

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020924\
 Data File : VY017349.D
 Acq On : 09 Feb 2024 19:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 09 22:08:29 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	105987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	178997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	160989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	73586	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	53198	56.186	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.380%	
35) Dibromofluoromethane	7.728	113	54980	56.887	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.780%	
50) Toluene-d8	10.191	98	197230	56.050	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.100%	
62) 4-Bromofluorobenzene	12.489	95	66740	57.898	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 115.800%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	43994	54.755	ug/l	97
3) Chloromethane	2.119	50	83663	57.964	ug/l	98
4) Vinyl Chloride	2.253	62	99193	56.394	ug/l	99
5) Bromomethane	2.656	94	71332	58.505	ug/l	90
6) Chloroethane	2.796	64	66357	58.428	ug/l	100
7) Trichlorofluoromethane	3.131	101	104082	57.546	ug/l	97
8) Diethyl Ether	3.540	74	36451	64.070	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	63531	57.945	ug/l	99
10) Methyl Iodide	4.101	142	72319	62.742	ug/l	98
11) Tert butyl alcohol	4.972	59	26063	332.488	ug/l	98
12) 1,1-Dichloroethene	3.881	96	60877	59.257	ug/l	97
13) Acrolein	3.735	56	20899	267.195	ug/l	99
14) Allyl chloride	4.491	41	95043	61.195	ug/l	100
15) Acrylonitrile	5.173	53	84972	331.722	ug/l	100
16) Acetone	3.954	43	73205	263.058	ug/l	100
17) Carbon Disulfide	4.204	76	187119	57.058	ug/l	100
18) Methyl Acetate	4.491	43	45493	73.281	ug/l	98
19) Methyl tert-butyl Ether	5.234	73	161230	65.163	ug/l	100
20) Methylene Chloride	4.728	84	77288	69.153	ug/l	96
21) trans-1,2-Dichloroethene	5.228	96	71565	61.234	ug/l	100
22) Diisopropyl ether	6.131	45	214823	62.985	ug/l	98
23) Vinyl Acetate	6.070	43	653005	315.979	ug/l	99
24) 1,1-Dichloroethane	6.033	63	126129	60.367	ug/l	99
25) 2-Butanone	6.996	43	111312	300.888	ug/l	94
26) 2,2-Dichloropropane	6.990	77	97151	55.901	ug/l	100
27) cis-1,2-Dichloroethene	7.002	96	81960	62.701	ug/l	98
28) Bromochloromethane	7.344	49	39863	49.828	ug/l	97
29) Tetrahydrofuran	7.362	42	71508	342.176	ug/l	100
30) Chloroform	7.521	83	130058	61.878	ug/l	98
31) Cyclohexane	7.795	56	104154	54.576	ug/l	98
32) 1,1,1-Trichloroethane	7.716	97	108651	60.097	ug/l	99
36) 1,1-Dichloropropene	7.929	75	97756	58.638	ug/l	100
37) Ethyl Acetate	7.088	43	48189	62.323	ug/l	98
38) Carbon Tetrachloride	7.911	117	95825	60.034	ug/l	97
39) Methylcyclohexane	9.197	83	113314	58.181	ug/l	96
40) Benzene	8.173	78	296438	62.267	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.362	41	65654	179.213	ug/l #	23
42) 1,2-Dichloroethane	8.246	62	78501	62.278	ug/l	99
43) Isopropyl Acetate	8.283	43	88886	64.939	ug/l	99
44) Trichloroethene	8.953	130	75519	62.491	ug/l	95
45) 1,2-Dichloropropane	9.228	63	72898	62.339	ug/l	98
46) Dibromomethane	9.313	93	40443	64.026	ug/l	100
47) Bromodichloromethane	9.508	83	99227	62.769	ug/l	95
48) Methyl methacrylate	9.301	41	40891	63.691	ug/l	93
49) 1,4-Dioxane	9.307	88	9776	1421.890	ug/l	98
51) 4-Methyl-2-Pentanone	10.081	43	254756	347.213	ug/l	100
52) Toluene	10.252	92	179761	62.556	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	96536	65.013	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	113191	63.642	ug/l	99
55) 1,1,2-Trichloroethane	10.654	97	56087	65.261	ug/l	99
56) Ethyl methacrylate	10.520	69	73260	62.554	ug/l	100
57) 1,3-Dichloropropane	10.794	76	96322	65.163	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	155150	289.780	ug/l	100
59) 2-Hexanone	10.837	43	175205	330.230	ug/l	99
60) Dibromochloromethane	10.996	129	65434	64.900	ug/l	100
61) 1,2-Dibromoethane	11.099	107	52622	65.836	ug/l	100
64) Tetrachloroethene	10.727	164	67382	64.447	ug/l	99
65) Chlorobenzene	11.526	112	188499	60.697	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	70565	62.524	ug/l	100
67) Ethyl Benzene	11.599	91	346651	61.761	ug/l	98
68) m/p-Xylenes	11.709	106	263094	123.518	ug/l	100
69) o-Xylene	12.038	106	124607	63.526	ug/l	99
70) Styrene	12.050	104	209524	64.830	ug/l	99
71) Bromoform	12.215	173	39243	66.394	ug/l #	98
73) Isopropylbenzene	12.337	105	322623	59.680	ug/l	99
74) N-amyl acetate	12.148	43	78302	64.464	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	65505	61.608	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	79707	117.356	ug/l #	100
77) Bromobenzene	12.617	156	73321	61.147	ug/l	96
78) n-propylbenzene	12.678	91	395683	59.596	ug/l	99
79) 2-Chlorotoluene	12.764	91	219300	60.080	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	260737	60.645	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	19654	60.128	ug/l	99
82) 4-Chlorotoluene	12.861	91	227076	60.445	ug/l	99
83) tert-Butylbenzene	13.081	119	226833	61.550	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	262003	61.739	ug/l	98
85) sec-Butylbenzene	13.257	105	344709	59.845	ug/l	99
86) p-Isopropyltoluene	13.373	119	281135	61.078	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	145694	60.906	ug/l	98
88) 1,4-Dichlorobenzene	13.452	146	142539	61.334	ug/l	99
89) n-Butylbenzene	13.702	91	265138	60.585	ug/l	99
90) Hexachloroethane	13.965	117	56280	59.560	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	128343	63.024	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8782	63.410	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	66974	66.212	ug/l	99
94) Hexachlorobutadiene	15.117	225	36779	61.737	ug/l	98
95) Naphthalene	15.239	128	136955	64.878	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	58444	67.936	ug/l	98

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QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration

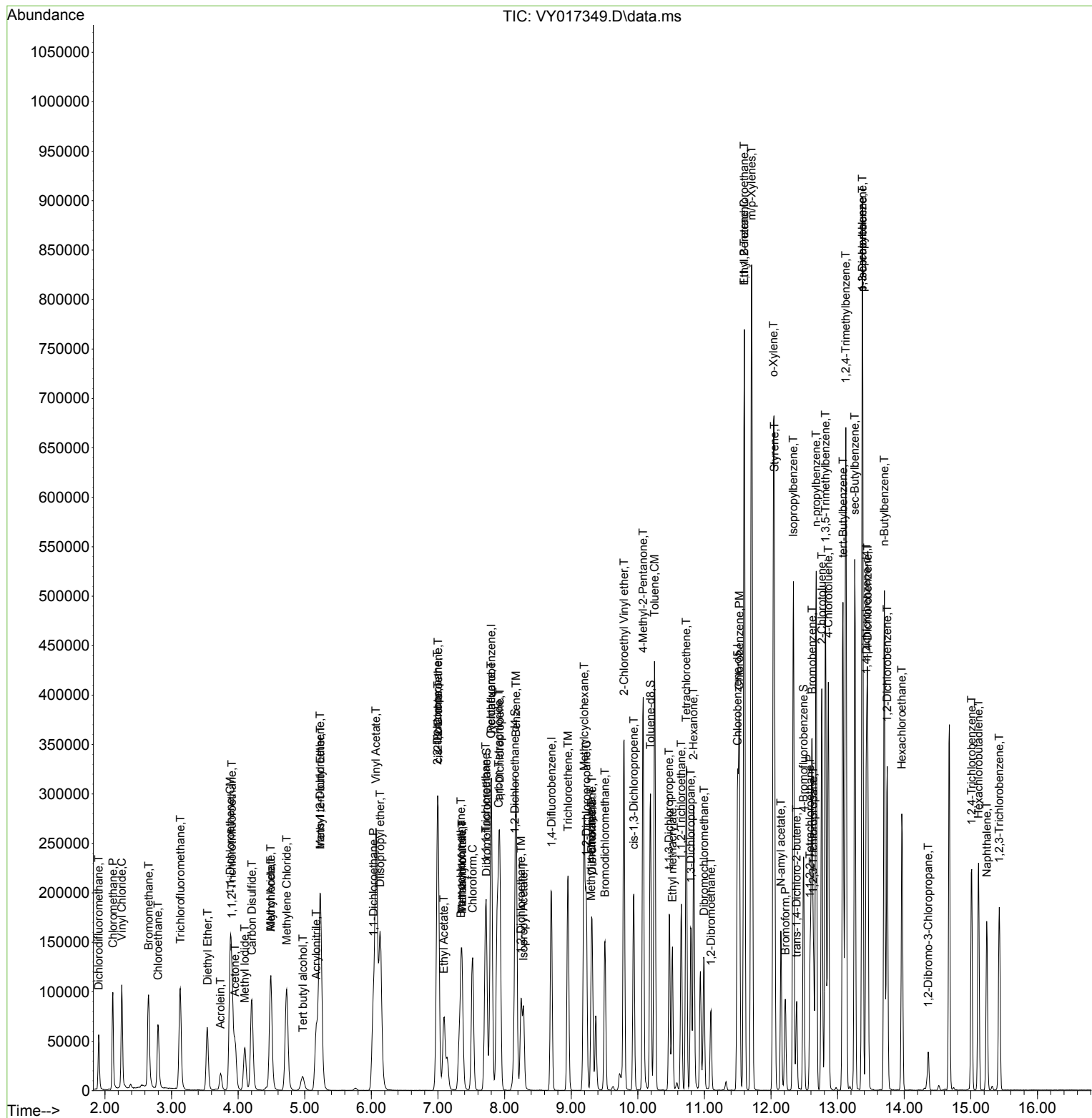
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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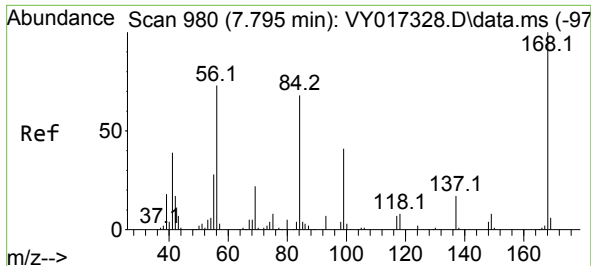
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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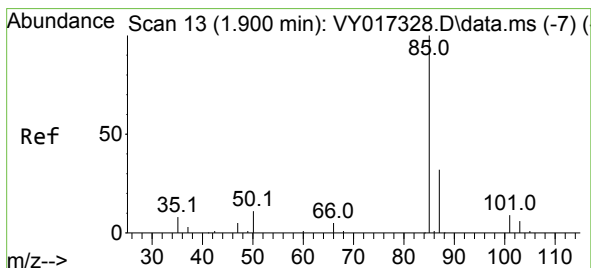
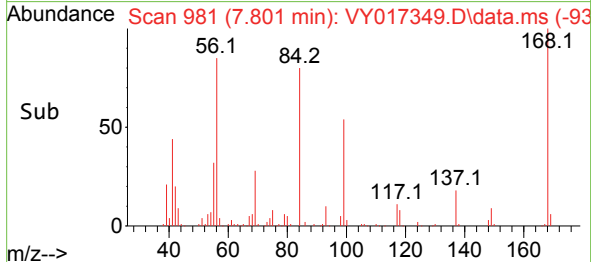
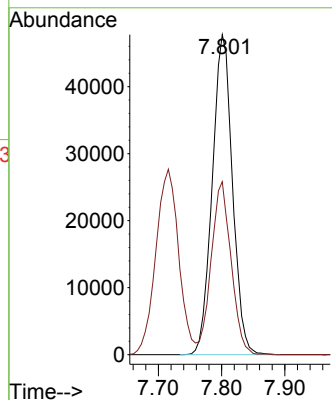
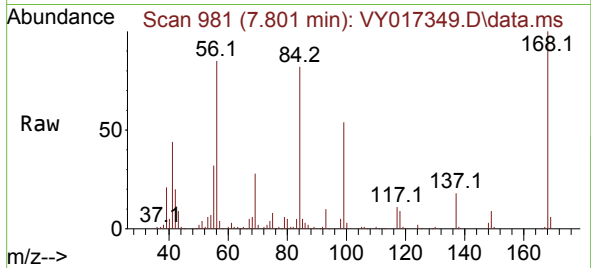




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017349.D
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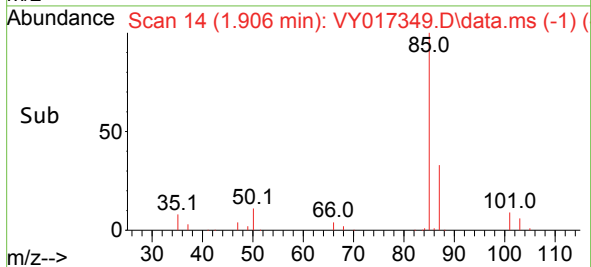
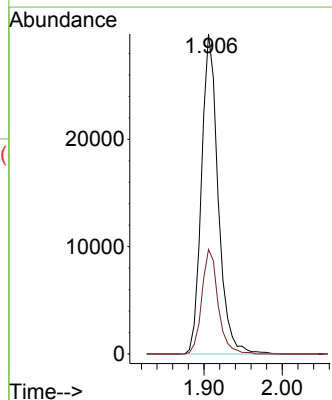
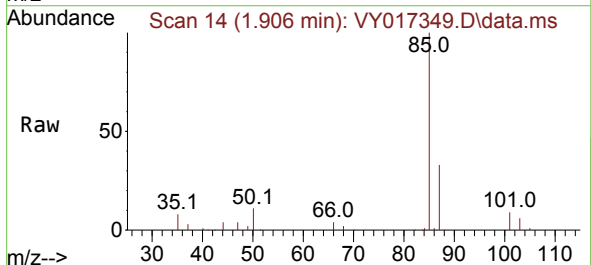
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

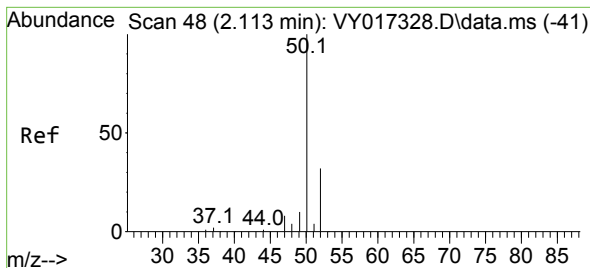
Tgt Ion:168 Resp: 105987
Ion Ratio Lower Upper
168 100
99 54.0 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 54.755 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

Tgt Ion: 85 Resp: 43994
Ion Ratio Lower Upper
85 100
87 32.7 17.1 51.3





#3

Chloromethane

Concen: 57.964 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY017349.D

Acq: 09 Feb 2024 19:05

Instrument :

MSVOA_Y

ClientSampleId :

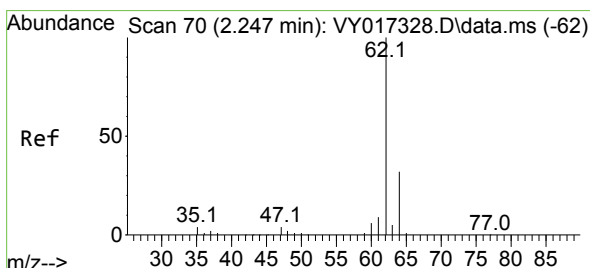
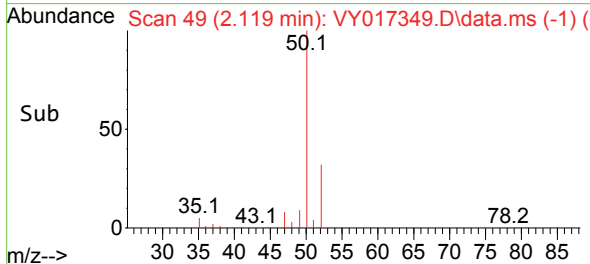
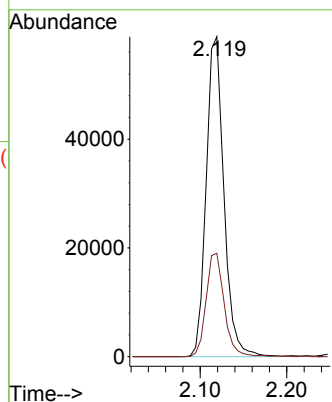
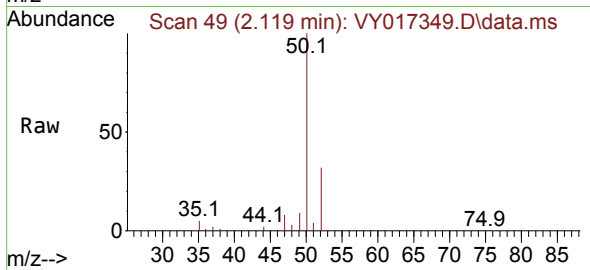
VSTDCCC050EC

Tgt Ion: 50 Resp: 83663

Ion Ratio Lower Upper

50 100

52 32.3 26.7 40.1



#4

Vinyl Chloride

Concen: 56.394 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY017349.D

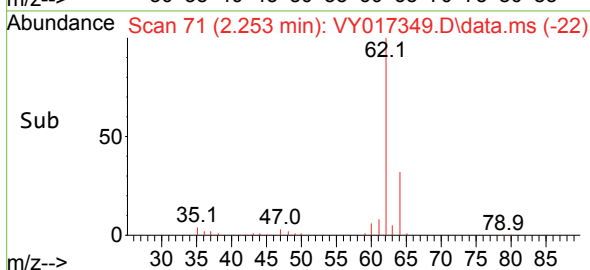
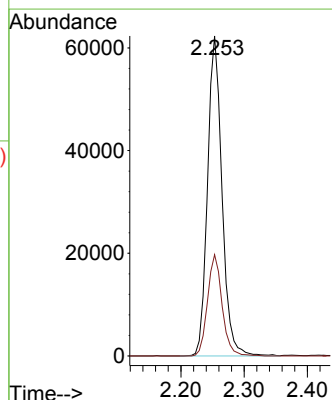
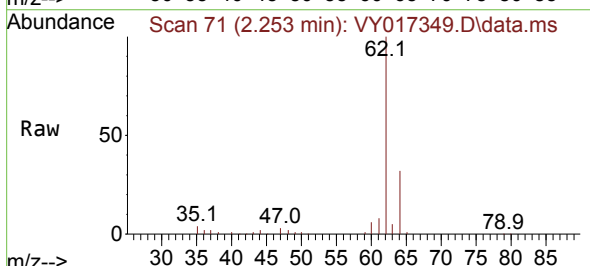
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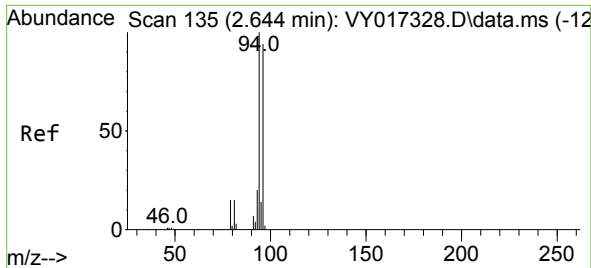
Tgt Ion: 62 Resp: 99193

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5

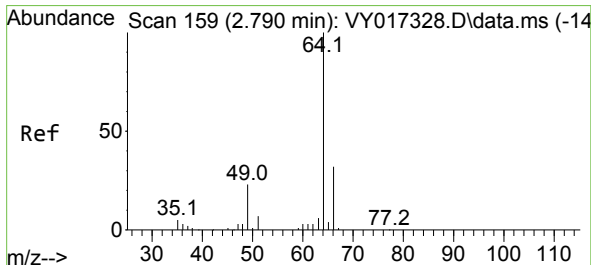
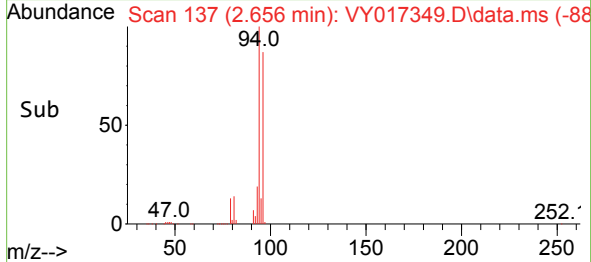
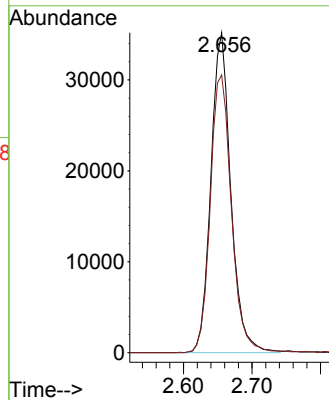
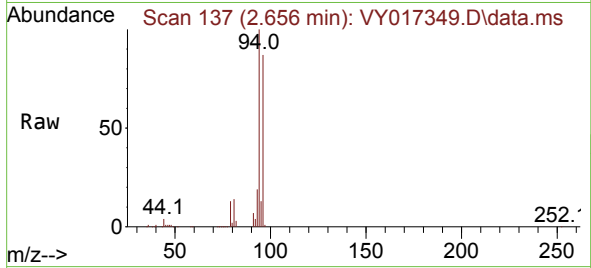




#5
Bromomethane
Concen: 58.505 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017349.D
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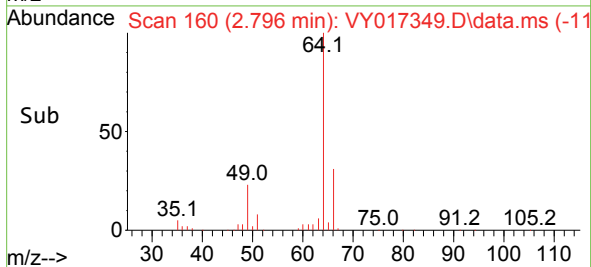
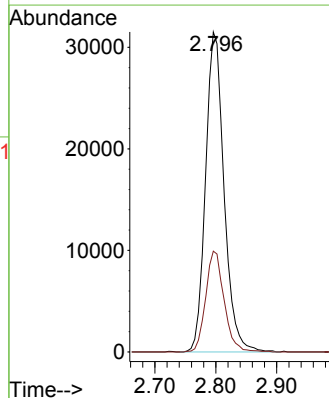
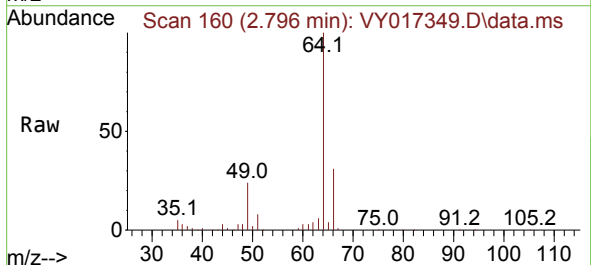
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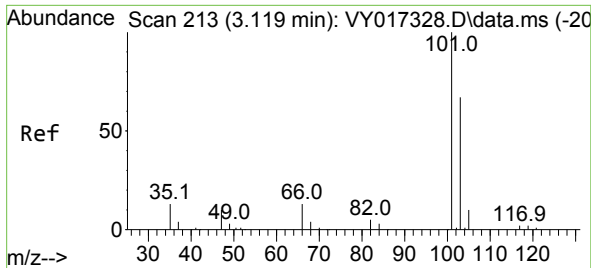
Tgt Ion: 94 Resp: 71332
Ion Ratio Lower Upper
94 100
96 86.7 77.3 115.9



#6
Chloroethane
Concen: 58.428 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY017349.D
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Tgt Ion: 64 Resp: 66357
Ion Ratio Lower Upper
64 100
66 31.5 25.1 37.7

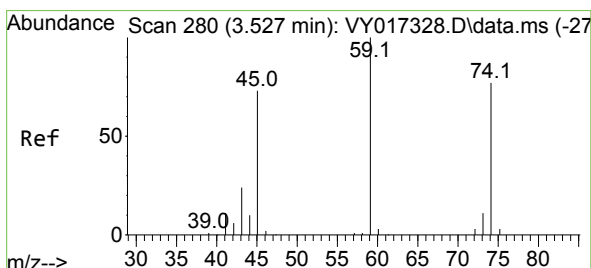
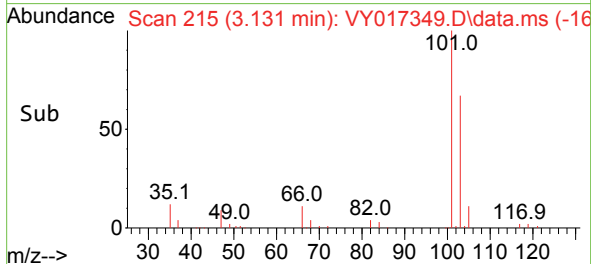
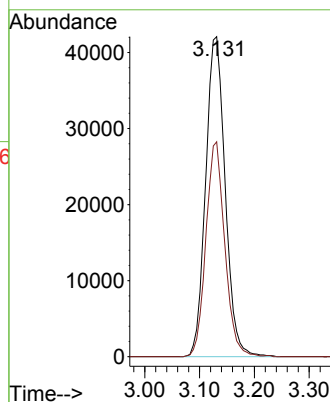
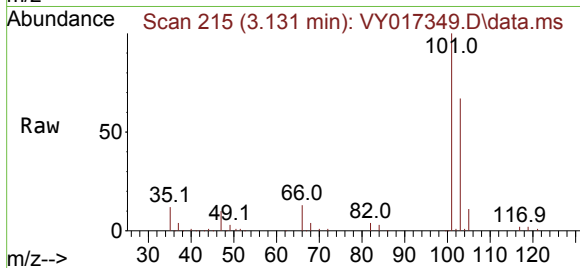




#7
Trichlorofluoromethane
Concen: 57.546 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

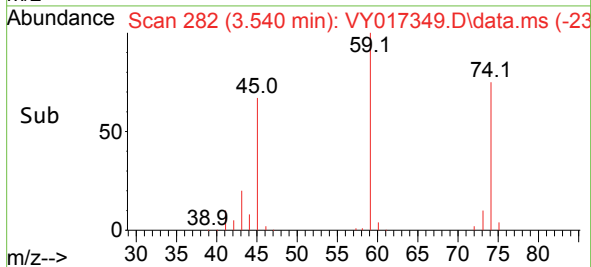
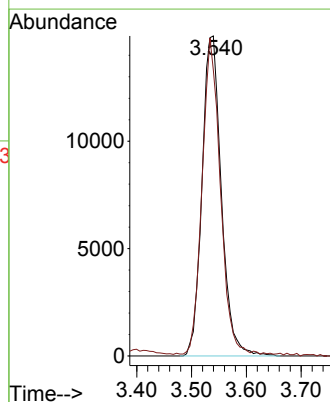
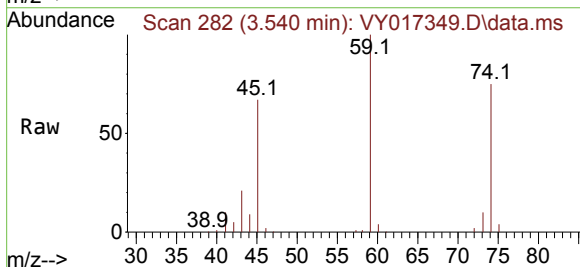
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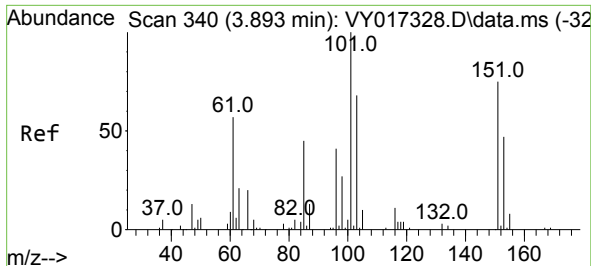
Tgt Ion:101 Resp: 104082
Ion Ratio Lower Upper
101 100
103 67.1 51.9 77.9



