

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022624\
 Data File : VY017487.D
 Acq On : 26 Feb 2024 17:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 27 01:55:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	159909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	247973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	219958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106436	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	56408	37.221	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	74.440%
35) Dibromofluoromethane	7.722	113	65447	37.875	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.760%
50) Toluene-d8	10.185	98	245772	40.680	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.360%
62) 4-Bromofluorobenzene	12.483	95	77004	40.556	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.120%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	56962	48.290	ug/l	98
3) Chloromethane	2.113	50	98078	45.507	ug/l	98
4) Vinyl Chloride	2.247	62	125386	45.348	ug/l	99
5) Bromomethane	2.650	94	107906	47.890	ug/l	95
6) Chloroethane	2.790	64	83064	47.621	ug/l	99
7) Trichlorofluoromethane	3.125	101	135795	48.188	ug/l	96
8) Diethyl Ether	3.527	74	41830	50.610	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	82353	50.807	ug/l	98
10) Methyl Iodide	4.094	142	83458	45.879	ug/l	99
11) Tert butyl alcohol	4.966	59	27462	213.326	ug/l #	82
12) 1,1-Dichloroethene	3.869	96	77350	51.205	ug/l	94
13) Acrolein	3.729	56	47269	278.284	ug/l	100
14) Allyl chloride	4.479	41	92215	50.522	ug/l	96
15) Acrylonitrile	5.161	53	89395	263.106	ug/l	100
16) Acetone	3.948	43	76596	260.578	ug/l	99
17) Carbon Disulfide	4.198	76	225173	49.661	ug/l	98
18) Methyl Acetate	4.479	43	38138	53.479	ug/l	97
19) Methyl tert-butyl Ether	5.228	73	182868	51.938	ug/l	100
20) Methylene Chloride	4.722	84	98238	57.730	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	90371	51.095	ug/l	98
22) Diisopropyl ether	6.125	45	221868	52.676	ug/l	98
23) Vinyl Acetate	6.064	43	667329	265.884	ug/l	100
24) 1,1-Dichloroethane	6.021	63	145974	50.729	ug/l	100
25) 2-Butanone	6.984	43	111813	266.913	ug/l	96
26) 2,2-Dichloropropane	6.984	77	120475	49.797	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	104779	52.762	ug/l	96
28) Bromochloromethane	7.338	49	50631	44.677	ug/l	96
29) Tetrahydrofuran	7.350	42	68537	271.409	ug/l	99
30) Chloroform	7.508	83	158102	51.607	ug/l	99
31) Cyclohexane	7.789	56	121041	49.077	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	134641	50.621	ug/l	98
36) 1,1-Dichloropropene	7.923	75	119925	51.439	ug/l	99
37) Ethyl Acetate	7.076	43	48795	52.991	ug/l	98
38) Carbon Tetrachloride	7.905	117	121224	51.881	ug/l	98
39) Methylcyclohexane	9.185	83	149630	53.405	ug/l	97
40) Benzene	8.167	78	361479	52.210	ug/l	98

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 ClientSampleId :
 VSTDC0050EC

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	17712	38.331	ug/l #	71
42) 1,2-Dichloroethane	8.240	62	87059	51.537	ug/l	97
43) Isopropyl Acetate	8.277	43	86610	53.525	ug/l	99
44) Trichloroethene	8.941	130	101331	50.777	ug/l	99
45) 1,2-Dichloropropane	9.222	63	85567	51.946	ug/l	98
46) Dibromomethane	9.307	93	50292	53.348	ug/l	97
47) Bromodichloromethane	9.496	83	121018	52.870	ug/l	99
48) Methyl methacrylate	9.295	41	38831	51.845	ug/l	92
49) 1,4-Dioxane	9.301	88	11770	1103.215	ug/l #	98
51) 4-Methyl-2-Pentanone	10.069	43	245950	272.727	ug/l	99
52) Toluene	10.246	92	229731	52.634	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	113464	53.405	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	136563	52.900	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	69695	52.070	ug/l	97
56) Ethyl methacrylate	10.514	69	84696	51.363	ug/l	97
57) 1,3-Dichloropropane	10.794	76	115056	52.871	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	197356	255.521	ug/l	97
59) 2-Hexanone	10.831	43	173723	280.452	ug/l	98
60) Dibromochloromethane	10.990	129	85060	53.719	ug/l	100
61) 1,2-Dibromoethane	11.087	107	66167	53.643	ug/l	99
64) Tetrachloroethene	10.721	164	105069	49.767	ug/l	98
65) Chlorobenzene	11.520	112	244676	52.407	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	92291	52.766	ug/l	100
67) Ethyl Benzene	11.593	91	441272	53.893	ug/l	97
68) m/p-Xylenes	11.703	106	348835	108.423	ug/l	98
69) o-Xylene	12.032	106	163462	54.764	ug/l	97
70) Styrene	12.044	104	273688	55.240	ug/l	98
71) Bromoform	12.209	173	53041	54.724	ug/l #	97
73) Isopropylbenzene	12.331	105	423559	53.564	ug/l	99
74) N-amyl acetate	12.148	43	76770	55.045	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	75578	55.658	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	94180	93.127	ug/l #	100
77) Bromobenzene	12.611	156	100906	52.694	ug/l	96
78) n-propylbenzene	12.672	91	509783	53.728	ug/l	99
79) 2-Chlorotoluene	12.758	91	279110	52.541	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	340599	53.763	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	23442	53.262	ug/l	97
82) 4-Chlorotoluene	12.855	91	283491	52.175	ug/l	97
83) tert-Butylbenzene	13.075	119	309271	55.594	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	339777	54.326	ug/l	100
85) sec-Butylbenzene	13.257	105	460201	54.108	ug/l	100
86) p-Isopropyltoluene	13.373	119	384071	55.163	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	201274	52.364	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	195209	52.238	ug/l	99
89) n-Butylbenzene	13.696	91	346316	54.518	ug/l	100
90) Hexachloroethane	13.965	117	72844	52.186	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	175370	53.939	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9903	51.876	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	95667	55.707	ug/l	99
94) Hexachlorobutadiene	15.111	225	57885	54.594	ug/l	100
95) Naphthalene	15.239	128	166779	50.111	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	81169	55.095	ug/l	99

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Instrument :
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ClientSampleId :
VSTDCCC050EC

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Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

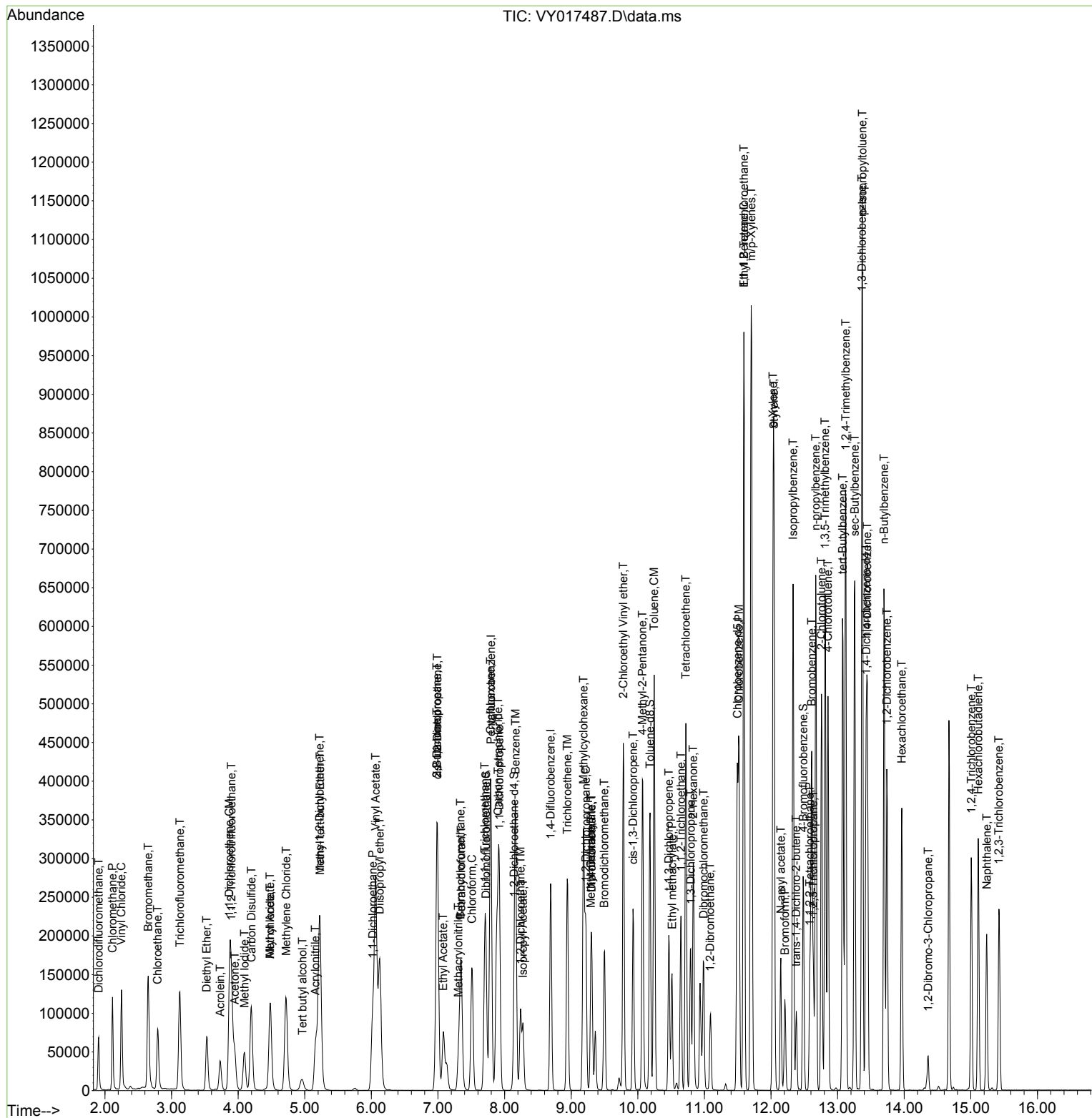
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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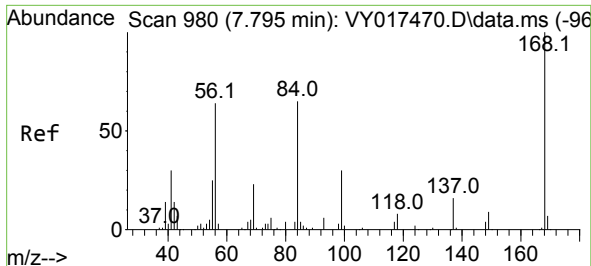
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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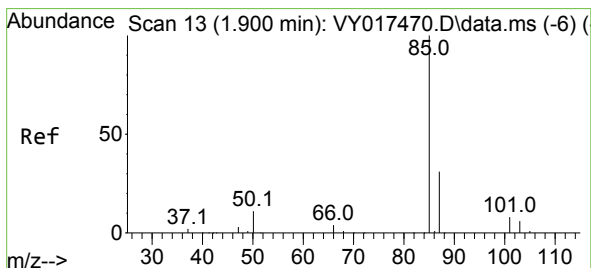
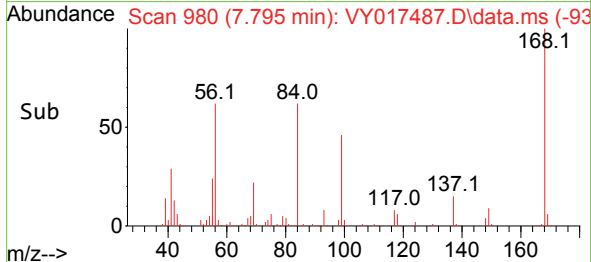
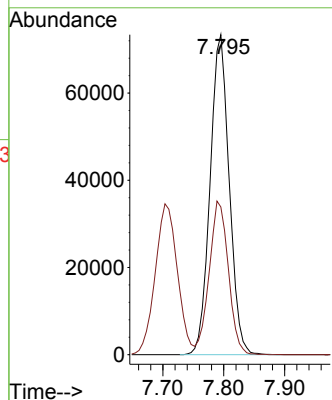
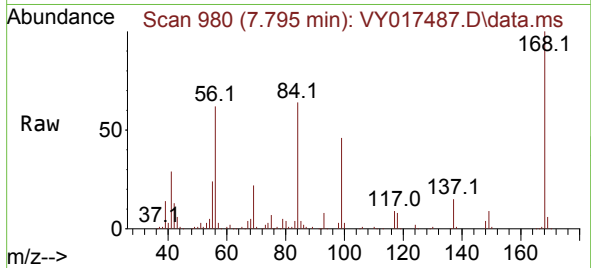




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017487.D
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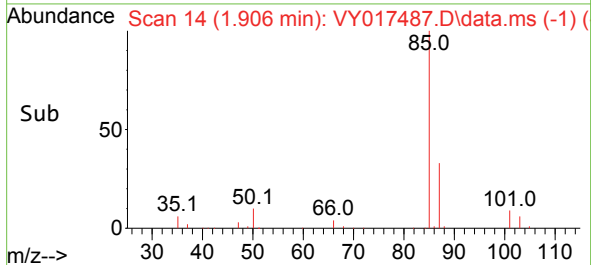
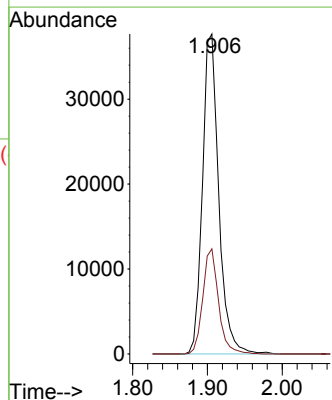
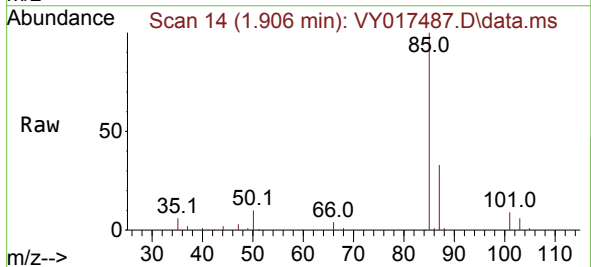
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

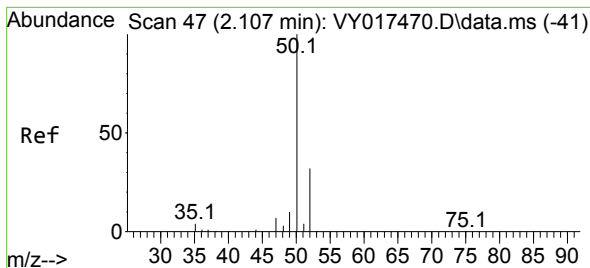
Tgt Ion:168 Resp: 159909
Ion Ratio Lower Upper
168 100
99 46.1 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 48.290 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

Tgt Ion: 85 Resp: 56962
Ion Ratio Lower Upper
85 100
87 32.8 16.0 48.0





#3

Chloromethane

Concen: 45.507 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY017487.D

Acq: 26 Feb 2024 17:23

Instrument :

MSVOA_Y

ClientSampleId :

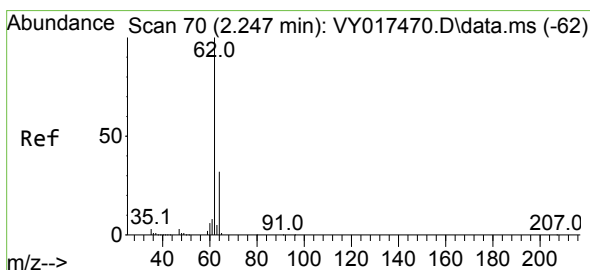
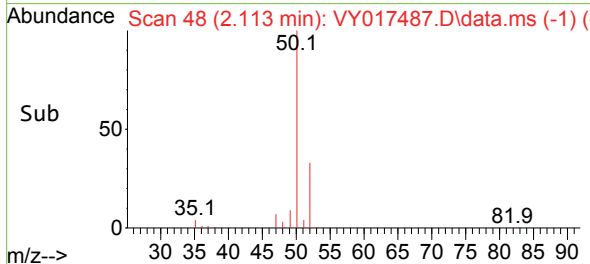
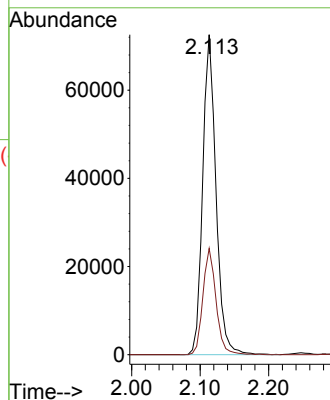
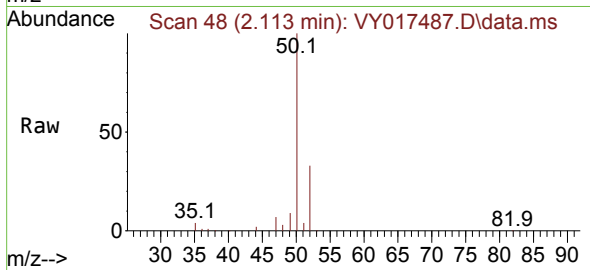
VSTDCCC050EC

Tgt Ion: 50 Resp: 98078

Ion Ratio Lower Upper

50 100

52 33.2 25.6 38.4



#4

Vinyl Chloride

Concen: 45.348 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY017487.D

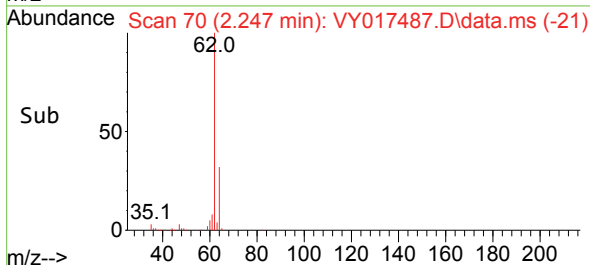
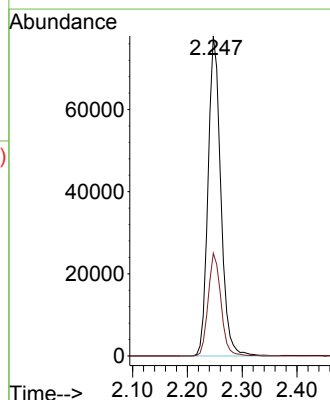
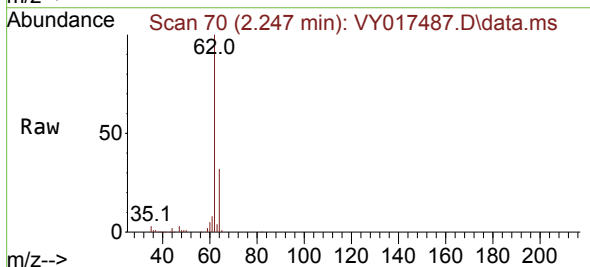
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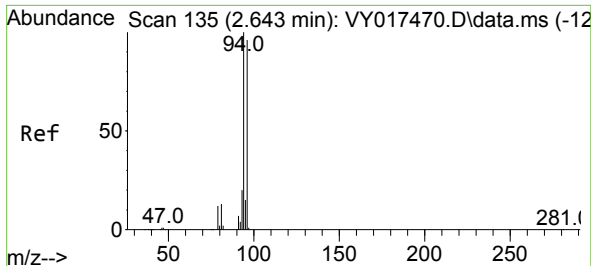
Tgt Ion: 62 Resp: 125386

