

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017195.D
 Acq On : 02 Feb 2024 19:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 02 22:34:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	119078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	207002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	181839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	82538	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	51849	48.741	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.480%
35) Dibromofluoromethane	7.722	113	53764	48.103	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.200%
50) Toluene-d8	10.185	98	197900	48.632	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.260%
62) 4-Bromofluorobenzene	12.489	95	63794	47.855	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.720%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	35628	39.468	ug/l	97
3) Chloromethane	2.119	50	69934	43.125	ug/l	99
4) Vinyl Chloride	2.253	62	83585	42.296	ug/l	100
5) Bromomethane	2.656	94	62414	45.563	ug/l	97
6) Chloroethane	2.796	64	55745	43.688	ug/l	97
7) Trichlorofluoromethane	3.131	101	84416	41.542	ug/l	98
8) Diethyl Ether	3.534	74	29846	46.693	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.905	101	54509	44.250	ug/l	98
10) Methyl Iodide	4.101	142	51748	39.959	ug/l	99
11) Tert butyl alcohol	4.960	59	19563	216.270	ug/l	100
12) 1,1-Dichloroethene	3.875	96	51162	44.325	ug/l	98
13) Acrolein	3.735	56	20223	228.423	ug/l	99
14) Allyl chloride	4.491	41	79807	45.736	ug/l	99
15) Acrylonitrile	5.167	53	67964	236.156	ug/l	100
16) Acetone	3.954	43	59009	188.734	ug/l	98
17) Carbon Disulfide	4.204	76	163642	44.413	ug/l	100
18) Methyl Acetate	4.491	43	36847	52.828	ug/l	100
19) Methyl tert-butyl Ether	5.234	73	127519	45.873	ug/l	98
20) Methylene Chloride	4.728	84	62836	49.000	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	60304	45.926	ug/l	94
22) Diisopropyl ether	6.131	45	183902	47.991	ug/l	97
23) Vinyl Acetate	6.070	43	539624	232.409	ug/l	99
24) 1,1-Dichloroethane	6.027	63	107543	45.813	ug/l	98
25) 2-Butanone	6.996	43	88771	213.577	ug/l	99
26) 2,2-Dichloropropane	6.990	77	81591	41.786	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	67916	46.245	ug/l	99
28) Bromochloromethane	7.344	49	51890	57.731	ug/l	99
29) Tetrahydrofuran	7.356	42	56725	241.596	ug/l	99
30) Chloroform	7.515	83	110600	46.836	ug/l	99
31) Cyclohexane	7.795	56	91029	42.455	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	90638	44.622	ug/l	99
36) 1,1-Dichloropropene	7.929	75	83455	43.287	ug/l	99
37) Ethyl Acetate	7.082	43	38524	43.083	ug/l	99
38) Carbon Tetrachloride	7.911	117	79053	42.826	ug/l	99
39) Methylcyclohexane	9.191	83	98473	43.721	ug/l	99
40) Benzene	8.167	78	250426	45.486	ug/l	99

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 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	21556	50.880	ug/l	97
42) 1,2-Dichloroethane	8.246	62	64867	44.500	ug/l	100
43) Isopropyl Acetate	8.283	43	71586	45.225	ug/l	100
44) Trichloroethene	8.947	130	62652	44.830	ug/l	99
45) 1,2-Dichloropropane	9.222	63	62881	46.498	ug/l	99
46) Dibromomethane	9.313	93	33577	45.965	ug/l	99
47) Bromodichloromethane	9.502	83	82364	45.053	ug/l	98
48) Methyl methacrylate	9.301	41	32945	44.372	ug/l	95
49) 1,4-Dioxane	9.301	88	7571	952.202	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	199788	235.457	ug/l	100
52) Toluene	10.252	92	153535	46.201	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	76850	44.753	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	93690	45.551	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	45613	45.894	ug/l	98
56) Ethyl methacrylate	10.514	69	57119	43.153	ug/l	97
57) 1,3-Dichloropropane	10.794	76	79574	46.549	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	159856	258.177	ug/l	98
59) 2-Hexanone	10.837	43	136246	222.057	ug/l	100
60) Dibromochloromethane	10.990	129	53226	45.650	ug/l	100
61) 1,2-Dibromoethane	11.093	107	42256	45.714	ug/l	98
64) Tetrachloroethene	10.727	164	53325	45.154	ug/l	98
65) Chlorobenzene	11.520	112	156642	44.655	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	58170	45.631	ug/l	100
67) Ethyl Benzene	11.599	91	287886	45.410	ug/l	100
68) m/p-Xylenes	11.709	106	219598	91.276	ug/l	100
69) o-Xylene	12.038	106	102177	46.118	ug/l	99
70) Styrene	12.050	104	174872	47.904	ug/l	98
71) Bromoform	12.215	173	30450	45.611	ug/l #	100
73) Isopropylbenzene	12.337	105	267605	44.133	ug/l	99
74) N-amyl acetate	12.148	43	61384	45.054	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	52776	44.253	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	63039	82.749	ug/l #	100
77) Bromobenzene	12.617	156	59015	43.878	ug/l	99
78) n-propylbenzene	12.678	91	332458	44.643	ug/l	100
79) 2-Chlorotoluene	12.764	91	182637	44.609	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	217743	45.152	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	15636	42.648	ug/l	98
82) 4-Chlorotoluene	12.861	91	188961	44.844	ug/l	100
83) tert-Butylbenzene	13.081	119	185552	44.888	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	215020	45.172	ug/l	98
85) sec-Butylbenzene	13.257	105	286521	44.348	ug/l	100
86) p-Isopropyltoluene	13.373	119	231991	44.935	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	119044	44.368	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	114930	44.090	ug/l	99
89) n-Butylbenzene	13.702	91	221596	45.144	ug/l	99
90) Hexachloroethane	13.971	117	45807	43.219	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	103060	45.120	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6761	43.523	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	52170	45.983	ug/l	98
94) Hexachlorobutadiene	15.117	225	29680	44.417	ug/l	99
95) Naphthalene	15.245	128	99800	44.257	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	44710	46.335	ug/l	98

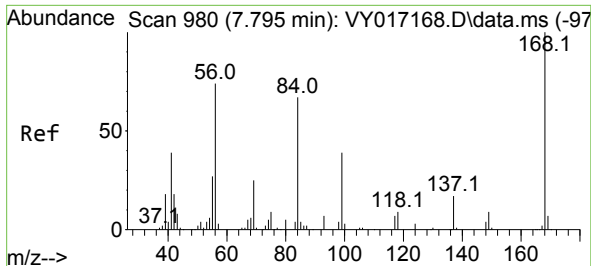
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
Data File : VY017195.D
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Response via : Initial Calibration

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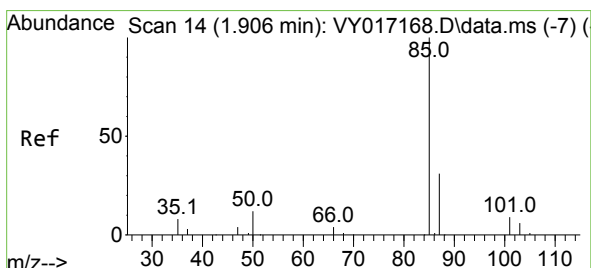
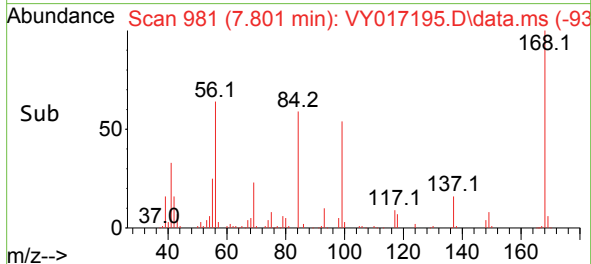
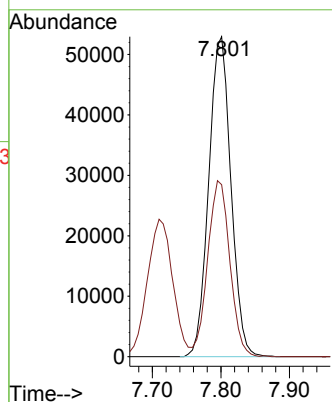
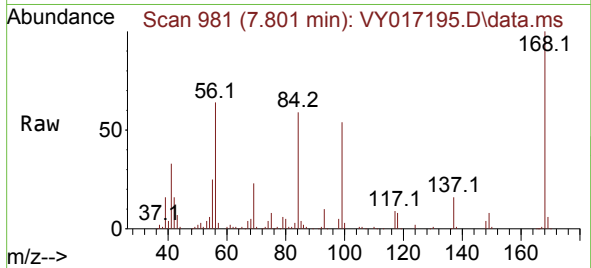
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

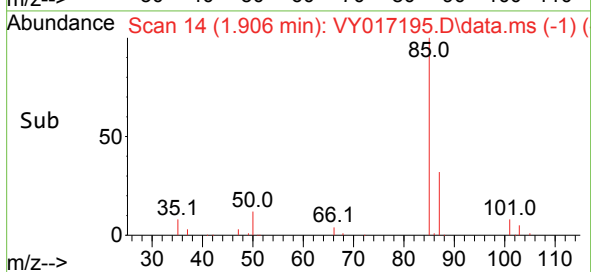
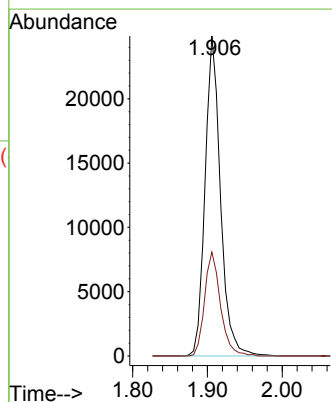
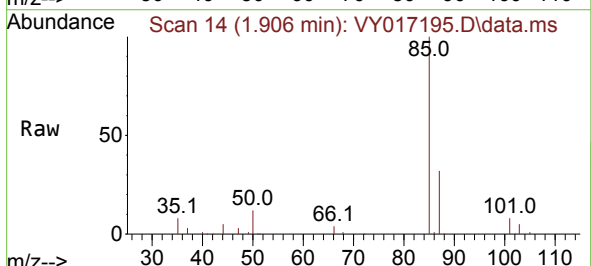
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

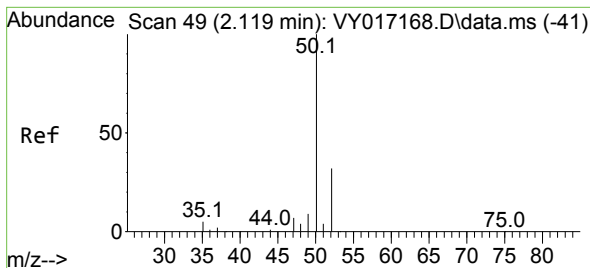
Tgt Ion:168 Resp: 119078
Ion Ratio Lower Upper
168 100
99 53.7 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 39.468 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

Tgt Ion: 85 Resp: 35628
Ion Ratio Lower Upper
85 100
87 32.4 17.1 51.3





#3

Chloromethane

Concen: 43.125 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY017195.D

Acq: 02 Feb 2024 19:33

Instrument :

MSVOA_Y

ClientSampleId :

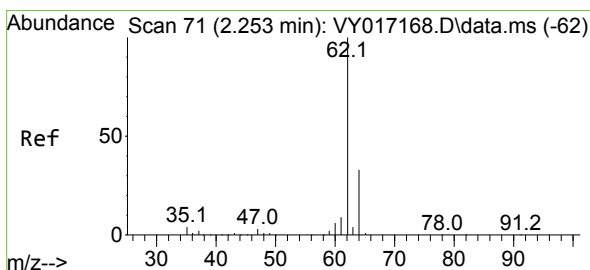
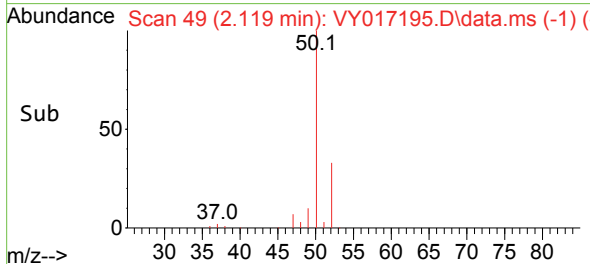
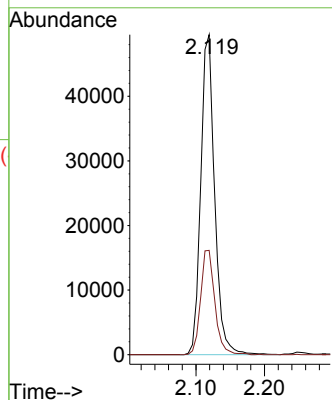
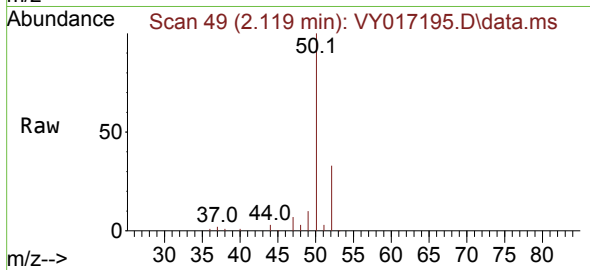
VSTDCCC050EC

Tgt Ion: 50 Resp: 69934

Ion Ratio Lower Upper

50 100

52 32.6 26.7 40.1



#4

Vinyl Chloride

Concen: 42.296 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY017195.D

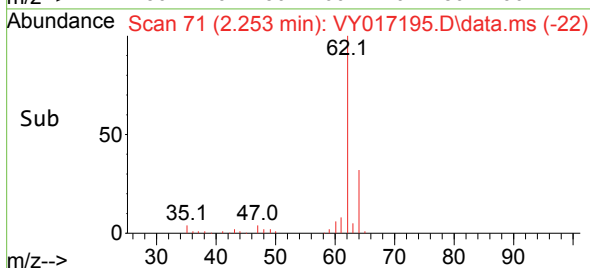
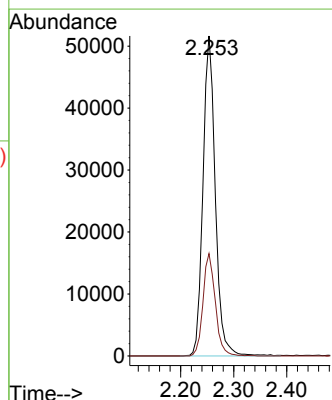
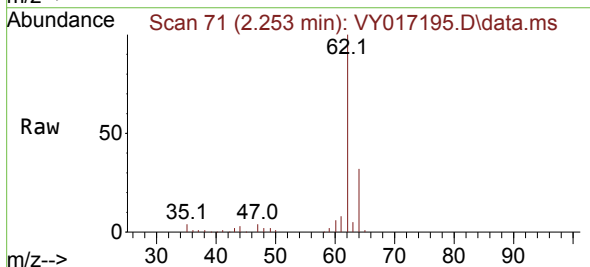
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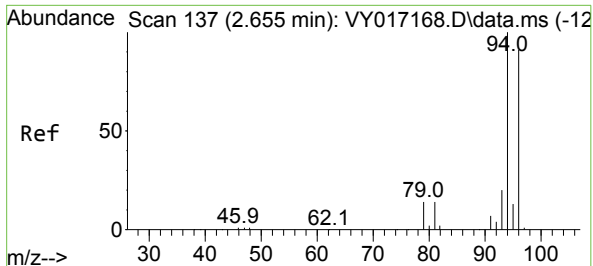
Tgt Ion: 62 Resp: 83585

Ion Ratio Lower Upper

62 100

64 32.0 25.7 38.5

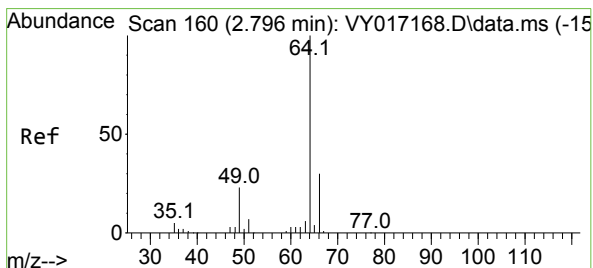
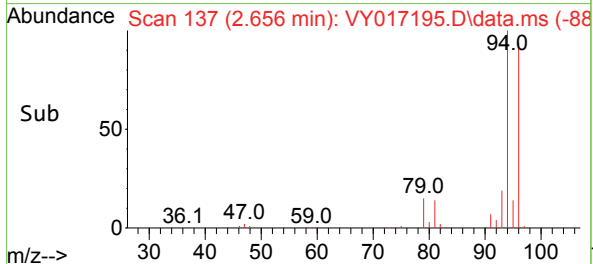
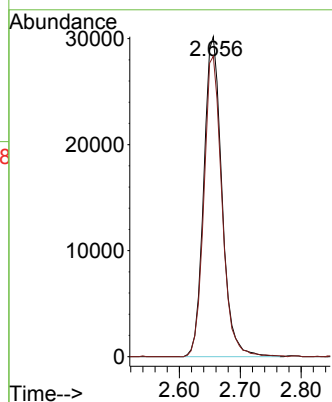
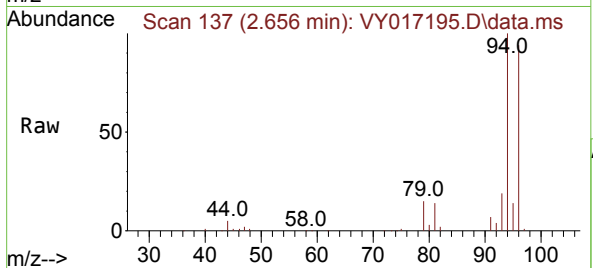




#5
Bromomethane
Concen: 45.563 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

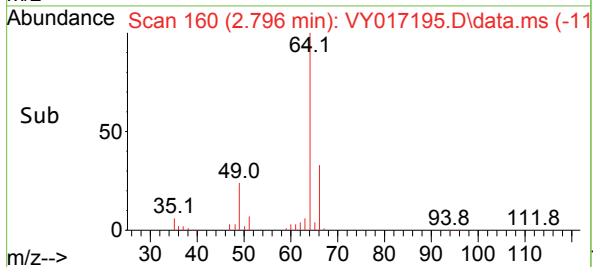
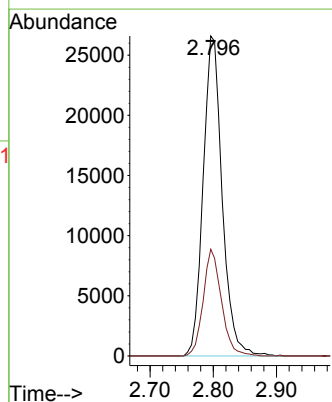
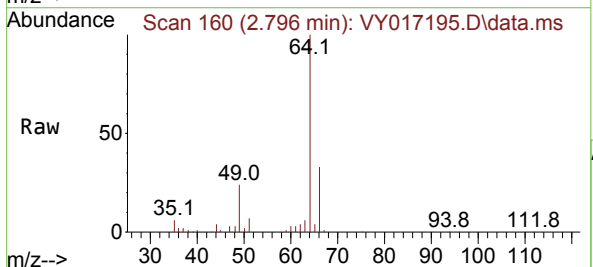
Instrument :
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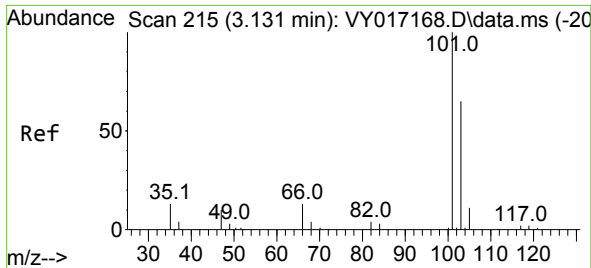
Tgt Ion: 94 Resp: 62414
Ion Ratio Lower Upper
94 100
96 93.9 77.3 115.9



#6
Chloroethane
Concen: 43.688 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

Tgt Ion: 64 Resp: 55745
Ion Ratio Lower Upper
64 100
66 33.3 25.1 37.7

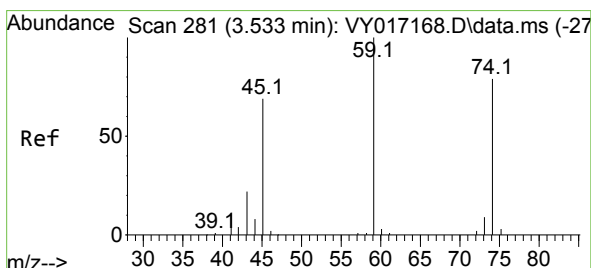
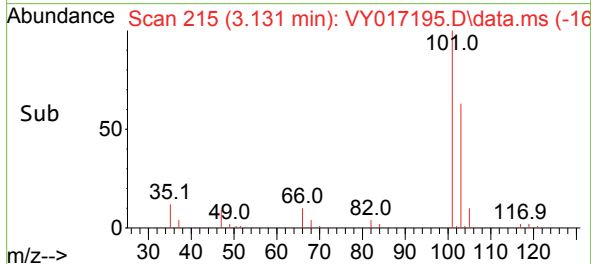
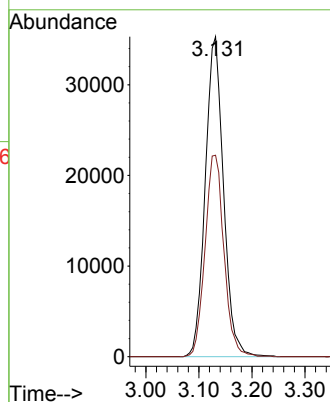
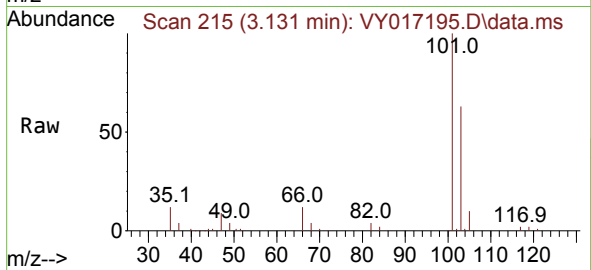




#7
 Trichlorofluoromethane
 Concen: 41.542 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY017195.D
 Acq: 02 Feb 2024 19:33

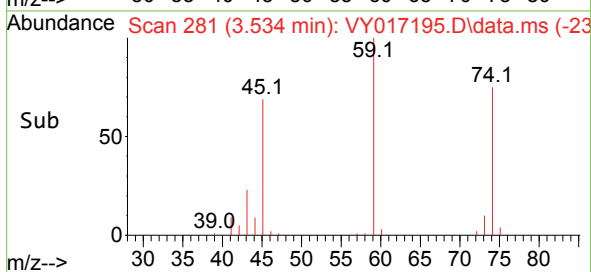
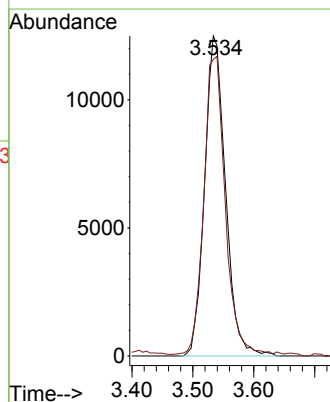
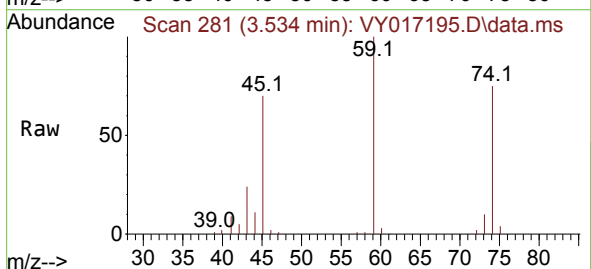
Instrument :
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 VSTDCCC050EC

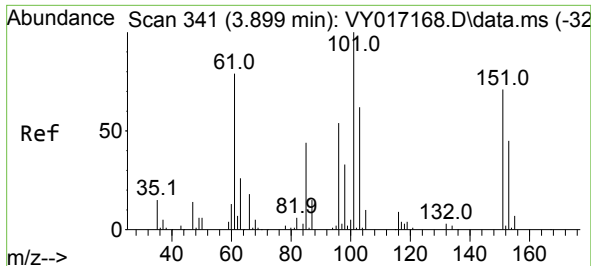
Tgt Ion:101 Resp: 84416
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.9 77.9



#8
 Diethyl Ether
 Concen: 46.693 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
 Lab File: VY017195.D
 Acq: 02 Feb 2024 19:33

Tgt Ion: 74 Resp: 29846
 Ion Ratio Lower Upper
 74 100
 45 95.1 47.9 143.7

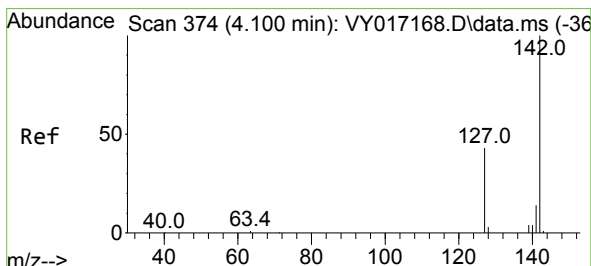
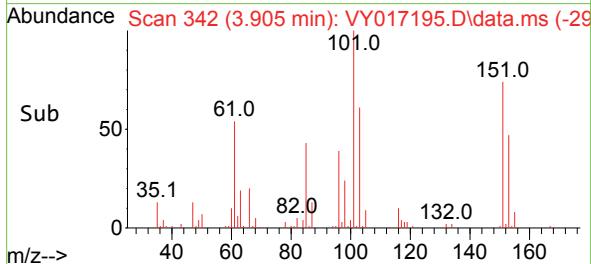
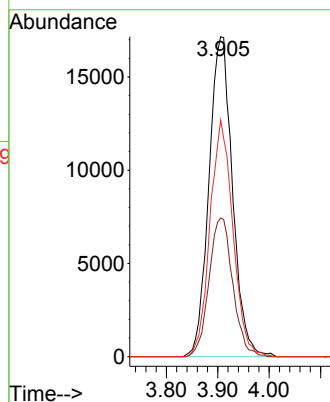
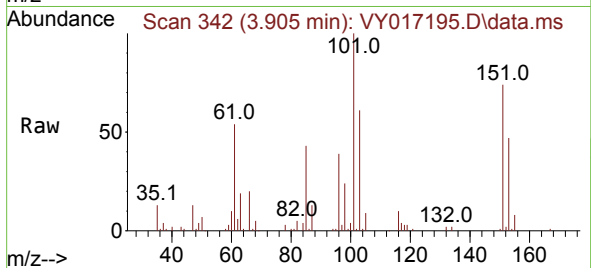




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.250 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017195.D
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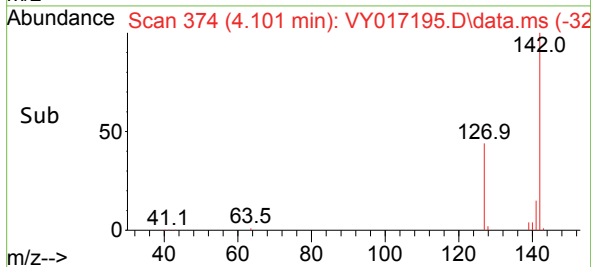
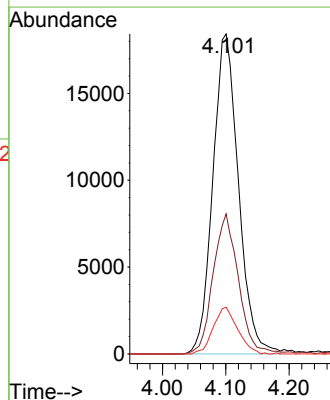
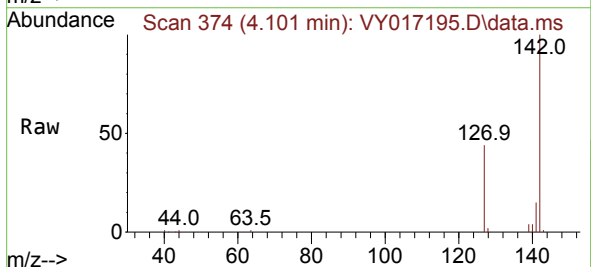
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

