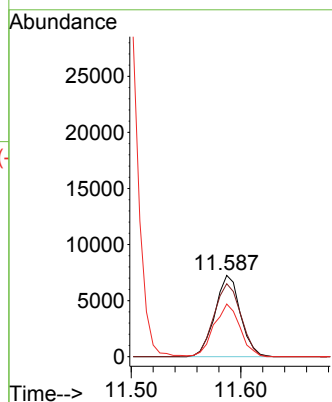
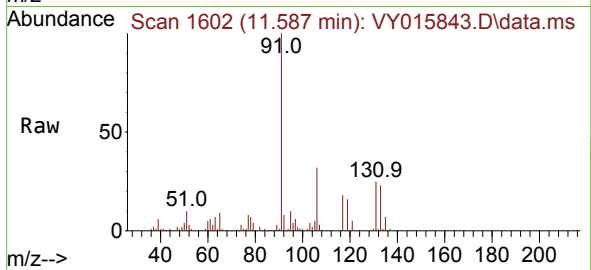




#66
1,1,1,2-Tetrachloroethane
Concen: 4.963 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

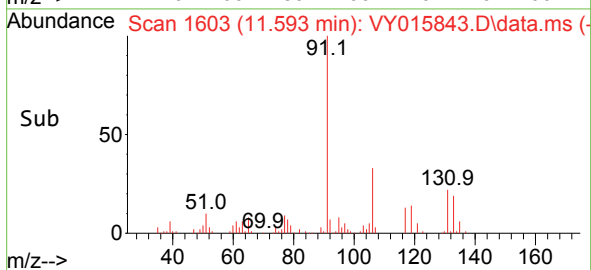
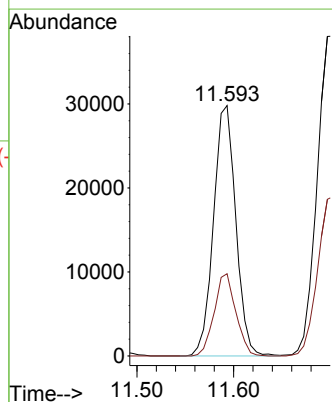
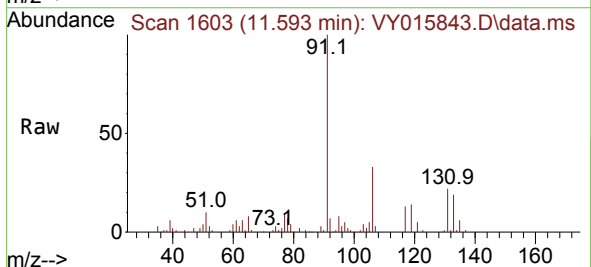
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

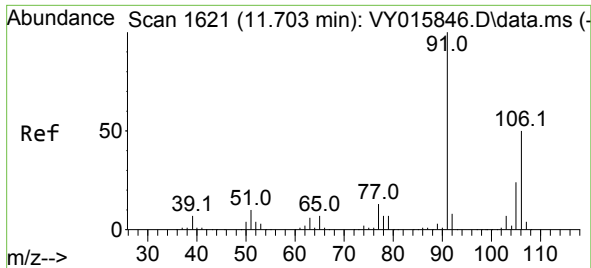
Tgt Ion:131 Resp: 11683
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.6
119 66.1 31.6 94.7



#67
Ethyl Benzene
Concen: 4.869 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

Tgt Ion: 91 Resp: 47716
Ion Ratio Lower Upper
91 100
106 32.8 24.6 36.8

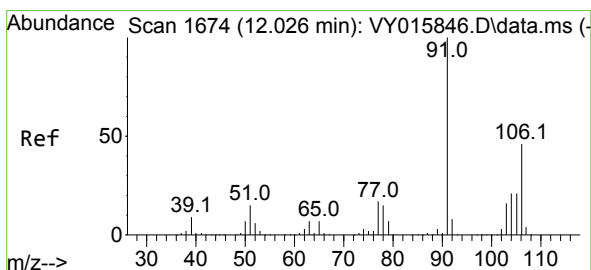
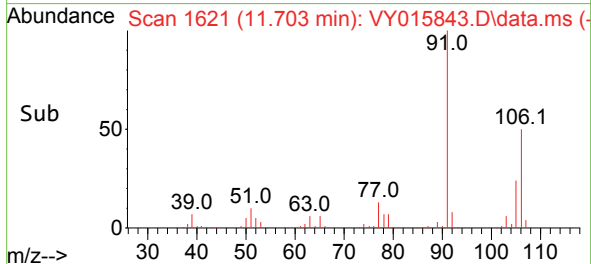
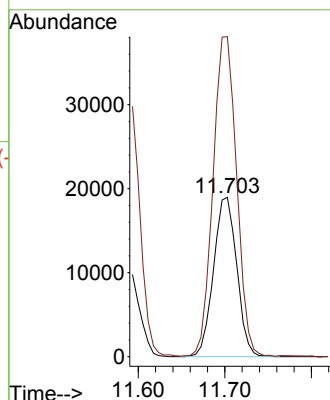
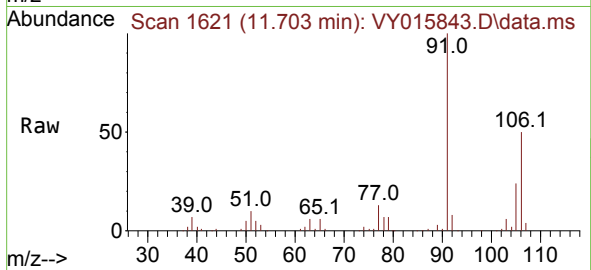




#68
m/p-Xylenes
Concen: 9.478 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

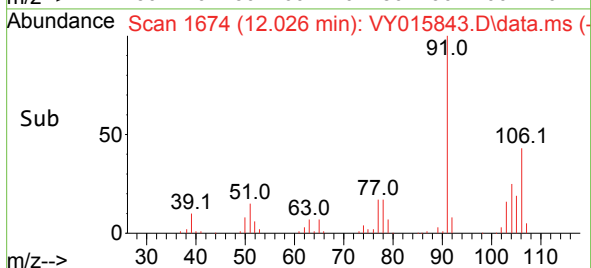
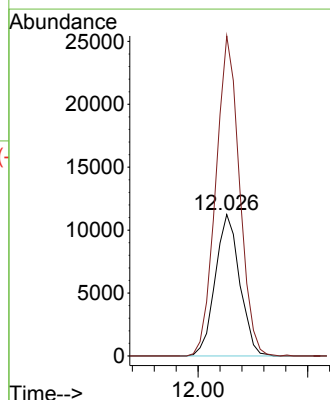
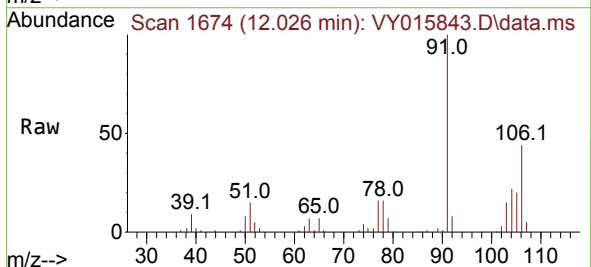
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

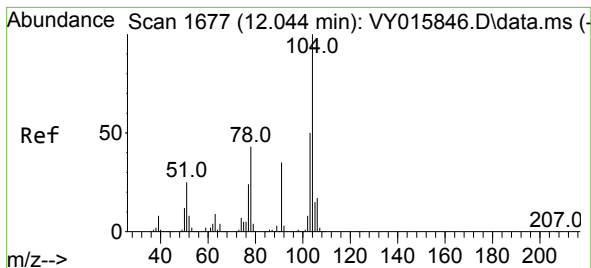
Tgt Ion:106 Resp: 35306
Ion Ratio Lower Upper
106 100
91 203.5 166.1 249.1