Ion Ratio Lower Upper

62 100

64 32.1 26.1 39.1

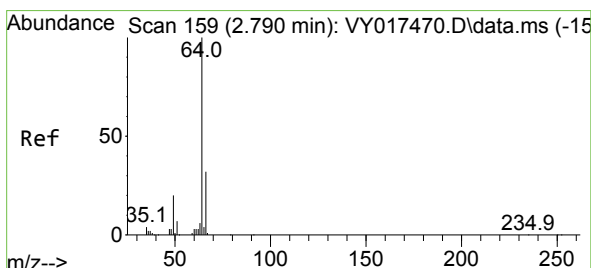
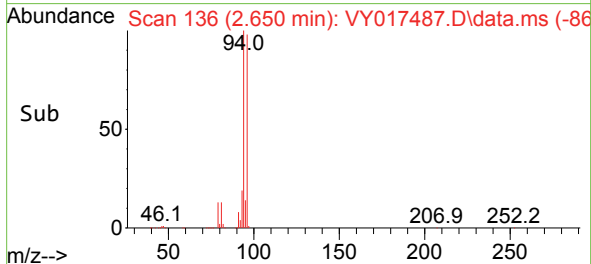
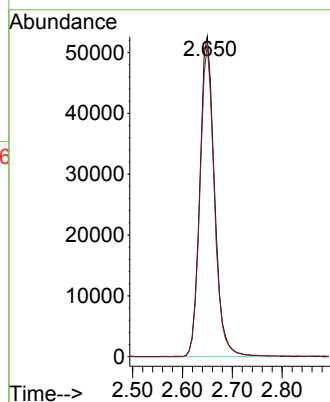
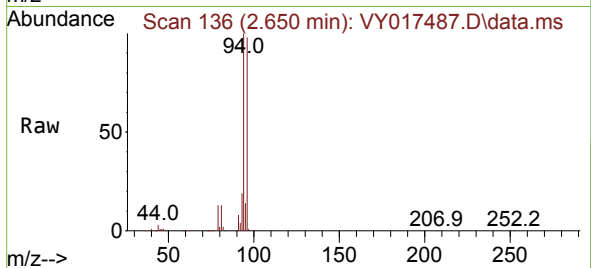




#5
Bromomethane
Concen: 47.890 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017487.D
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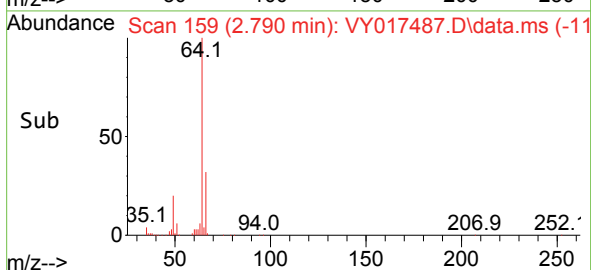
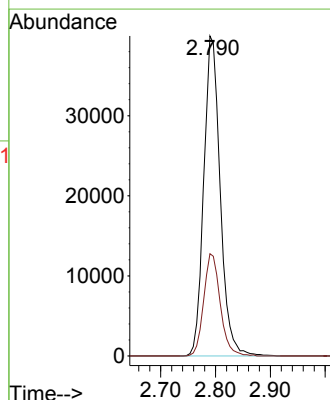
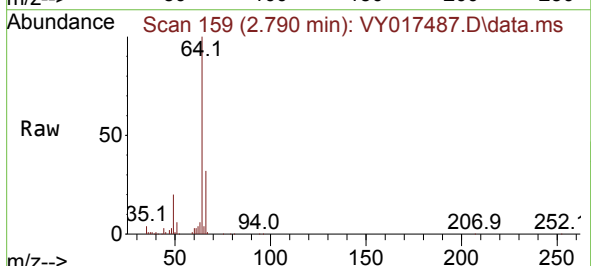
Instrument :
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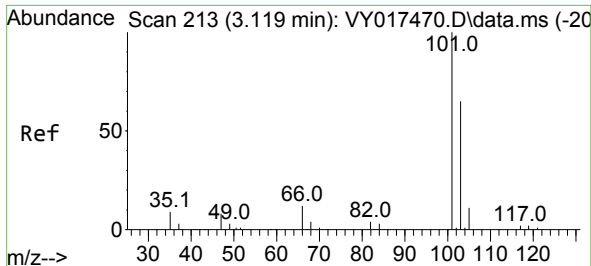
Tgt Ion: 94 Resp: 107906
Ion Ratio Lower Upper
94 100
96 97.5 74.1 111.1



#6
Chloroethane
Concen: 47.621 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

Tgt Ion: 64 Resp: 83064
Ion Ratio Lower Upper
64 100
66 31.9 26.1 39.1

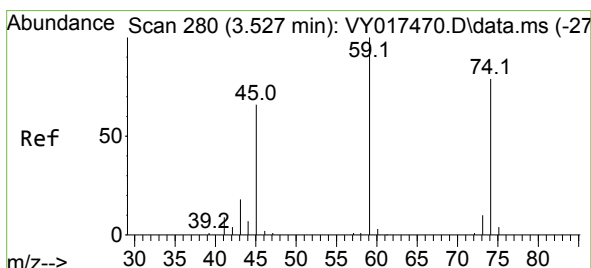
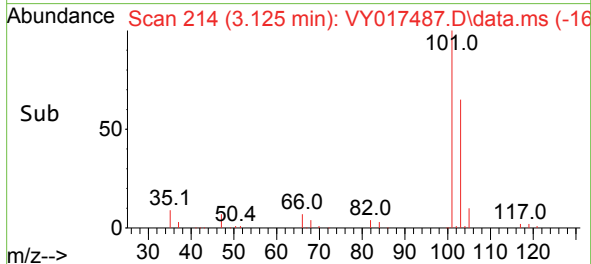
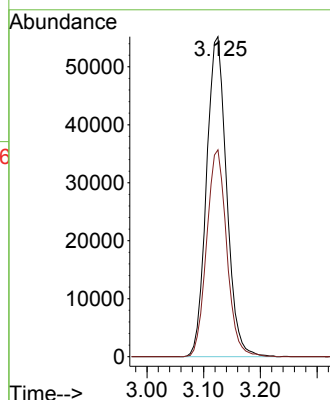
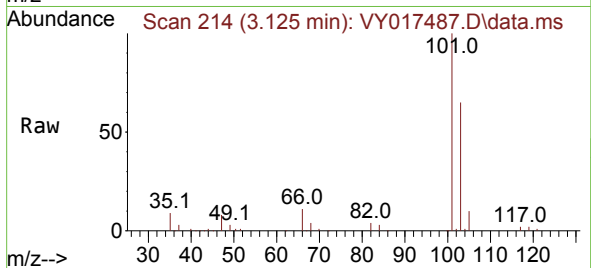




#7
 Trichlorofluoromethane
 Concen: 48.188 ug/l
 RT: 3.125 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VY017487.D
 Acq: 26 Feb 2024 17:23

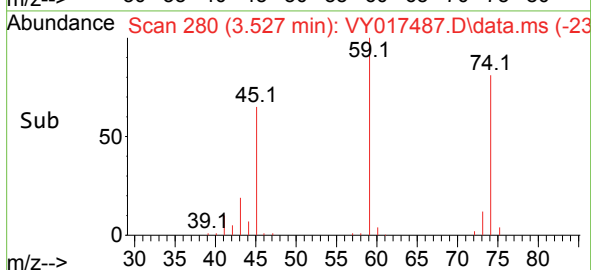
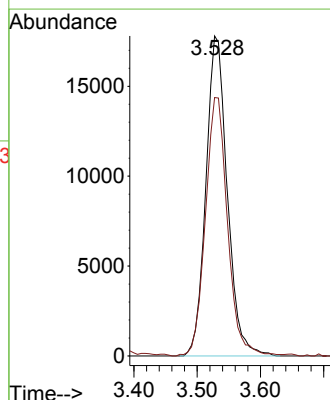
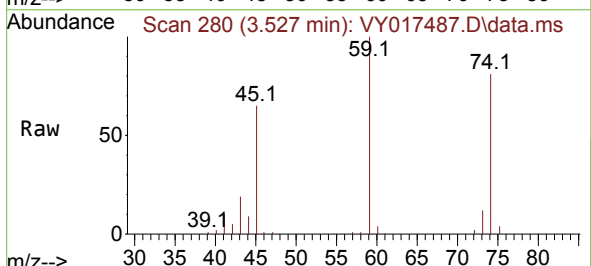
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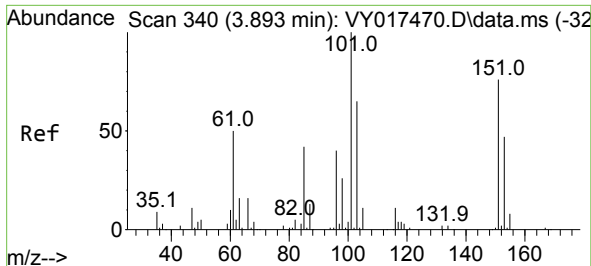
Tgt Ion:101 Resp: 135795
 Ion Ratio Lower Upper
 101 100
 103 64.7 49.3 73.9



#8
 Diethyl Ether
 Concen: 50.610 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY017487.D
 Acq: 26 Feb 2024 17:23

Tgt Ion: 74 Resp: 41830
 Ion Ratio Lower Upper
 74 100
 45 83.6 41.3 124.1

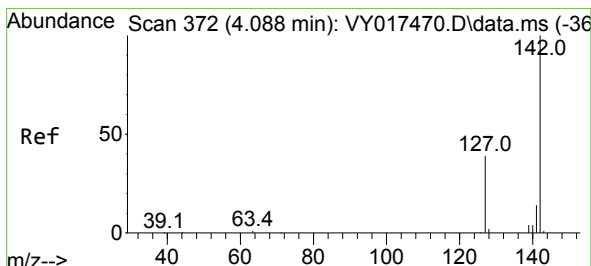
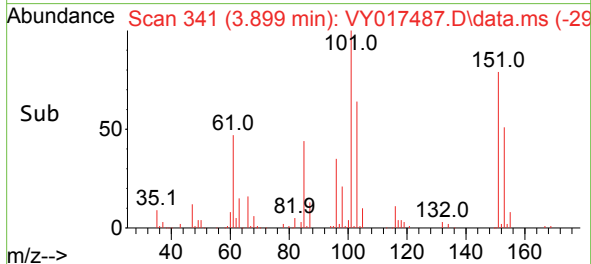
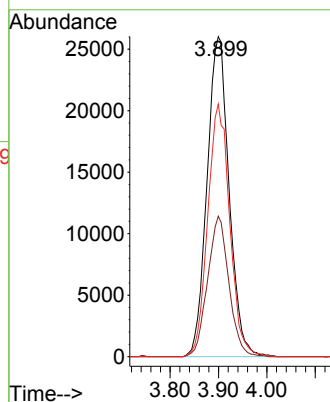
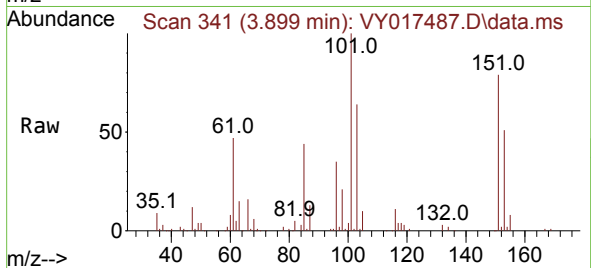




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.807 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

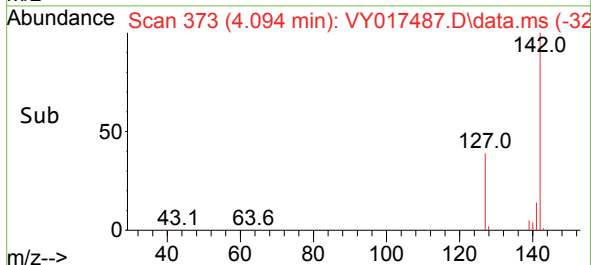
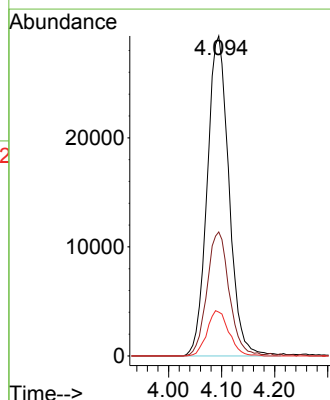
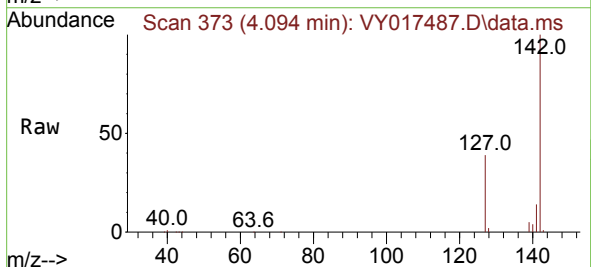
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

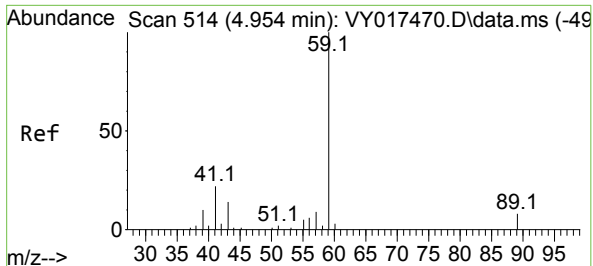
Tgt Ion:101 Resp: 82353
Ion Ratio Lower Upper
101 100
85 42.4 34.5 51.7
151 78.7 61.7 92.5



#10
Methyl Iodide
Concen: 45.879 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

Tgt Ion:142 Resp: 83458
Ion Ratio Lower Upper
142 100
127 39.8 32.8 49.2
141 14.3 11.4 17.2

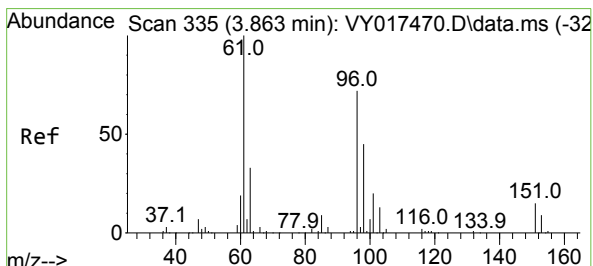
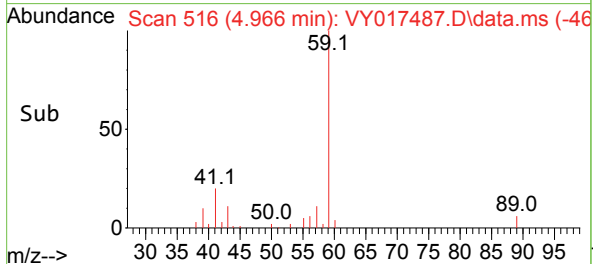
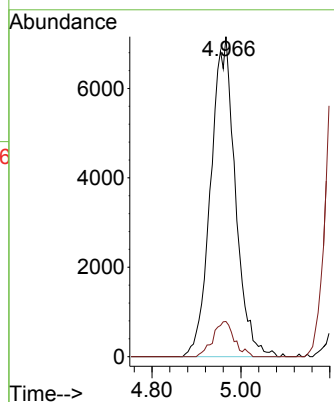
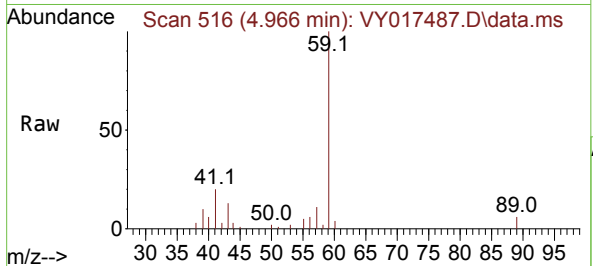




#11
Tert butyl alcohol
Concen: 213.326 ug/l
RT: 4.966 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

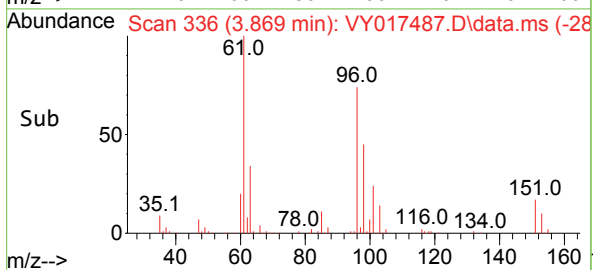
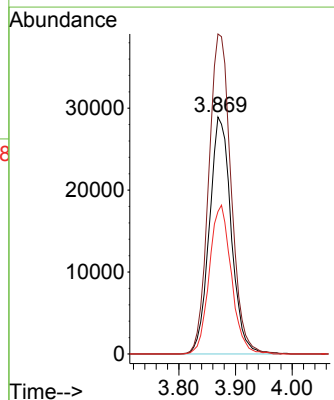
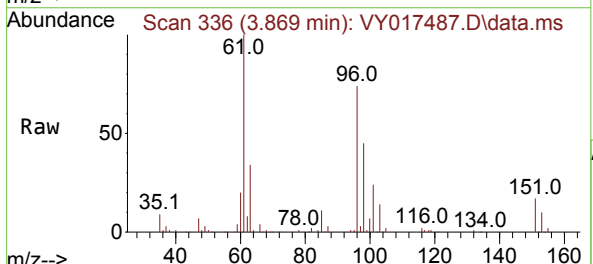
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

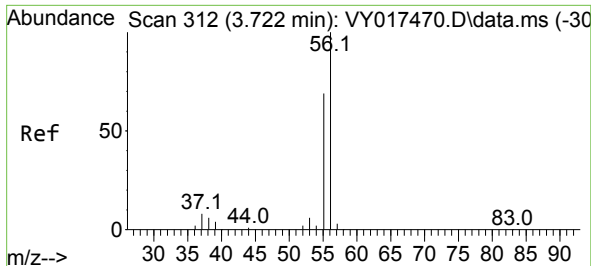
Tgt Ion: 59 Resp: 27462
Ion Ratio Lower Upper
59 100
57 9.6 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 51.205 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

Tgt Ion: 96 Resp: 77350
Ion Ratio Lower Upper
96 100
61 135.0 114.6 171.8
98 60.1 50.8 76.2