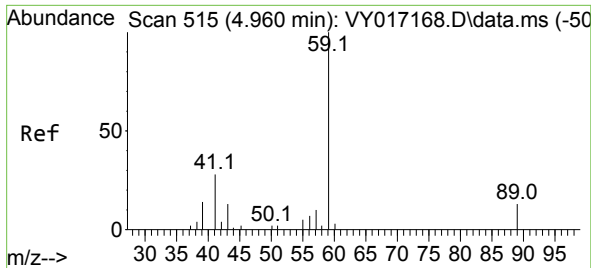
Tgt Ion:	101	Resp:	54509
Ion	Ratio	Lower	Upper
101	100		
85	43.7	35.8	53.6
151	71.9	58.6	88.0



#10
Methyl Iodide
Concen: 39.959 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

Tgt Ion:	142	Resp:	51748
Ion	Ratio	Lower	Upper
142	100		
127	43.4	35.1	52.7
141	13.9	11.8	17.6

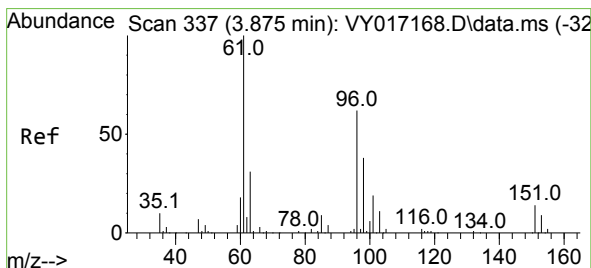
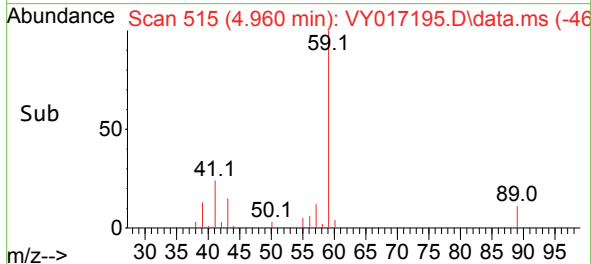
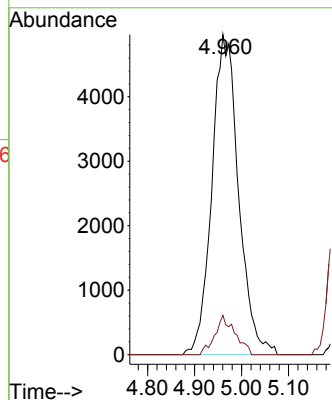
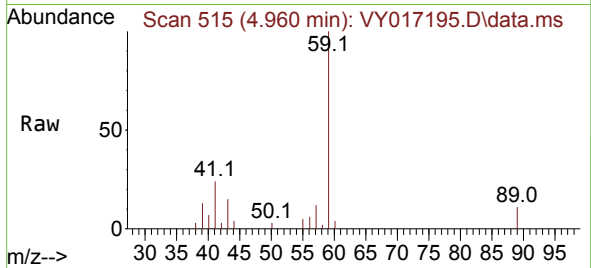




#11
Tert butyl alcohol
Concen: 216.270 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

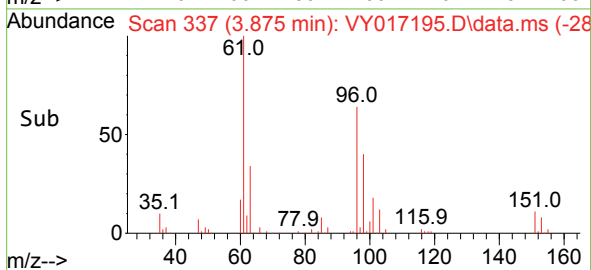
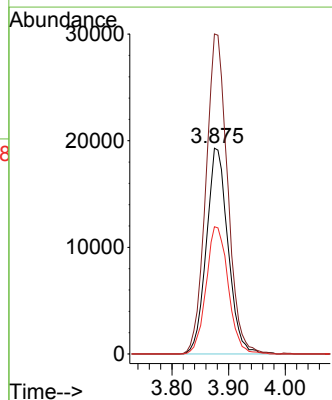
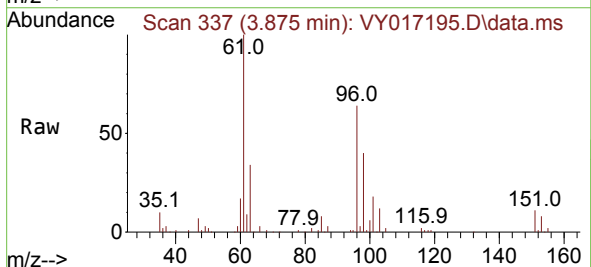
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

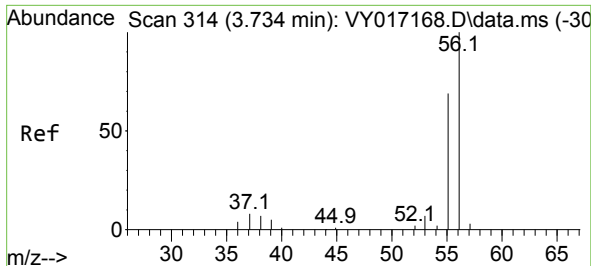
Tgt Ion: 59 Resp: 19563
Ion Ratio Lower Upper
59 100
57 9.2 7.4 11.0



#12
1,1-Dichloroethene
Concen: 44.325 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

Tgt Ion: 96 Resp: 51162
Ion Ratio Lower Upper
96 100
61 155.6 124.2 186.2
98 61.8 52.6 79.0

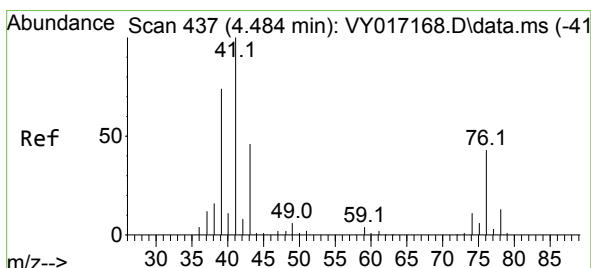
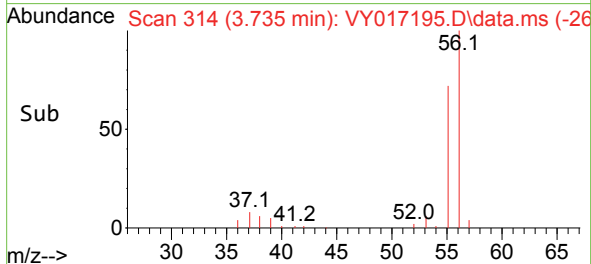
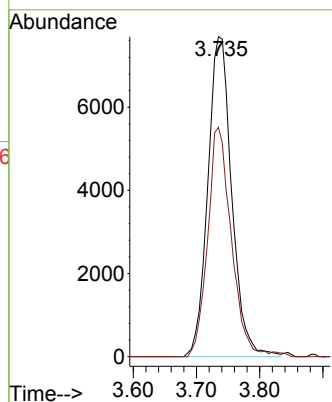
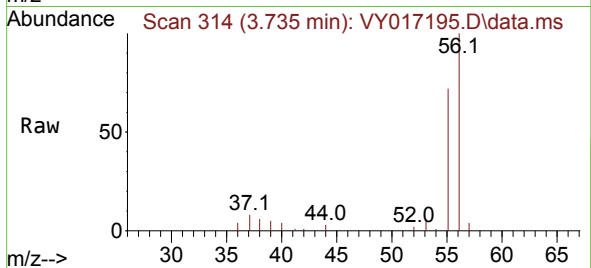




#13
Acrolein
Concen: 228.423 ug/l
RT: 3.735 min Scan# 314
Delta R.T. 0.001 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

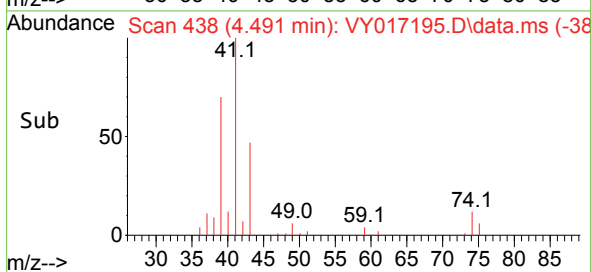
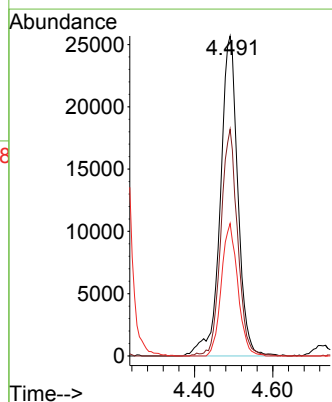
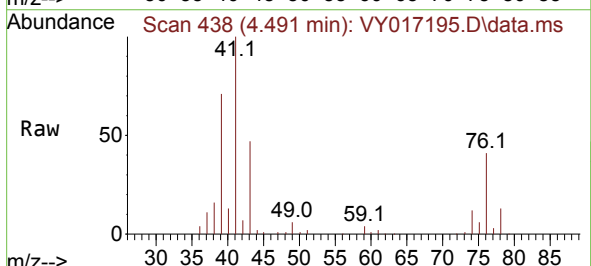
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

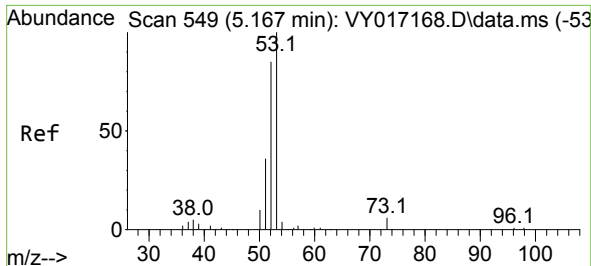
Tgt Ion: 56 Resp: 20223
Ion Ratio Lower Upper
56 100
55 70.4 55.4 83.0



#14
Allyl chloride
Concen: 45.736 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

Tgt Ion: 41 Resp: 79807
Ion Ratio Lower Upper
41 100
39 68.0 54.7 82.1
76 38.9 31.8 47.6





#15

Acrylonitrile

Concen: 236.156 ug/l

RT: 5.167 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY017195.D

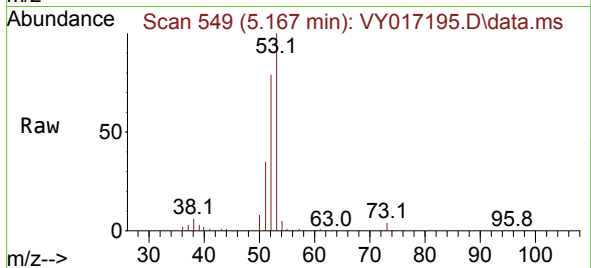
Acq: 02 Feb 2024 19:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



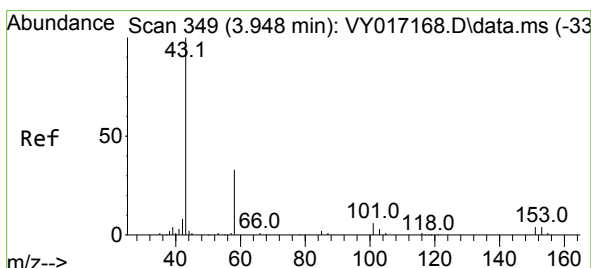
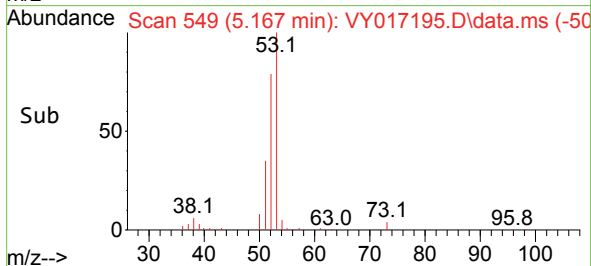
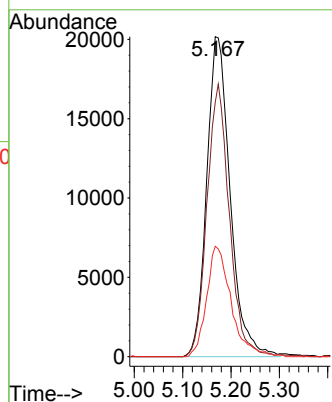
Tgt Ion: 53 Resp: 67964

Ion Ratio Lower Upper

53 100

52 81.3 65.1 97.7

51 36.1 29.0 43.4



#16

Acetone

Concen: 188.734 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY017195.D

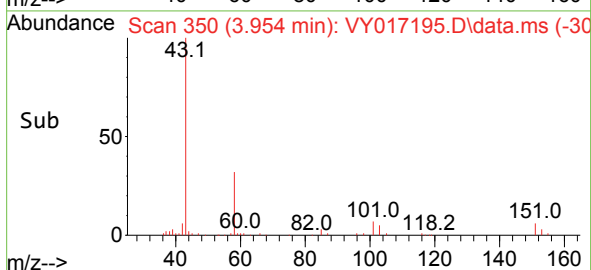
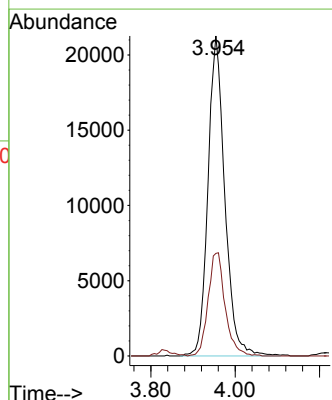
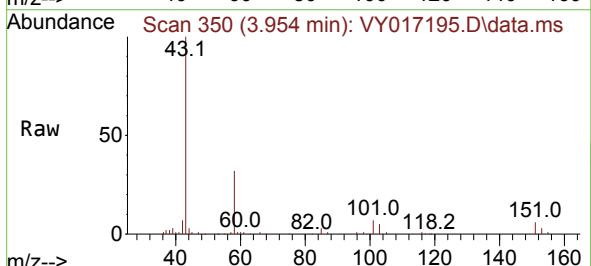
Acq: 02 Feb 2024 19:33

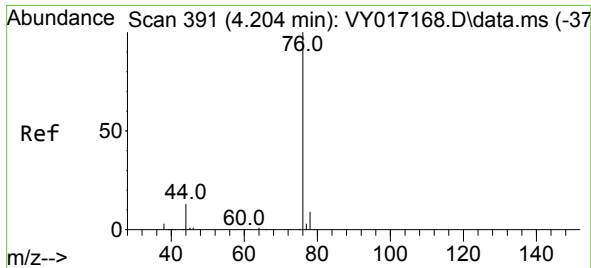
Tgt Ion: 43 Resp: 59009

Ion Ratio Lower Upper

43 100

58 32.0 26.6 39.8

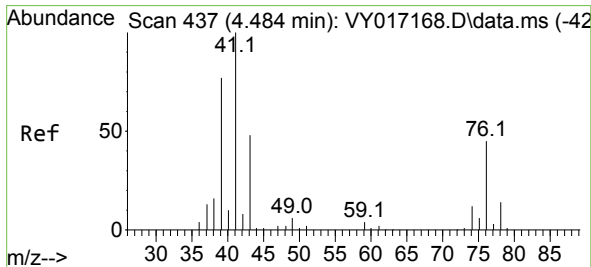
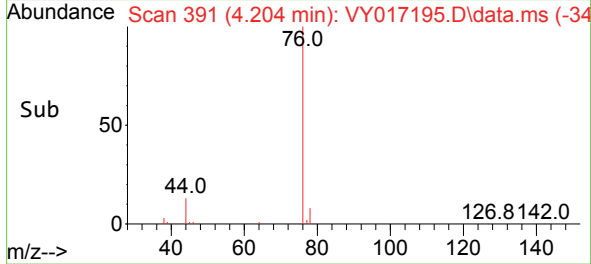
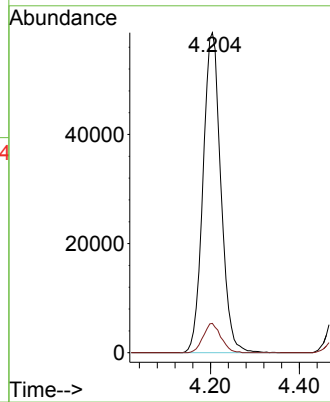
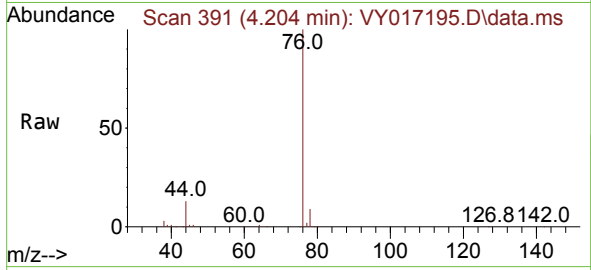




#17
Carbon Disulfide
Concen: 44.413 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

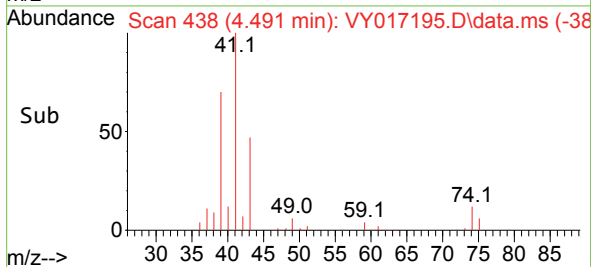
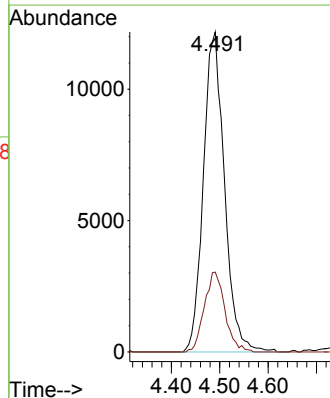
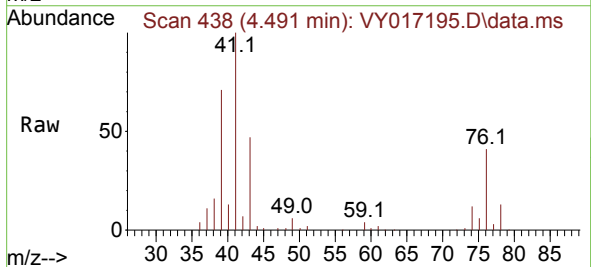
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

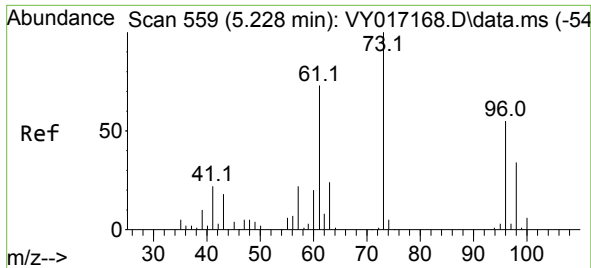
Tgt Ion: 76 Resp: 163642
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 52.828 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

Tgt Ion: 43 Resp: 36847
Ion Ratio Lower Upper
43 100
74 24.5 19.8 29.6

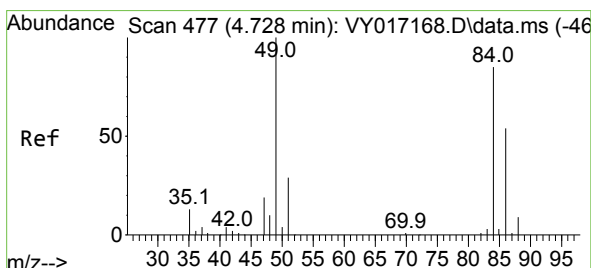
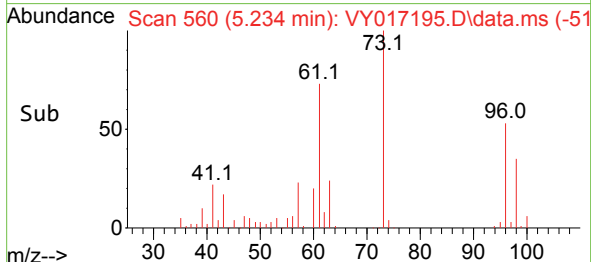
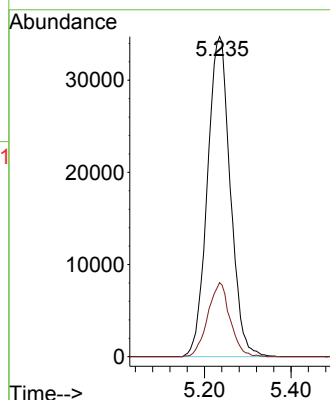
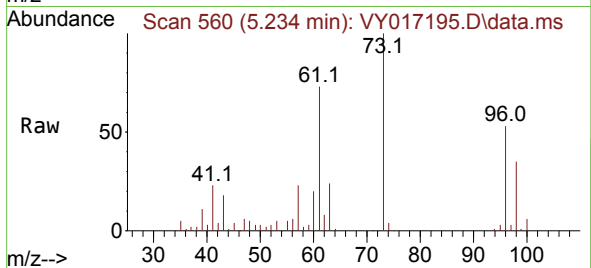




#19
Methyl tert-butyl Ether
Concen: 45.873 ug/l
RT: 5.234 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

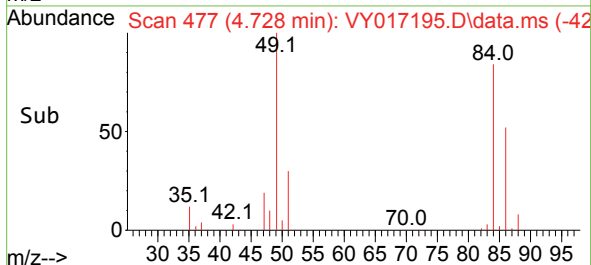
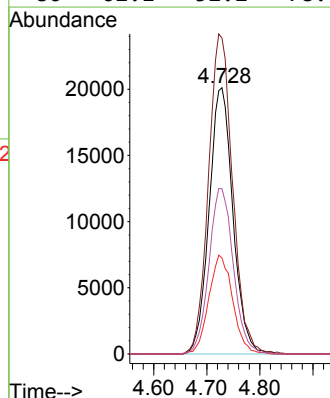
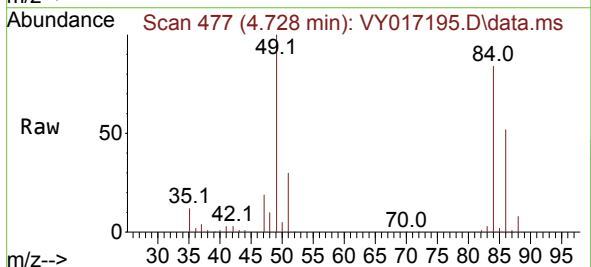
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

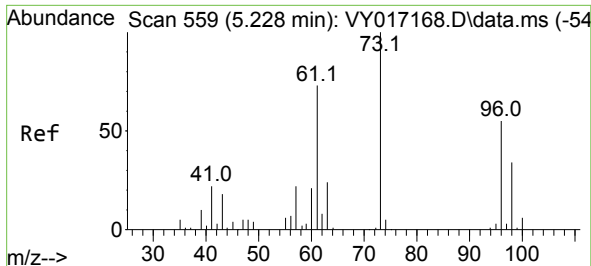
Tgt Ion: 73 Resp: 127519
Ion Ratio Lower Upper
73 100
57 23.2 17.7 26.5



#20
Methylene Chloride
Concen: 49.000 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

Tgt Ion: 84 Resp: 62836
Ion Ratio Lower Upper
84 100
49 118.7 95.2 142.8
51 36.0 29.9 44.9
86 62.1 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 45.926 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY017195.D

Acq: 02 Feb 2024 19:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

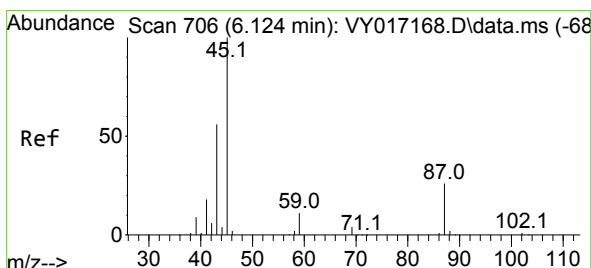
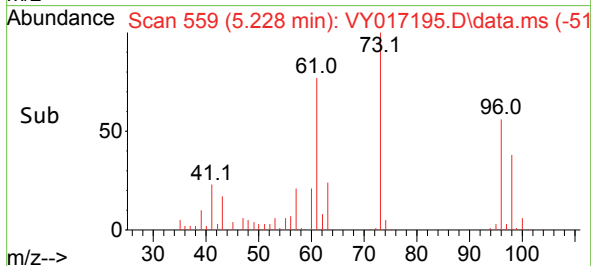
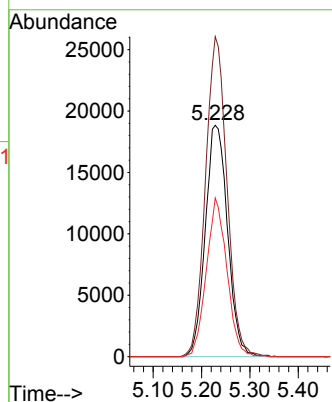
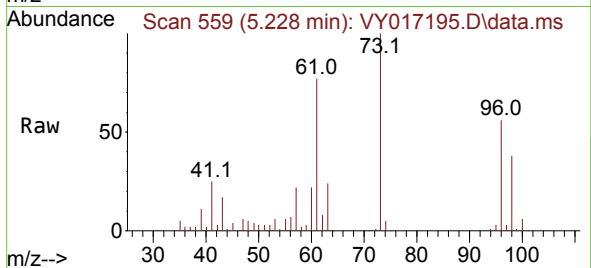
Tgt Ion: 96 Resp: 60304

