

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015405.D
 Acq On : 01 Sep 2023 10:22
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: Sep 01 23:25:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	179887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	301074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	274663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	138310	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	90597	46.981	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.960%
35) Dibromofluoromethane	7.716	113	83448	48.121	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.240%
50) Toluene-d8	10.179	98	288094	45.876	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.760%
62) 4-Bromofluorobenzene	12.483	95	108835	46.684	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.360%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	69413	44.391	ug/l	95
3) Chloromethane	2.113	50	101815	49.028	ug/l	97
4) Vinyl Chloride	2.247	62	112259	46.443	ug/l	100
5) Bromomethane	2.650	94	82633	48.045	ug/l	95
6) Chloroethane	2.790	64	79369	49.956	ug/l	94
7) Trichlorofluoromethane	3.119	101	153012	44.752	ug/l	99
8) Diethyl Ether	3.528	74	57852	49.510	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	84982	44.844	ug/l	96
10) Methyl Iodide	4.088	142	113843	51.156	ug/l	98
11) Tert butyl alcohol	4.979	59	84989	193.517	ug/l	100
12) 1,1-Dichloroethene	3.869	96	83952	46.948	ug/l	93
13) Acrolein	3.729	56	119841	224.923	ug/l	99
14) Allyl chloride	4.479	41	141676	49.761	ug/l	96
15) Acrylonitrile	5.168	53	179574	244.228	ug/l	99
16) Acetone	3.954	43	211203	262.400	ug/l	93
17) Carbon Disulfide	4.192	76	252584	47.248	ug/l	99
18) Methyl Acetate	4.479	43	140924	48.339	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	286796	49.346	ug/l	99
20) Methylene Chloride	4.710	84	108164	40.390	ug/l	92
21) trans-1,2-Dichloroethene	5.216	96	98255	47.716	ug/l	96
22) Diisopropyl ether	6.119	45	313981	50.424	ug/l	94
23) Vinyl Acetate	6.058	43	1001347	254.699	ug/l	96
24) 1,1-Dichloroethane	6.015	63	176060	48.911	ug/l	98
25) 2-Butanone	6.990	43	290299	254.292	ug/l	97
26) 2,2-Dichloropropane	6.984	77	150000	49.063	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	114674	49.090	ug/l	95
28) Bromochloromethane	7.332	49	52450	47.516	ug/l	98
29) Tetrahydrofuran	7.350	42	172689	240.885	ug/l	95
30) Chloroform	7.502	83	184458	48.747	ug/l	96
31) Cyclohexane	7.783	56	149134	43.537	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	161337	47.735	ug/l	99
36) 1,1-Dichloropropene	7.917	75	138110	45.357	ug/l	99
37) Ethyl Acetate	7.076	43	113862	48.485	ug/l	96
38) Carbon Tetrachloride	7.899	117	143501	45.631	ug/l	100
39) Methylcyclohexane	9.185	83	166652	43.474	ug/l	93
40) Benzene	8.161	78	404063	47.563	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	44833	40.711	ug/l	88
42) 1,2-Dichloroethane	8.234	62	130919	46.215	ug/l	95
43) Isopropyl Acetate	8.271	43	197759	48.698	ug/l	98
44) Trichloroethene	8.941	130	113923	47.397	ug/l	99
45) 1,2-Dichloropropane	9.216	63	103614	48.382	ug/l	98
46) Dibromomethane	9.307	93	68447	48.115	ug/l	95
47) Bromodichloromethane	9.496	83	147175	48.378	ug/l	98
48) Methyl methacrylate	9.295	41	89729	48.159	ug/l	91
49) 1,4-Dioxane	9.313	88	22976	869.532	ug/l #	51
51) 4-Methyl-2-Pentanone	10.069	43	570868	241.864	ug/l	94
52) Toluene	10.246	92	256790	47.161	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	158779	49.111	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	173116	49.223	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	91453	47.712	ug/l	98
56) Ethyl methacrylate	10.508	69	140527	49.474	ug/l	90
57) 1,3-Dichloropropane	10.788	76	159518	48.346	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	169578	167.260	ug/l	96
59) 2-Hexanone	10.831	43	439266	248.027	ug/l	93
60) Dibromochloromethane	10.984	129	111578	49.734	ug/l	100
61) 1,2-Dibromoethane	11.087	107	93161	47.966	ug/l	99
64) Tetrachloroethene	10.721	164	124249	49.839	ug/l	98
65) Chlorobenzene	11.514	112	277616	46.905	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	106170	49.009	ug/l	98
67) Ethyl Benzene	11.593	91	496742	46.740	ug/l	98
68) m/p-Xylenes	11.703	106	384384	93.309	ug/l	97
69) o-Xylene	12.032	106	186012	47.248	ug/l	97
70) Styrene	12.044	104	321986	48.641	ug/l	96
71) Bromoform	12.209	173	75410	49.902	ug/l #	99
73) Isopropylbenzene	12.331	105	486393	46.818	ug/l	99
74) N-amyl acetate	12.142	43	176876	50.677	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	117718	47.466	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	163567	89.179	ug/l #	100
77) Bromobenzene	12.611	156	117924	47.926	ug/l	96
78) n-propylbenzene	12.672	91	594547	47.296	ug/l	100
79) 2-Chlorotoluene	12.758	91	334454	47.435	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	408692	47.032	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	42272	50.840	ug/l	96
82) 4-Chlorotoluene	12.855	91	349913	47.751	ug/l	99
83) tert-Butylbenzene	13.075	119	346924	45.582	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	409109	47.417	ug/l	98
85) sec-Butylbenzene	13.251	105	527643	46.480	ug/l	100
86) p-Isopropyltoluene	13.367	119	443733	46.638	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	230198	47.389	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	231266	47.098	ug/l	99
89) n-Butylbenzene	13.696	91	414934	46.335	ug/l	97
90) Hexachloroethane	13.959	117	82649	48.570	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	211434	47.695	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23319	47.532	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	130367	46.827	ug/l	99
94) Hexachlorobutadiene	15.111	225	65428	43.099	ug/l	98
95) Naphthalene	15.239	128	338775	49.124	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	120185	47.328	ug/l	99

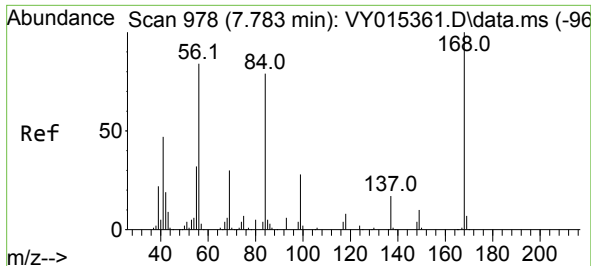
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Response via : Initial Calibration

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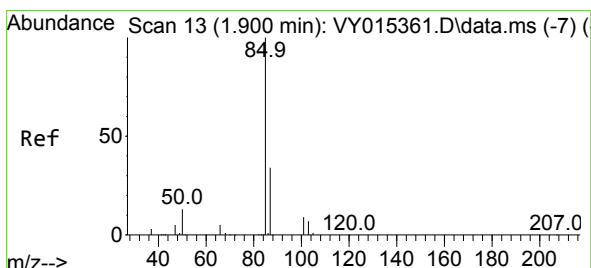
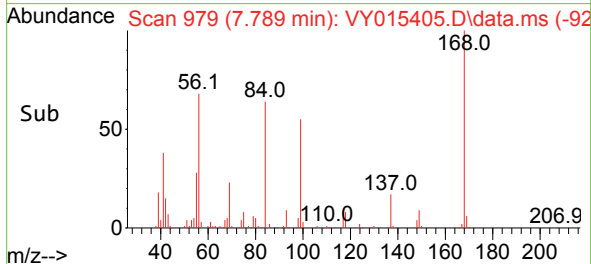
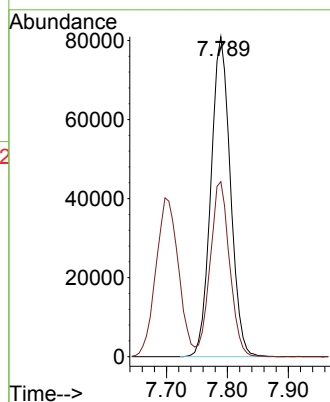
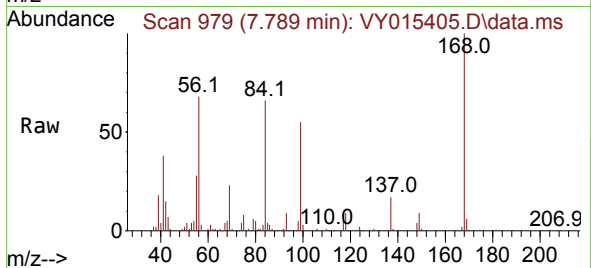
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015405.D
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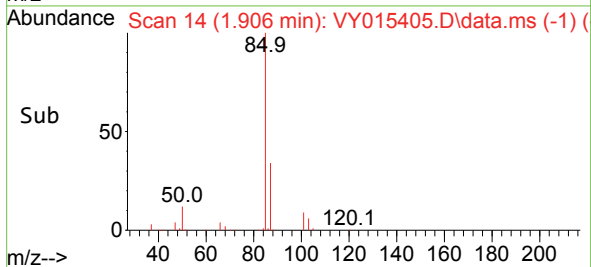
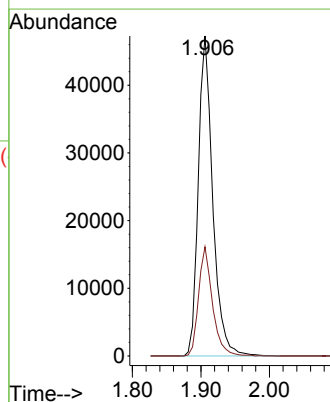
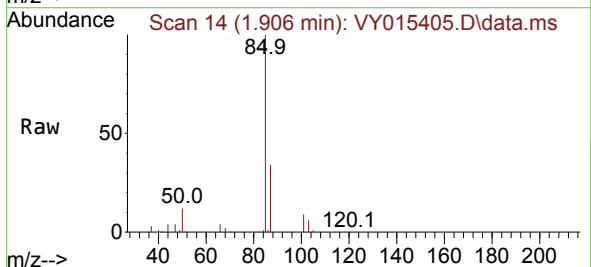
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ClientSampleId :
VSTDCCC050

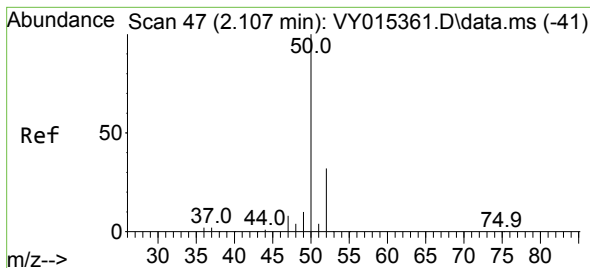
Tgt Ion:168 Resp: 179887
Ion Ratio Lower Upper
168 100
99 54.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 44.391 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

Tgt Ion: 85 Resp: 69413
Ion Ratio Lower Upper
85 100
87 34.1 15.6 46.8





#3

Chloromethane

Concen: 49.028 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015405.D

Acq: 01 Sep 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

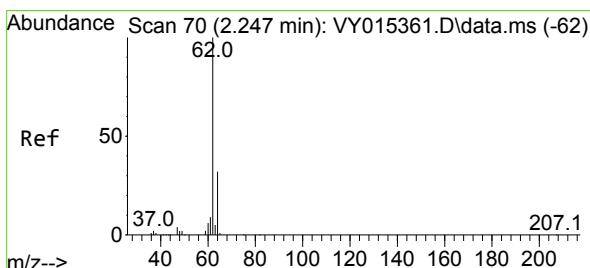
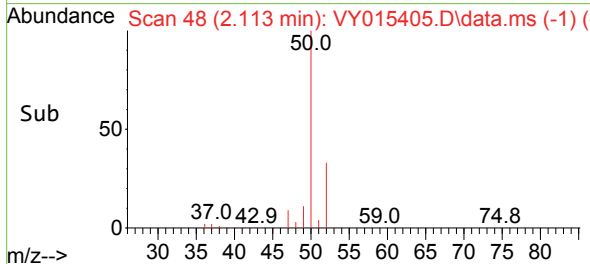
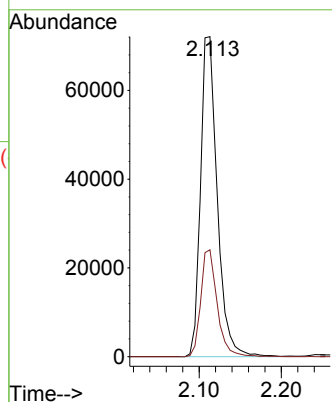
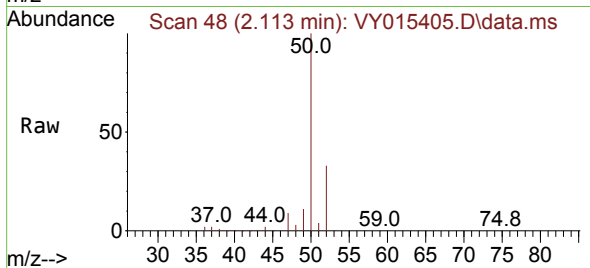
VSTDCCC050

Tgt Ion: 50 Resp: 101815

Ion Ratio Lower Upper

50 100

52 33.4 25.4 38.2



#4

Vinyl Chloride

Concen: 46.443 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.006 min

Lab File: VY015405.D

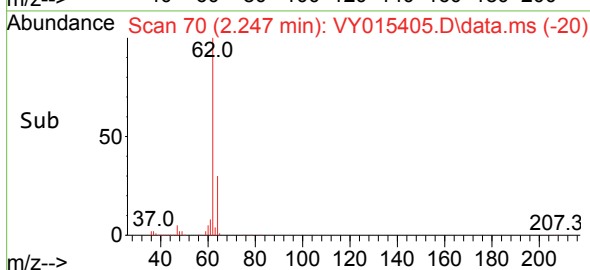
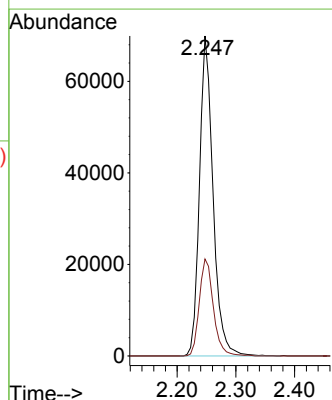
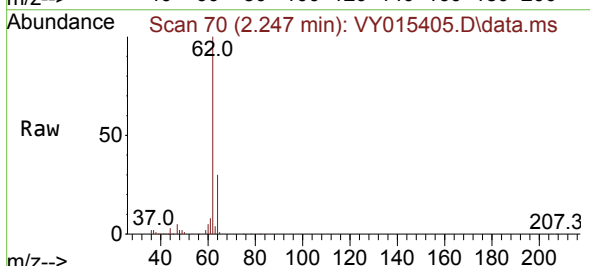
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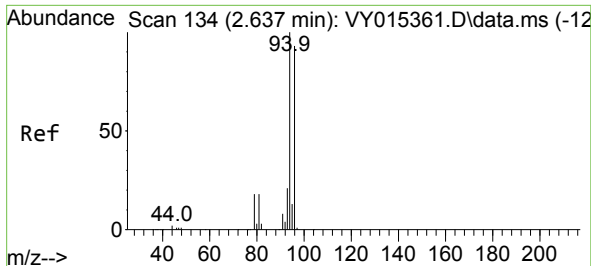
Tgt Ion: 62 Resp: 112259

Ion Ratio Lower Upper

62 100

64 30.3 24.3 36.5

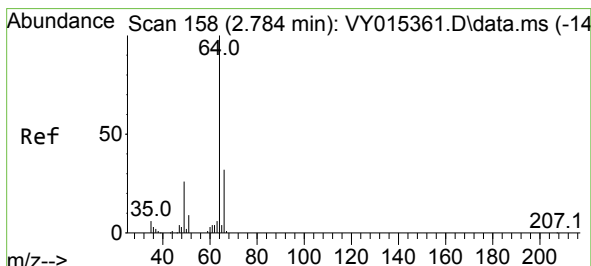
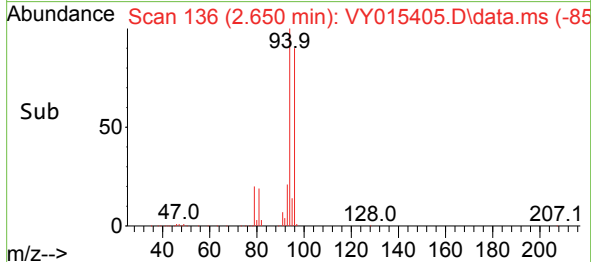
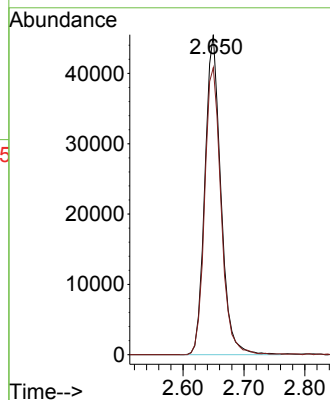
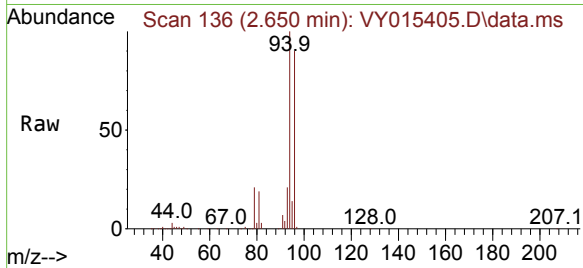




#5
Bromomethane
Concen: 48.045 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

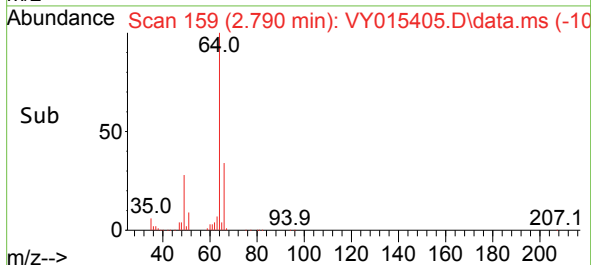
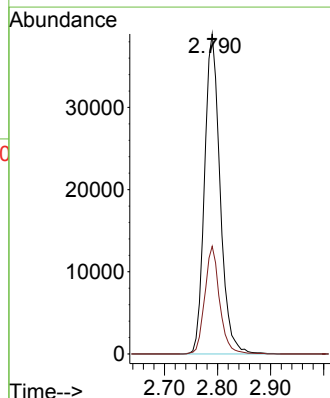
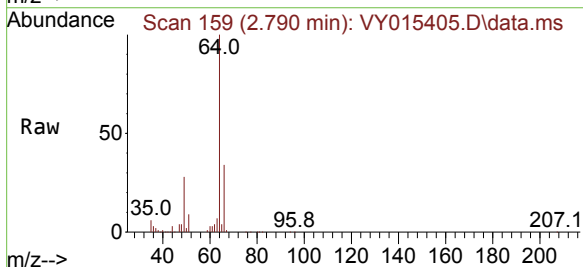
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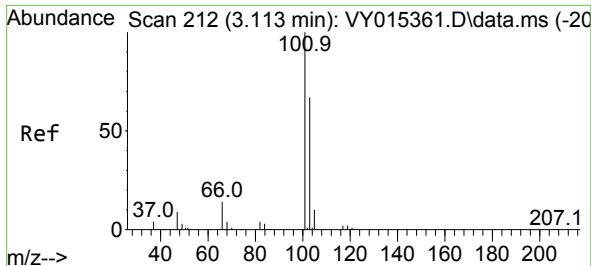
Tgt Ion: 94 Resp: 82633
Ion Ratio Lower Upper
94 100
96 89.7 75.8 113.6



#6
Chloroethane
Concen: 49.956 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

Tgt Ion: 64 Resp: 79369
Ion Ratio Lower Upper
64 100
66 33.6 24.4 36.6

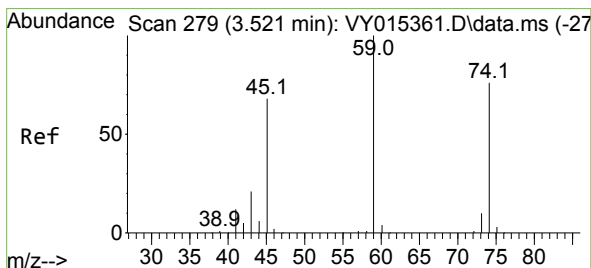
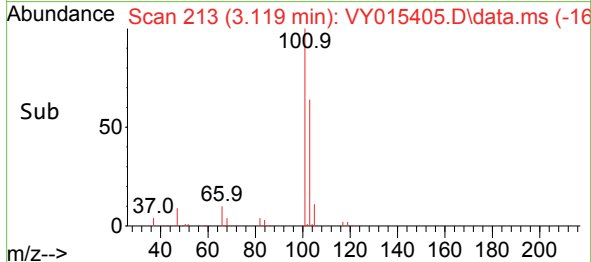
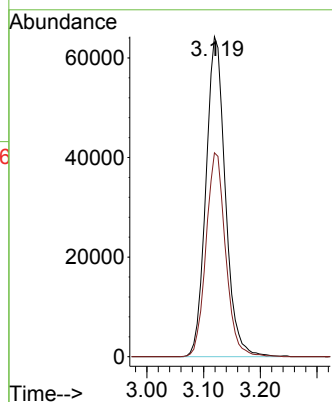
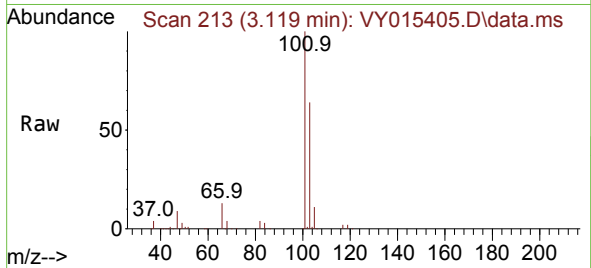




#7
 Trichlorofluoromethane
 Concen: 44.752 ug/l
 RT: 3.119 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY015405.D
 Acq: 01 Sep 2023 10:22

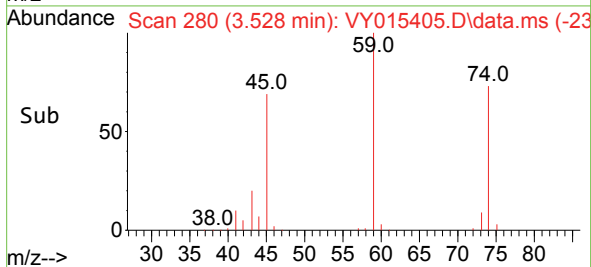
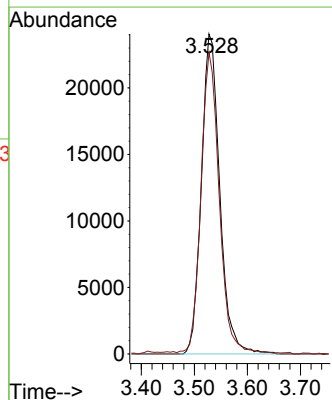
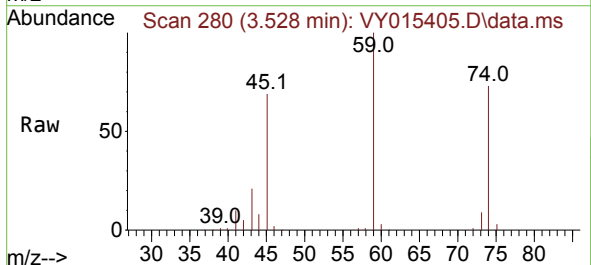
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 MSVOA_Y
 ClientSampleId :
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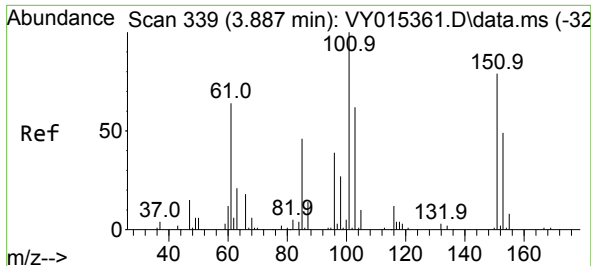
Tgt Ion:101 Resp: 153012
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.4 77.0



#8
 Diethyl Ether
 Concen: 49.510 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY015405.D
 Acq: 01 Sep 2023 10:22

Tgt Ion: 74 Resp: 57852
 Ion Ratio Lower Upper
 74 100
 45 93.1 51.5 154.5

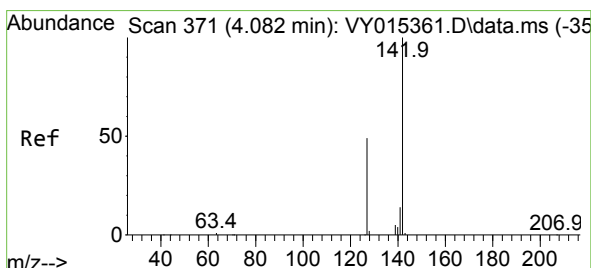
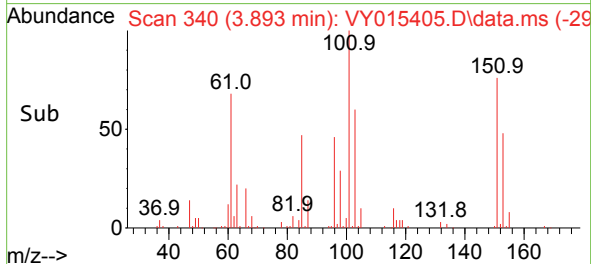
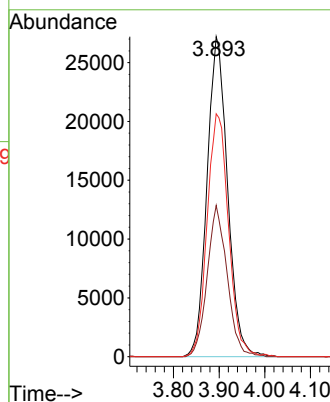
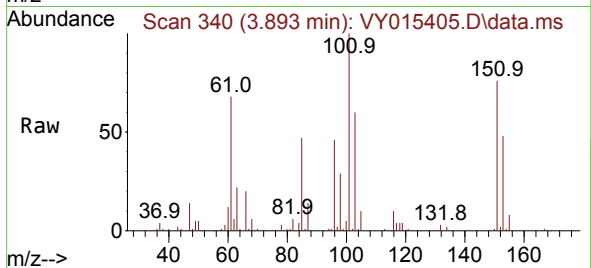