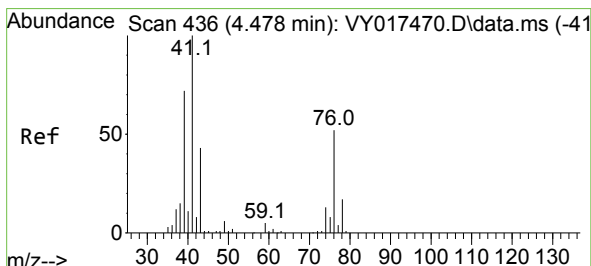
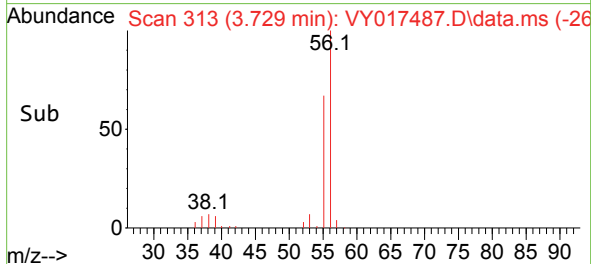
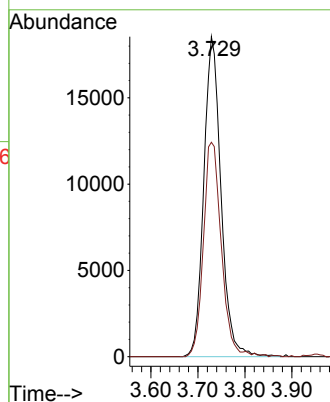
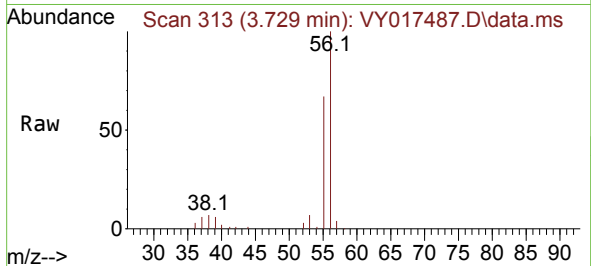




#13
Acrolein
Concen: 278.284 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

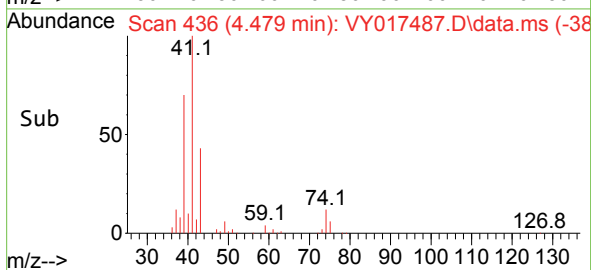
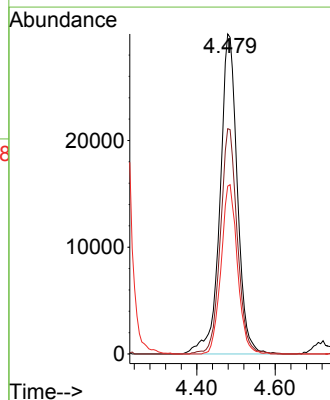
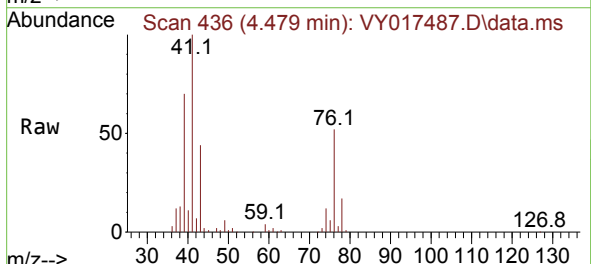
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

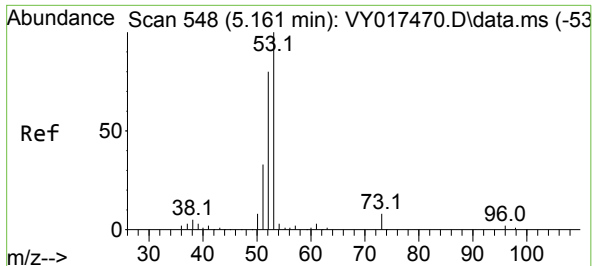
Tgt Ion: 56 Resp: 47269
Ion Ratio Lower Upper
56 100
55 69.8 55.7 83.5



#14
Allyl chloride
Concen: 50.522 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

Tgt Ion: 41 Resp: 92215
Ion Ratio Lower Upper
41 100
39 68.7 58.3 87.5
76 49.9 39.0 58.6





#15

Acrylonitrile

Concen: 263.106 ug/l

RT: 5.161 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY017487.D

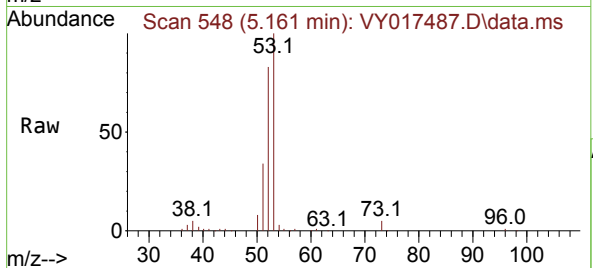
Acq: 26 Feb 2024 17:23

Instrument :

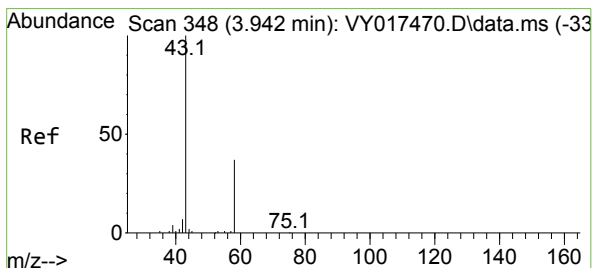
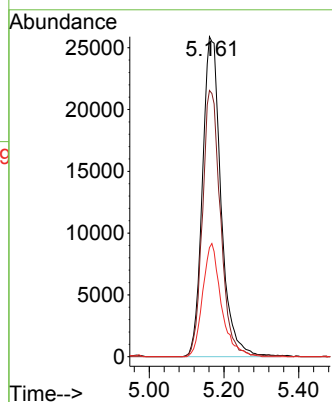
MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:	53	Resp:	89395
Ion	Ratio	Lower	Upper
53	100		
52	80.7	64.7	97.1
51	35.5	28.4	42.6



#16

Acetone

Concen: 260.578 ug/l

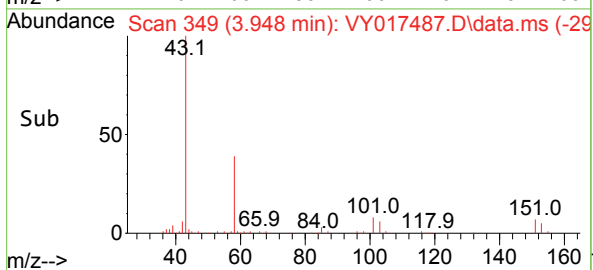
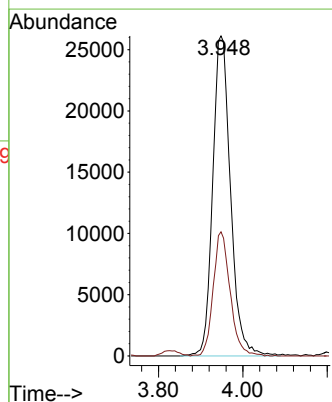
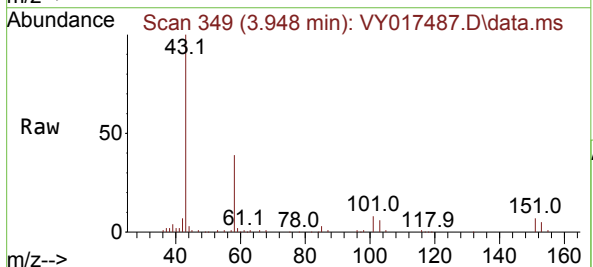
RT: 3.948 min Scan# 349

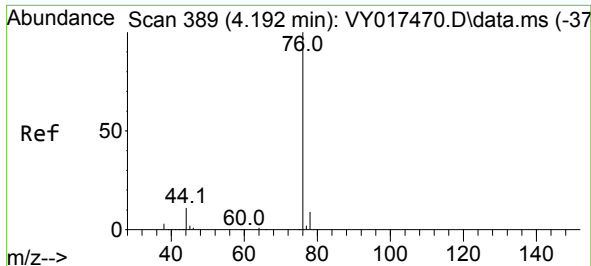
Delta R.T. 0.006 min

Lab File: VY017487.D

Acq: 26 Feb 2024 17:23

Tgt Ion:	43	Resp:	76596
Ion	Ratio	Lower	Upper
43	100		
58	38.8	31.7	47.5





#17

Carbon Disulfide

Concen: 49.661 ug/l

RT: 4.198 min Scan# 389

Delta R.T. 0.006 min

Lab File: VY017487.D

Acq: 26 Feb 2024 17:23

Instrument :

MSVOA_Y

ClientSampleId :

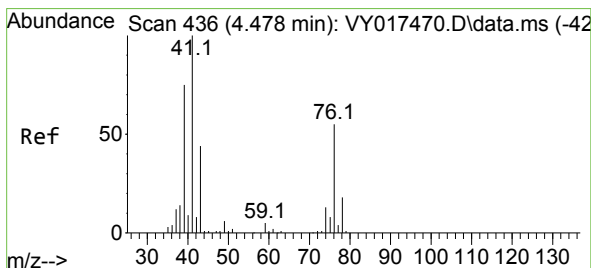
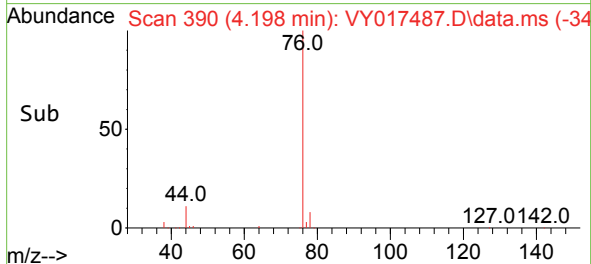
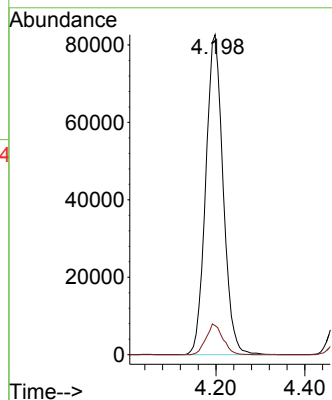
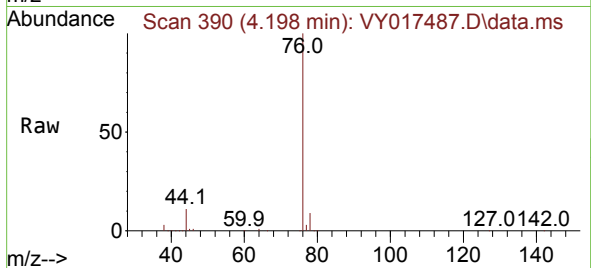
VSTDCCC050EC

Tgt Ion: 76 Resp: 225173

Ion Ratio Lower Upper

76 100

78 9.1 6.8 10.2



#18

Methyl Acetate

Concen: 53.479 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017487.D

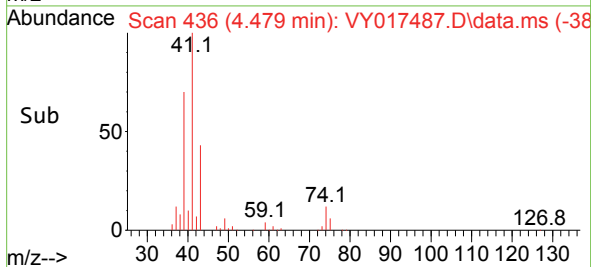
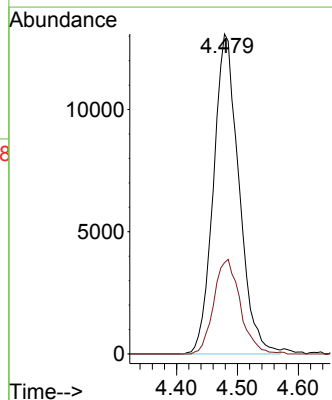
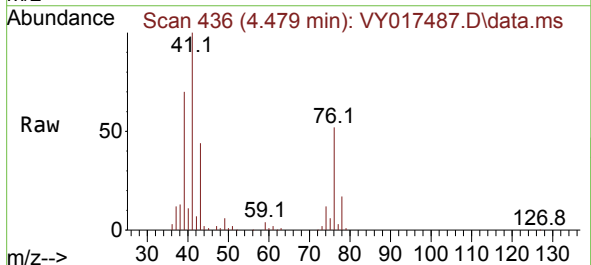
Acq: 26 Feb 2024 17:23

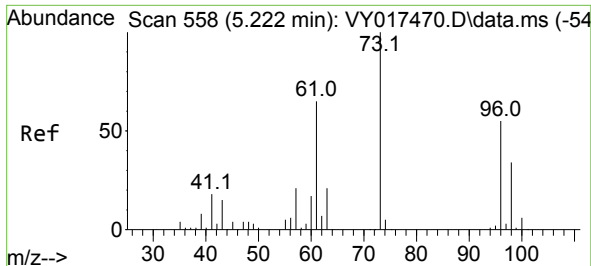
Tgt Ion: 43 Resp: 38138

Ion Ratio Lower Upper

43 100

74 30.6 23.3 34.9

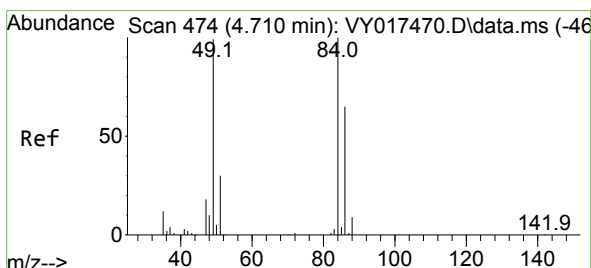
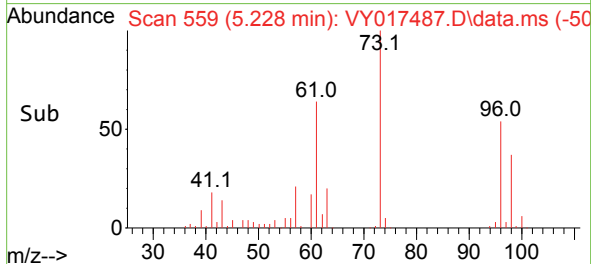
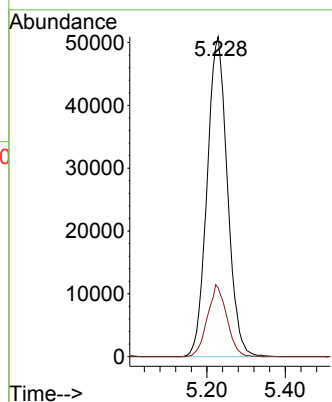
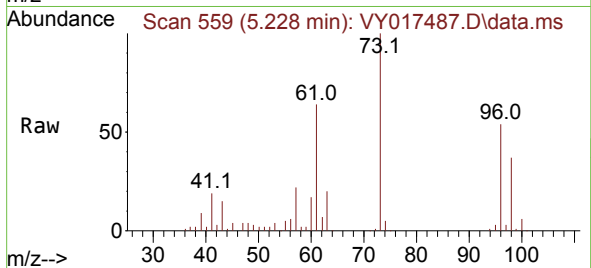




#19
Methyl tert-butyl Ether
Concen: 51.938 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

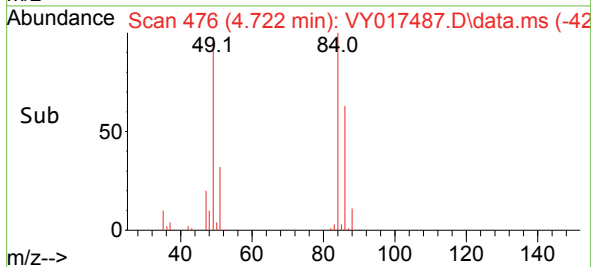
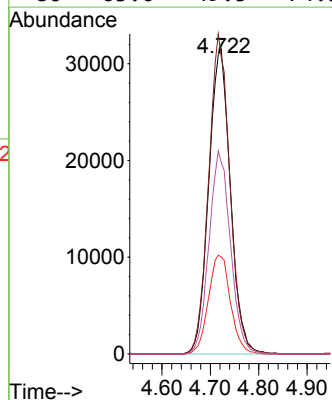
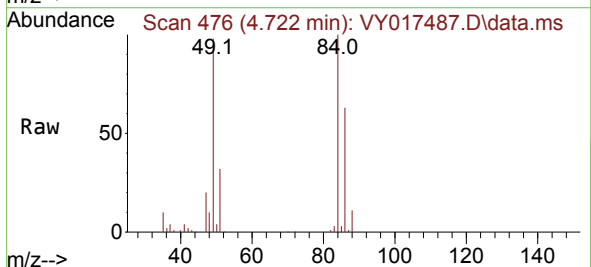
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

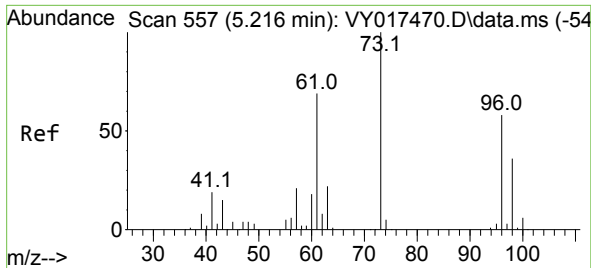
Tgt Ion: 73 Resp: 182868
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 57.730 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

Tgt Ion: 84 Resp: 98238
Ion Ratio Lower Upper
84 100
49 97.5 84.4 126.6
51 31.9 26.0 39.0
86 63.0 49.5 74.3

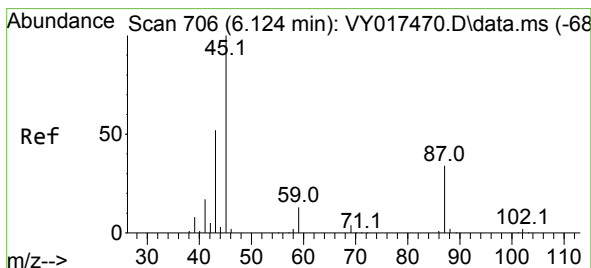
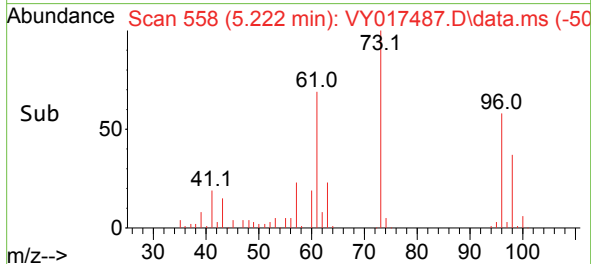
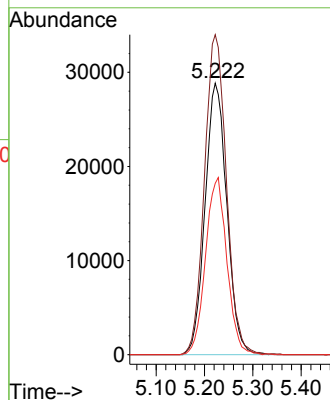
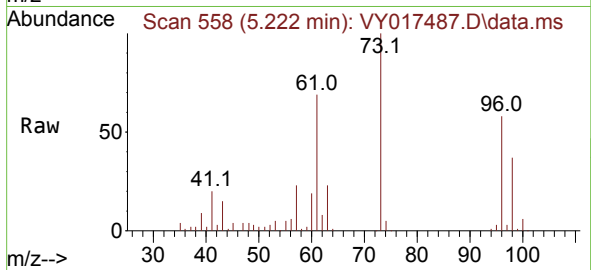