Ion Ratio Lower Upper

96 100

61 138.3 104.6 156.8

98 68.6 50.9 76.3



#22

Diisopropyl ether

Concen: 47.991 ug/l

RT: 6.131 min Scan# 707

Delta R.T. 0.006 min

Lab File: VY017195.D

Acq: 02 Feb 2024 19:33

Tgt Ion: 45 Resp: 183902

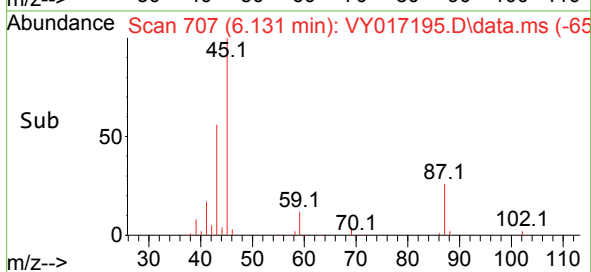
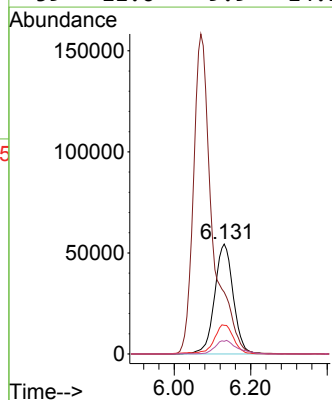
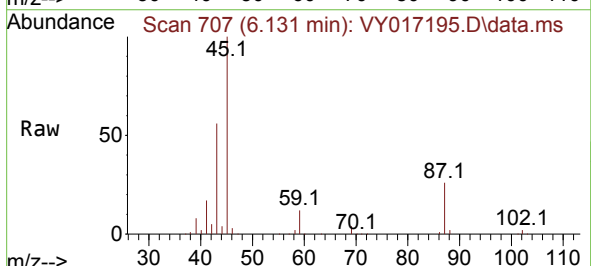
Ion Ratio Lower Upper

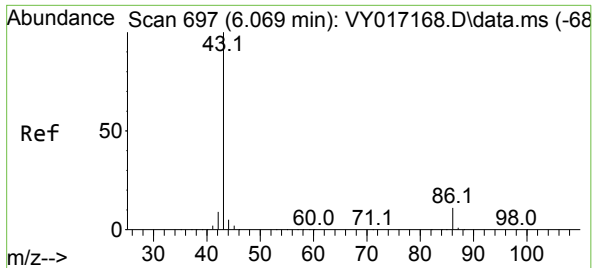
45 100

43 55.9 46.8 70.2

87 26.0 22.2 33.2

59 11.6 9.9 14.9

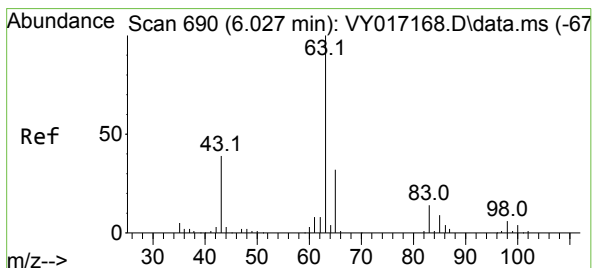
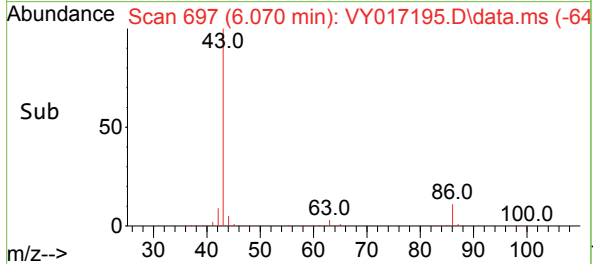
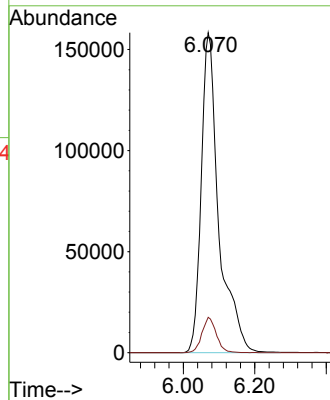
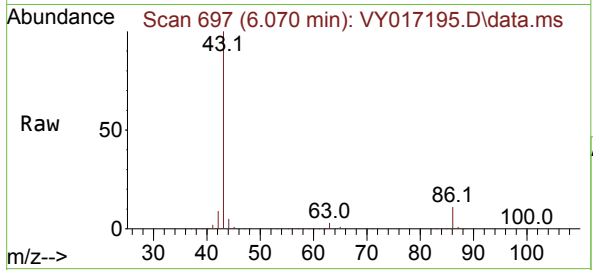




#23
 Vinyl Acetate
 Concen: 232.409 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY017195.D
 Acq: 02 Feb 2024 19:33

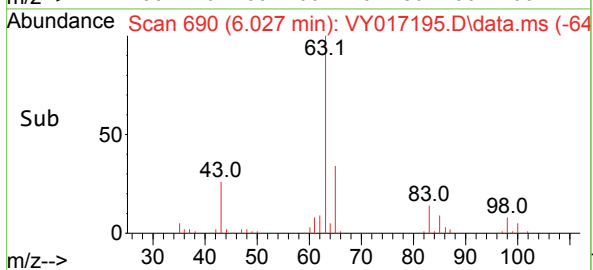
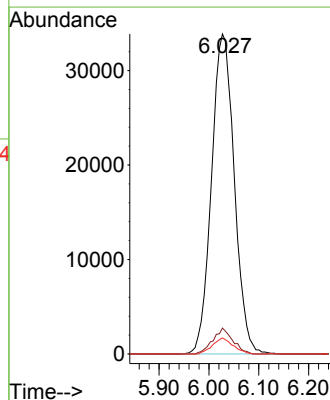
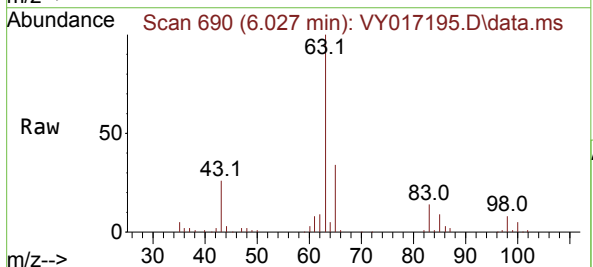
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 539624
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 45.813 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY017195.D
 Acq: 02 Feb 2024 19:33

Tgt Ion: 63 Resp: 107543
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.8 11.4
 100 5.0 2.1 6.2





#25

2-Butanone

Concen: 213.577 ug/l

RT: 6.996 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY017195.D

Acq: 02 Feb 2024 19:33

Instrument :

MSVOA_Y

ClientSampleId :

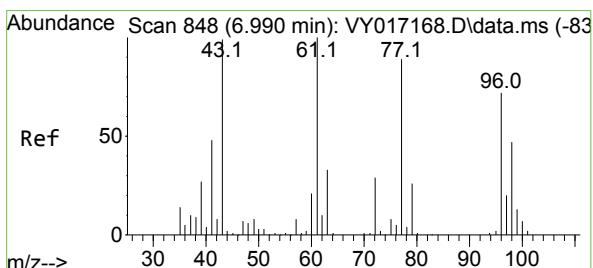
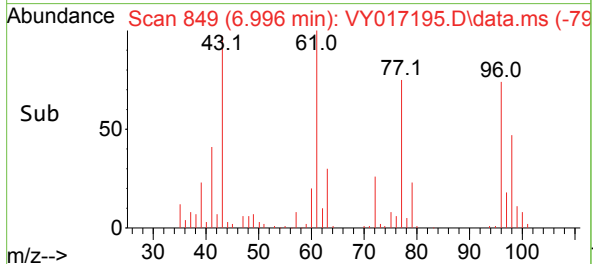
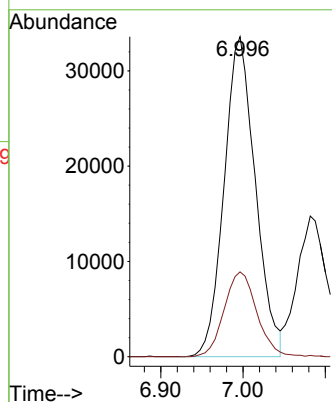
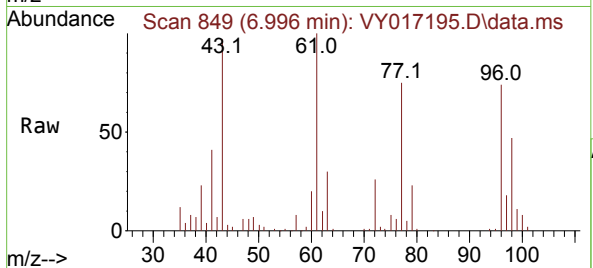
VSTDCCC050EC

Tgt Ion: 43 Resp: 88771

Ion Ratio Lower Upper

43 100

72 26.5 21.4 32.2



#26

2,2-Dichloropropane

Concen: 41.786 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY017195.D

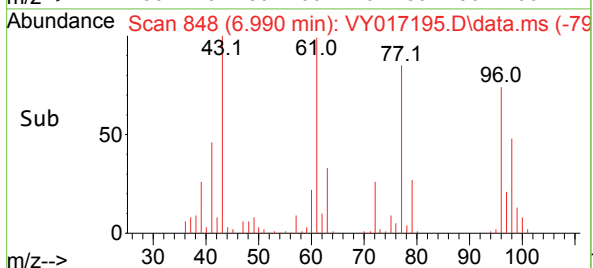
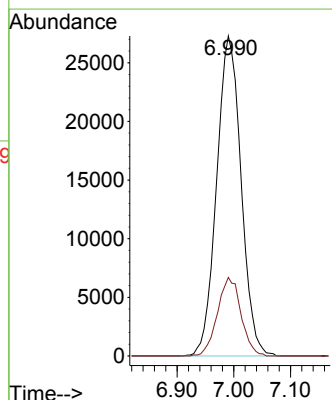
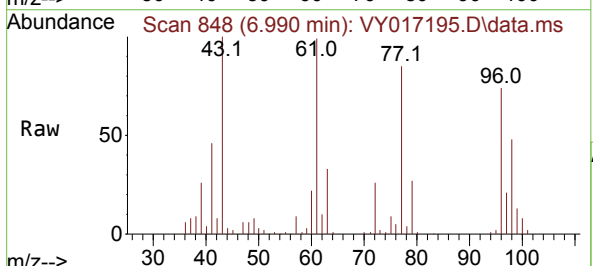
Acq: 02 Feb 2024 19:33

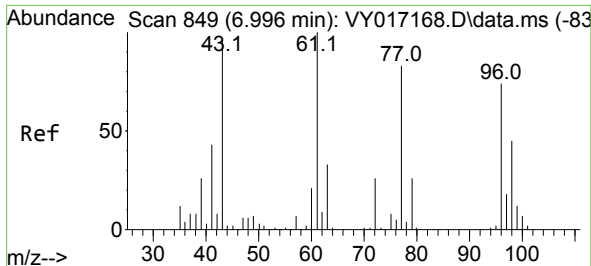
Tgt Ion: 77 Resp: 81591

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.0

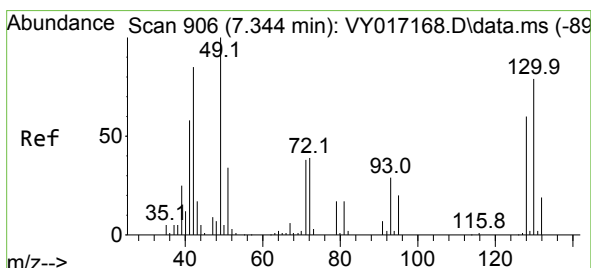
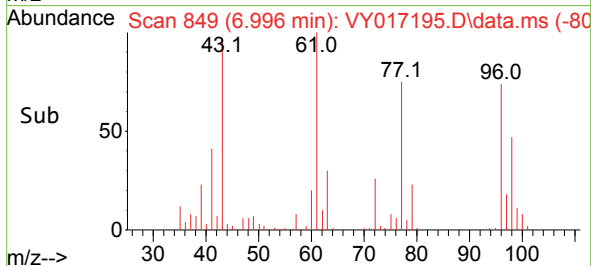
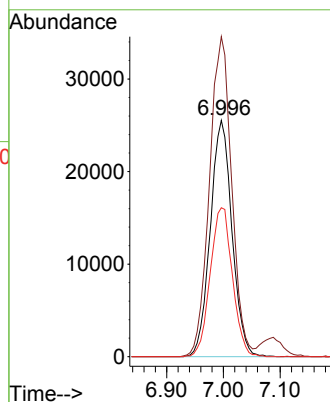
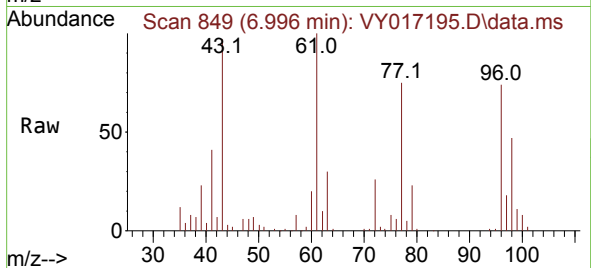




#27
 cis-1,2-Dichloroethene
 Concen: 46.245 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY017195.D
 Acq: 02 Feb 2024 19:33

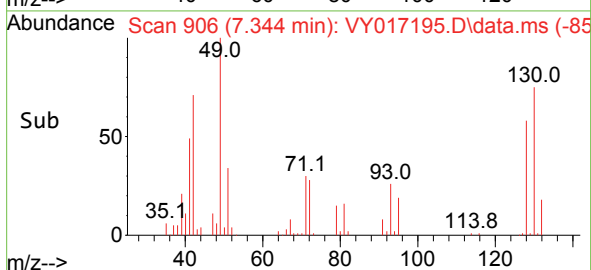
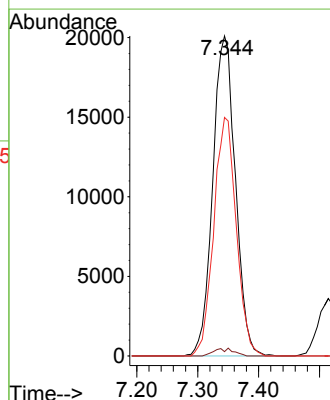
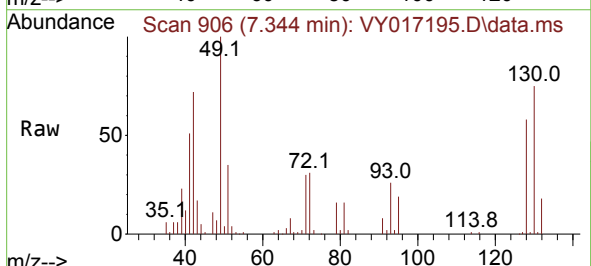
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

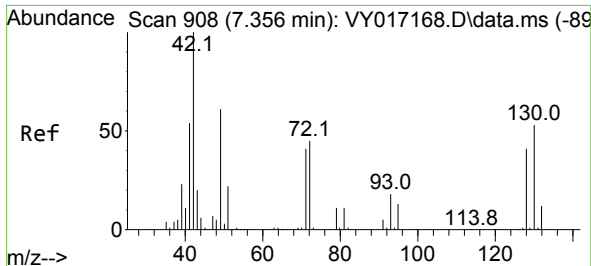
Tgt Ion:	96	Resp:	67916
Ion	Ratio	Lower	Upper
96	100		
61	138.4	0.0	278.8
98	64.4	0.0	127.0



#28
 Bromochloromethane
 Concen: 57.731 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY017195.D
 Acq: 02 Feb 2024 19:33

Tgt Ion:	49	Resp:	51890
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	74.1	59.8	89.8





#29

Tetrahydrofuran

Concen: 241.596 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY017195.D

Acq: 02 Feb 2024 19:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

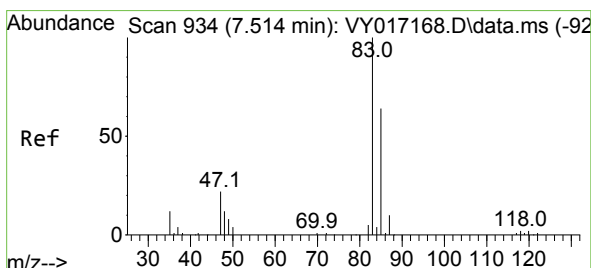
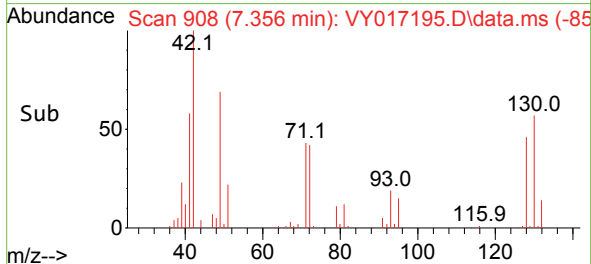
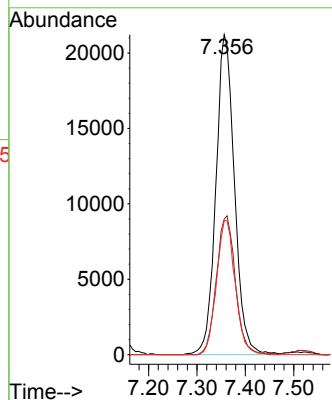
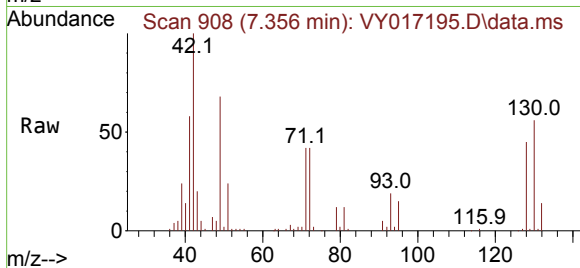
Tgt Ion: 42 Resp: 56725

Ion Ratio Lower Upper

42 100

72 44.0 36.6 54.8

71 42.2 33.8 50.6



#30

Chloroform

Concen: 46.836 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY017195.D

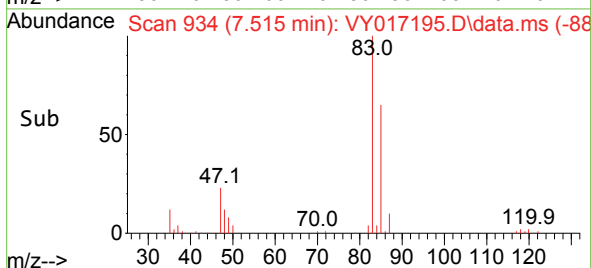
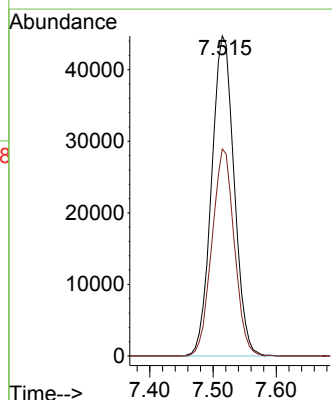
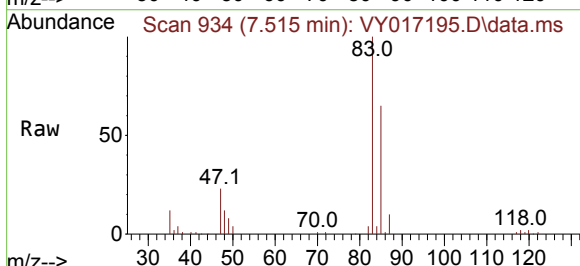
Acq: 02 Feb 2024 19:33

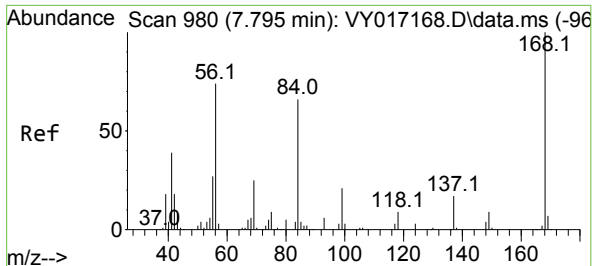
Tgt Ion: 83 Resp: 110600

Ion Ratio Lower Upper

83 100

85 64.7 51.2 76.8

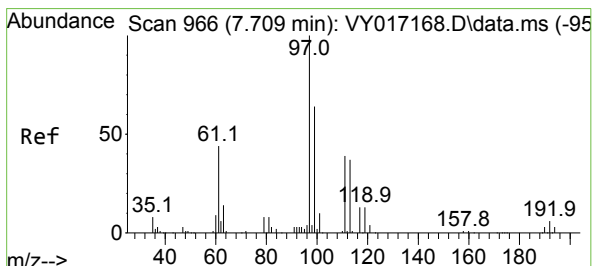
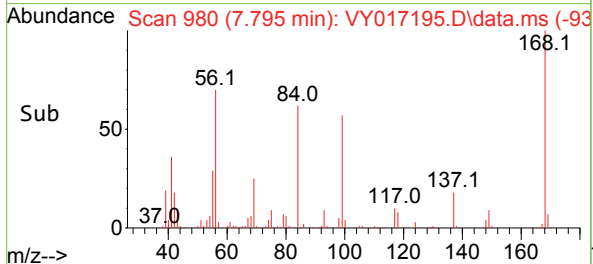
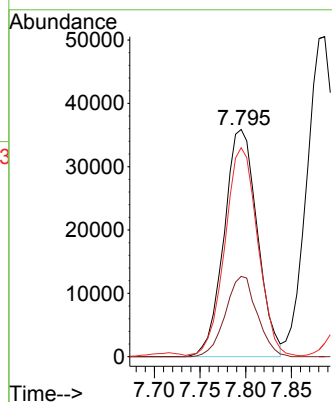
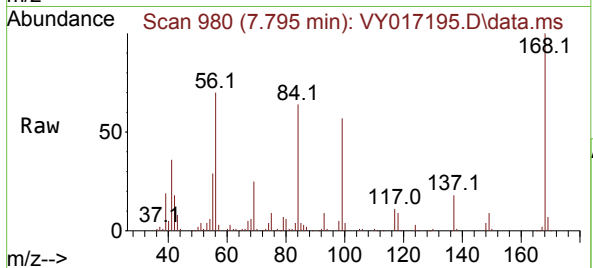




#31
Cyclohexane
Concen: 42.455 ug/l
RT: 7.795 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

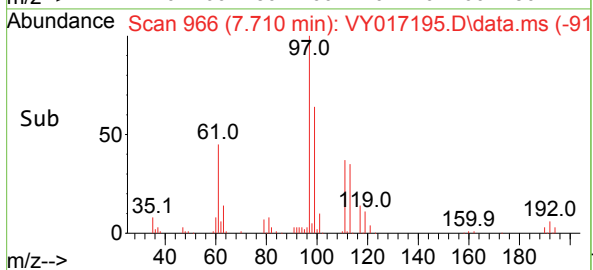
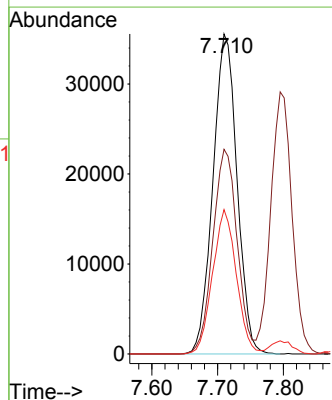
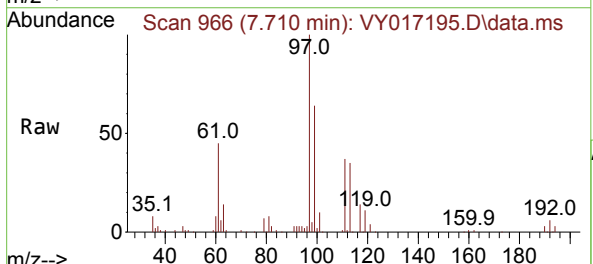
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

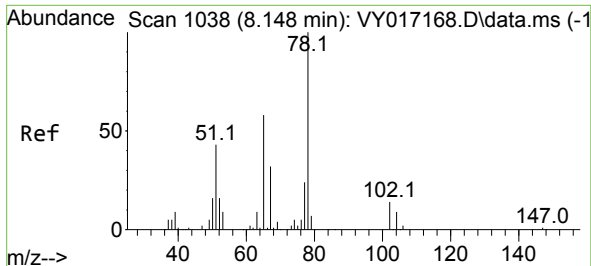
Tgt Ion: 56 Resp: 91029
Ion Ratio Lower Upper
56 100
69 35.3 27.0 40.6
84 90.8 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 44.622 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

Tgt Ion: 97 Resp: 90638
Ion Ratio Lower Upper
97 100
99 65.0 51.2 76.8
61 44.5 35.0 52.6

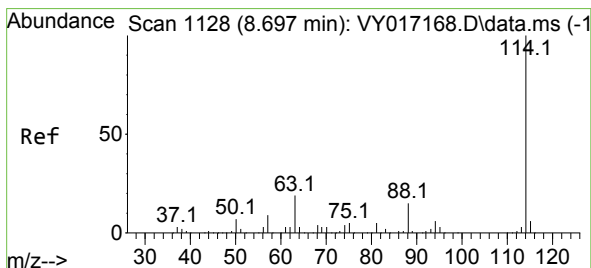
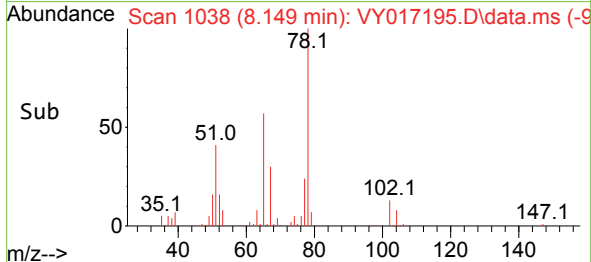
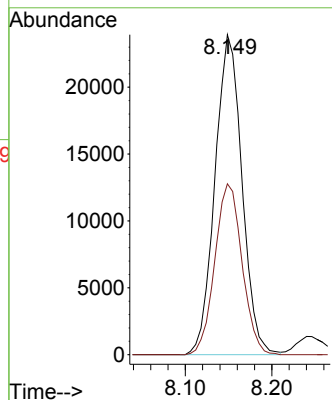
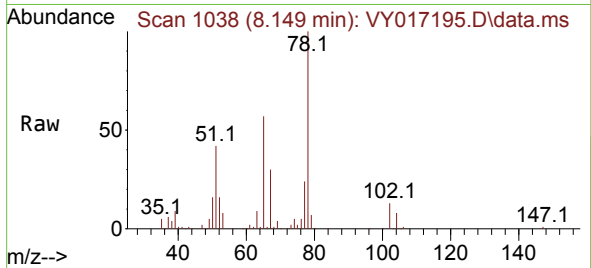




#33
1,2-Dichloroethane-d4
Concen: 48.741 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

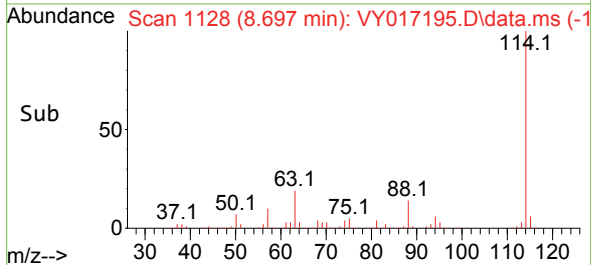
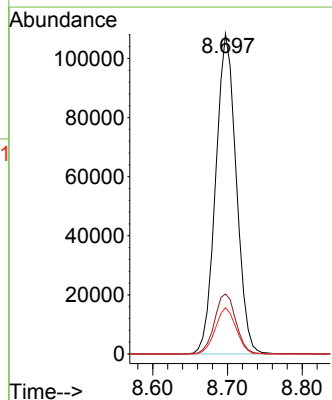
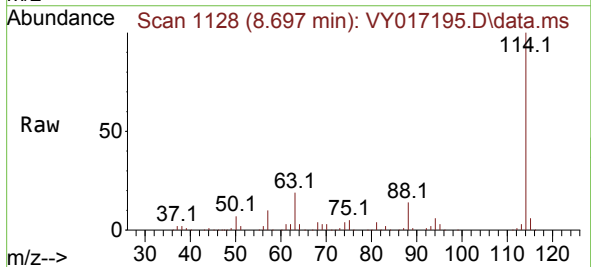
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 51849
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