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.844 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
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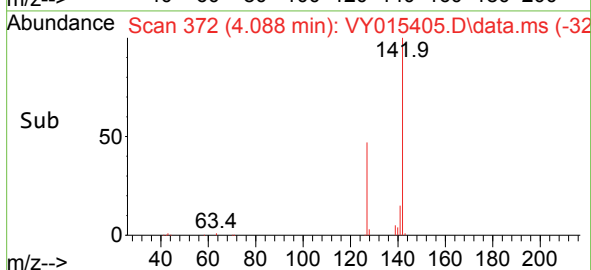
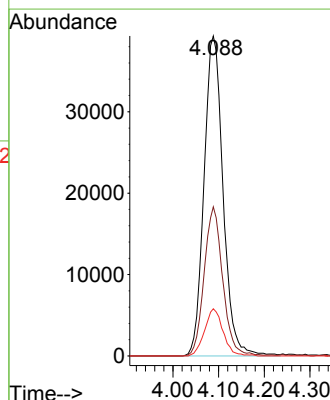
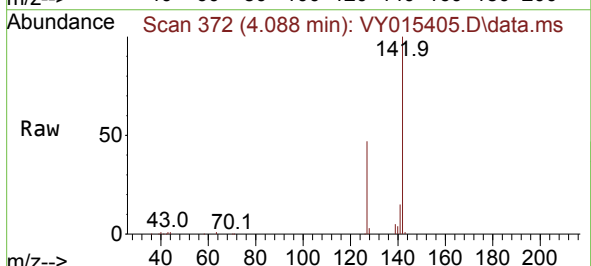
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

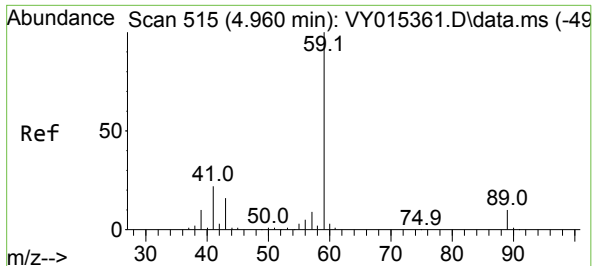
Tgt Ion:101 Resp: 84982
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 78.7 67.0 100.6



#10
Methyl Iodide
Concen: 51.156 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

Tgt Ion:142 Resp: 113843
Ion Ratio Lower Upper
142 100
127 45.4 37.6 56.4
141 14.3 11.8 17.8

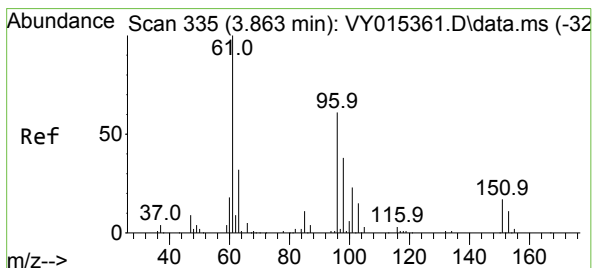
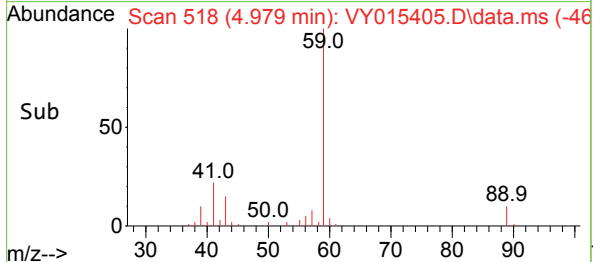
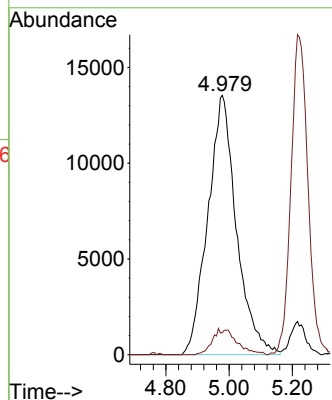
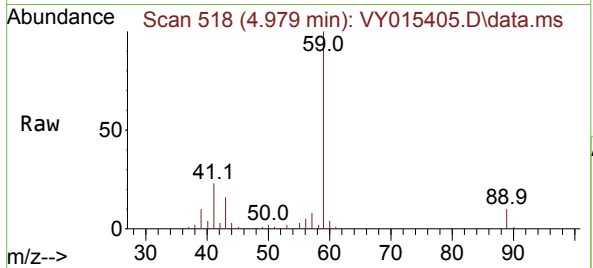




#11
Tert butyl alcohol
Concen: 193.517 ug/l
RT: 4.979 min Scan# 515
Delta R.T. 0.025 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

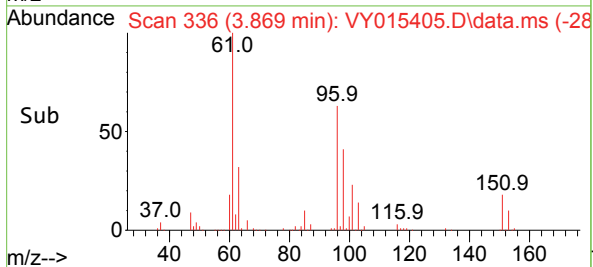
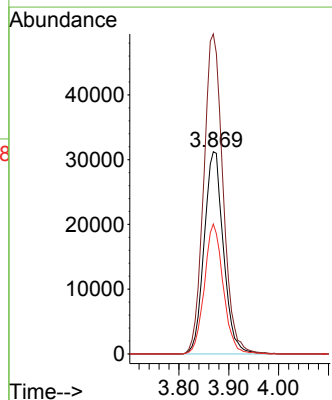
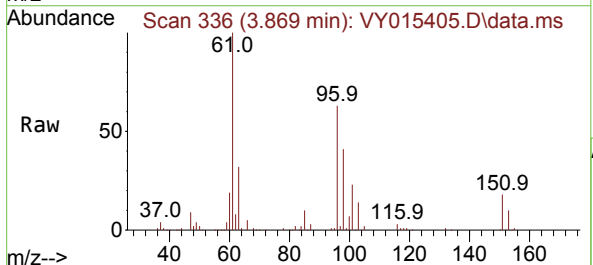
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

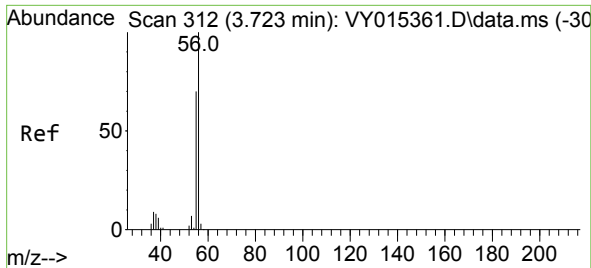
Tgt Ion: 59 Resp: 84989
Ion Ratio Lower Upper
59 100
57 3.6 3.0 4.4



#12
1,1-Dichloroethene
Concen: 46.948 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

Tgt Ion: 96 Resp: 83952
Ion Ratio Lower Upper
96 100
61 158.3 136.4 204.6
98 64.3 49.4 74.2





#13

Acrolein

Concen: 224.923 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY015405.D

Acq: 01 Sep 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

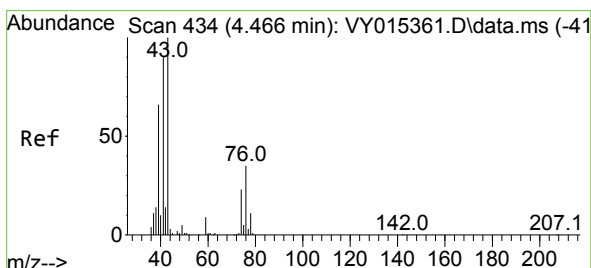
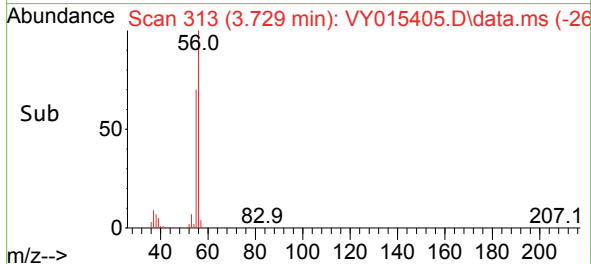
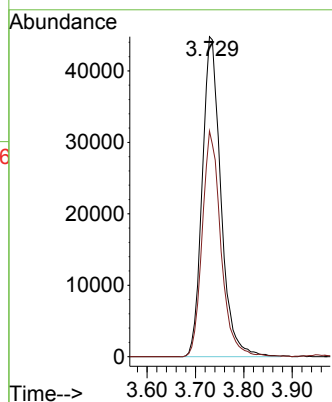
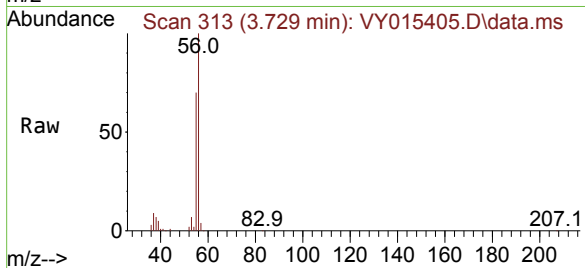
VSTDCCC050

Tgt Ion: 56 Resp: 119841

Ion Ratio Lower Upper

56 100

55 70.7 57.0 85.4



#14

Allyl chloride

Concen: 49.761 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.006 min

Lab File: VY015405.D

Acq: 01 Sep 2023 10:22

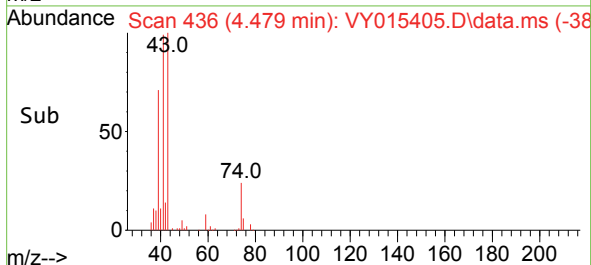
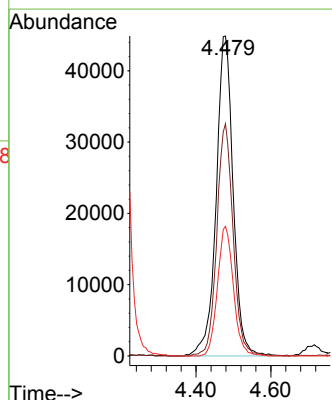
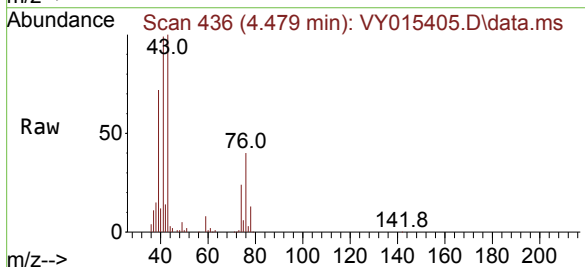
Tgt Ion: 41 Resp: 141676

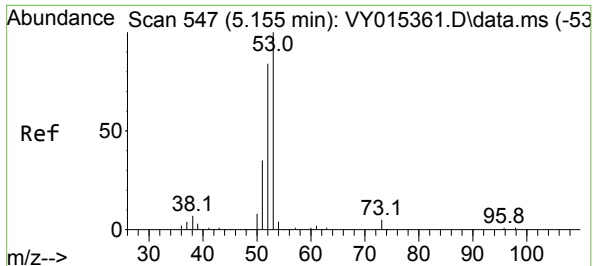
Ion Ratio Lower Upper

41 100

39 69.6 58.0 87.0

76 38.0 27.4 41.2

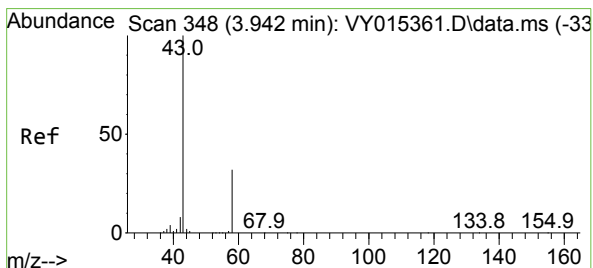
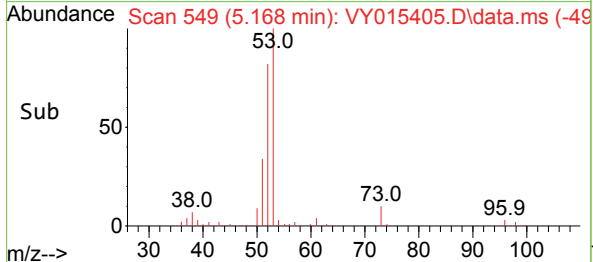
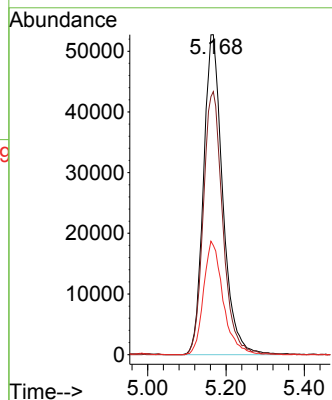
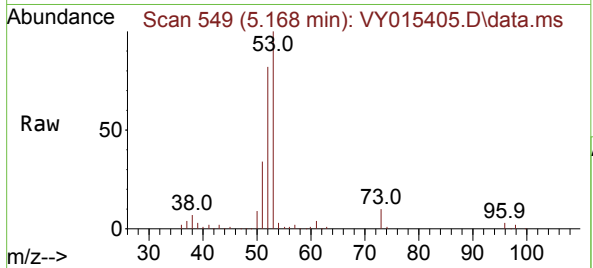




#15
Acrylonitrile
Concen: 244.228 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

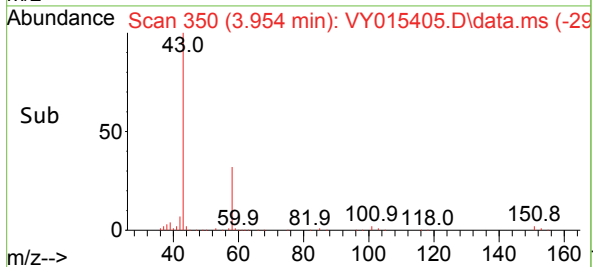
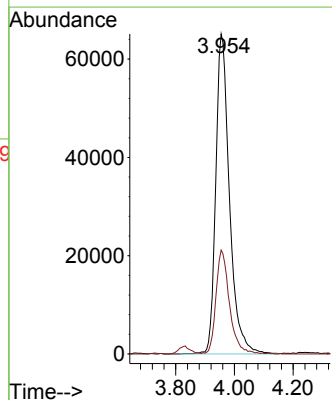
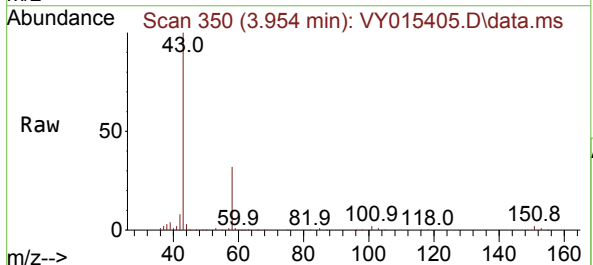
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

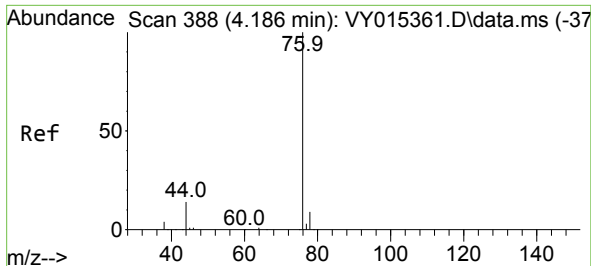
Tgt Ion:	53	Resp:	179574
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.9	100.3
51	36.2	29.8	44.6



#16
Acetone
Concen: 262.400 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

Tgt Ion:	43	Resp:	211203
Ion	Ratio	Lower	Upper
43	100		
58	32.3	22.7	34.1

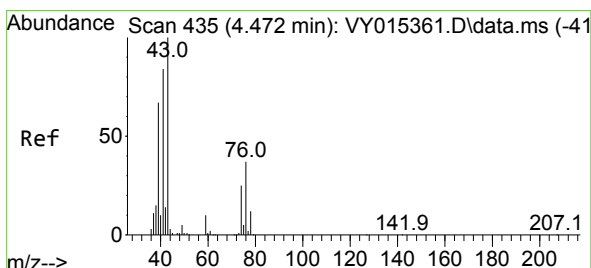
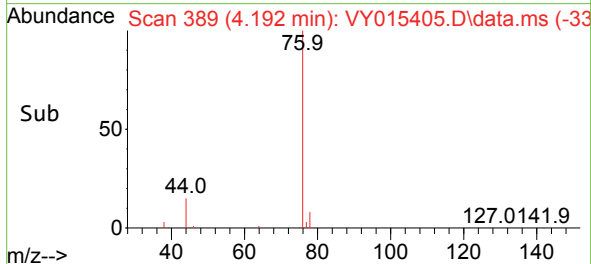
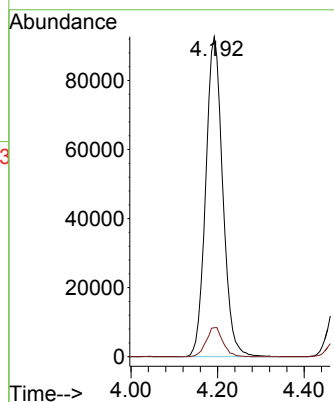
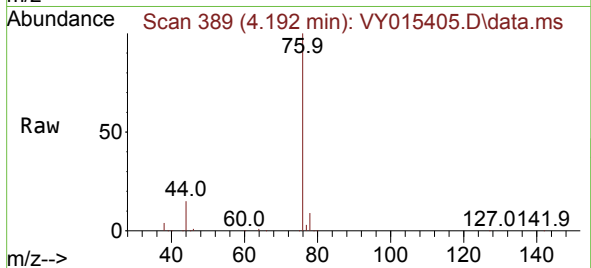




#17
Carbon Disulfide
Concen: 47.248 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

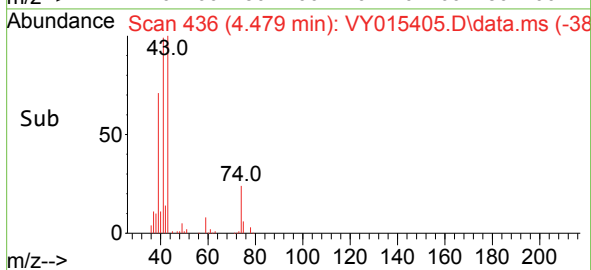
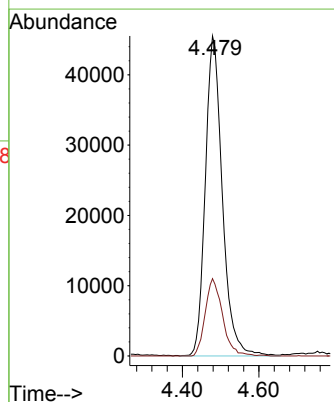
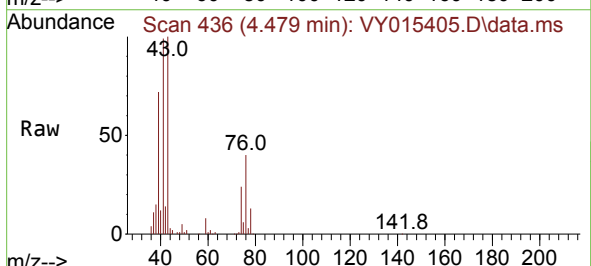
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 252584
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 48.339 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

Tgt Ion: 43 Resp: 140924
Ion Ratio Lower Upper
43 100
74 24.6 17.4 26.0

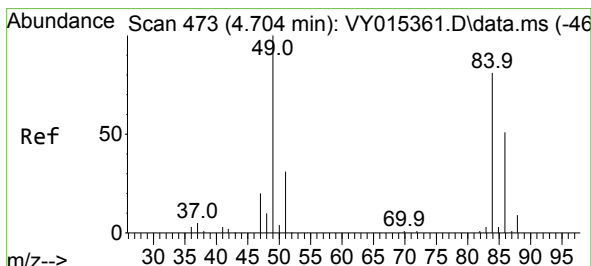
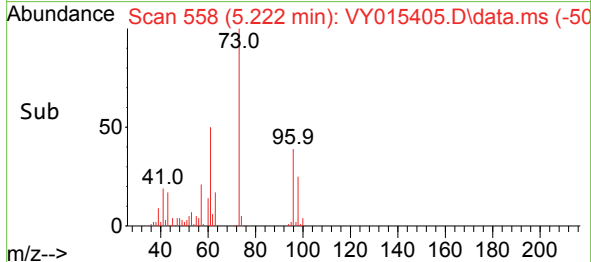
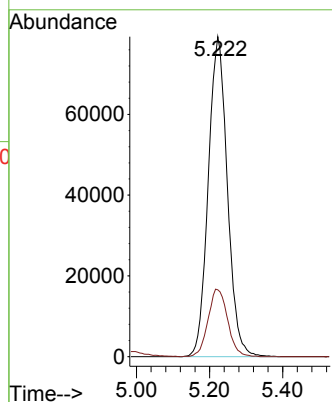
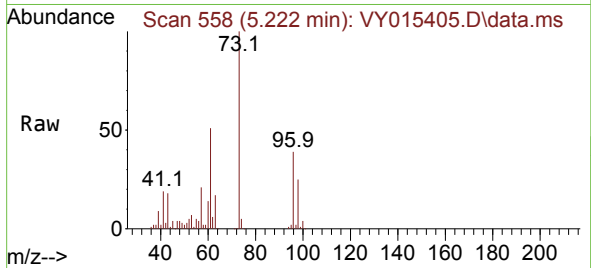




#19
Methyl tert-butyl Ether
Concen: 49.346 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

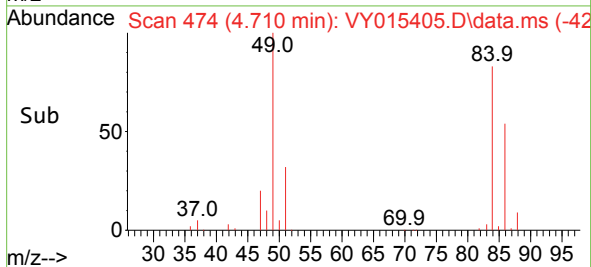
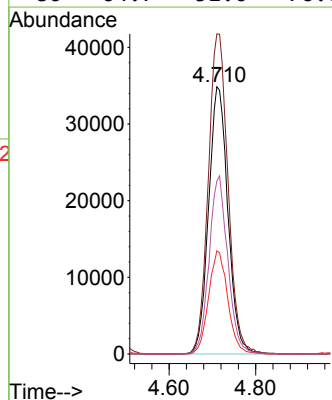
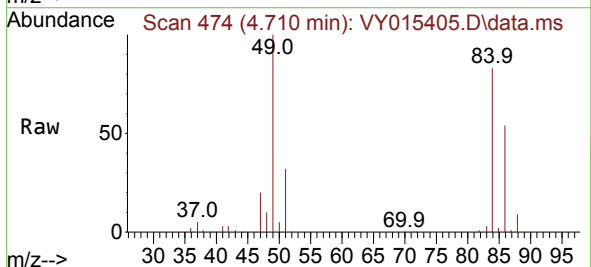
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

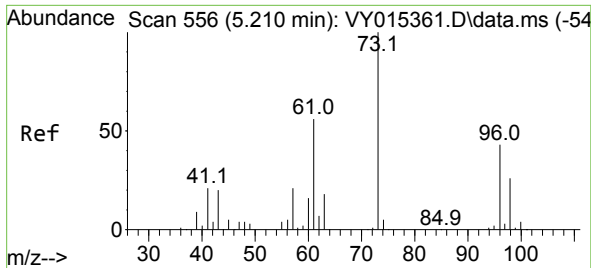
Tgt Ion: 73 Resp: 286796
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9



#20
Methylene Chloride
Concen: 40.390 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

Tgt Ion: 84 Resp: 108164
Ion Ratio Lower Upper
84 100
49 119.8 106.9 160.3
51 38.5 33.2 49.8
86 64.7 51.0 76.6

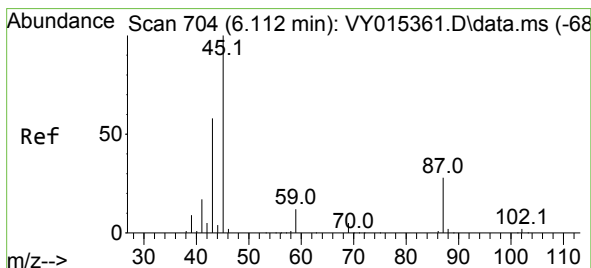
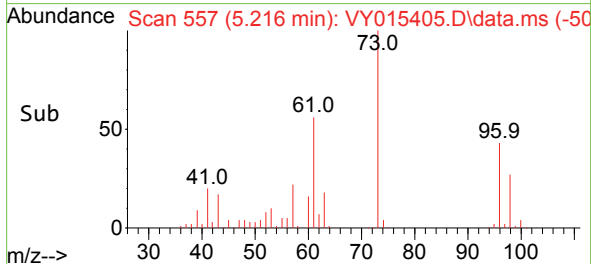
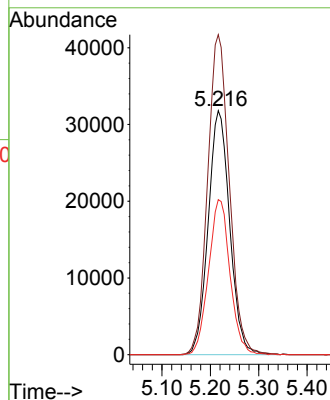
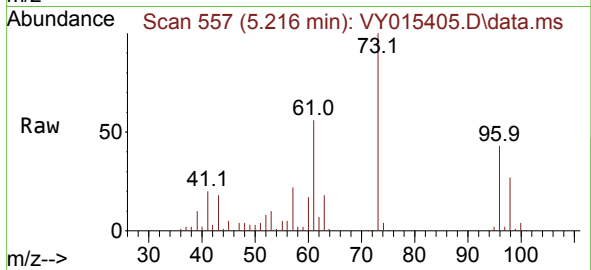




#21
trans-1,2-Dichloroethene
Concen: 47.716 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

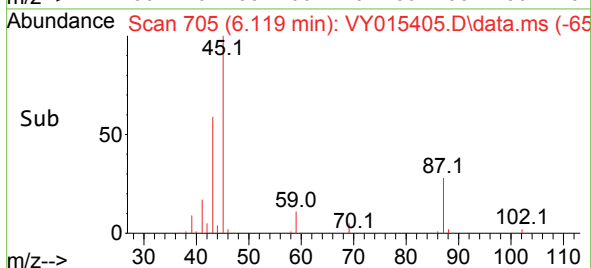
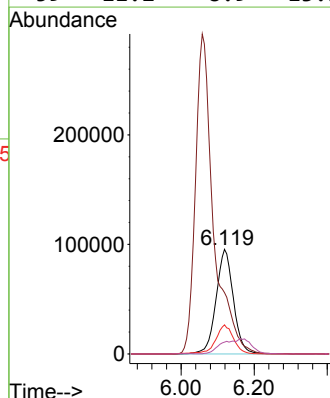
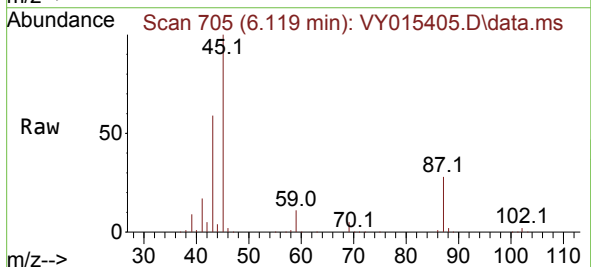
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