#69
o-Xylene
Concen: 4.706 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

Tgt Ion:106 Resp: 17438
Ion Ratio Lower Upper
106 100
91 219.4 108.1 324.3





#70

Styrene

Concen: 4.647 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015843.D

Acq: 05 Oct 2023 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

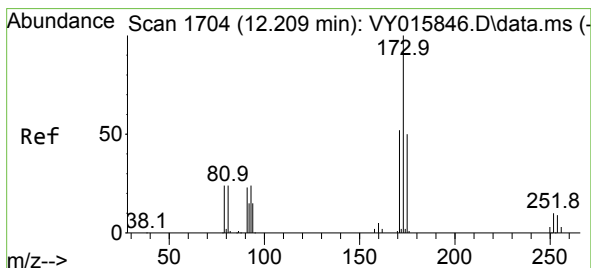
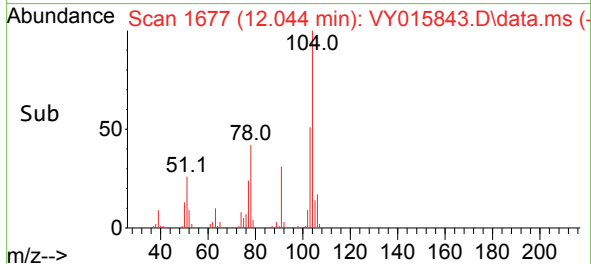
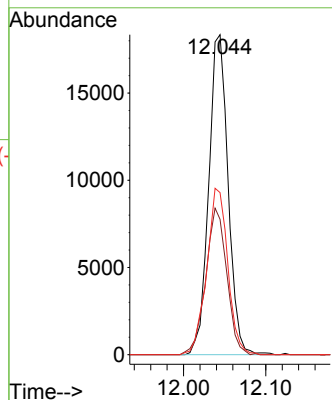
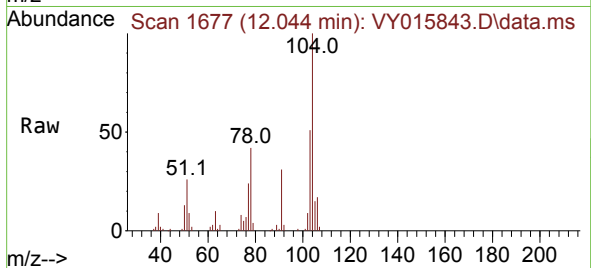
Tgt Ion:104 Resp: 30055

Ion Ratio Lower Upper

104 100

78 49.7 41.5 62.3

103 56.4 44.6 67.0



#71

Bromoform

Concen: 4.724 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VY015843.D

Acq: 05 Oct 2023 12:14

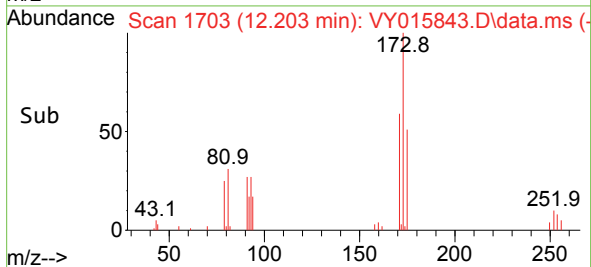
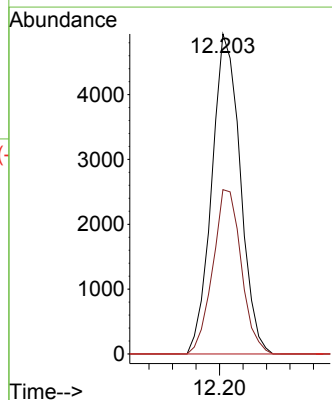
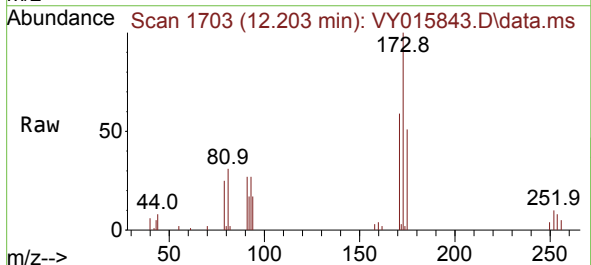
Tgt Ion:173 Resp: 8292

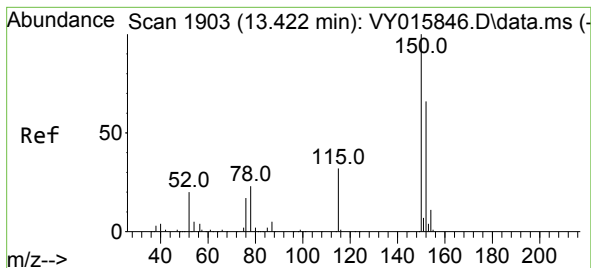
Ion Ratio Lower Upper

173 100

175 51.4 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: VY015843.D

Acq: 05 Oct 2023 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

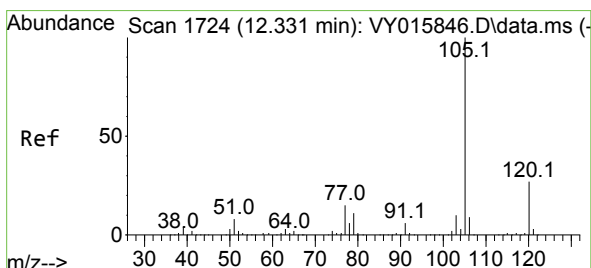
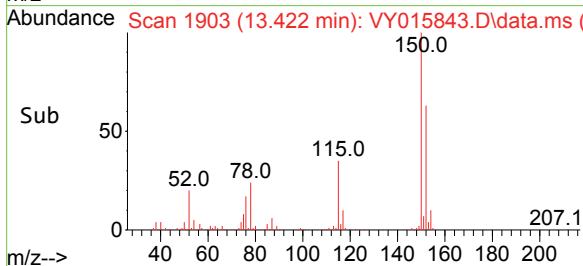
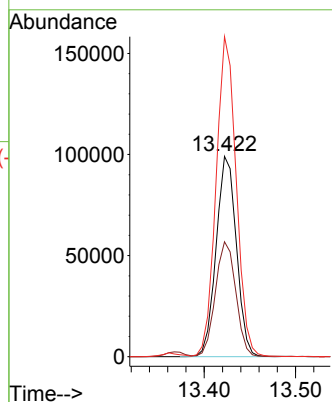
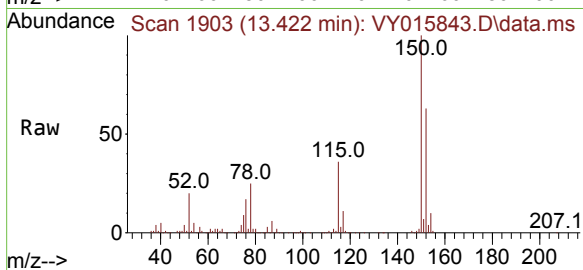
Tgt Ion:152 Resp: 152673

Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 158.4 0.0 348.8



#73

Isopropylbenzene

Concen: 4.970 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. -0.006 min

Lab File: VY015843.D

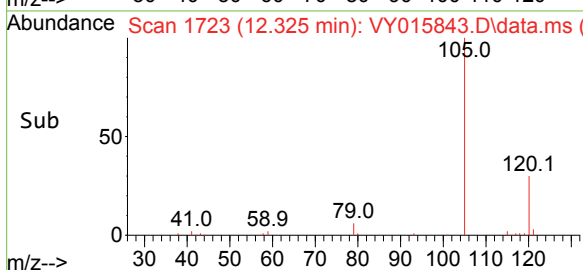
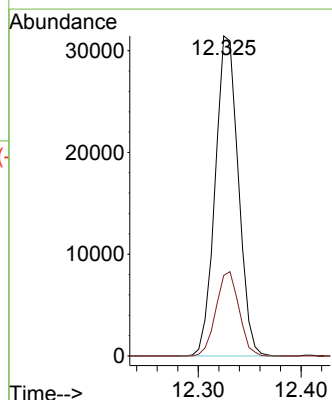
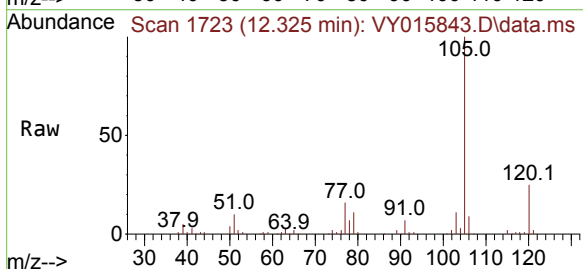
Acq: 05 Oct 2023 12:14