#8
Diethyl Ether
Concen: 64.070 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 36451
Ion Ratio Lower Upper
74 100
45 92.7 47.9 143.7

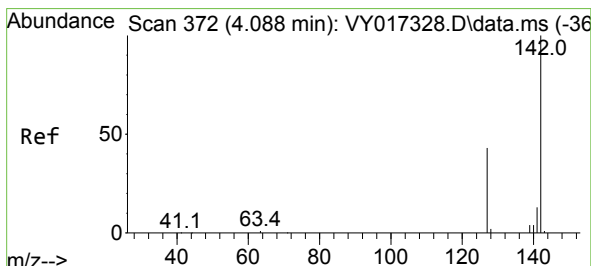
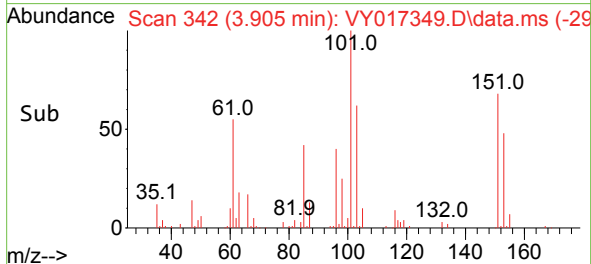
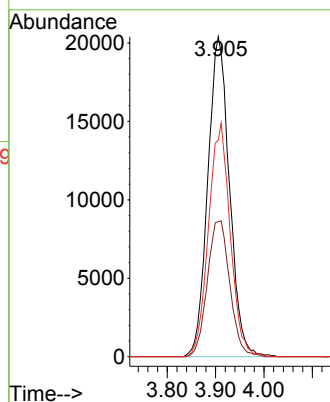
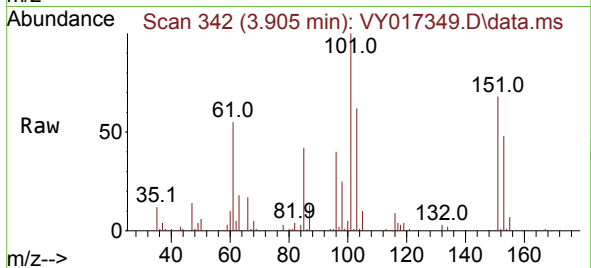




#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.945 ug/l
RT: 3.905 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

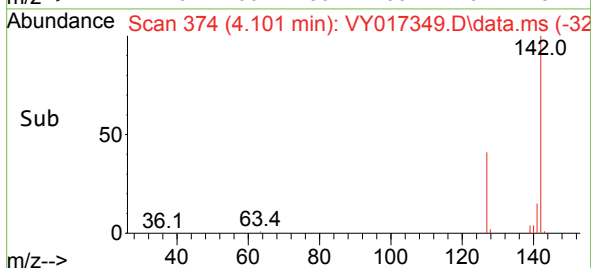
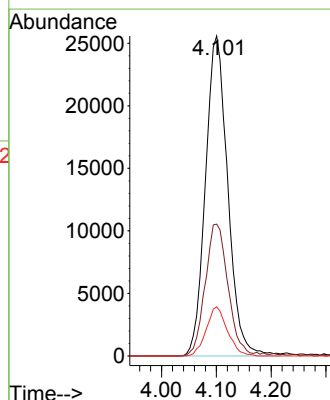
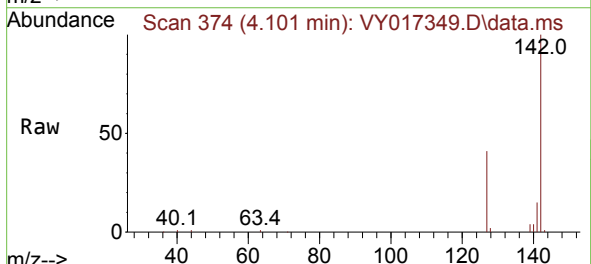
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

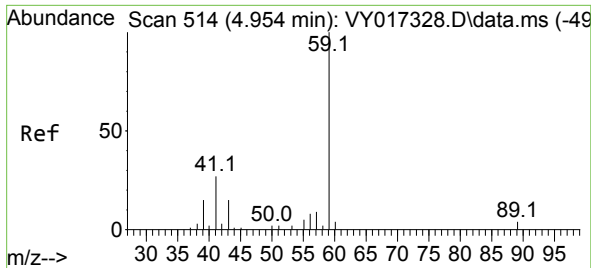
Tgt Ion:101 Resp: 63531
Ion Ratio Lower Upper
101 100
85 44.0 35.8 53.6
151 72.8 58.6 88.0



#10
Methyl Iodide
Concen: 62.742 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

Tgt Ion:142 Resp: 72319
Ion Ratio Lower Upper
142 100
127 42.5 35.1 52.7
141 14.5 11.8 17.6

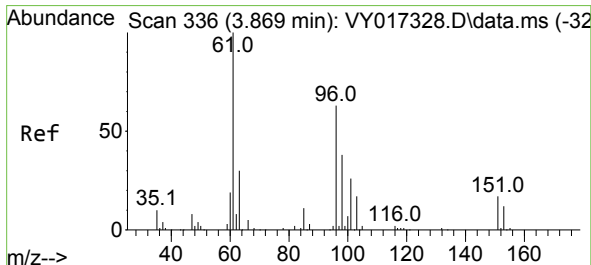
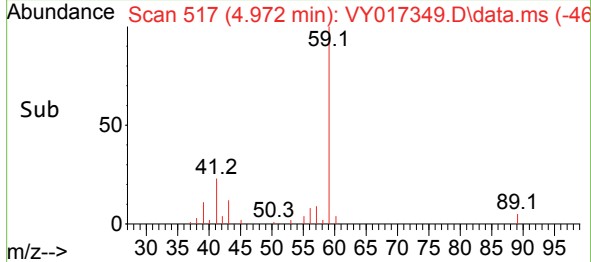
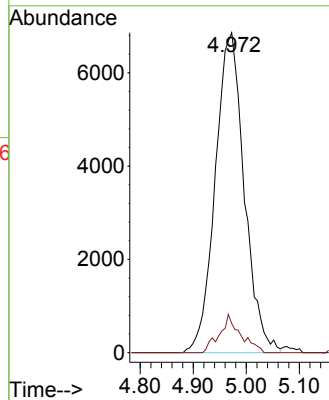
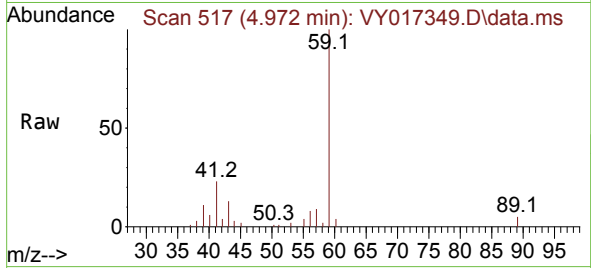




#11
Tert butyl alcohol
Concen: 332.488 ug/l
RT: 4.972 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

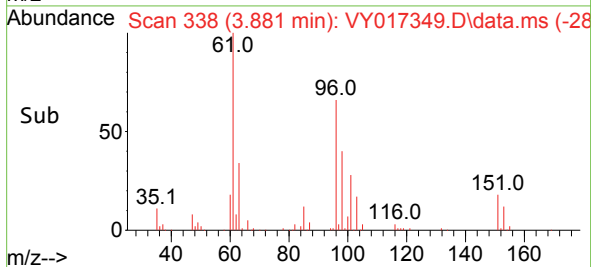
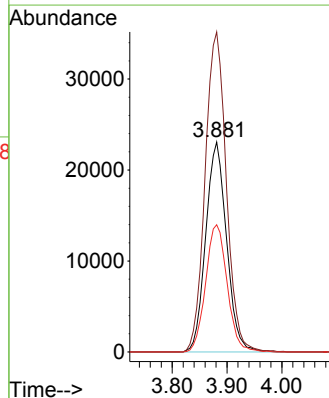
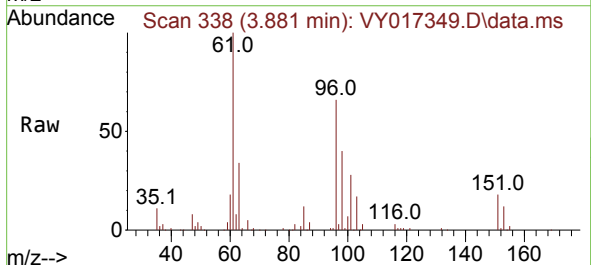
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

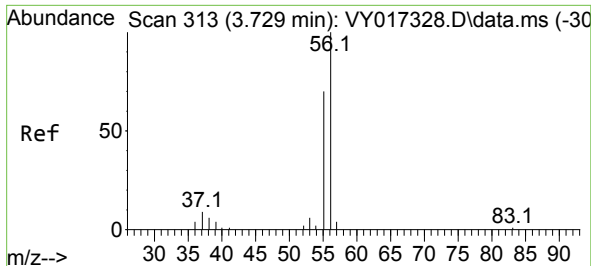
Tgt Ion: 59 Resp: 26063
Ion Ratio Lower Upper
59 100
57 8.6 7.4 11.0



#12
1,1-Dichloroethene
Concen: 59.257 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

Tgt Ion: 96 Resp: 60877
Ion Ratio Lower Upper
96 100
61 152.4 124.2 186.2
98 60.6 52.6 79.0

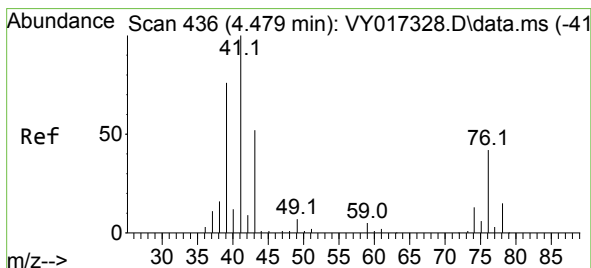
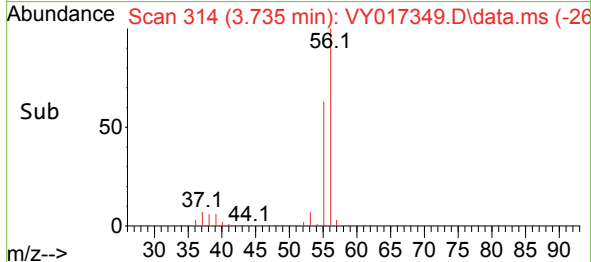
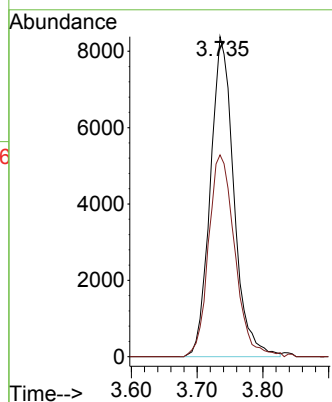
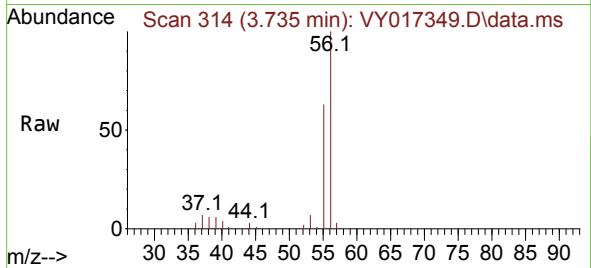




#13
Acrolein
Concen: 267.195 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.001 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

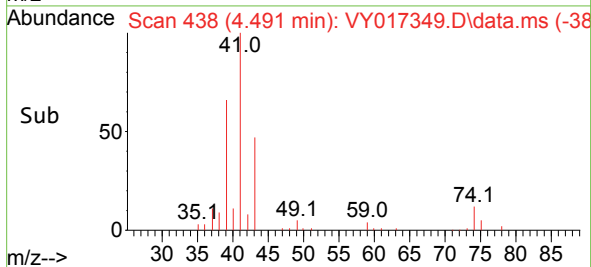
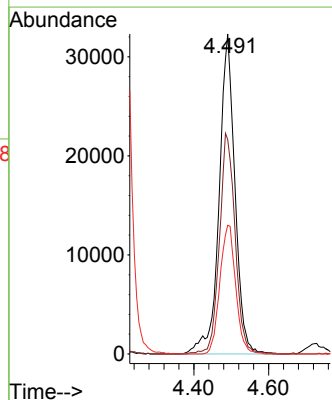
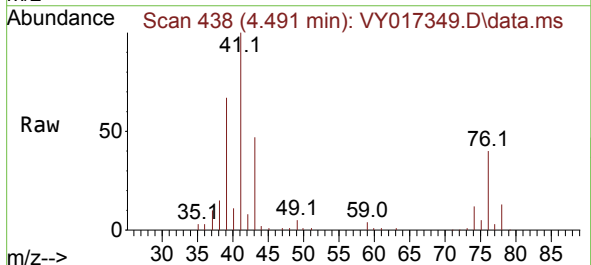
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

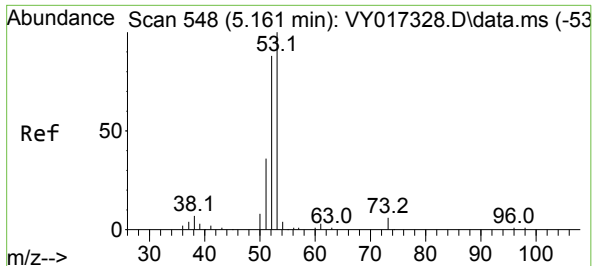
Tgt Ion: 56 Resp: 20899
Ion Ratio Lower Upper
56 100
55 70.1 55.4 83.0



#14
Allyl chloride
Concen: 61.195 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

Tgt Ion: 41 Resp: 95043
Ion Ratio Lower Upper
41 100
39 68.3 54.7 82.1
76 40.1 31.8 47.6

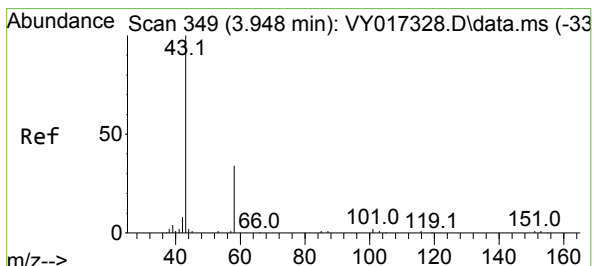
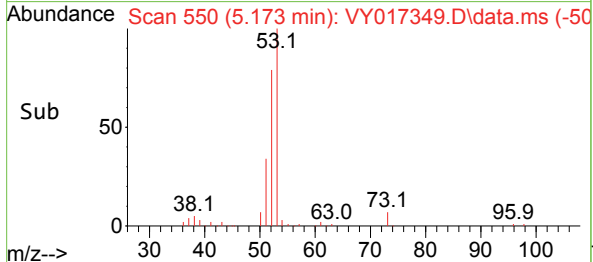
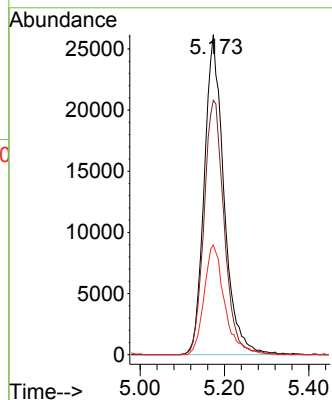
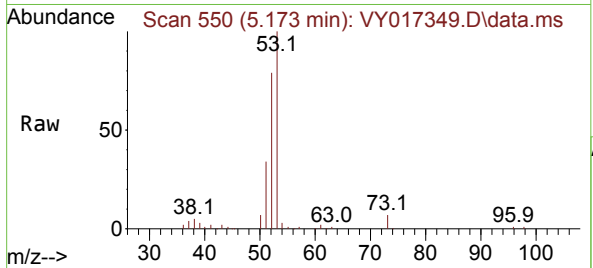




#15
Acrylonitrile
Concen: 331.722 ug/l
RT: 5.173 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

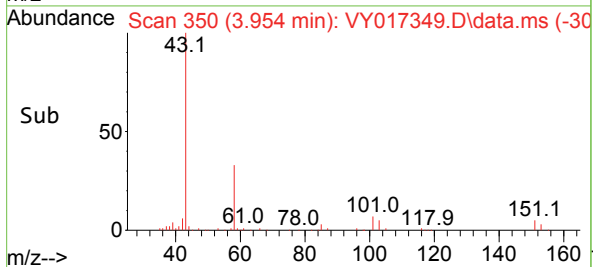
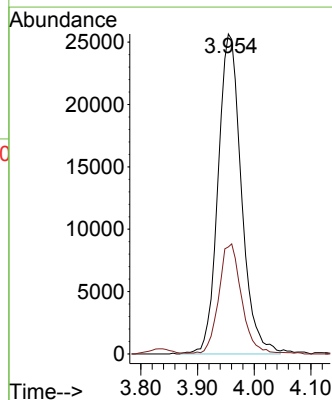
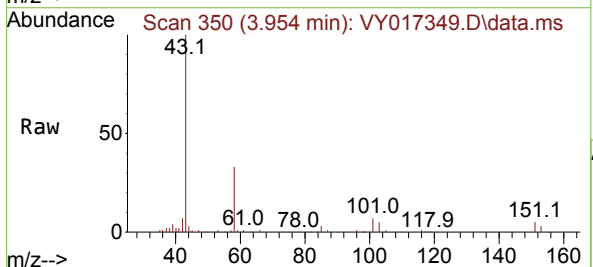
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

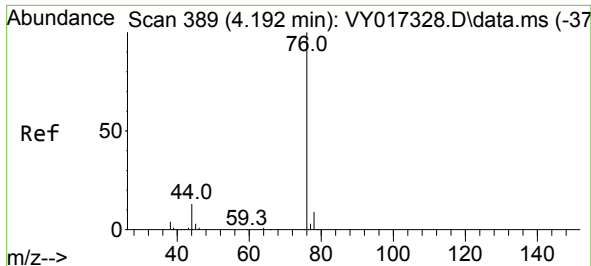
Tgt Ion: 53 Resp: 84972
Ion Ratio Lower Upper
53 100
52 81.2 65.1 97.7
51 35.9 29.0 43.4



#16
Acetone
Concen: 263.058 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

Tgt Ion: 43 Resp: 73205
Ion Ratio Lower Upper
43 100
58 33.1 26.6 39.8

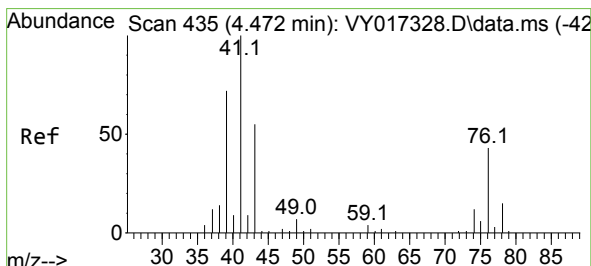
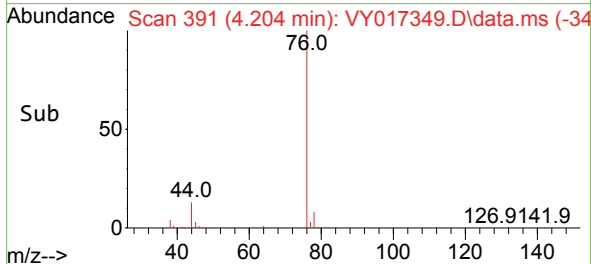
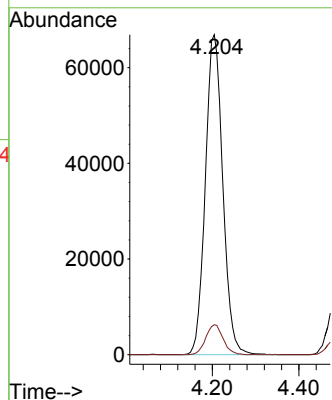
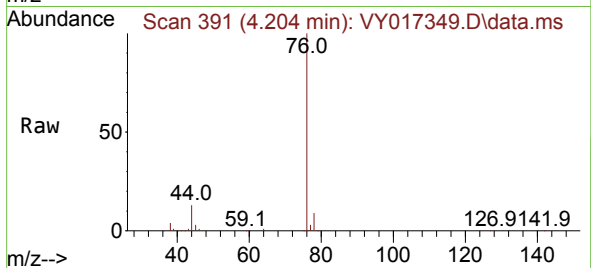




#17
Carbon Disulfide
Concen: 57.058 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

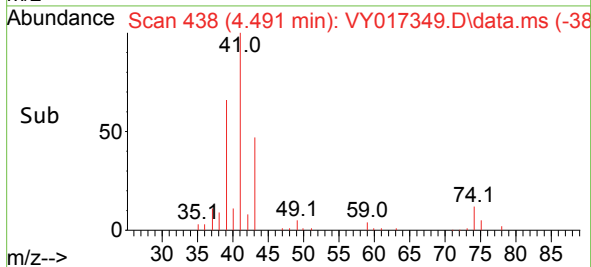
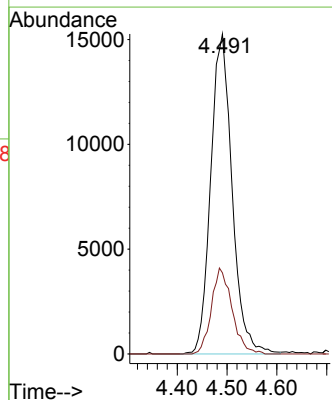
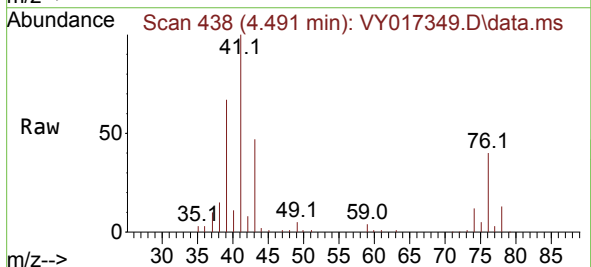
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

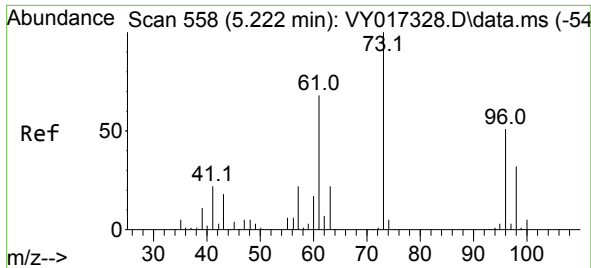
Tgt Ion: 76 Resp: 187119
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 73.281 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

Tgt Ion: 43 Resp: 45493
Ion Ratio Lower Upper
43 100
74 25.8 19.8 29.6

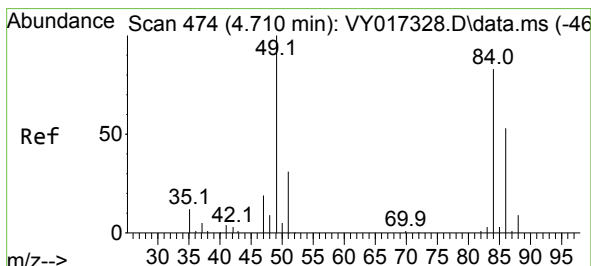
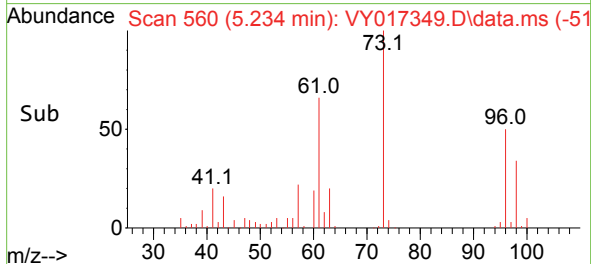
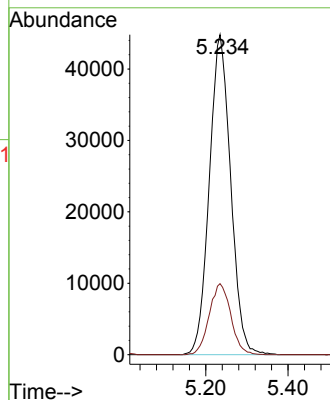
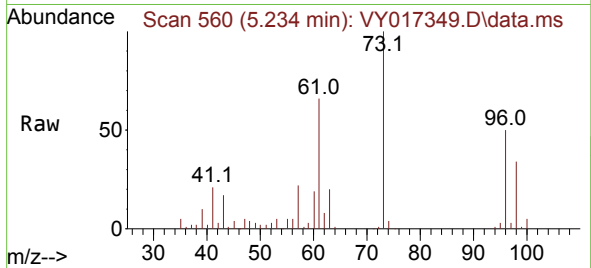




#19
Methyl tert-butyl Ether
Concen: 65.163 ug/l
RT: 5.234 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

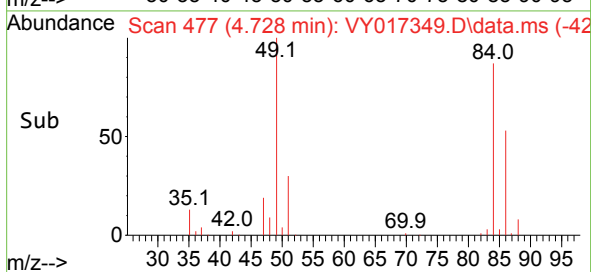
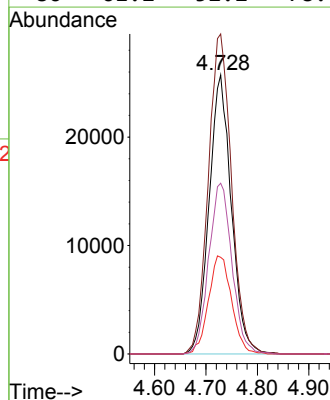
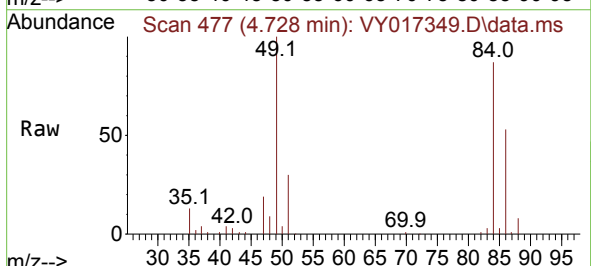
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

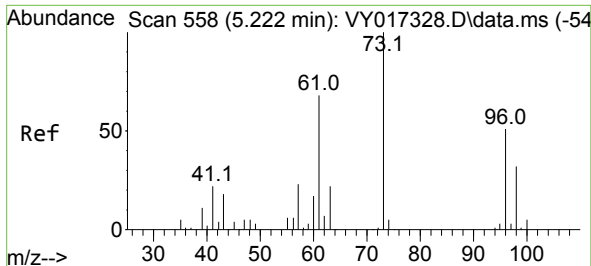
Tgt Ion: 73 Resp: 161230
Ion Ratio Lower Upper
73 100
57 22.2 17.7 26.5



#20
Methylene Chloride
Concen: 69.153 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

Tgt Ion: 84 Resp: 77288
Ion Ratio Lower Upper
84 100
49 114.7 95.2 142.8
51 34.7 29.9 44.9
86 61.2 52.2 78.4