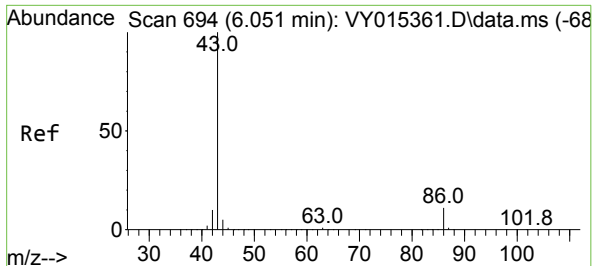
Tgt Ion: 96 Resp: 98255
Ion Ratio Lower Upper
96 100
61 131.1 110.2 165.4
98 63.5 51.8 77.6



#22
Diisopropyl ether
Concen: 50.424 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

Tgt Ion: 45 Resp: 313981
Ion Ratio Lower Upper
45 100
43 58.4 52.2 78.4
87 27.9 21.0 31.6
59 11.2 8.9 13.3

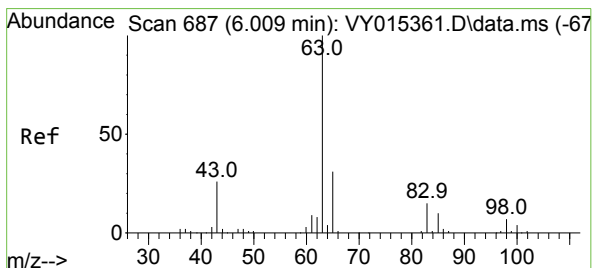
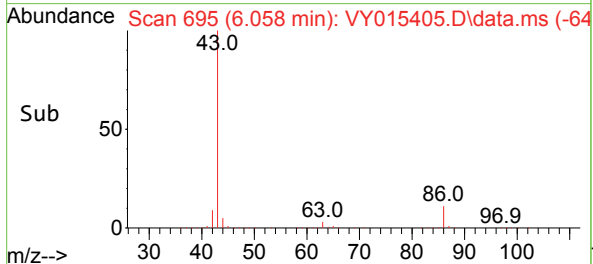
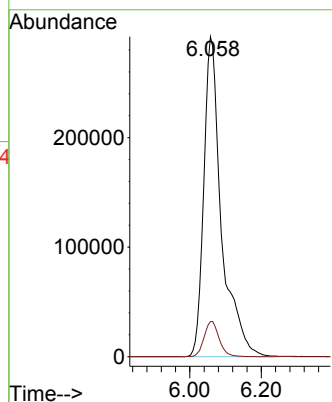
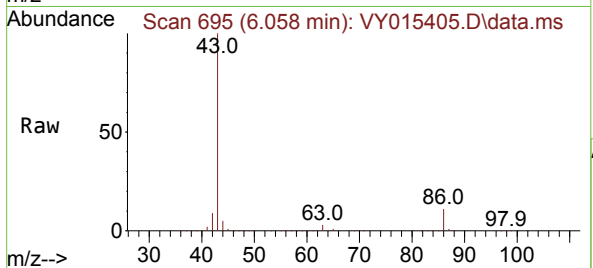




#23
 Vinyl Acetate
 Concen: 254.699 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY015405.D
 Acq: 01 Sep 2023 10:22

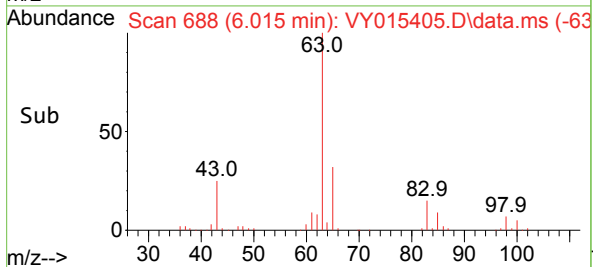
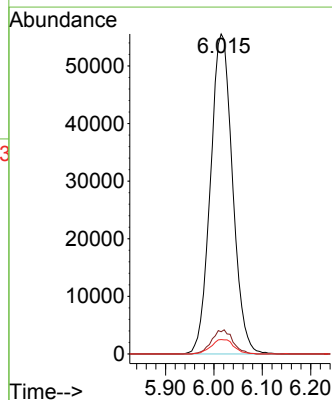
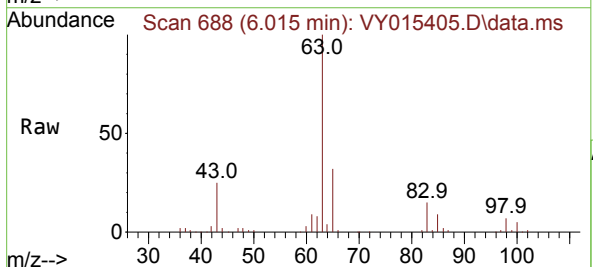
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

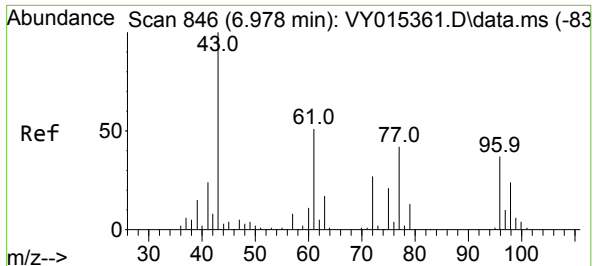
Tgt Ion: 43 Resp: 1001347
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 48.911 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.012 min
 Lab File: VY015405.D
 Acq: 01 Sep 2023 10:22

Tgt Ion: 63 Resp: 176060
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 4.5 1.8 5.5





#25

2-Butanone

Concen: 254.292 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY015405.D

Acq: 01 Sep 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

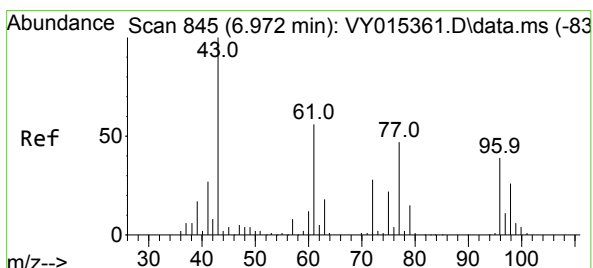
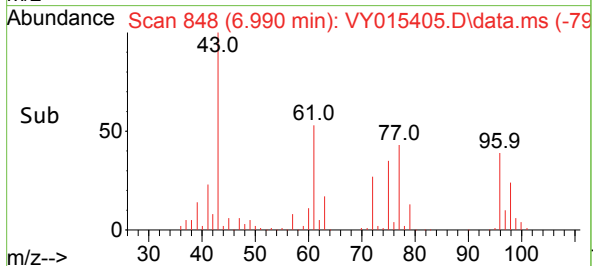
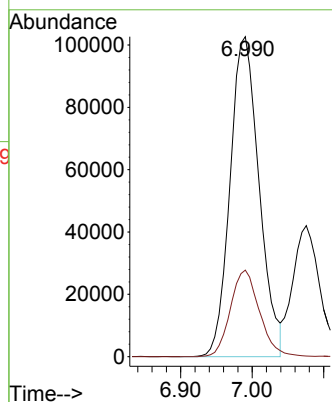
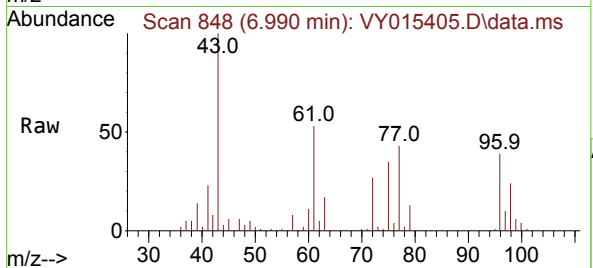
VSTDCCC050

Tgt Ion: 43 Resp: 290299

Ion Ratio Lower Upper

43 100

72 27.0 20.5 30.7



#26

2,2-Dichloropropane

Concen: 49.063 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY015405.D

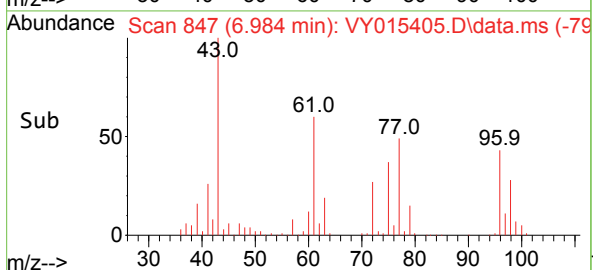
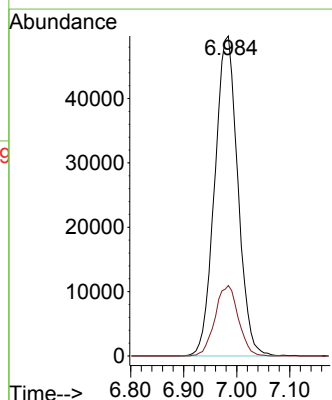
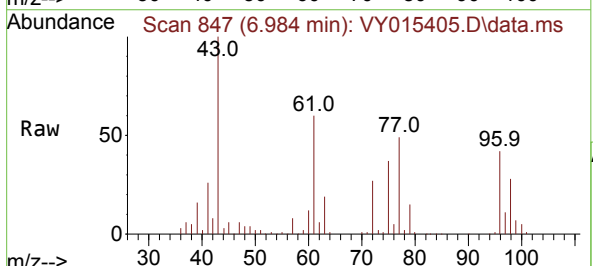
Acq: 01 Sep 2023 10:22

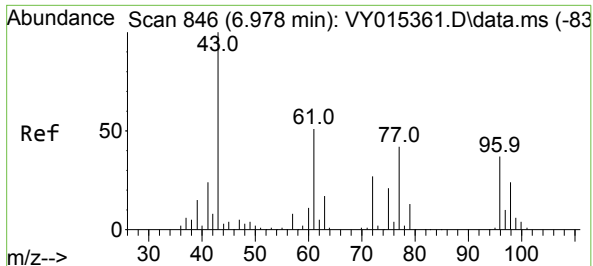
Tgt Ion: 77 Resp: 150000

Ion Ratio Lower Upper

77 100

97 22.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 49.090 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY015405.D

Acq: 01 Sep 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

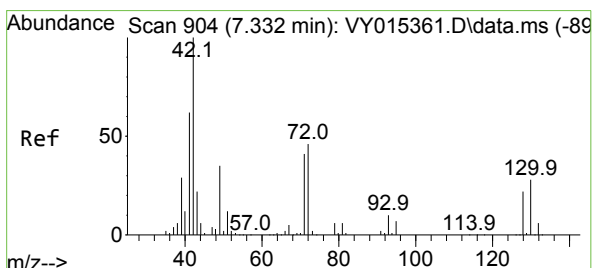
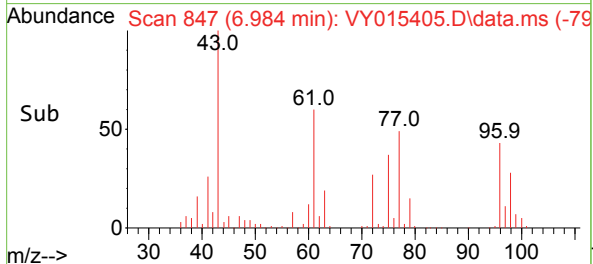
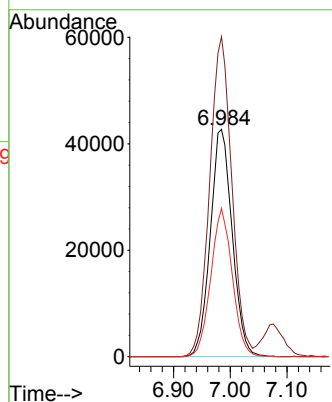
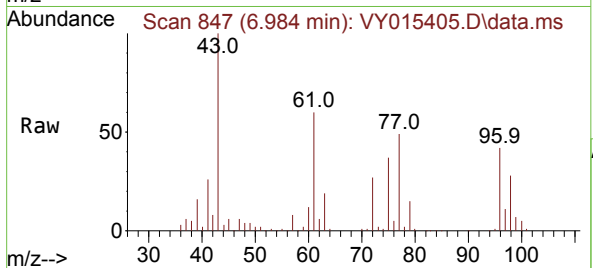
Tgt Ion: 96 Resp: 114674

Ion Ratio Lower Upper

96 100

61 141.9 0.0 301.4

98 63.8 0.0 130.4



#28

Bromochloromethane

Concen: 47.516 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY015405.D

Acq: 01 Sep 2023 10:22

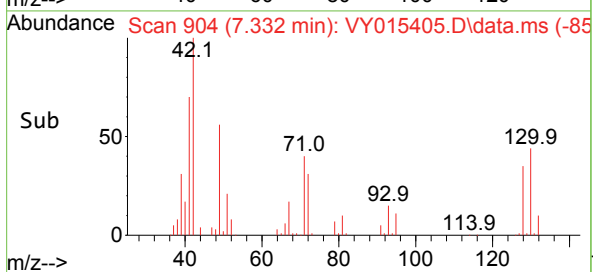
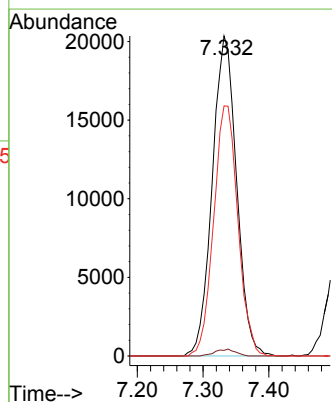
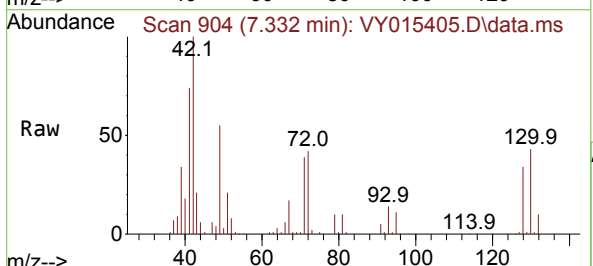
Tgt Ion: 49 Resp: 52450

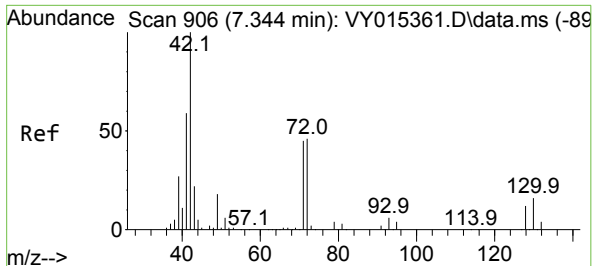
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.6

130 77.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 240.885 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015405.D

Acq: 01 Sep 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

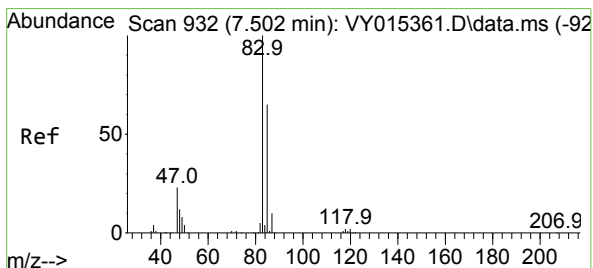
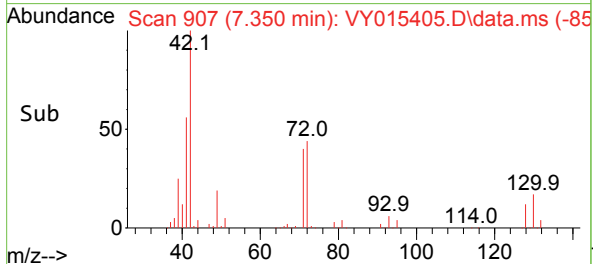
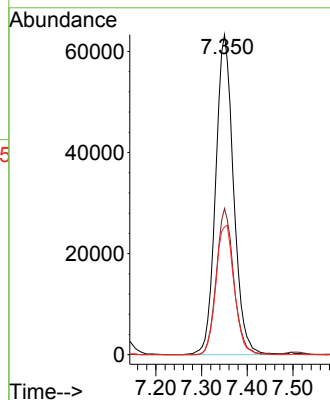
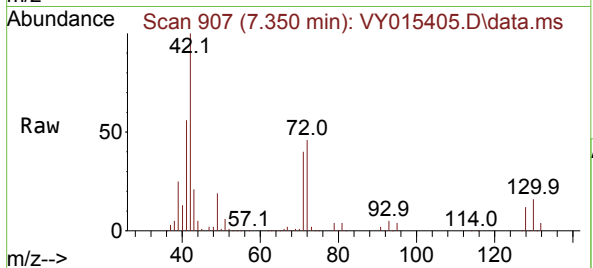
Tgt Ion: 42 Resp: 172689

Ion Ratio Lower Upper

42 100

72 44.4 32.8 49.2

71 41.4 31.0 46.4



#30

Chloroform

Concen: 48.747 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.006 min

Lab File: VY015405.D

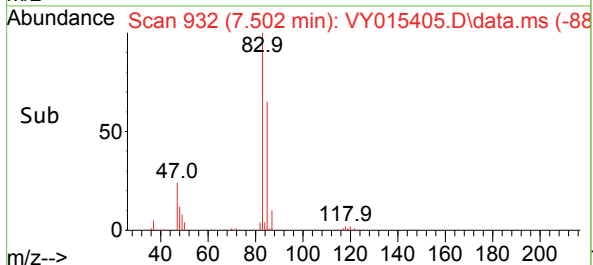
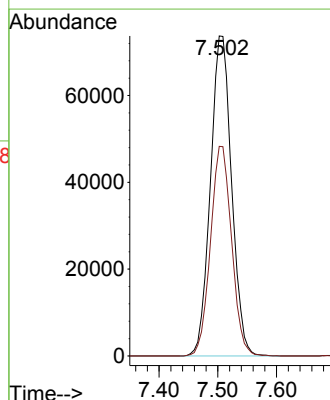
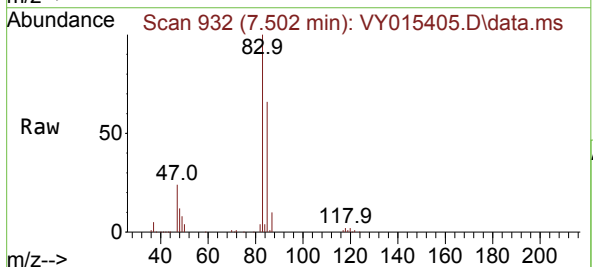
Acq: 01 Sep 2023 10:22

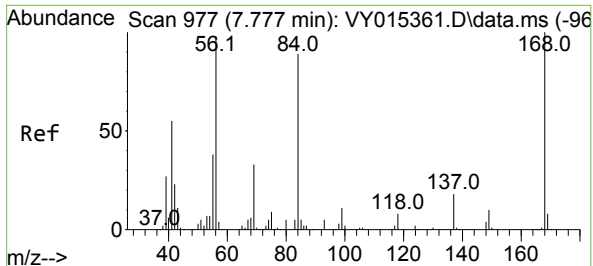
Tgt Ion: 83 Resp: 184458

Ion Ratio Lower Upper

83 100

85 65.5 49.7 74.5

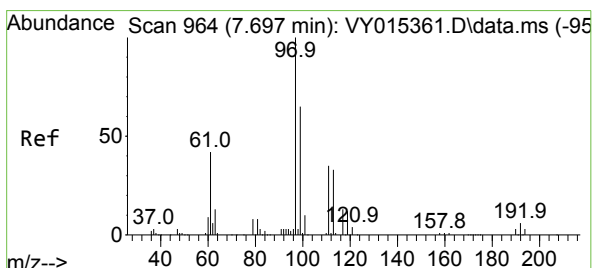
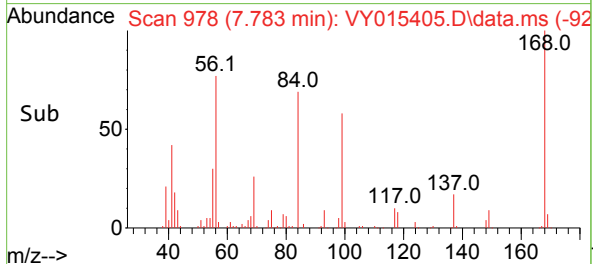
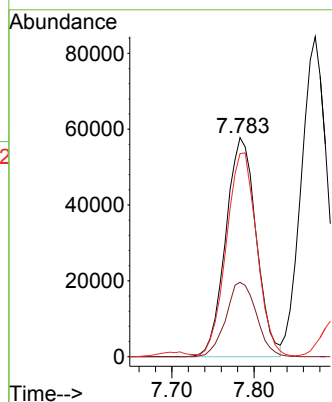
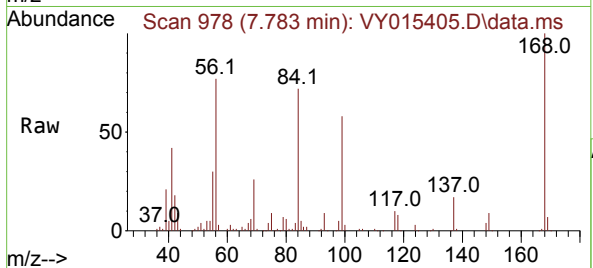




#31
Cyclohexane
Concen: 43.537 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

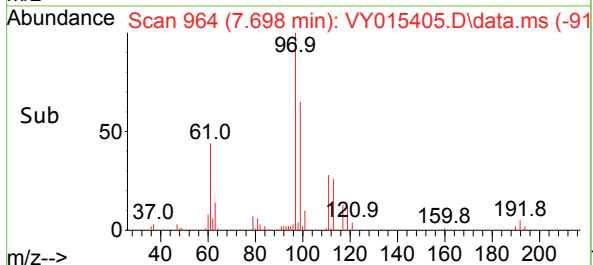
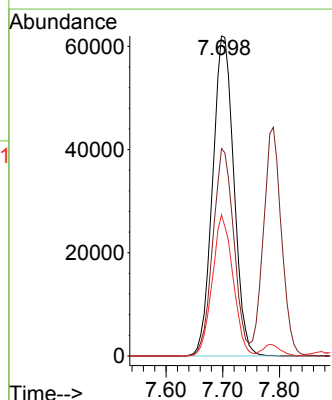
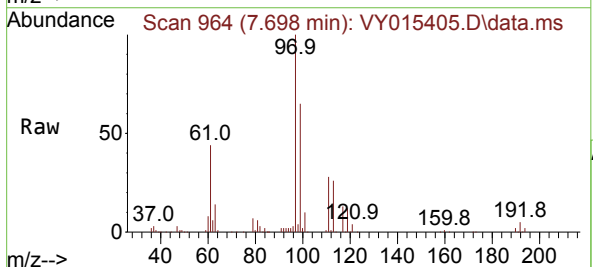
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

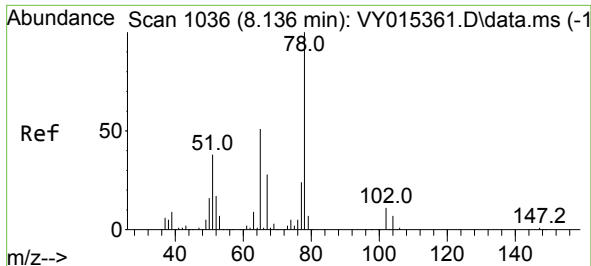
Tgt Ion: 56 Resp: 149134
Ion Ratio Lower Upper
56 100
69 34.0 27.8 41.6
84 90.5 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 47.735 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.006 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

Tgt Ion: 97 Resp: 161337
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 42.9 35.1 52.7

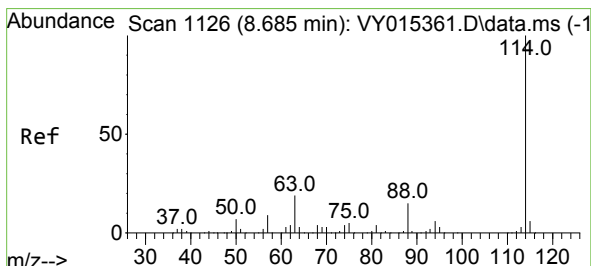
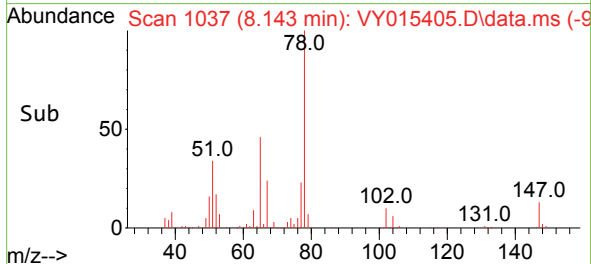
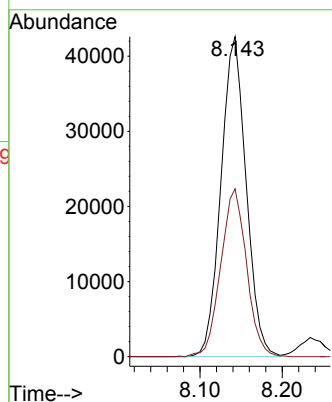
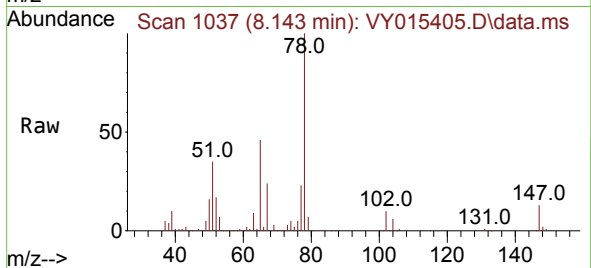




#33
 1,2-Dichloroethane-d4
 Concen: 46.981 ug/l
 RT: 8.143 min Scan# 1107
 Delta R.T. 0.006 min
 Lab File: VY015405.D
 Acq: 01 Sep 2023 10:22

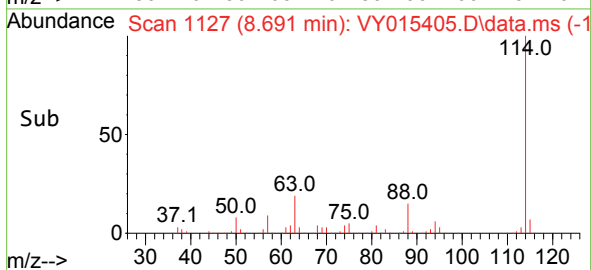
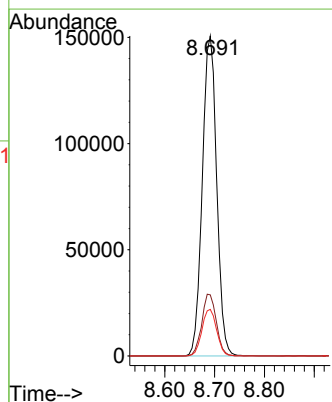
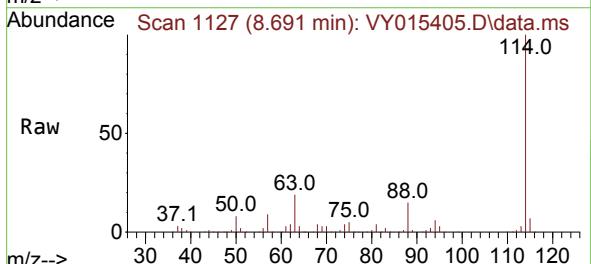
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 90597
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY015405.D
 Acq: 01 Sep 2023 10:22