Tgt Ion:114 Resp: 207002
Ion Ratio Lower Upper
114 100
63 18.7 0.0 37.4
88 14.5 0.0 29.0

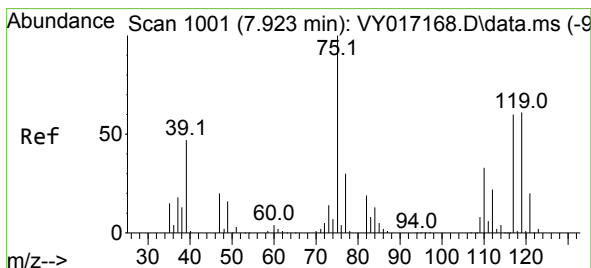
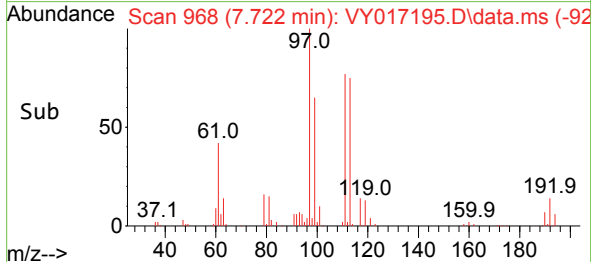
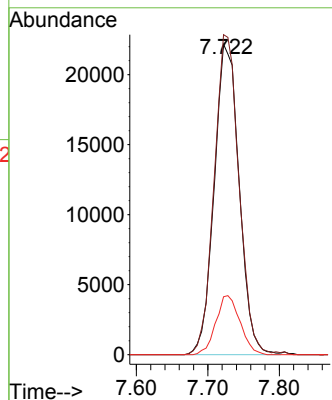
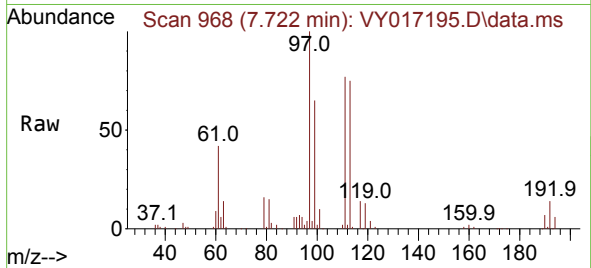




#35
Dibromofluoromethane
Concen: 48.103 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

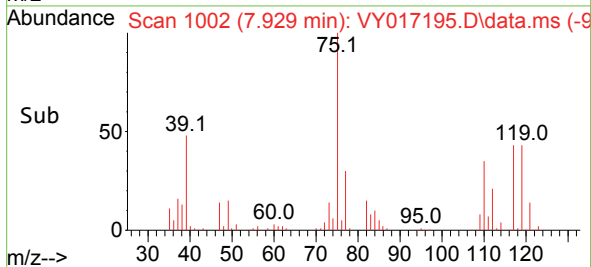
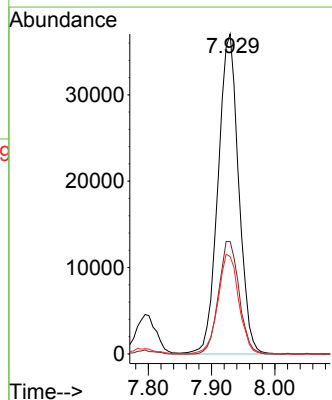
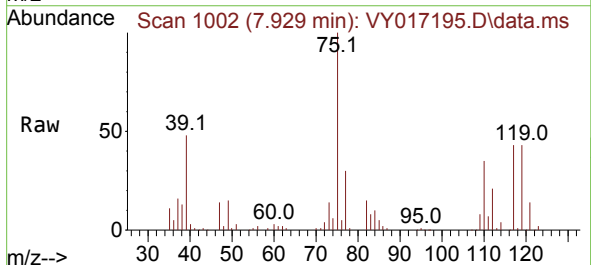
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

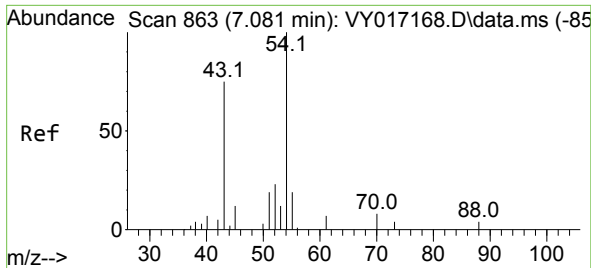
Tgt Ion:113 Resp: 53764
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.6
192 18.4 14.5 21.7



#36
1,1-Dichloropropene
Concen: 43.287 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

Tgt Ion: 75 Resp: 83455
Ion Ratio Lower Upper
75 100
110 35.0 17.4 52.3
77 31.6 24.7 37.1





#37

Ethyl Acetate

Concen: 43.083 ug/l

RT: 7.082 min Scan# 863

Delta R.T. 0.000 min

Lab File: VY017195.D

Acq: 02 Feb 2024 19:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

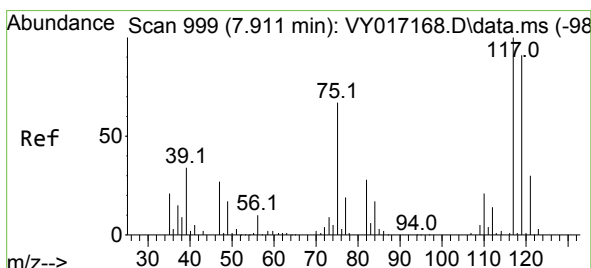
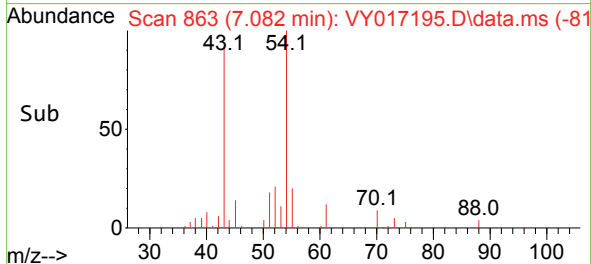
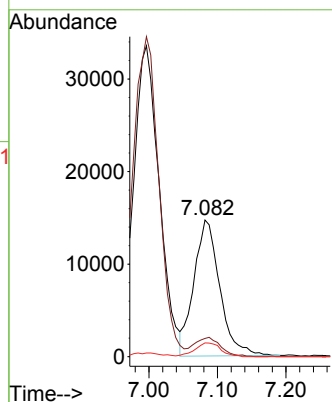
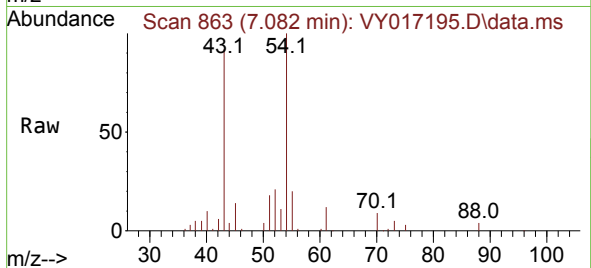
Tgt Ion: 43 Resp: 38524

Ion Ratio Lower Upper

43 100

61 14.8 11.0 16.6

70 10.1 8.1 12.1



#38

Carbon Tetrachloride

Concen: 42.826 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.000 min

Lab File: VY017195.D

Acq: 02 Feb 2024 19:33

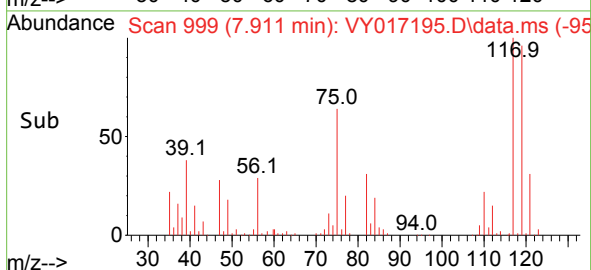
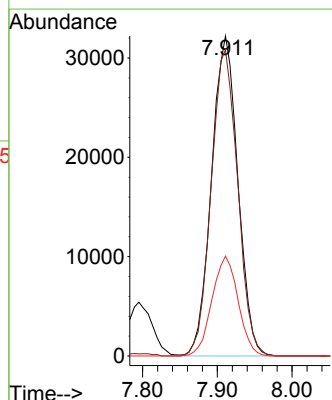
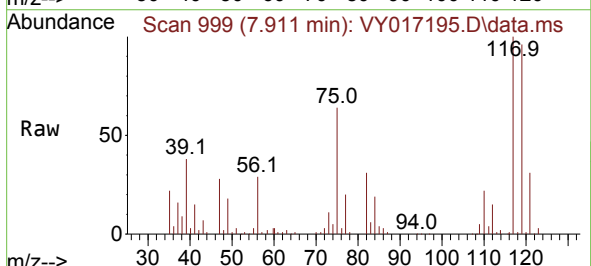
Tgt Ion: 117 Resp: 79053

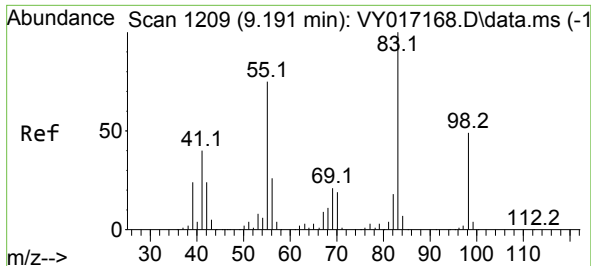
Ion Ratio Lower Upper

117 100

119 95.7 76.0 114.0

121 31.2 24.2 36.2

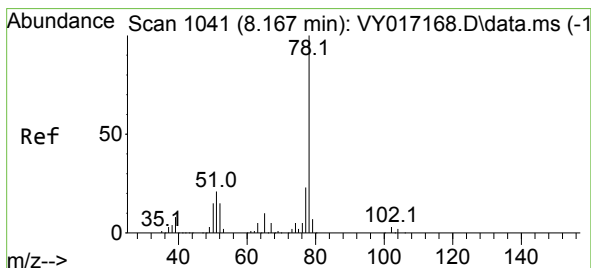
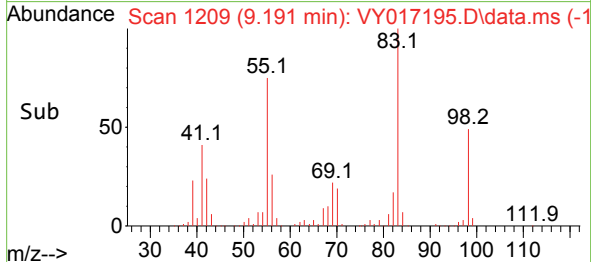
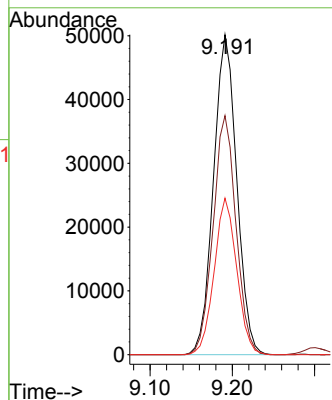
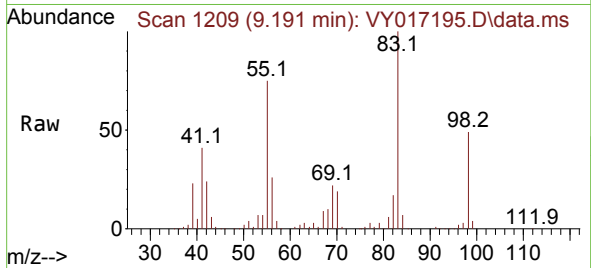




#39
Methylcyclohexane
Concen: 43.721 ug/l
RT: 9.191 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

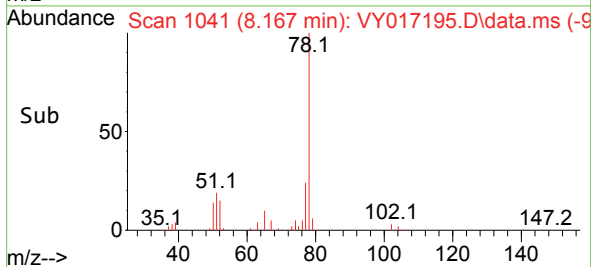
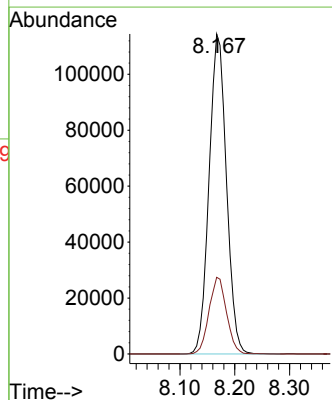
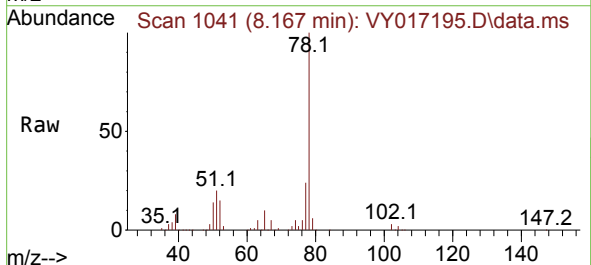
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

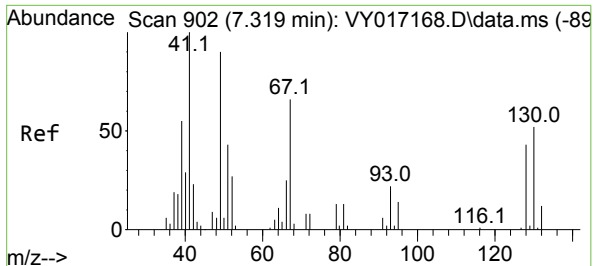
Tgt Ion: 83 Resp: 98473
Ion Ratio Lower Upper
83 100
55 74.7 59.7 89.5
98 48.9 38.0 57.0



#40
Benzene
Concen: 45.486 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

Tgt Ion: 78 Resp: 250426
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2



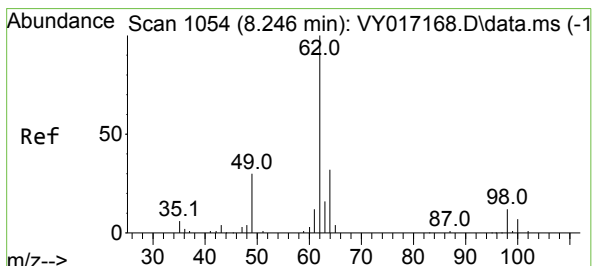
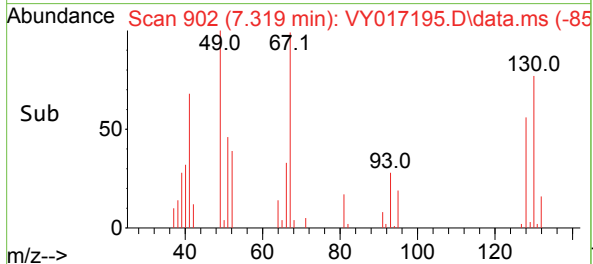
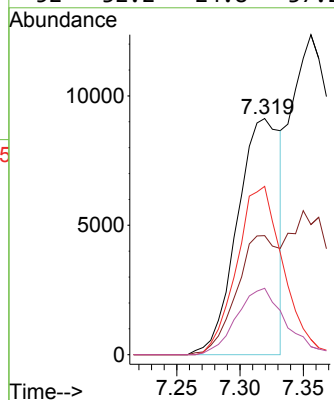
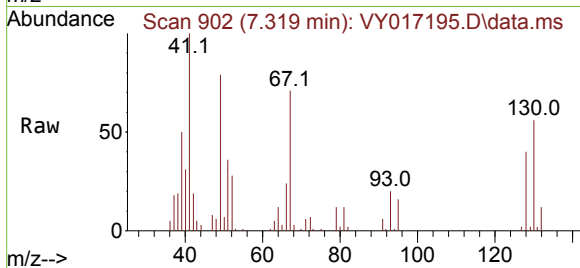


#41
Methacrylonitrile
Concen: 50.880 ug/l
RT: 7.319 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 21556

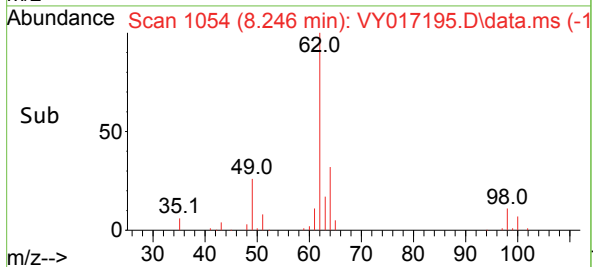
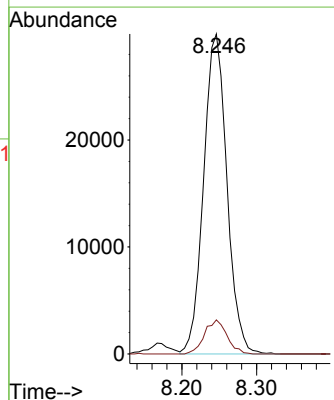
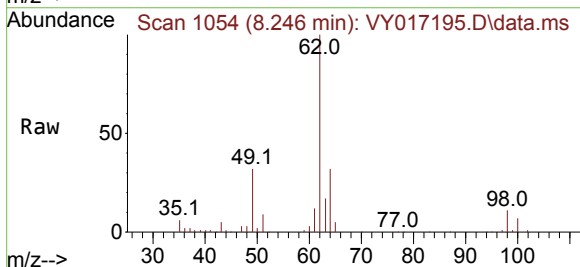
Ion	Ratio	Lower	Upper
41	100		
39	50.2	41.9	62.9
67	77.4	59.8	89.6
52	32.2	24.8	37.2

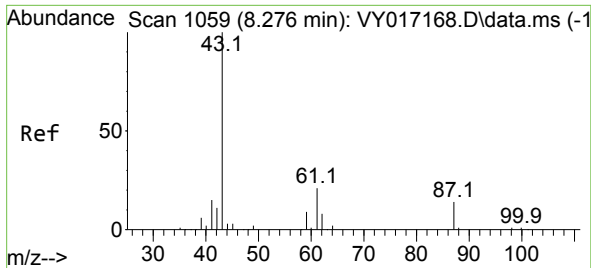


#42
1,2-Dichloroethane
Concen: 44.500 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

Tgt Ion: 62 Resp: 64867

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2

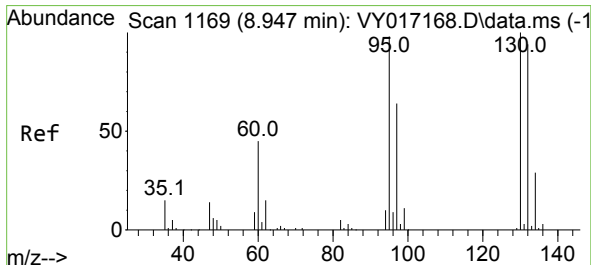
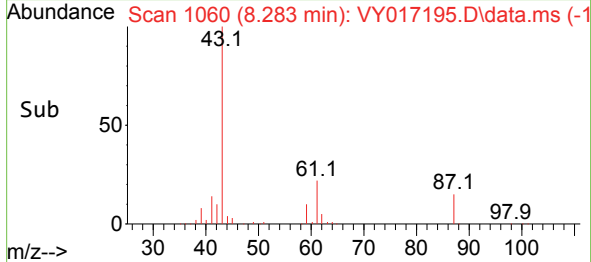
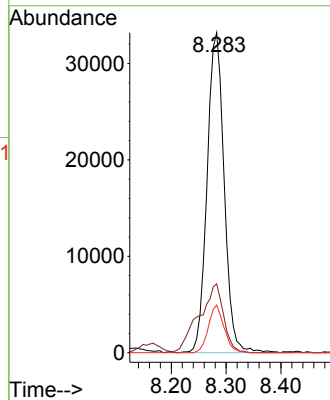
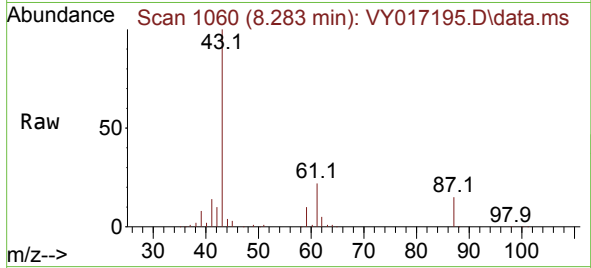




#43
Isopropyl Acetate
Concen: 45.225 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

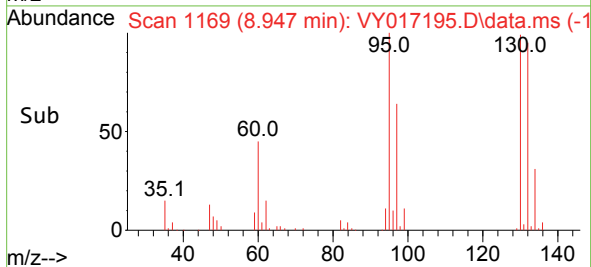
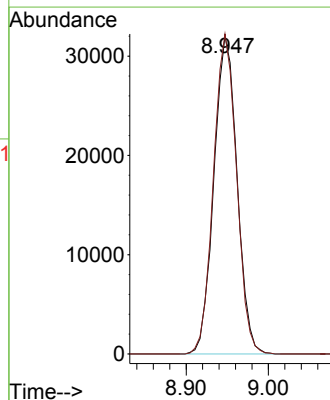
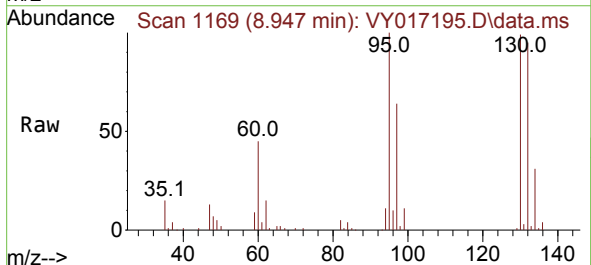
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 71586
Ion Ratio Lower Upper
43 100
61 30.9 24.8 37.2
87 13.6 10.7 16.1



#44
Trichloroethene
Concen: 44.830 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

Tgt Ion:130 Resp: 62652
Ion Ratio Lower Upper
130 100
95 100.6 0.0 203.8

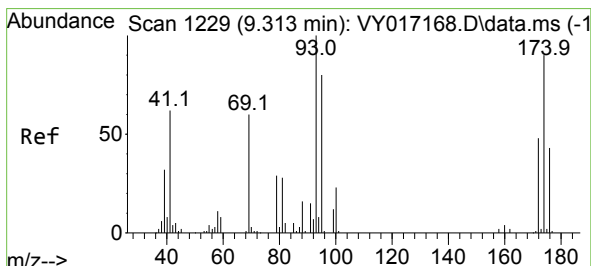
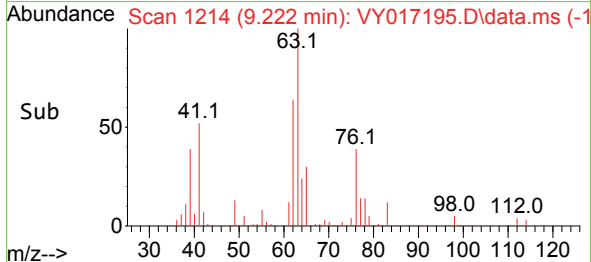
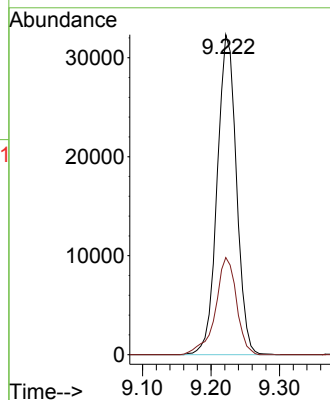
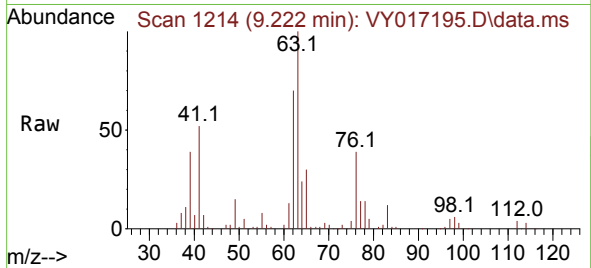




#45
1,2-Dichloropropane
Concen: 46.498 ug/l
RT: 9.222 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

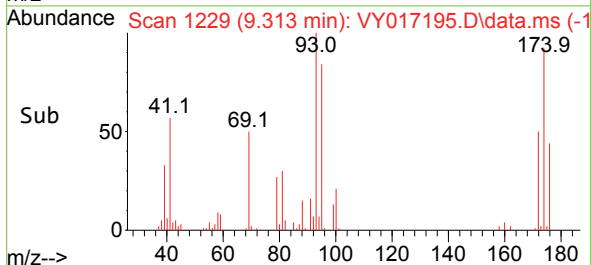
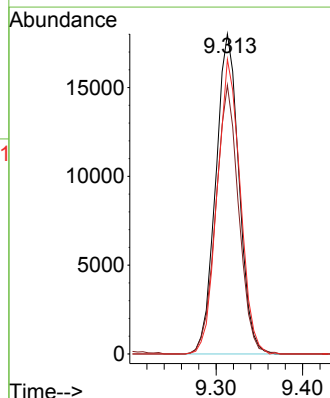
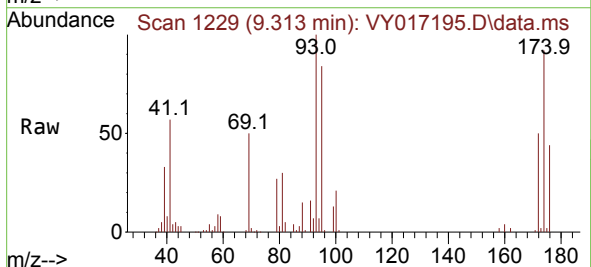
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

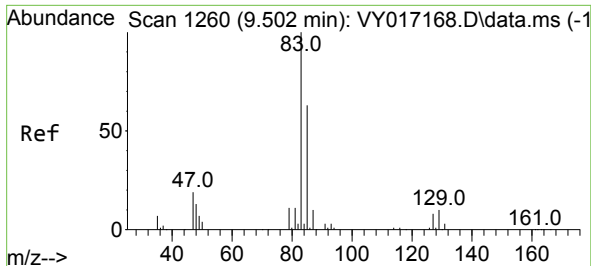
Tgt Ion: 63 Resp: 62881
Ion Ratio Lower Upper
63 100
65 30.3 24.6 36.8



#46
Dibromomethane
Concen: 45.965 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

Tgt Ion: 93 Resp: 33577
Ion Ratio Lower Upper
93 100
95 82.7 66.6 99.8
174 91.2 73.8 110.6