#21
trans-1,2-Dichloroethene
Concen: 51.095 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

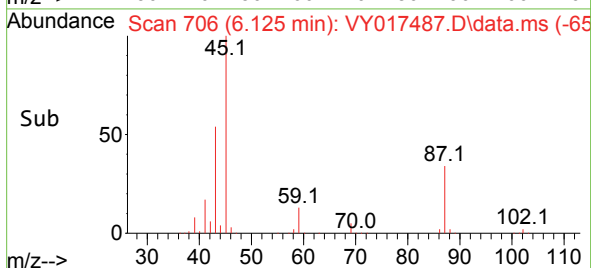
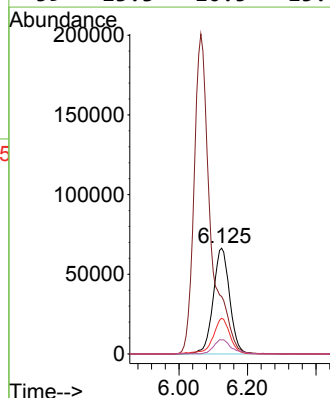
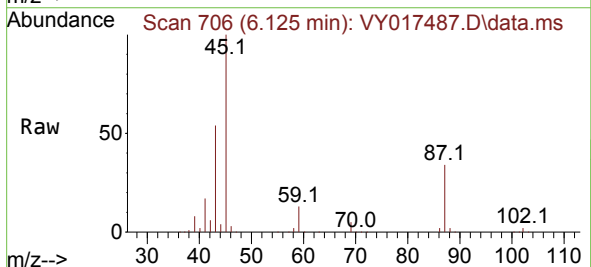
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

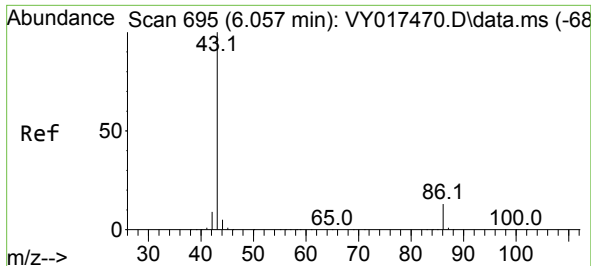
Tgt Ion: 96 Resp: 90371
Ion Ratio Lower Upper
96 100
61 117.8 97.5 146.3
98 63.1 50.5 75.7



#22
Diisopropyl ether
Concen: 52.676 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

Tgt Ion: 45 Resp: 221868
Ion Ratio Lower Upper
45 100
43 54.0 42.2 63.2
87 33.7 25.0 37.6
59 13.3 10.5 15.7

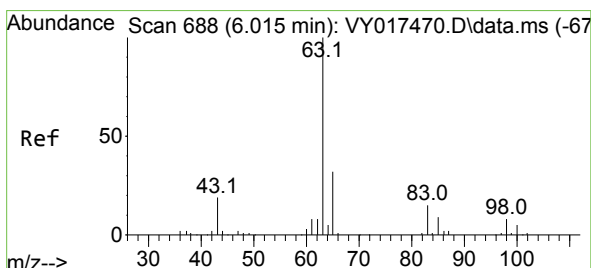
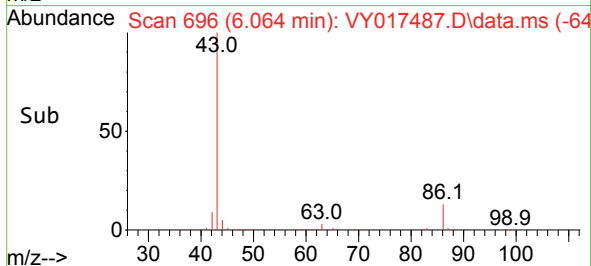
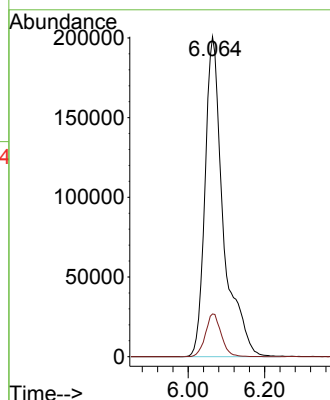
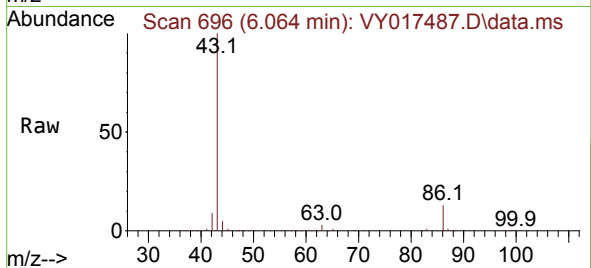




#23
 Vinyl Acetate
 Concen: 265.884 ug/l
 RT: 6.064 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VY017487.D
 Acq: 26 Feb 2024 17:23

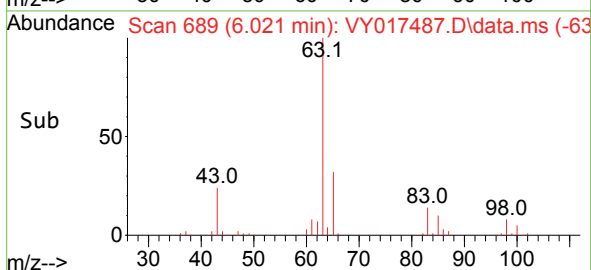
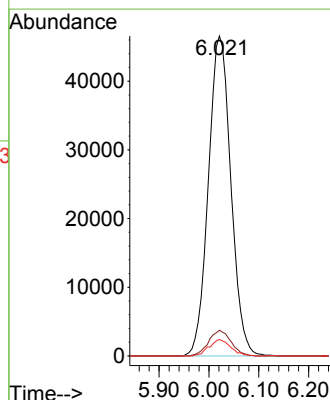
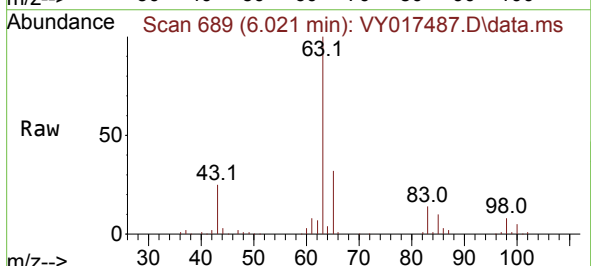
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

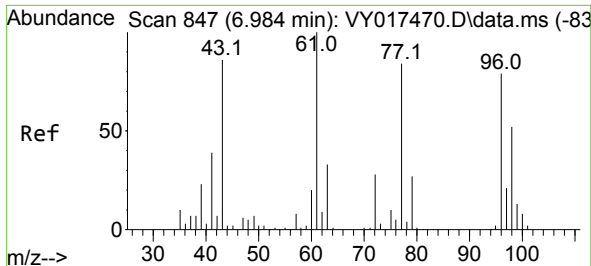
Tgt Ion: 43 Resp: 667329
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 50.729 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY017487.D
 Acq: 26 Feb 2024 17:23

Tgt Ion: 63 Resp: 145974
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 12.2
 100 5.1 2.6 8.0





#25

2-Butanone

Concen: 266.913 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY017487.D

Acq: 26 Feb 2024 17:23

Instrument :

MSVOA_Y

ClientSampleId :

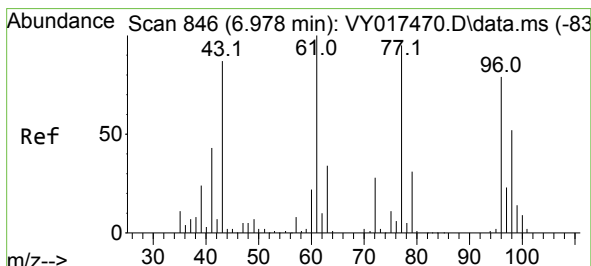
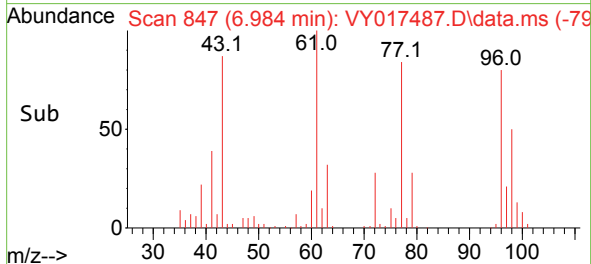
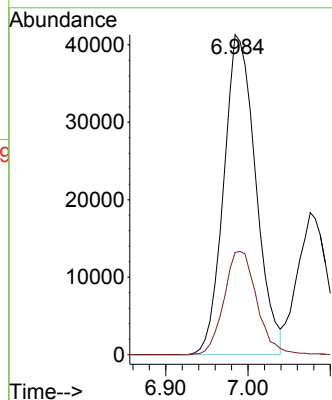
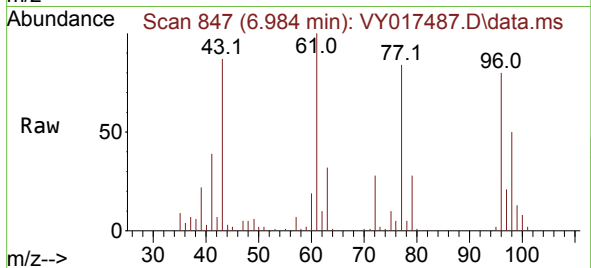
VSTDCCC050EC

Tgt Ion: 43 Resp: 111813

Ion Ratio Lower Upper

43 100

72 31.9 27.3 40.9



#26

2,2-Dichloropropane

Concen: 49.797 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY017487.D

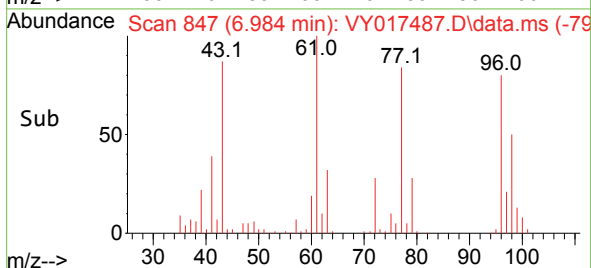
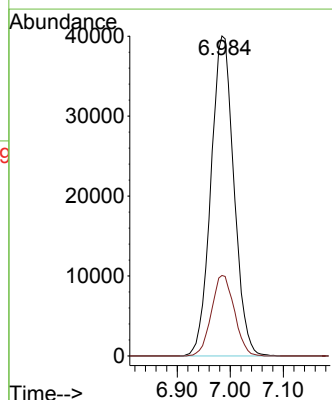
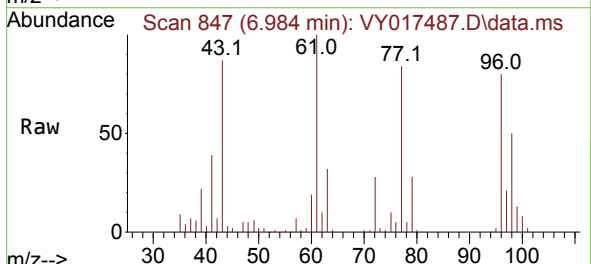
Acq: 26 Feb 2024 17:23

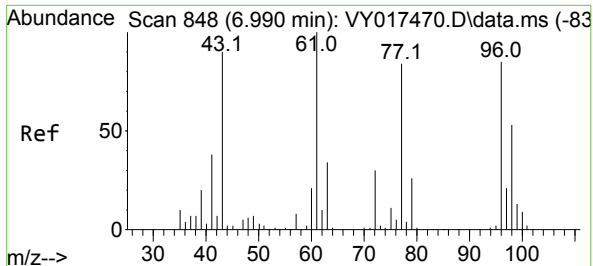
Tgt Ion: 77 Resp: 120475

Ion Ratio Lower Upper

77 100

97 25.1 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 52.762 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY017487.D

Acq: 26 Feb 2024 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

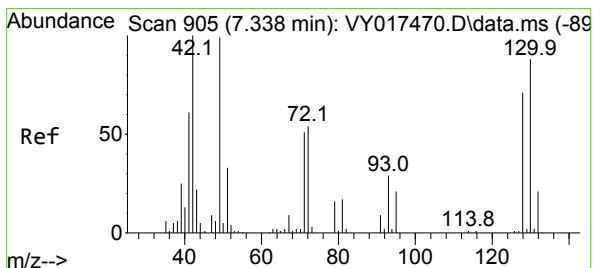
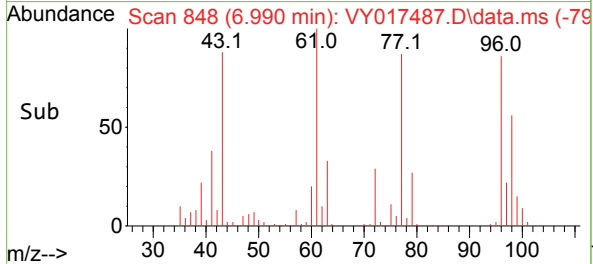
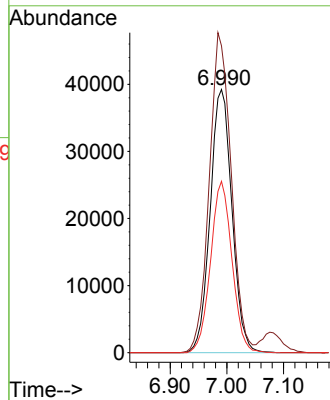
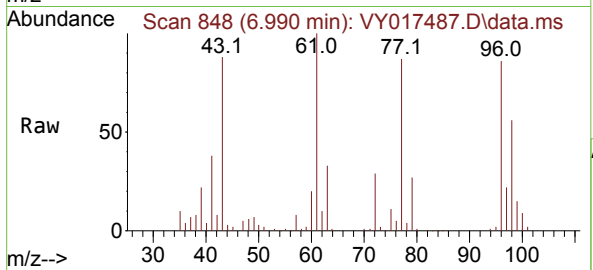
Tgt Ion: 96 Resp: 104779

Ion Ratio Lower Upper

96 100

61 122.2 0.0 256.2

98 63.9 0.0 130.0



#28

Bromochloromethane

Concen: 44.677 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY017487.D

Acq: 26 Feb 2024 17:23

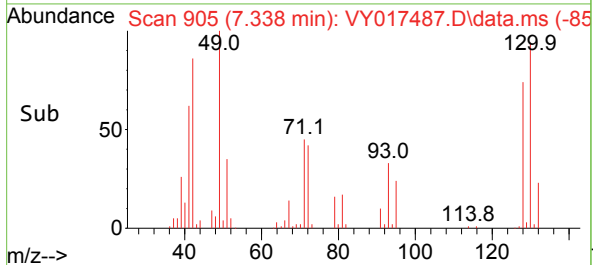
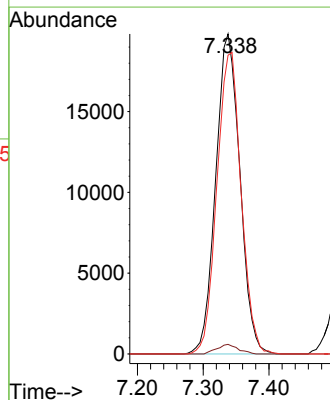
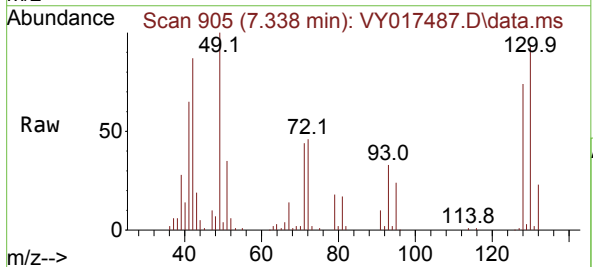
Tgt Ion: 49 Resp: 50631

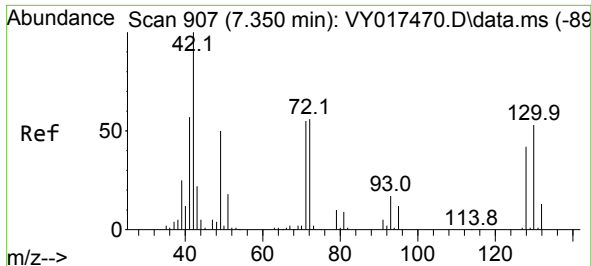
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.6

130 94.4 72.7 109.1





#29

Tetrahydrofuran

Concen: 271.409 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY017487.D

Acq: 26 Feb 2024 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

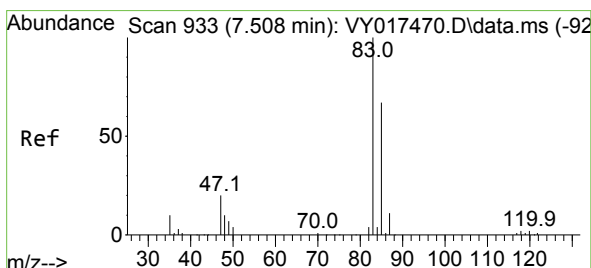
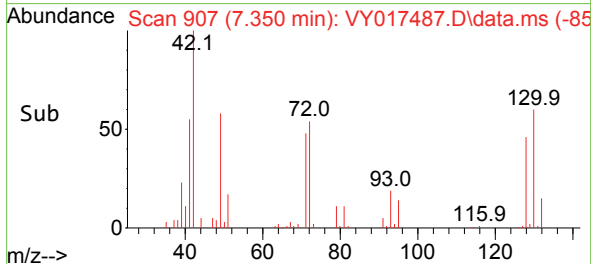
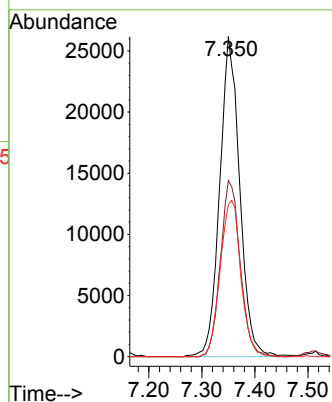
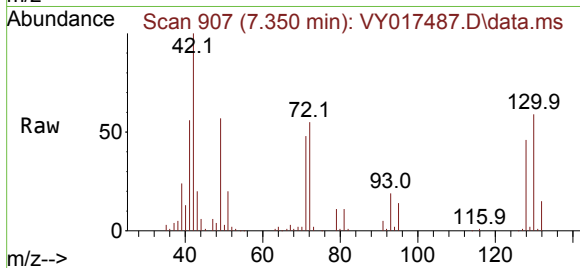
Tgt Ion: 42 Resp: 68537