Tgt Ion: 114 Resp: 301074
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 42.4
 88 14.6 0.0 30.6

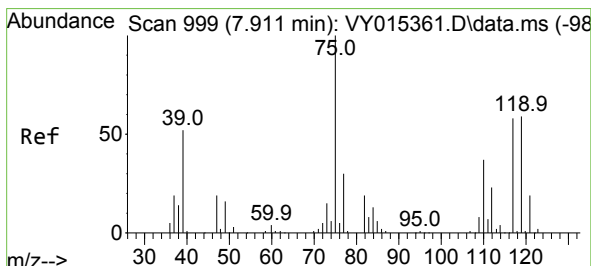
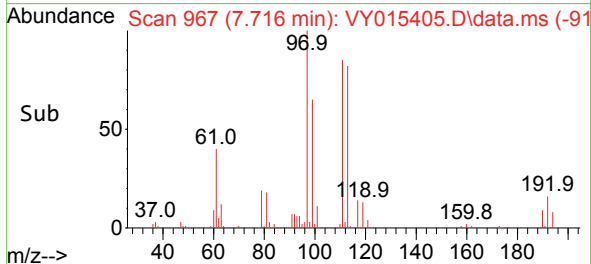
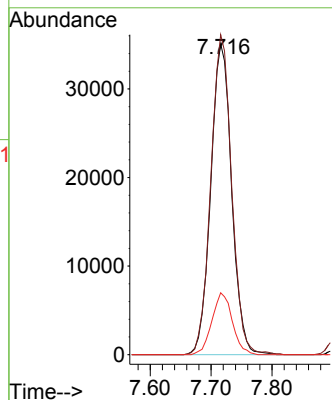
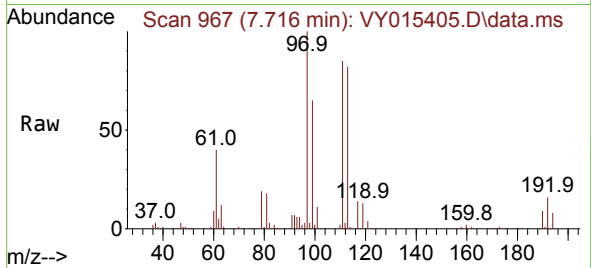




#35
Dibromofluoromethane
Concen: 48.121 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

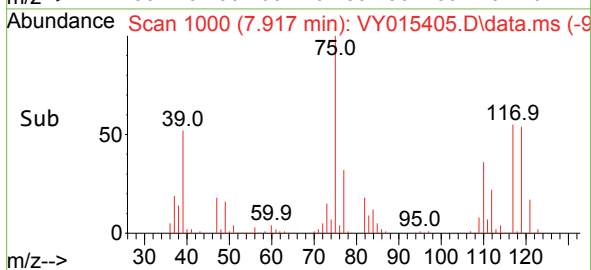
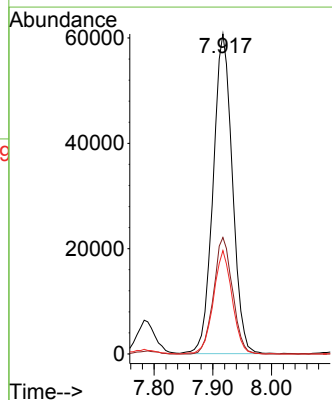
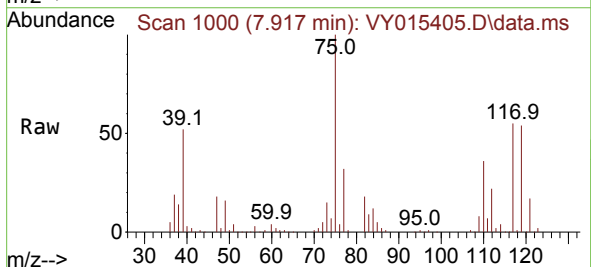
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

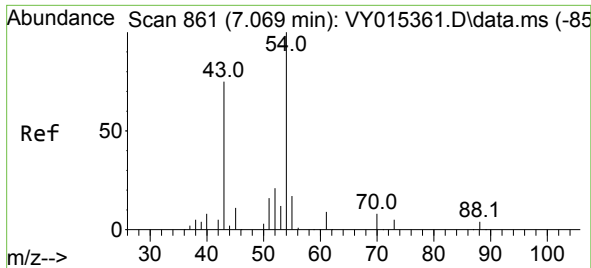
Tgt Ion:113 Resp: 83448
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 45.357 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

Tgt Ion: 75 Resp: 138110
Ion Ratio Lower Upper
75 100
110 35.8 17.8 53.5
77 31.5 24.4 36.6

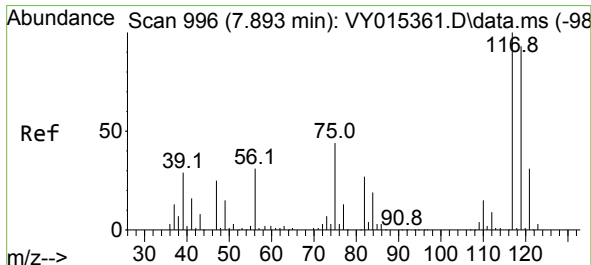
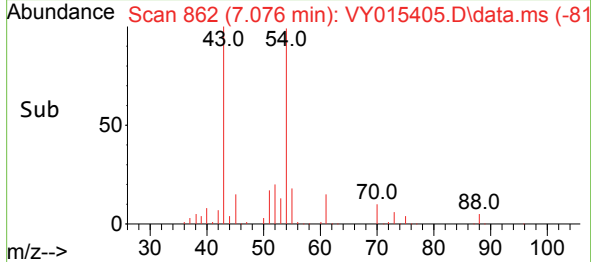
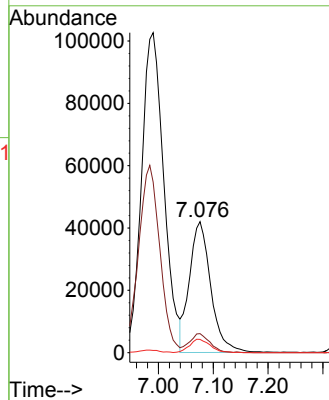
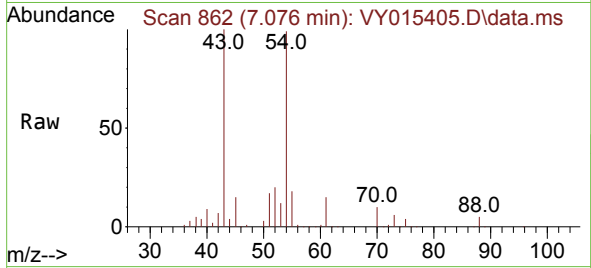




#37
Ethyl Acetate
Concen: 48.485 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.012 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

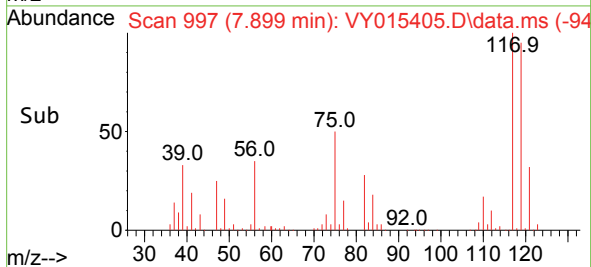
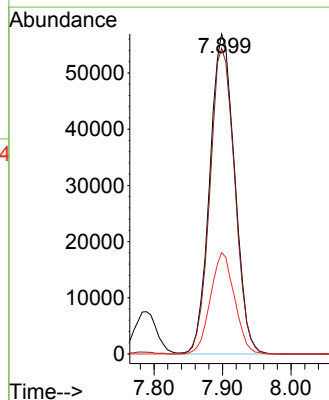
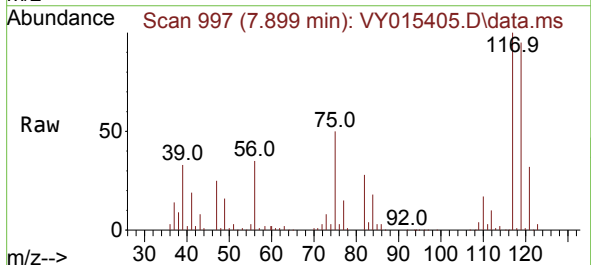
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

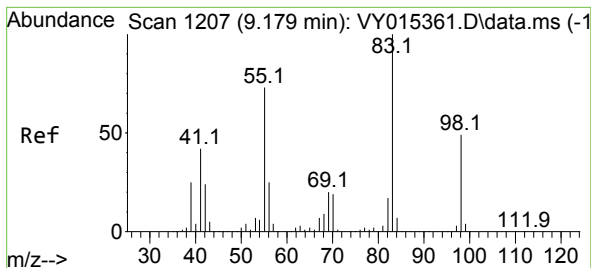
Tgt Ion: 43 Resp: 113862
Ion Ratio Lower Upper
43 100
61 14.1 10.1 15.1
70 10.0 7.1 10.7



#38
Carbon Tetrachloride
Concen: 45.631 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.006 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

Tgt Ion: 117 Resp: 143501
Ion Ratio Lower Upper
117 100
119 95.5 76.4 114.6
121 31.6 25.8 38.6





#39

Methylcyclohexane

Concen: 43.474 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015405.D

Acq: 01 Sep 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

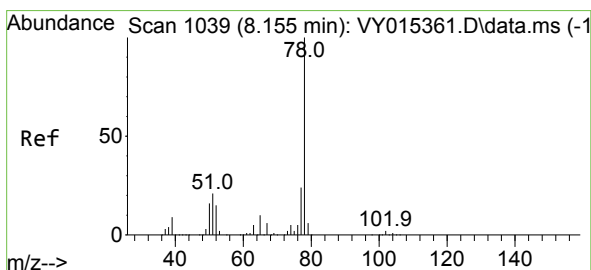
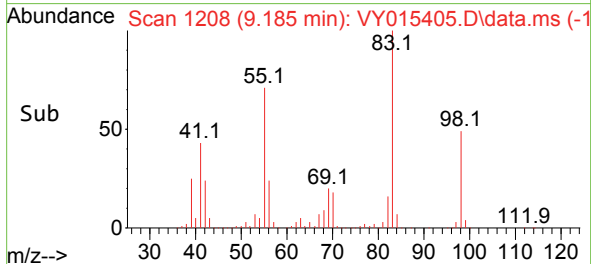
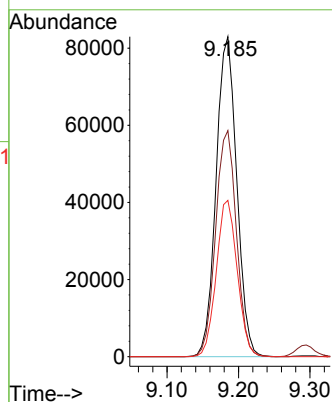
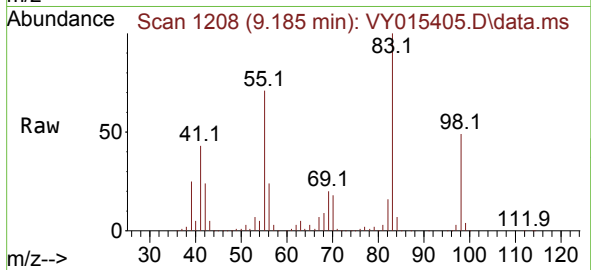
Tgt Ion: 83 Resp: 166652

Ion Ratio Lower Upper

83 100

55 70.6 63.0 94.4

98 48.9 37.4 56.2



#40

Benzene

Concen: 47.563 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.012 min

Lab File: VY015405.D

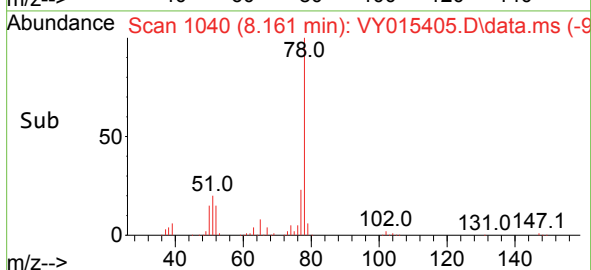
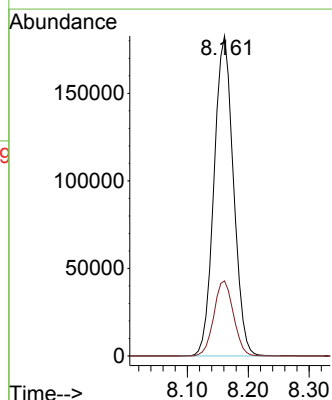
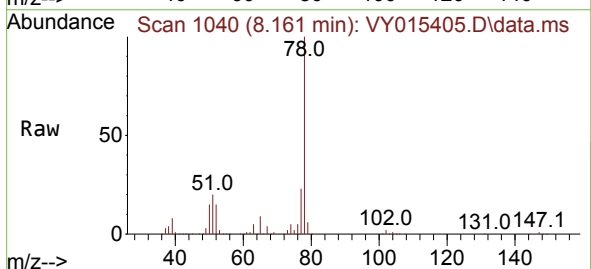
Acq: 01 Sep 2023 10:22

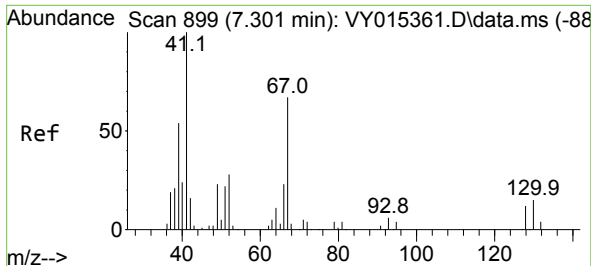
Tgt Ion: 78 Resp: 404063

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.6



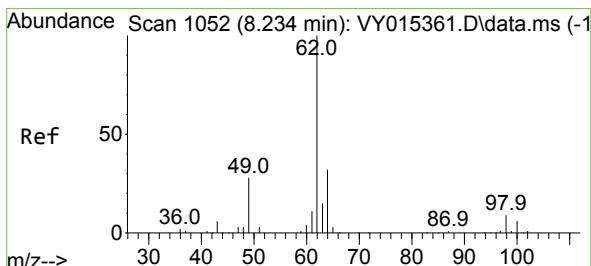
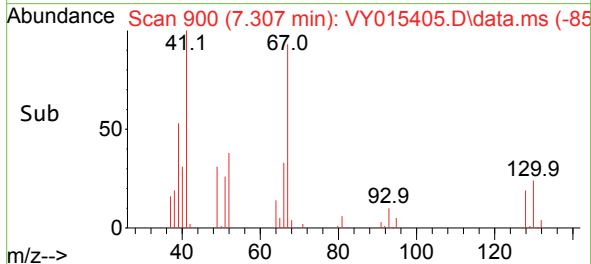
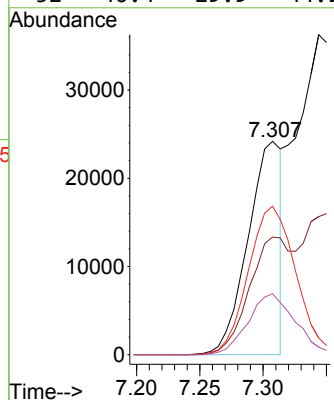
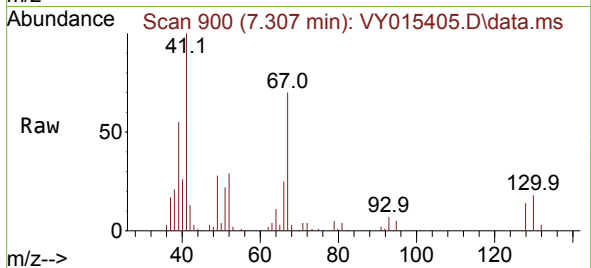


#41
Methacrylonitrile
Concen: 40.711 ug/l
RT: 7.307 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 44833

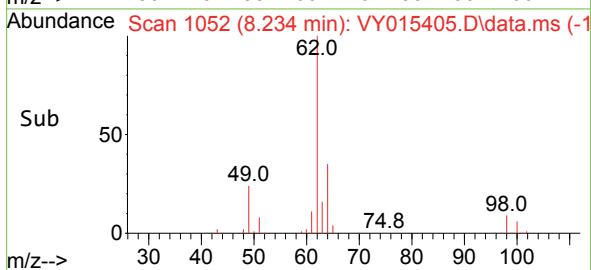
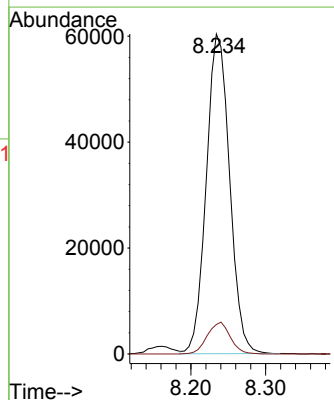
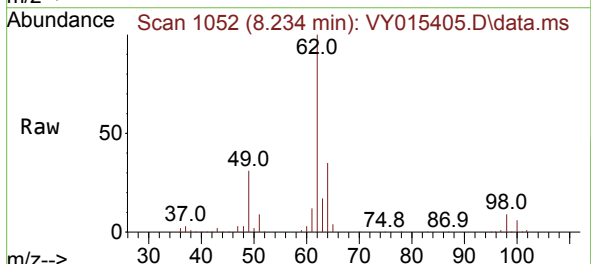
Ion	Ratio	Lower	Upper
41	100		
39	73.0	52.1	78.1
67	98.5	66.2	99.2
52	40.4	29.9	44.9

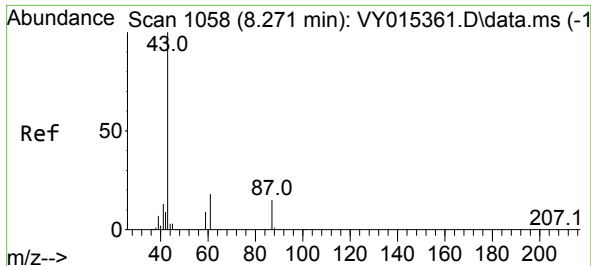


#42
1,2-Dichloroethane
Concen: 46.215 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

Tgt Ion: 62 Resp: 130919

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	15.8

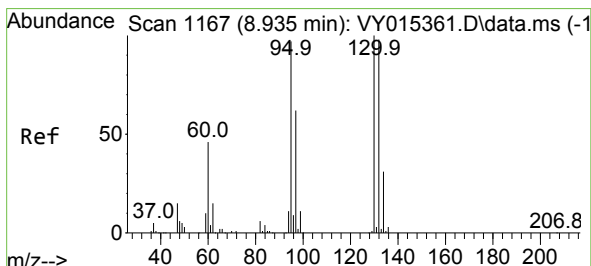
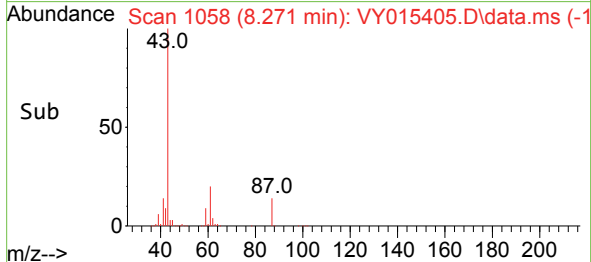
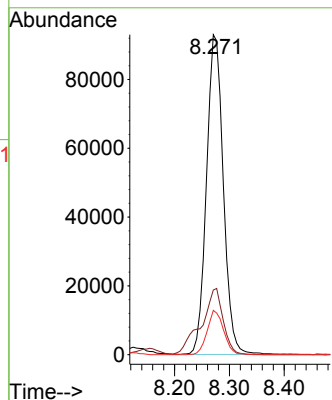
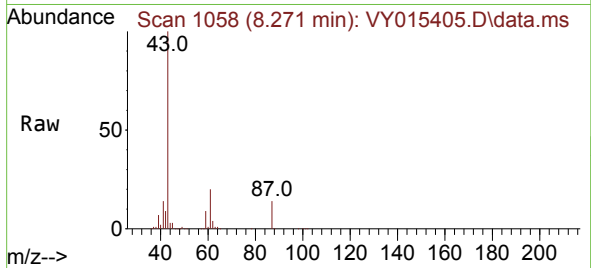




#43
Isopropyl Acetate
Concen: 48.698 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

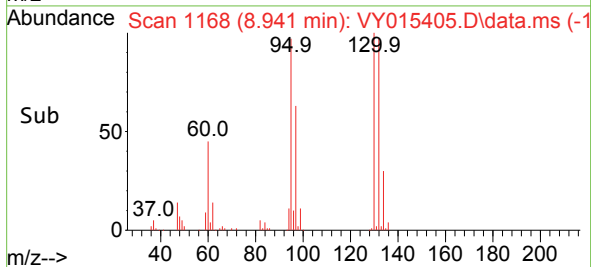
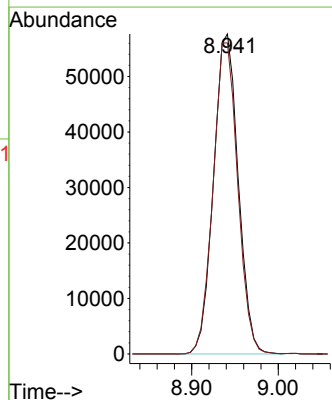
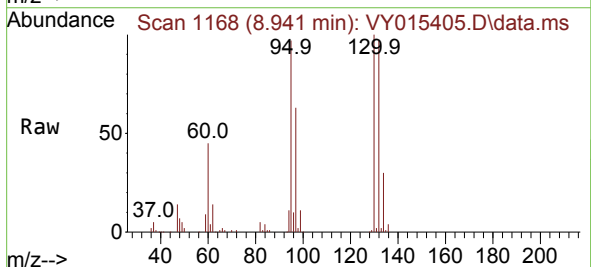
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

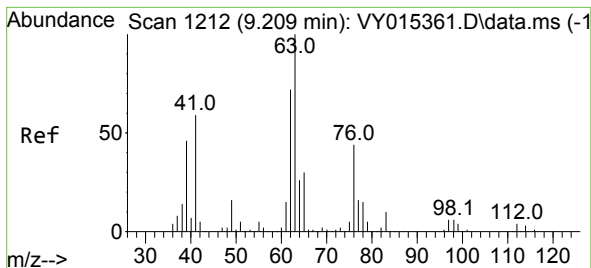
Tgt Ion: 43 Resp: 197759
Ion Ratio Lower Upper
43 100
61 27.2 21.1 31.7
87 13.5 9.8 14.8



#44
Trichloroethene
Concen: 47.397 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

Tgt Ion:130 Resp: 113923
Ion Ratio Lower Upper
130 100
95 97.2 0.0 196.0





#45

1,2-Dichloropropane

Concen: 48.382 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015405.D

Acq: 01 Sep 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

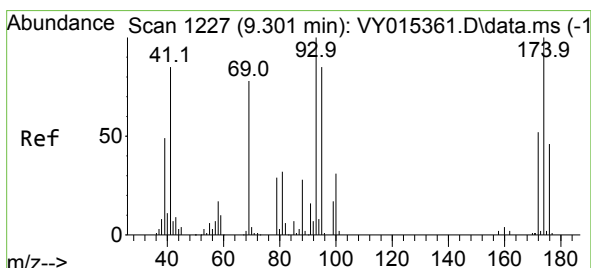
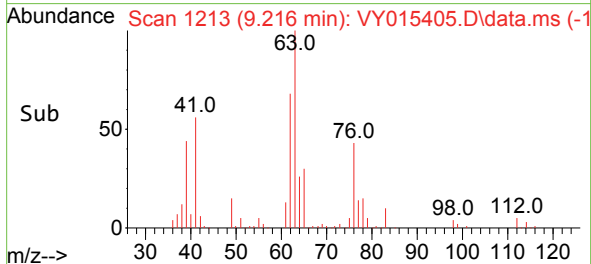
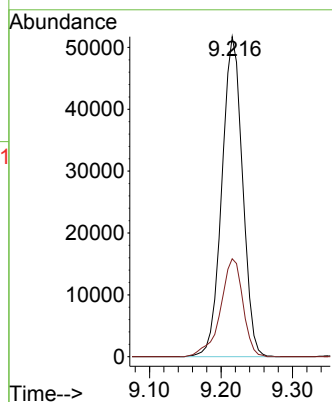
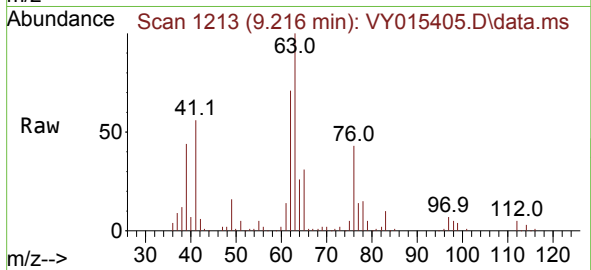
VSTDCCC050

Tgt Ion: 63 Resp: 103614

Ion Ratio Lower Upper

63 100

65 30.6 23.8 35.6



#46

Dibromomethane

Concen: 48.115 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY015405.D

Acq: 01 Sep 2023 10:22

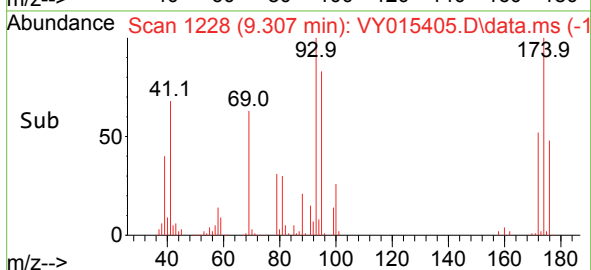
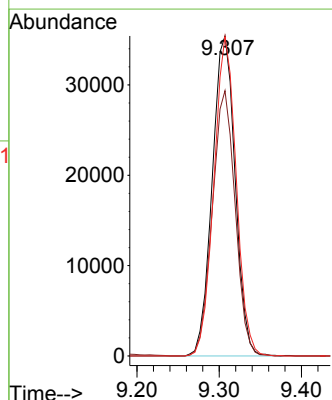
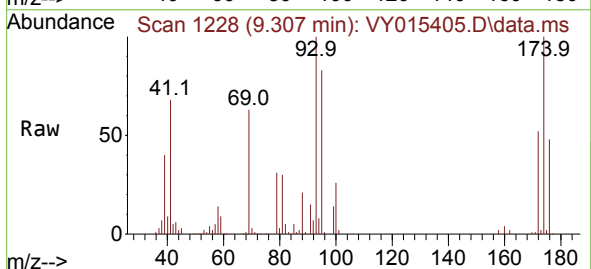
Tgt Ion: 93 Resp: 68447