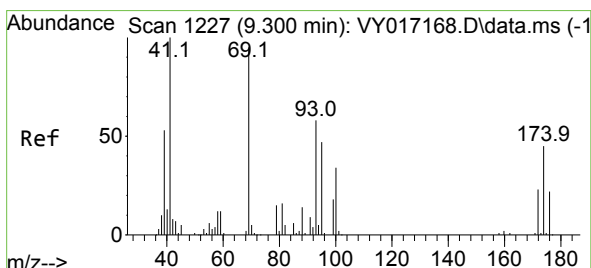
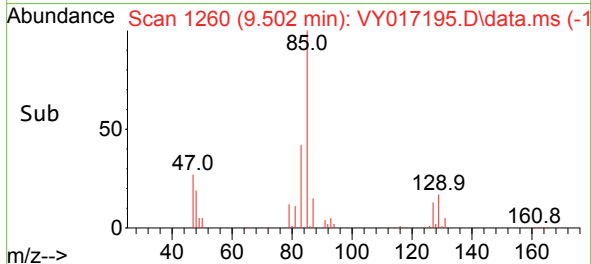
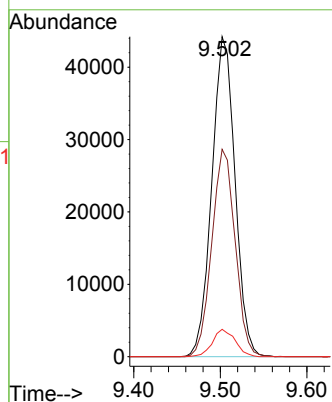
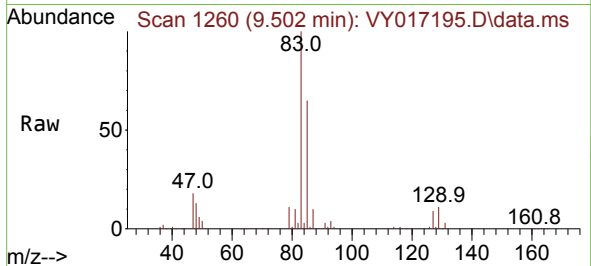




#47
Bromodichloromethane
Concen: 45.053 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

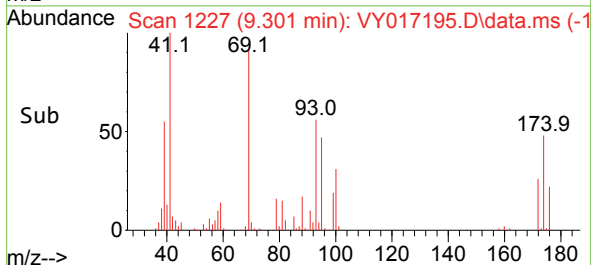
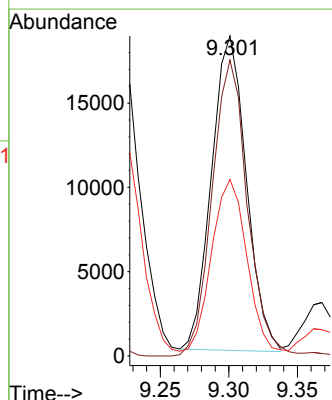
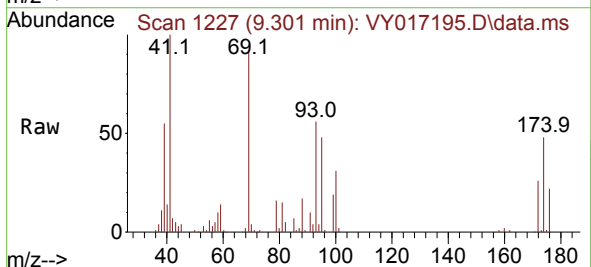
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

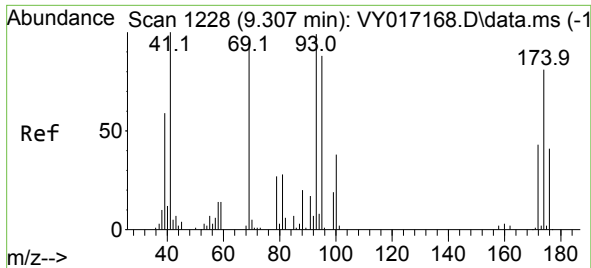
Tgt Ion: 83 Resp: 82364
Ion Ratio Lower Upper
83 100
85 64.8 53.2 79.8
127 8.5 6.4 9.6



#48
Methyl methacrylate
Concen: 44.372 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

Tgt Ion: 41 Resp: 32945
Ion Ratio Lower Upper
41 100
69 96.0 72.1 108.1
39 55.4 42.8 64.2





#49

1,4-Dioxane

Concen: 952.202 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY017195.D

Acq: 02 Feb 2024 19:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

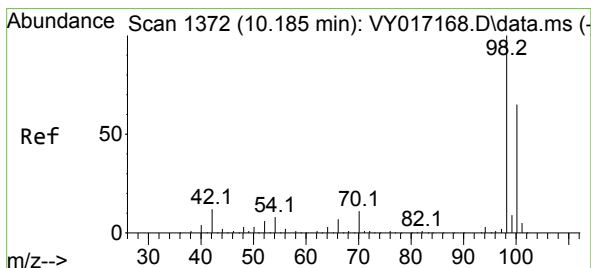
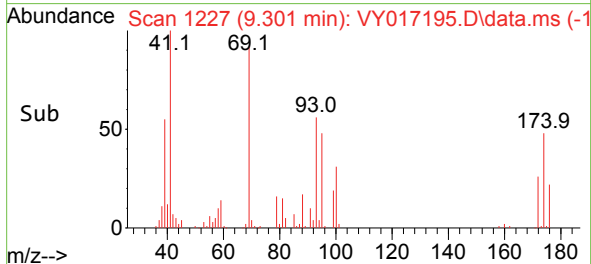
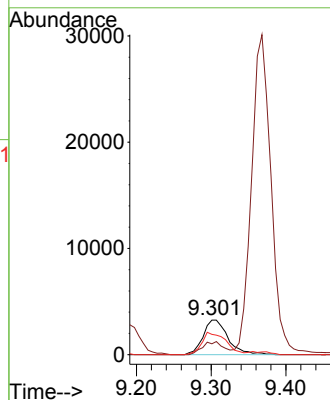
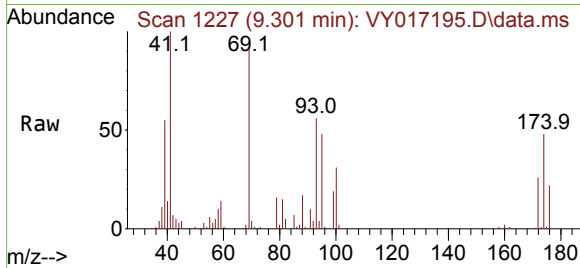
Tgt Ion: 88 Resp: 7571

Ion Ratio Lower Upper

88 100

43 31.8 28.2 42.4

58 62.2 52.2 78.2



#50

Toluene-d8

Concen: 48.632 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017195.D

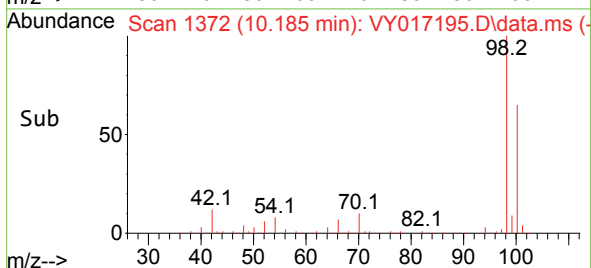
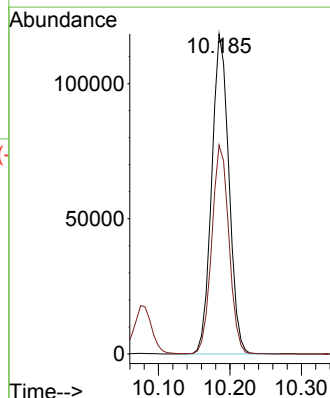
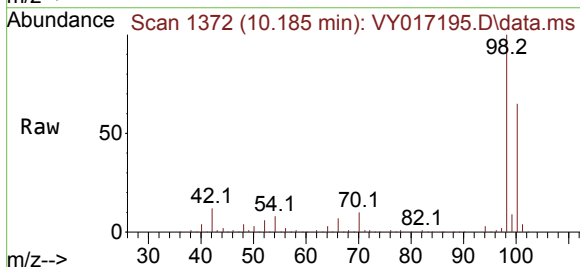
Acq: 02 Feb 2024 19:33

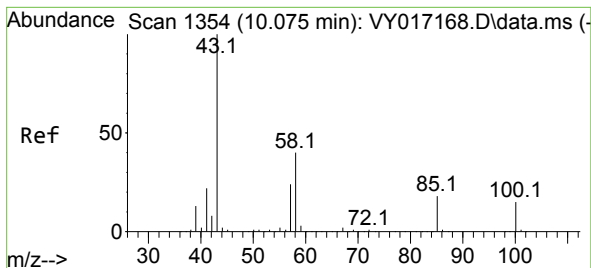
Tgt Ion: 98 Resp: 197900

Ion Ratio Lower Upper

98 100

100 65.2 52.3 78.5

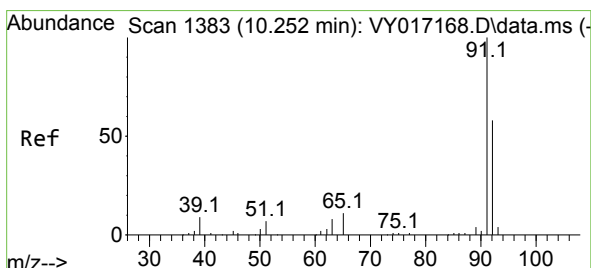
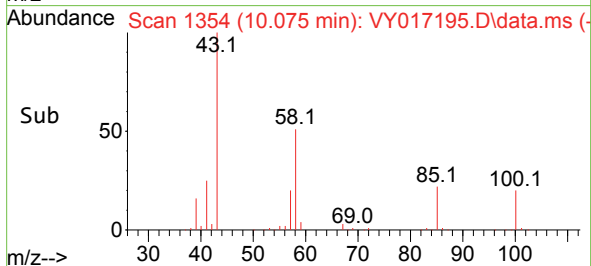
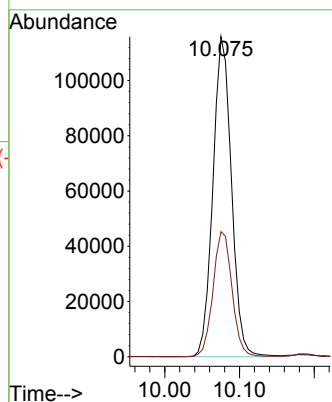
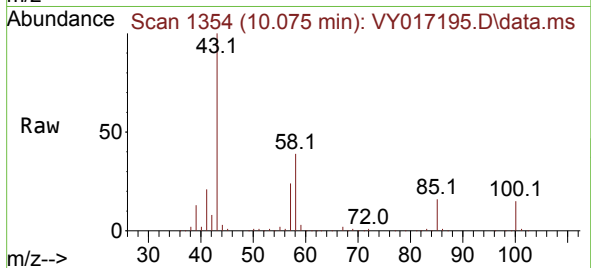




#51
4-Methyl-2-Pentanone
Concen: 235.457 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

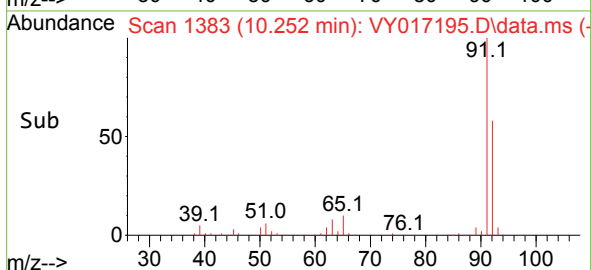
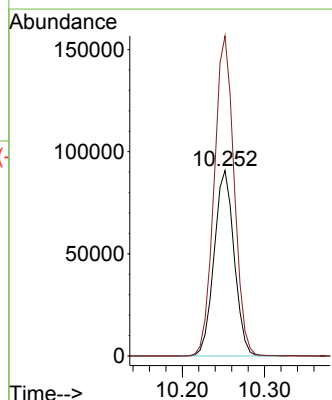
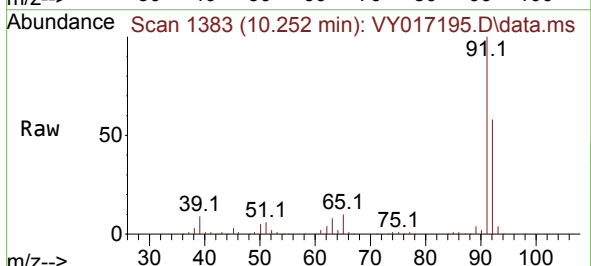
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

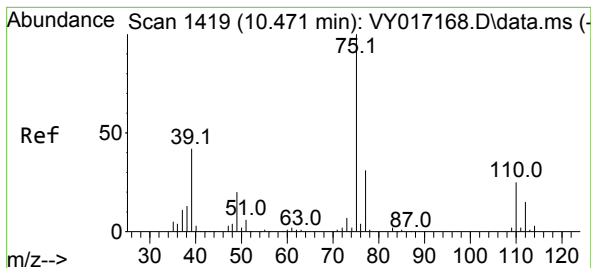
Tgt Ion: 43 Resp: 199788
Ion Ratio Lower Upper
43 100
58 40.0 32.2 48.2



#52
Toluene
Concen: 46.201 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

Tgt Ion: 92 Resp: 153535
Ion Ratio Lower Upper
92 100
91 172.2 137.6 206.4

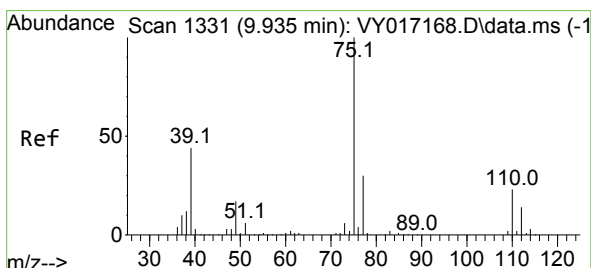
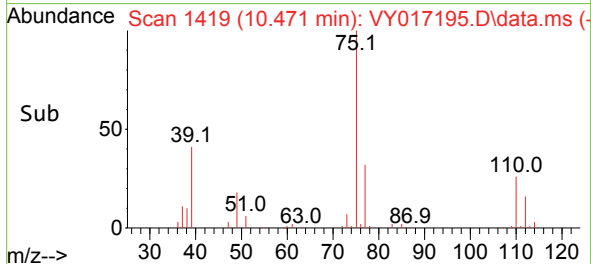
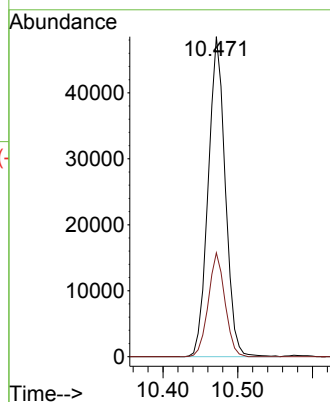
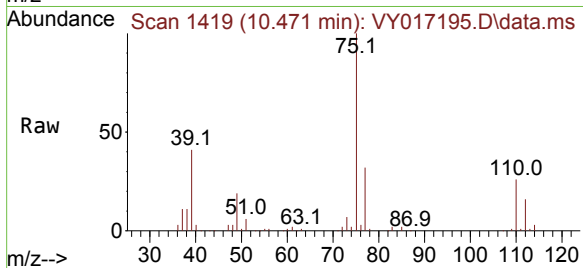




#53
t-1,3-Dichloropropene
Concen: 44.753 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

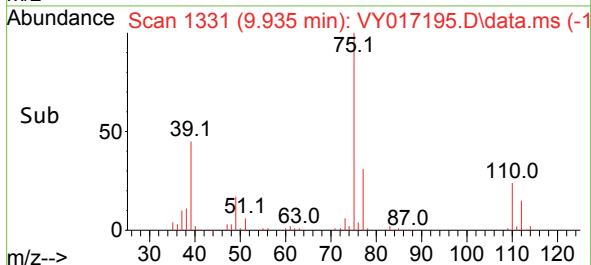
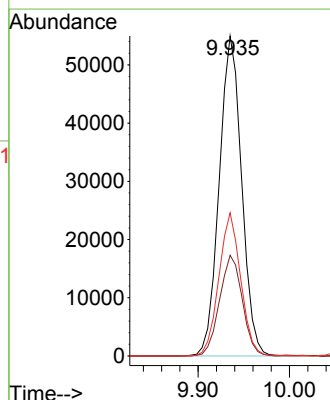
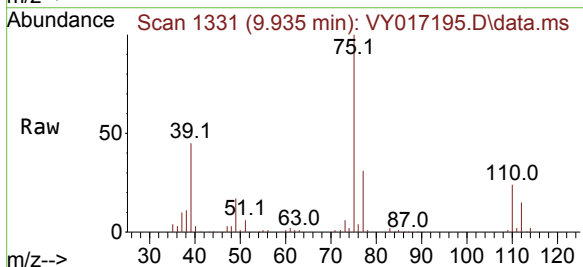
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

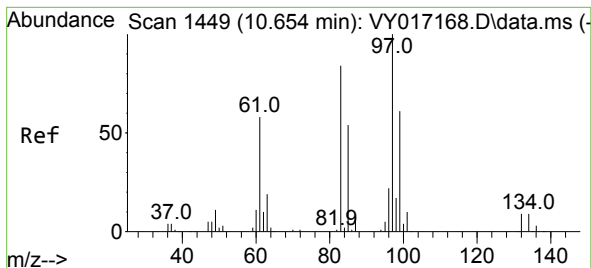
Tgt Ion: 75 Resp: 76850
Ion Ratio Lower Upper
75 100
77 32.4 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 45.551 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

Tgt Ion: 75 Resp: 93690
Ion Ratio Lower Upper
75 100
77 31.5 24.6 36.8
39 44.8 33.6 50.4



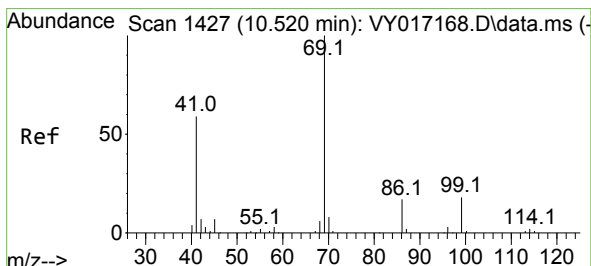
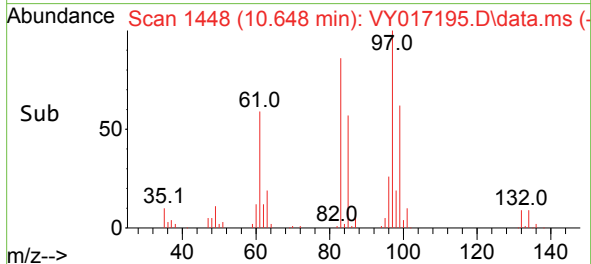
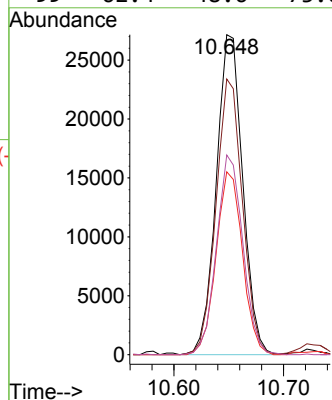
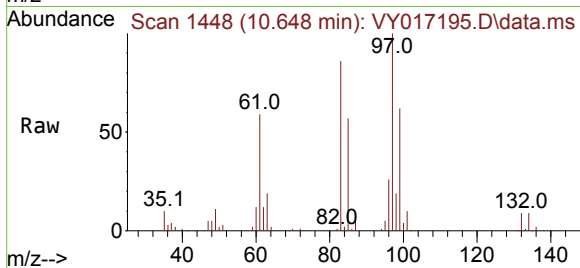


#55
1,1,2-Trichloroethane
Concen: 45.894 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 45613

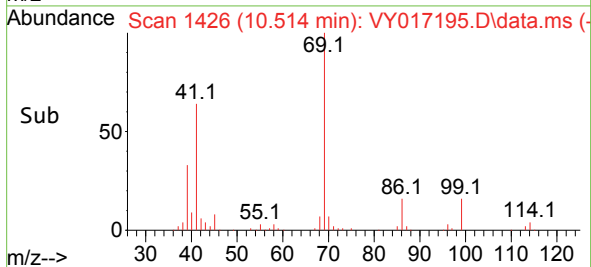
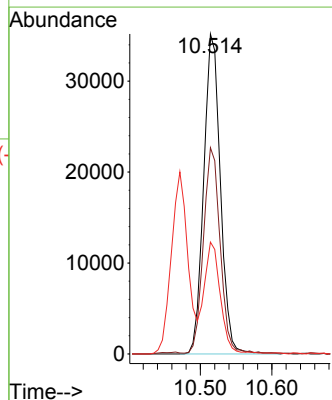
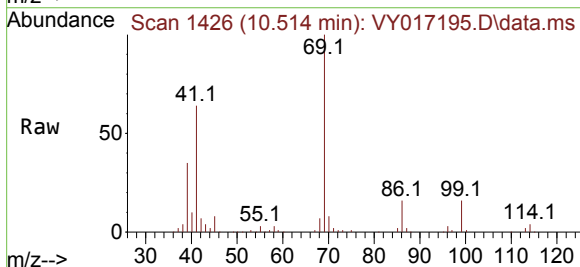
Ion	Ratio	Lower	Upper
97	100		
83	86.2	69.4	104.2
85	57.1	43.9	65.9
99	62.4	48.6	73.0

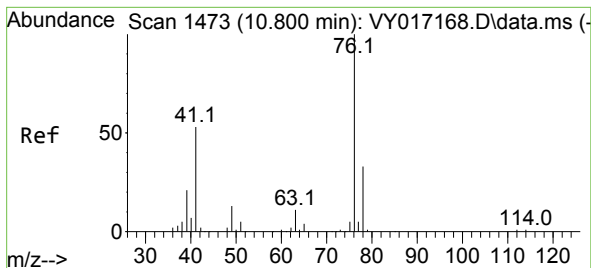


#56
Ethyl methacrylate
Concen: 43.153 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

Tgt Ion: 69 Resp: 57119

Ion	Ratio	Lower	Upper
69	100		
41	65.5	49.2	73.8
39	33.4	26.8	40.2





#57

1,3-Dichloropropane

Concen: 46.549 ug/l

RT: 10.794 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY017195.D

Acq: 02 Feb 2024 19:33

Instrument :

MSVOA_Y

ClientSampleId :

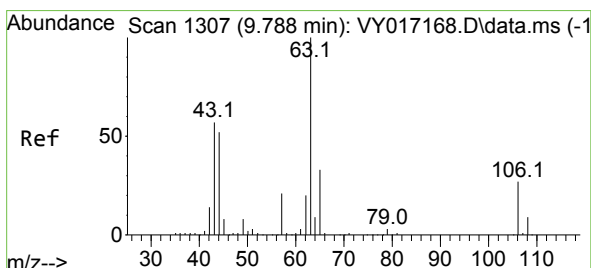
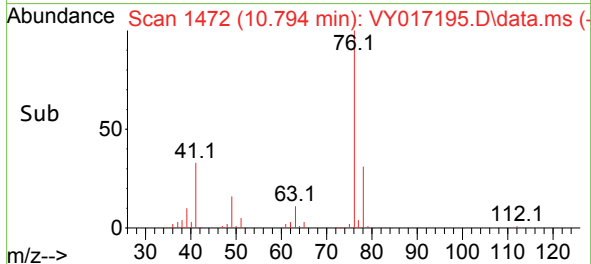
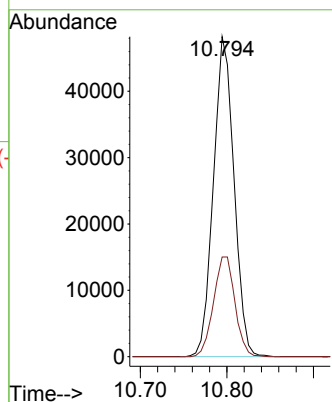
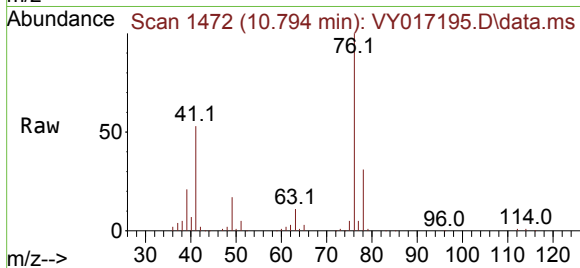
VSTDCCC050EC

Tgt Ion: 76 Resp: 79574

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 258.177 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY017195.D

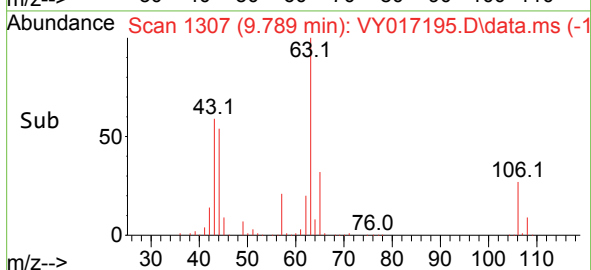
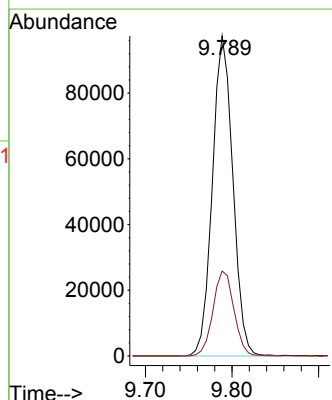
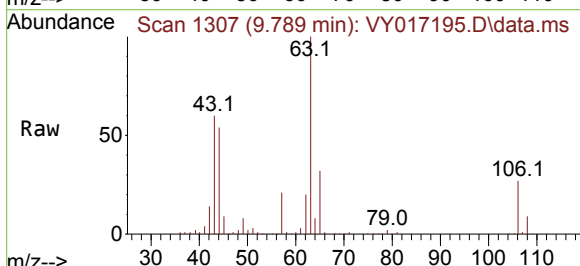
Acq: 02 Feb 2024 19:33

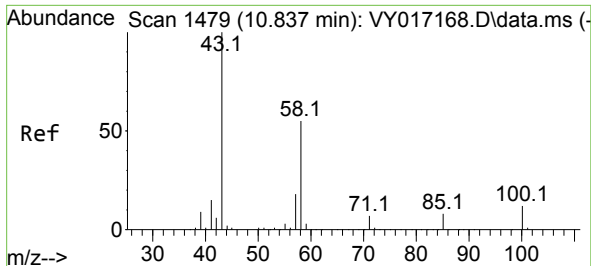
Tgt Ion: 63 Resp: 159856

Ion Ratio Lower Upper

63 100

106 27.0 22.4 33.6

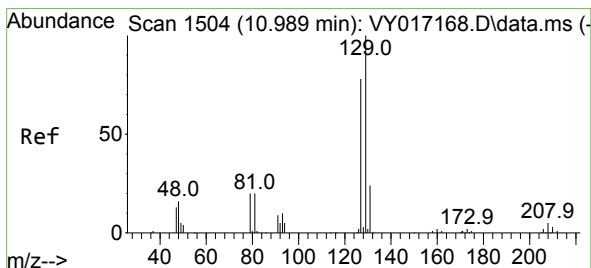
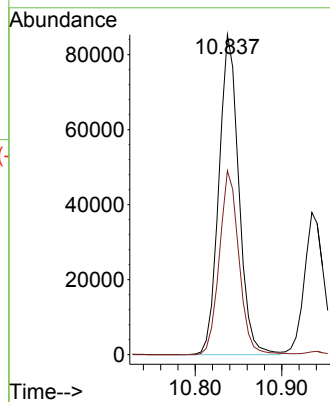
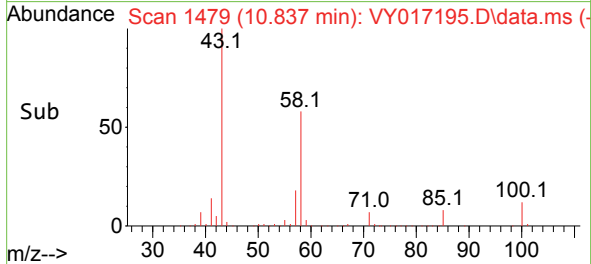
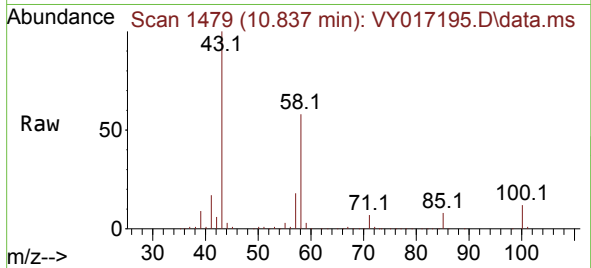