Ion Ratio Lower Upper

42 100

72 54.4 43.0 64.4

71 50.7 40.8 61.2



#30

Chloroform

Concen: 51.607 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017487.D

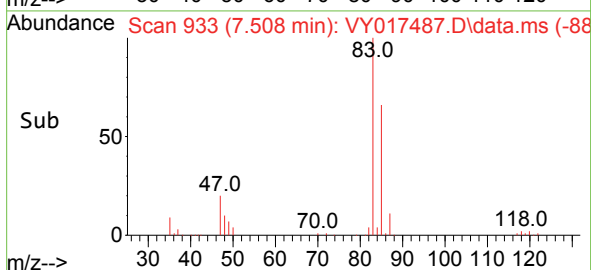
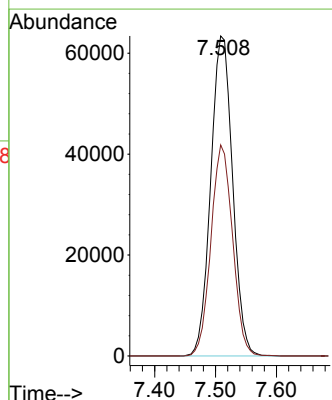
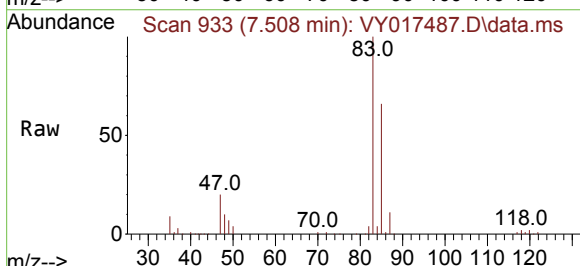
Acq: 26 Feb 2024 17:23

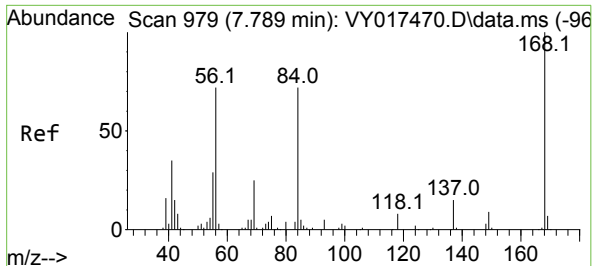
Tgt Ion: 83 Resp: 158102

Ion Ratio Lower Upper

83 100

85 66.0 52.2 78.4

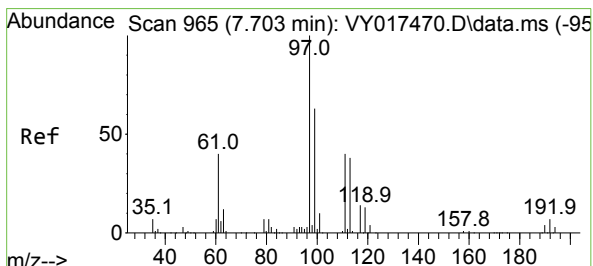
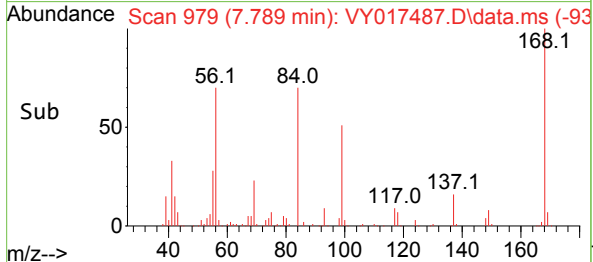
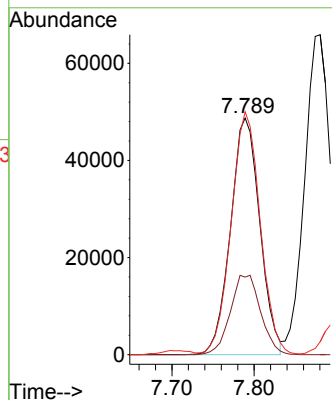
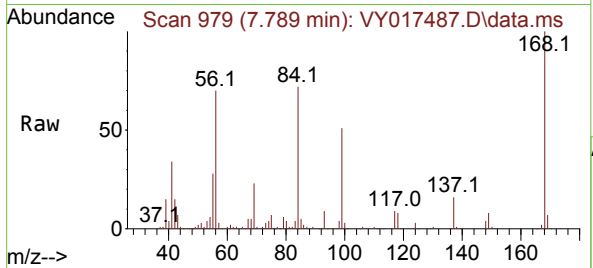




#31
Cyclohexane
Concen: 49.077 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

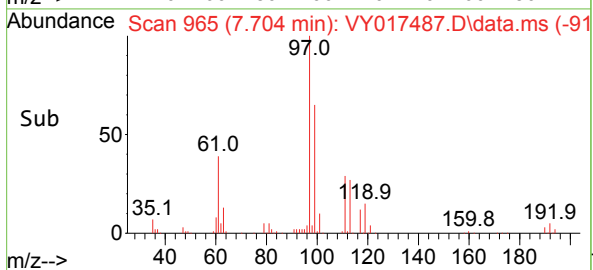
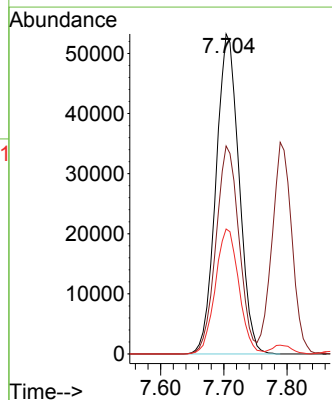
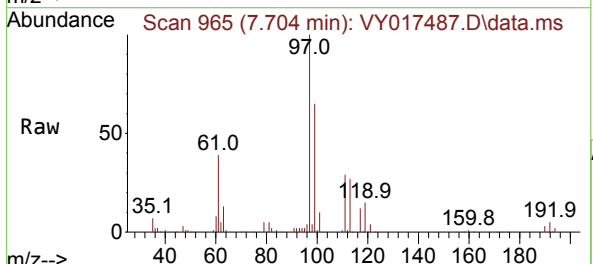
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

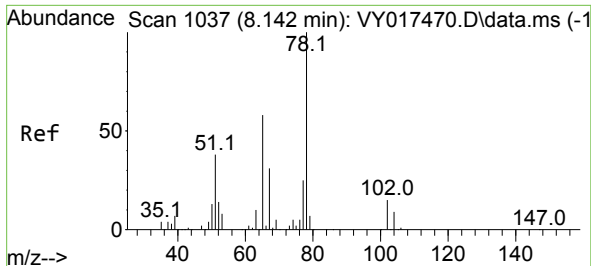
Tgt Ion: 56 Resp: 121041
Ion Ratio Lower Upper
56 100
69 32.8 28.7 43.1
84 100.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 50.621 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

Tgt Ion: 97 Resp: 134641
Ion Ratio Lower Upper
97 100
99 65.2 50.3 75.5
61 40.0 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 37.221 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY017487.D

Acq: 26 Feb 2024 17:23

Instrument :

MSVOA_Y

ClientSampleId :

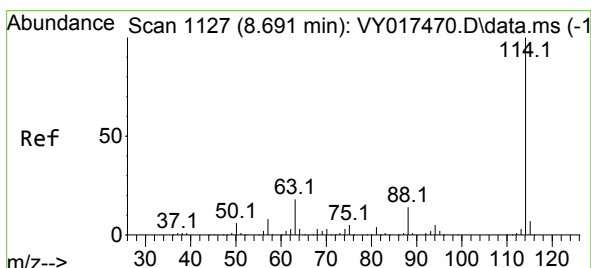
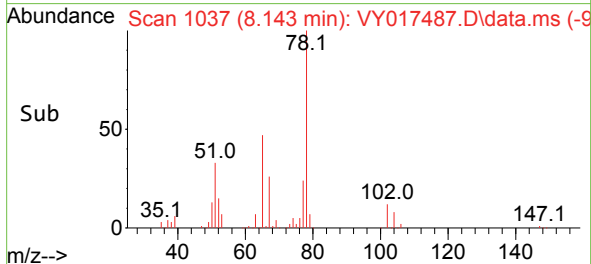
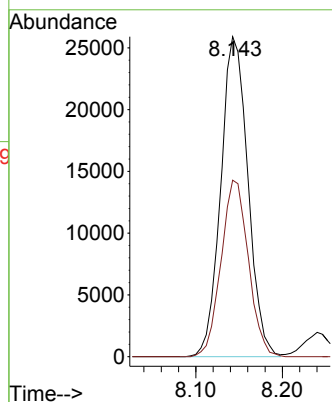
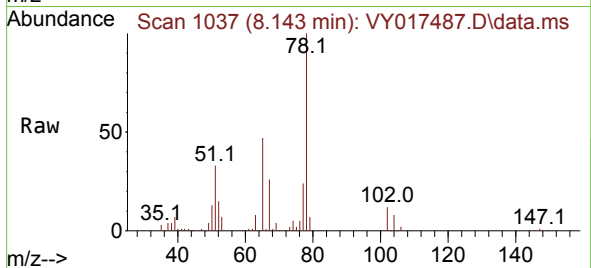
VSTDCCC050EC

Tgt Ion: 65 Resp: 56408

Ion Ratio Lower Upper

65 100

67 55.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017487.D

Acq: 26 Feb 2024 17:23

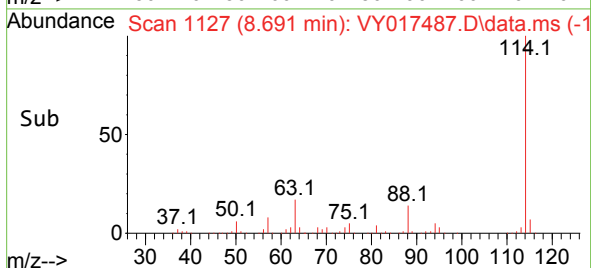
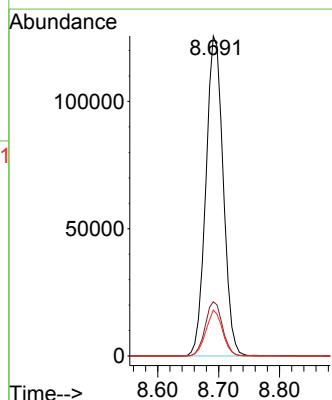
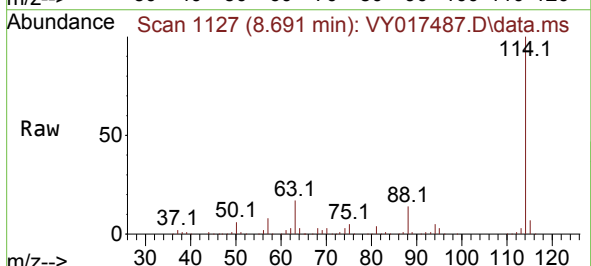
Tgt Ion: 114 Resp: 247973

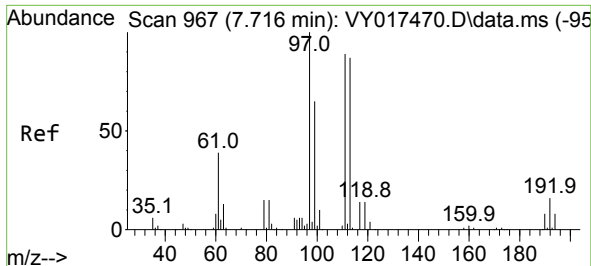
Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

88 14.3 0.0 27.2

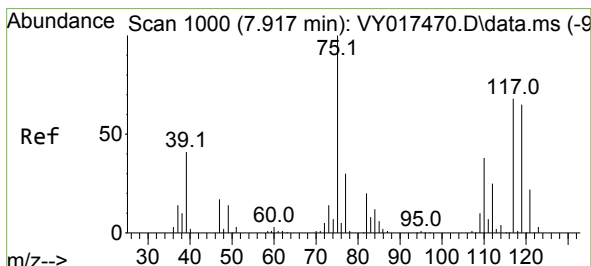
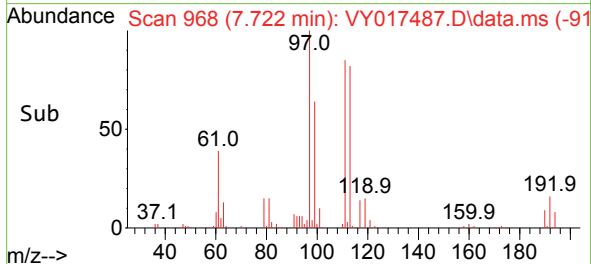
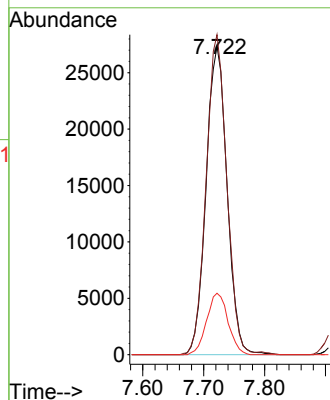
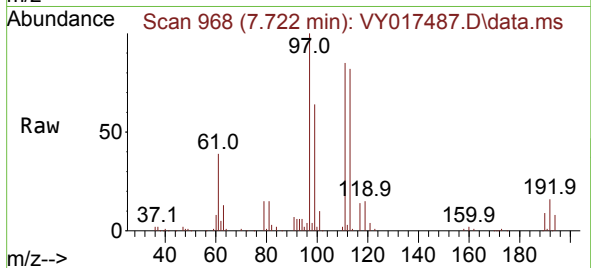




#35
Dibromofluoromethane
Concen: 37.875 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

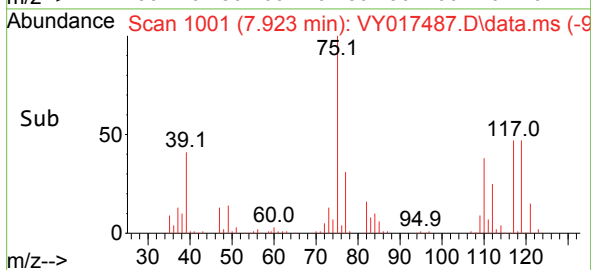
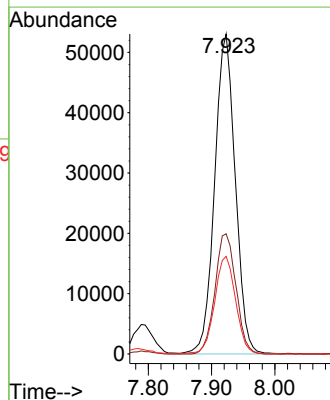
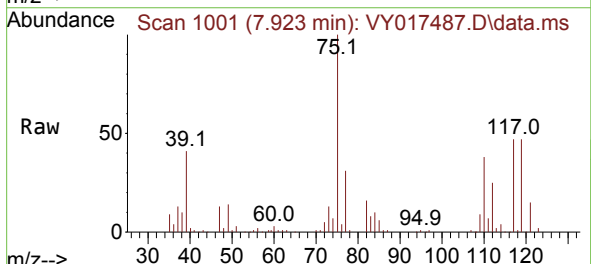
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

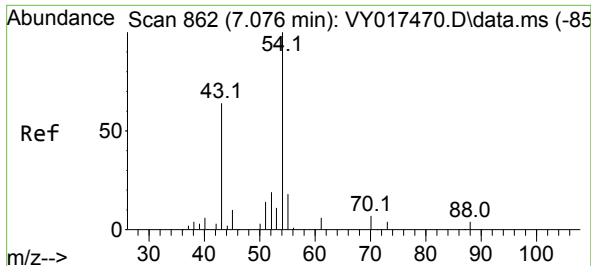
Tgt Ion:113 Resp: 65447
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 20.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 51.439 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

Tgt Ion: 75 Resp: 119925
Ion Ratio Lower Upper
75 100
110 38.1 19.0 57.0
77 31.0 25.3 37.9





#37

Ethyl Acetate

Concen: 52.991 ug/l

RT: 7.076 min Scan# 862

Delta R.T. 0.000 min

Lab File: VY017487.D

Acq: 26 Feb 2024 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

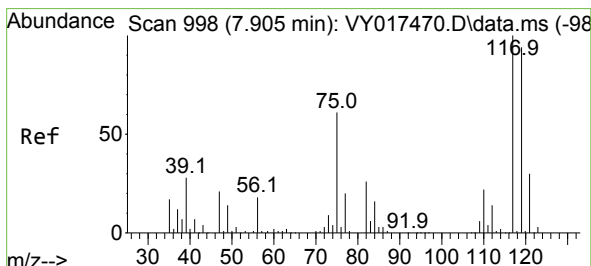
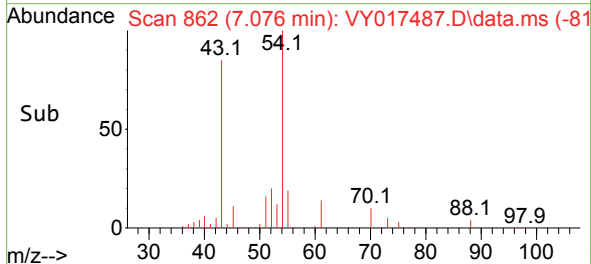
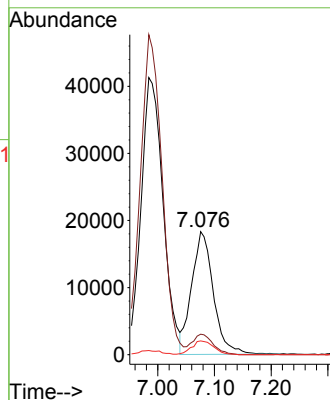
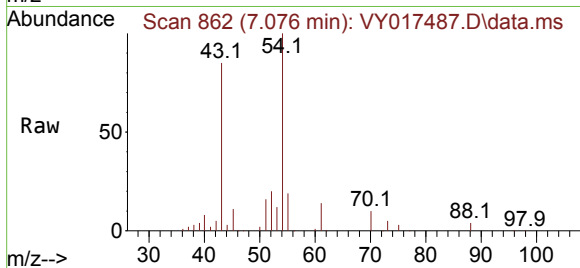
Tgt Ion: 43 Resp: 48795

Ion Ratio Lower Upper

43 100

61 15.6 12.6 19.0

70 11.4 7.8 11.8



#38

Carbon Tetrachloride

Concen: 51.881 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY017487.D

Acq: 26 Feb 2024 17:23

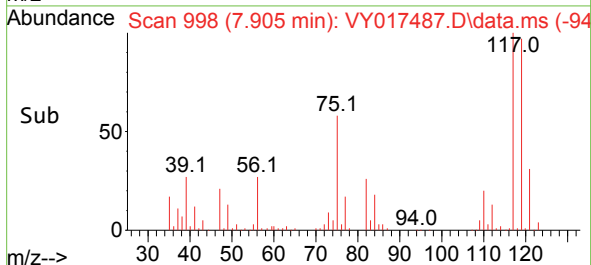
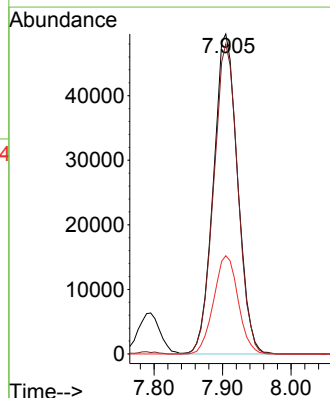
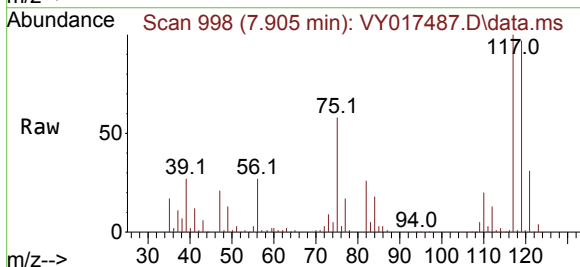
Tgt Ion: 117 Resp: 121224