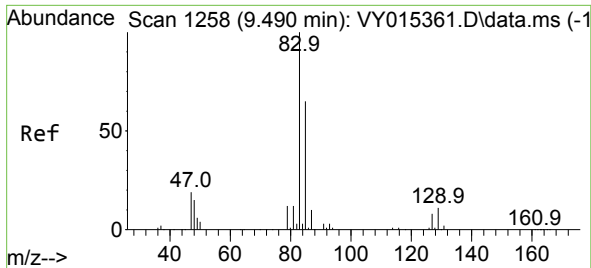
Ion Ratio Lower Upper

93 100

95 82.8 66.6 100.0

174 97.4 84.8 127.2

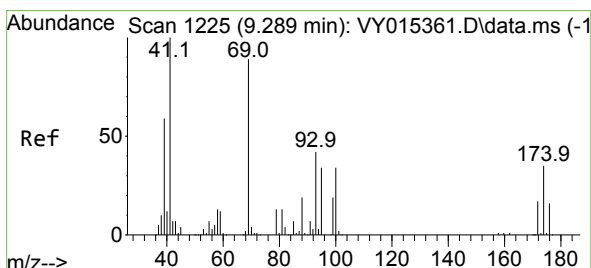
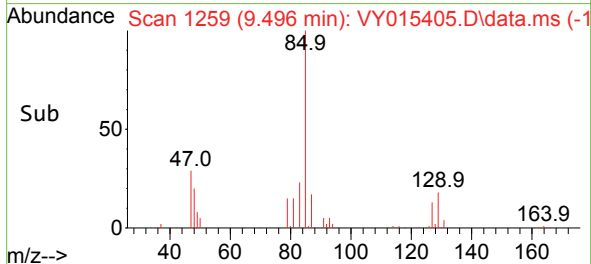
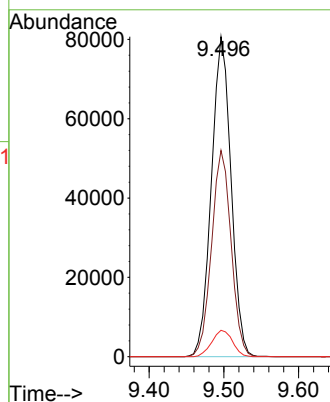
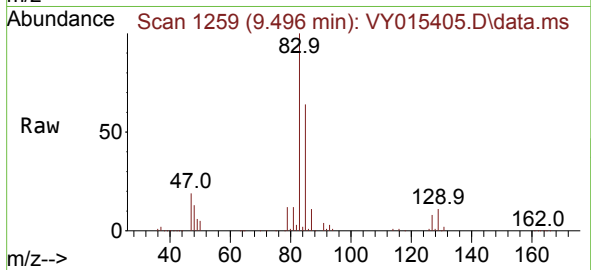




#47
Bromodichloromethane
Concen: 48.378 ug/l
RT: 9.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

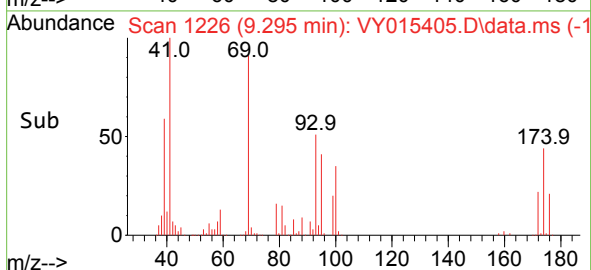
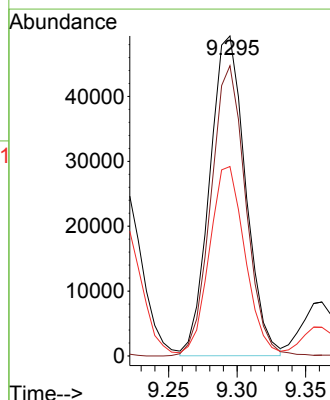
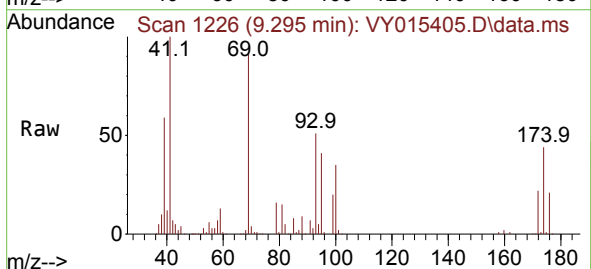
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

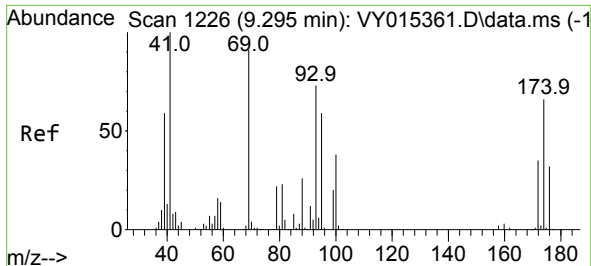
Tgt Ion: 83 Resp: 147175
Ion Ratio Lower Upper
83 100
85 64.4 50.1 75.1
127 8.3 7.1 10.7



#48
Methyl methacrylate
Concen: 48.159 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

Tgt Ion: 41 Resp: 89729
Ion Ratio Lower Upper
41 100
69 88.2 64.5 96.7
39 56.9 50.8 76.2

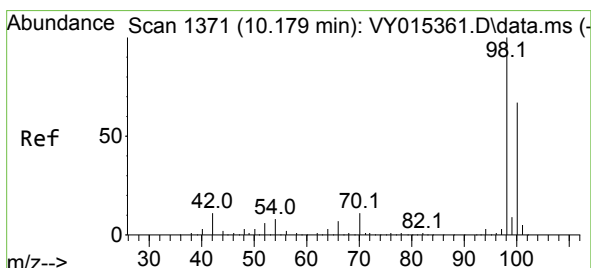
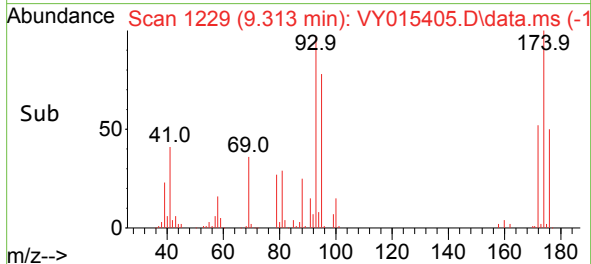
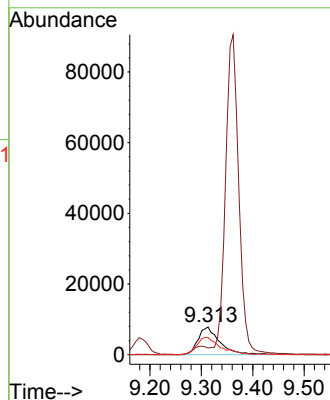
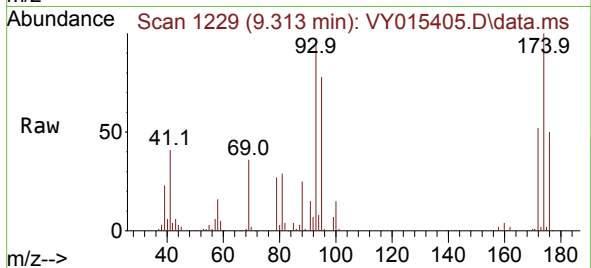




#49
1,4-Dioxane
Concen: 869.532 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.024 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

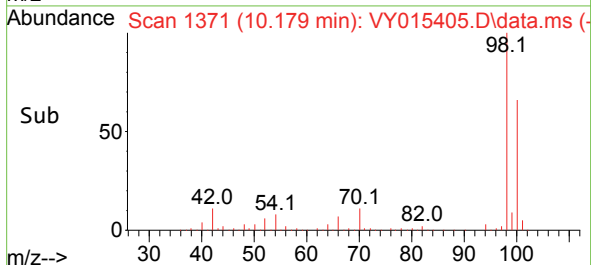
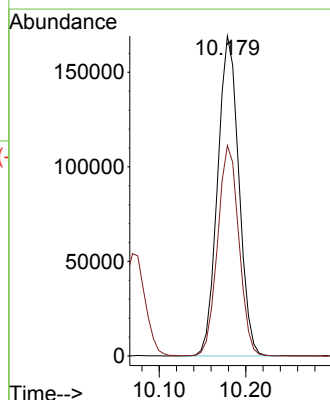
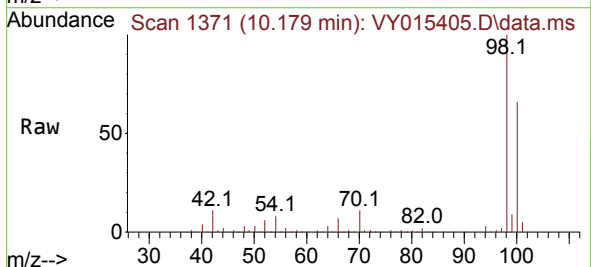
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

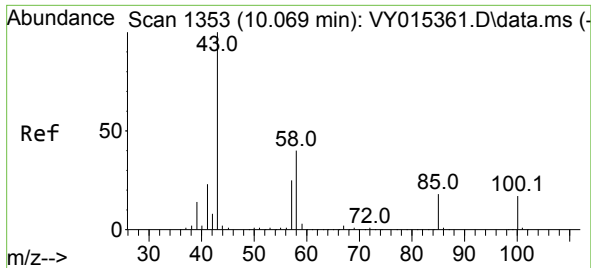
Tgt Ion: 88 Resp: 22976
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 68.1 30.9 46.3#



#50
Toluene-d8
Concen: 45.876 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

Tgt Ion: 98 Resp: 288094
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1

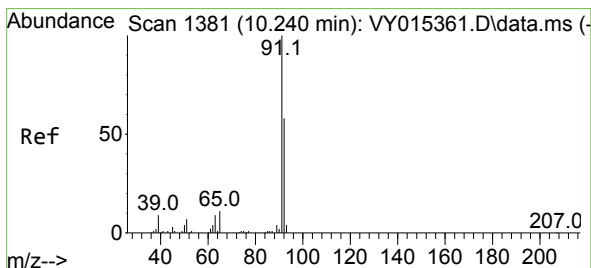
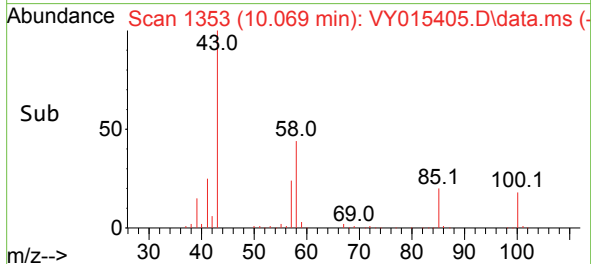
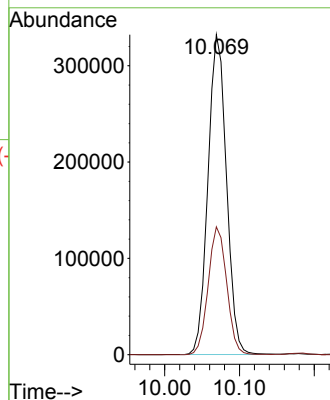
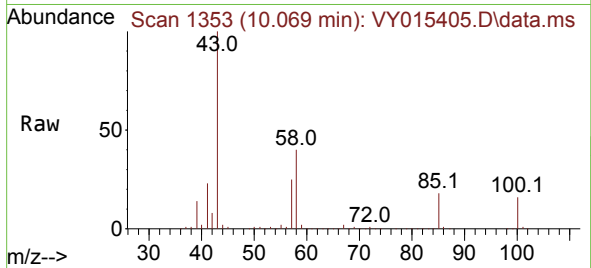




#51
4-Methyl-2-Pentanone
Concen: 241.864 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

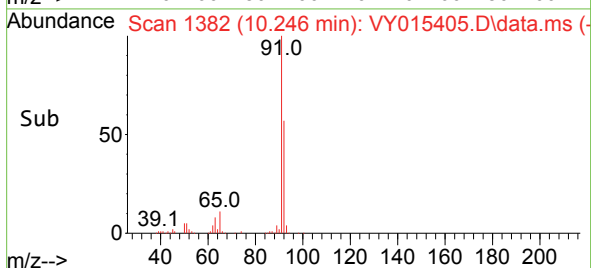
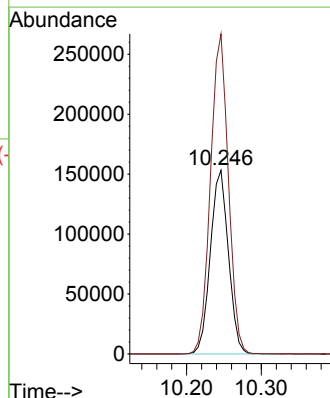
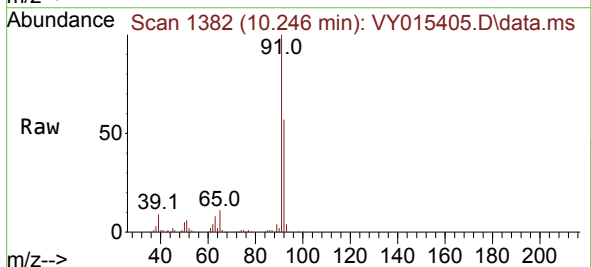
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

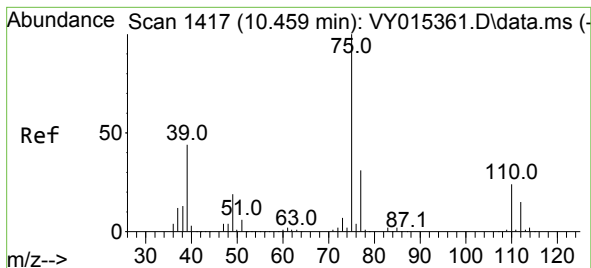
Tgt Ion: 43 Resp: 570868
Ion Ratio Lower Upper
43 100
58 40.0 29.0 43.6



#52
Toluene
Concen: 47.161 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

Tgt Ion: 92 Resp: 256790
Ion Ratio Lower Upper
92 100
91 172.9 143.8 215.6

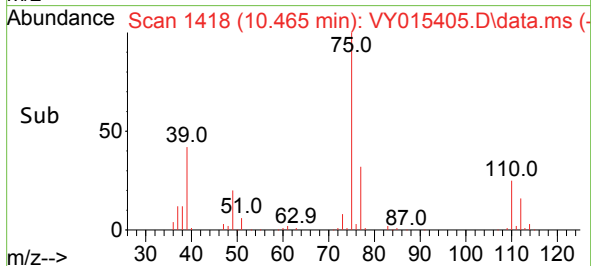
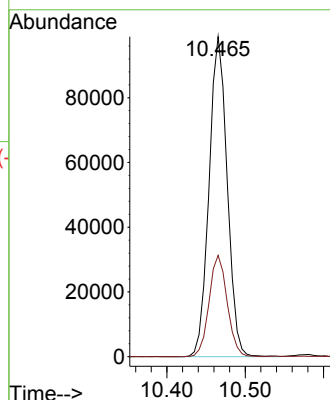
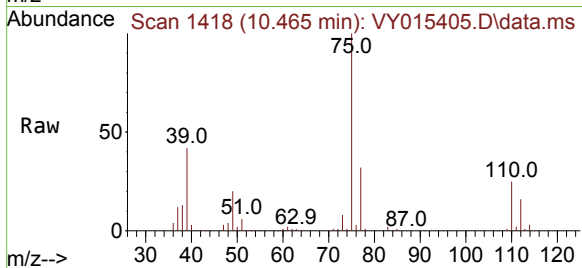




#53
 t-1,3-Dichloropropene
 Concen: 49.111 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015405.D
 Acq: 01 Sep 2023 10:22

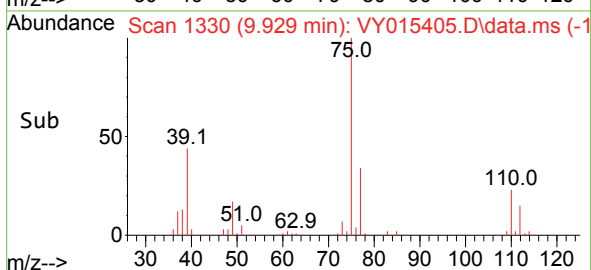
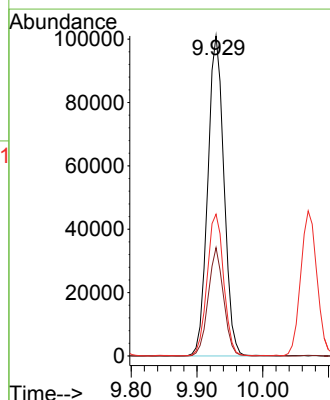
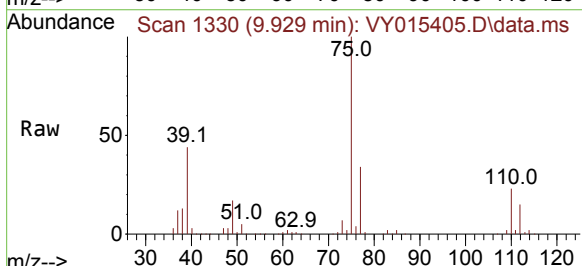
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

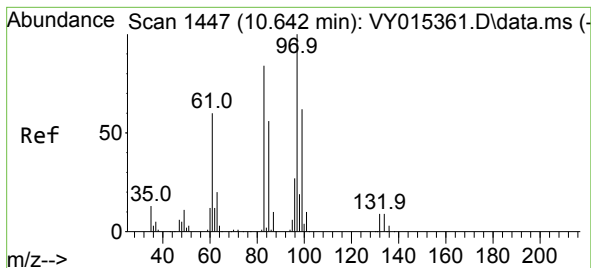
Tgt Ion: 75 Resp: 158779
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 49.223 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015405.D
 Acq: 01 Sep 2023 10:22

Tgt Ion: 75 Resp: 173116
 Ion Ratio Lower Upper
 75 100
 77 33.9 24.2 36.4
 39 44.2 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 47.712 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY015405.D

Acq: 01 Sep 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 91453

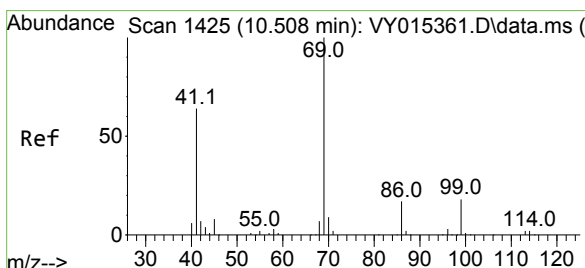
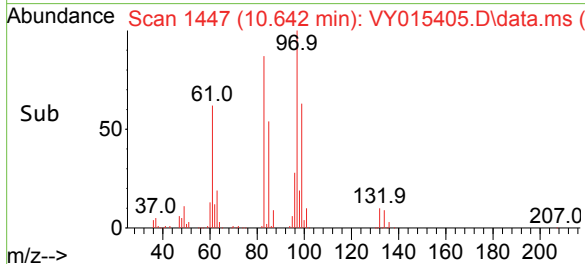
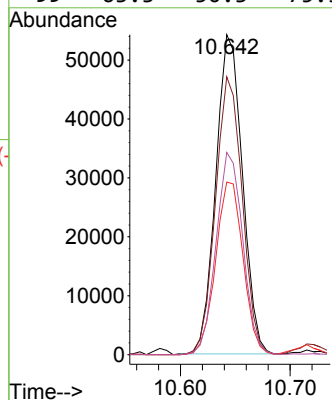
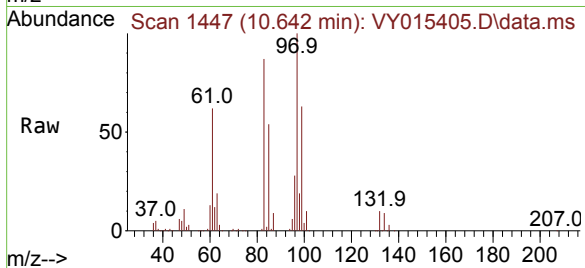
Ion Ratio Lower Upper

97 100

83 87.1 72.0 108.0

85 54.1 45.4 68.0

99 63.3 50.3 75.5



#56

Ethyl methacrylate

Concen: 49.474 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY015405.D

Acq: 01 Sep 2023 10:22

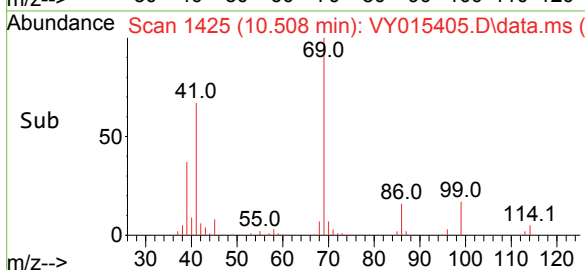
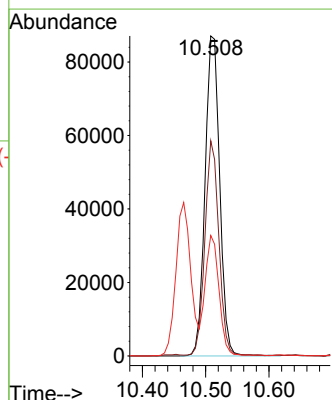
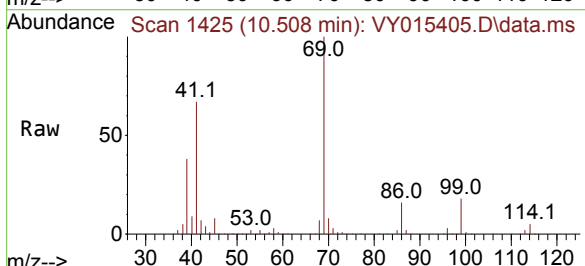
Tgt Ion: 69 Resp: 140527

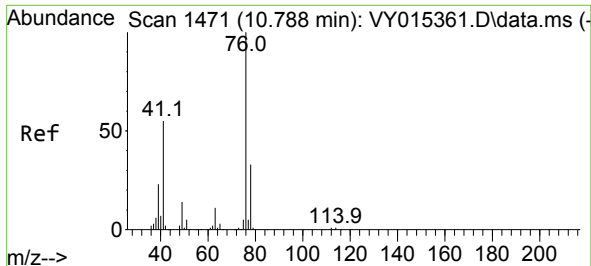
Ion Ratio Lower Upper

69 100

41 64.1 57.6 86.4

39 34.9 34.1 51.1





#57

1,3-Dichloropropane

Concen: 48.346 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015405.D

Acq: 01 Sep 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

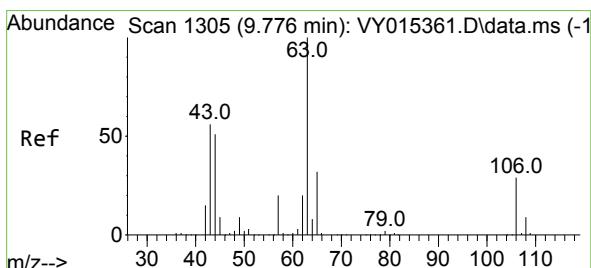
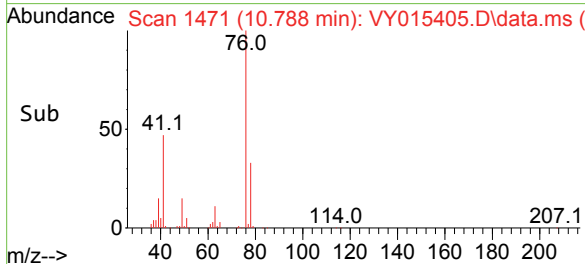
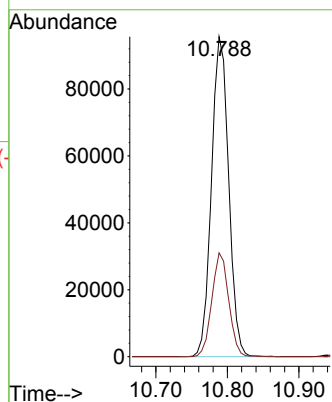
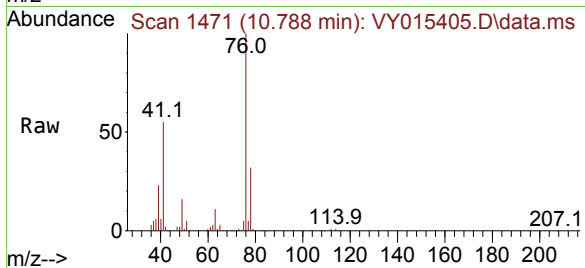
VSTDCCC050

Tgt Ion: 76 Resp: 159518

Ion Ratio Lower Upper

76 100

78 31.8 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 167.260 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015405.D

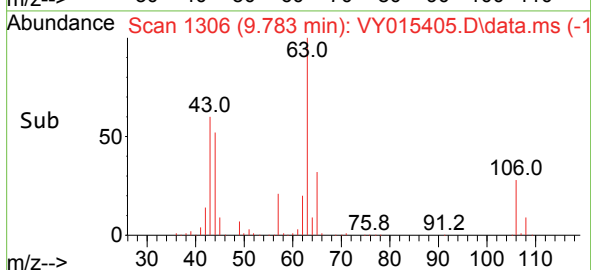
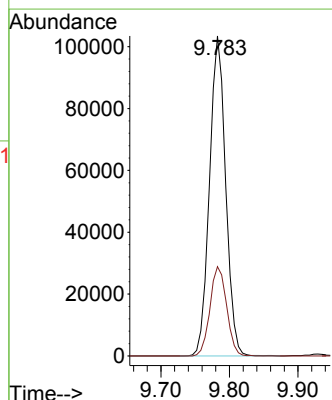
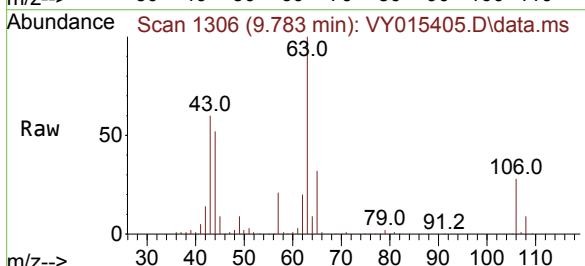
Acq: 01 Sep 2023 10:22