#59
2-Hexanone
Concen: 222.057 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

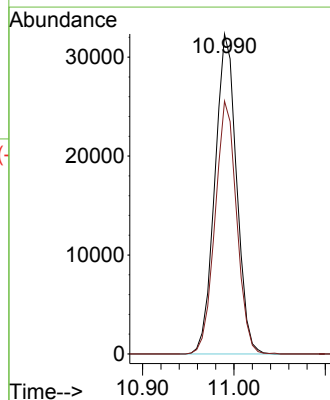
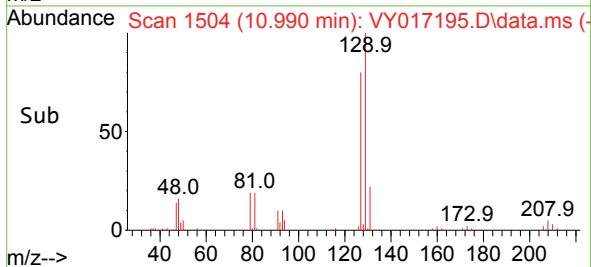
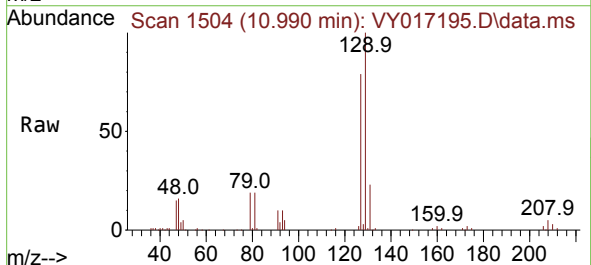
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

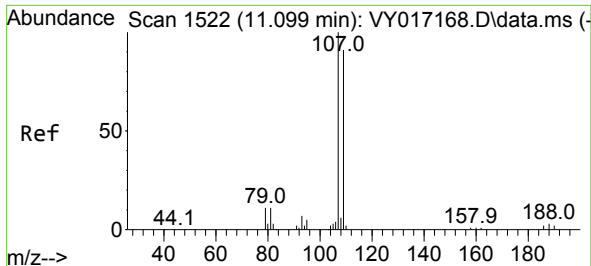
Tgt Ion: 43 Resp: 136246
Ion Ratio Lower Upper
43 100
58 56.5 28.1 84.3



#60
Dibromochloromethane
Concen: 45.650 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

Tgt Ion:129 Resp: 53226
Ion Ratio Lower Upper
129 100
127 78.7 39.2 117.6

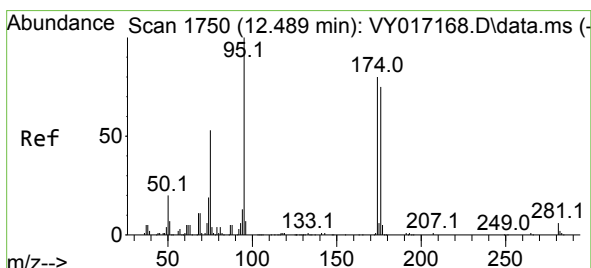
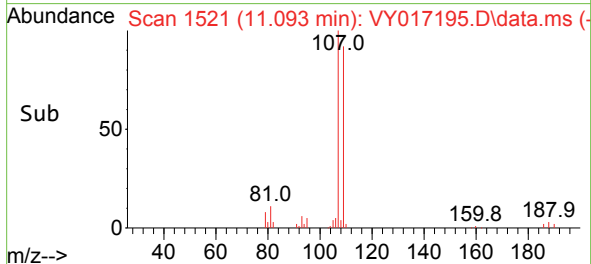
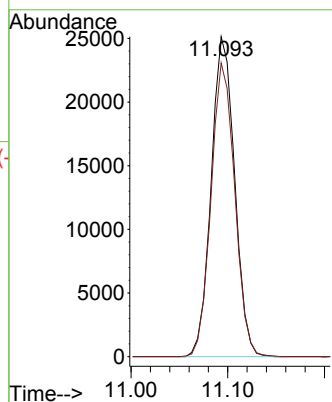
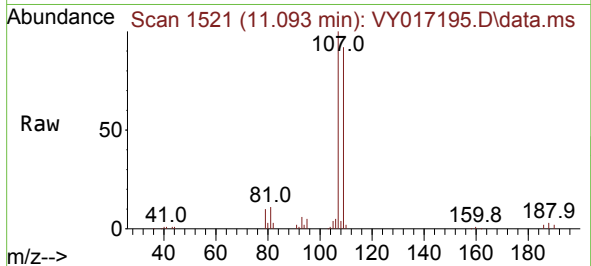




#61
1,2-Dibromoethane
Concen: 45.714 ug/l
RT: 11.093 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

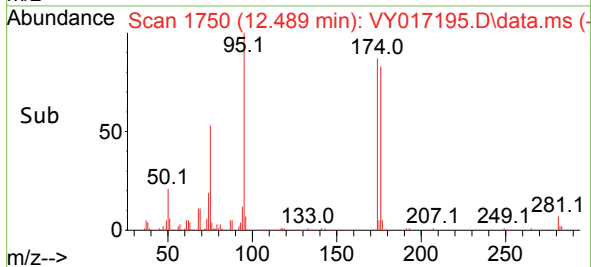
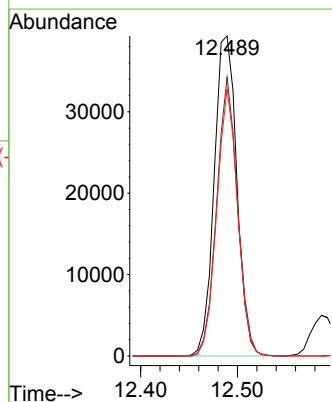
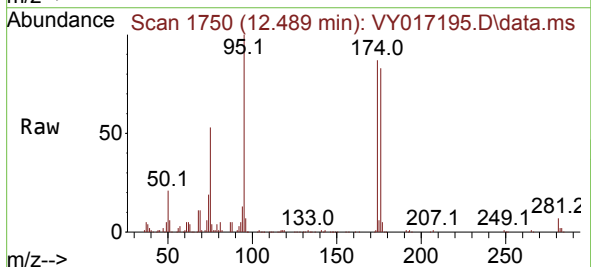
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

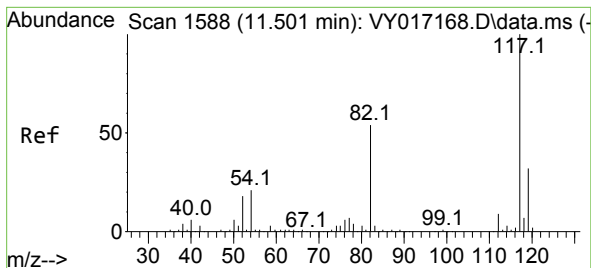
Tgt Ion:107 Resp: 42256
Ion Ratio Lower Upper
107 100
109 92.8 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 47.855 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

Tgt Ion: 95 Resp: 63794
Ion Ratio Lower Upper
95 100
174 80.3 0.0 160.0
176 76.8 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017195.D

Acq: 02 Feb 2024 19:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

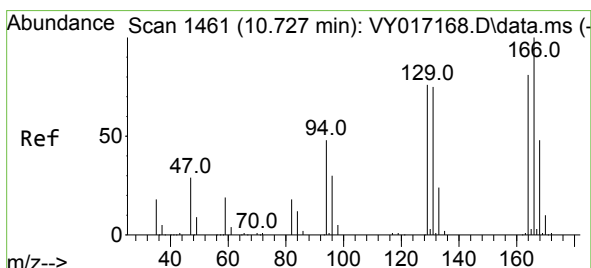
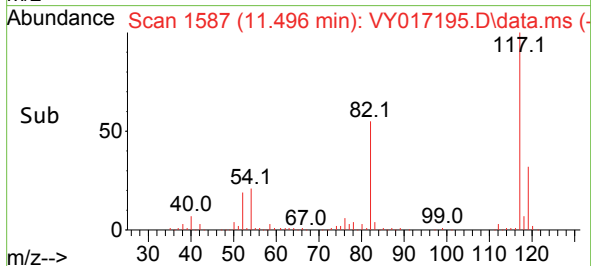
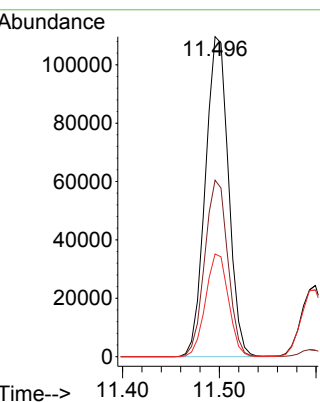
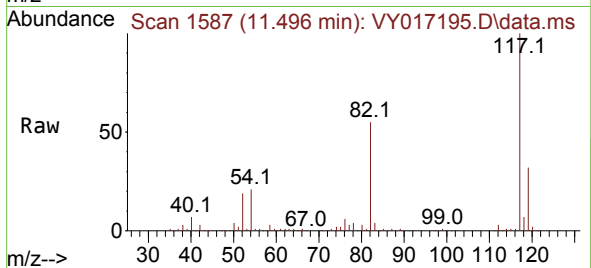
Tgt Ion:117 Resp: 181839

Ion Ratio Lower Upper

117 100

82 55.2 43.8 65.8

119 32.1 26.5 39.7



#64

Tetrachloroethene

Concen: 45.154 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VY017195.D

Acq: 02 Feb 2024 19:33

Tgt Ion:164 Resp: 53325

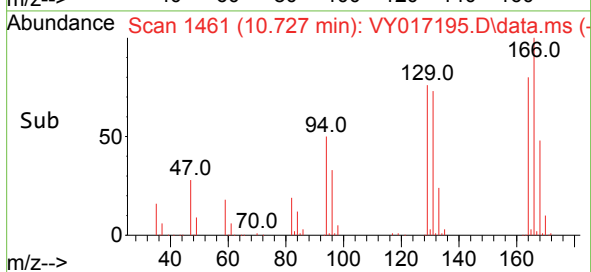
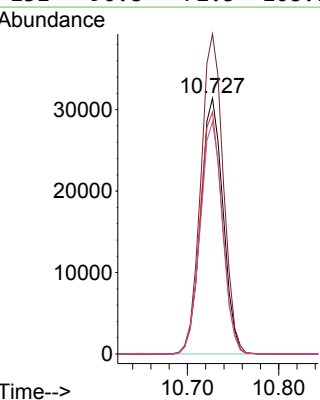
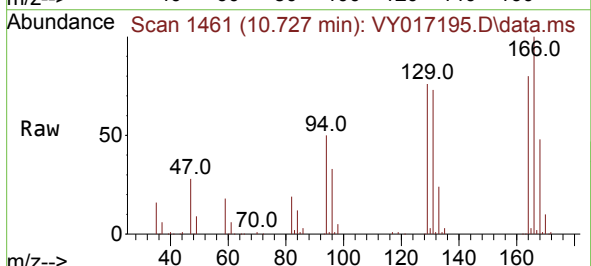
Ion Ratio Lower Upper

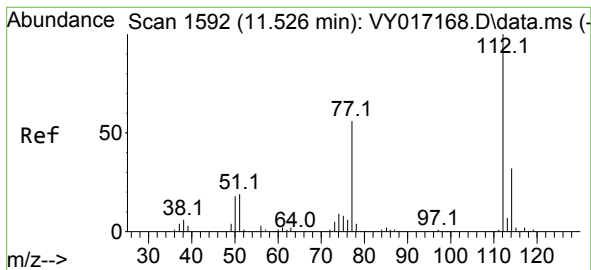
164 100

166 125.1 98.8 148.2

129 94.6 78.9 118.3

131 90.8 72.5 108.7

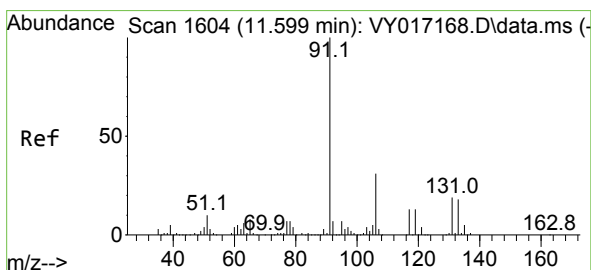
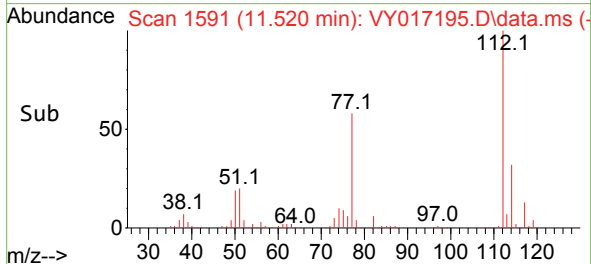
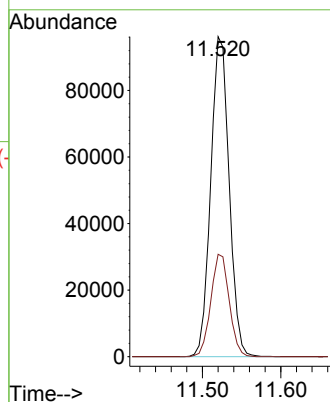
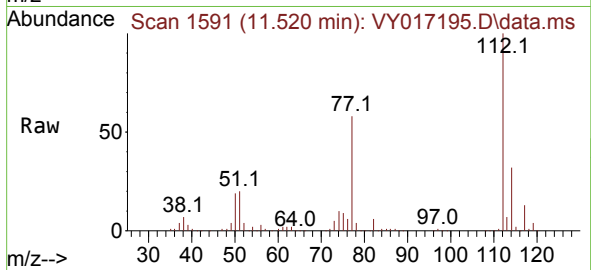




#65
Chlorobenzene
Concen: 44.655 ug/l
RT: 11.520 min Scan# 11591
Delta R.T. -0.006 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

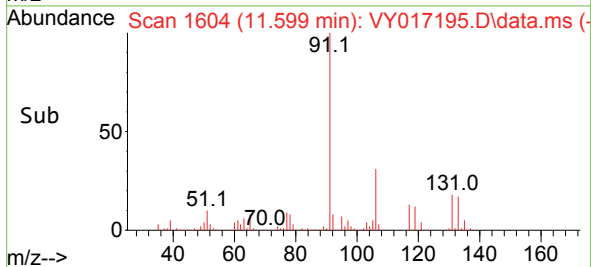
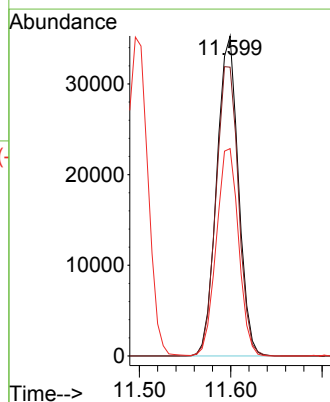
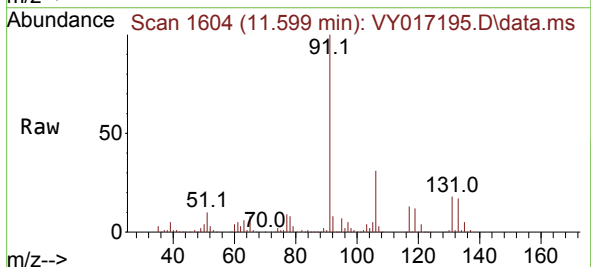
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

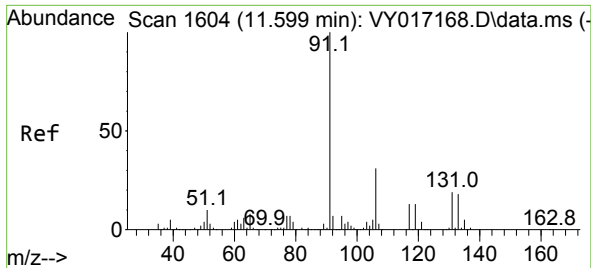
Tgt Ion:112 Resp: 156642
Ion Ratio Lower Upper
112 100
114 32.0 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 45.631 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

Tgt Ion:131 Resp: 58170
Ion Ratio Lower Upper
131 100
133 93.7 47.0 141.0
119 66.7 33.3 99.9

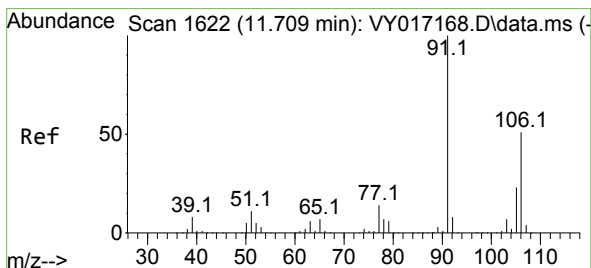
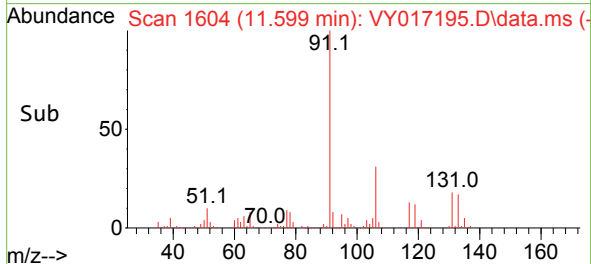
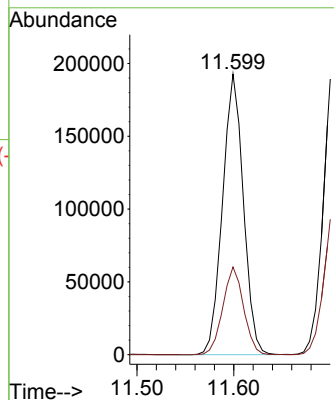
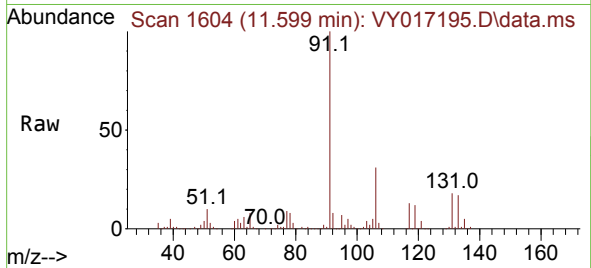




#67
Ethyl Benzene
Concen: 45.410 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

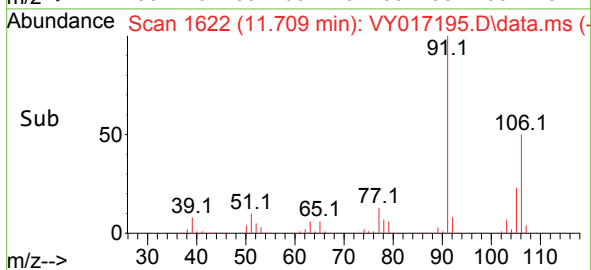
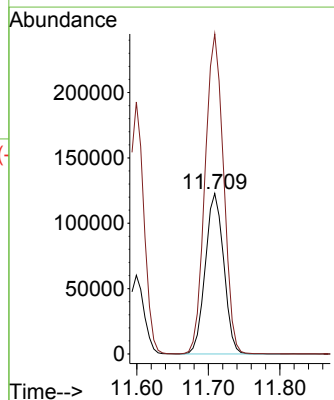
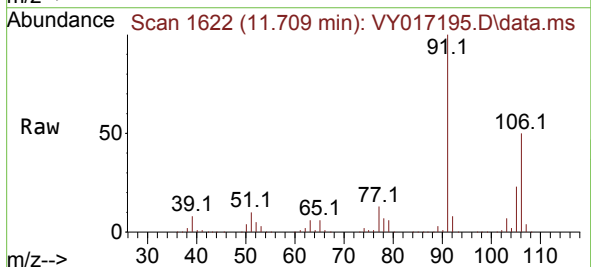
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

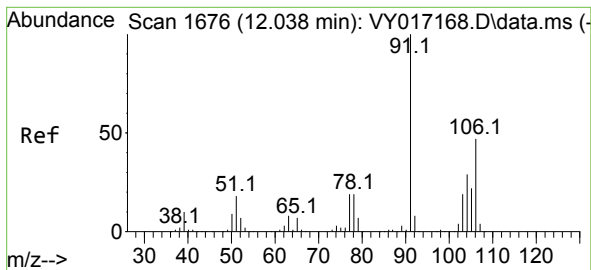
Tgt Ion: 91 Resp: 287886
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.4



#68
m/p-Xylenes
Concen: 91.276 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

Tgt Ion: 106 Resp: 219598
Ion Ratio Lower Upper
106 100
91 200.4 160.7 241.1





#69

o-Xylene

Concen: 46.118 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017195.D

Acq: 02 Feb 2024 19:33

Instrument :

MSVOA_Y

ClientSampleId :

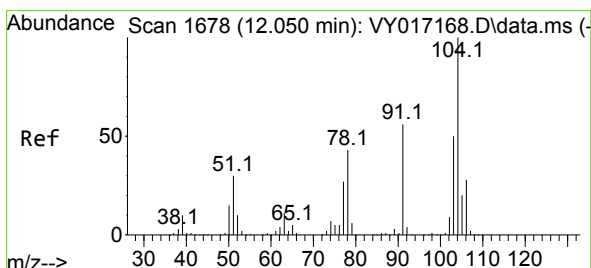
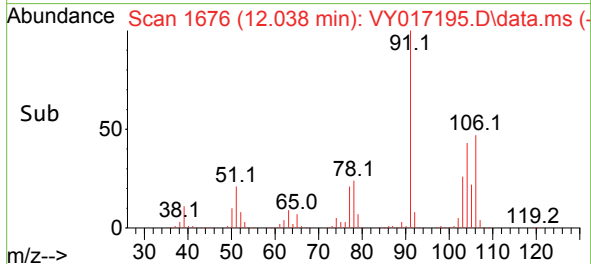
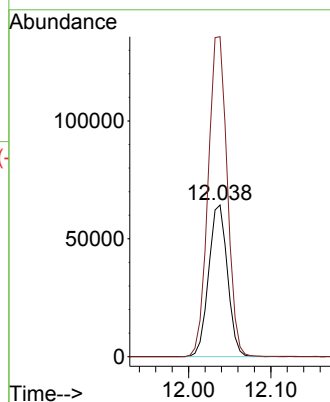
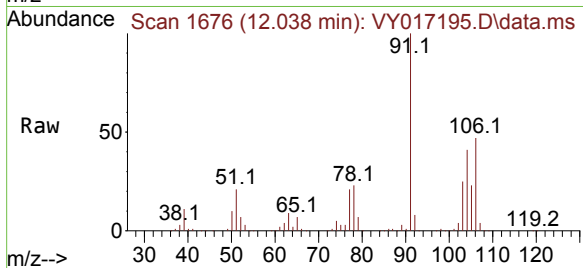
VSTDCCC050EC

Tgt Ion:106 Resp: 102177

Ion Ratio Lower Upper

106 100

91 214.4 106.5 319.5



#70

Styrene

Concen: 47.904 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017195.D

Acq: 02 Feb 2024 19:33

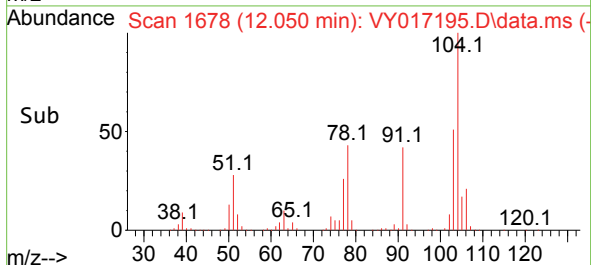
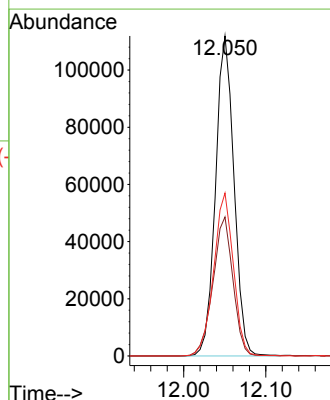
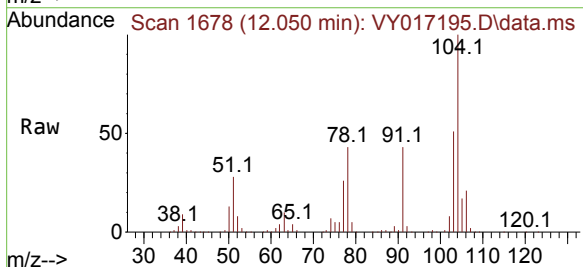
Tgt Ion:104 Resp: 174872

Ion Ratio Lower Upper

104 100

78 47.1 39.2 58.8

103 54.4 43.8 65.6





#71

Bromoform

Concen: 45.611 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY017195.D

Acq: 02 Feb 2024 19:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

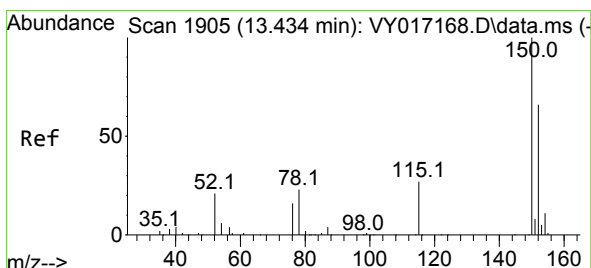
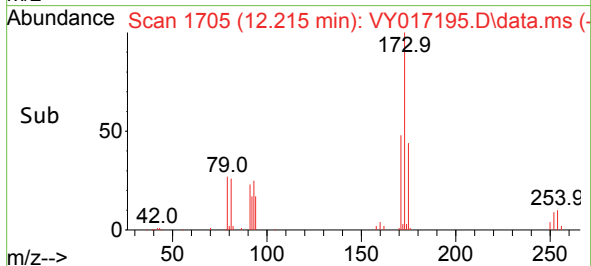
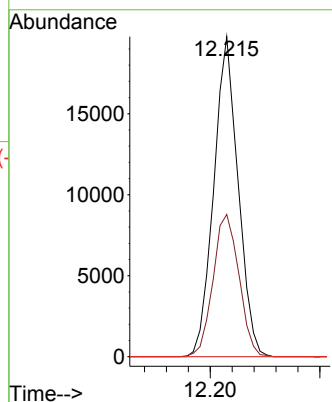
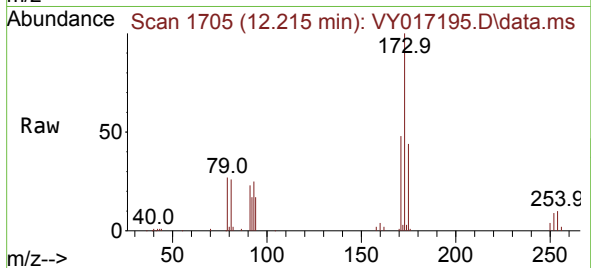
Tgt Ion:173 Resp: 30450