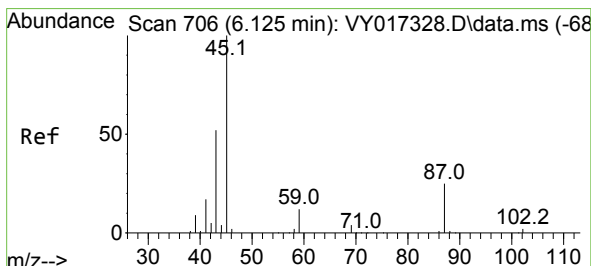
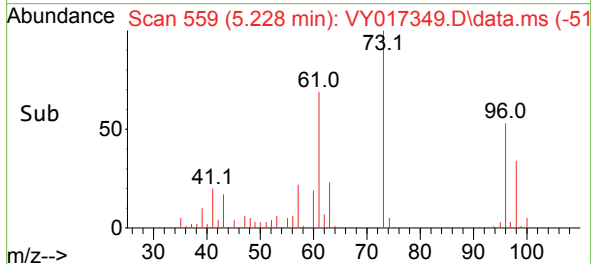
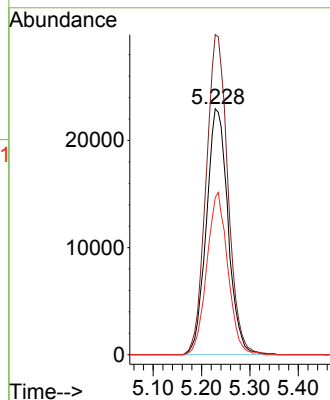
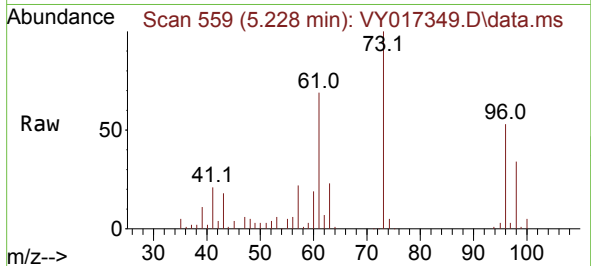




#21
trans-1,2-Dichloroethene
Concen: 61.234 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

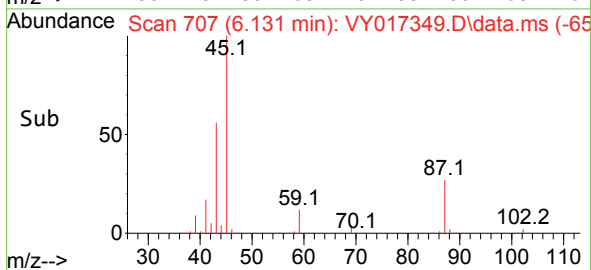
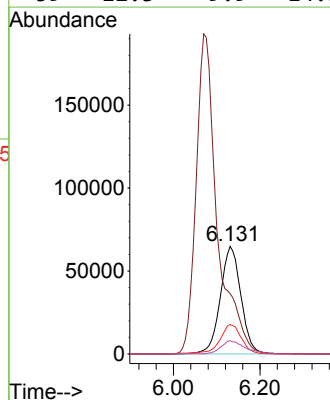
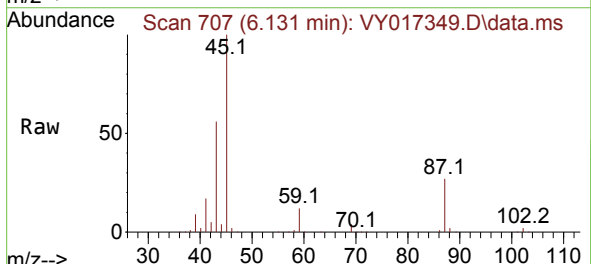
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

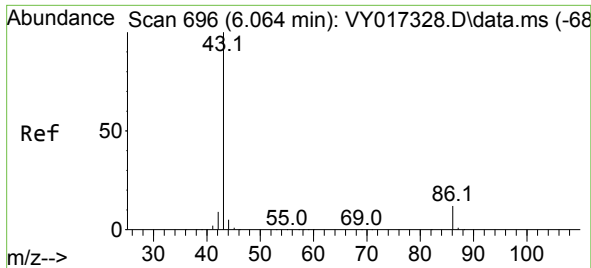
Tgt Ion: 96 Resp: 71565
Ion Ratio Lower Upper
96 100
61 130.1 104.6 156.8
98 63.9 50.9 76.3



#22
Diisopropyl ether
Concen: 62.985 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

Tgt Ion: 45 Resp: 214823
Ion Ratio Lower Upper
45 100
43 55.7 46.8 70.2
87 27.4 22.2 33.2
59 12.3 9.9 14.9

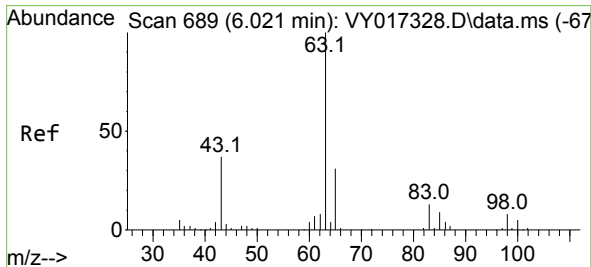
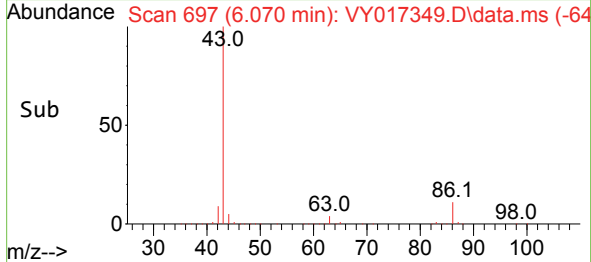
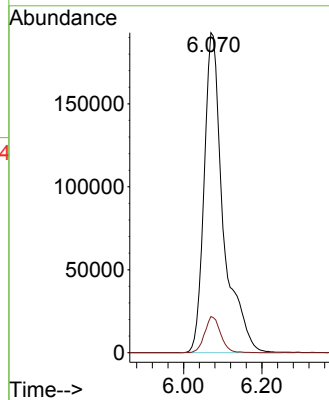
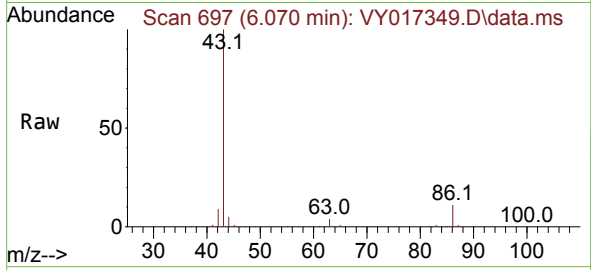




#23
 Vinyl Acetate
 Concen: 315.979 ug/l
 RT: 6.070 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY017349.D
 Acq: 09 Feb 2024 19:05

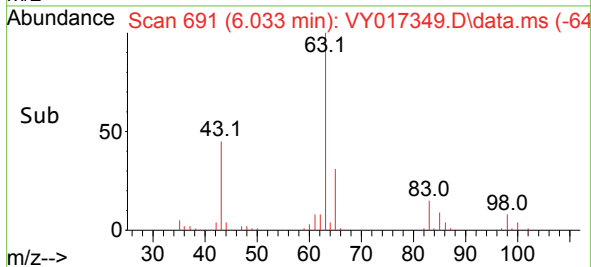
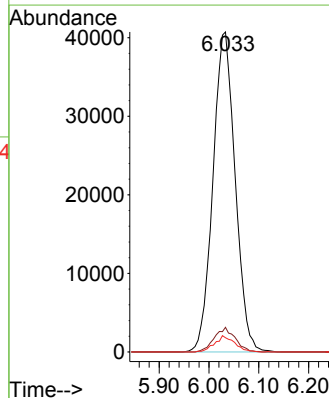
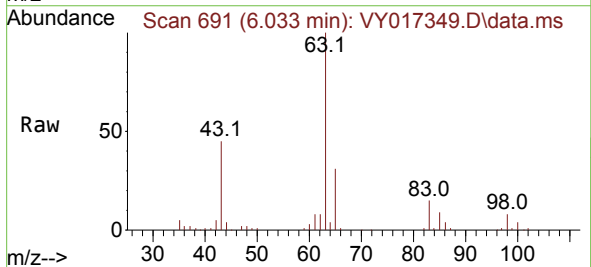
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

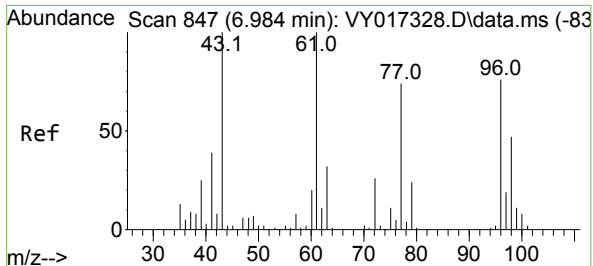
Tgt Ion: 43 Resp: 653005
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 60.367 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY017349.D
 Acq: 09 Feb 2024 19:05

Tgt Ion: 63 Resp: 126129
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.8 11.4
 100 4.5 2.1 6.2





#25

2-Butanone

Concen: 300.888 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY017349.D

Acq: 09 Feb 2024 19:05

Instrument :

MSVOA_Y

ClientSampleId :

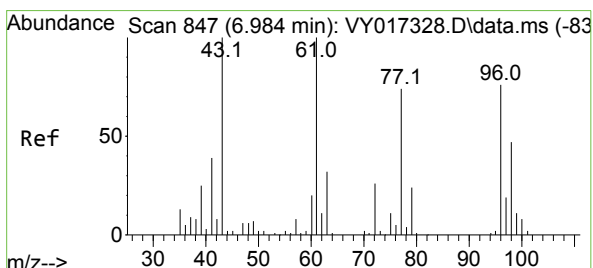
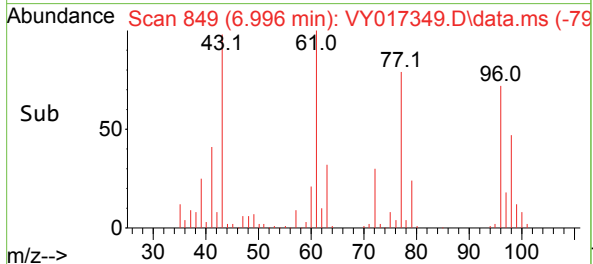
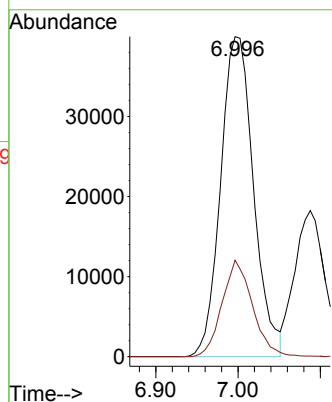
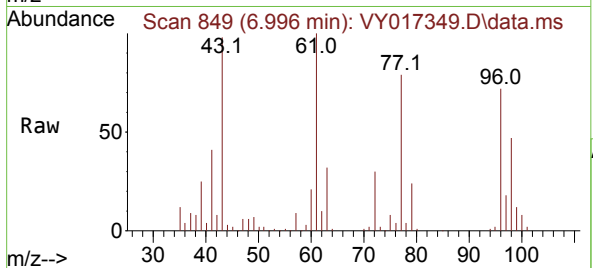
VSTDCCC050EC

Tgt Ion: 43 Resp: 111312

Ion Ratio Lower Upper

43 100

72 30.1 21.4 32.2



#26

2,2-Dichloropropane

Concen: 55.901 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY017349.D

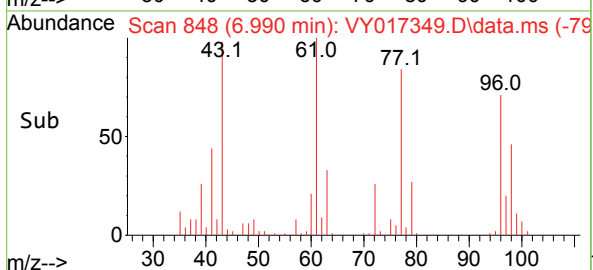
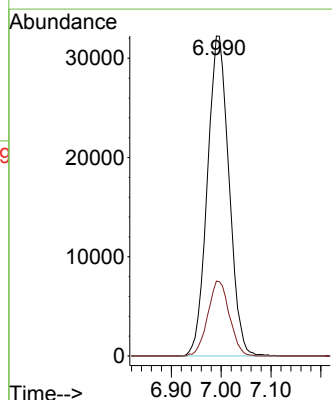
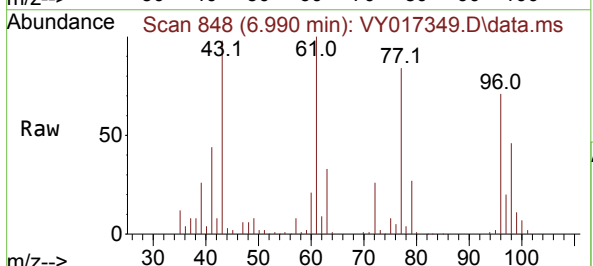
Acq: 09 Feb 2024 19:05

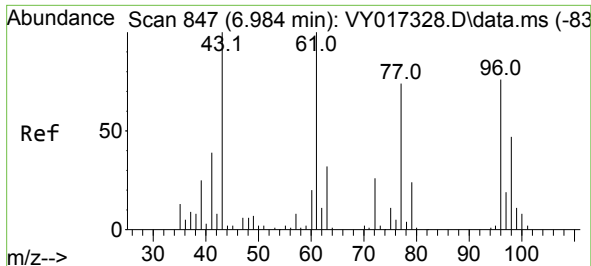
Tgt Ion: 77 Resp: 97151

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.0

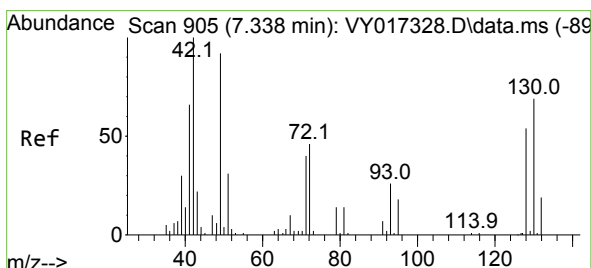
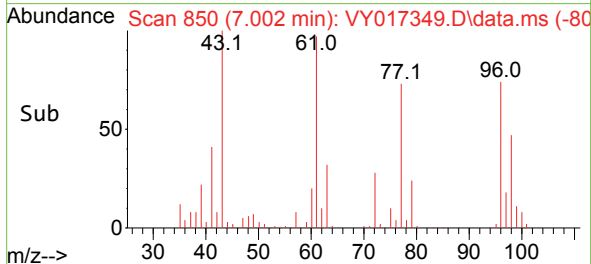
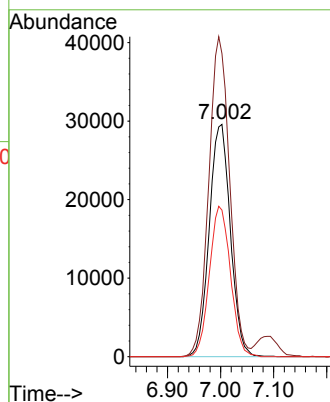
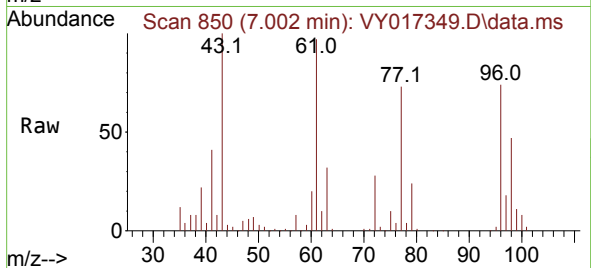




#27
cis-1,2-Dichloroethene
Concen: 62.701 ug/l
RT: 7.002 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

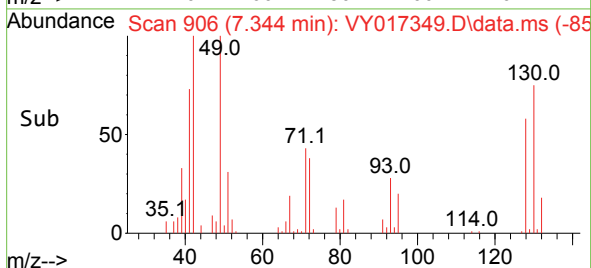
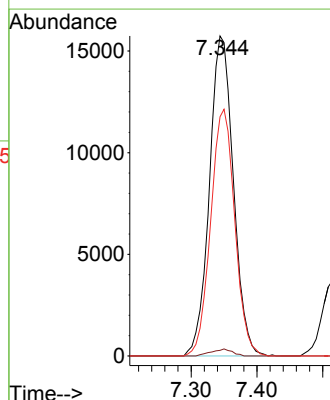
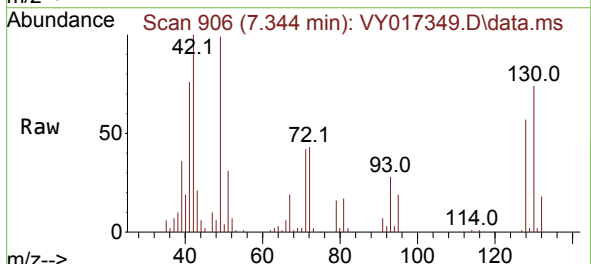
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

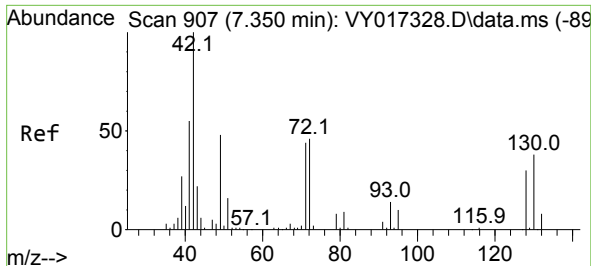
Tgt Ion: 96 Resp: 81960
Ion Ratio Lower Upper
96 100
61 136.5 0.0 278.8
98 64.4 0.0 127.0



#28
Bromochloromethane
Concen: 49.828 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

Tgt Ion: 49 Resp: 39863
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 77.6 59.8 89.8





#29

Tetrahydrofuran

Concen: 342.176 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY017349.D

Acq: 09 Feb 2024 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

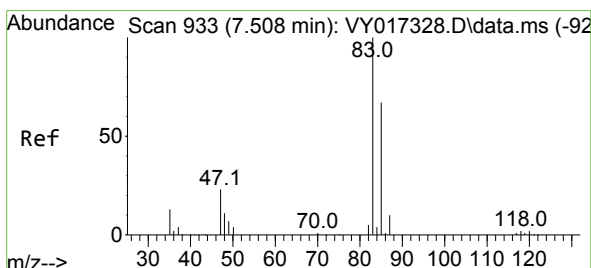
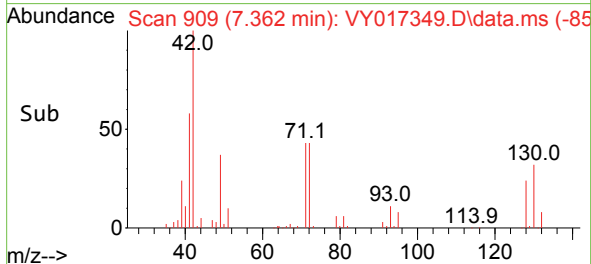
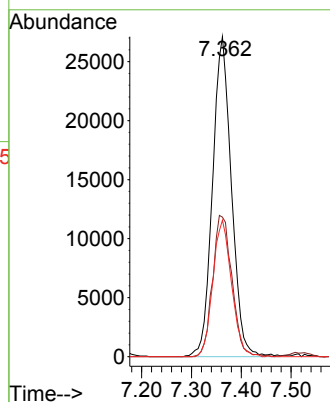
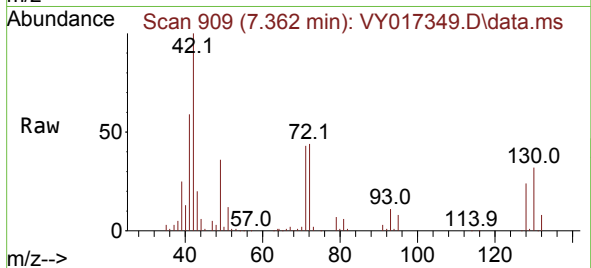
Tgt Ion: 42 Resp: 71508

Ion Ratio Lower Upper

42 100

72 45.3 36.6 54.8

71 42.1 33.8 50.6



#30

Chloroform

Concen: 61.878 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY017349.D

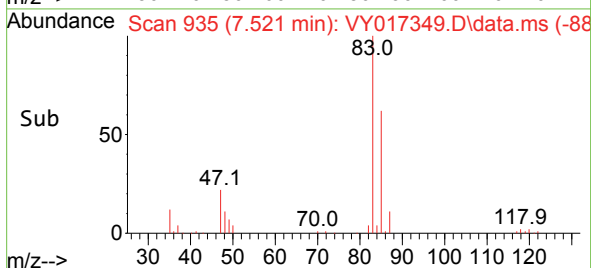
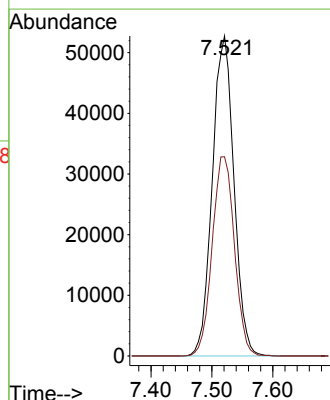
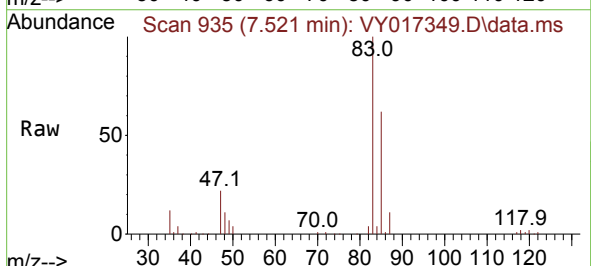
Acq: 09 Feb 2024 19:05

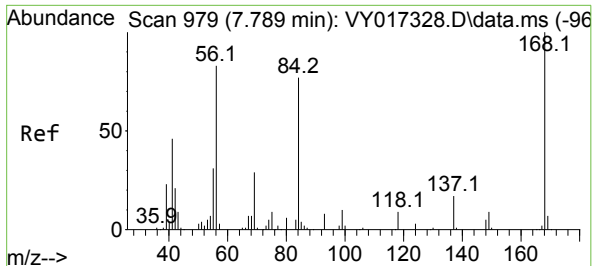
Tgt Ion: 83 Resp: 130058

Ion Ratio Lower Upper

83 100

85 62.3 51.2 76.8





#31

Cyclohexane

Concen: 54.576 ug/l

RT: 7.795 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY017349.D

Acq: 09 Feb 2024 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

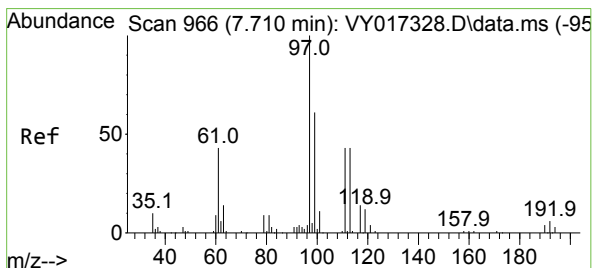
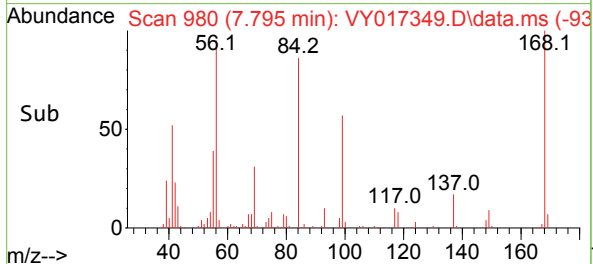
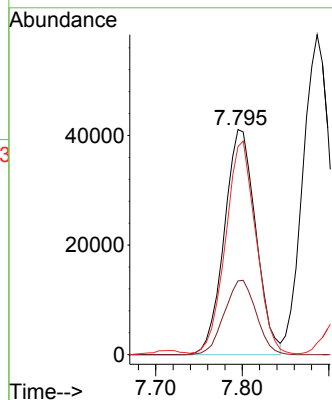
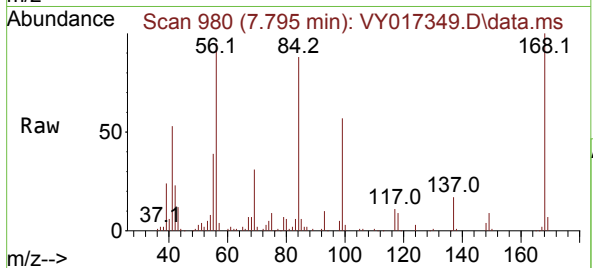
Tgt Ion: 56 Resp: 104154

Ion Ratio Lower Upper

56 100

69 32.7 27.0 40.6

84 91.3 71.8 107.6



#32

1,1,1-Trichloroethane

Concen: 60.097 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY017349.D

Acq: 09 Feb 2024 19:05

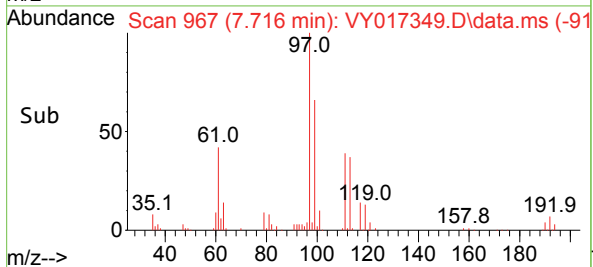
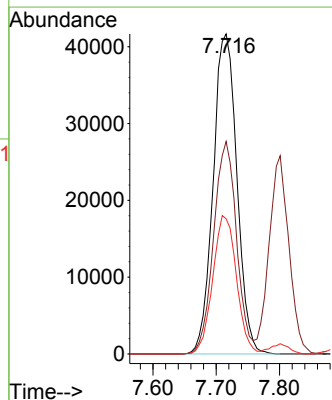
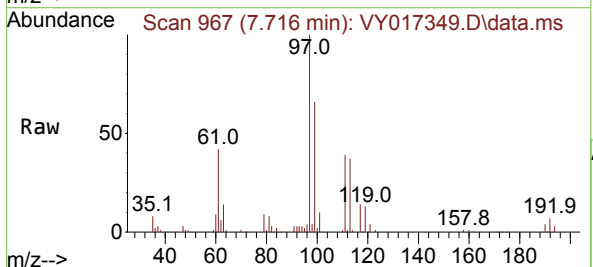
Tgt Ion: 97 Resp: 108651

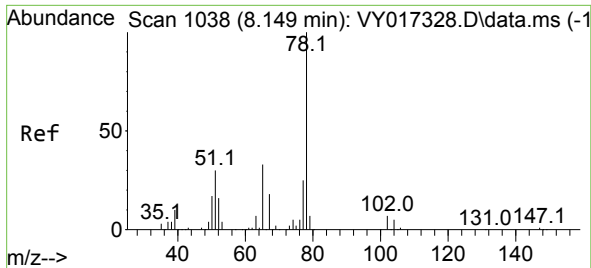
Ion Ratio Lower Upper

97 100

99 64.2 51.2 76.8

61 43.2 35.0 52.6

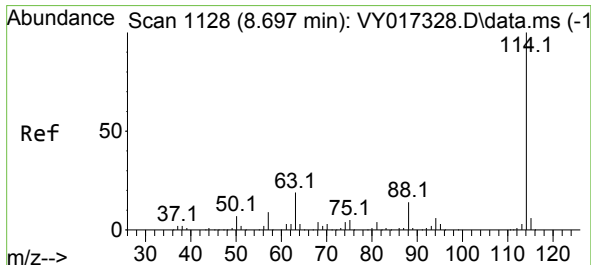
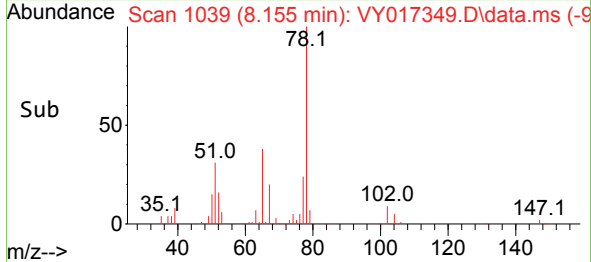
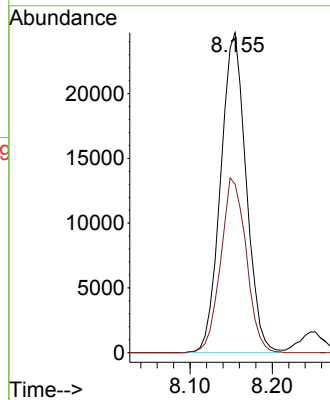
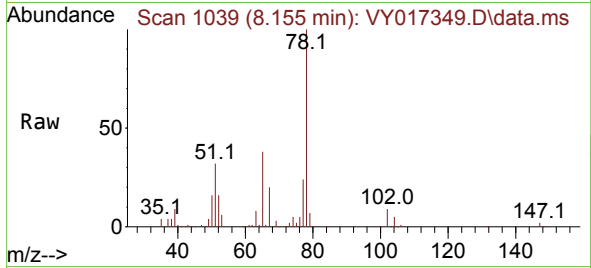