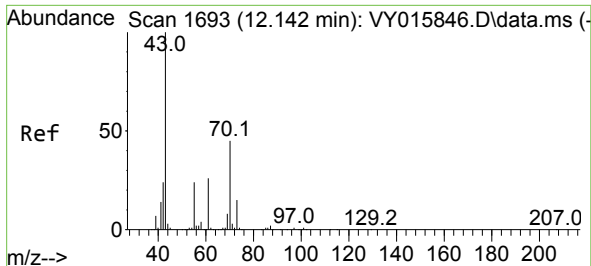
Tgt Ion:105 Resp: 49149

Ion Ratio Lower Upper

105 100

120 26.1 13.3 39.9

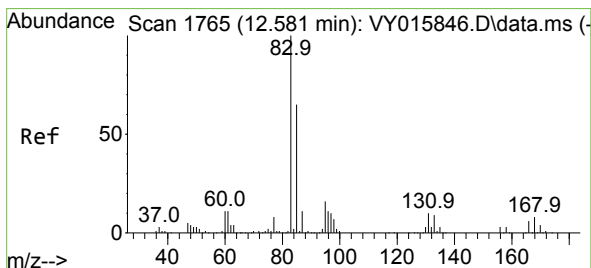
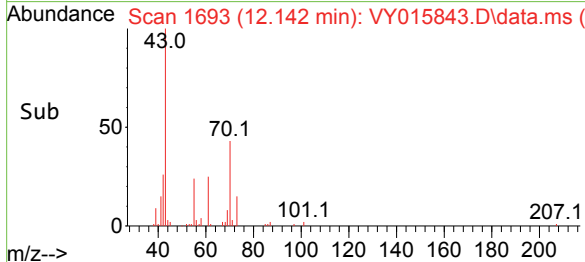
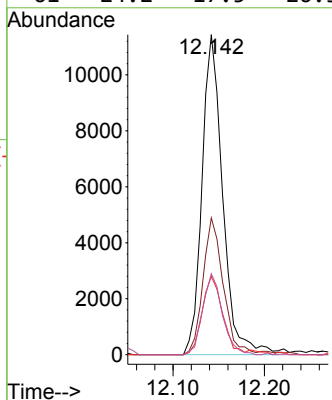
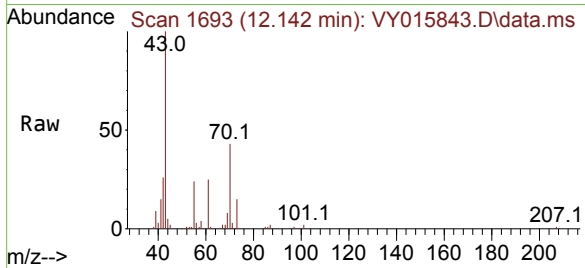




#74
N-amy1 acetate
Concen: 4.708 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

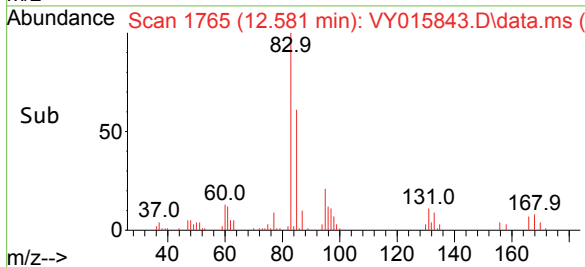
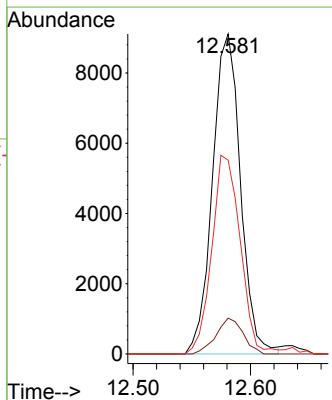
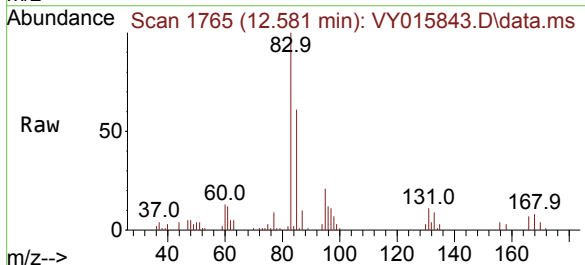
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

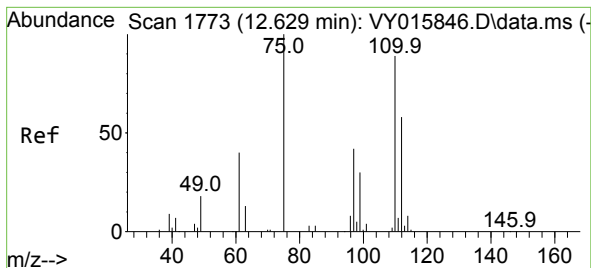
Tgt Ion:	43	Resp:	17993
Ion	Ratio	Lower	Upper
43	100		
70	41.7	29.7	44.5
55	24.9	18.3	27.5
61	24.2	17.5	26.3



#75
1,1,2,2-Tetrachloroethane
Concen: 5.163 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

Tgt Ion:	83	Resp:	15083
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.4	16.2
85	62.9	31.8	95.4





#76

1,2,3-Trichloropropane

Concen: 8.361 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015843.D

Acq: 05 Oct 2023 12:14

Instrument :

MSVOA_Y

ClientSampleId :

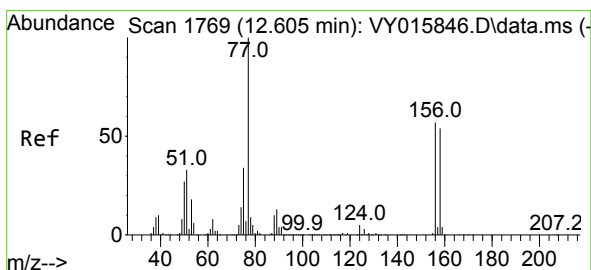
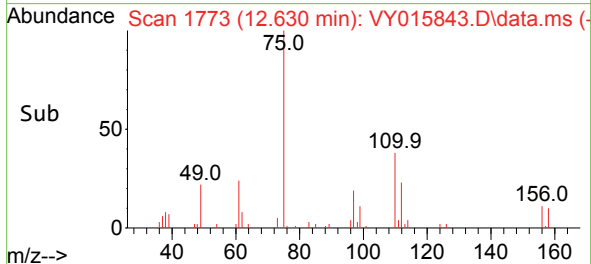
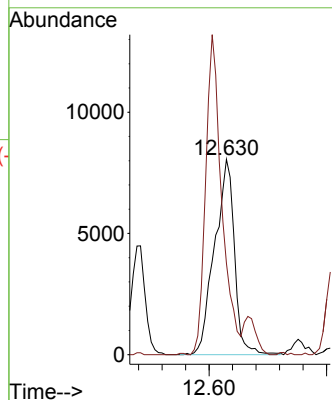
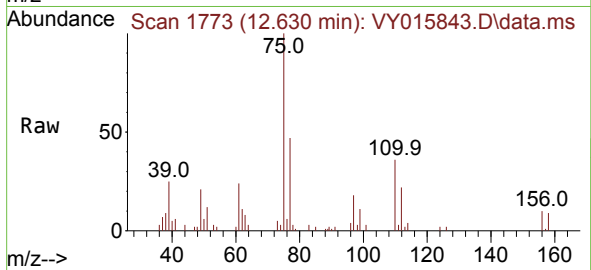
VSTDIC005

Tgt Ion: 75 Resp: 18896

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#77

Bromobenzene

Concen: 5.031 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY015843.D

Acq: 05 Oct 2023 12:14

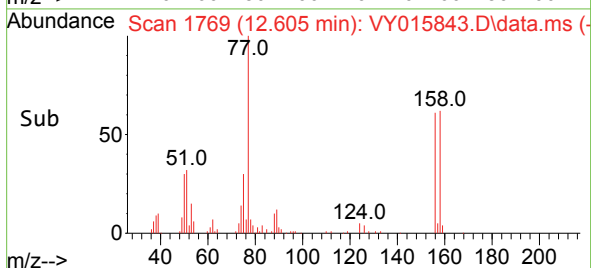
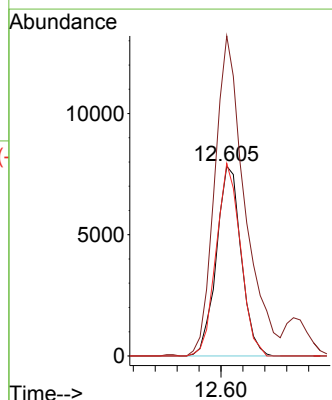
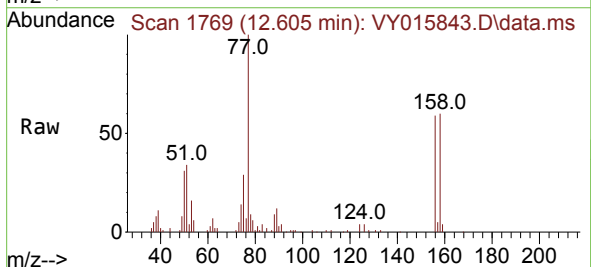
Tgt Ion: 156 Resp: 12309