Ion Ratio Lower Upper

173 100

175 47.4 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017195.D

Acq: 02 Feb 2024 19:33

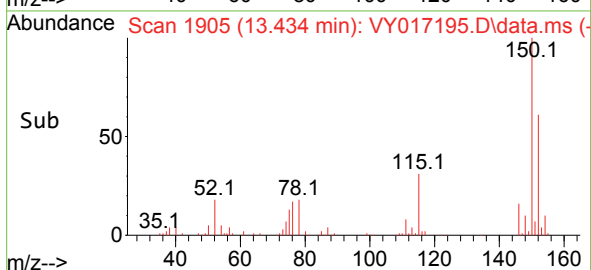
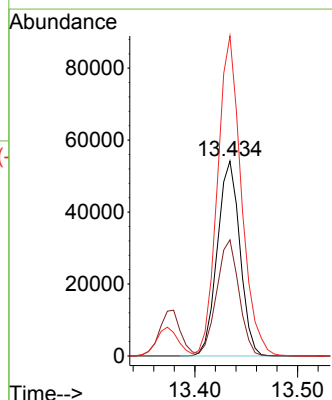
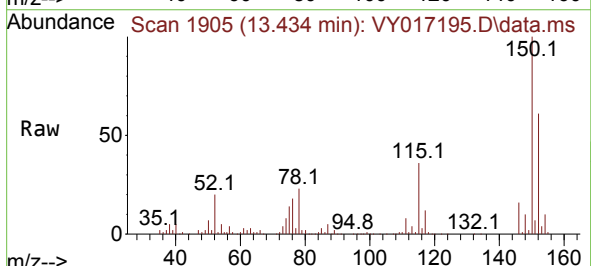
Tgt Ion:152 Resp: 82538

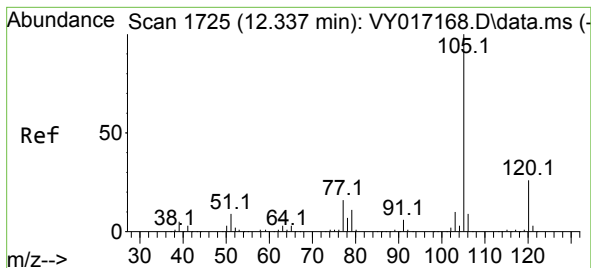
Ion Ratio Lower Upper

152 100

115 59.1 30.0 90.0

150 173.4 0.0 344.6





#73

Isopropylbenzene

Concen: 44.133 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017195.D

Acq: 02 Feb 2024 19:33

Instrument :

MSVOA_Y

ClientSampleId :

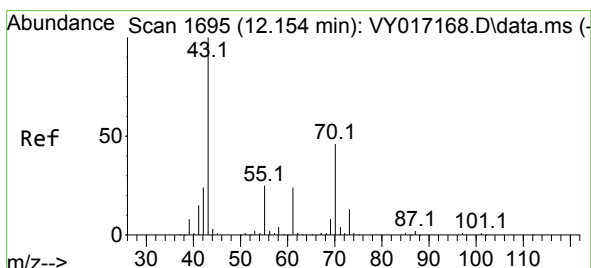
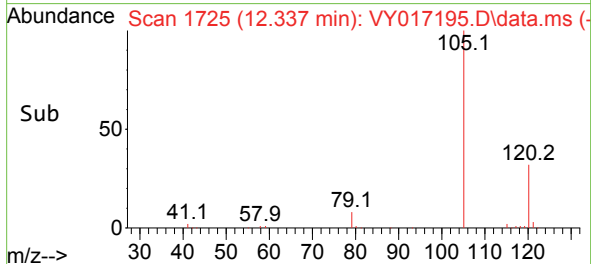
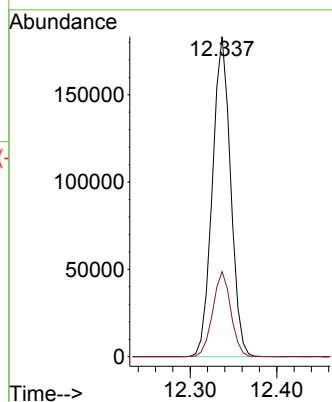
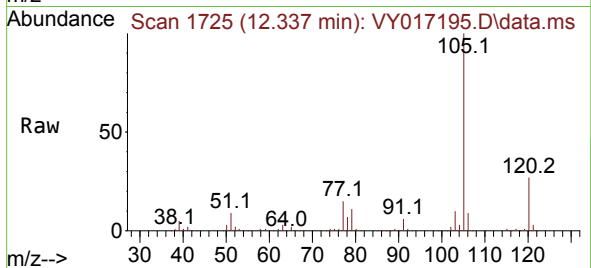
VSTDCCC050EC

Tgt Ion:105 Resp: 267605

Ion Ratio Lower Upper

105 100

120 26.4 13.0 39.0



#74

N-ethyl acetate

Concen: 45.054 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.006 min

Lab File: VY017195.D

Acq: 02 Feb 2024 19:33

Tgt Ion: 43 Resp: 61384

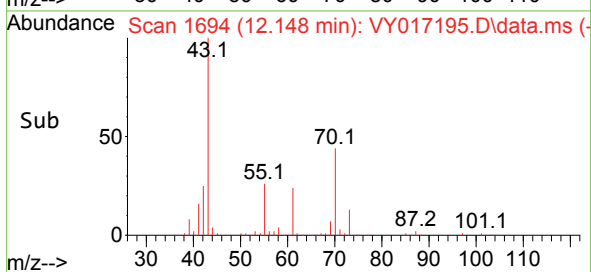
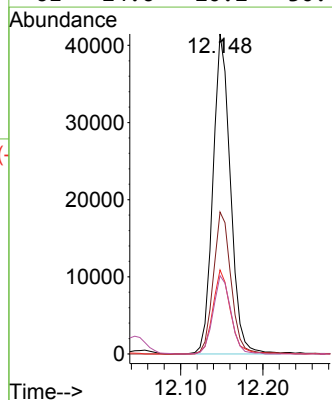
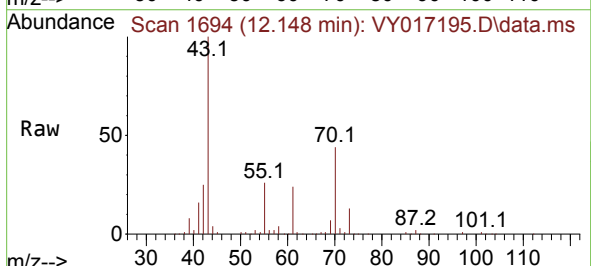
Ion Ratio Lower Upper

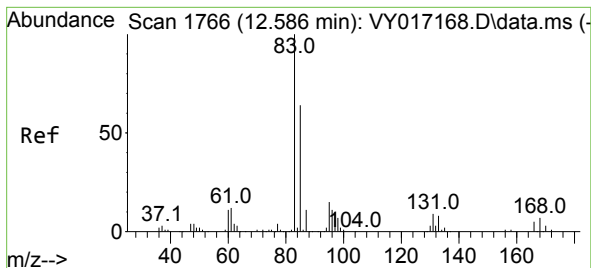
43 100

70 45.0 36.6 55.0

55 26.5 22.2 33.4

61 24.6 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 44.253 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017195.D

Acq: 02 Feb 2024 19:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

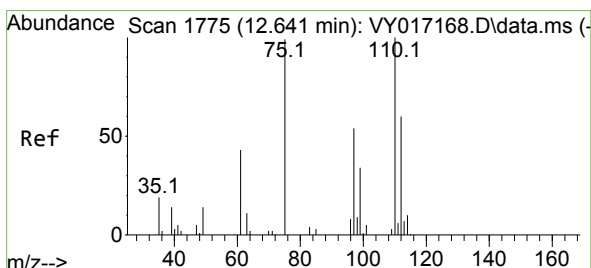
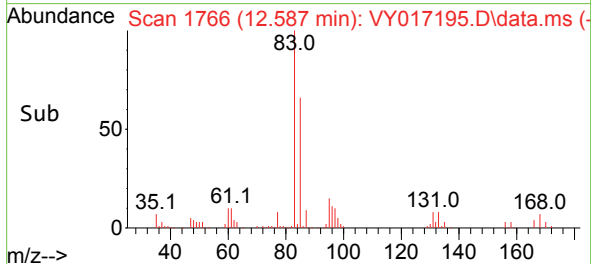
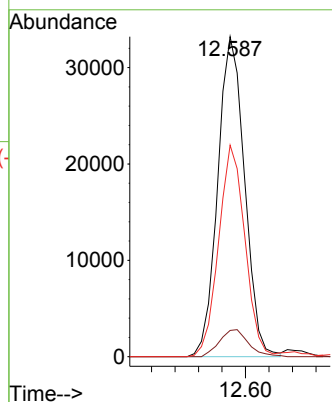
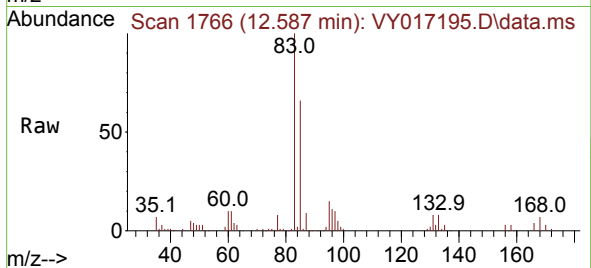
Tgt Ion: 83 Resp: 52776

Ion Ratio Lower Upper

83 100

131 9.1 4.9 14.6

85 64.9 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 82.749 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY017195.D

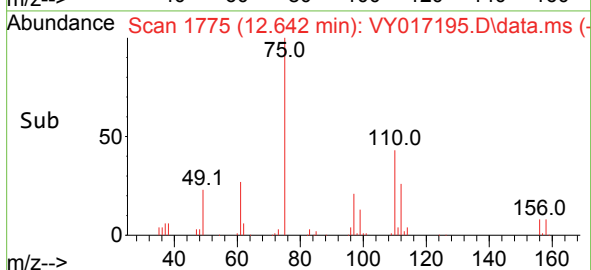
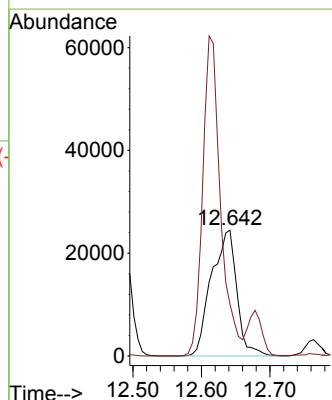
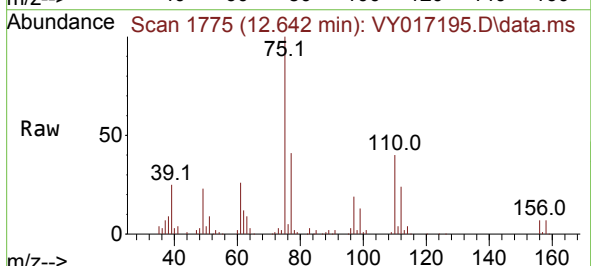
Acq: 02 Feb 2024 19:33

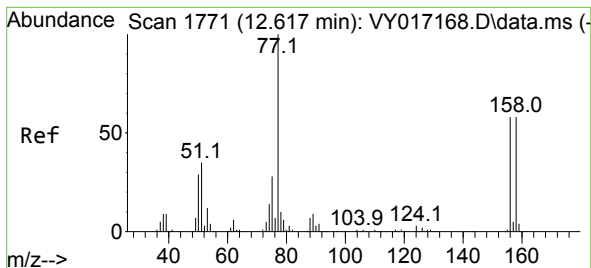
Tgt Ion: 75 Resp: 63039

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 43.878 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017195.D

Acq: 02 Feb 2024 19:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

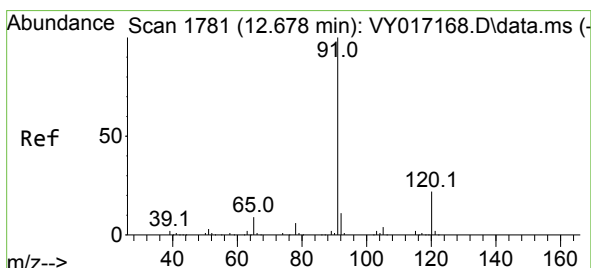
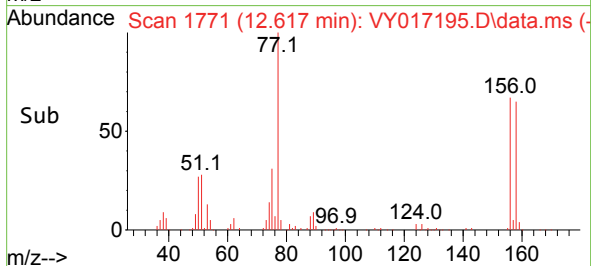
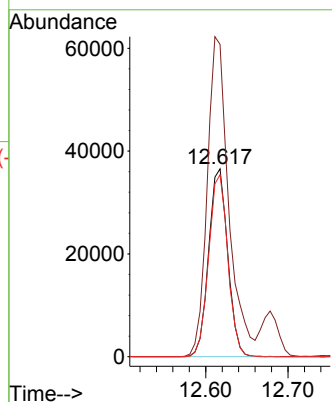
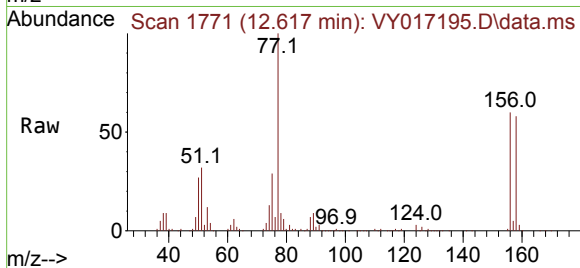
Tgt Ion:156 Resp: 59015

Ion Ratio Lower Upper

156 100

77 191.8 97.3 291.8

158 97.0 48.4 145.0



#78

n-propylbenzene

Concen: 44.643 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017195.D

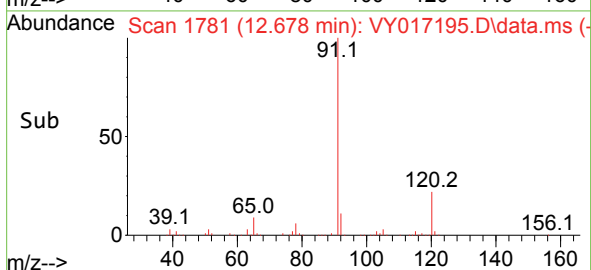
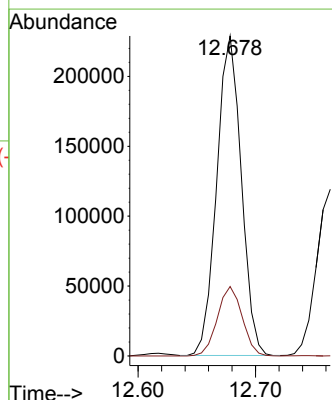
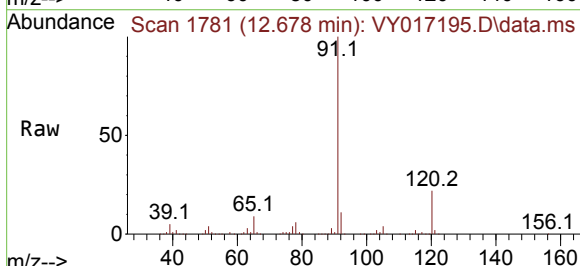
Acq: 02 Feb 2024 19:33

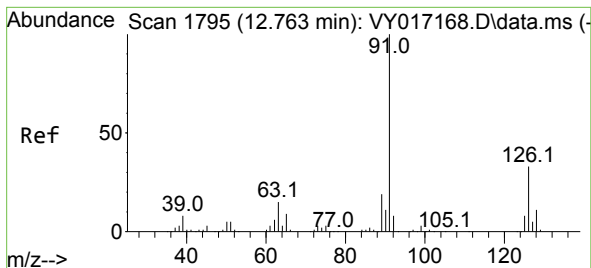
Tgt Ion: 91 Resp: 332458

Ion Ratio Lower Upper

91 100

120 21.9 11.0 33.0





#79

2-Chlorotoluene

Concen: 44.609 ug/l

RT: 12.764 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017195.D

Acq: 02 Feb 2024 19:33

Instrument :

MSVOA_Y

ClientSampleId :

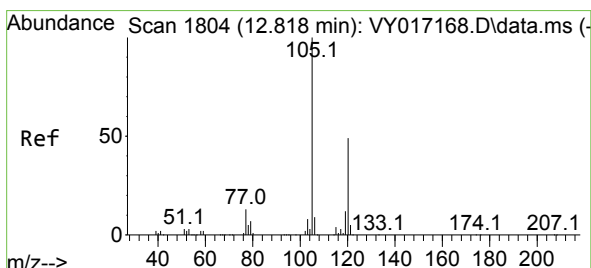
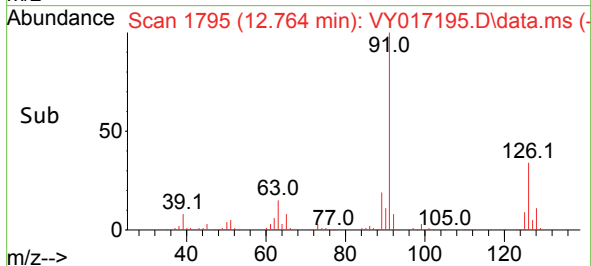
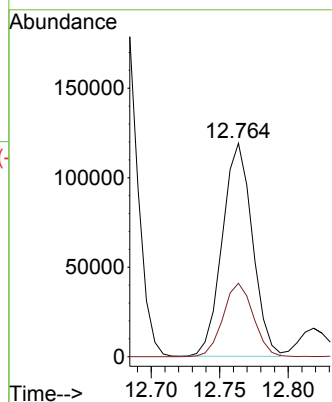
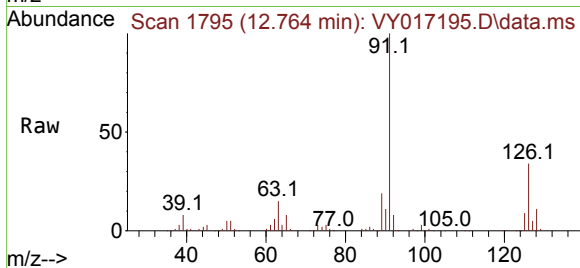
VSTDCCC050EC

Tgt Ion: 91 Resp: 182637

Ion Ratio Lower Upper

91 100

126 34.6 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 45.152 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY017195.D

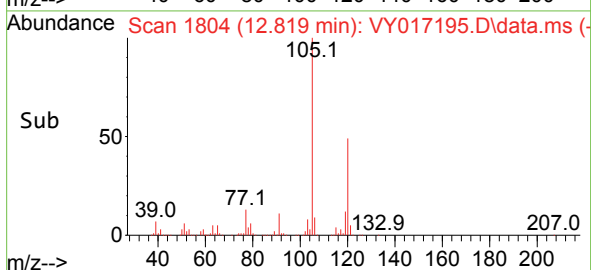
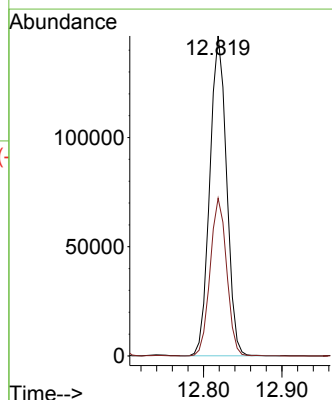
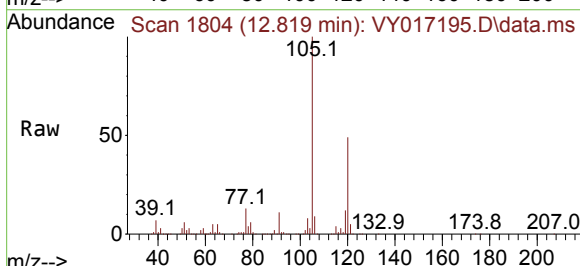
Acq: 02 Feb 2024 19:33

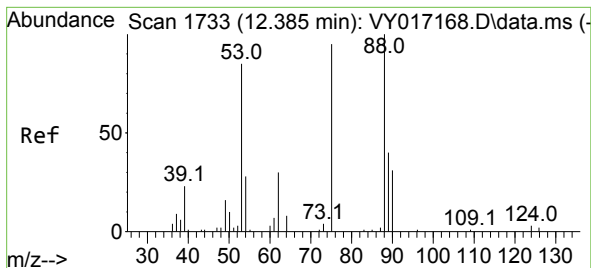
Tgt Ion:105 Resp: 217743

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8

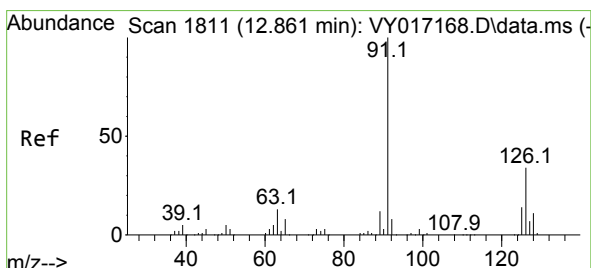
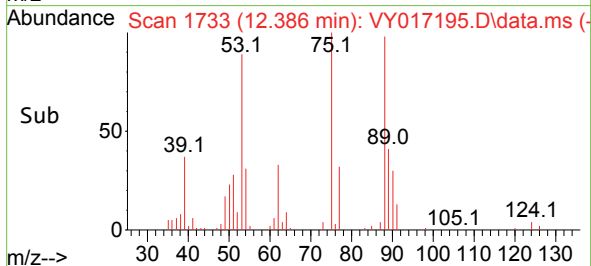
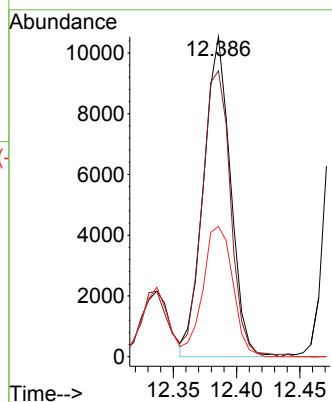
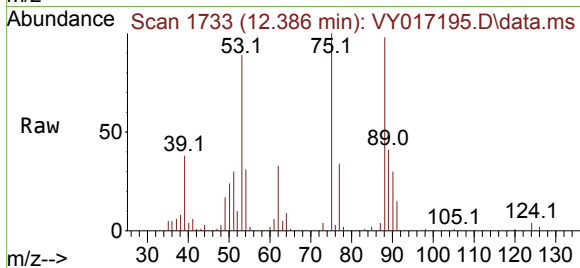




#81
trans-1,4-Dichloro-2-butene
Concen: 42.648 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

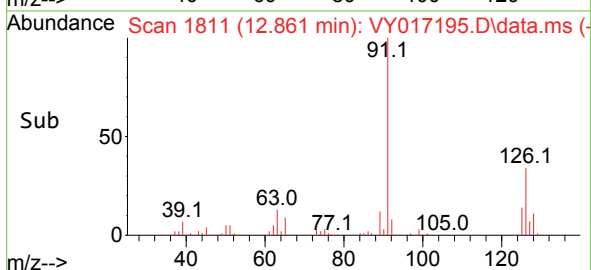
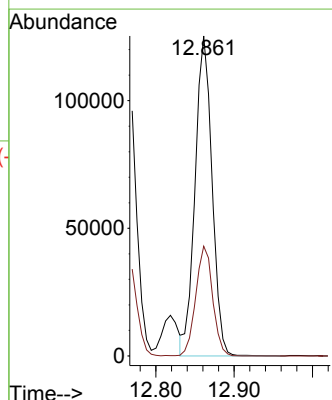
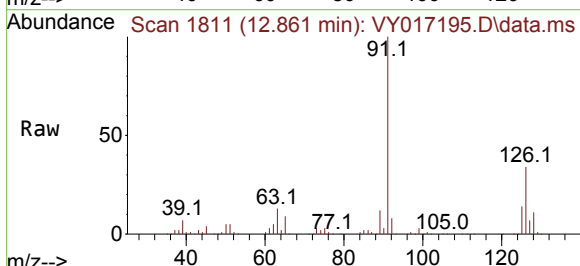
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

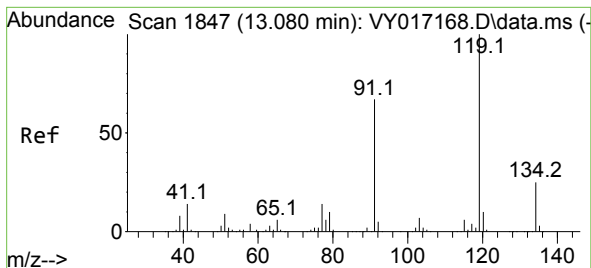
Tgt Ion: 75 Resp: 15636
Ion Ratio Lower Upper
75 100
53 94.4 74.0 111.0
89 45.0 36.5 54.7



#82
4-Chlorotoluene
Concen: 44.844 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

Tgt Ion: 91 Resp: 188961
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.2

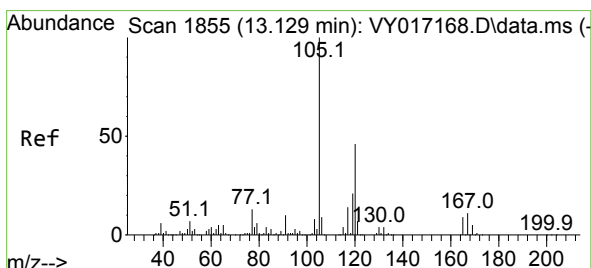
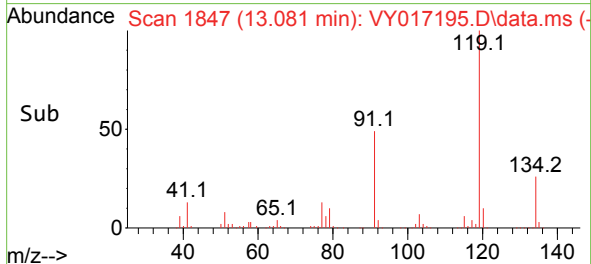
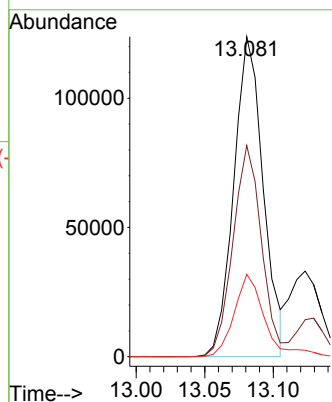
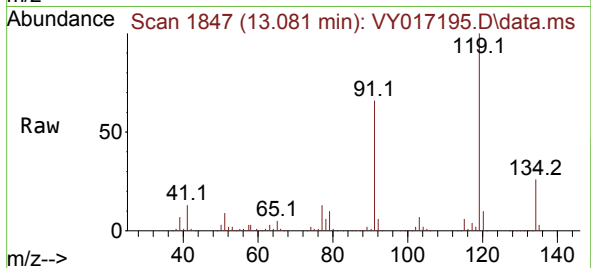




#83
tert-Butylbenzene
Concen: 44.888 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