#33
1,2-Dichloroethane-d4
Concen: 56.186 ug/l
RT: 8.155 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

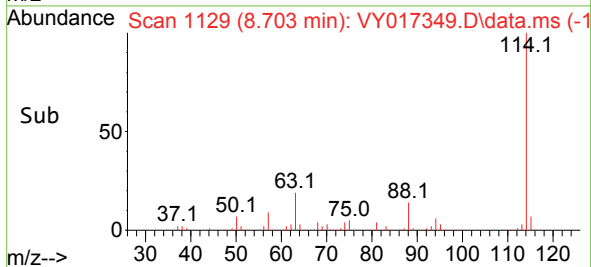
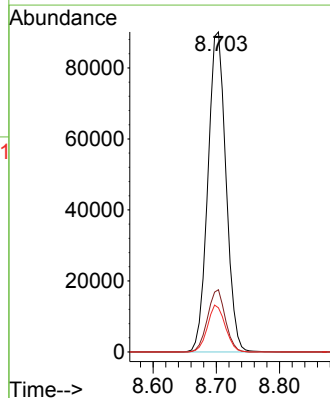
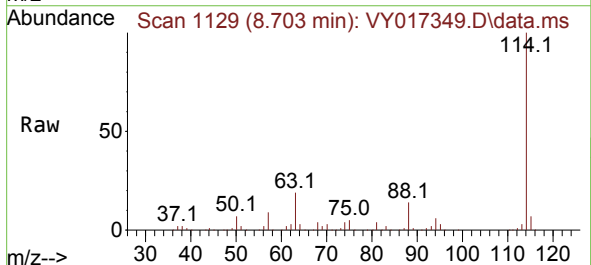
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

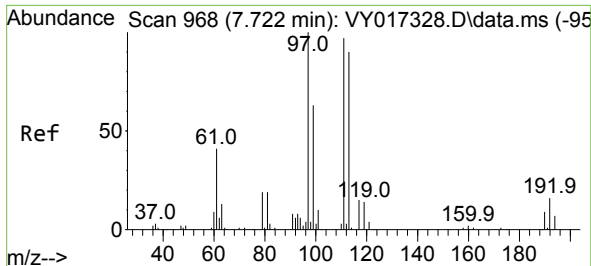
Tgt Ion: 65 Resp: 53198
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

Tgt Ion: 114 Resp: 178997
Ion Ratio Lower Upper
114 100
63 19.5 0.0 37.4
88 13.8 0.0 29.0

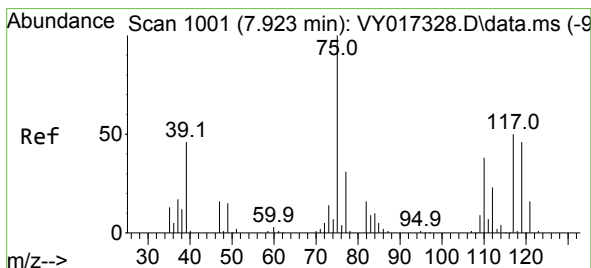
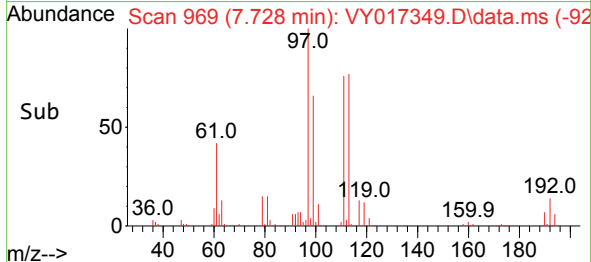
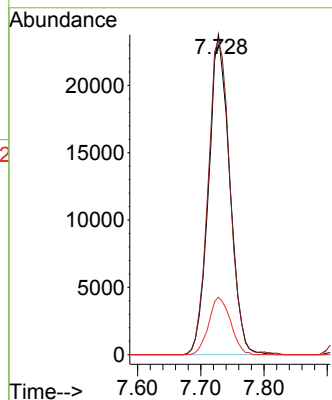
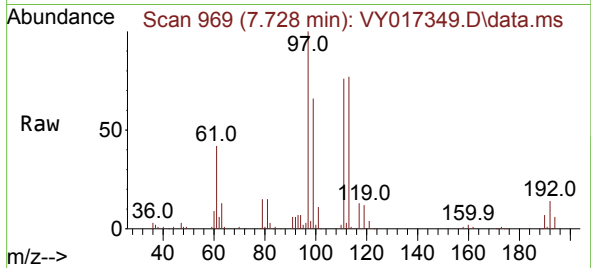




#35
Dibromofluoromethane
Concen: 56.887 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

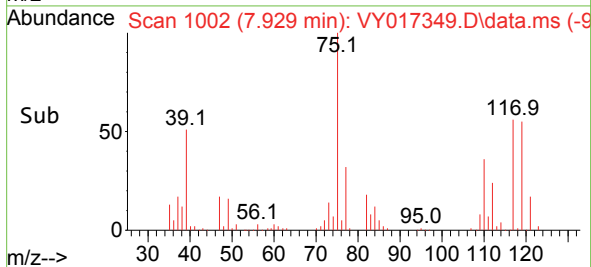
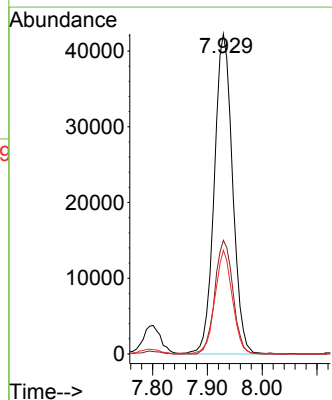
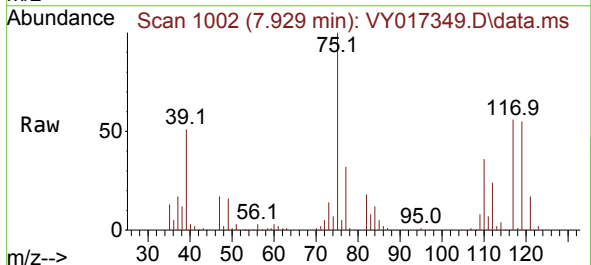
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

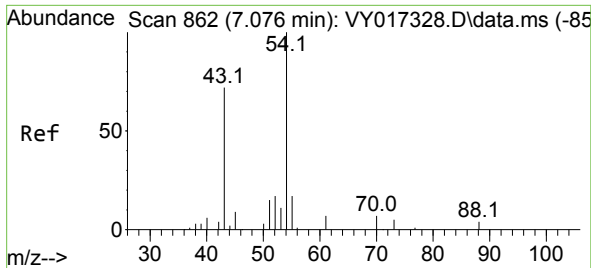
Tgt Ion:113 Resp: 54980
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 18.6 14.5 21.7



#36
1,1-Dichloropropene
Concen: 58.638 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

Tgt Ion: 75 Resp: 97756
Ion Ratio Lower Upper
75 100
110 35.1 17.4 52.3
77 31.0 24.7 37.1

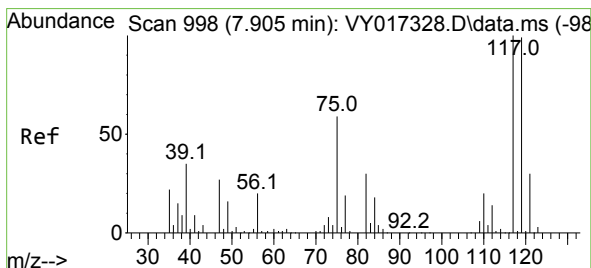
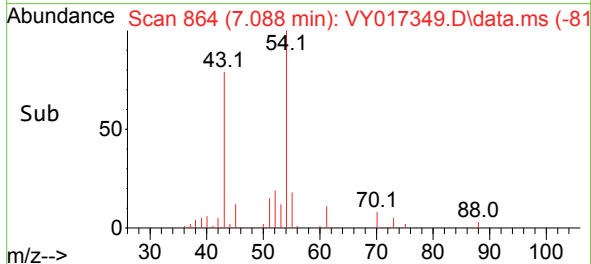
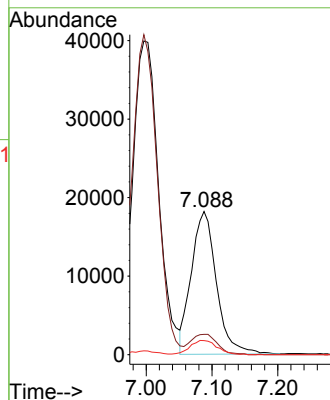
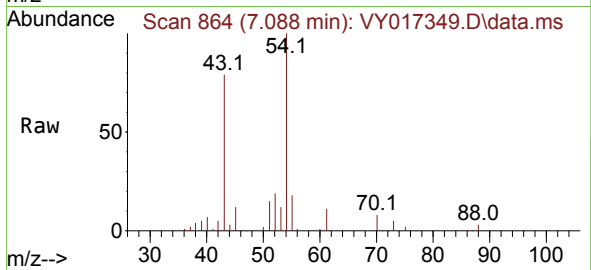




#37
Ethyl Acetate
Concen: 62.323 ug/l
RT: 7.088 min Scan# 864
Delta R.T. 0.006 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

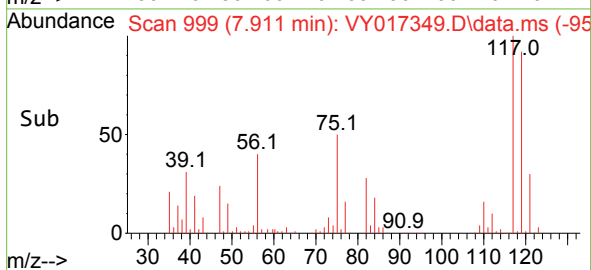
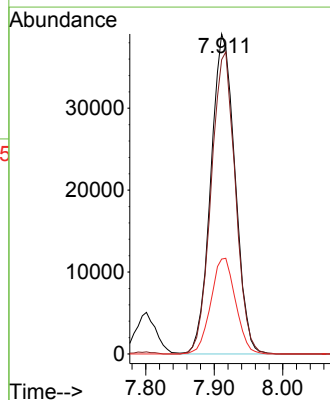
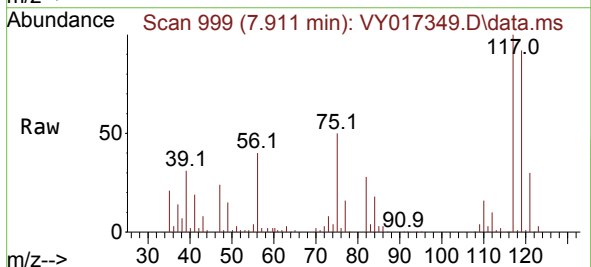
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

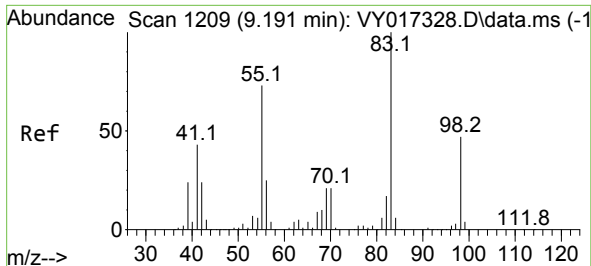
Tgt Ion: 43 Resp: 48189
Ion Ratio Lower Upper
43 100
61 14.9 11.0 16.6
70 10.8 8.1 12.1



#38
Carbon Tetrachloride
Concen: 60.034 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

Tgt Ion: 117 Resp: 95825
Ion Ratio Lower Upper
117 100
119 92.0 76.0 114.0
121 29.6 24.2 36.2





#39

Methylcyclohexane

Concen: 58.181 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017349.D

Acq: 09 Feb 2024 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

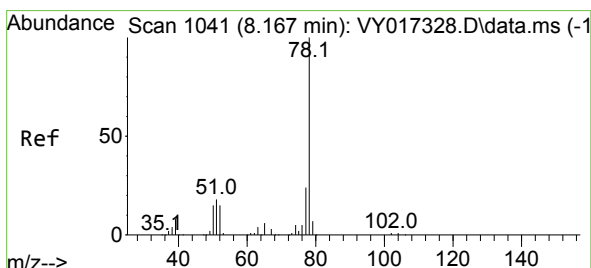
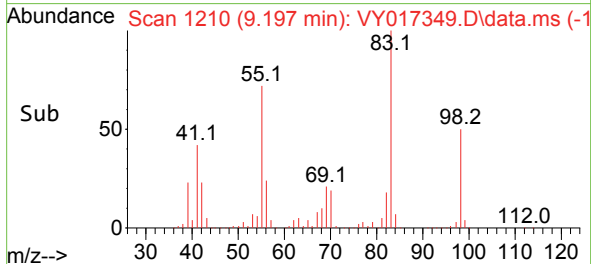
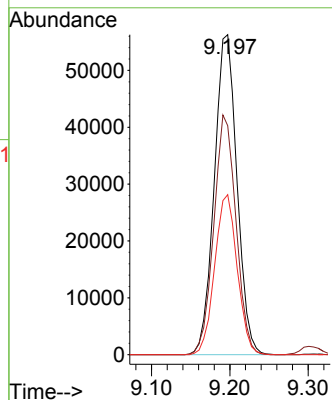
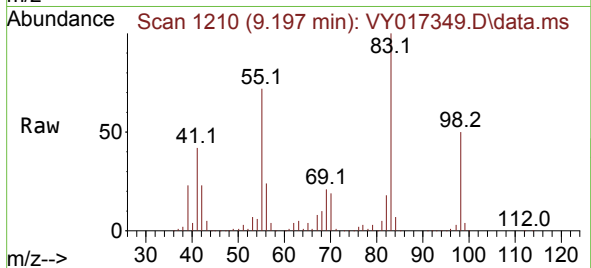
Tgt Ion: 83 Resp: 113314

Ion Ratio Lower Upper

83 100

55 71.5 59.7 89.5

98 50.0 38.0 57.0



#40

Benzene

Concen: 62.267 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY017349.D

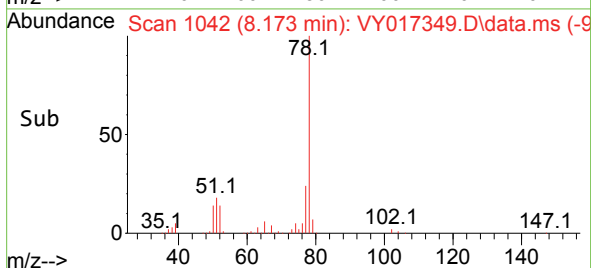
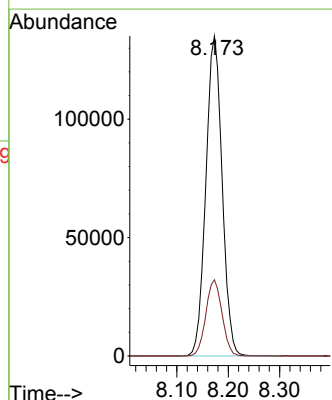
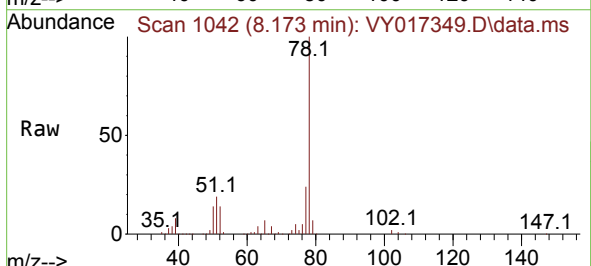
Acq: 09 Feb 2024 19:05

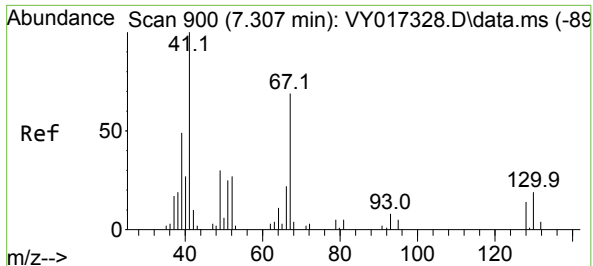
Tgt Ion: 78 Resp: 296438

Ion Ratio Lower Upper

78 100

77 23.8 18.8 28.2

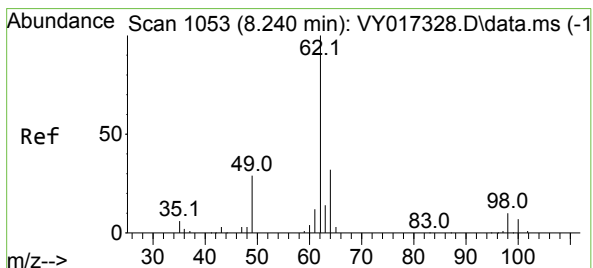
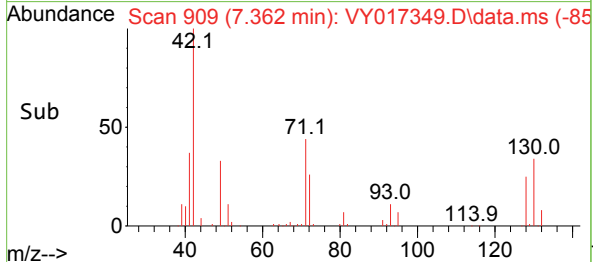
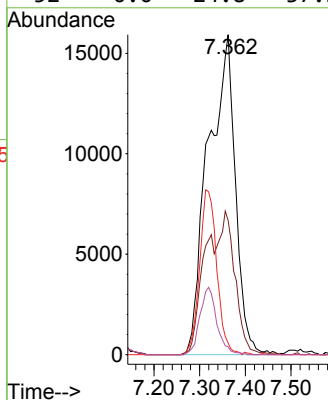
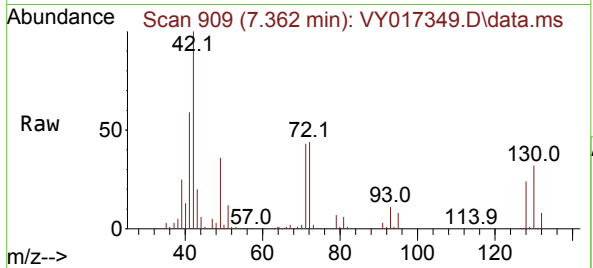




#41
Methacrylonitrile
Concen: 179.213 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.043 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

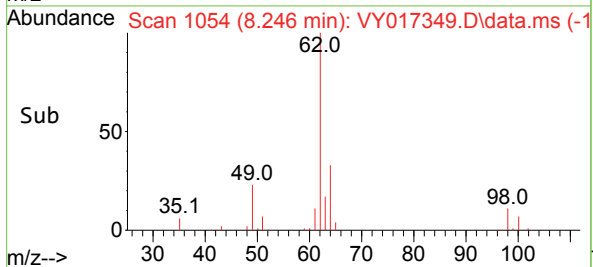
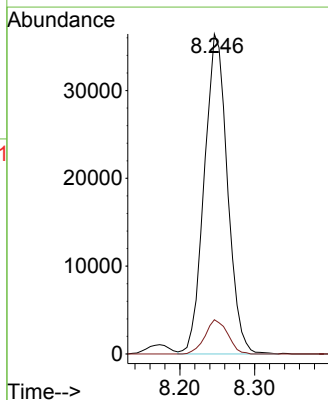
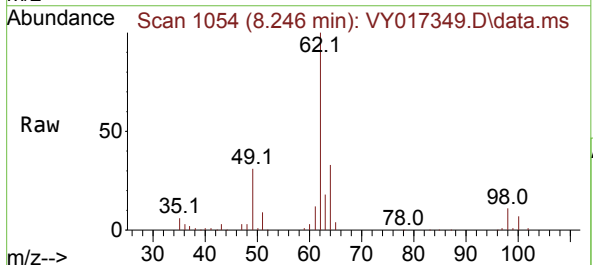
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

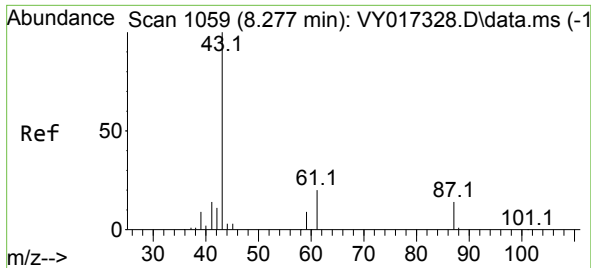
Tgt Ion: 41 Resp: 65654
Ion Ratio Lower Upper
41 100
39 0.0 41.9 62.9#
67 0.0 59.8 89.6#
52 0.0 24.8 37.2#



#42
1,2-Dichloroethane
Concen: 62.278 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

Tgt Ion: 62 Resp: 78501
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.2

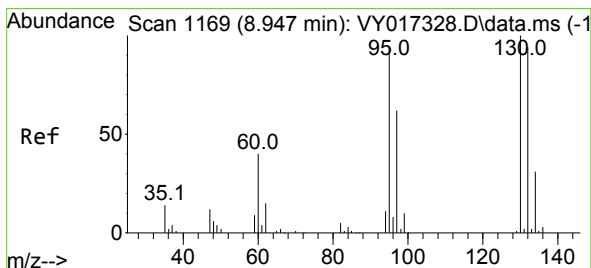
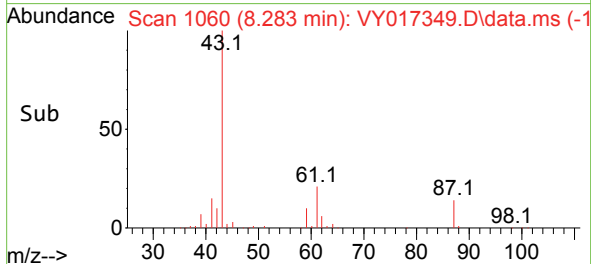
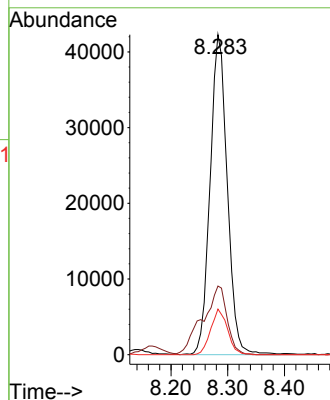
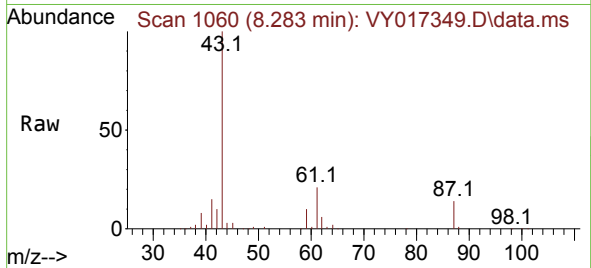




#43
Isopropyl Acetate
Concen: 64.939 ug/l
RT: 8.283 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

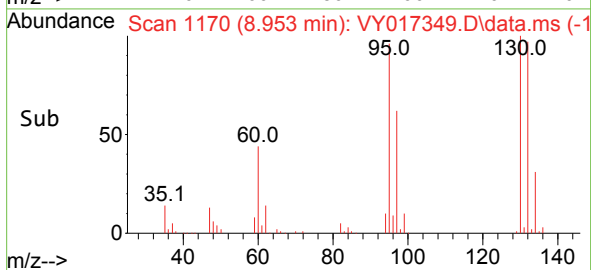
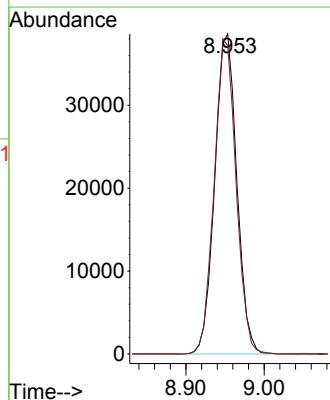
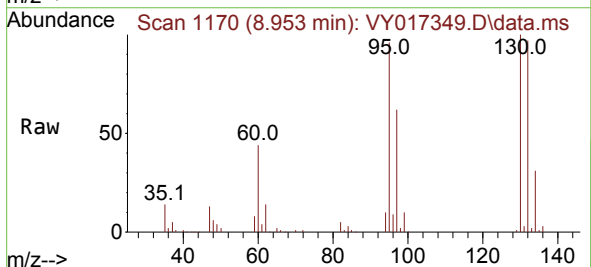
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

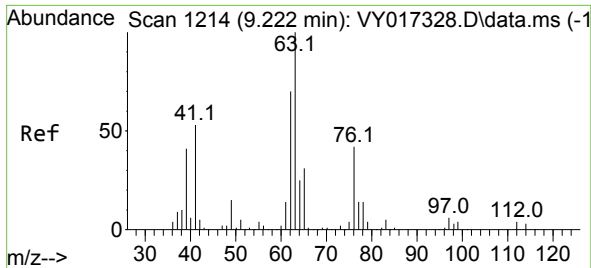
Tgt Ion: 43 Resp: 88886
Ion Ratio Lower Upper
43 100
61 30.5 24.8 37.2
87 14.0 10.7 16.1



#44
Trichloroethene
Concen: 62.491 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

Tgt Ion: 130 Resp: 75519
Ion Ratio Lower Upper
130 100
95 96.4 0.0 203.8

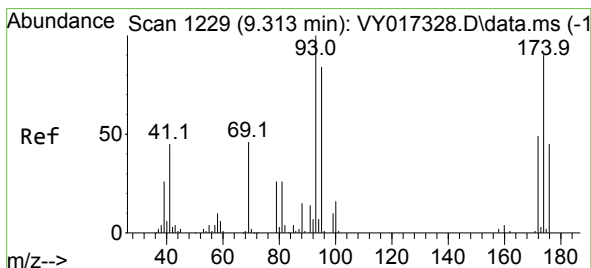
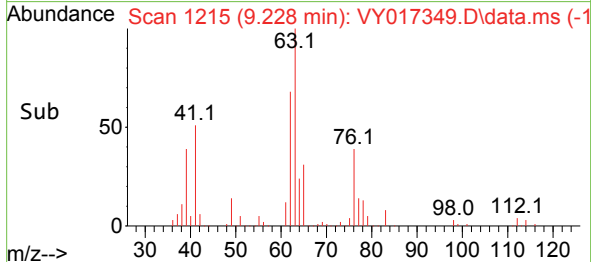
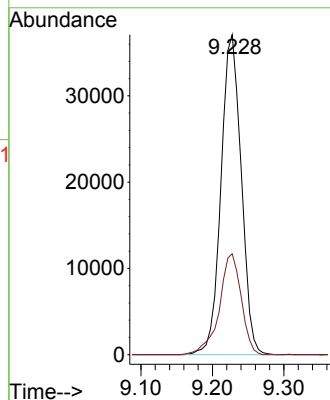
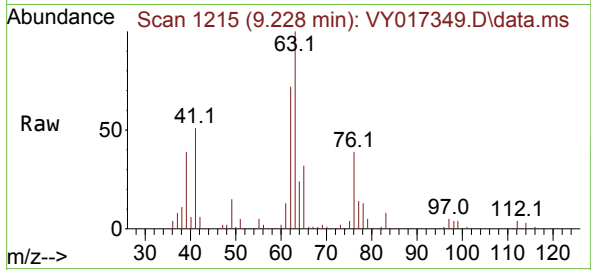




#45
1,2-Dichloropropane
Concen: 62.339 ug/l
RT: 9.228 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