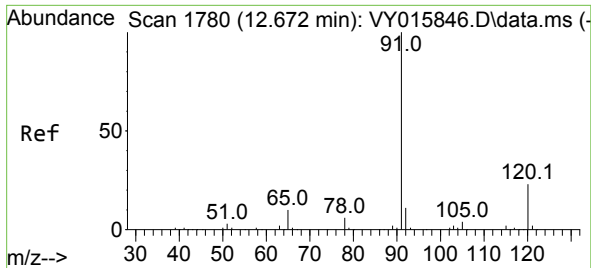
Ion Ratio Lower Upper

156 100

77 204.6 92.8 278.6

158 99.5 48.4 145.3

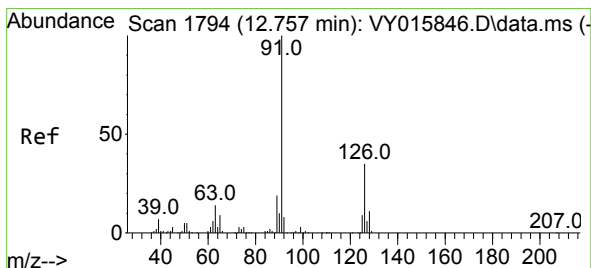
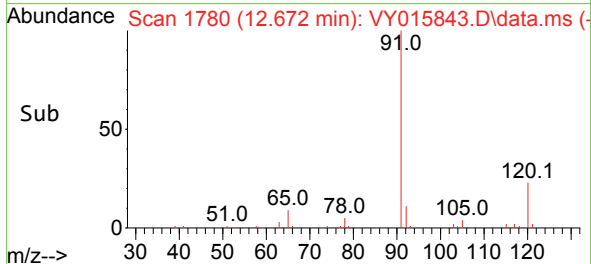
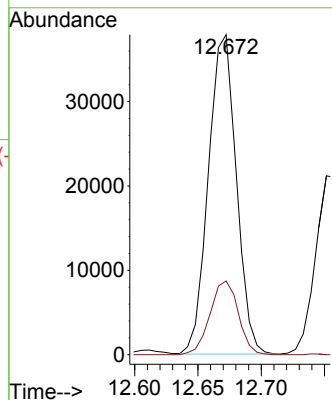
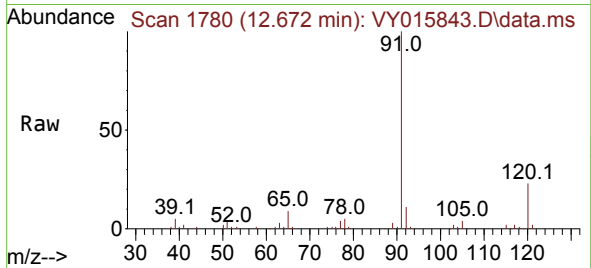




#78
n-propylbenzene
Concen: 4.916 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

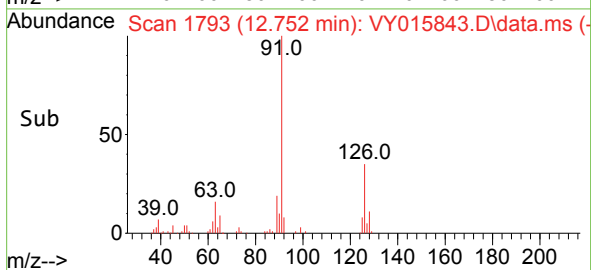
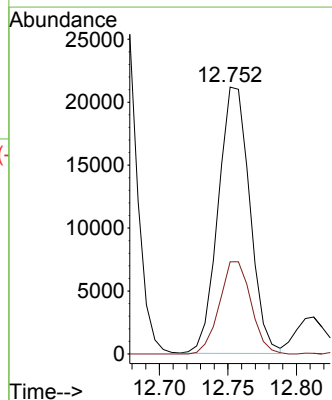
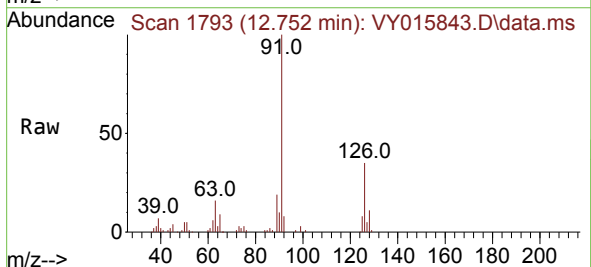
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

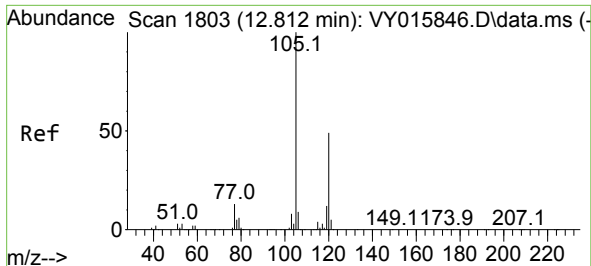
Tgt Ion: 91 Resp: 58238
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4



#79
2-Chlorotoluene
Concen: 4.989 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

Tgt Ion: 91 Resp: 34032
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.7

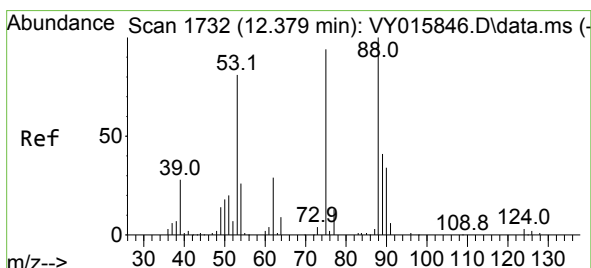
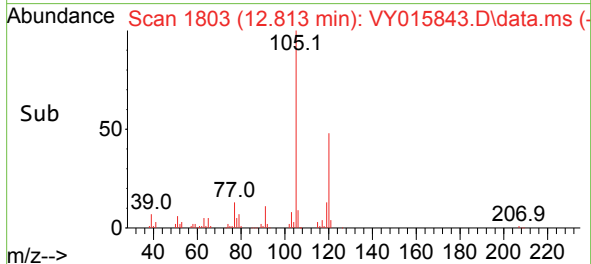
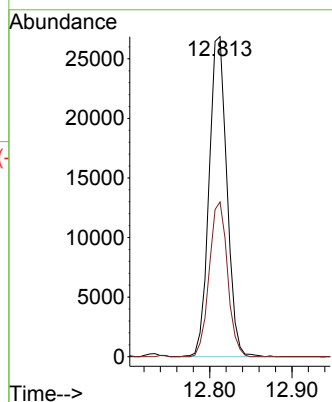
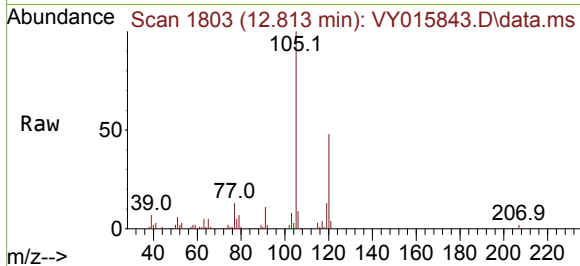




#80
1,3,5-Trimethylbenzene
Concen: 4.906 ug/l
RT: 12.813 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

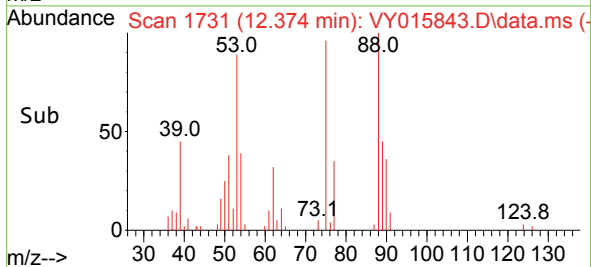
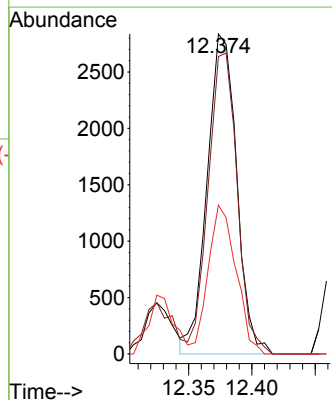
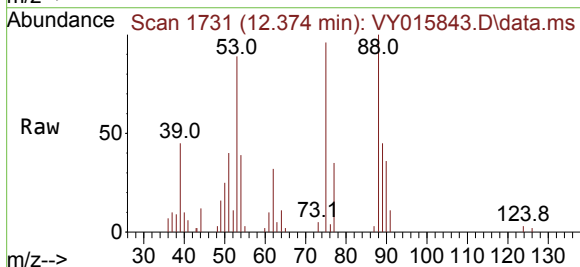
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