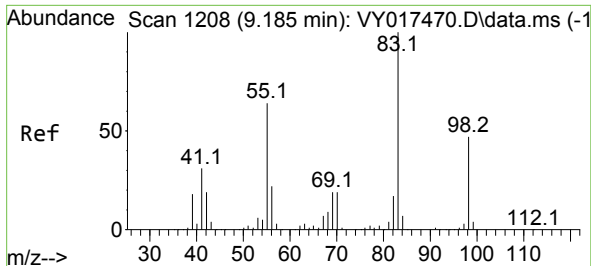
Ion Ratio Lower Upper

117 100

119 96.9 75.8 113.6

121 30.7 24.0 36.0





#39

Methylcyclohexane

Concen: 53.405 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017487.D

Acq: 26 Feb 2024 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

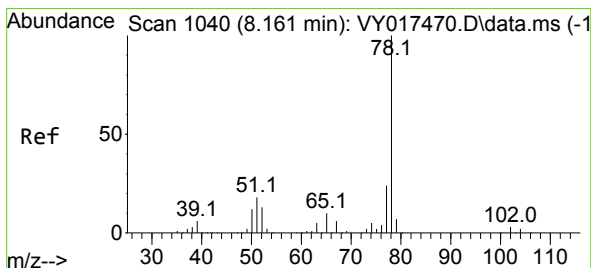
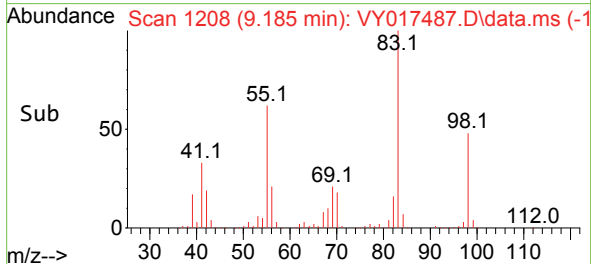
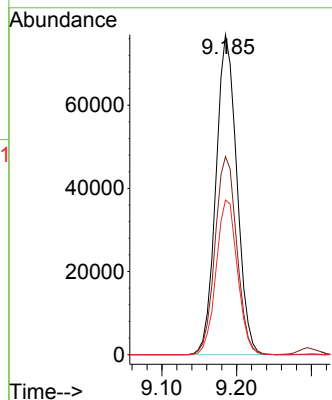
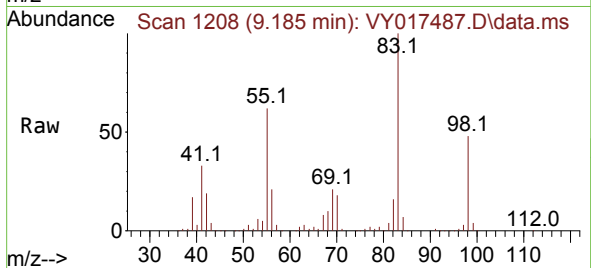
Tgt Ion: 83 Resp: 149630

Ion Ratio Lower Upper

83 100

55 61.9 51.5 77.3

98 48.4 40.5 60.7



#40

Benzene

Concen: 52.210 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY017487.D

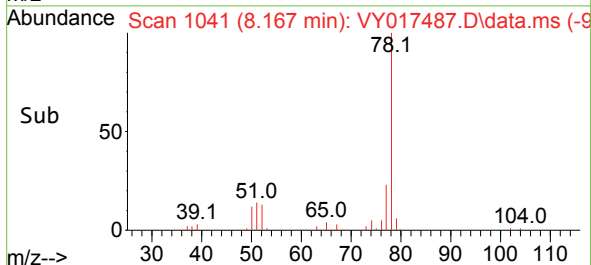
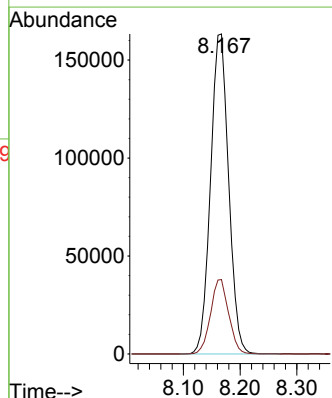
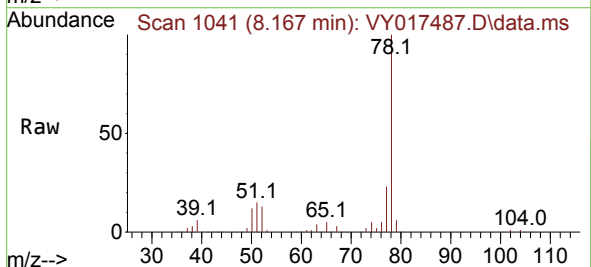
Acq: 26 Feb 2024 17:23

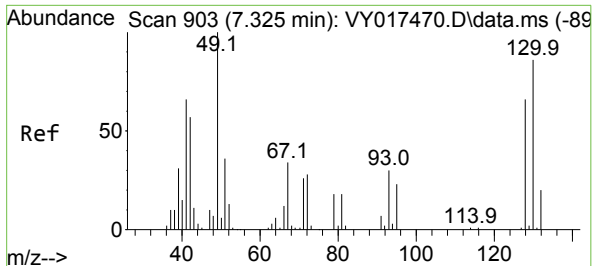
Tgt Ion: 78 Resp: 361479

Ion Ratio Lower Upper

78 100

77 23.3 19.5 29.3

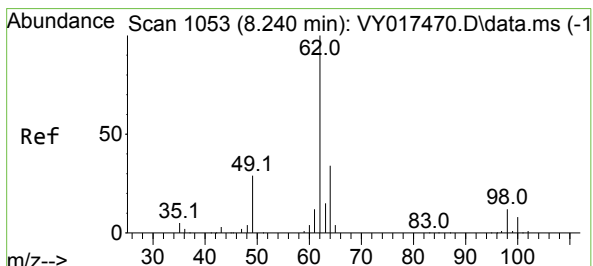
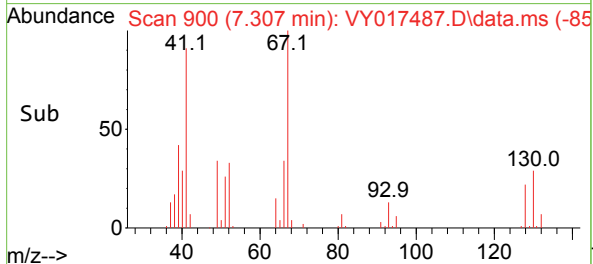
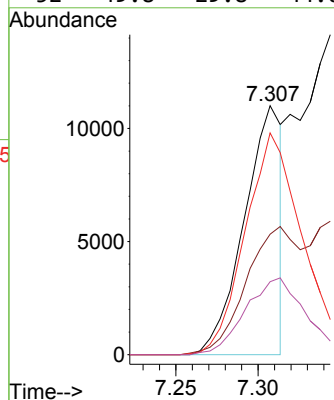
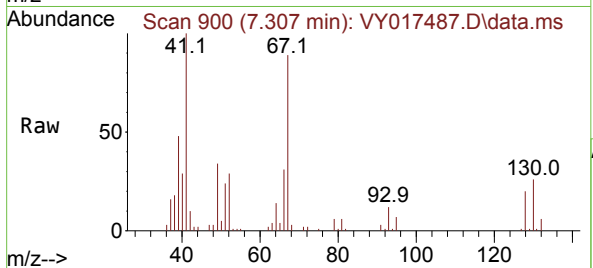




#41
Methacrylonitrile
Concen: 38.331 ug/l
RT: 7.307 min Scan# 900
Delta R.T. -0.018 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

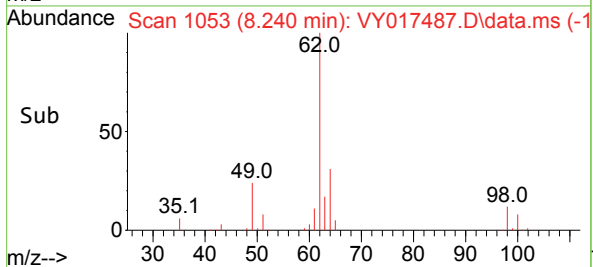
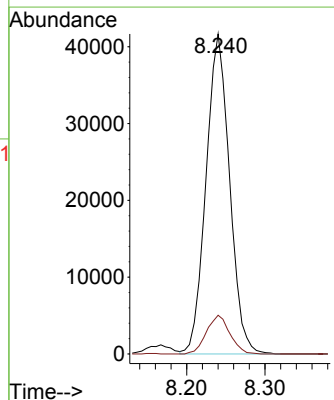
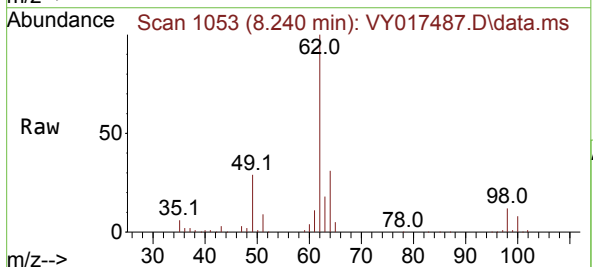
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

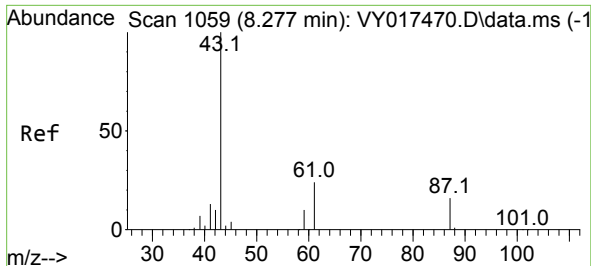
Tgt Ion: 41 Resp: 17712
Ion Ratio Lower Upper
41 100
39 70.9 48.0 72.0
67 134.3 75.1 112.7#
52 49.8 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 51.537 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

Tgt Ion: 62 Resp: 87059
Ion Ratio Lower Upper
62 100
98 12.0 0.0 22.0

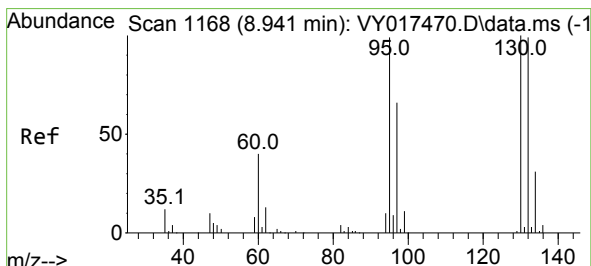
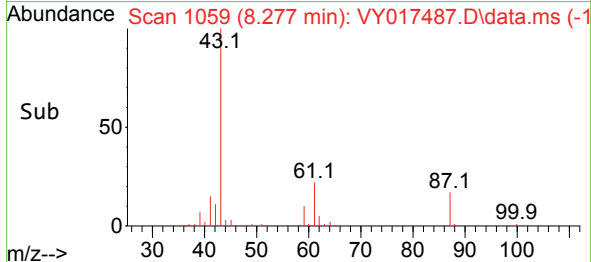
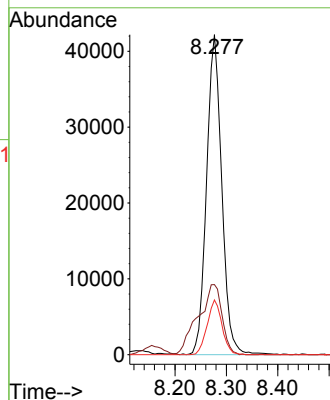
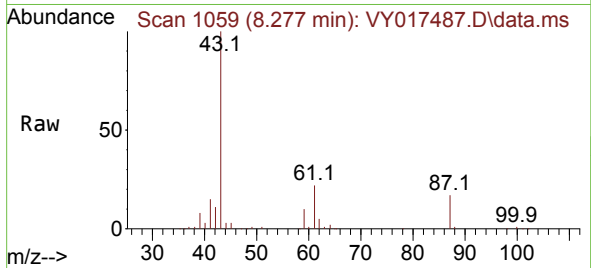




#43
Isopropyl Acetate
Concen: 53.525 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

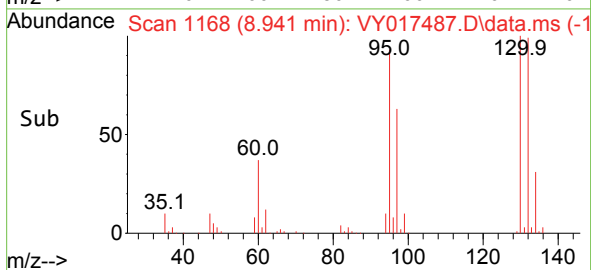
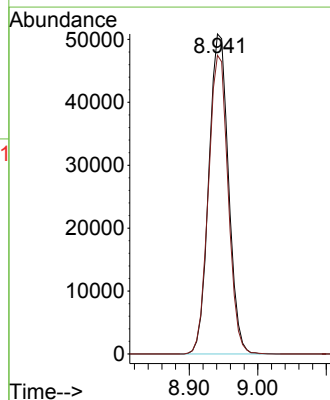
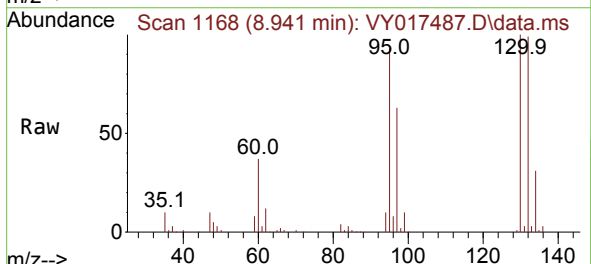
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

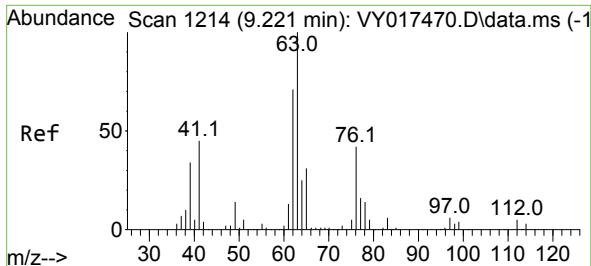
Tgt Ion: 43 Resp: 86610
Ion Ratio Lower Upper
43 100
61 34.4 27.9 41.9
87 16.7 13.1 19.7



#44
Trichloroethene
Concen: 50.777 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

Tgt Ion:130 Resp: 101331
Ion Ratio Lower Upper
130 100
95 93.3 0.0 188.0

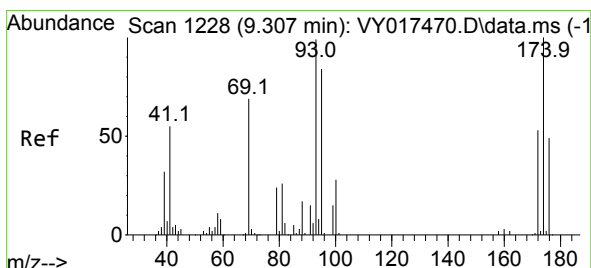
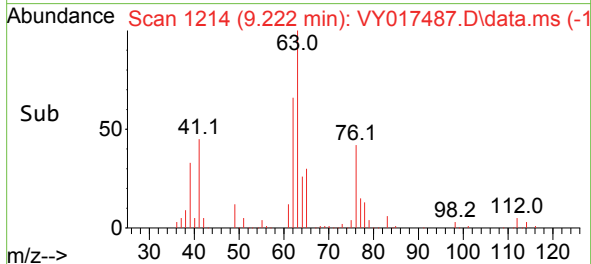
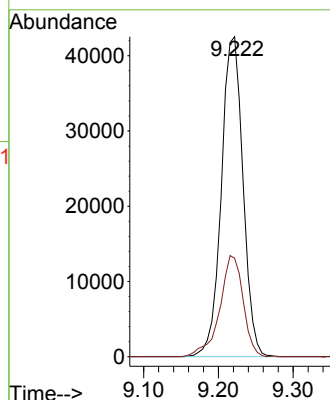
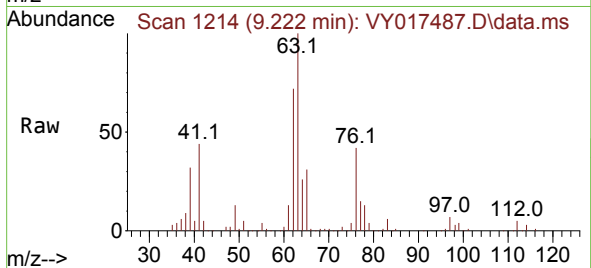




#45
1,2-Dichloropropane
Concen: 51.946 ug/l
RT: 9.222 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

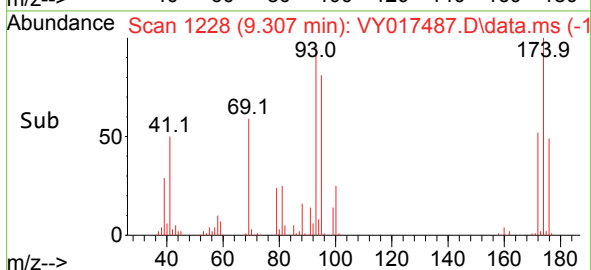
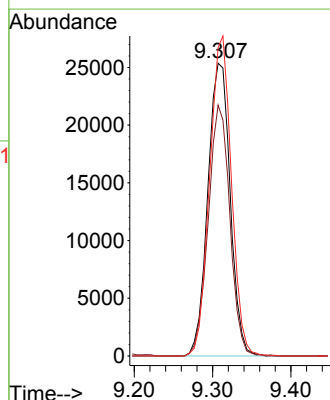
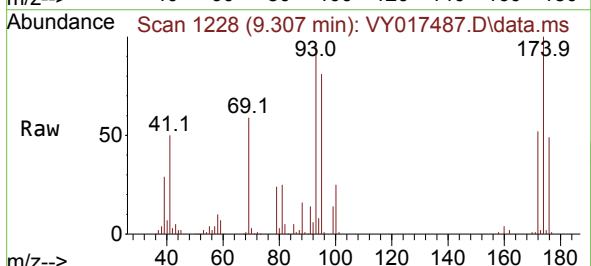
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

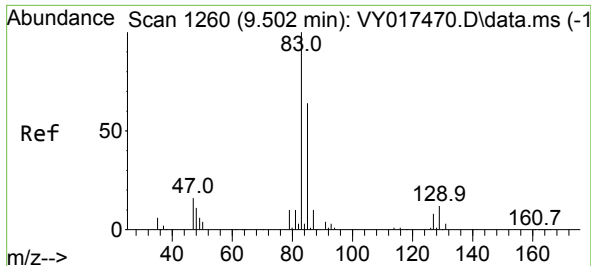
Tgt Ion: 63 Resp: 85567
Ion Ratio Lower Upper
63 100
65 30.8 25.4 38.2



#46
Dibromomethane
Concen: 53.348 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

Tgt Ion: 93 Resp: 50292
Ion Ratio Lower Upper
93 100
95 82.8 66.2 99.4
174 106.5 80.9 121.3