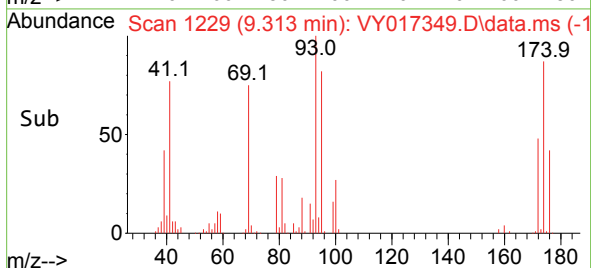
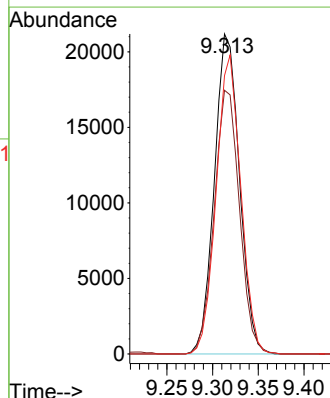
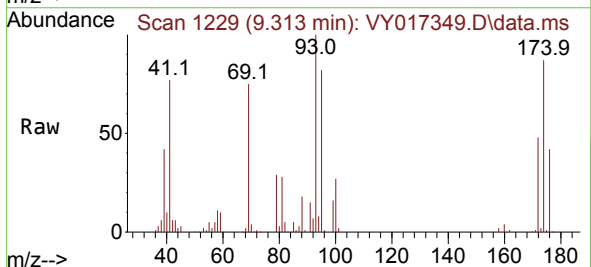
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

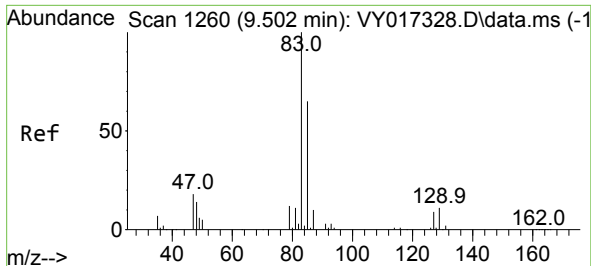
Tgt Ion: 63 Resp: 72898
Ion Ratio Lower Upper
63 100
65 31.6 24.6 36.8



#46
Dibromomethane
Concen: 64.026 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

Tgt Ion: 93 Resp: 40443
Ion Ratio Lower Upper
93 100
95 83.1 66.6 99.8
174 91.6 73.8 110.6

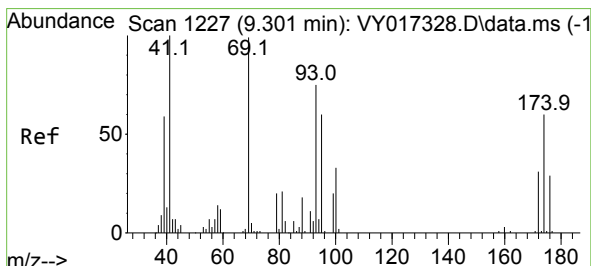
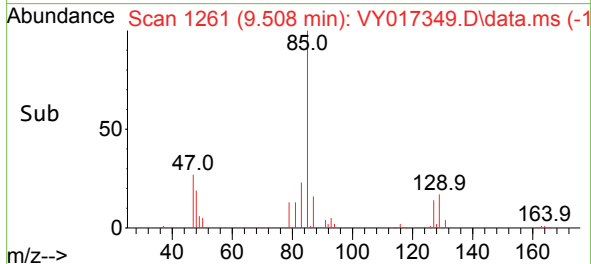
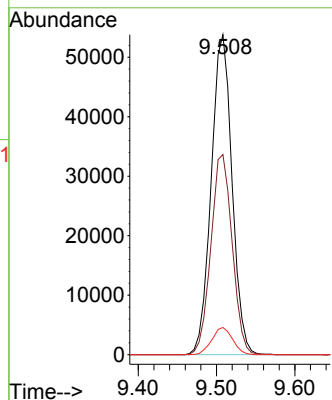
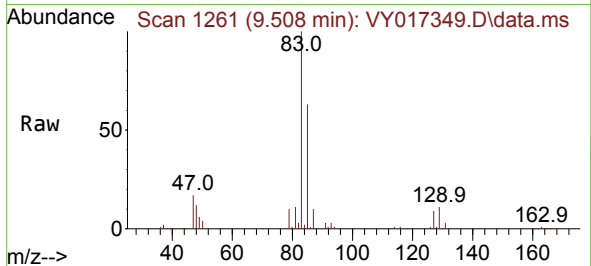




#47
Bromodichloromethane
Concen: 62.769 ug/l
RT: 9.508 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

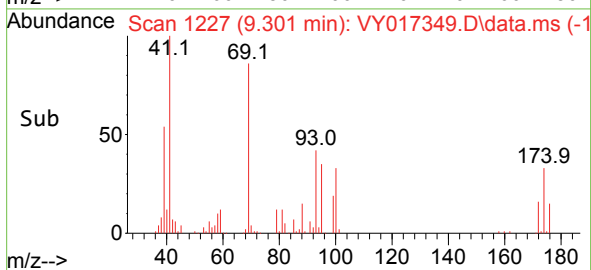
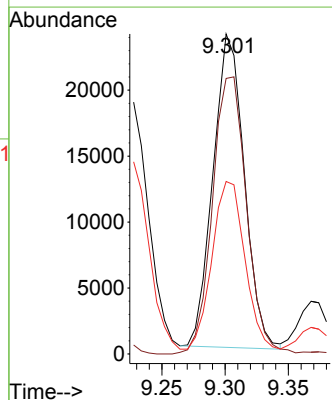
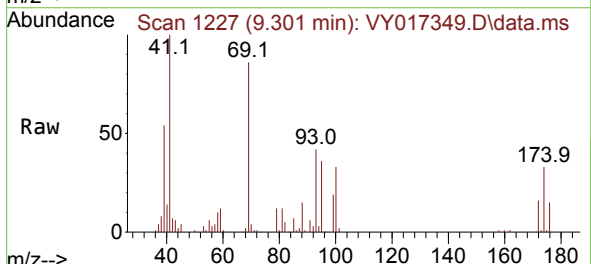
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

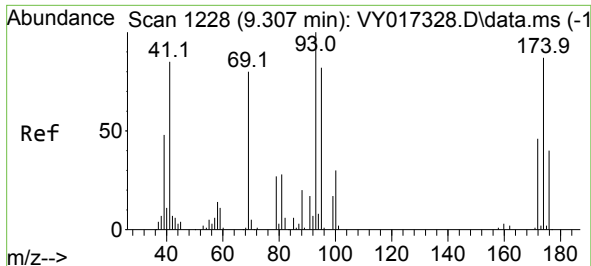
Tgt Ion: 83 Resp: 99227
Ion Ratio Lower Upper
83 100
85 62.6 53.2 79.8
127 8.5 6.4 9.6



#48
Methyl methacrylate
Concen: 63.691 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

Tgt Ion: 41 Resp: 40891
Ion Ratio Lower Upper
41 100
69 96.3 72.1 108.1
39 59.7 42.8 64.2





#49

1,4-Dioxane

Concen: 1421.890 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017349.D

Acq: 09 Feb 2024 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

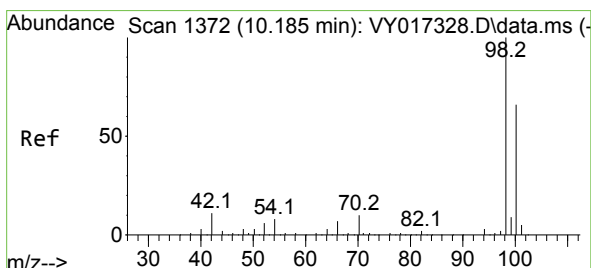
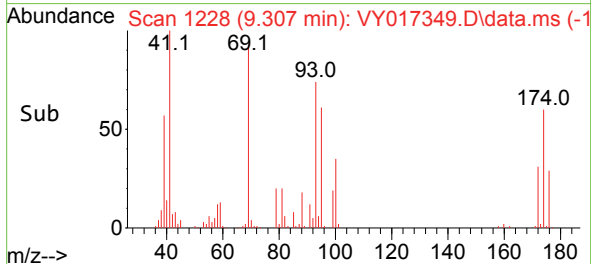
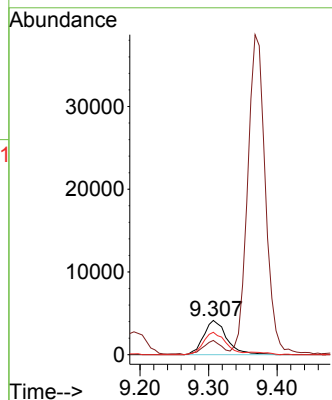
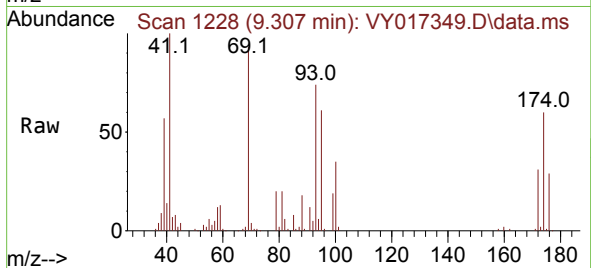
Tgt Ion: 88 Resp: 9776

Ion Ratio Lower Upper

88 100

43 33.8 28.2 42.4

58 63.4 52.2 78.2



#50

Toluene-d8

Concen: 56.050 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017349.D

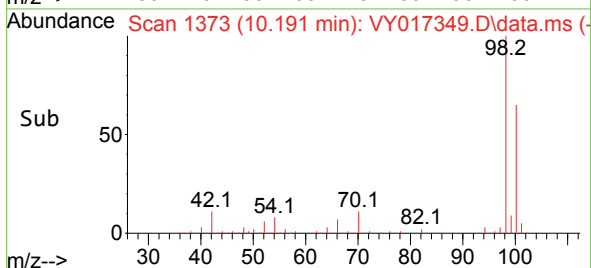
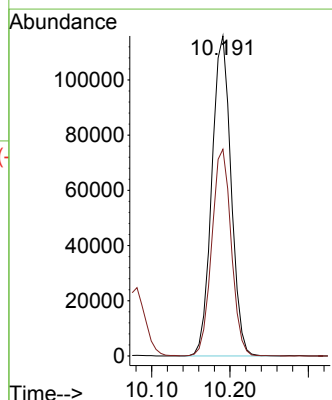
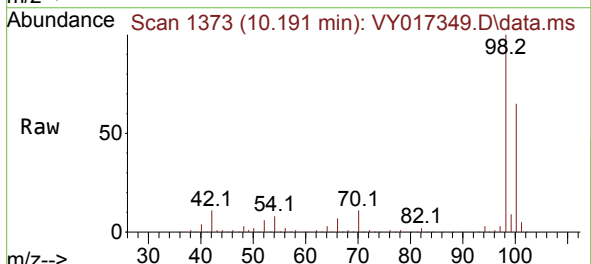
Acq: 09 Feb 2024 19:05

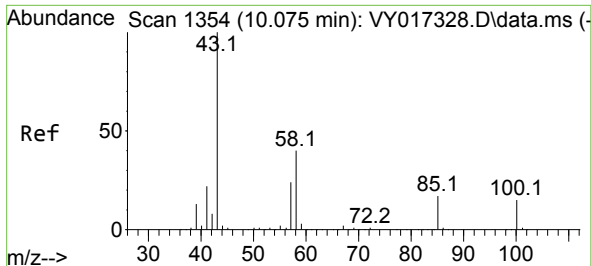
Tgt Ion: 98 Resp: 197230

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 347.213 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. 0.006 min

Lab File: VY017349.D

Acq: 09 Feb 2024 19:05

Instrument :

MSVOA_Y

ClientSampleId :

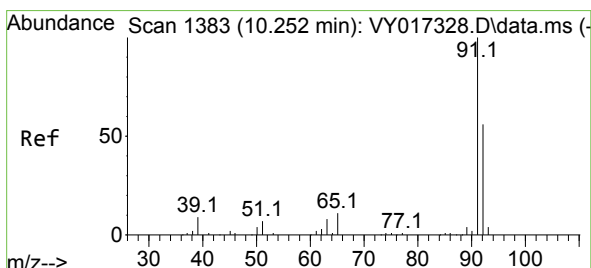
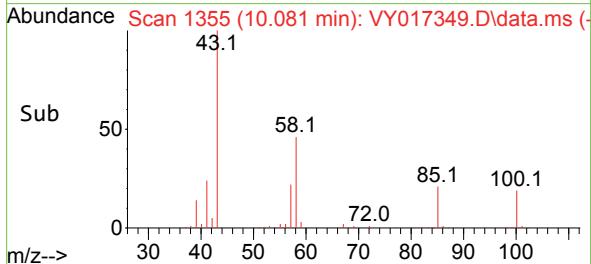
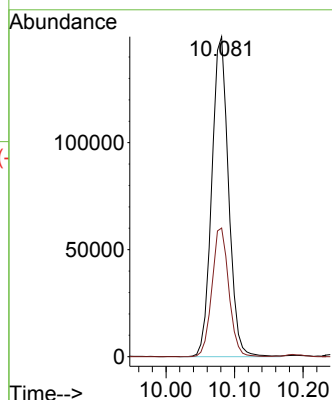
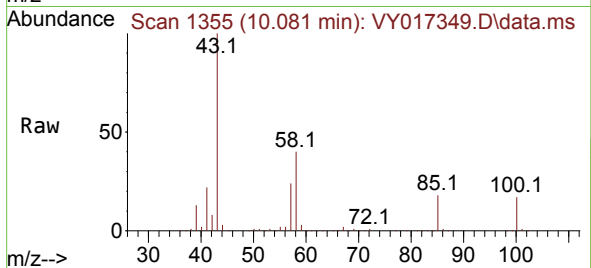
VSTDCCC050EC

Tgt Ion: 43 Resp: 254756

Ion Ratio Lower Upper

43 100

58 40.4 32.2 48.2



#52

Toluene

Concen: 62.556 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VY017349.D

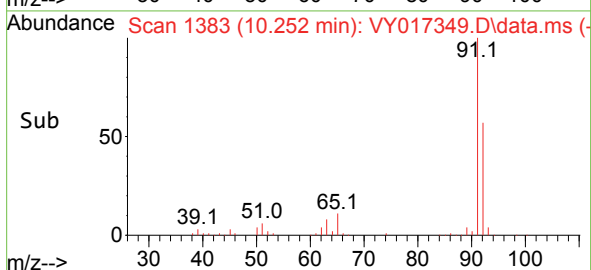
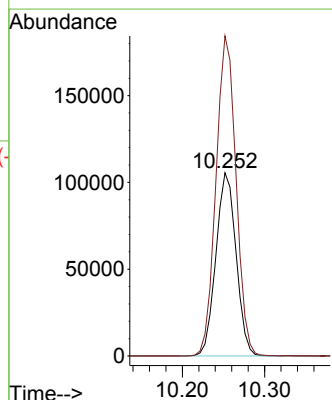
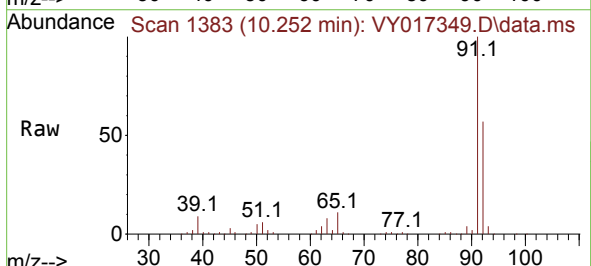
Acq: 09 Feb 2024 19:05

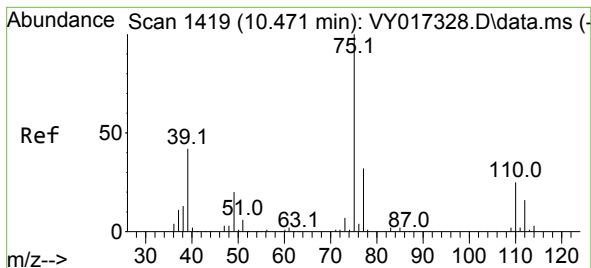
Tgt Ion: 92 Resp: 179761

Ion Ratio Lower Upper

92 100

91 173.9 137.6 206.4

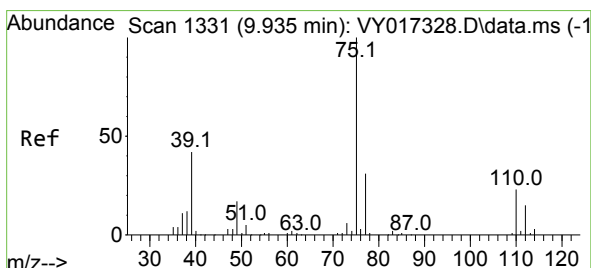
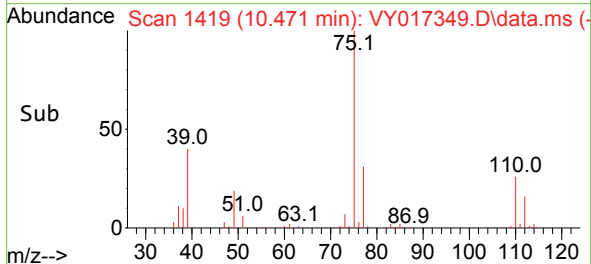
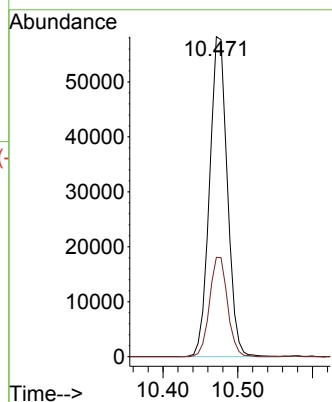
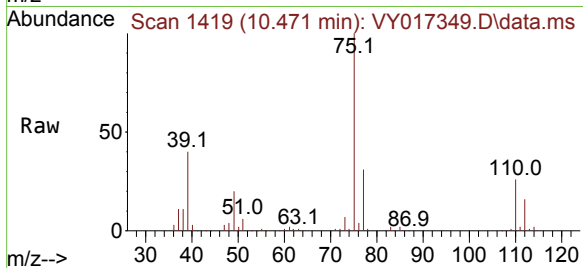




#53
t-1,3-Dichloropropene
Concen: 65.013 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

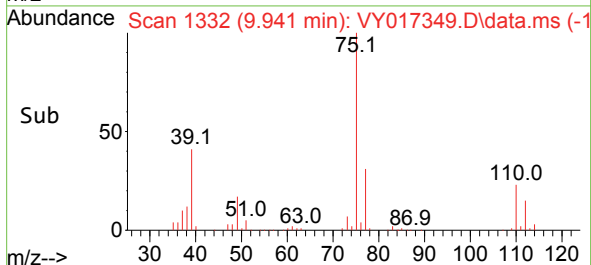
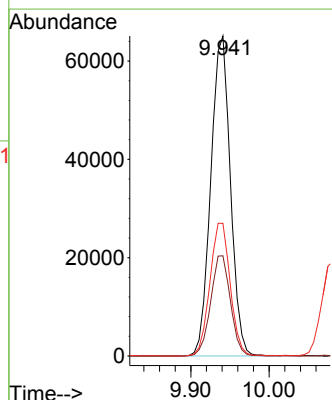
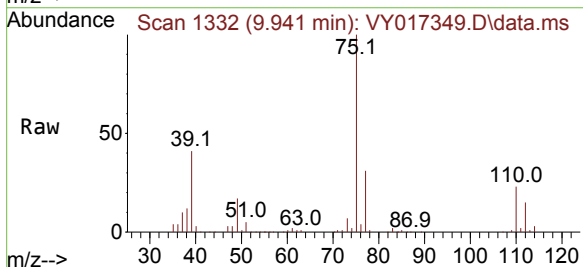
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

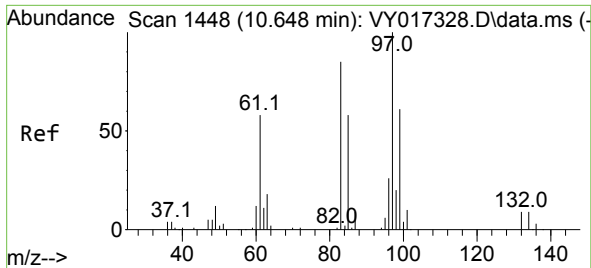
Tgt Ion: 75 Resp: 96536
Ion Ratio Lower Upper
75 100
77 31.0 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 63.642 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. 0.006 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

Tgt Ion: 75 Resp: 113191
Ion Ratio Lower Upper
75 100
77 31.3 24.6 36.8
39 41.4 33.6 50.4

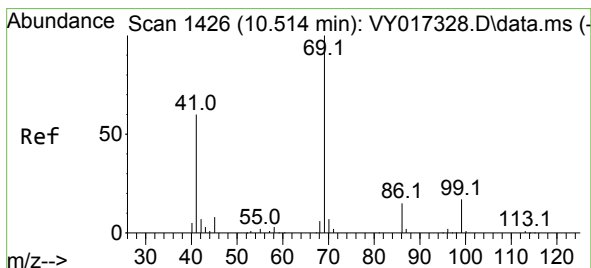
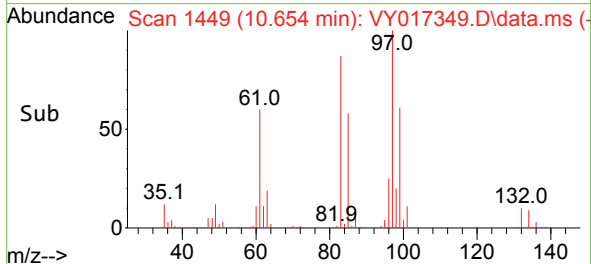
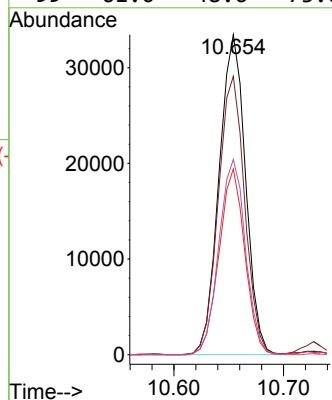
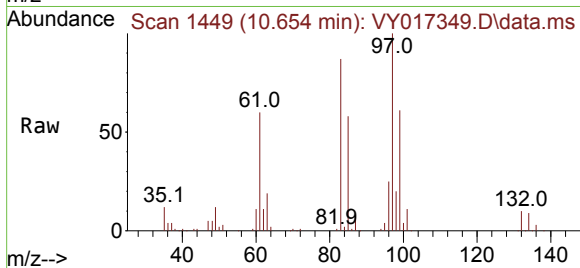




#55
1,1,2-Trichloroethane
Concen: 65.261 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

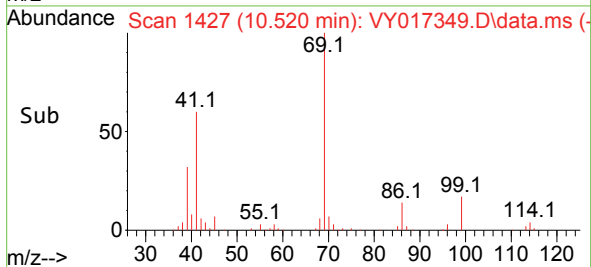
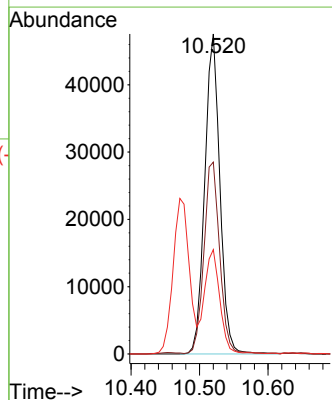
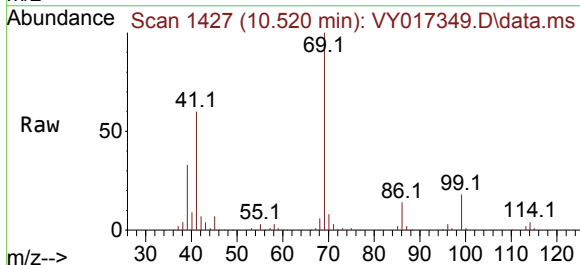
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

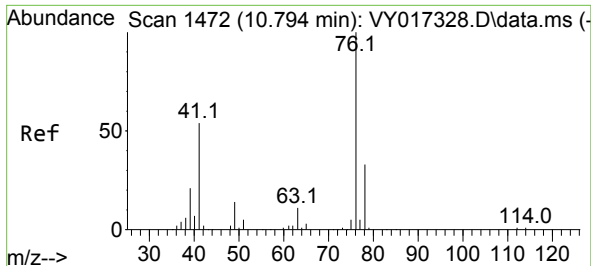
Tgt Ion: 97	Resp: 56087
Ion Ratio	Lower Upper
97	100
83	87.0 69.4 104.2
85	58.1 43.9 65.9
99	61.0 48.6 73.0



#56
Ethyl methacrylate
Concen: 62.554 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

Tgt Ion: 69	Resp: 73260
Ion Ratio	Lower Upper
69	100
41	62.0 49.2 73.8
39	33.5 26.8 40.2

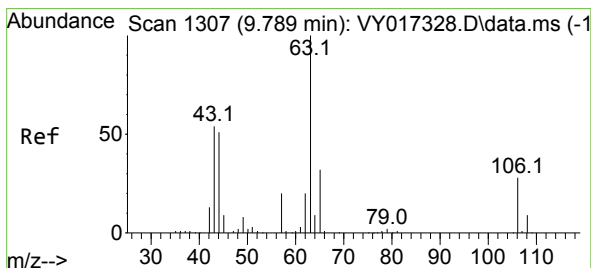
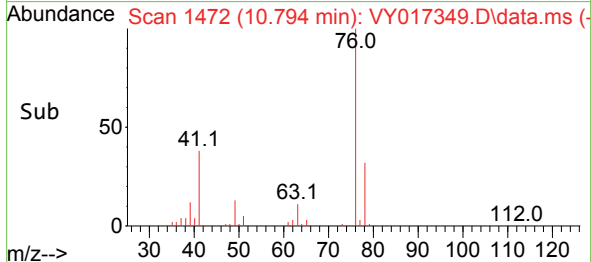
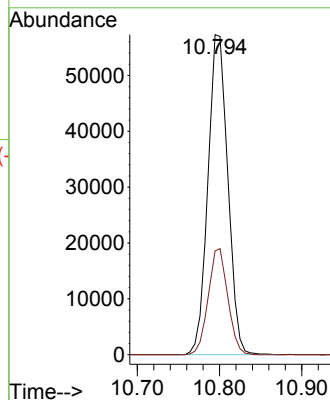
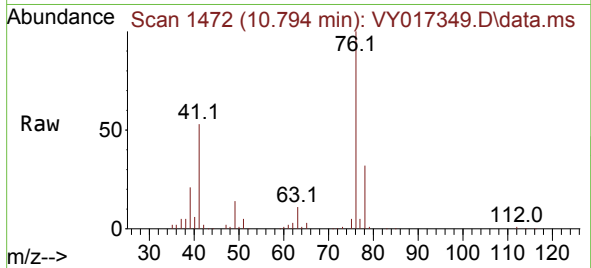




#57
1,3-Dichloropropane
Concen: 65.163 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

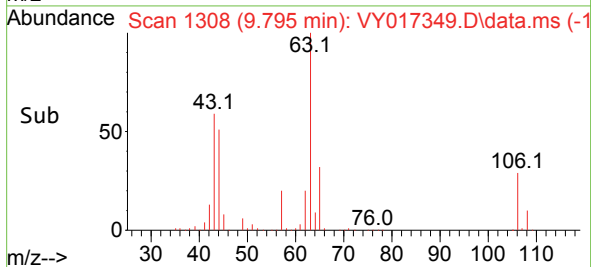
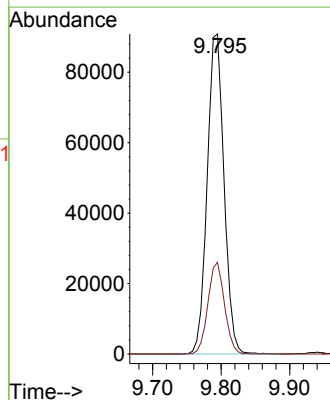
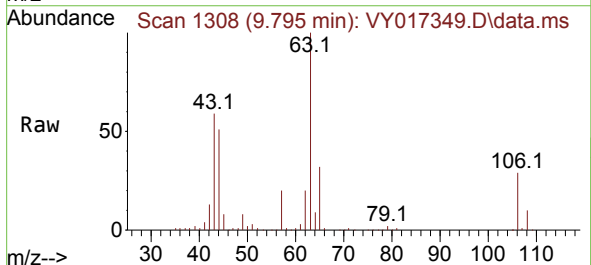
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