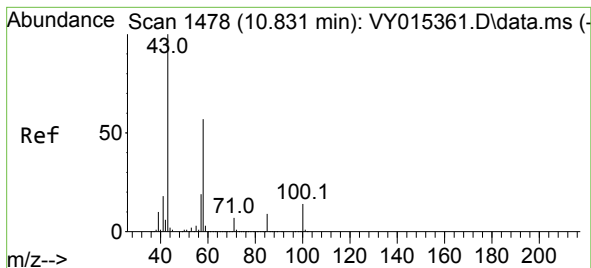
Tgt Ion: 63 Resp: 169578

Ion Ratio Lower Upper

63 100

106 28.7 21.2 31.8

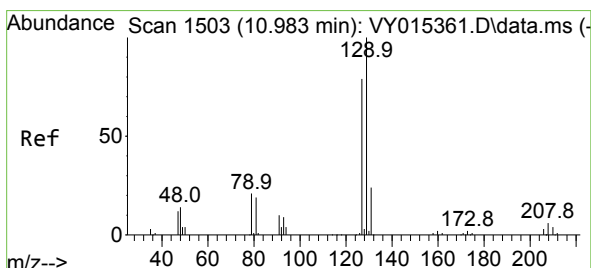
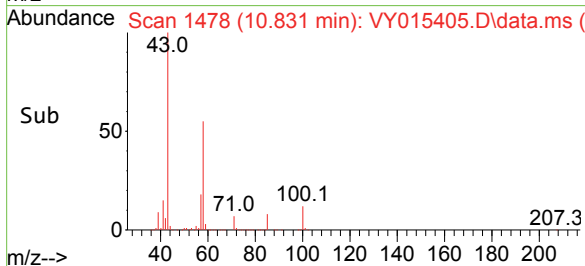
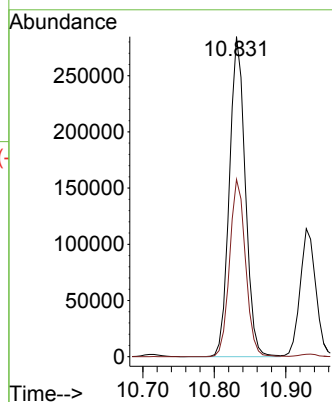
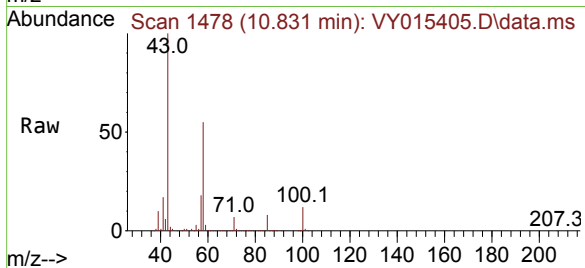




#59
2-Hexanone
Concen: 248.027 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

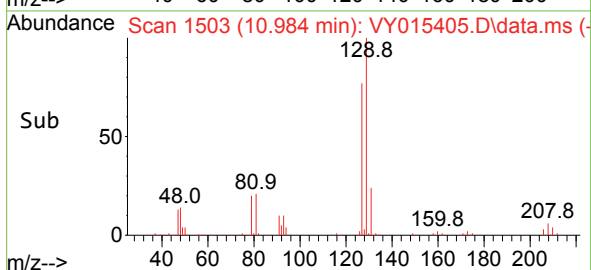
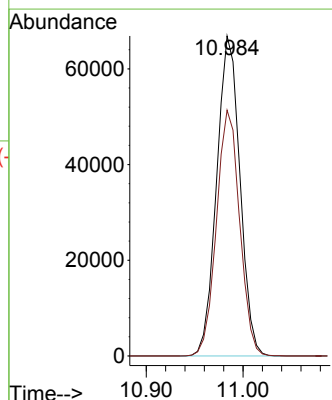
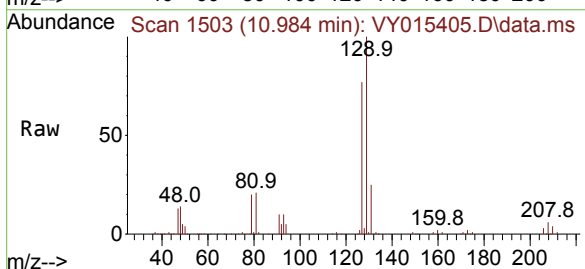
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

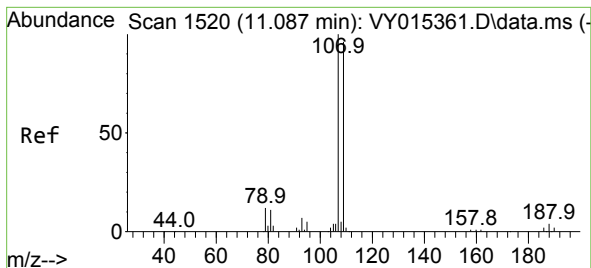
Tgt Ion: 43 Resp: 439266
Ion Ratio Lower Upper
43 100
58 55.4 25.1 75.3



#60
Dibromochloromethane
Concen: 49.734 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

Tgt Ion: 129 Resp: 111578
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5

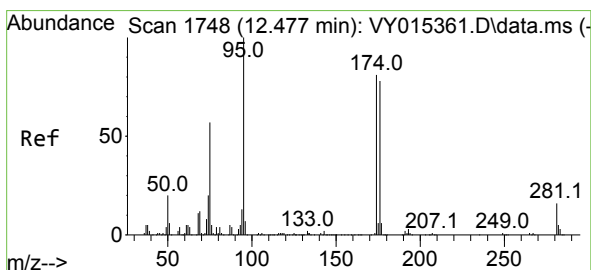
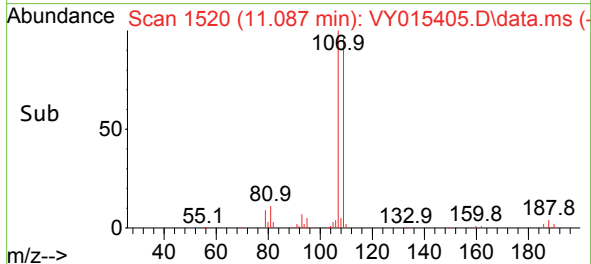
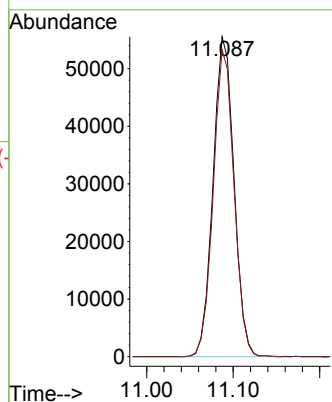
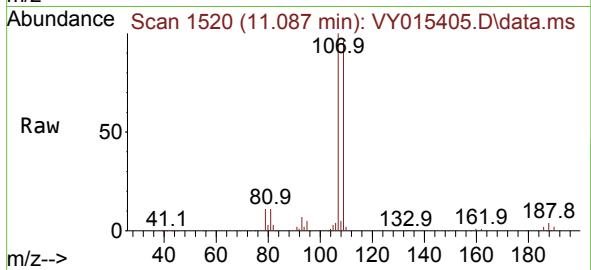




#61
1,2-Dibromoethane
Concen: 47.966 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

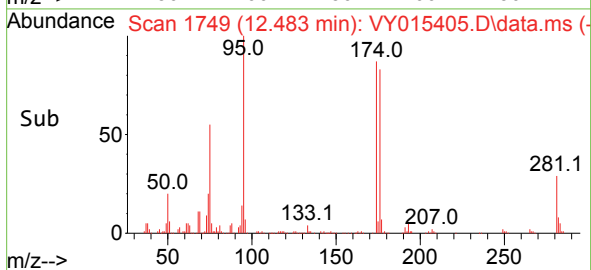
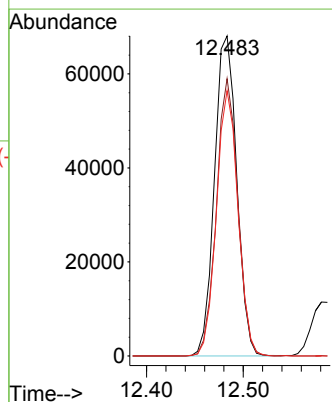
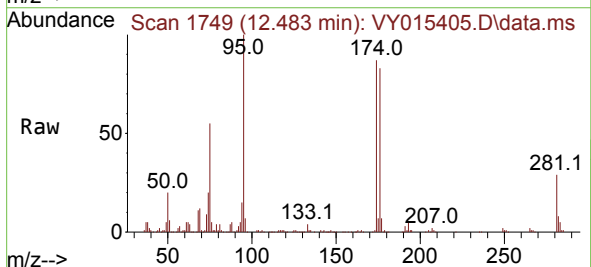
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 93161
Ion Ratio Lower Upper
107 100
109 95.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.684 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

Tgt Ion: 95 Resp: 108835
Ion Ratio Lower Upper
95 100
174 83.2 0.0 178.2
176 80.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015405.D

Acq: 01 Sep 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

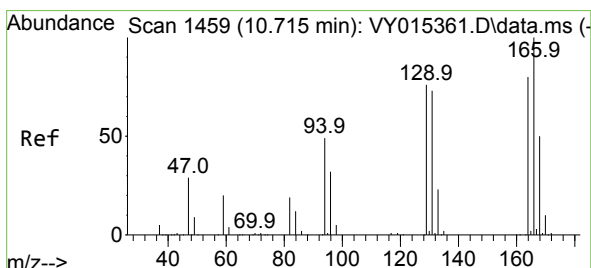
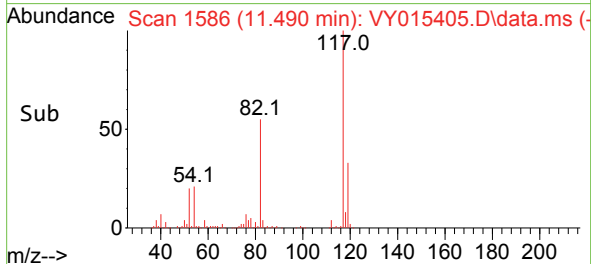
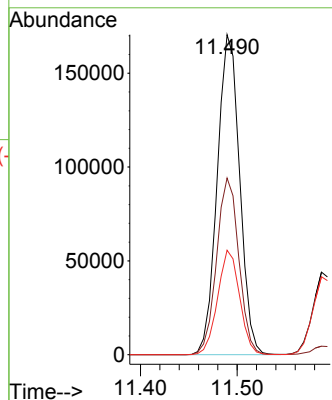
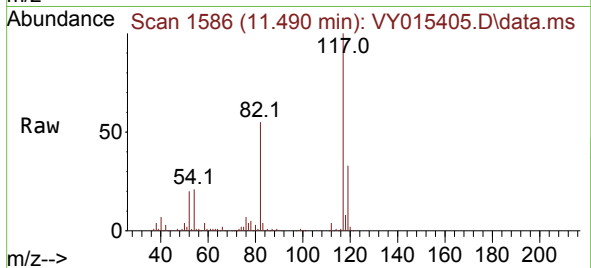
Tgt Ion:117 Resp: 274663

Ion Ratio Lower Upper

117 100

82 55.2 43.4 65.0

119 32.6 26.3 39.5



#64

Tetrachloroethene

Concen: 49.839 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015405.D

Acq: 01 Sep 2023 10:22

Tgt Ion:164 Resp: 124249

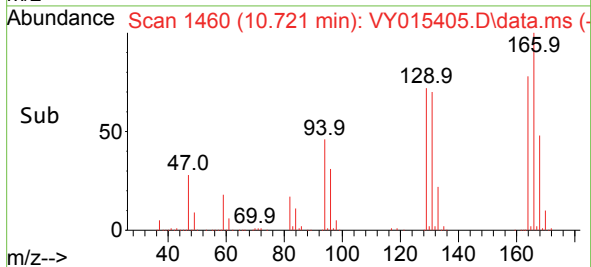
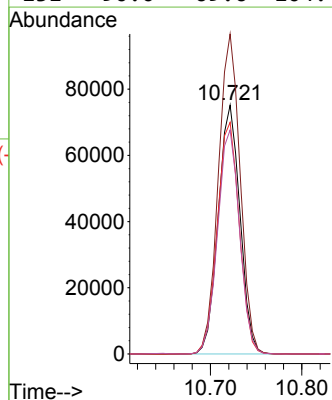
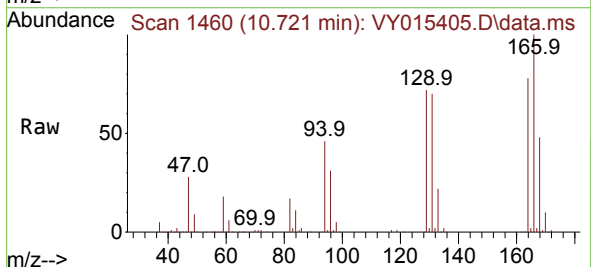
Ion Ratio Lower Upper

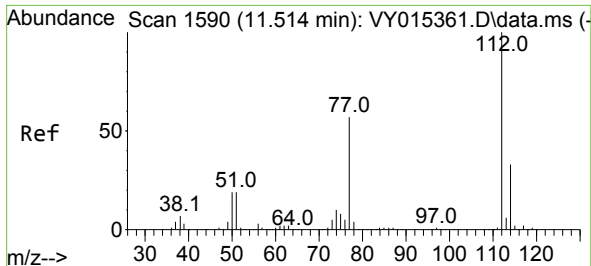
164 100

166 128.6 103.0 154.6

129 93.1 77.2 115.8

131 90.0 69.6 104.4

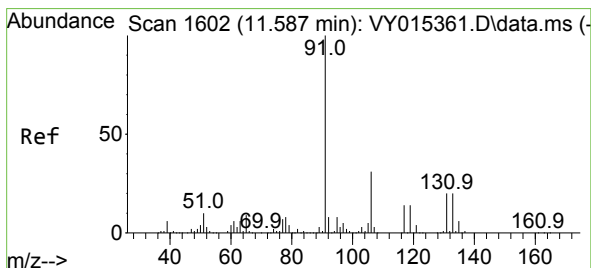
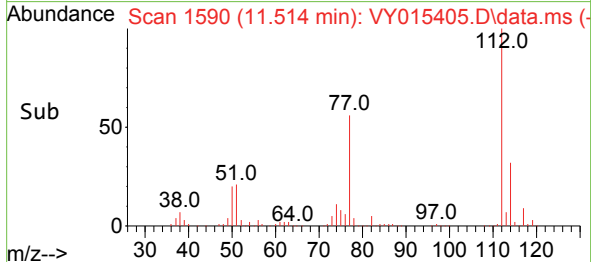
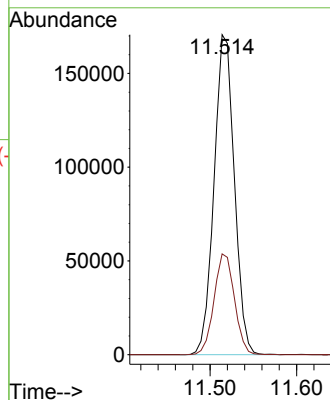
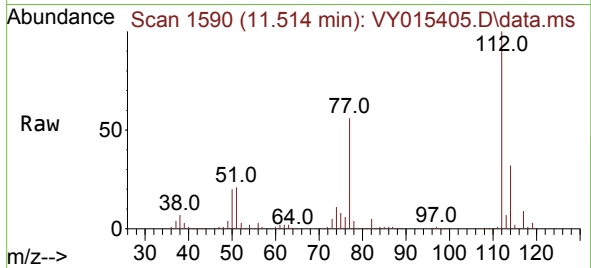




#65
Chlorobenzene
Concen: 46.905 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

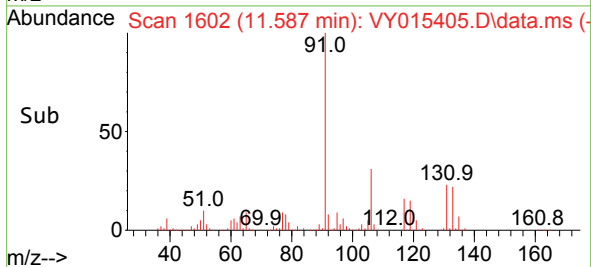
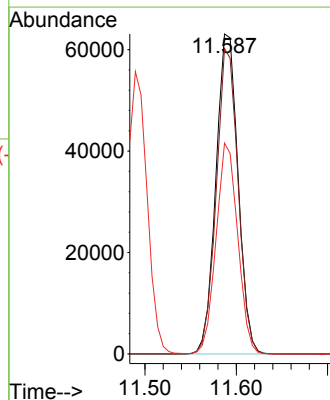
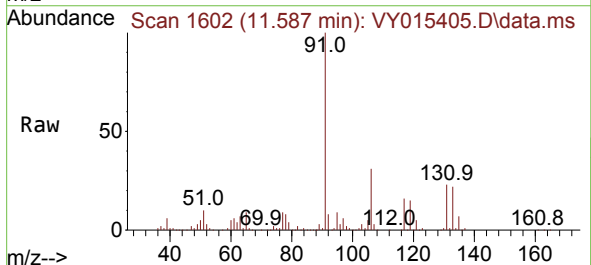
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

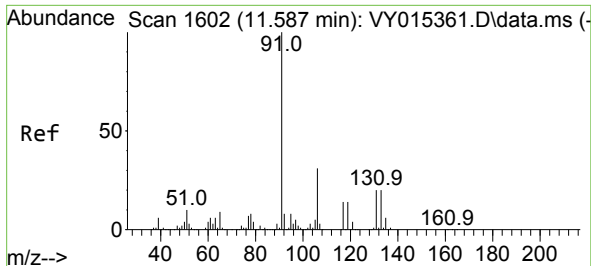
Tgt Ion:112 Resp: 277616
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.009 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

Tgt Ion:131 Resp: 106170
Ion Ratio Lower Upper
131 100
133 93.8 47.5 142.6
119 64.6 31.6 94.7





#67

Ethyl Benzene

Concen: 46.740 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015405.D

Acq: 01 Sep 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

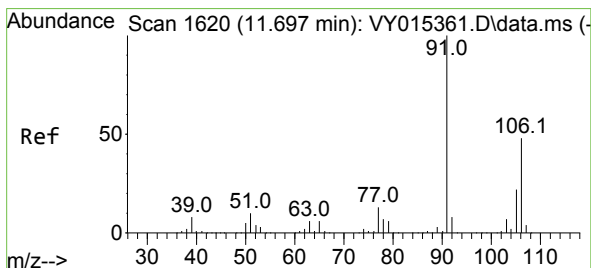
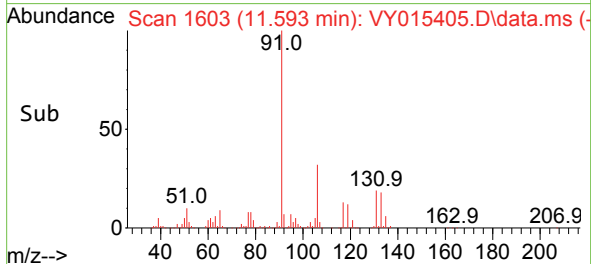
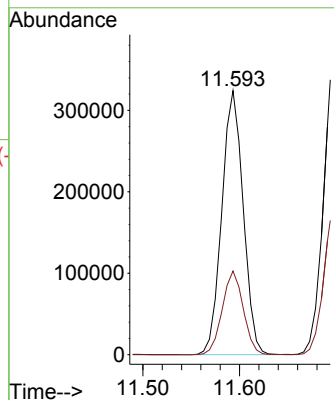
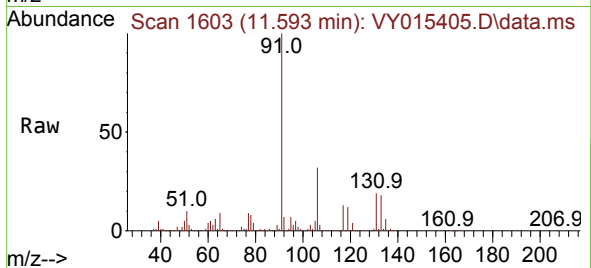
VSTDCCC050

Tgt Ion: 91 Resp: 496742

Ion Ratio Lower Upper

91 100

106 31.7 24.6 36.8



#68

m/p-Xylenes

Concen: 93.309 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY015405.D

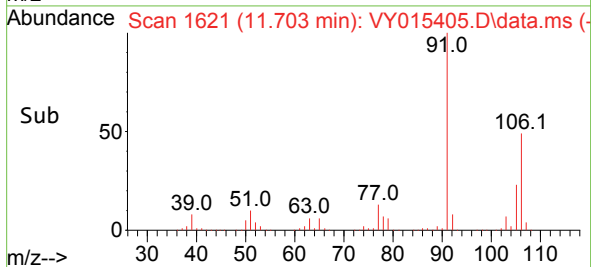
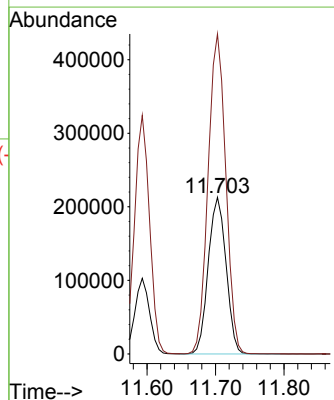
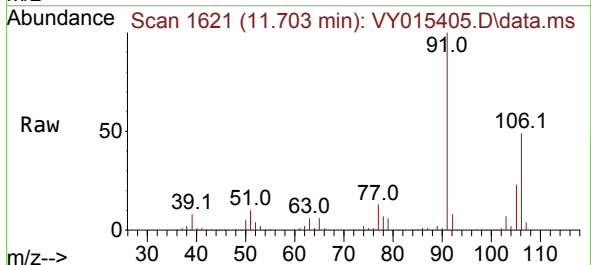
Acq: 01 Sep 2023 10:22

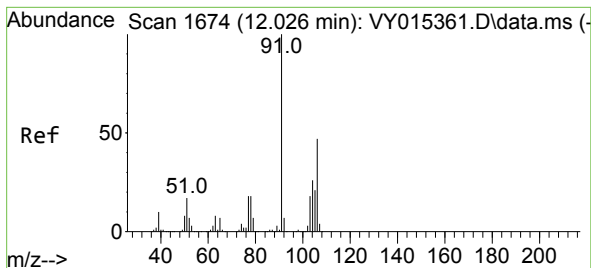
Tgt Ion:106 Resp: 384384

Ion Ratio Lower Upper

106 100

91 203.1 166.1 249.1





#69

o-Xylene

Concen: 47.248 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015405.D

Acq: 01 Sep 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

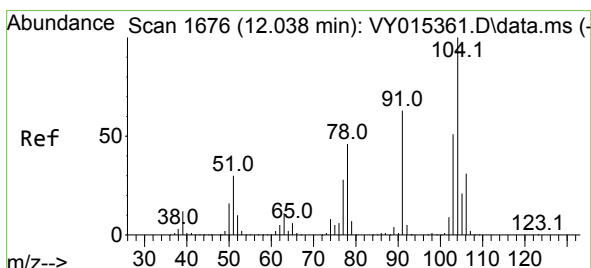
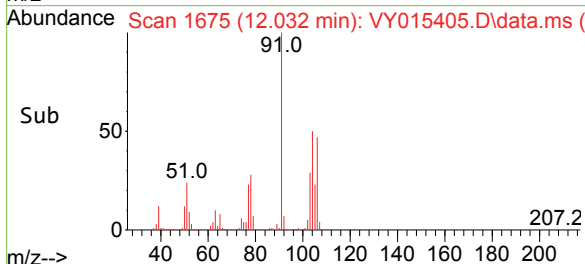
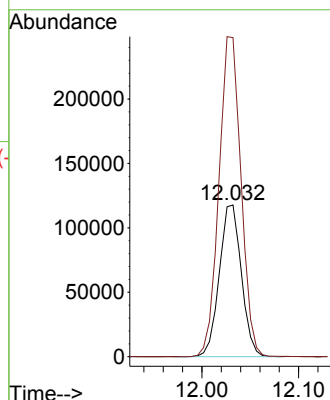
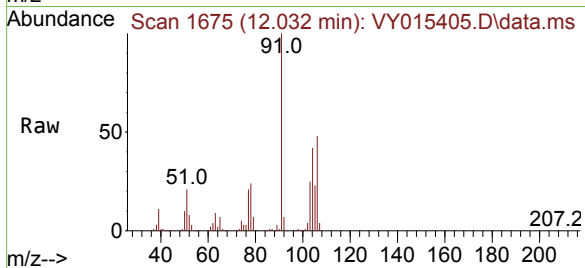
VSTDCCC050

Tgt Ion:106 Resp: 186012

Ion Ratio Lower Upper

106 100

91 211.6 108.1 324.3



#70

Styrene

Concen: 48.641 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015405.D

Acq: 01 Sep 2023 10:22

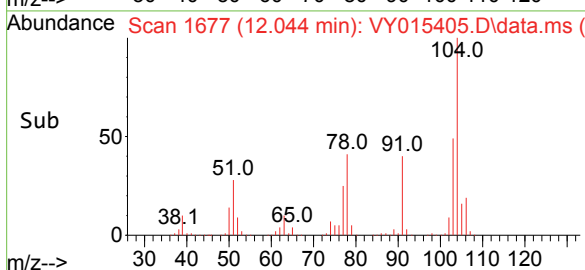
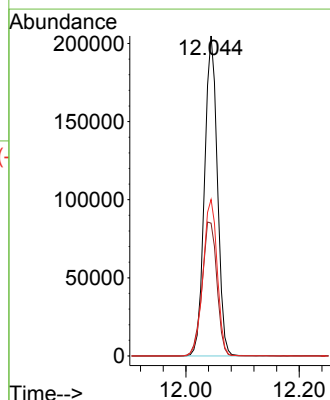
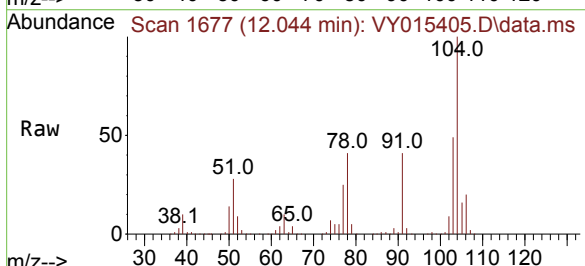
Tgt Ion:104 Resp: 321986

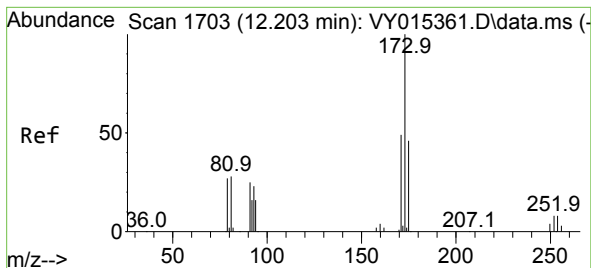
Ion Ratio Lower Upper

104 100

78 48.0 41.5 62.3

103 53.6 44.6 67.0





#71

Bromoform

Concen: 49.902 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015405.D

Acq: 01 Sep 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

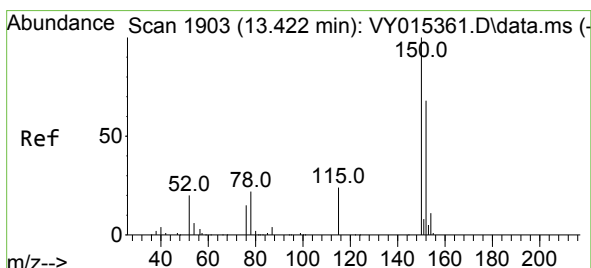
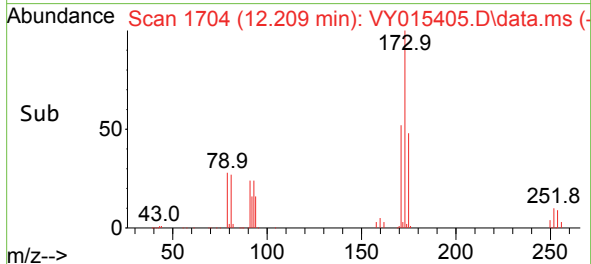
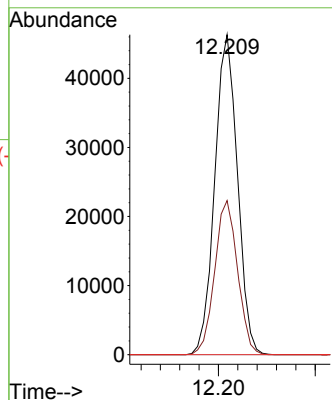
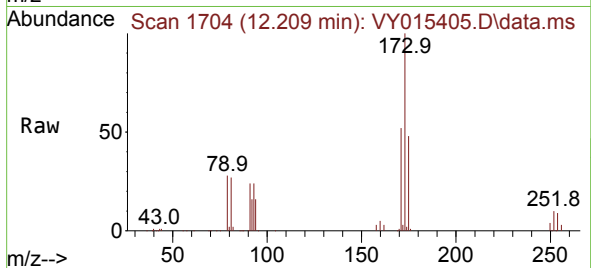
Tgt Ion:173 Resp: 75410