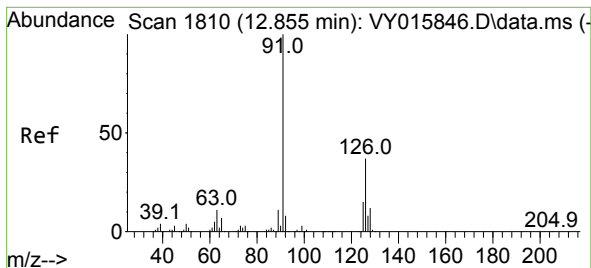
Tgt Ion:105 Resp: 40433
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7



#81
trans-1,4-Dichloro-2-butene
Concen: 4.707 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

Tgt Ion: 75 Resp: 4596
Ion Ratio Lower Upper
75 100
53 92.1 77.8 116.8
89 44.0 37.4 56.0





#82

4-Chlorotoluene

Concen: 5.048 ug/l

RT: 12.855 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VY015843.D

Acq: 05 Oct 2023 12:14

Instrument :

MSVOA_Y

ClientSampleId :

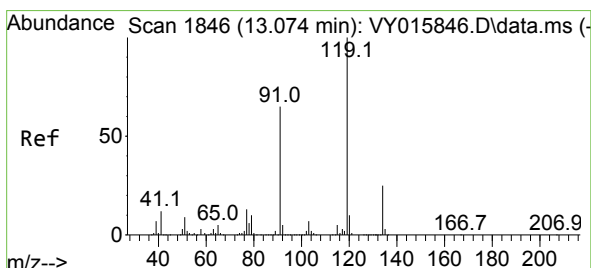
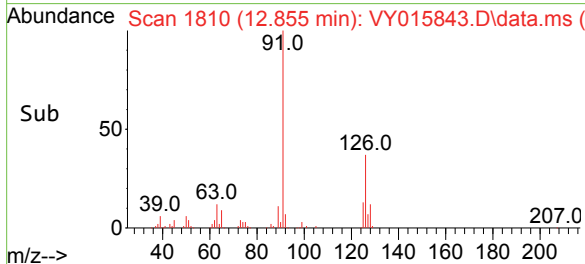
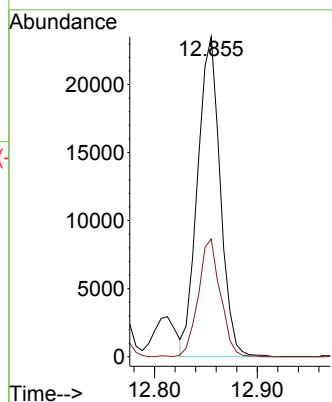
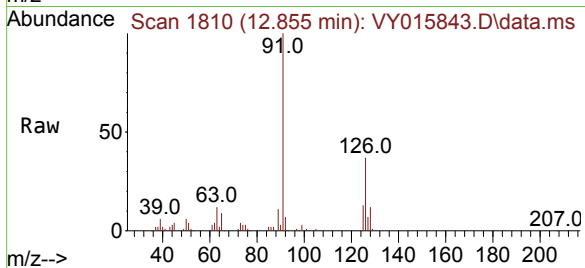
VSTDIC005

Tgt Ion: 91 Resp: 36042

Ion Ratio Lower Upper

91 100

126 35.9 17.2 51.6



#83

tert-Butylbenzene

Concen: 5.028 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015843.D

Acq: 05 Oct 2023 12:14

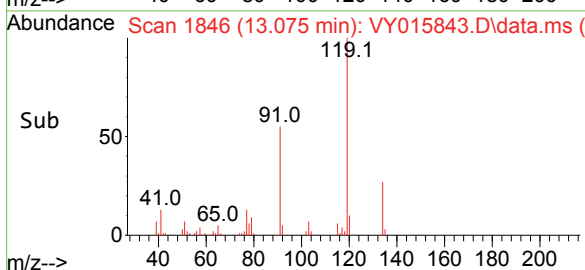
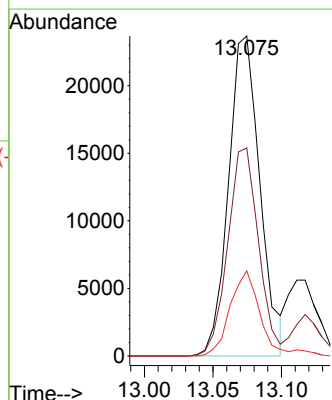
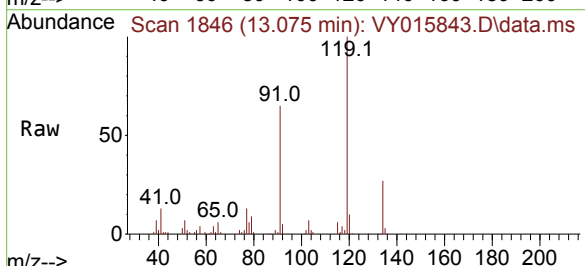
Tgt Ion: 119 Resp: 37881

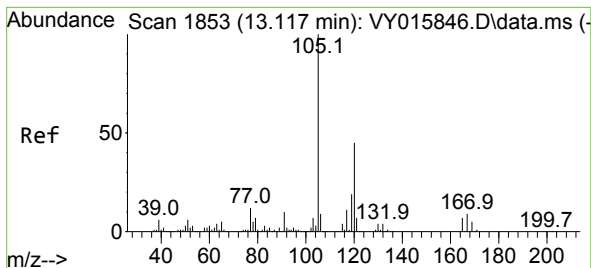
Ion Ratio Lower Upper

119 100

91 63.7 32.9 98.6

134 25.8 13.0 38.9





#84

1,2,4-Trimethylbenzene

Concen: 4.907 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015843.D

Acq: 05 Oct 2023 12:14

Instrument :

MSVOA_Y

ClientSampleId :

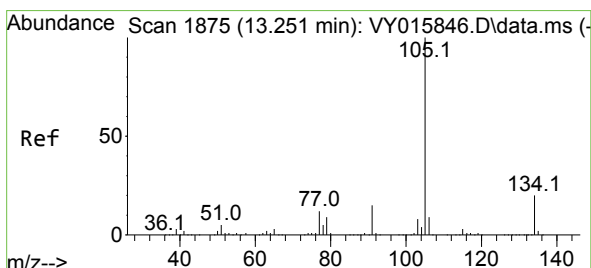
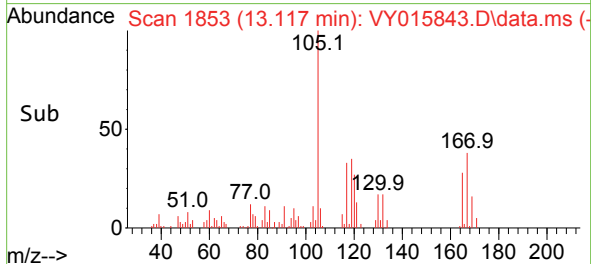
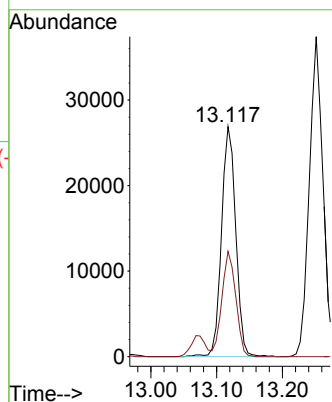
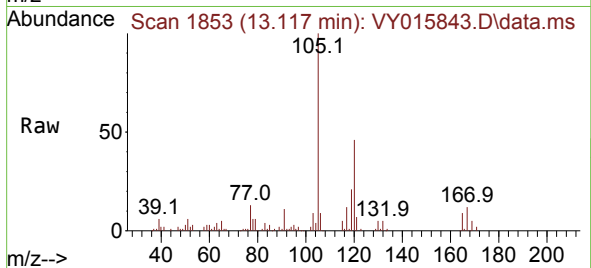
VSTDIC005