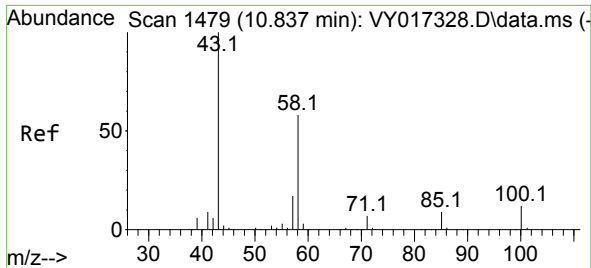
Tgt Ion: 76 Resp: 96322
Ion Ratio Lower Upper
76 100
78 32.6 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 289.780 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

Tgt Ion: 63 Resp: 155150
Ion Ratio Lower Upper
63 100
106 28.1 22.4 33.6

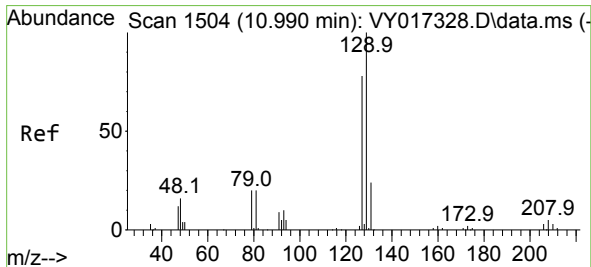
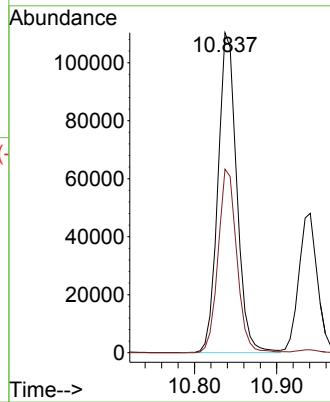
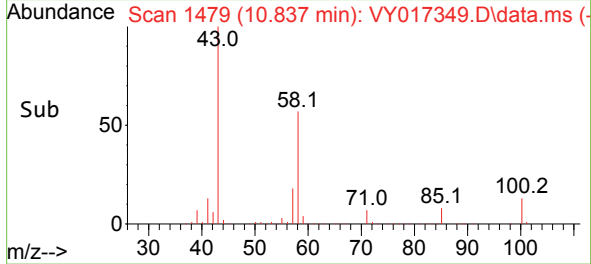
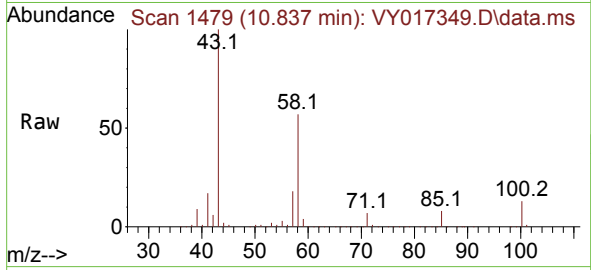




#59
2-Hexanone
Concen: 330.230 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

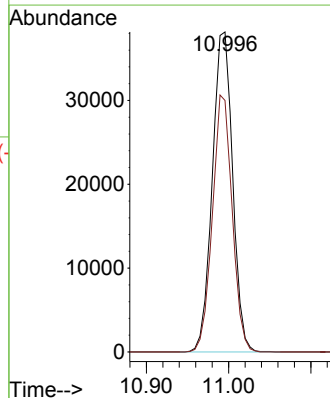
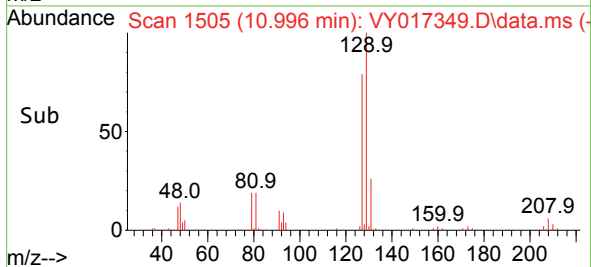
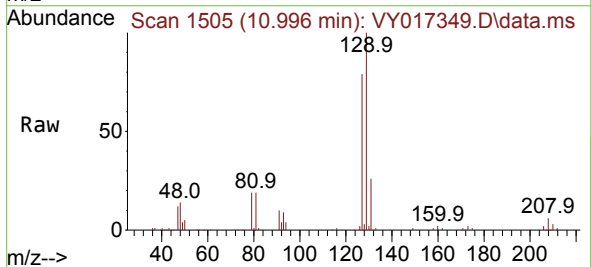
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

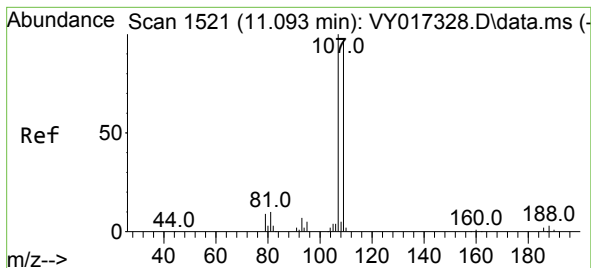
Tgt Ion: 43 Resp: 175205
Ion Ratio Lower Upper
43 100
58 57.1 28.1 84.3



#60
Dibromochloromethane
Concen: 64.900 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

Tgt Ion:129 Resp: 65434
Ion Ratio Lower Upper
129 100
127 78.1 39.2 117.6





#61

1,2-Dibromoethane

Concen: 65.836 ug/l

RT: 11.099 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017349.D

Acq: 09 Feb 2024 19:05

Instrument :

MSVOA_Y

ClientSampleId :

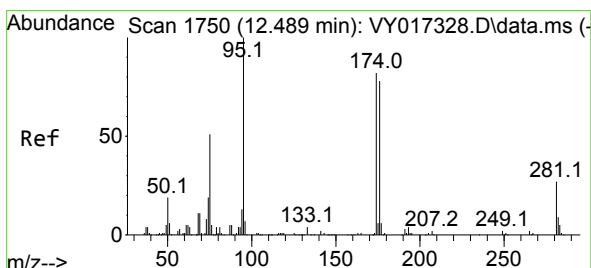
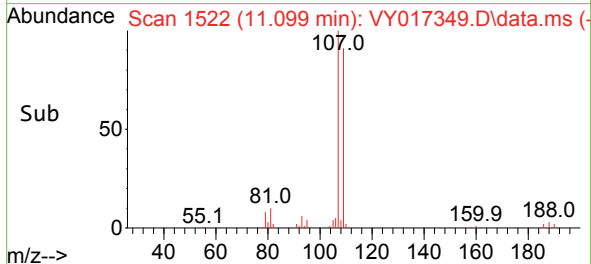
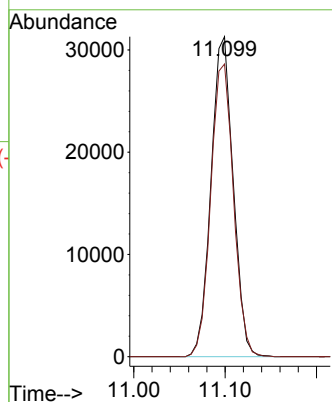
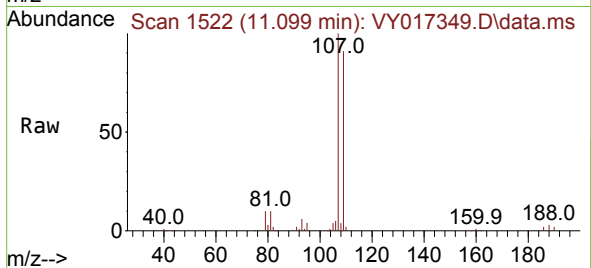
VSTDCCC050EC

Tgt Ion:107 Resp: 52622

Ion Ratio Lower Upper

107 100

109 94.0 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 57.898 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017349.D

Acq: 09 Feb 2024 19:05

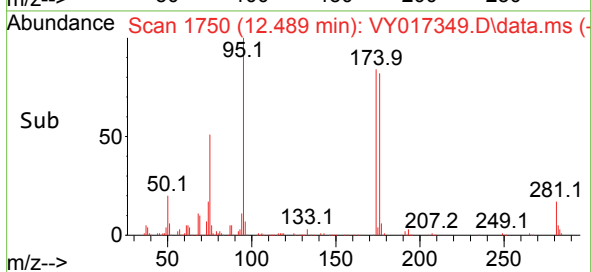
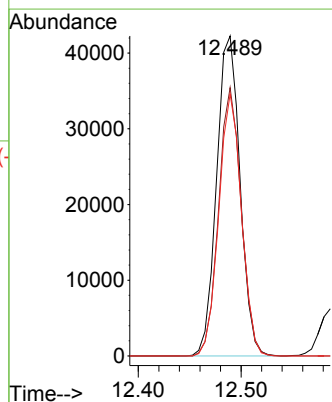
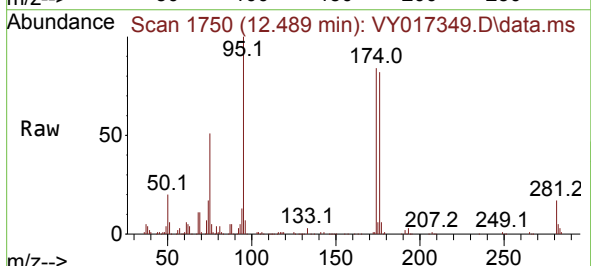
Tgt Ion: 95 Resp: 66740

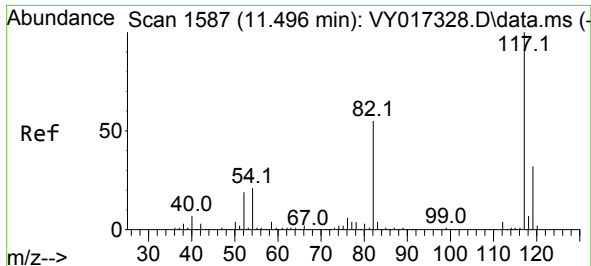
Ion Ratio Lower Upper

95 100

174 81.1 0.0 160.0

176 79.1 0.0 151.8

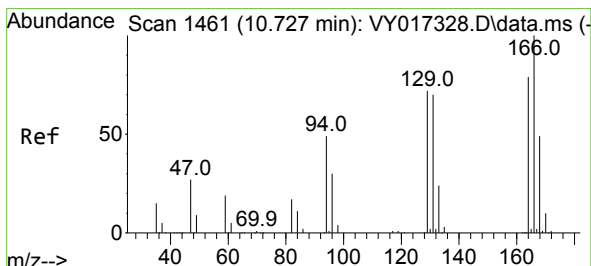
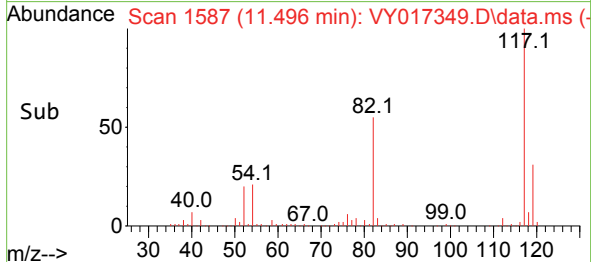
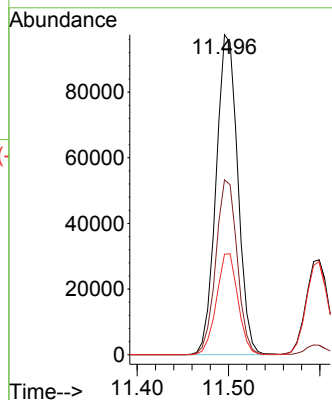
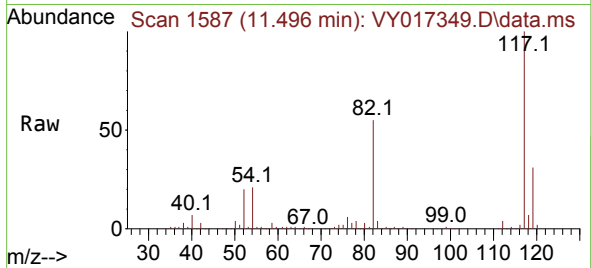




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

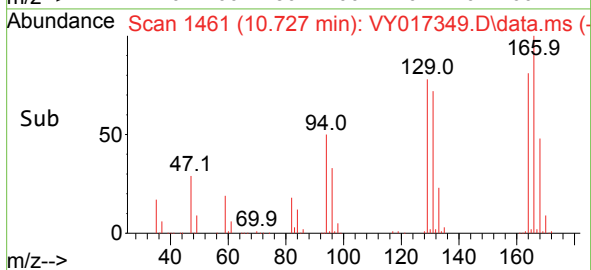
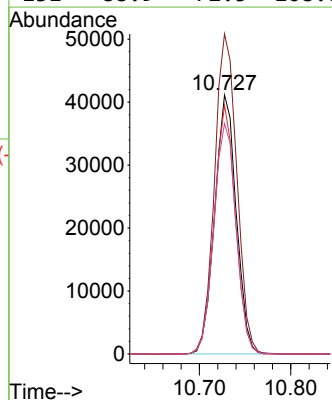
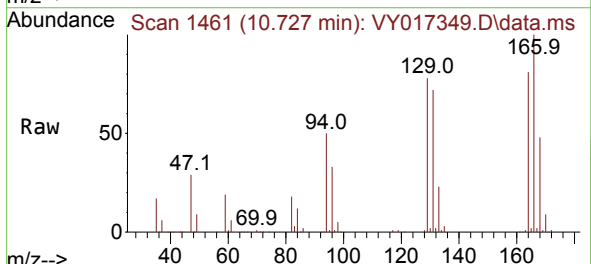
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

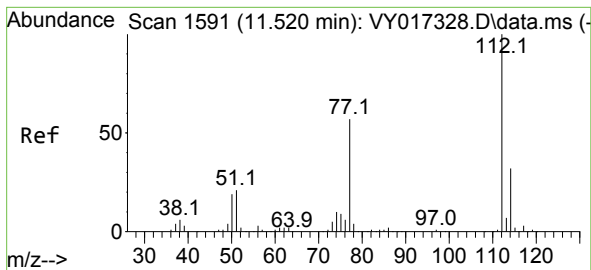
Tgt Ion:117 Resp: 160989
Ion Ratio Lower Upper
117 100
82 54.7 43.8 65.8
119 31.4 26.5 39.7



#64
Tetrachloroethene
Concen: 64.447 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

Tgt Ion:164 Resp: 67382
Ion Ratio Lower Upper
164 100
166 123.5 98.8 148.2
129 96.1 78.9 118.3
131 88.9 72.5 108.7





#65

Chlorobenzene

Concen: 60.697 ug/l

RT: 11.526 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017349.D

Acq: 09 Feb 2024 19:05

Instrument :

MSVOA_Y

ClientSampleId :

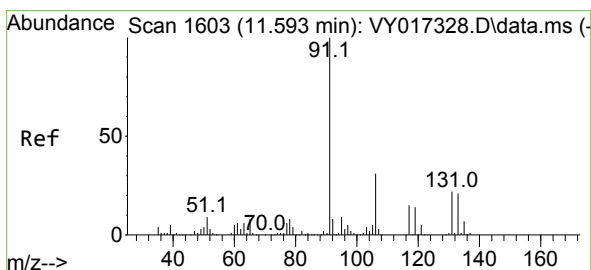
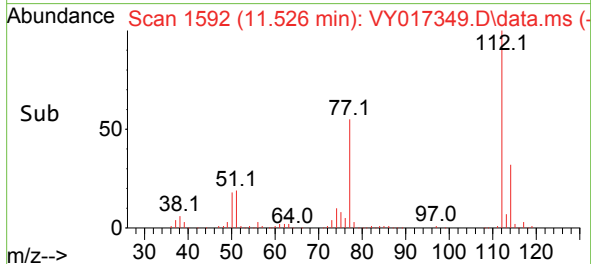
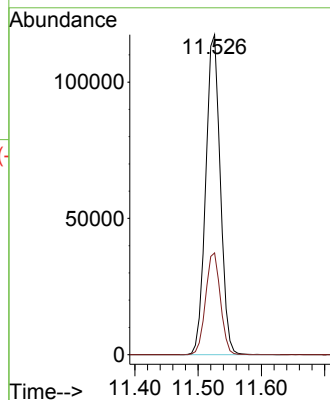
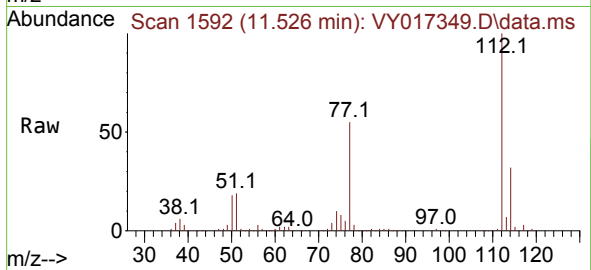
VSTDCCC050EC

Tgt Ion:112 Resp: 188499

Ion Ratio Lower Upper

112 100

114 31.8 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 62.524 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017349.D

Acq: 09 Feb 2024 19:05

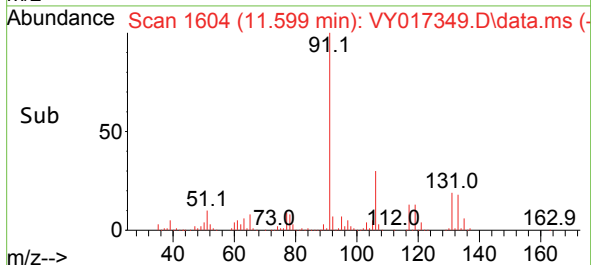
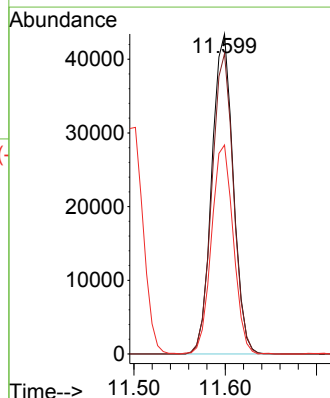
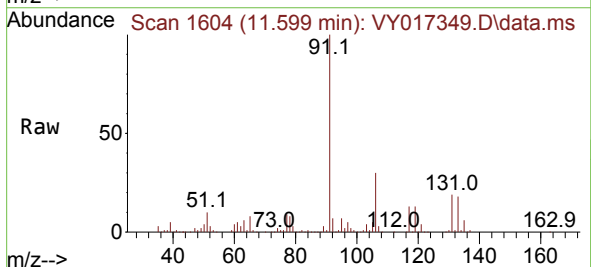
Tgt Ion:131 Resp: 70565

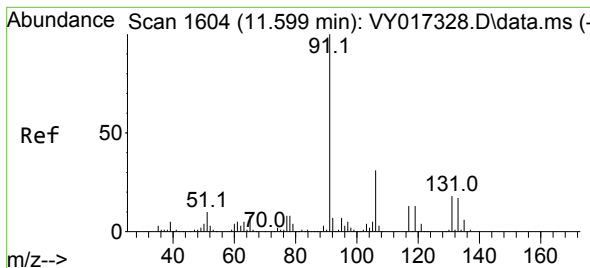
Ion Ratio Lower Upper

131 100

133 94.5 47.0 141.0

119 66.7 33.3 99.9





#67

Ethyl Benzene

Concen: 61.761 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017349.D

Acq: 09 Feb 2024 19:05

Instrument :

MSVOA_Y

ClientSampleId :

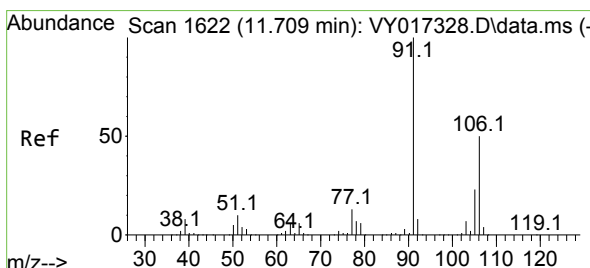
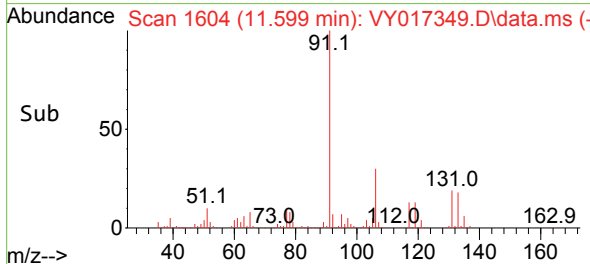
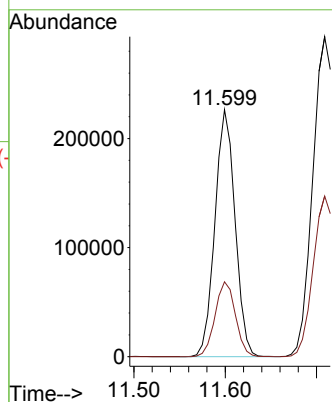
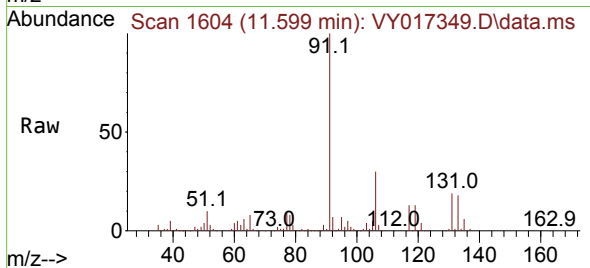
VSTDCCC050EC

Tgt Ion: 91 Resp: 346651

Ion Ratio Lower Upper

91 100

106 30.3 25.0 37.4



#68

m/p-Xylenes

Concen: 123.518 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017349.D

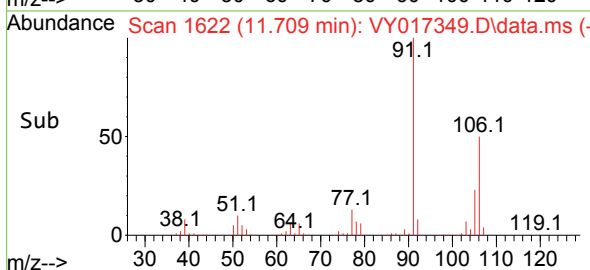
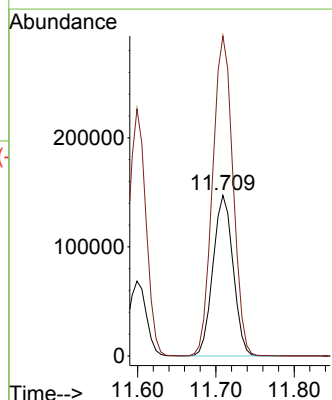
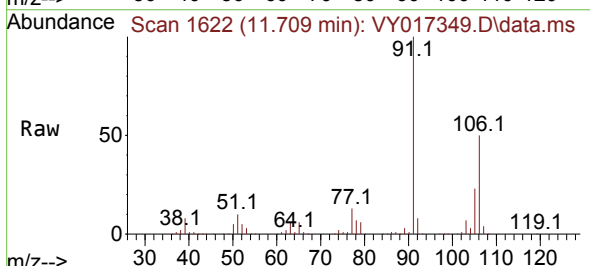
Acq: 09 Feb 2024 19:05

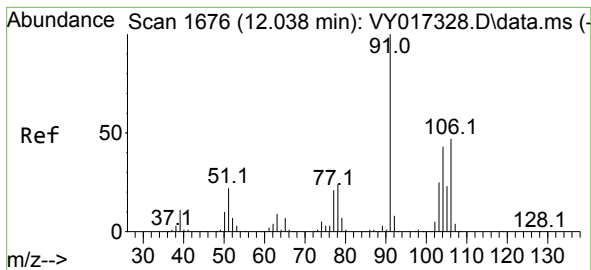
Tgt Ion:106 Resp: 263094

Ion Ratio Lower Upper

106 100

91 201.5 160.7 241.1





#69

o-Xylene

Concen: 63.526 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017349.D

Acq: 09 Feb 2024 19:05

Instrument :

MSVOA_Y

ClientSampleId :

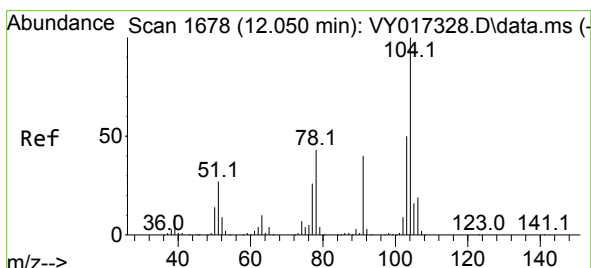
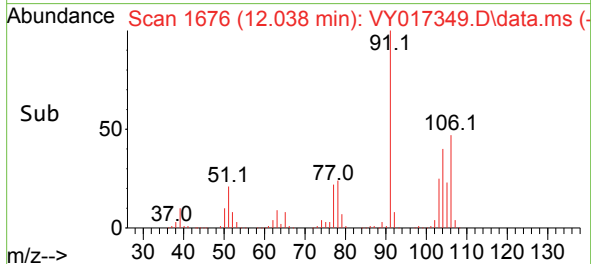
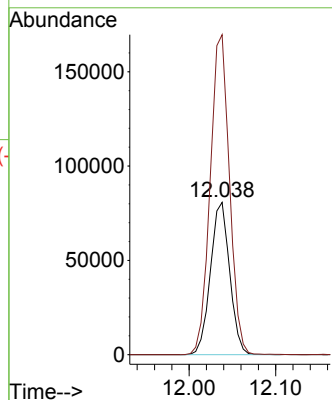
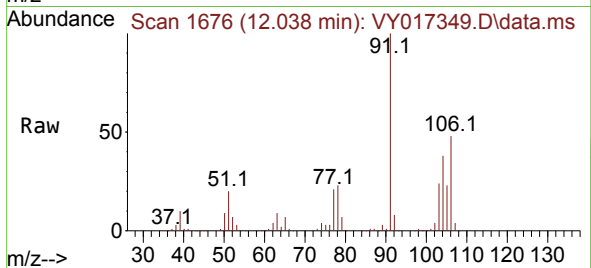
VSTDCCC050EC

Tgt Ion:106 Resp: 124607

Ion Ratio Lower Upper

106 100

91 211.0 106.5 319.5



#70

Styrene

Concen: 64.830 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017349.D

Acq: 09 Feb 2024 19:05

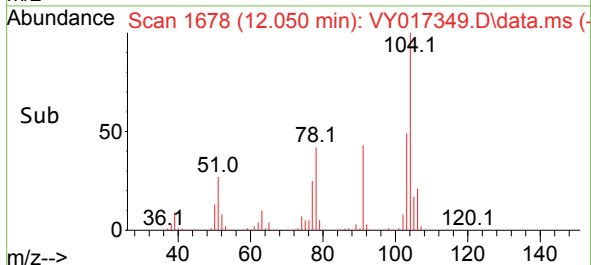
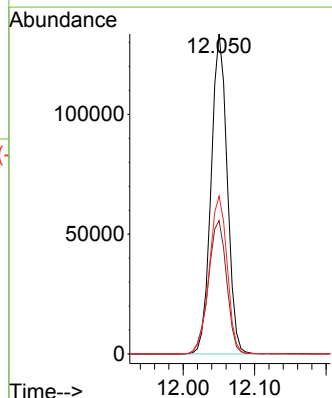
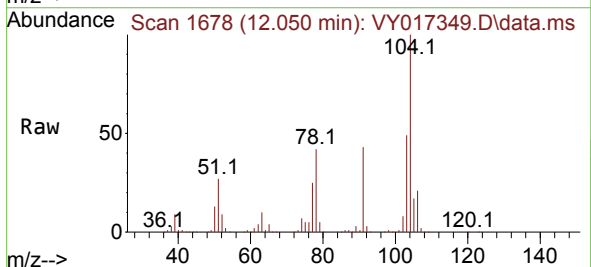
Tgt Ion:104 Resp: 209524