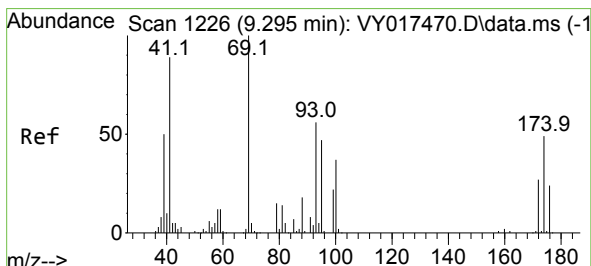
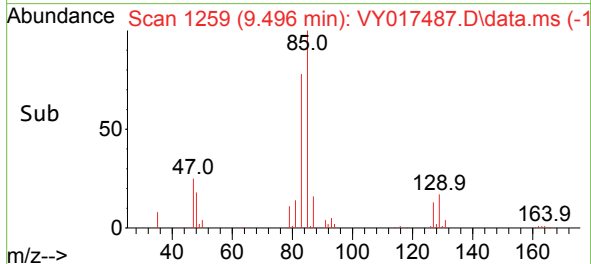
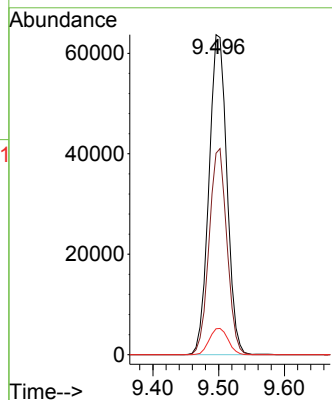
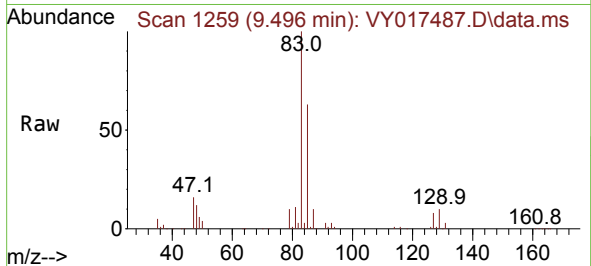




#47
Bromodichloromethane
Concen: 52.870 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

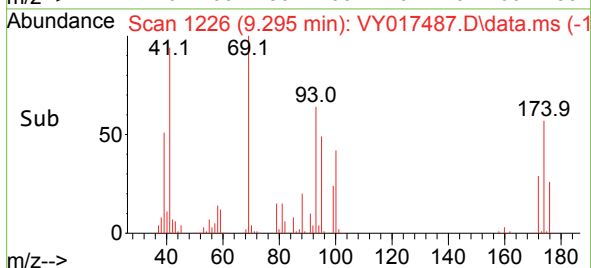
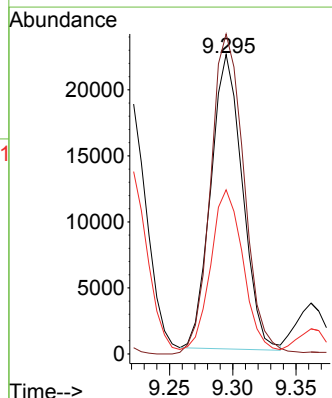
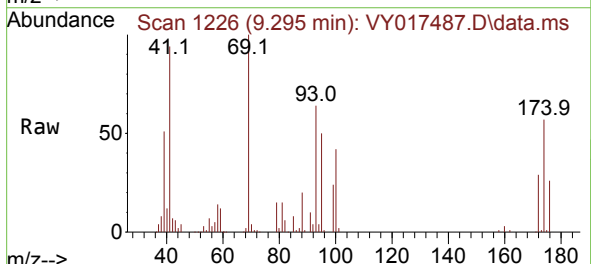
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

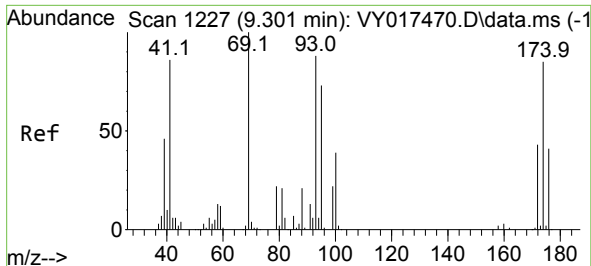
Tgt Ion: 83 Resp: 121018
Ion Ratio Lower Upper
83 100
85 63.0 50.1 75.1
127 8.1 7.4 11.0



#48
Methyl methacrylate
Concen: 51.845 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

Tgt Ion: 41 Resp: 38831
Ion Ratio Lower Upper
41 100
69 115.5 84.1 126.1
39 57.6 43.6 65.4





#49

1,4-Dioxane

Concen: 1103.215 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017487.D

Acq: 26 Feb 2024 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

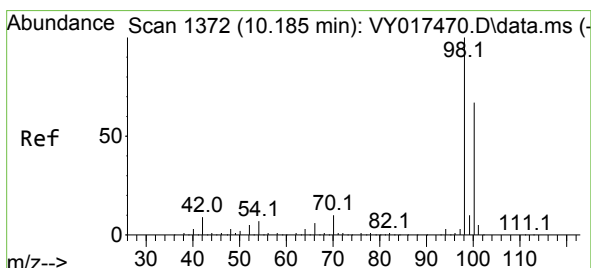
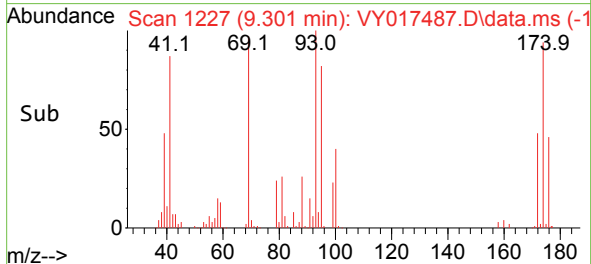
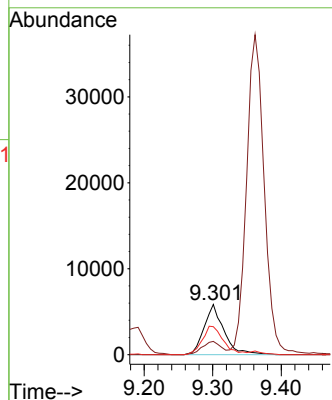
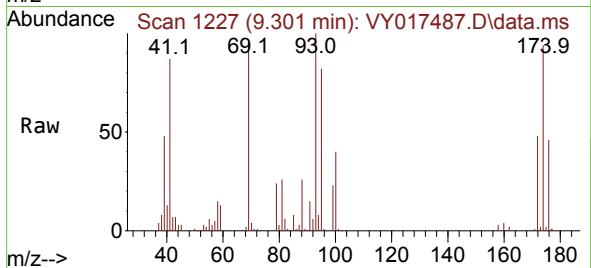
Tgt Ion: 88 Resp: 11770

Ion Ratio Lower Upper

88 100

43 25.0 0.0 0.0#

58 60.3 49.3 73.9



#50

Toluene-d8

Concen: 40.680 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017487.D

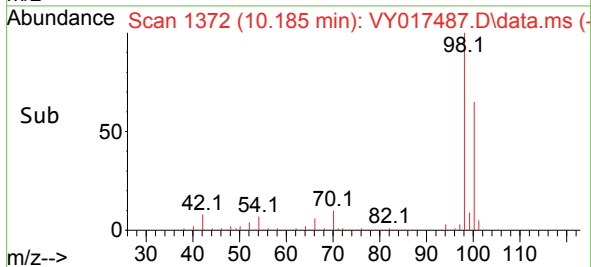
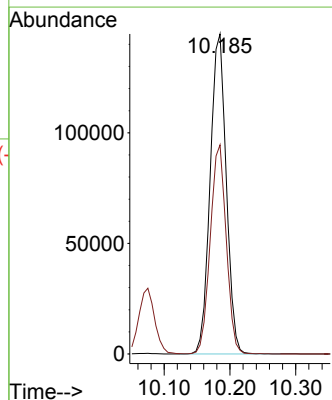
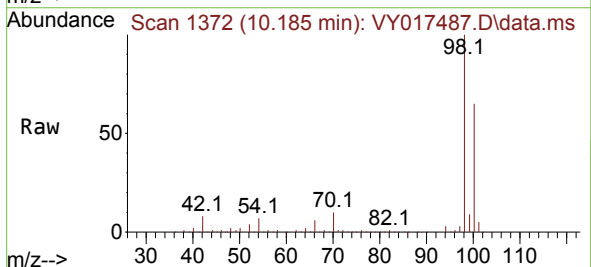
Acq: 26 Feb 2024 17:23

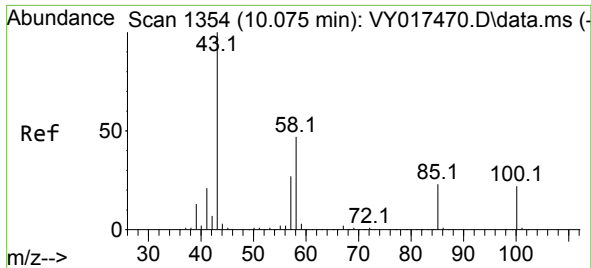
Tgt Ion: 98 Resp: 245772

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

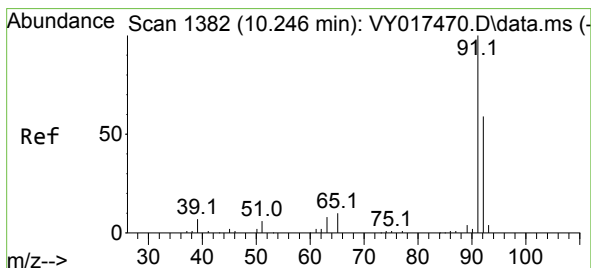
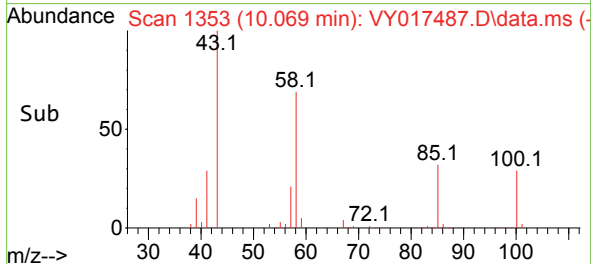
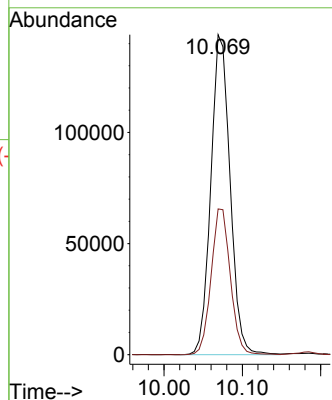
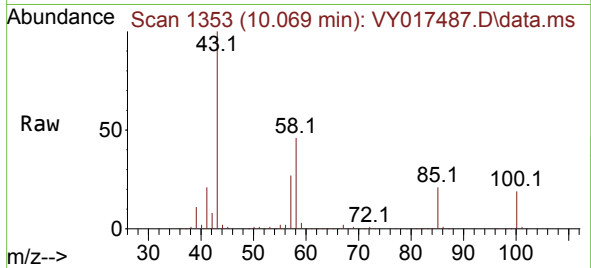




#51
4-Methyl-2-Pentanone
Concen: 272.727 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

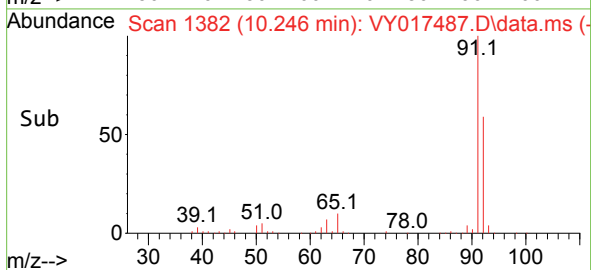
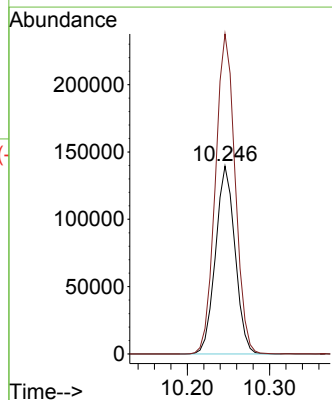
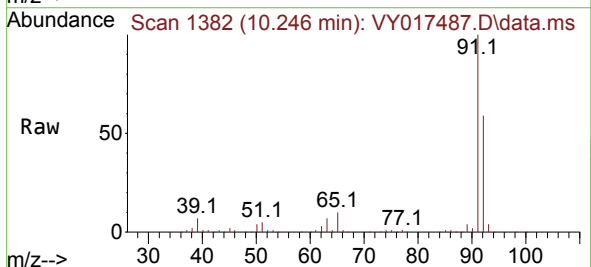
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

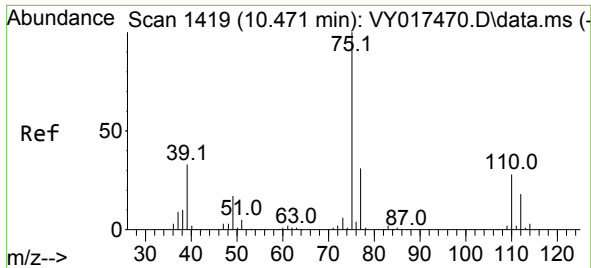
Tgt Ion: 43 Resp: 245950
Ion Ratio Lower Upper
43 100
58 45.5 35.7 53.5



#52
Toluene
Concen: 52.634 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

Tgt Ion: 92 Resp: 229731
Ion Ratio Lower Upper
92 100
91 172.8 139.0 208.6

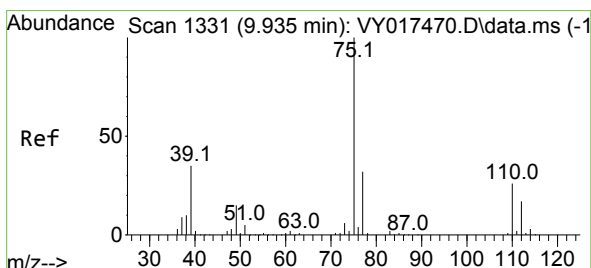
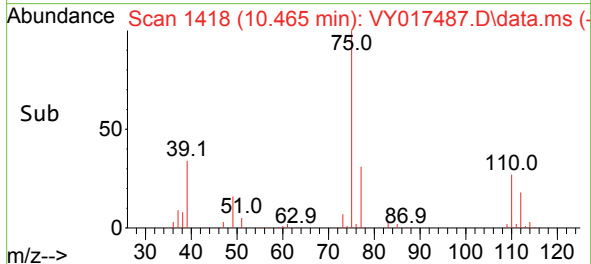
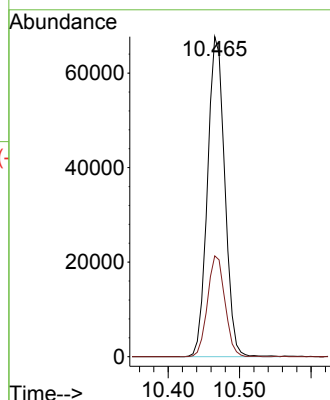
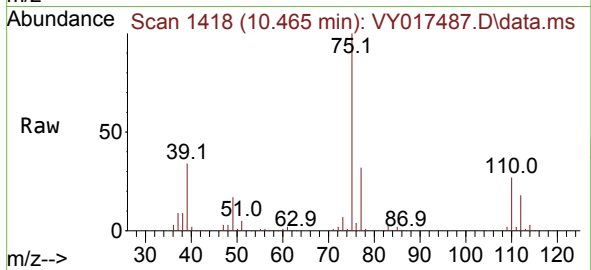




#53
 t-1,3-Dichloropropene
 Concen: 53.405 ug/l
 RT: 10.465 min Scan# 1419
 Delta R.T. -0.006 min
 Lab File: VY017487.D
 Acq: 26 Feb 2024 17:23

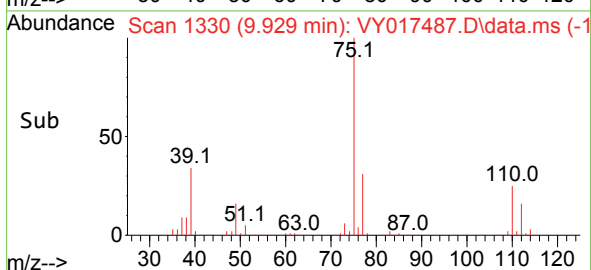
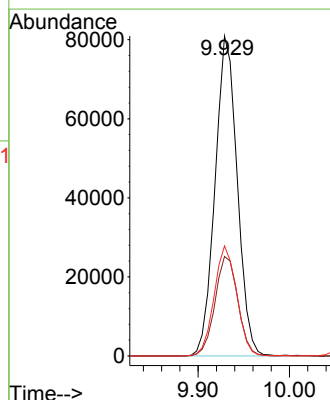
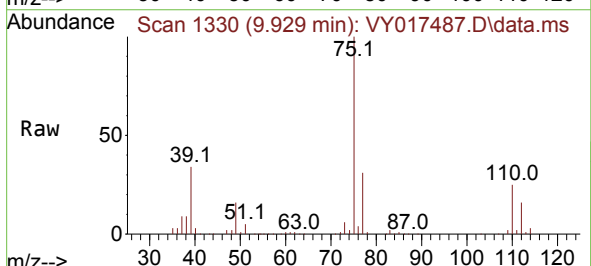
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

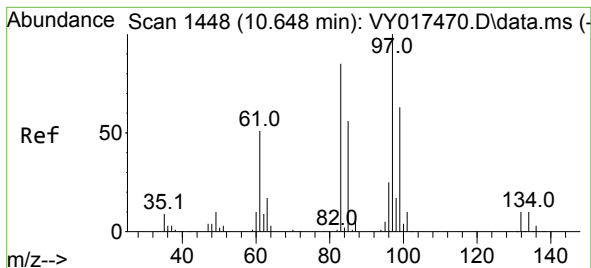
Tgt Ion: 75 Resp: 113464
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 52.900 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: VY017487.D
 Acq: 26 Feb 2024 17:23

Tgt Ion: 75 Resp: 136563
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.0
 39 34.4 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 52.070 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY017487.D

Acq: 26 Feb 2024 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 69695

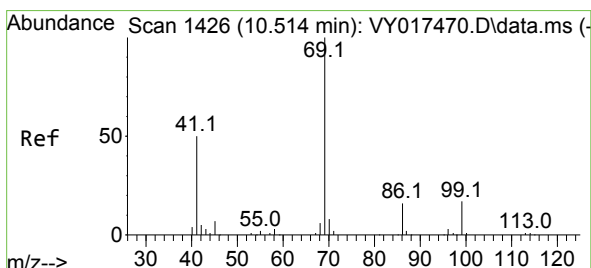
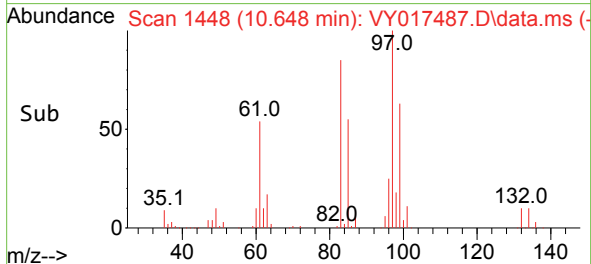
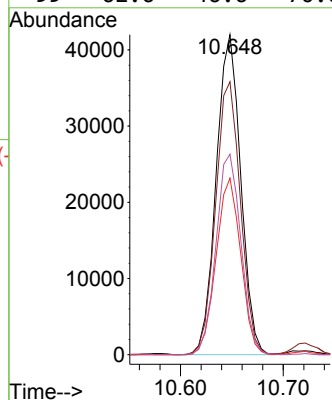
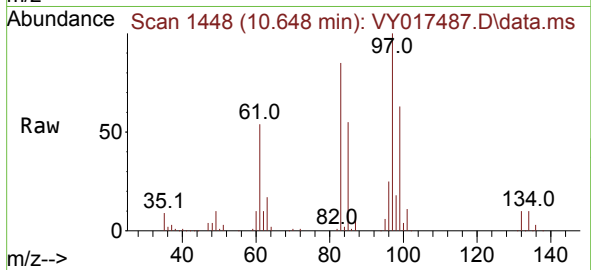
Ion Ratio Lower Upper