Ion Ratio Lower Upper

173 100

175 48.6 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015405.D

Acq: 01 Sep 2023 10:22

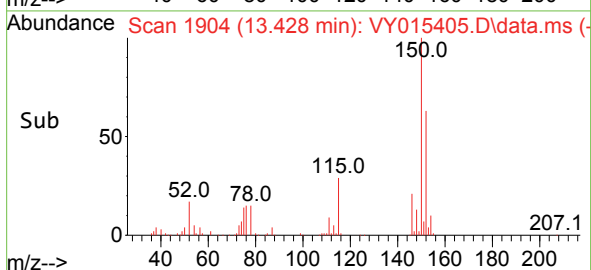
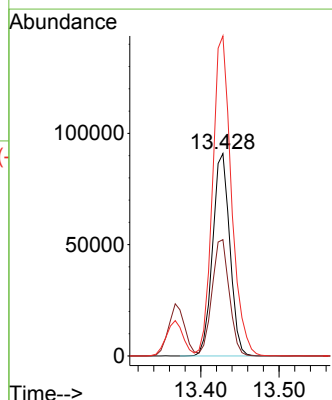
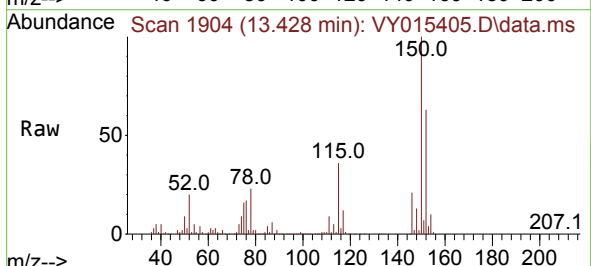
Tgt Ion:152 Resp: 138310

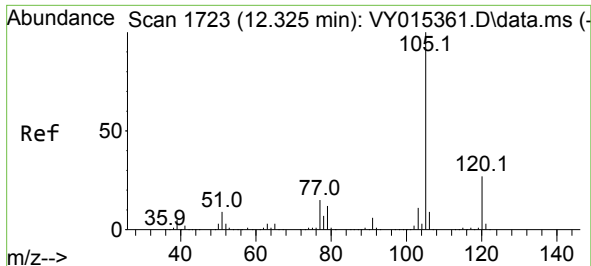
Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 173.4 0.0 348.8

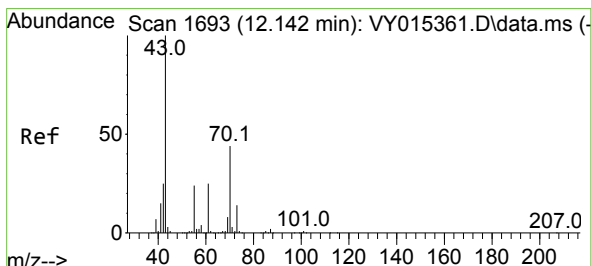
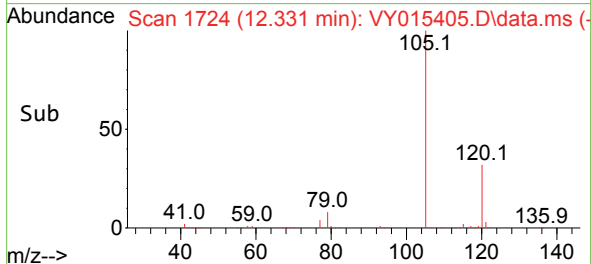
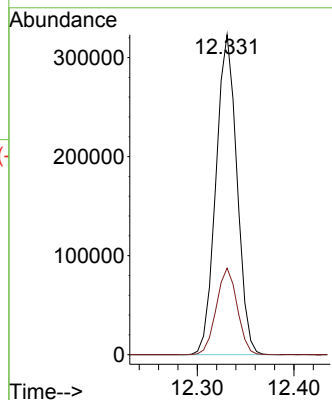
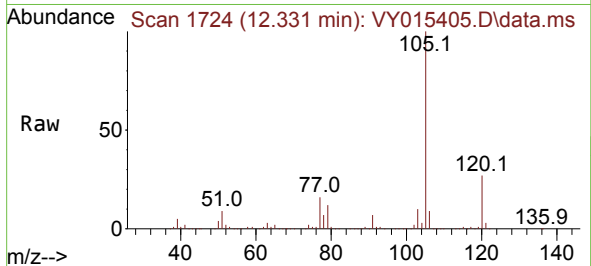




#73
Isopropylbenzene
Concen: 46.818 ug/l
RT: 12.331 min Scan# 1723
Delta R.T. 0.006 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

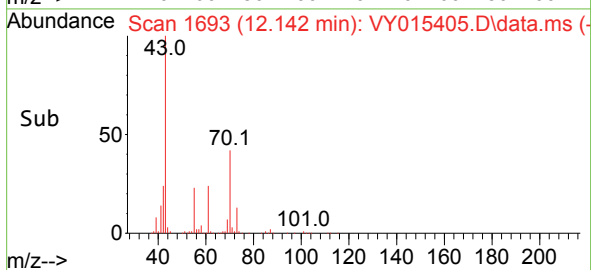
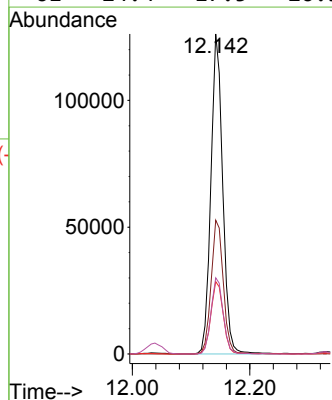
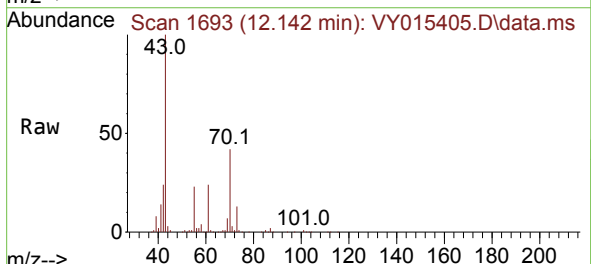
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

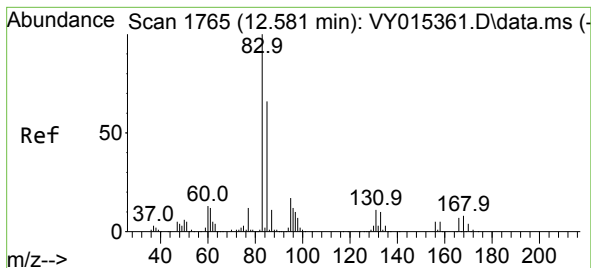
Tgt Ion:105 Resp: 486393
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.9



#74
N-ethyl acetate
Concen: 50.677 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

Tgt Ion: 43 Resp: 176876
Ion Ratio Lower Upper
43 100
70 43.1 29.7 44.5
55 23.8 18.3 27.5
61 24.4 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 47.466 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015405.D

Acq: 01 Sep 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

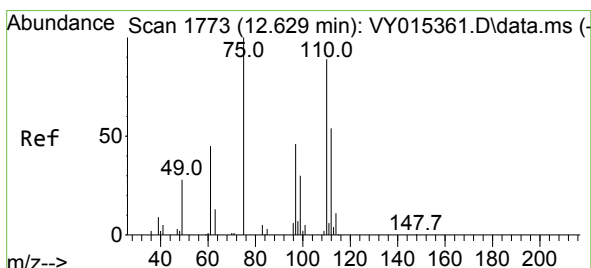
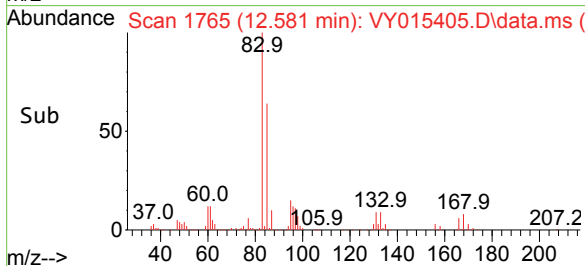
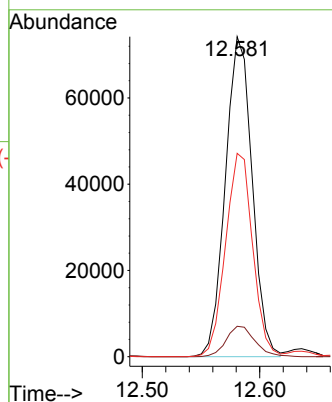
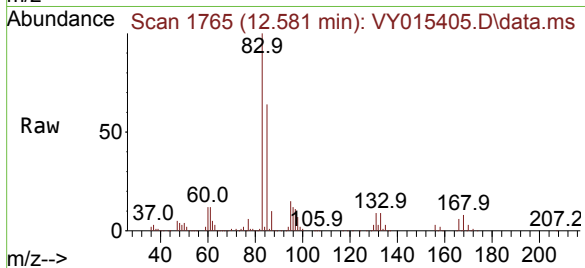
Tgt Ion: 83 Resp: 117718

Ion Ratio Lower Upper

83 100

131 10.2 5.4 16.2

85 64.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 89.179 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY015405.D

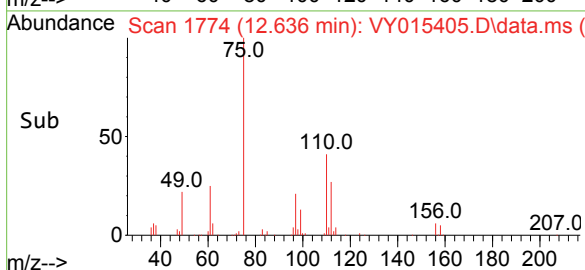
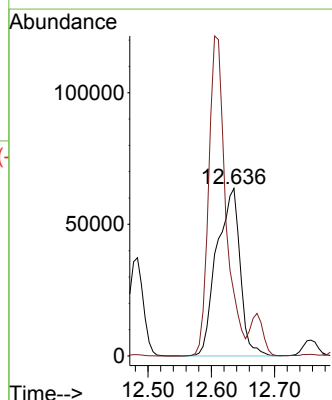
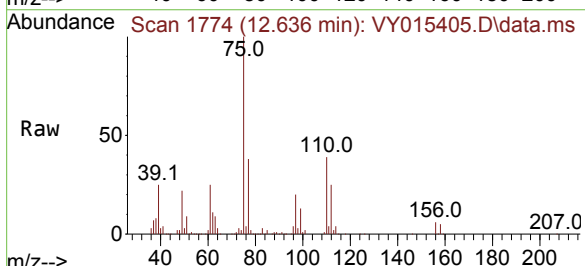
Acq: 01 Sep 2023 10:22

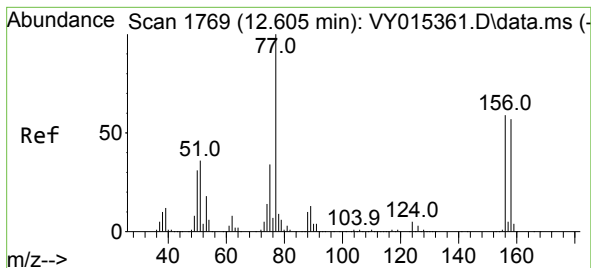
Tgt Ion: 75 Resp: 163567

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.926 ug/l

RT: 12.611 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015405.D

Acq: 01 Sep 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

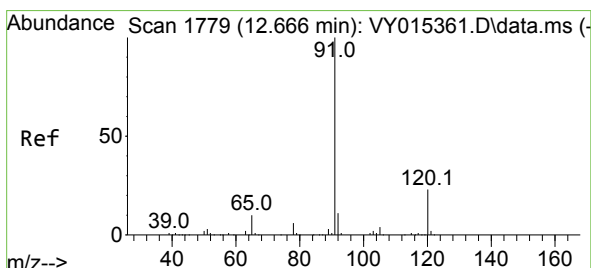
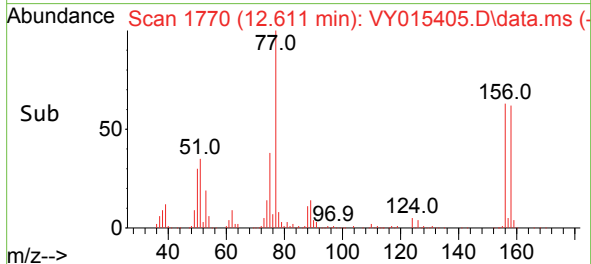
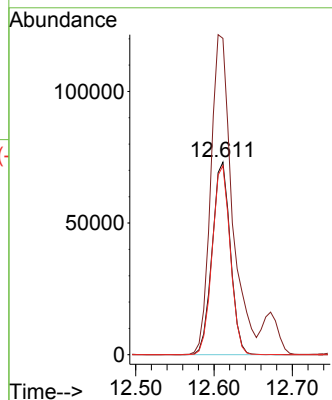
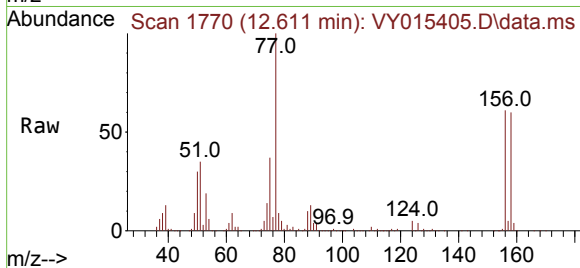
Tgt Ion:156 Resp: 117924

Ion Ratio Lower Upper

156 100

77 194.8 92.8 278.6

158 97.2 48.4 145.3



#78

n-propylbenzene

Concen: 47.296 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015405.D

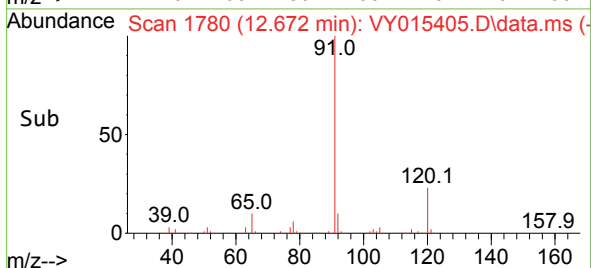
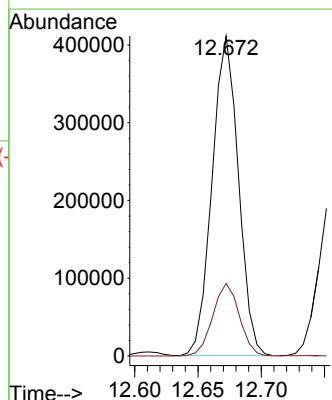
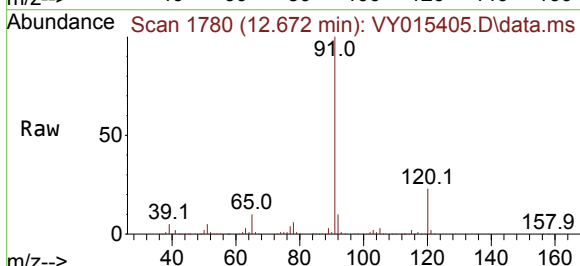
Acq: 01 Sep 2023 10:22

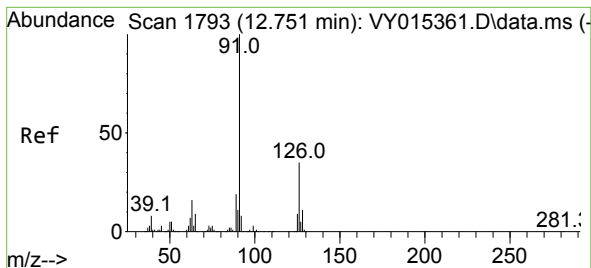
Tgt Ion: 91 Resp: 594547

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 47.435 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015405.D

Acq: 01 Sep 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

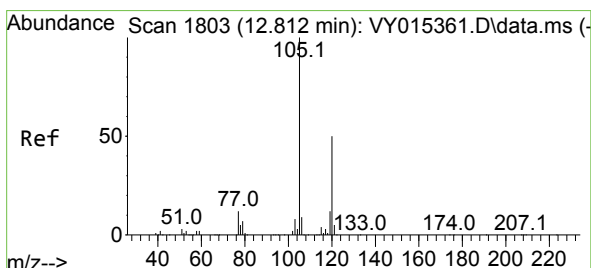
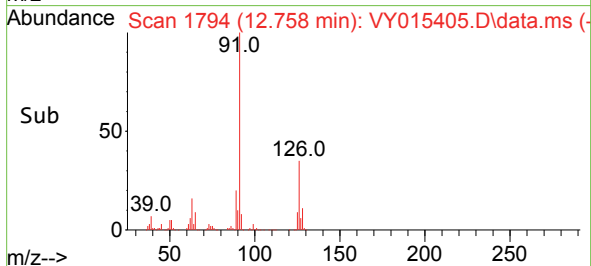
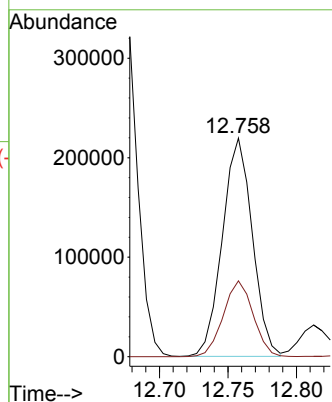
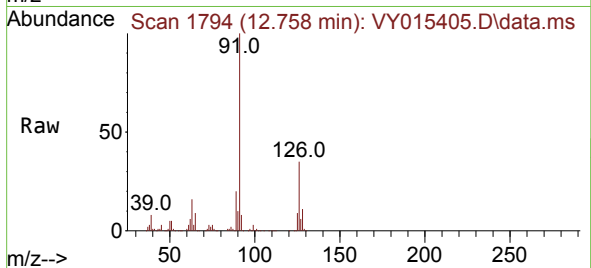
VSTDCCC050

Tgt Ion: 91 Resp: 334454

Ion Ratio Lower Upper

91 100

126 34.6 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 47.032 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015405.D

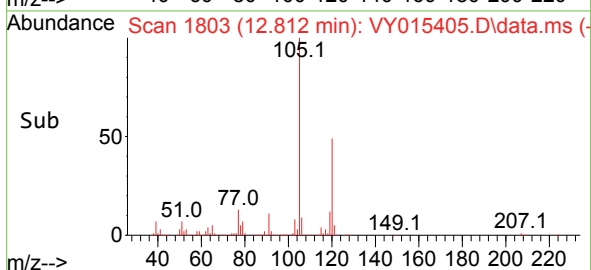
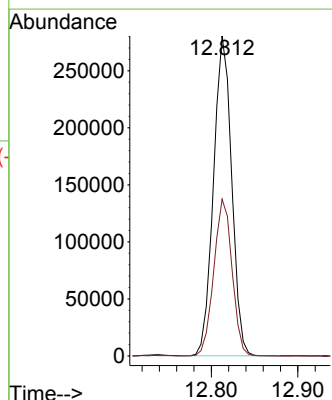
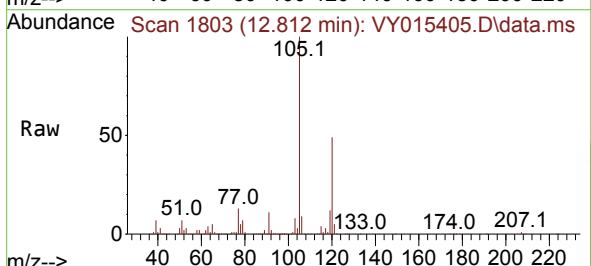
Acq: 01 Sep 2023 10:22

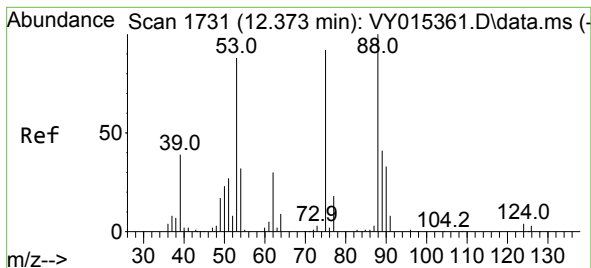
Tgt Ion:105 Resp: 408692

Ion Ratio Lower Upper

105 100

120 49.3 23.9 71.7

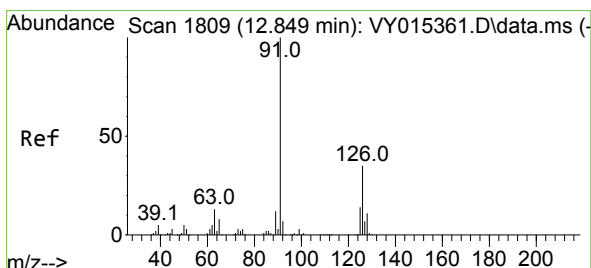
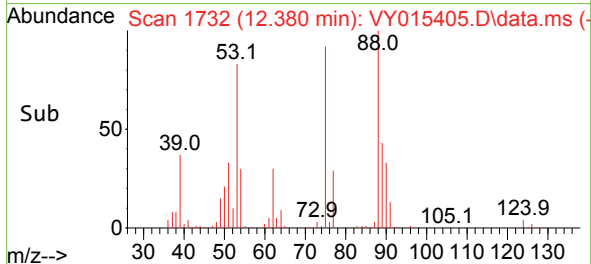
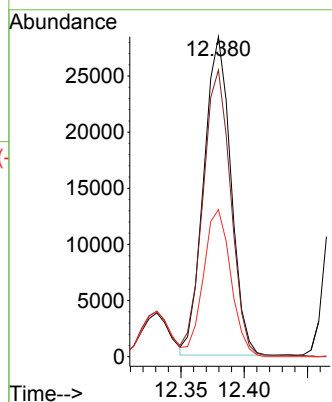
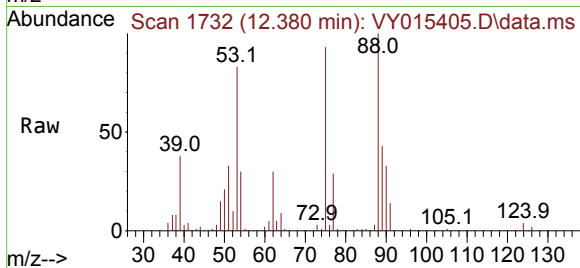




#81
trans-1,4-Dichloro-2-butene
Concen: 50.840 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

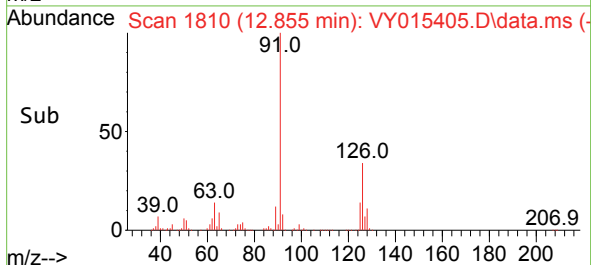
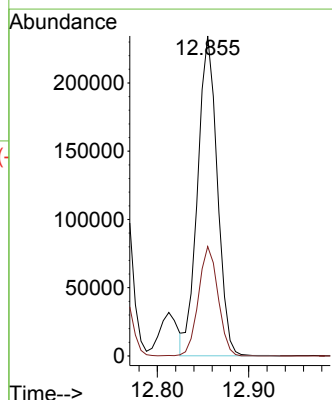
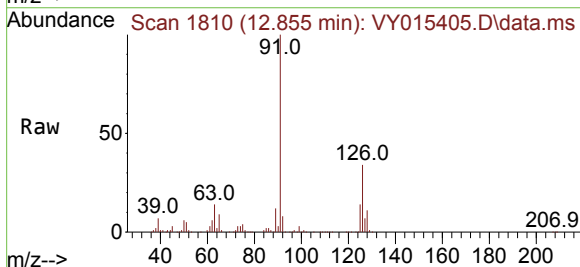
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

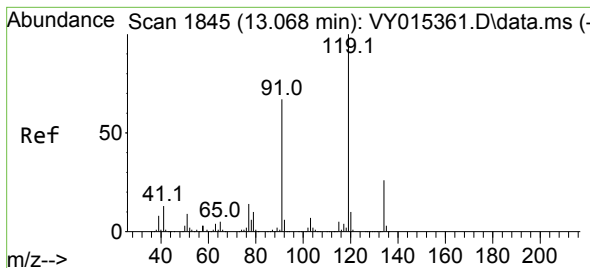
Tgt Ion: 75 Resp: 42272
Ion Ratio Lower Upper
75 100
53 92.0 77.8 116.8
89 47.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 47.751 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

Tgt Ion: 91 Resp: 349913
Ion Ratio Lower Upper
91 100
126 34.1 17.2 51.6





#83

tert-Butylbenzene

Concen: 45.582 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015405.D

Acq: 01 Sep 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

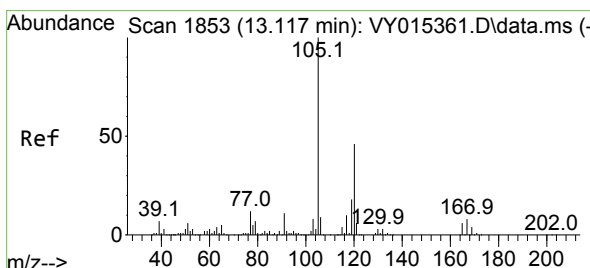
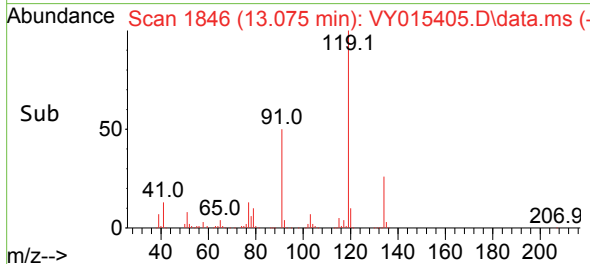
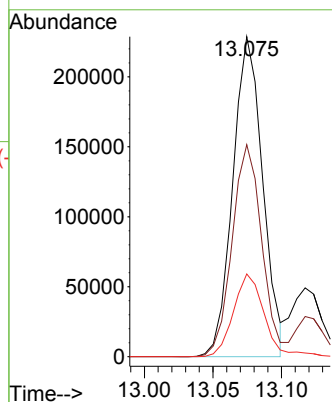
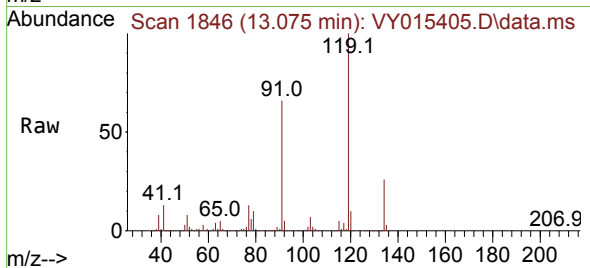
Tgt Ion:119 Resp: 346924