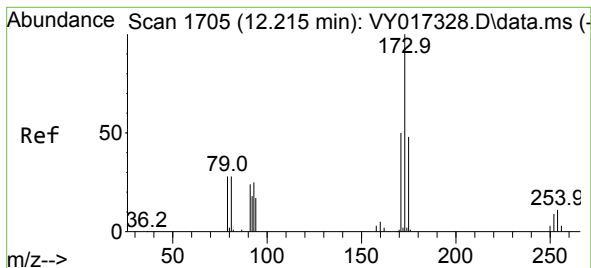
Ion Ratio Lower Upper

104 100

78 47.2 39.2 58.8

103 54.4 43.8 65.6





#71

Bromoform

Concen: 66.394 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017349.D

Acq: 09 Feb 2024 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

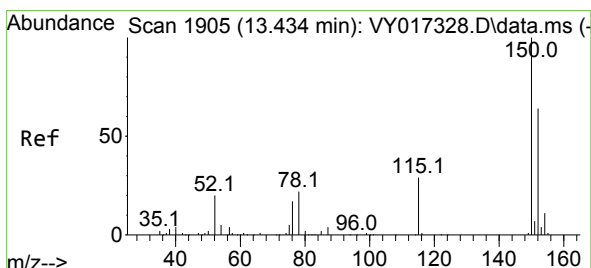
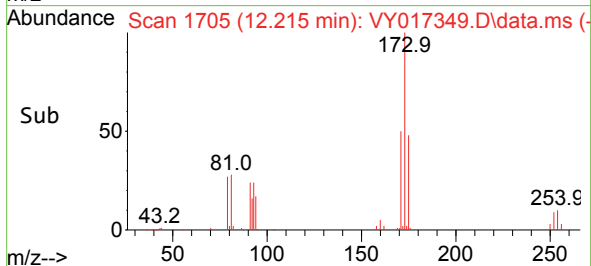
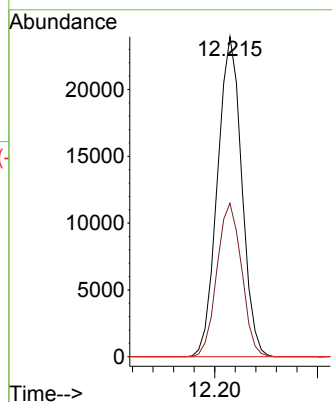
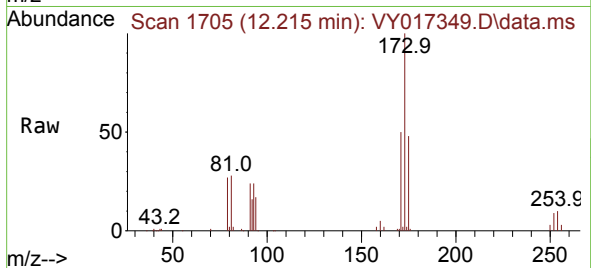
Tgt Ion:173 Resp: 39243

Ion Ratio Lower Upper

173 100

175 48.5 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: VY017349.D

Acq: 09 Feb 2024 19:05

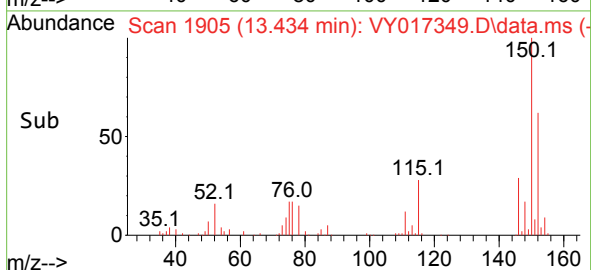
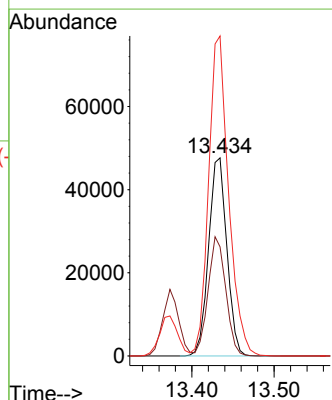
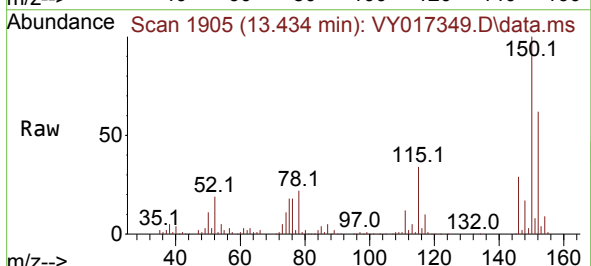
Tgt Ion:152 Resp: 73586

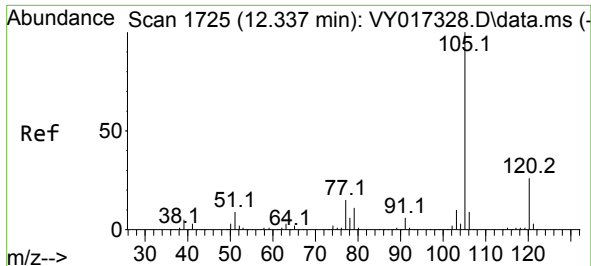
Ion Ratio Lower Upper

152 100

115 58.2 30.0 90.0

150 176.9 0.0 344.6

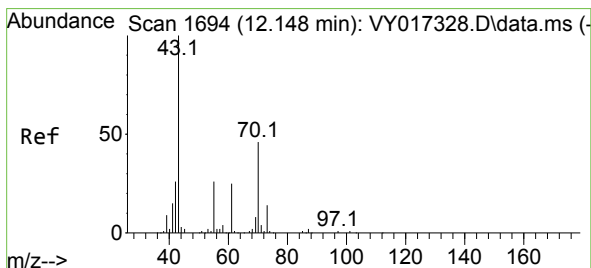
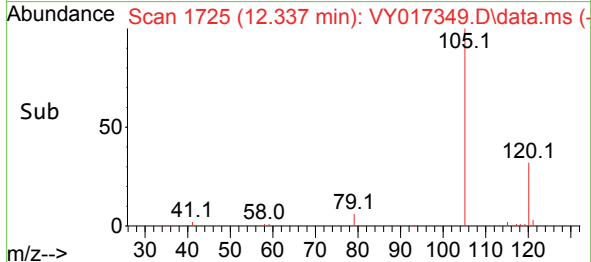
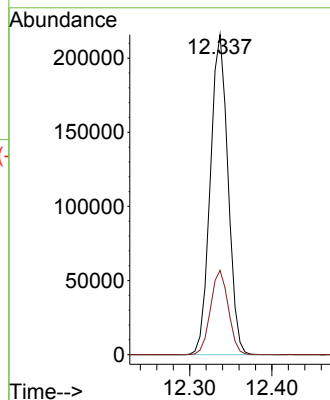
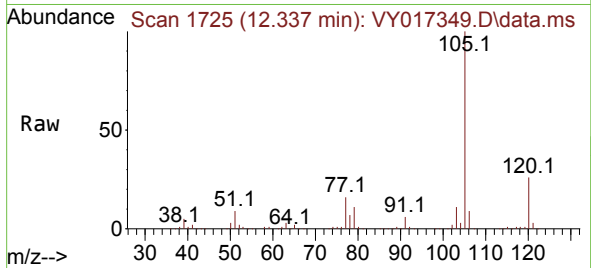




#73
Isopropylbenzene
Concen: 59.680 ug/l
RT: 12.337 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

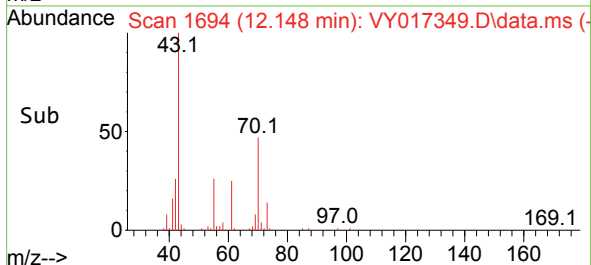
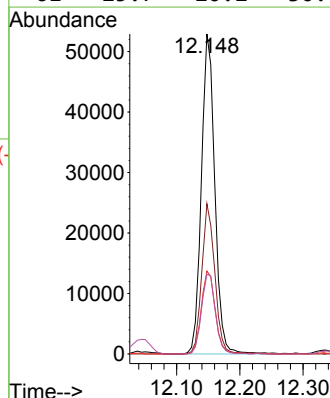
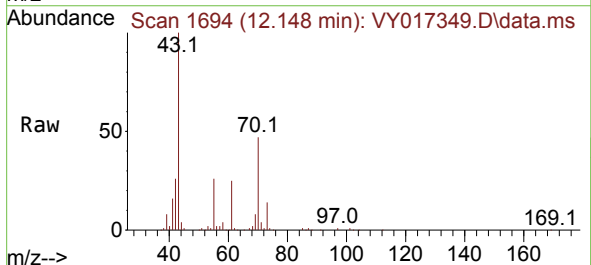
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

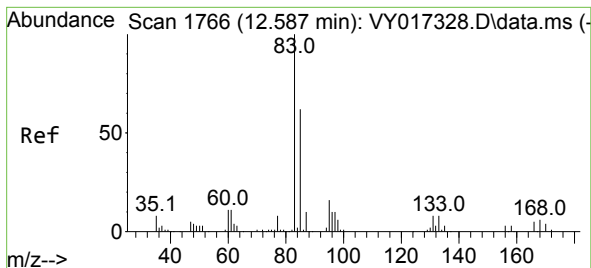
Tgt Ion:105 Resp: 322623
Ion Ratio Lower Upper
105 100
120 26.4 13.0 39.0



#74
N-ethyl acetate
Concen: 64.464 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.006 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

Tgt Ion: 43 Resp: 78302
Ion Ratio Lower Upper
43 100
70 45.7 36.6 55.0
55 27.0 22.2 33.4
61 25.7 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 61.608 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017349.D

Acq: 09 Feb 2024 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

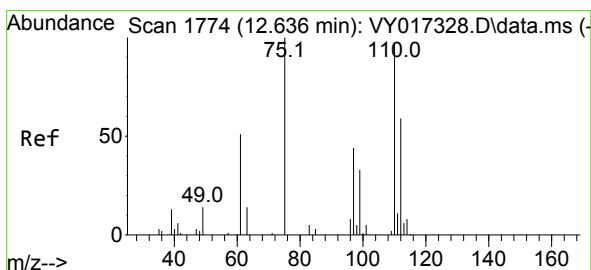
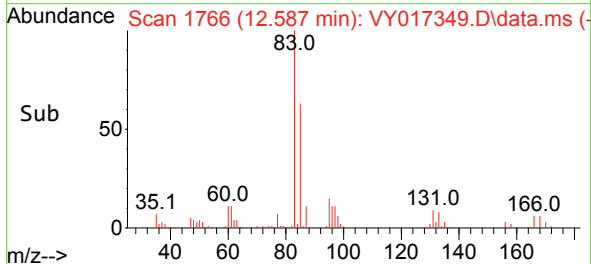
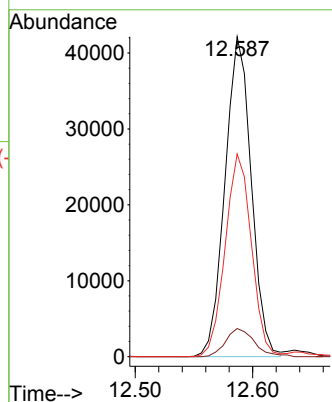
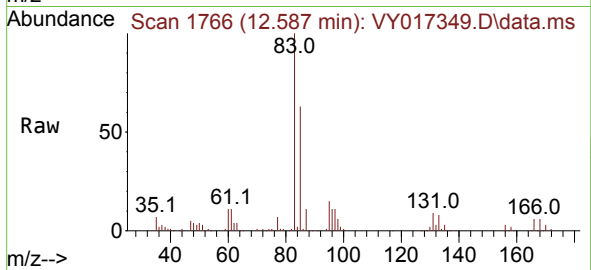
Tgt Ion: 83 Resp: 65505

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.6

85 63.2 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 117.356 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY017349.D

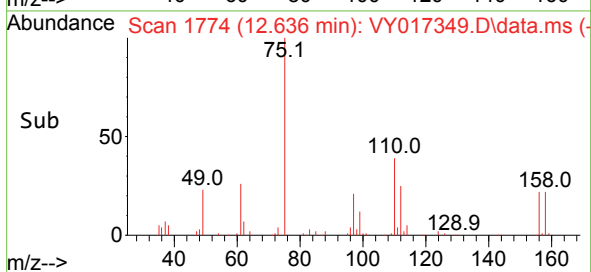
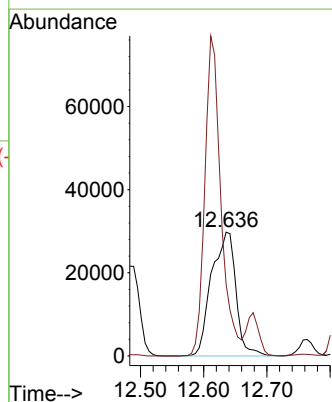
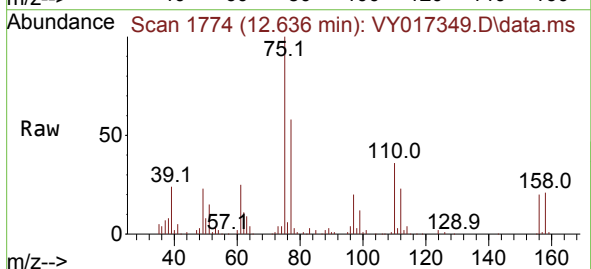
Acq: 09 Feb 2024 19:05

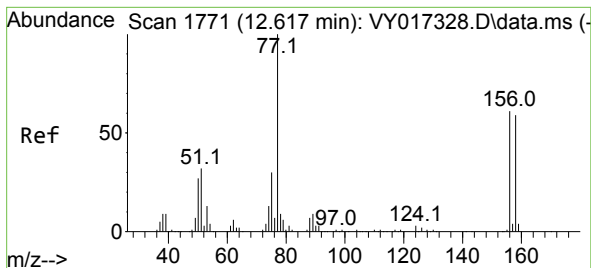
Tgt Ion: 75 Resp: 79707

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 61.147 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017349.D

Acq: 09 Feb 2024 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

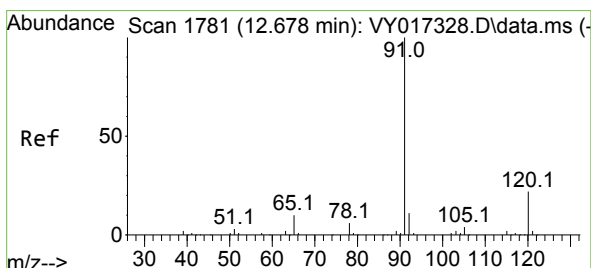
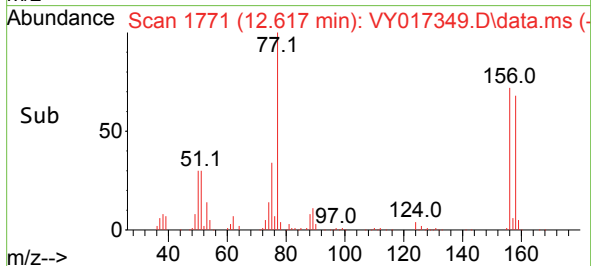
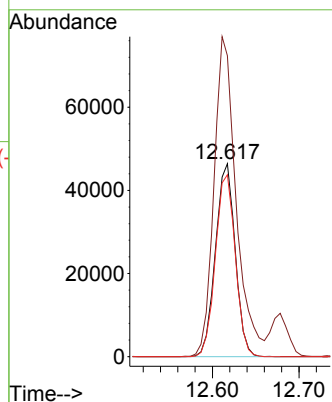
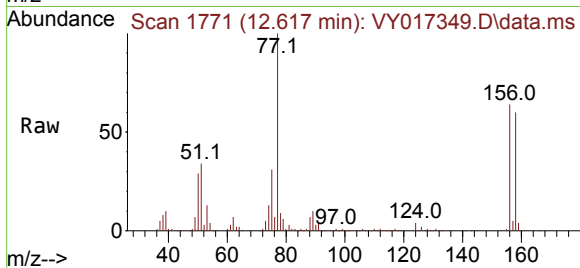
Tgt Ion:156 Resp: 73321

Ion Ratio Lower Upper

156 100

77 186.8 97.3 291.8

158 95.3 48.4 145.0



#78

n-propylbenzene

Concen: 59.596 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017349.D

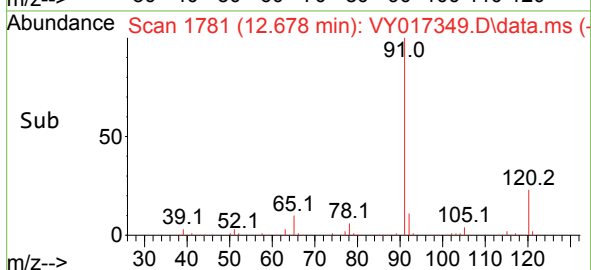
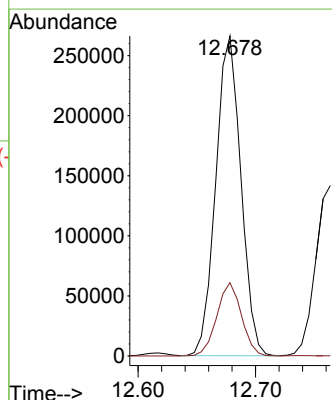
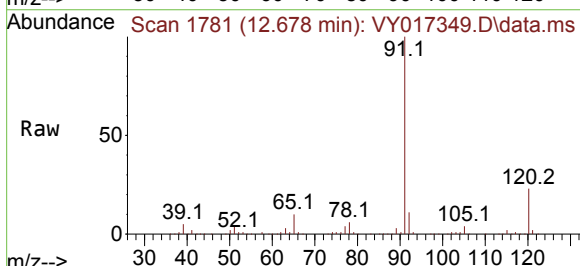
Acq: 09 Feb 2024 19:05

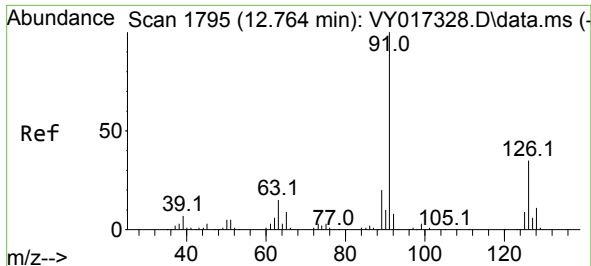
Tgt Ion: 91 Resp: 395683

Ion Ratio Lower Upper

91 100

120 22.5 11.0 33.0

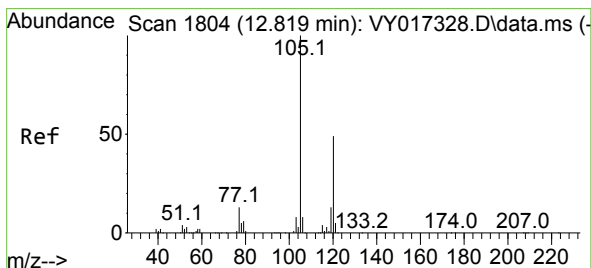
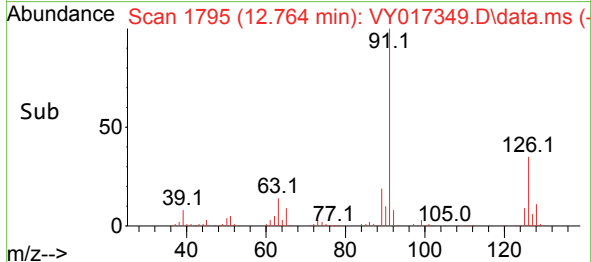
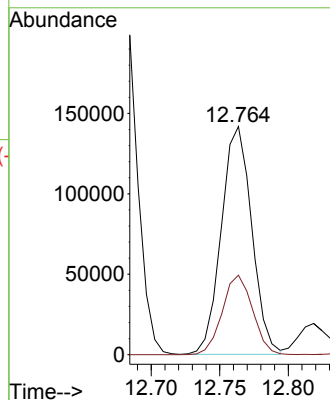
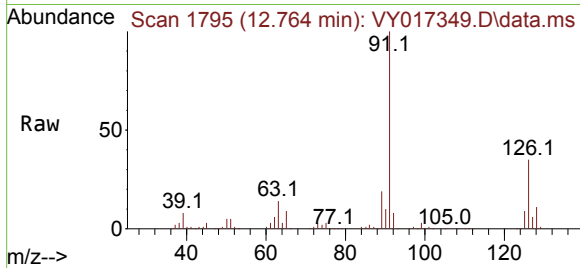




#79
2-Chlorotoluene
Concen: 60.080 ug/l
RT: 12.764 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

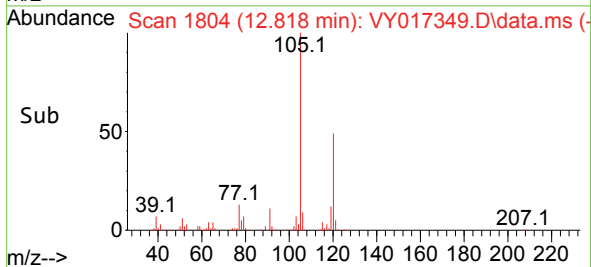
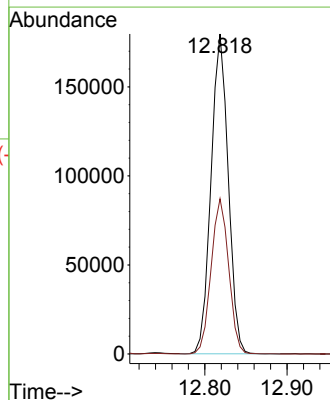
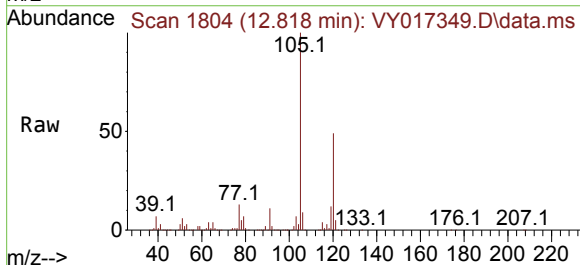
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

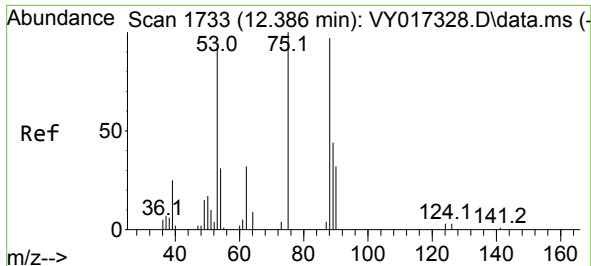
Tgt Ion: 91 Resp: 219300
Ion Ratio Lower Upper
91 100
126 34.7 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 60.645 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

Tgt Ion: 105 Resp: 260737
Ion Ratio Lower Upper
105 100
120 49.6 24.3 72.8

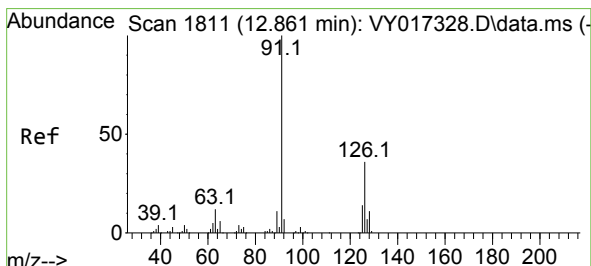
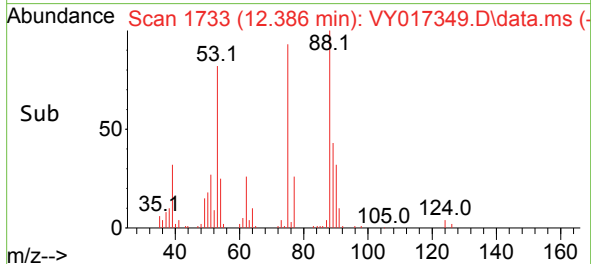
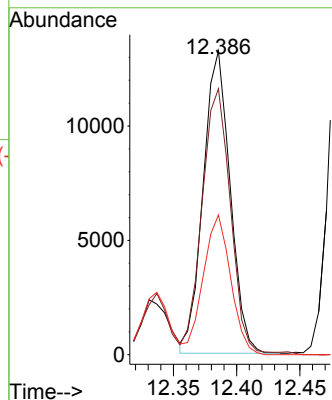
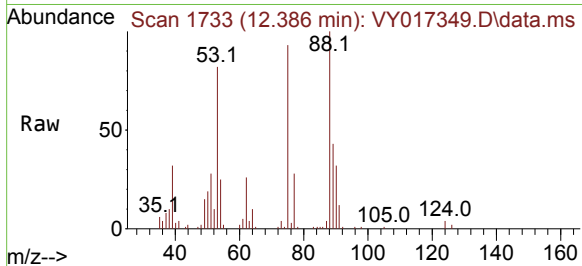




#81
trans-1,4-Dichloro-2-butene
Concen: 60.128 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

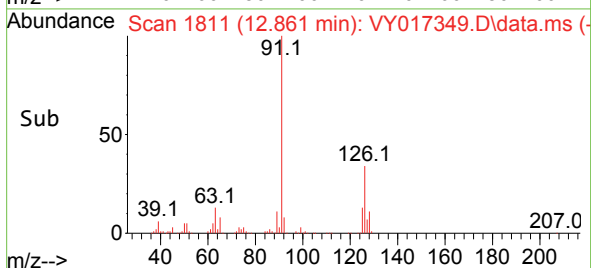
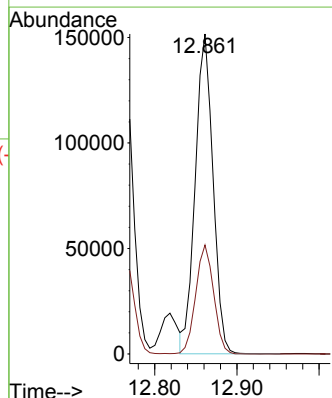
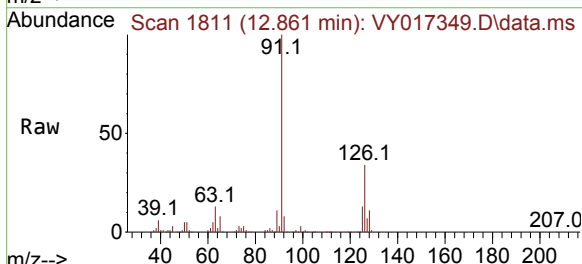
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

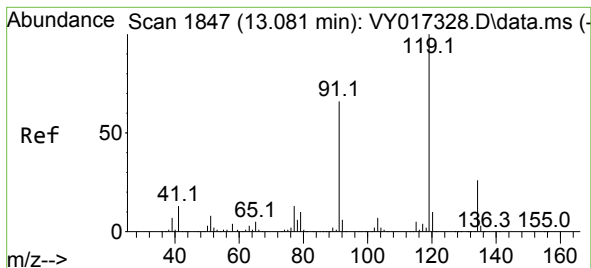
Tgt Ion: 75 Resp: 19654
Ion Ratio Lower Upper
75 100
53 93.2 74.0 111.0
89 47.2 36.5 54.7



#82
4-Chlorotoluene
Concen: 60.445 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

Tgt Ion: 91 Resp: 227076
Ion Ratio Lower Upper
91 100
126 34.5 17.1 51.2





#83

tert-Butylbenzene

Concen: 61.550 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY017349.D

Acq: 09 Feb 2024 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

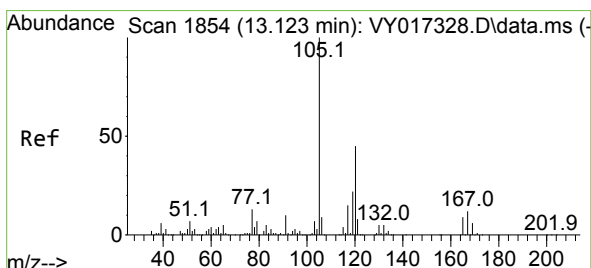
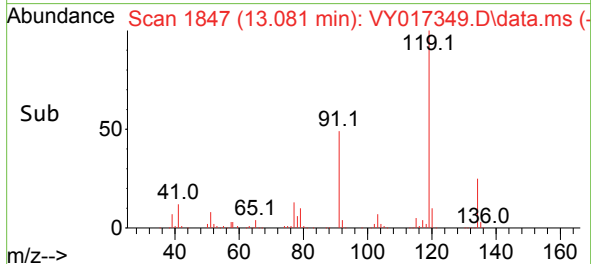
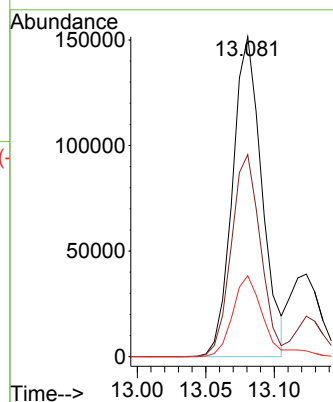
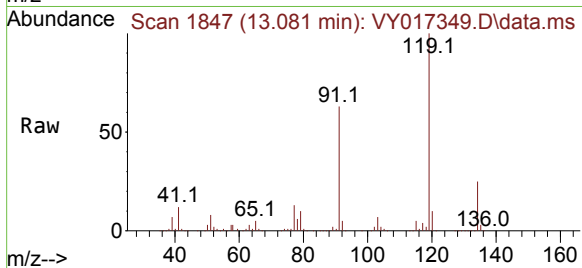
Tgt Ion:119 Resp: 226833