Tgt Ion:105 Resp: 40631

Ion Ratio Lower Upper

105 100

120 44.4 22.2 66.6



#85

sec-Butylbenzene

Concen: 4.878 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015843.D

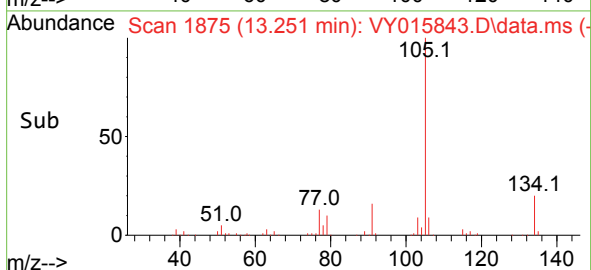
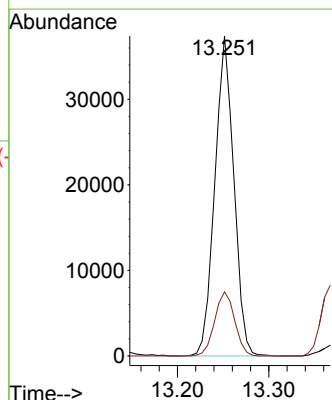
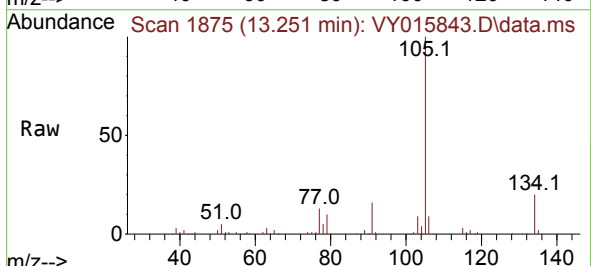
Acq: 05 Oct 2023 12:14

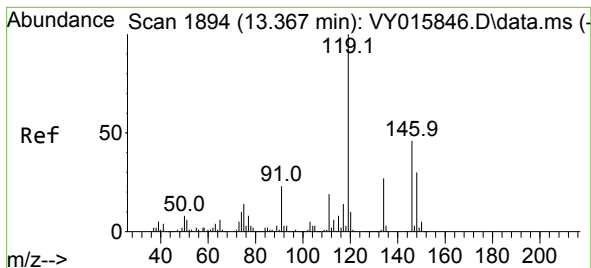
Tgt Ion:105 Resp: 53921

Ion Ratio Lower Upper

105 100

134 21.1 10.2 30.6





#86

p-Isopropyltoluene

Concen: 4.889 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015843.D

Acq: 05 Oct 2023 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

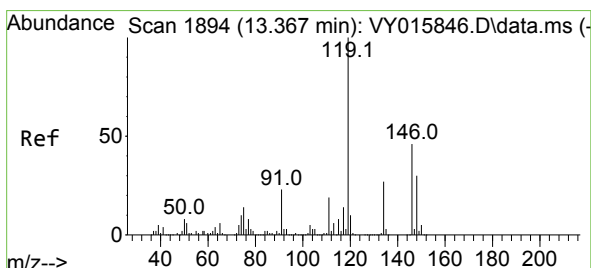
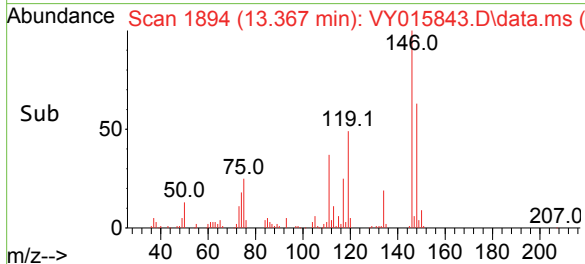
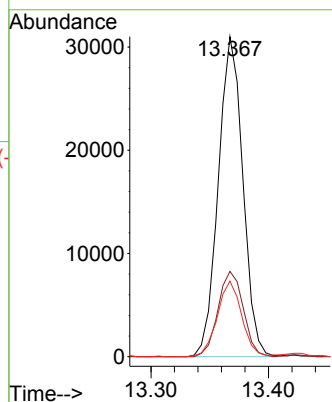
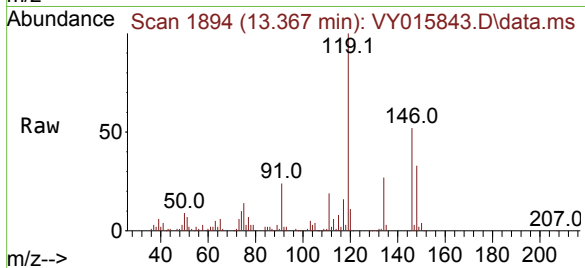
Tgt Ion:119 Resp: 45000

Ion Ratio Lower Upper

119 100

134 27.3 13.3 39.8

91 23.6 12.4 37.4



#87

1,3-Dichlorobenzene

Concen: 5.160 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015843.D

Acq: 05 Oct 2023 12:14

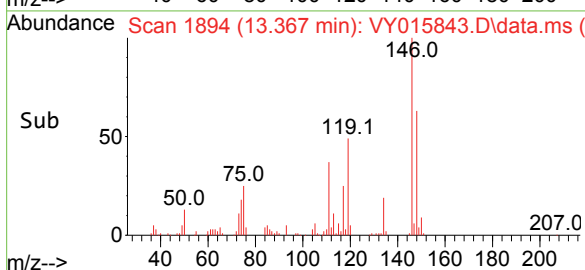
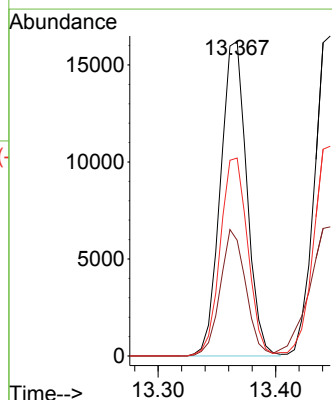
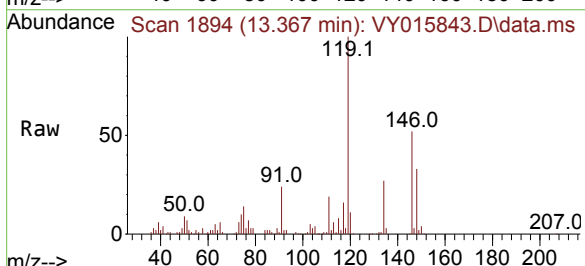
Tgt Ion:146 Resp: 25277

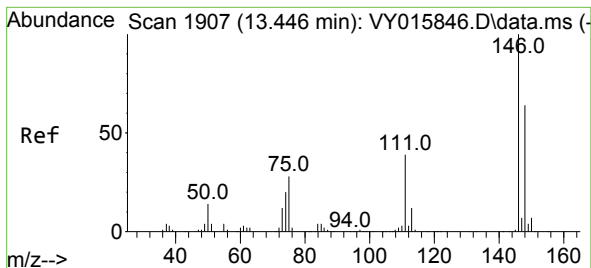
Ion Ratio Lower Upper

146 100

111 39.1 19.4 58.2

148 65.5 31.9 95.5





#88

1,4-Dichlorobenzene

Concen: 5.207 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015843.D

Acq: 05 Oct 2023 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

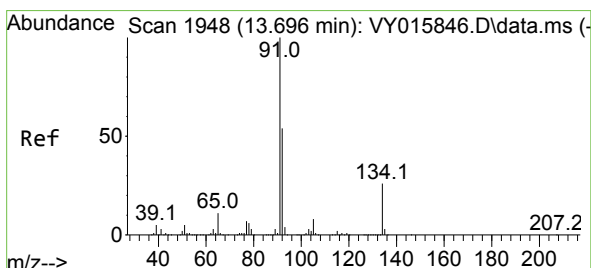
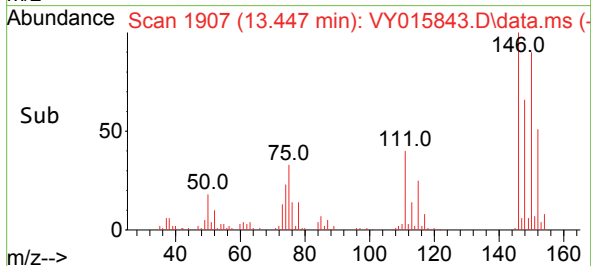
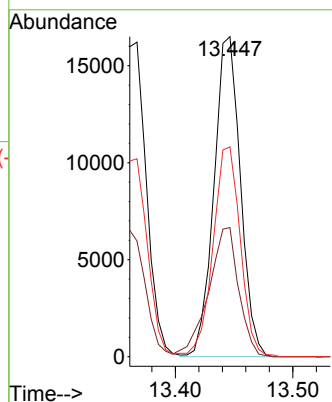
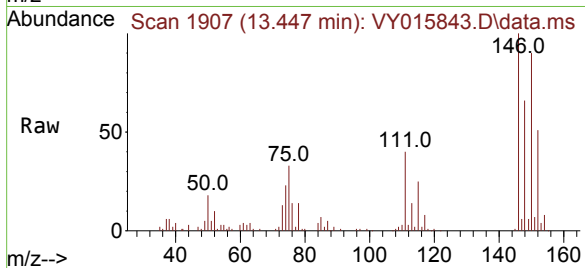
Tgt Ion:146 Resp: 25791