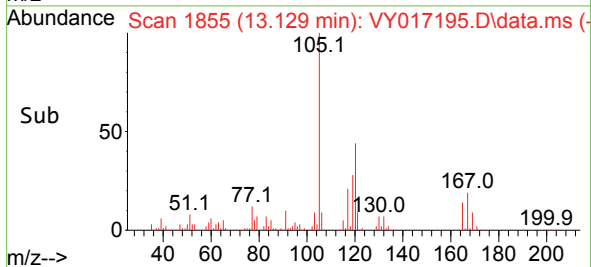
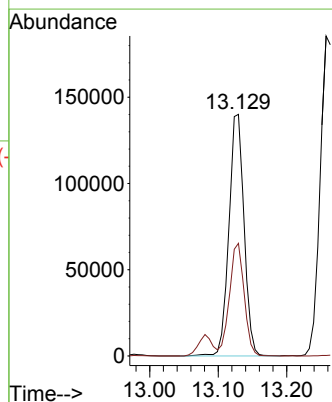
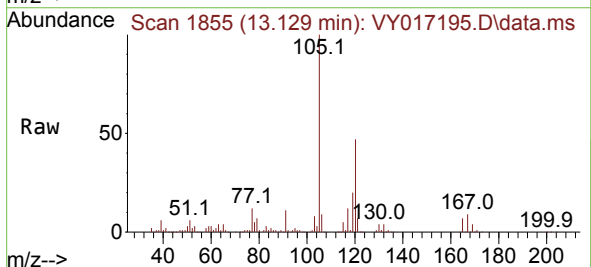
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

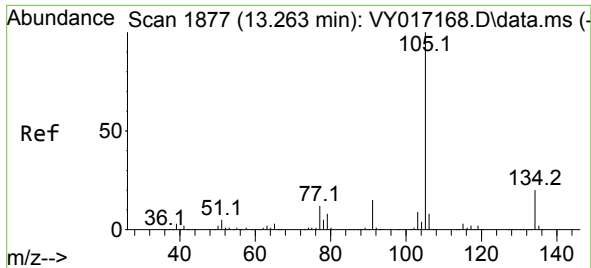
Tgt Ion:119 Resp: 185552
Ion Ratio Lower Upper
119 100
91 64.8 31.5 94.5
134 26.6 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 45.172 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

Tgt Ion:105 Resp: 215020
Ion Ratio Lower Upper
105 100
120 45.2 22.1 66.3

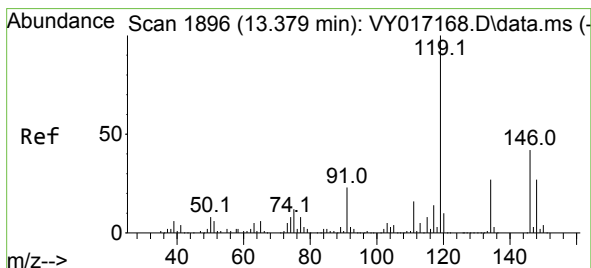
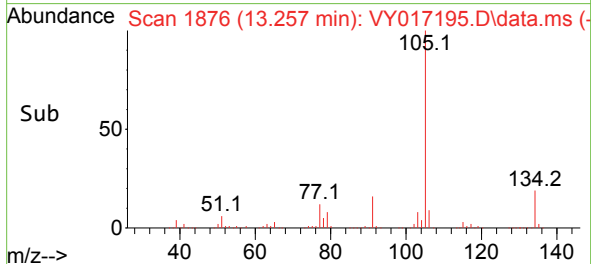
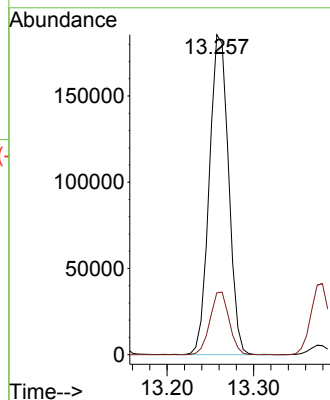
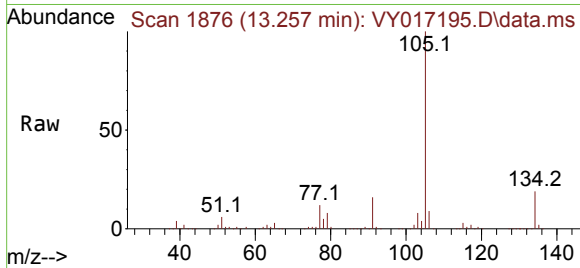




#85
 sec-Butylbenzene
 Concen: 44.348 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VY017195.D
 Acq: 02 Feb 2024 19:33

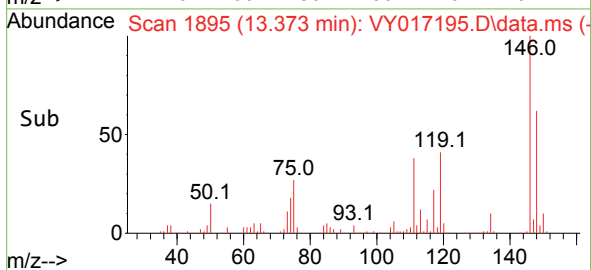
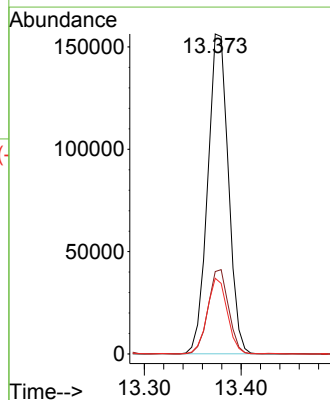
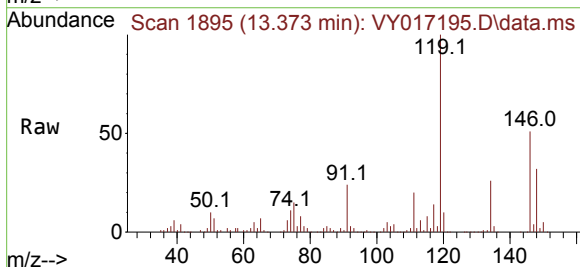
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

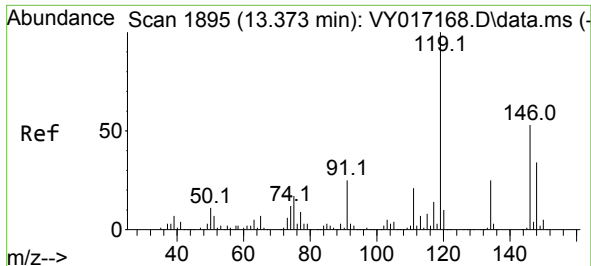
Tgt Ion:105 Resp: 286521
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 44.935 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.006 min
 Lab File: VY017195.D
 Acq: 02 Feb 2024 19:33

Tgt Ion:119 Resp: 231991
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 23.1 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 44.368 ug/l

RT: 13.373 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017195.D

Acq: 02 Feb 2024 19:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

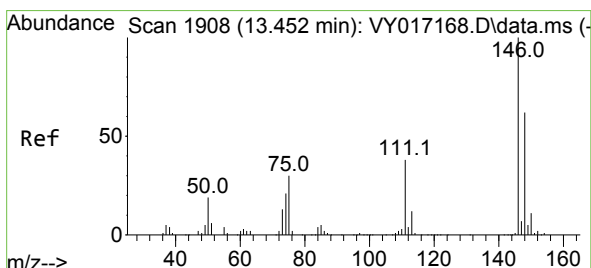
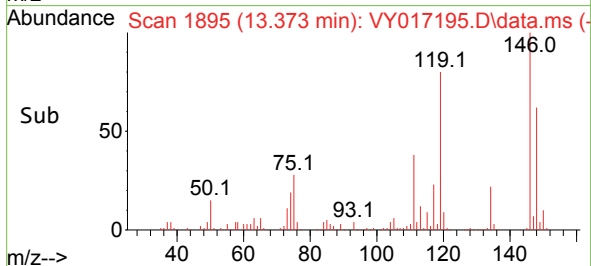
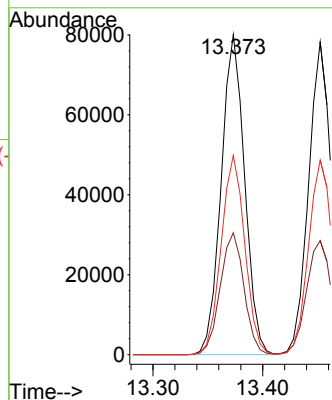
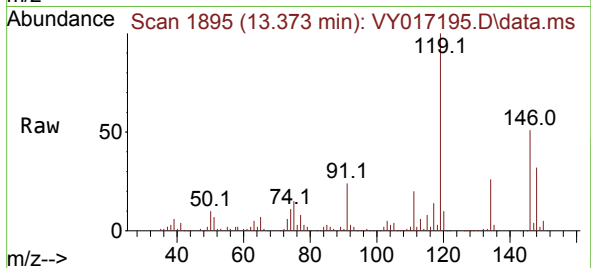
Tgt Ion:146 Resp: 119044

Ion Ratio Lower Upper

146 100

111 38.7 20.2 60.5

148 62.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 44.090 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017195.D

Acq: 02 Feb 2024 19:33

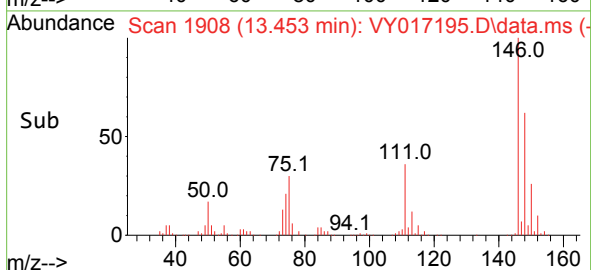
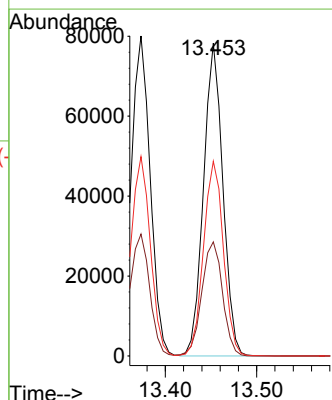
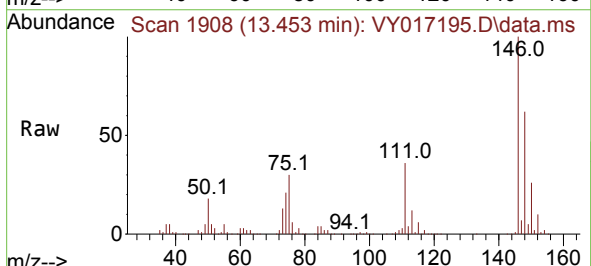
Tgt Ion:146 Resp: 114930

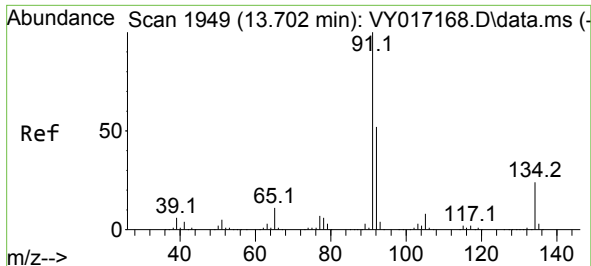
Ion Ratio Lower Upper

146 100

111 39.1 19.3 57.9

148 64.3 31.6 94.7

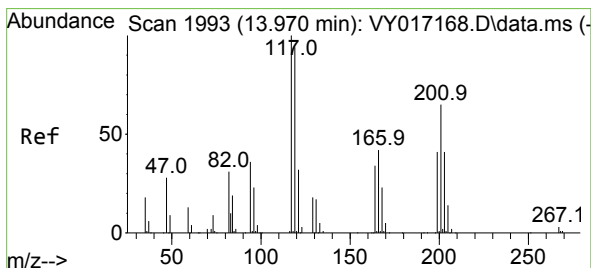
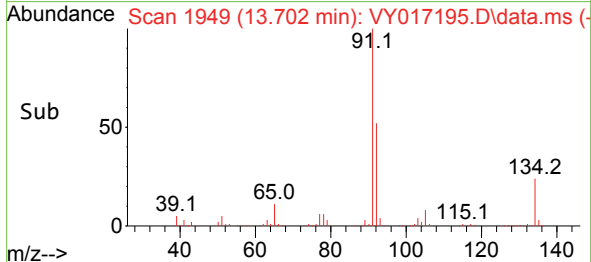
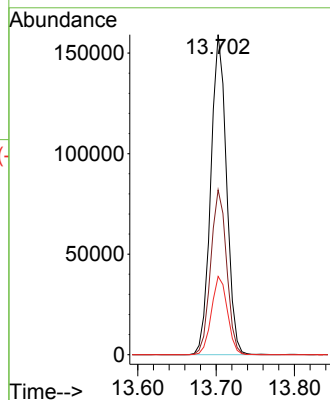
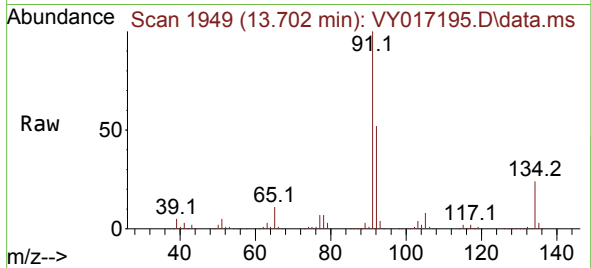




#89
n-Butylbenzene
Concen: 45.144 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

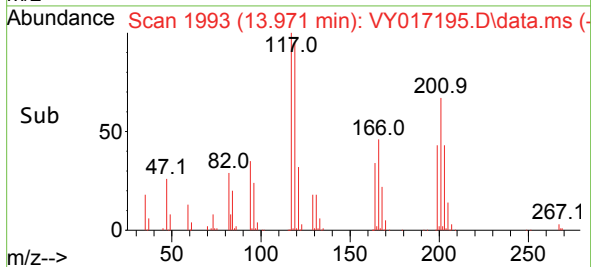
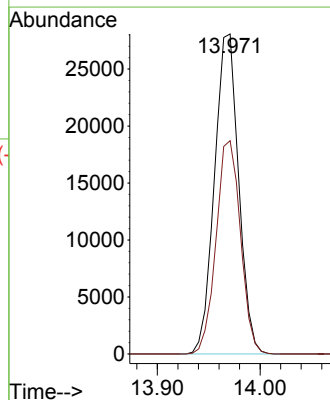
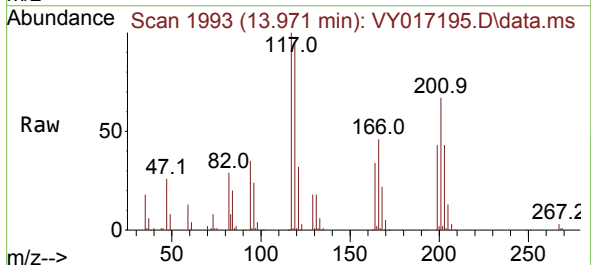
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

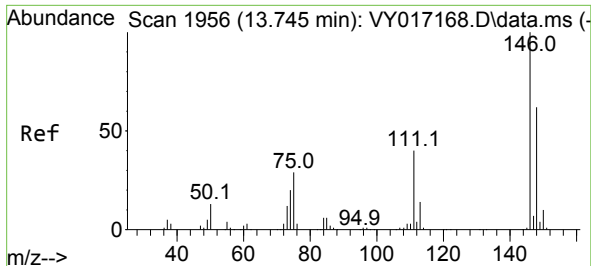
Tgt Ion: 91 Resp: 221596
Ion Ratio Lower Upper
91 100
92 52.0 26.4 79.2
134 24.8 12.3 36.8



#90
Hexachloroethane
Concen: 43.219 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VY017195.D
Acq: 02 Feb 2024 19:33

Tgt Ion: 117 Resp: 45807
Ion Ratio Lower Upper
117 100
201 67.2 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 45.120 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY017195.D

Acq: 02 Feb 2024 19:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

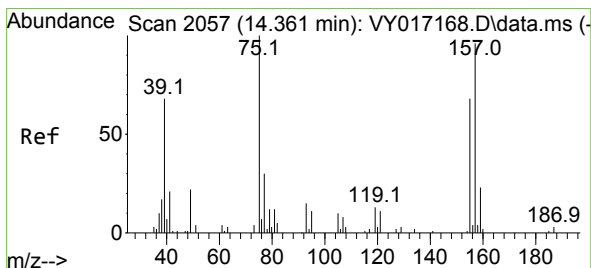
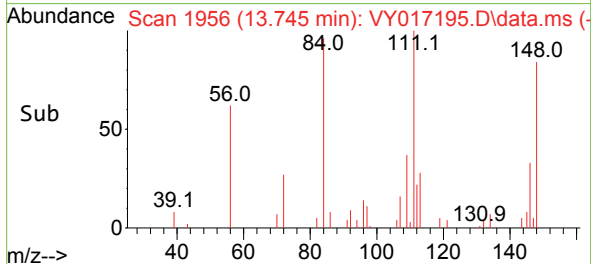
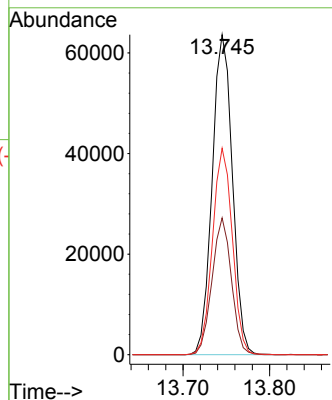
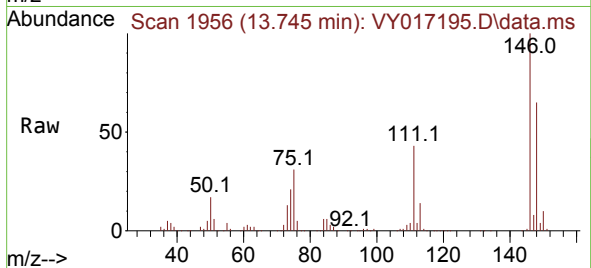
Tgt Ion:146 Resp: 103060

Ion Ratio Lower Upper

146 100

111 41.0 20.5 61.6

148 63.5 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.523 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY017195.D

Acq: 02 Feb 2024 19:33

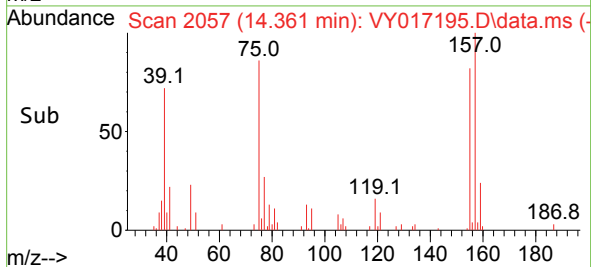
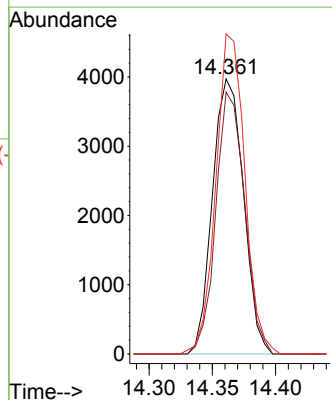
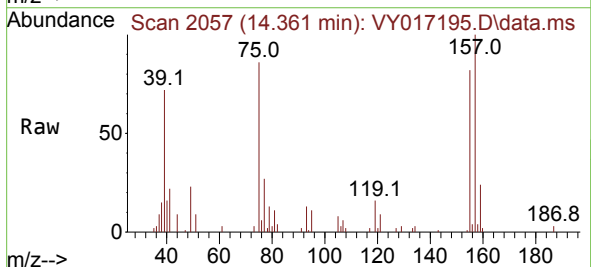
Tgt Ion: 75 Resp: 6761

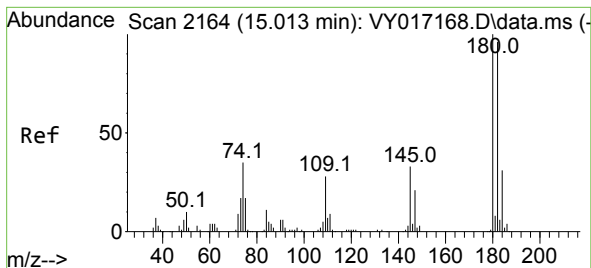
Ion Ratio Lower Upper

75 100

155 88.8 42.1 126.3

157 108.8 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 45.983 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017195.D

Acq: 02 Feb 2024 19:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

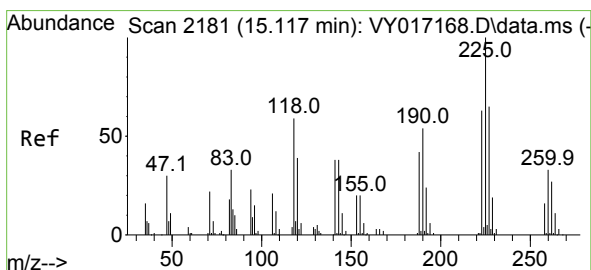
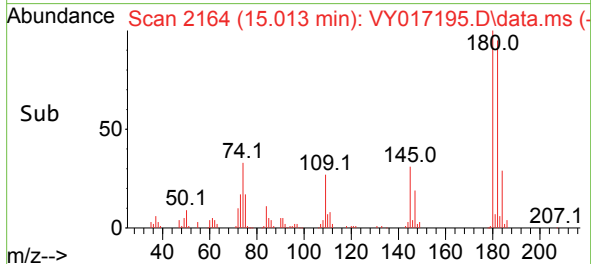
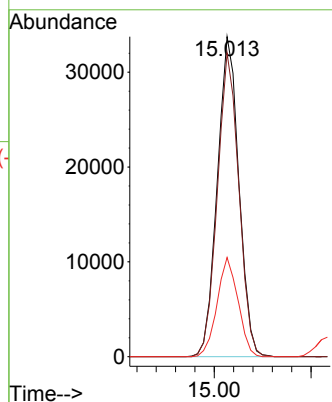
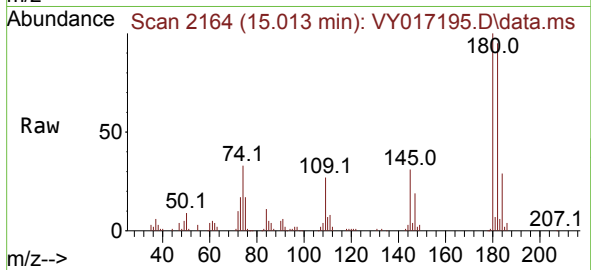
Tgt Ion:180 Resp: 52170

Ion Ratio Lower Upper

180 100

182 94.3 47.9 143.7

145 30.1 15.9 47.7



#94

Hexachlorobutadiene

Concen: 44.417 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017195.D

Acq: 02 Feb 2024 19:33

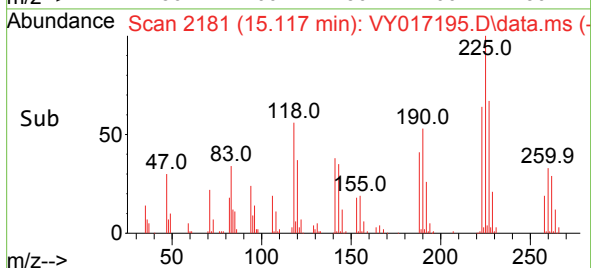
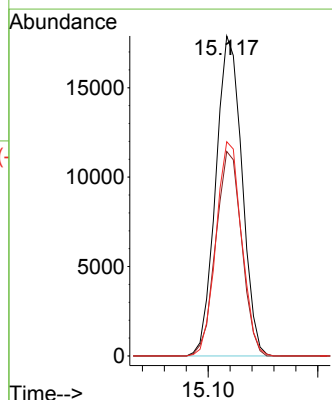
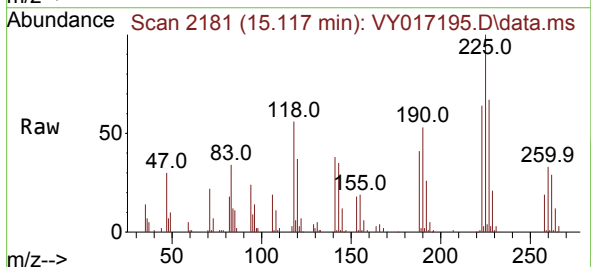
Tgt Ion:225 Resp: 29680

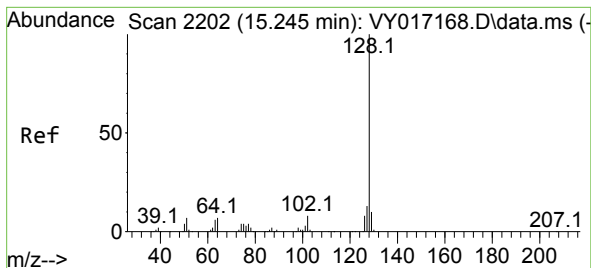
Ion Ratio Lower Upper

225 100

223 63.2 31.4 94.3

227 65.5 32.3 96.8





#95

Naphthalene

Concen: 44.257 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017195.D

Acq: 02 Feb 2024 19:33

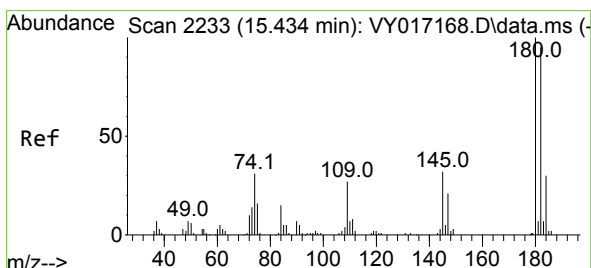
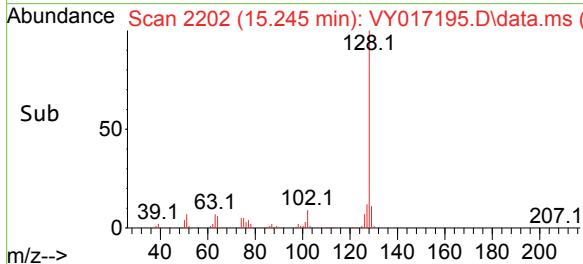
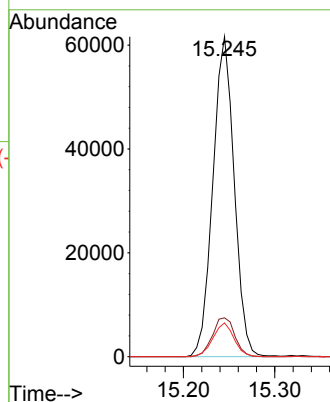
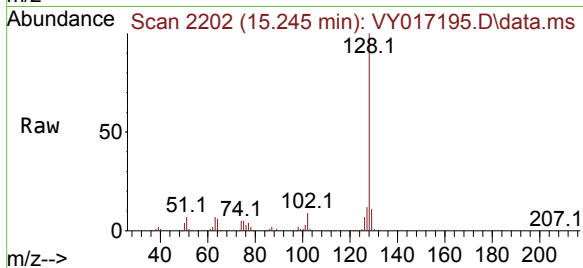
Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128	Resp:	99800
Ion	Ratio	Lower Upper
128	100	
127	12.8	10.2 15.4
129	10.4	8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 46.335 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY017195.D

Acq: 02 Feb 2024 19:33

Tgt Ion:180	Resp:	44710
Ion	Ratio	Lower Upper
180	100	
182	95.3	46.3 138.8
145	32.0	16.1 48.2