Ion Ratio Lower Upper

119 100

91 62.8 31.5 94.5

134 26.7 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 61.739 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.006 min

Lab File: VY017349.D

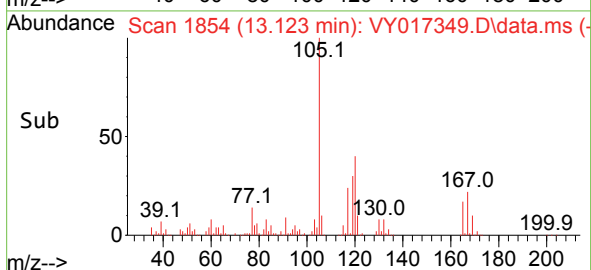
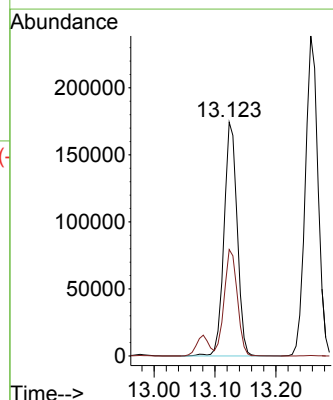
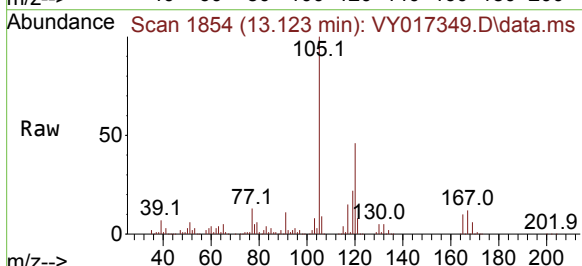
Acq: 09 Feb 2024 19:05

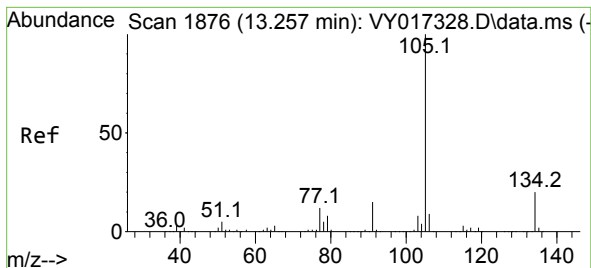
Tgt Ion:105 Resp: 262003

Ion Ratio Lower Upper

105 100

120 45.3 22.1 66.3





#85

sec-Butylbenzene

Concen: 59.845 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY017349.D

Acq: 09 Feb 2024 19:05

Instrument :

MSVOA_Y

ClientSampleId :

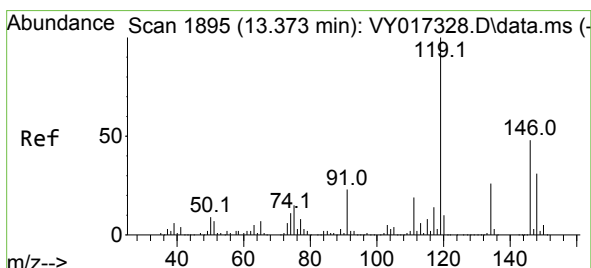
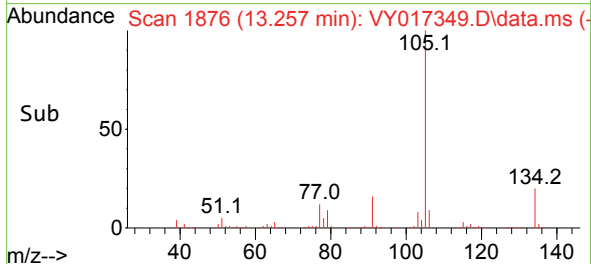
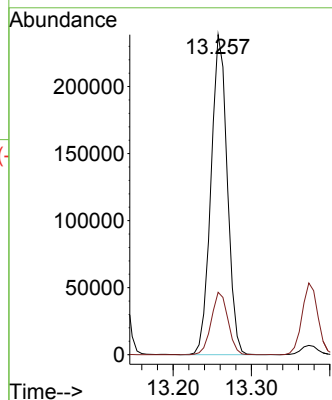
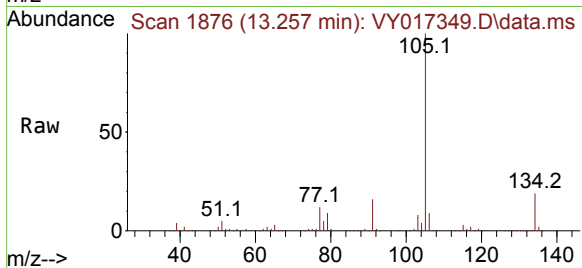
VSTDCCC050EC

Tgt Ion:105 Resp: 344709

Ion Ratio Lower Upper

105 100

134 19.9 9.7 28.9



#86

p-Isopropyltoluene

Concen: 61.078 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VY017349.D

Acq: 09 Feb 2024 19:05

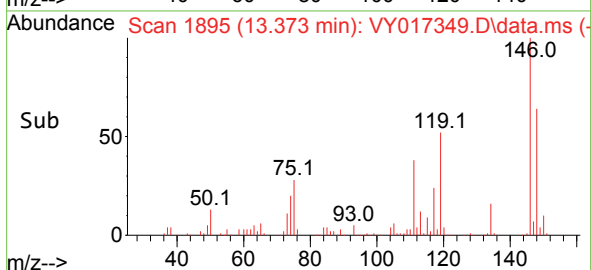
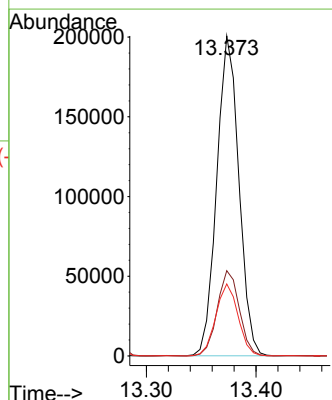
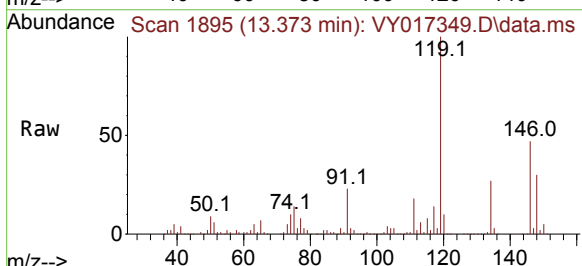
Tgt Ion:119 Resp: 281135

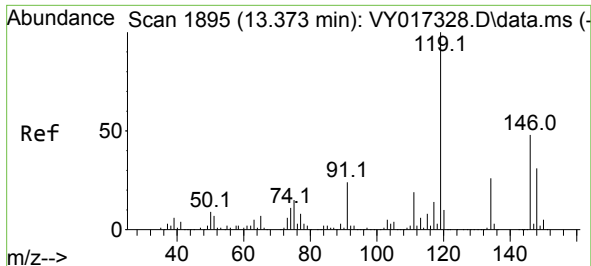
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.1

91 22.7 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 60.906 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017349.D

Acq: 09 Feb 2024 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

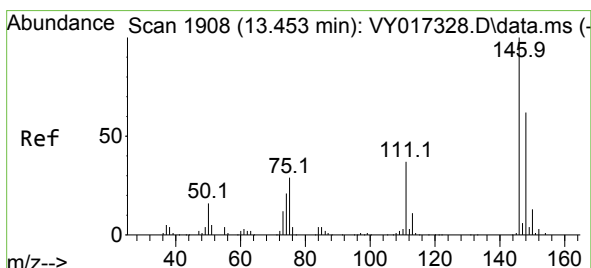
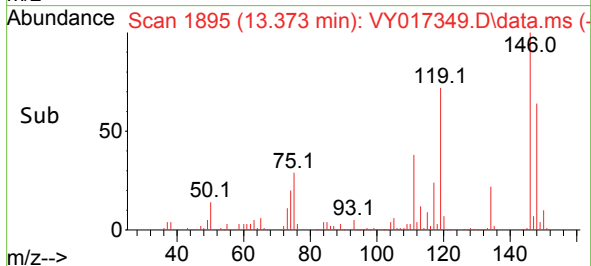
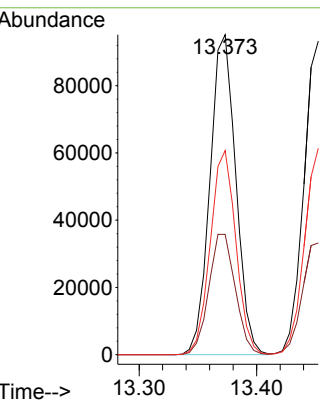
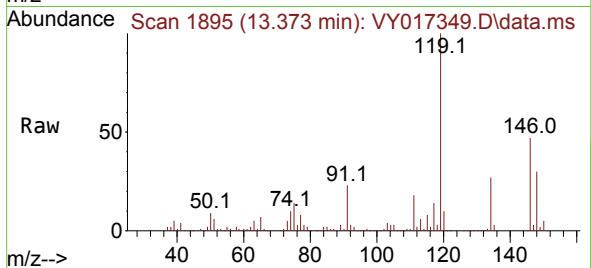
Tgt Ion:146 Resp: 145694

Ion Ratio Lower Upper

146 100

111 38.6 20.2 60.5

148 63.1 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 61.334 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017349.D

Acq: 09 Feb 2024 19:05

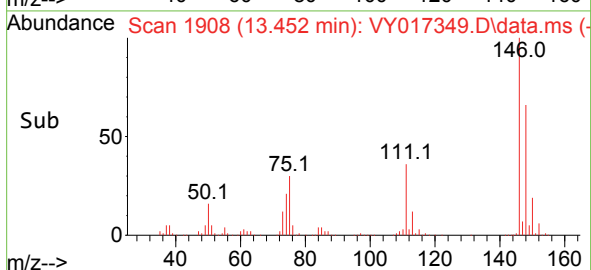
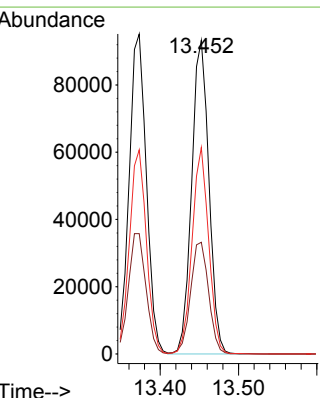
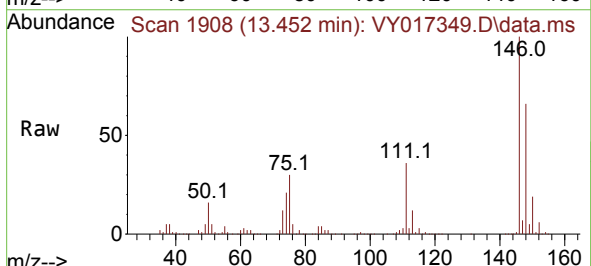
Tgt Ion:146 Resp: 142539

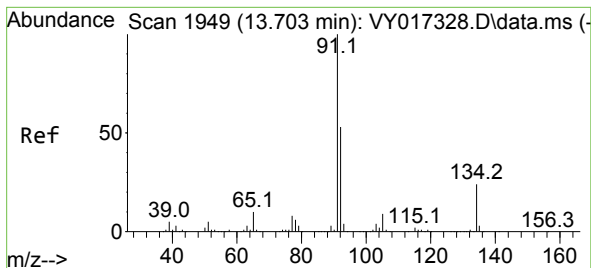
Ion Ratio Lower Upper

146 100

111 37.4 19.3 57.9

148 63.4 31.6 94.7





#89

n-Butylbenzene

Concen: 60.585 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017349.D

Acq: 09 Feb 2024 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

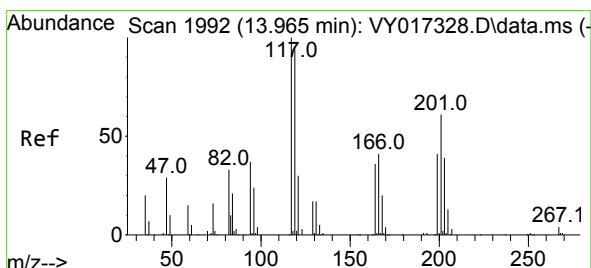
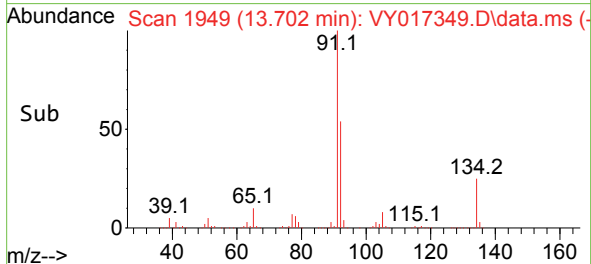
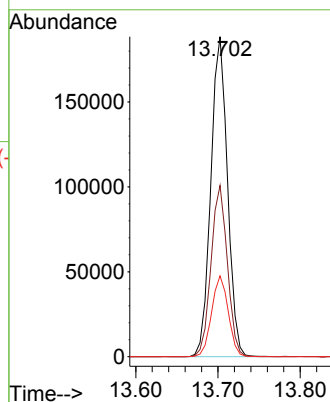
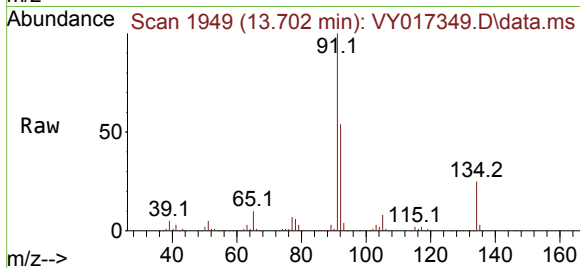
Tgt Ion: 91 Resp: 265138

Ion Ratio Lower Upper

91 100

92 52.6 26.4 79.2

134 25.2 12.3 36.8



#90

Hexachloroethane

Concen: 59.560 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. -0.006 min

Lab File: VY017349.D

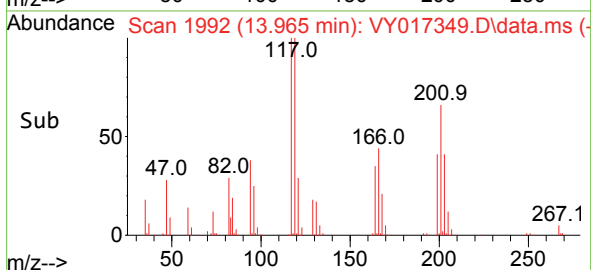
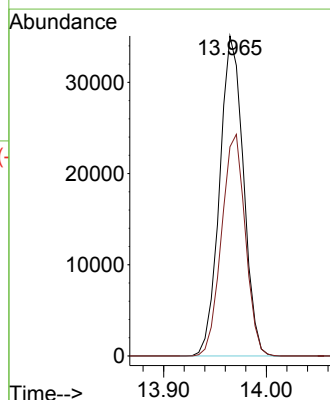
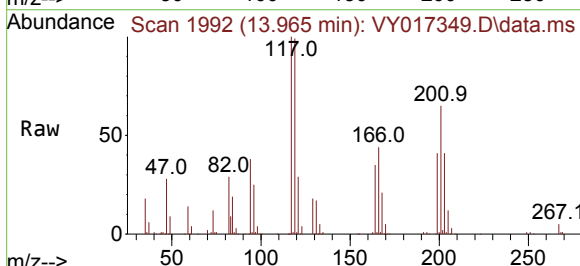
Acq: 09 Feb 2024 19:05

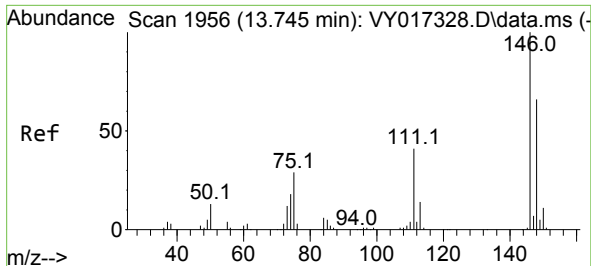
Tgt Ion: 117 Resp: 56280

Ion Ratio Lower Upper

117 100

201 69.2 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 63.024 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY017349.D

Acq: 09 Feb 2024 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

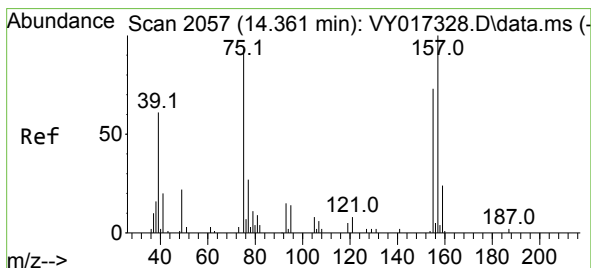
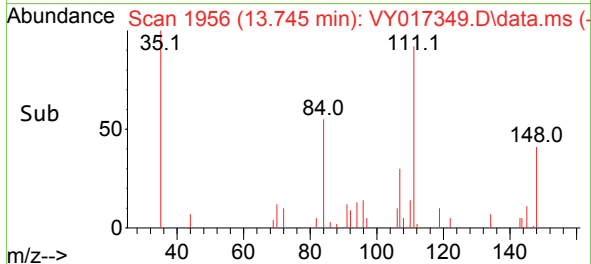
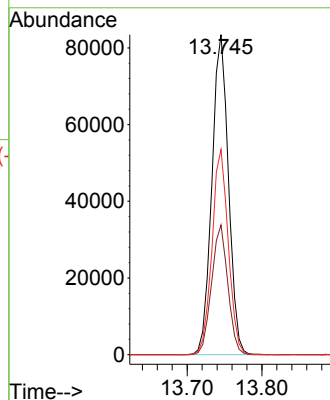
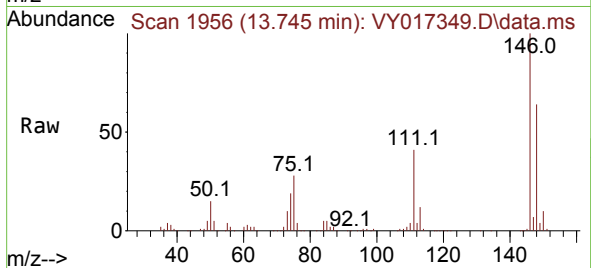
Tgt Ion:146 Resp: 128343

Ion Ratio Lower Upper

146 100

111 39.8 20.5 61.6

148 63.1 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 63.410 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY017349.D

Acq: 09 Feb 2024 19:05

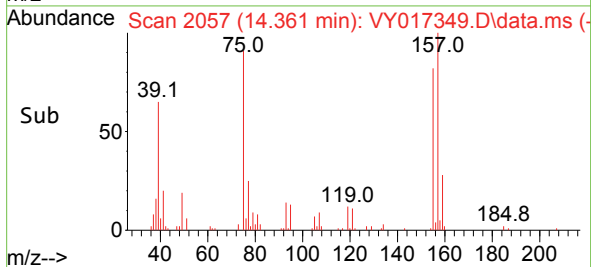
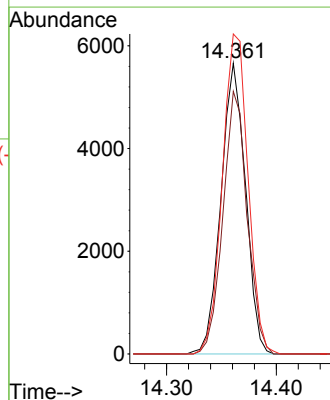
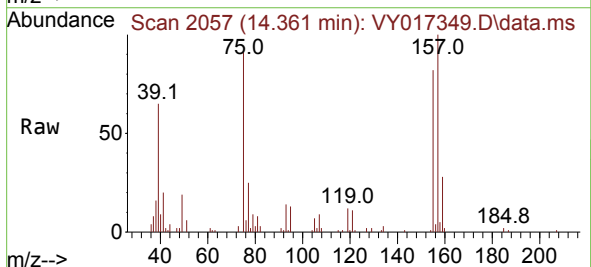
Tgt Ion: 75 Resp: 8782

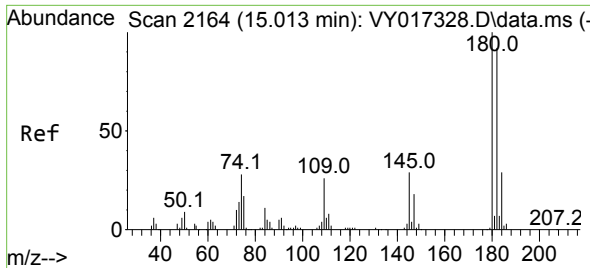
Ion Ratio Lower Upper

75 100

155 89.4 42.1 126.3

157 115.5 55.8 167.4

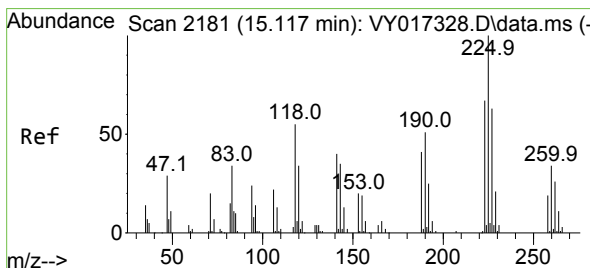
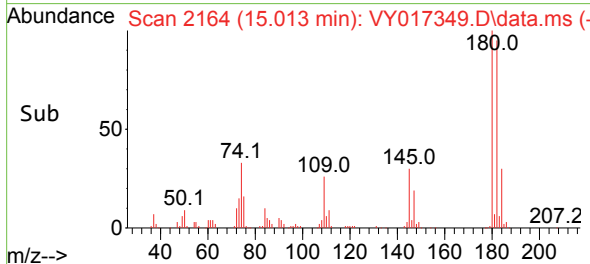
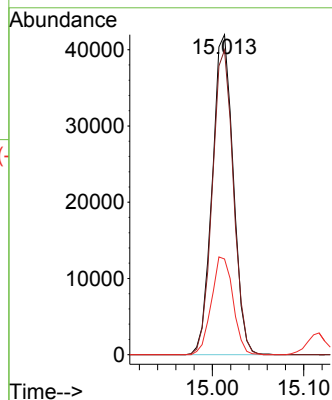
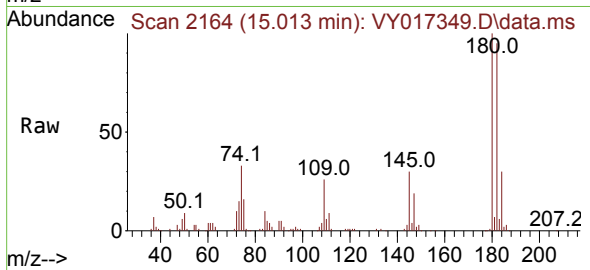




#93
1,2,4-Trichlorobenzene
Concen: 66.212 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

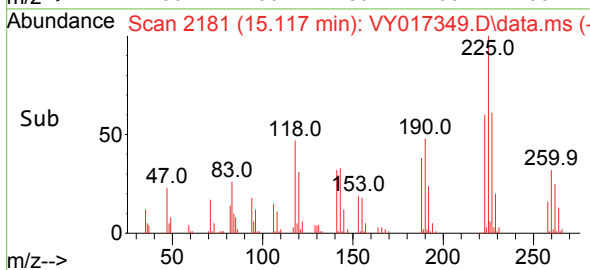
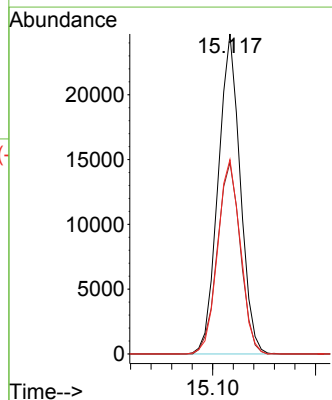
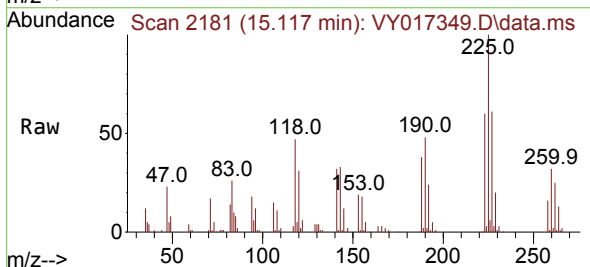
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

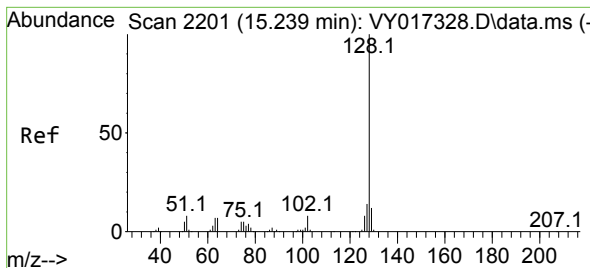
Tgt Ion:180 Resp: 66974
Ion Ratio Lower Upper
180 100
182 95.2 47.9 143.7
145 31.3 15.9 47.7



#94
Hexachlorobutadiene
Concen: 61.737 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.000 min
Lab File: VY017349.D
Acq: 09 Feb 2024 19:05

Tgt Ion:225 Resp: 36779
Ion Ratio Lower Upper
225 100
223 62.4 31.4 94.3
227 62.4 32.3 96.8





#95

Naphthalene

Concen: 64.878 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY017349.D

Acq: 09 Feb 2024 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

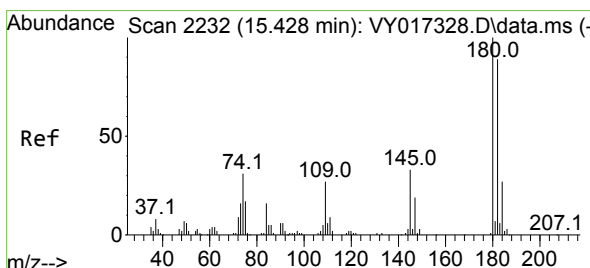
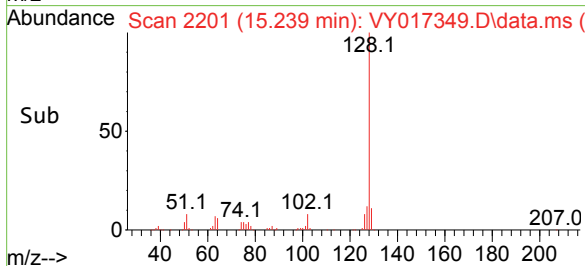
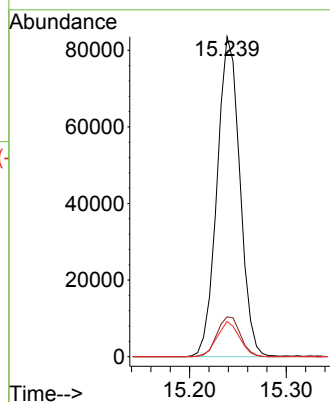
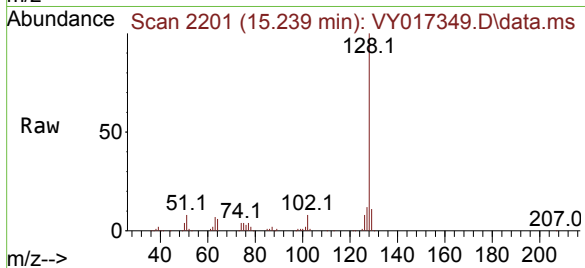
Tgt Ion:128 Resp: 136955

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 67.936 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY017349.D

Acq: 09 Feb 2024 19:05

Tgt Ion:180 Resp: 58444

Ion Ratio Lower Upper

180 100

182 95.2 46.3 138.8

145 32.7 16.1 48.2