Ion Ratio Lower Upper

146 100

111 46.2 18.9 56.7

148 67.8 32.1 96.5



#89

n-Butylbenzene

Concen: 4.928 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015843.D

Acq: 05 Oct 2023 12:14

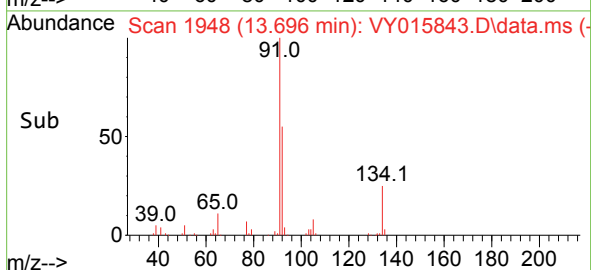
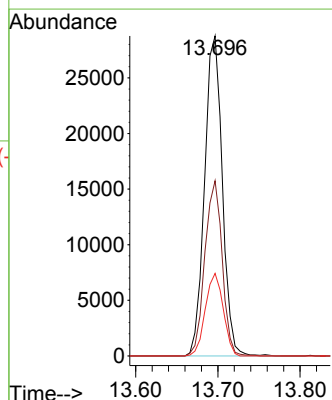
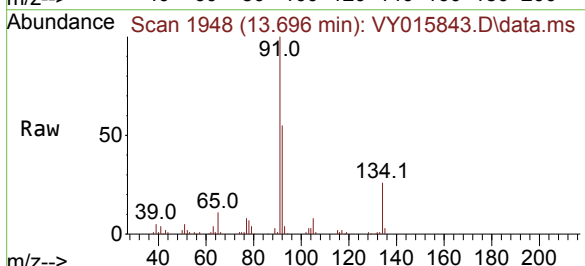
Tgt Ion: 91 Resp: 43162

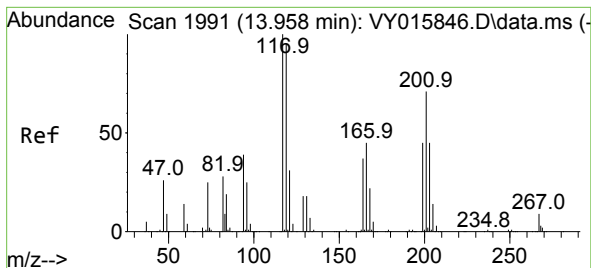
Ion Ratio Lower Upper

91 100

92 53.4 25.4 76.0

134 26.0 12.6 37.6

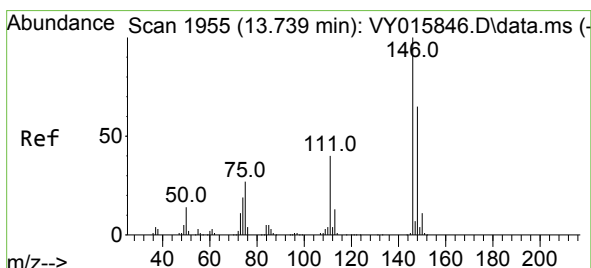
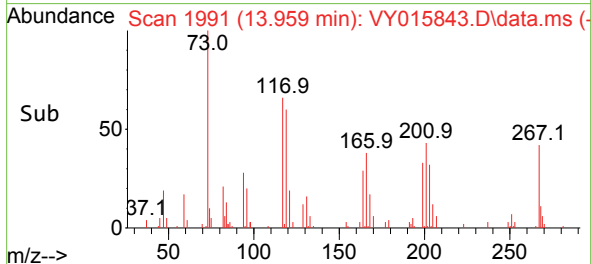
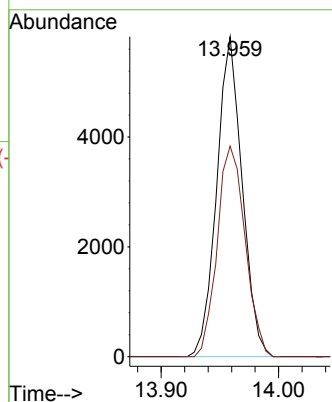
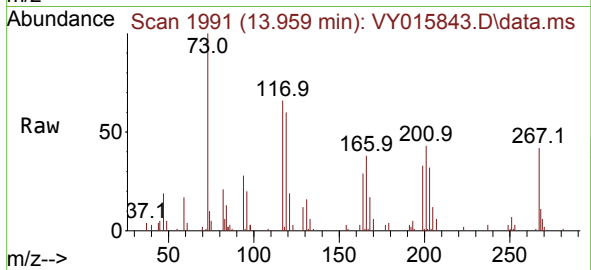




#90
Hexachloroethane
Concen: 4.881 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

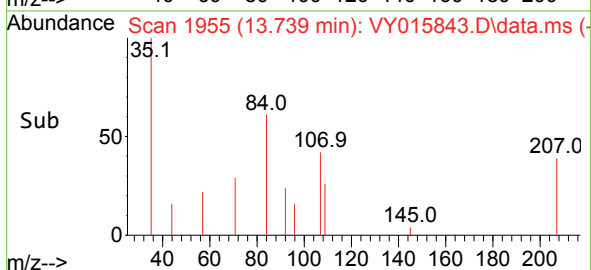
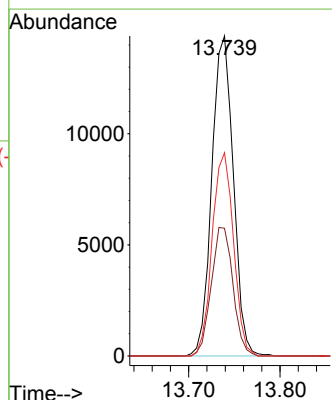
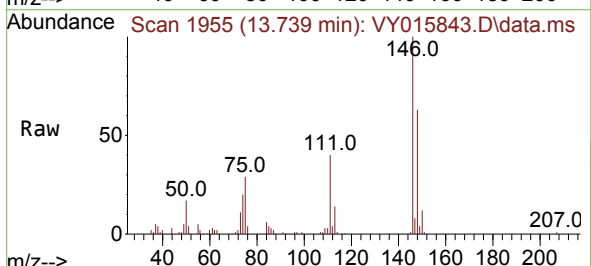
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

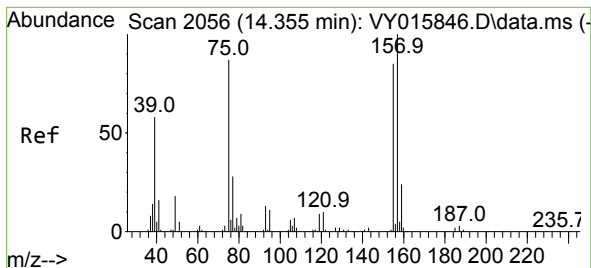
Tgt Ion:117 Resp: 8770
Ion Ratio Lower Upper
117 100
201 72.1 41.6 124.8



#91
1,2-Dichlorobenzene
Concen: 5.103 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

Tgt Ion:146 Resp: 23543
Ion Ratio Lower Upper
146 100
111 40.5 19.7 59.0
148 63.1 32.0 96.2

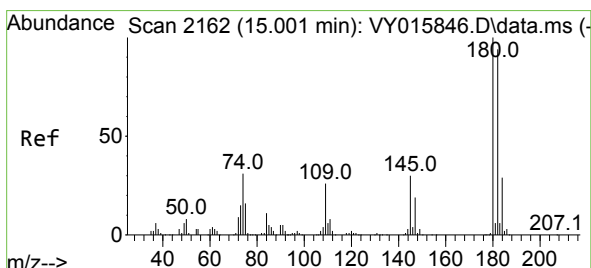
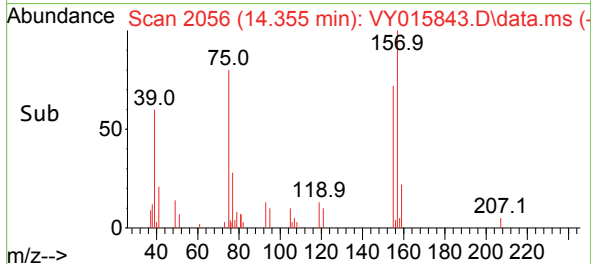
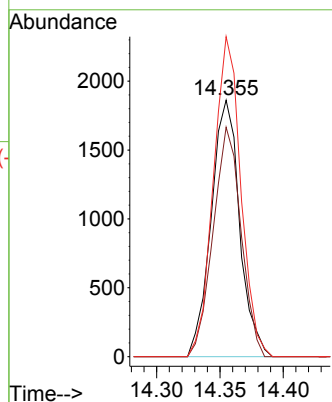
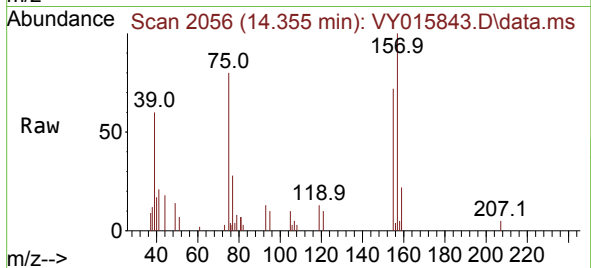