Ion Ratio Lower Upper

119 100

91 65.1 32.9 98.6

134 26.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 47.417 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015405.D

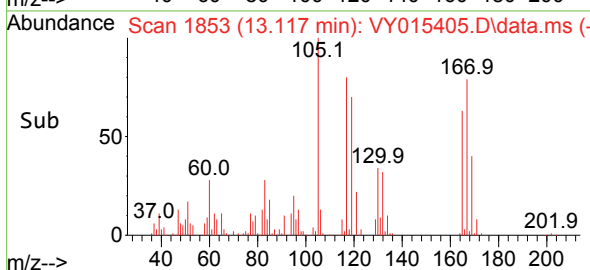
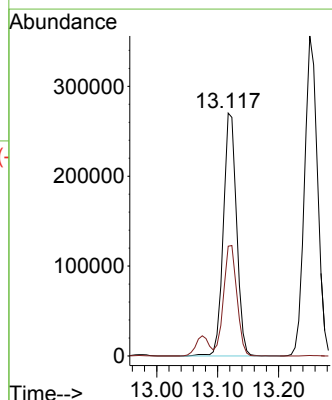
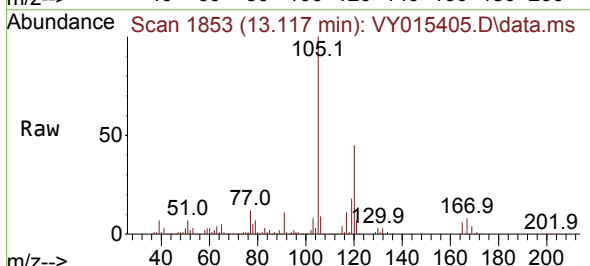
Acq: 01 Sep 2023 10:22

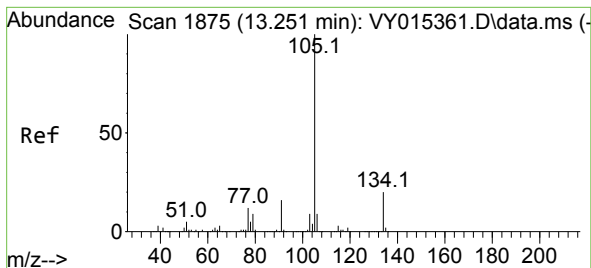
Tgt Ion:105 Resp: 409109

Ion Ratio Lower Upper

105 100

120 45.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 46.480 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015405.D

Acq: 01 Sep 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

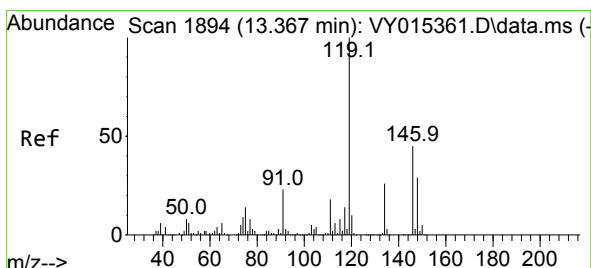
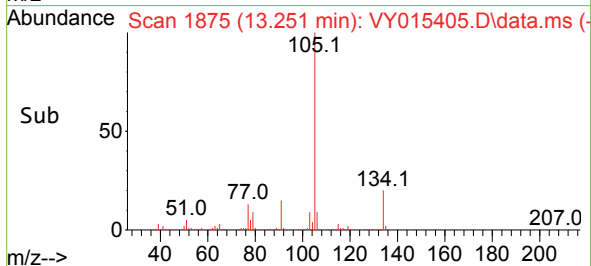
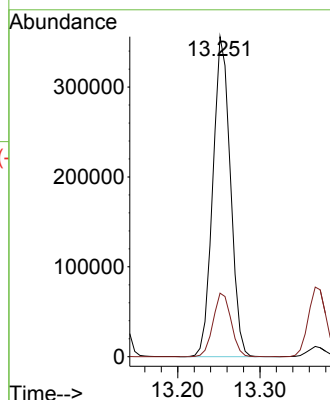
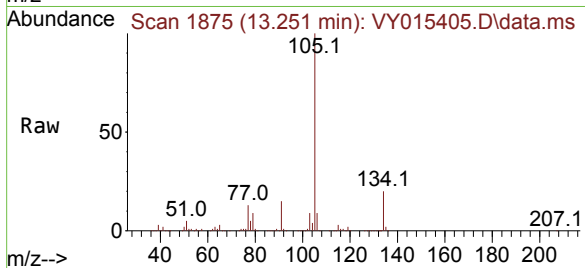
VSTDCCC050

Tgt Ion:105 Resp: 527643

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 46.638 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015405.D

Acq: 01 Sep 2023 10:22

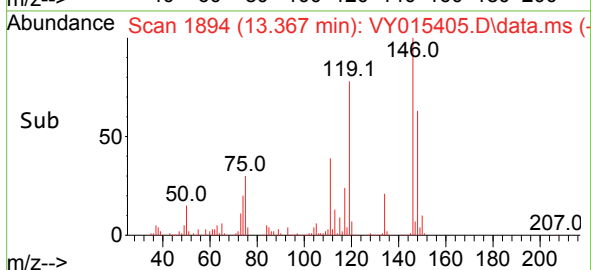
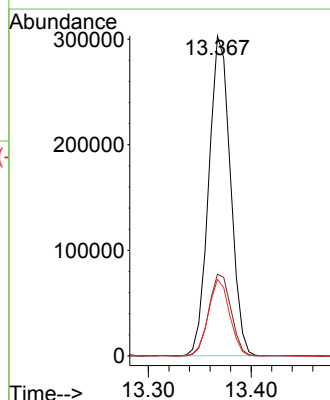
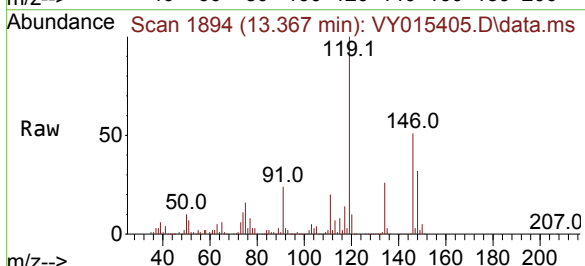
Tgt Ion:119 Resp: 443733

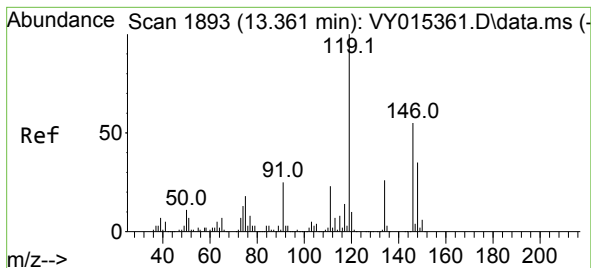
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 23.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 47.389 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015405.D

Acq: 01 Sep 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

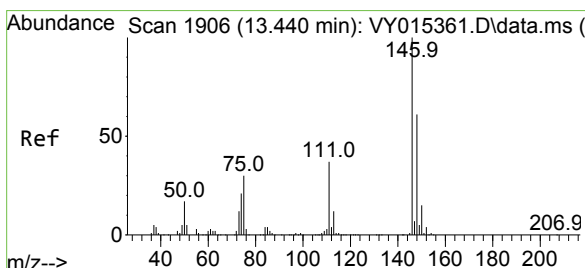
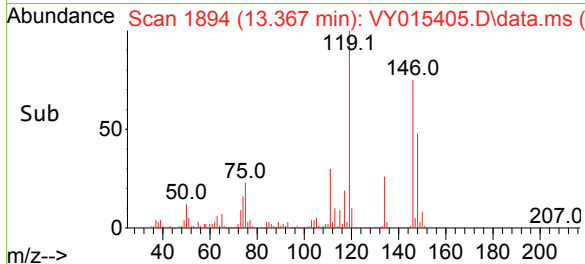
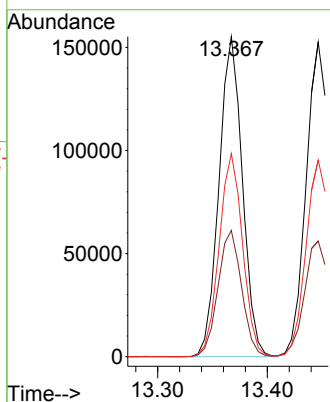
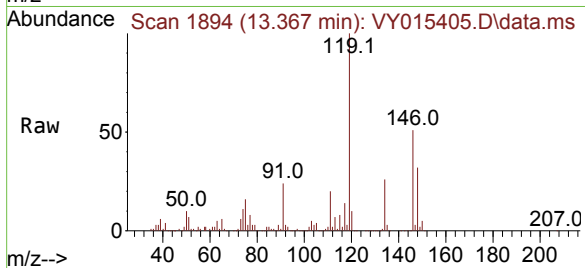
Tgt Ion:146 Resp: 230198

Ion Ratio Lower Upper

146 100

111 39.8 19.4 58.2

148 63.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 47.098 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015405.D

Acq: 01 Sep 2023 10:22

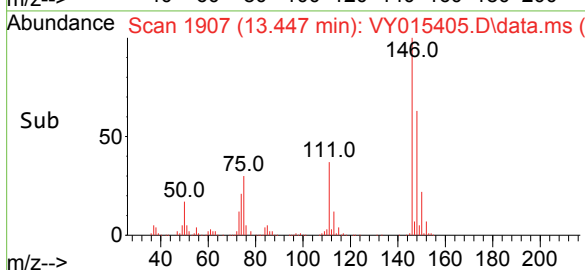
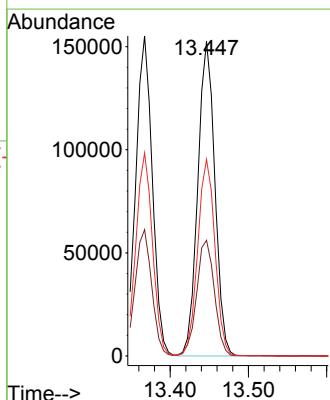
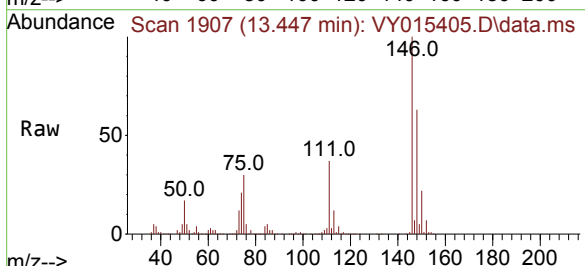
Tgt Ion:146 Resp: 231266

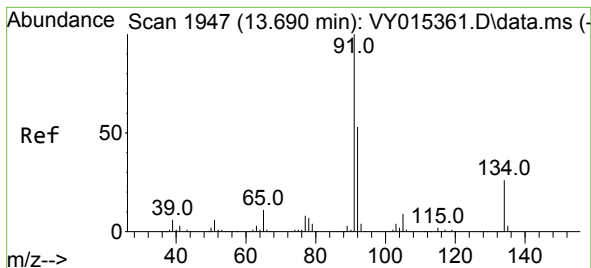
Ion Ratio Lower Upper

146 100

111 38.3 18.9 56.7

148 63.2 32.1 96.5





#89

n-Butylbenzene

Concen: 46.335 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015405.D

Acq: 01 Sep 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

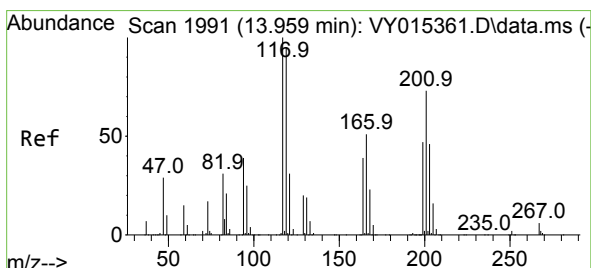
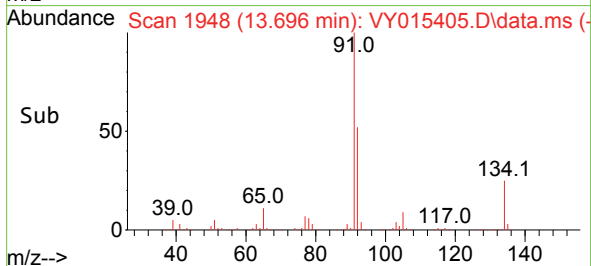
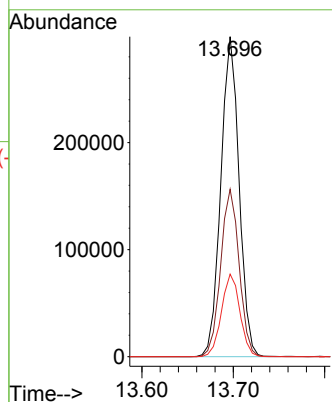
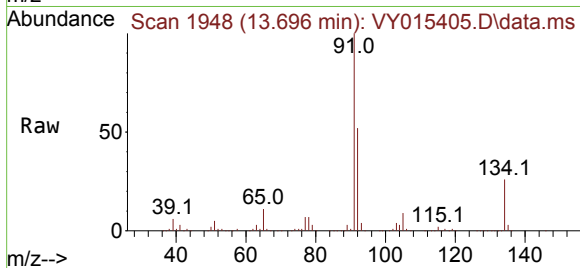
Tgt Ion: 91 Resp: 414934

Ion Ratio Lower Upper

91 100

92 53.0 25.4 76.0

134 26.1 12.6 37.6



#90

Hexachloroethane

Concen: 48.570 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015405.D

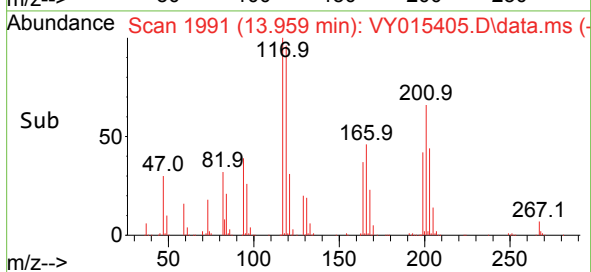
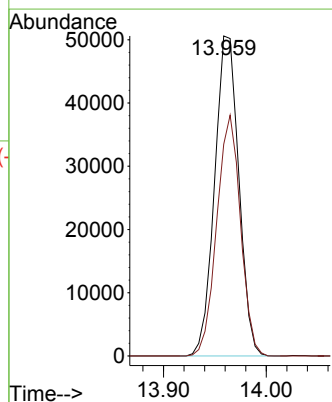
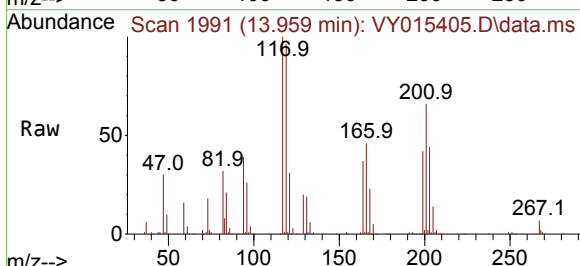
Acq: 01 Sep 2023 10:22

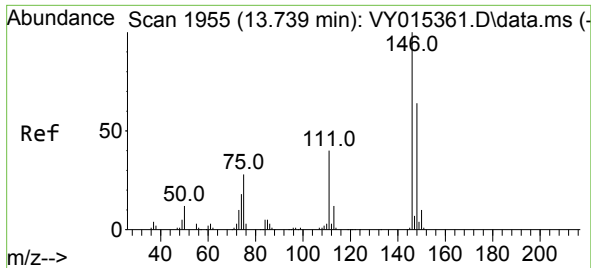
Tgt Ion: 117 Resp: 82649

Ion Ratio Lower Upper

117 100

201 73.7 41.6 124.8

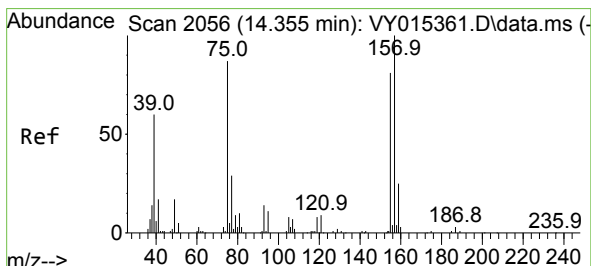
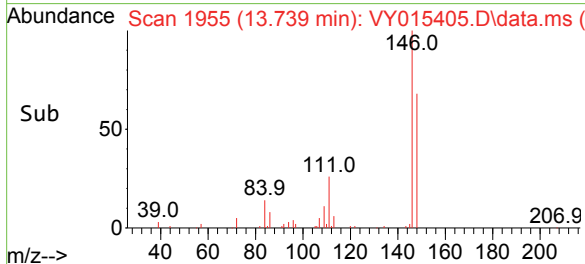
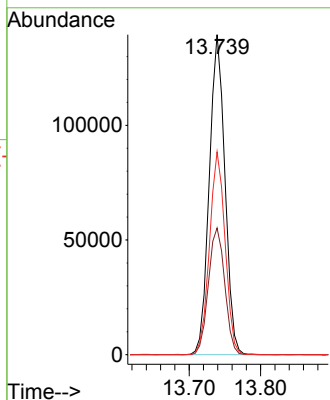
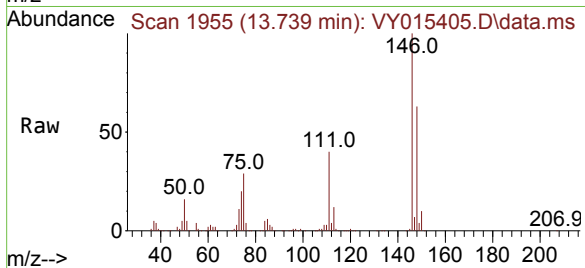




#91
1,2-Dichlorobenzene
Concen: 47.695 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

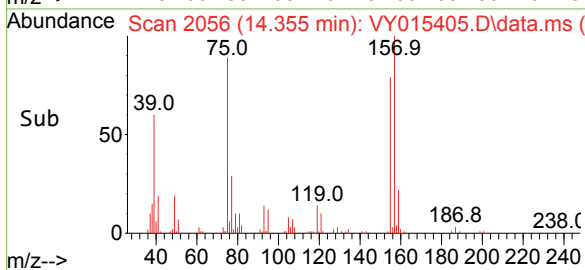
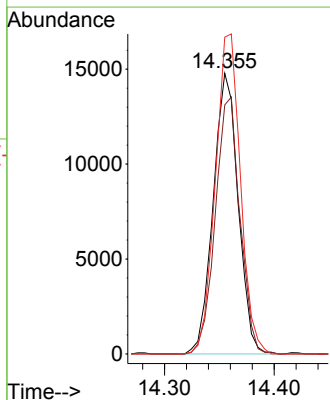
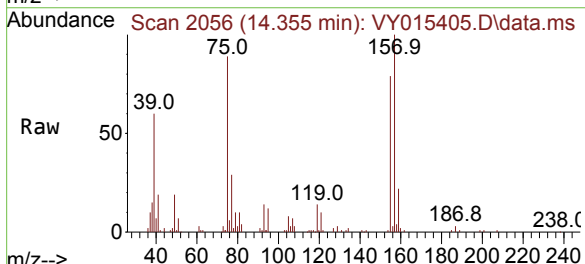
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

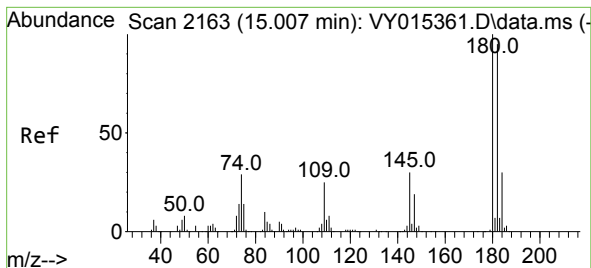
Tgt Ion:146 Resp: 211434
Ion Ratio Lower Upper
146 100
111 41.5 19.7 59.0
148 63.4 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.532 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY015405.D
Acq: 01 Sep 2023 10:22

Tgt Ion: 75 Resp: 23319
Ion Ratio Lower Upper
75 100
155 90.7 41.5 124.6
157 114.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 46.827 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015405.D

Acq: 01 Sep 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

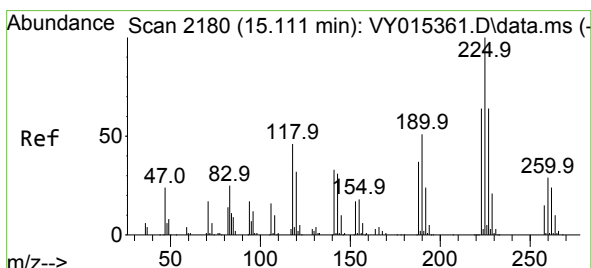
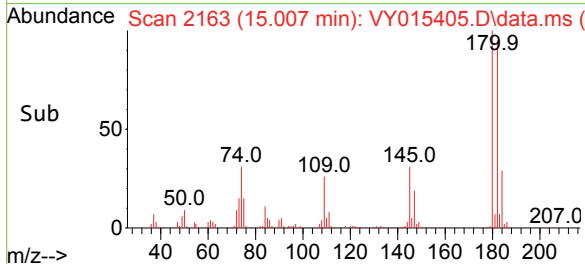
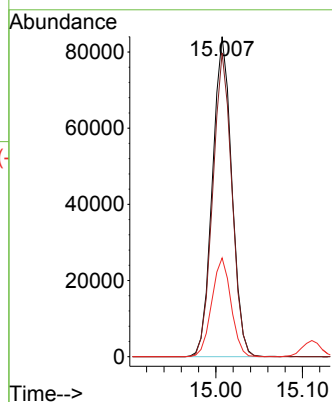
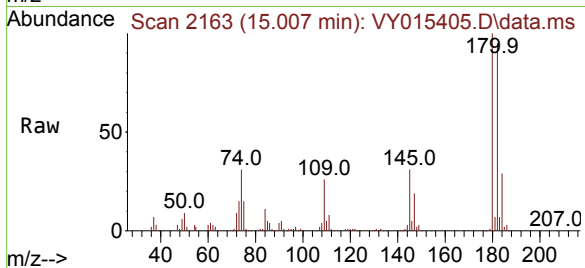
Tgt Ion:180 Resp: 130367

Ion Ratio Lower Upper

180 100

182 93.6 47.0 141.2

145 30.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 43.099 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015405.D

Acq: 01 Sep 2023 10:22

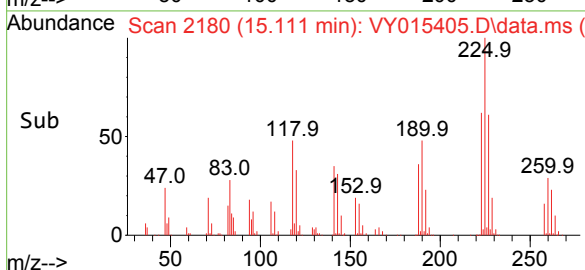
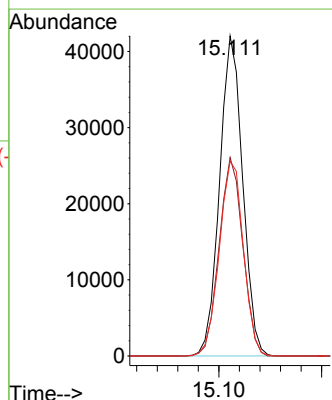
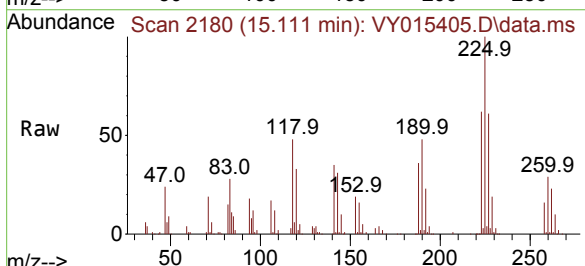
Tgt Ion:225 Resp: 65428

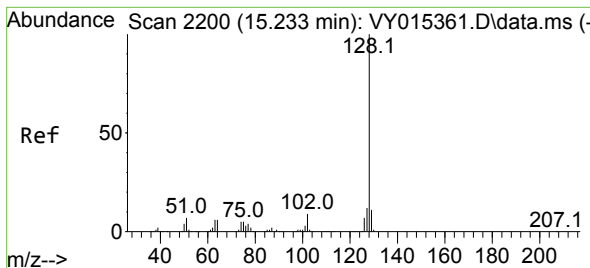
Ion Ratio Lower Upper

225 100

223 63.6 31.9 95.9

227 63.5 33.0 98.9





#95

Naphthalene

Concen: 49.124 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY015405.D

Acq: 01 Sep 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

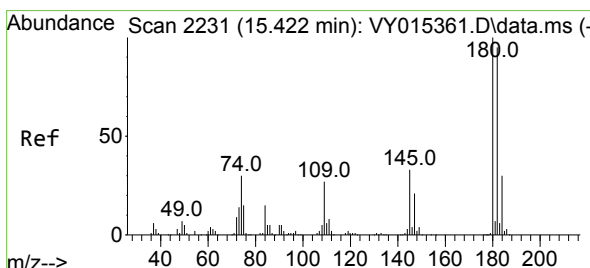
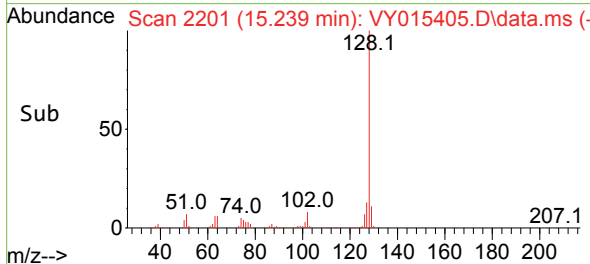
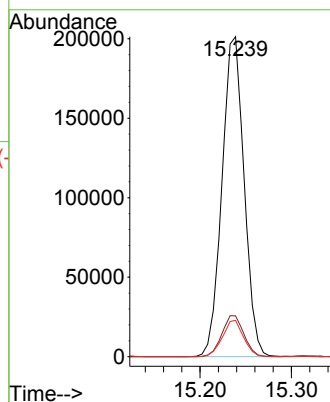
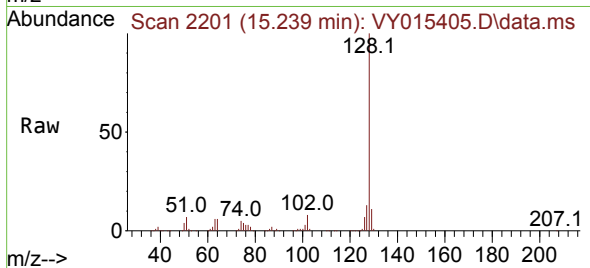
Tgt Ion:128 Resp: 338775

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.328 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY015405.D

Acq: 01 Sep 2023 10:22

Tgt Ion:180 Resp: 120185

Ion Ratio Lower Upper

180 100

182 94.1 47.3 141.8

145 31.9 15.4 46.2