#92
1,2-Dibromo-3-Chloropropane
Concen: 4.959 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

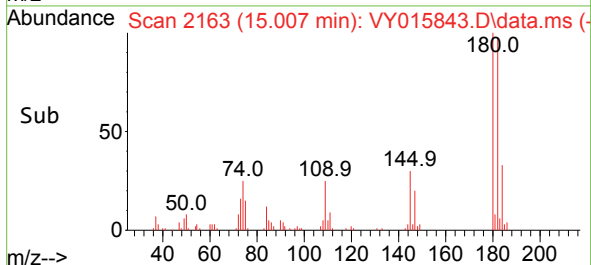
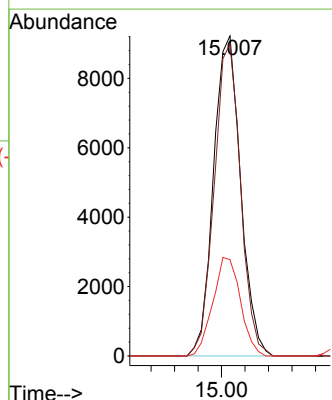
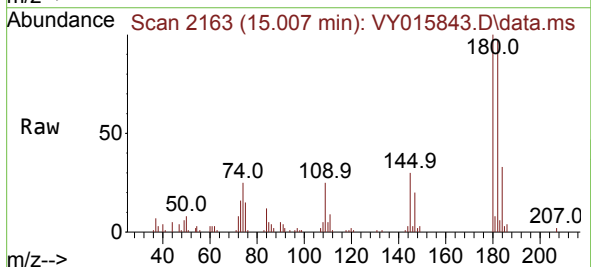
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

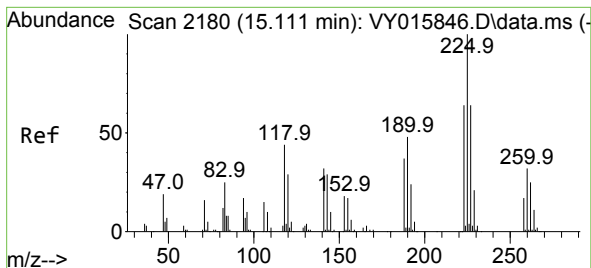
Tgt Ion: 75 Resp: 2907
Ion Ratio Lower Upper
75 100
155 87.6 41.5 124.6
157 120.0 51.8 155.5



#93
1,2,4-Trichlorobenzene
Concen: 4.915 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.006 min
Lab File: VY015843.D
Acq: 05 Oct 2023 12:14

Tgt Ion: 180 Resp: 14759
Ion Ratio Lower Upper
180 100
182 94.6 47.0 141.2
145 31.4 14.5 43.5





#94

Hexachlorobutadiene

Concen: 5.082 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015843.D

Acq: 05 Oct 2023 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

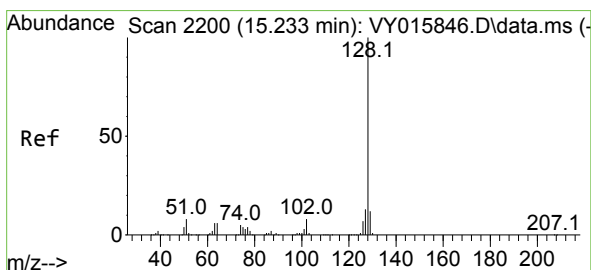
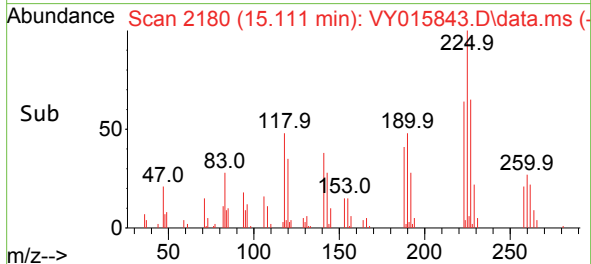
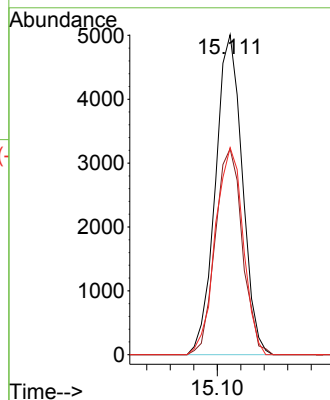
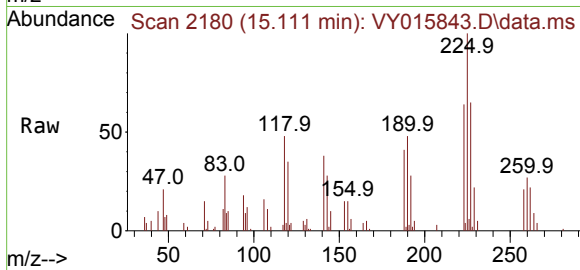
Tgt Ion:225 Resp: 7951

Ion Ratio Lower Upper

225 100

223 65.3 31.9 95.9

227 67.1 33.0 98.9



#95

Naphthalene

Concen: 4.833 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015843.D

Acq: 05 Oct 2023 12:14

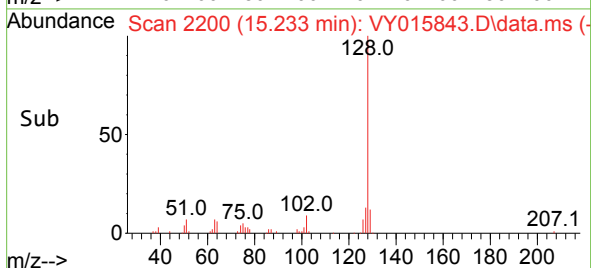
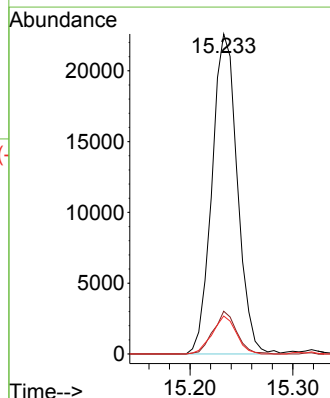
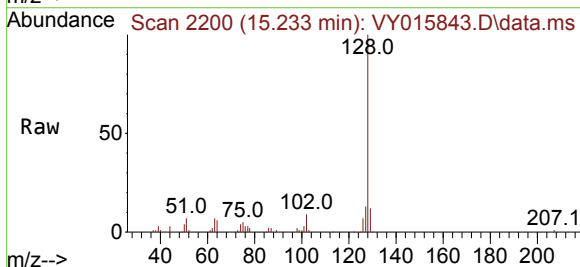
Tgt Ion:128 Resp: 38699

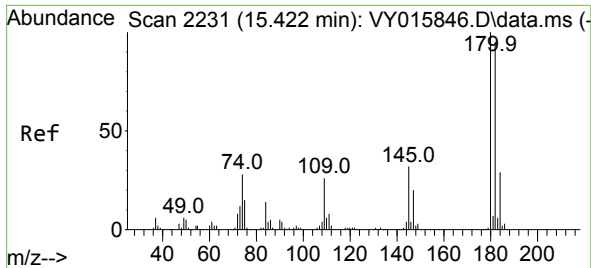
Ion Ratio Lower Upper

128 100

127 12.3 10.8 16.2

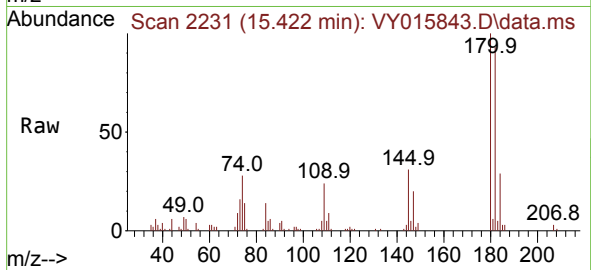
129 11.3 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 5.185 ug/l
 RT: 15.422 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY015843.D
 Acq: 05 Oct 2023 12:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005



Tgt Ion:180 Resp: 14588
 Ion Ratio Lower Upper
 180 100
 182 90.8 47.3 141.8
 145 32.7 15.4 46.2