97 100

83 85.3 67.5 101.3

85 55.2 42.9 64.3

99 62.6 46.6 70.0



#56

Ethyl methacrylate

Concen: 51.363 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY017487.D

Acq: 26 Feb 2024 17:23

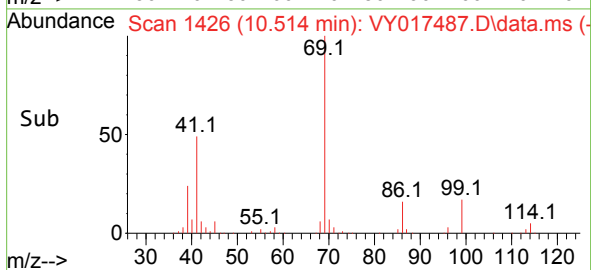
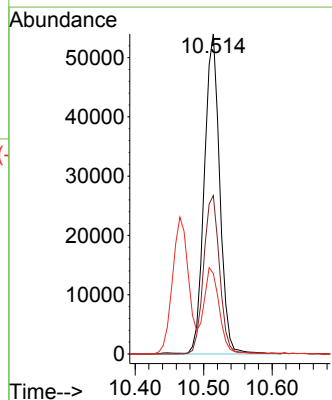
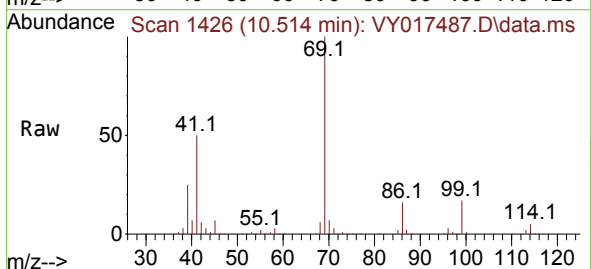
Tgt Ion: 69 Resp: 84696

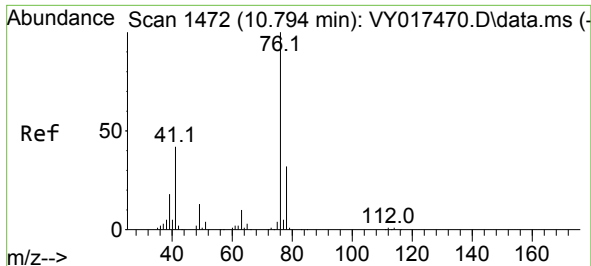
Ion Ratio Lower Upper

69 100

41 50.8 42.3 63.5

39 26.6 22.9 34.3





#57

1,3-Dichloropropane

Concen: 52.871 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY017487.D

Acq: 26 Feb 2024 17:23

Instrument :

MSVOA_Y

ClientSampleId :

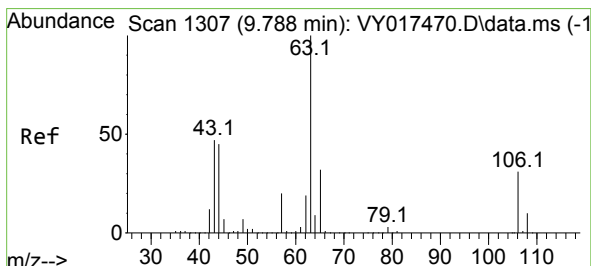
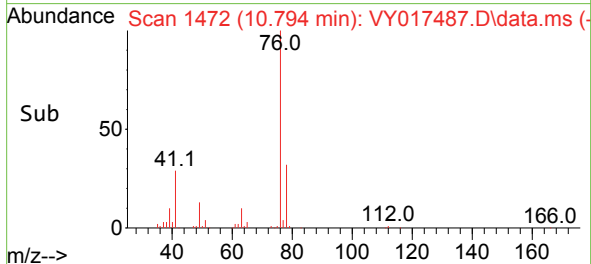
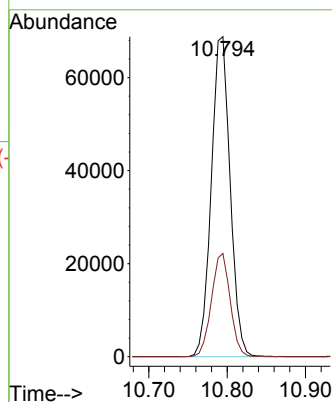
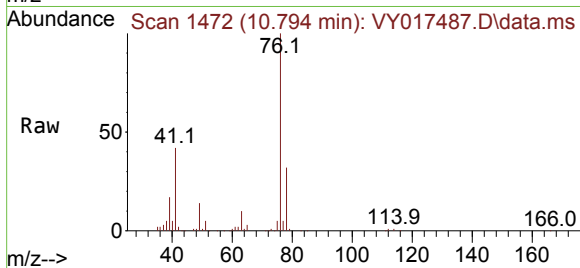
VSTDCCC050EC

Tgt Ion: 76 Resp: 115056

Ion Ratio Lower Upper

76 100

78 31.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 255.521 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY017487.D

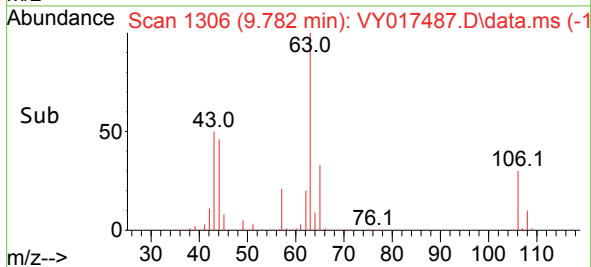
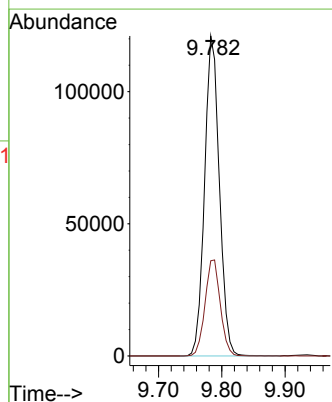
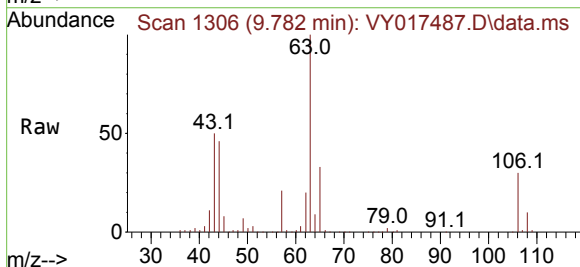
Acq: 26 Feb 2024 17:23

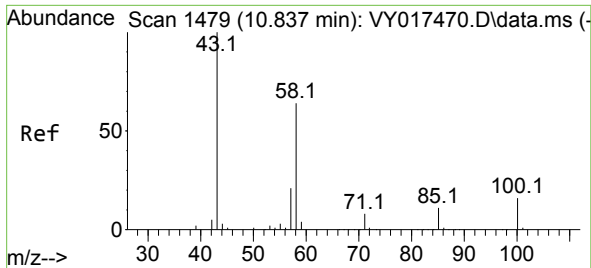
Tgt Ion: 63 Resp: 197356

Ion Ratio Lower Upper

63 100

106 31.0 23.7 35.5

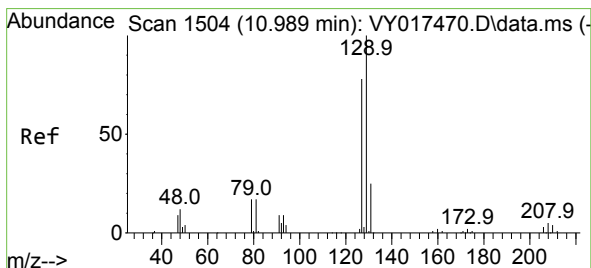
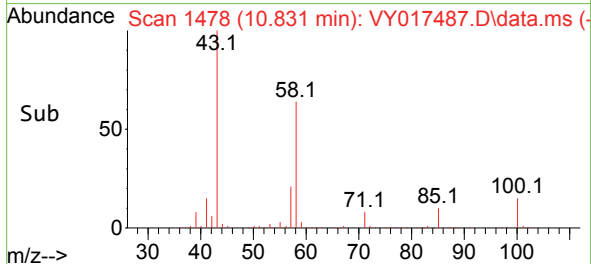
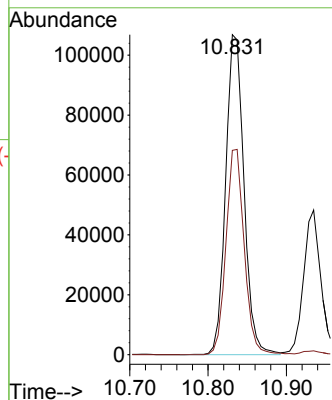
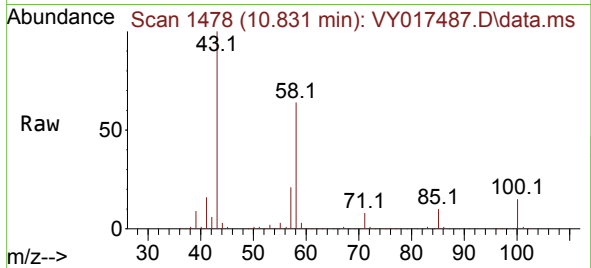




#59
2-Hexanone
Concen: 280.452 ug/l
RT: 10.831 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

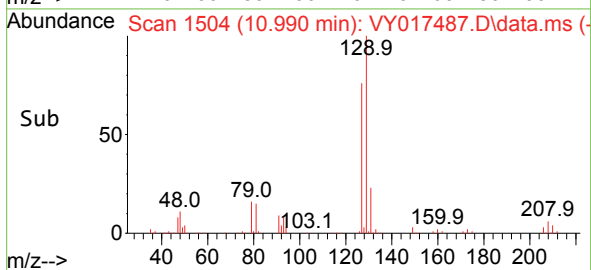
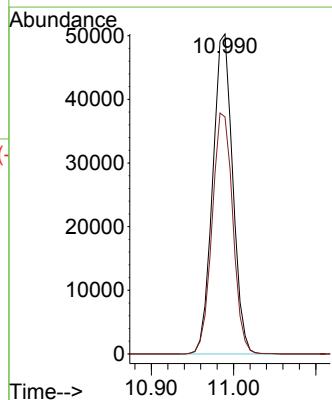
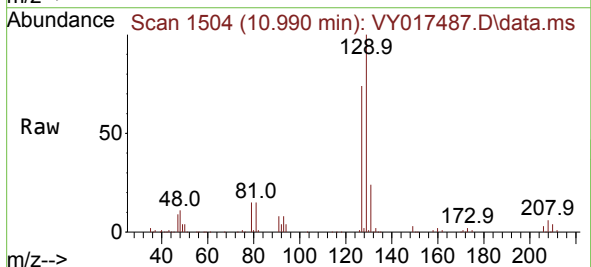
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

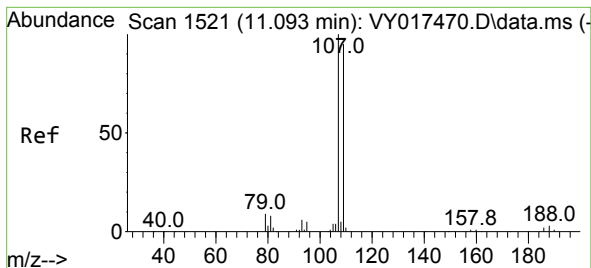
Tgt Ion: 43 Resp: 173723
Ion Ratio Lower Upper
43 100
58 64.1 31.4 94.0



#60
Dibromochloromethane
Concen: 53.719 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

Tgt Ion: 129 Resp: 85060
Ion Ratio Lower Upper
129 100
127 77.7 39.0 117.0

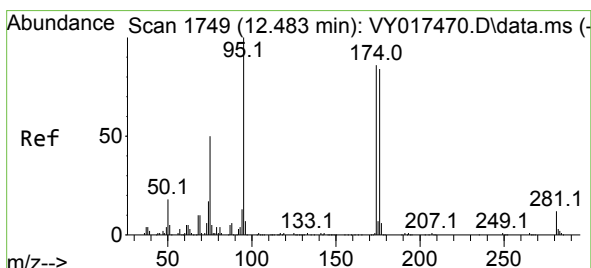
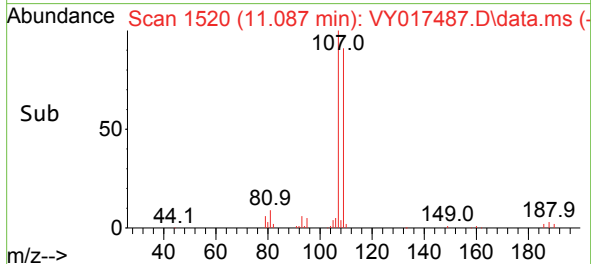
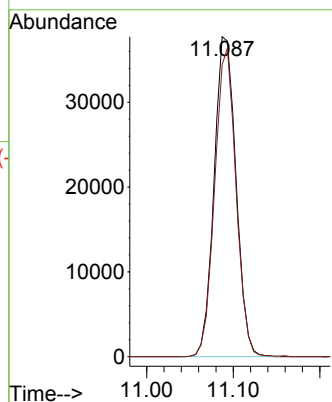
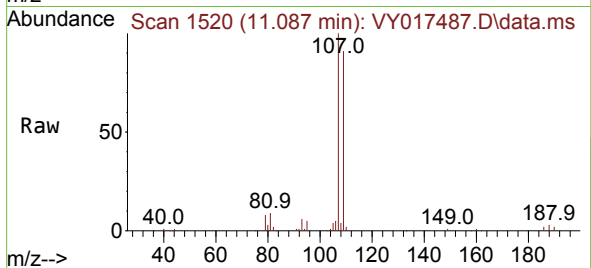




#61
1,2-Dibromoethane
Concen: 53.643 ug/l
RT: 11.087 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

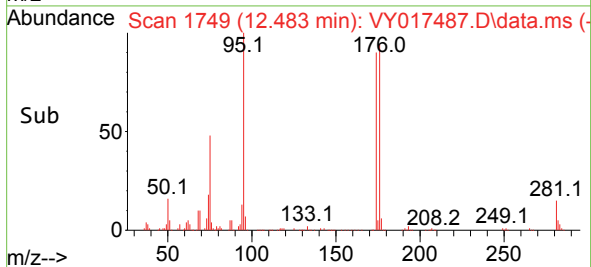
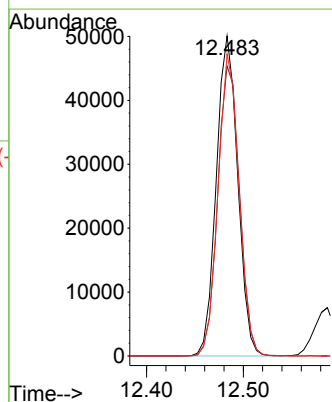
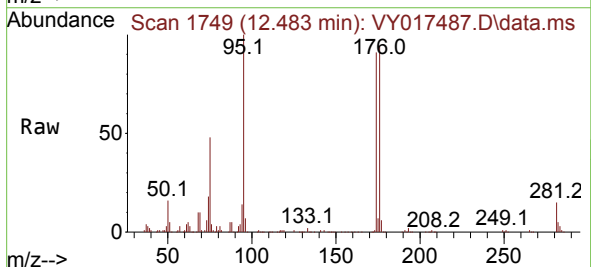
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

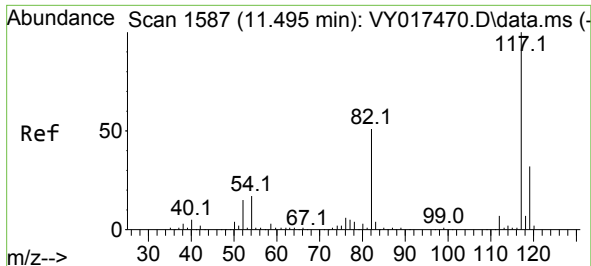
Tgt Ion:107 Resp: 66167
Ion Ratio Lower Upper
107 100
109 93.9 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 40.556 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

Tgt Ion: 95 Resp: 77004
Ion Ratio Lower Upper
95 100
174 92.2 0.0 175.6
176 92.3 0.0 171.4

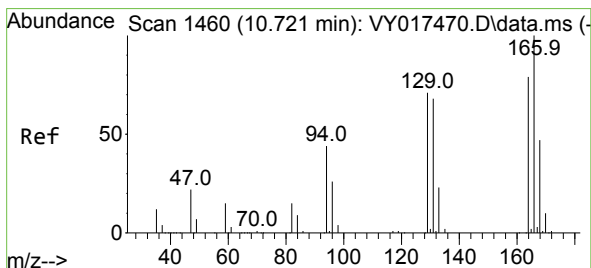
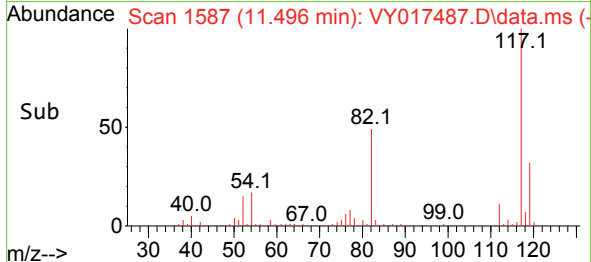
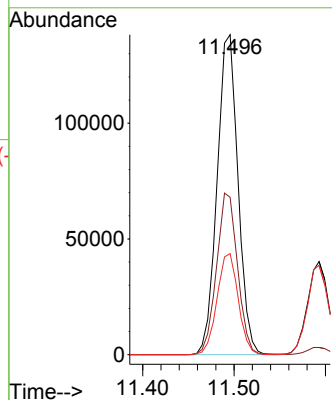
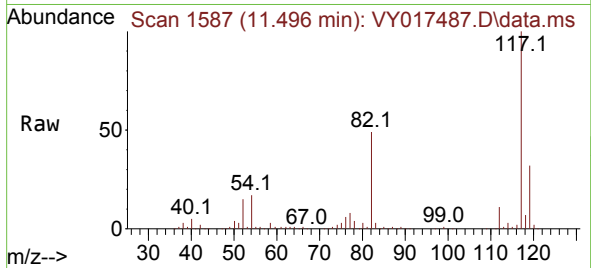




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

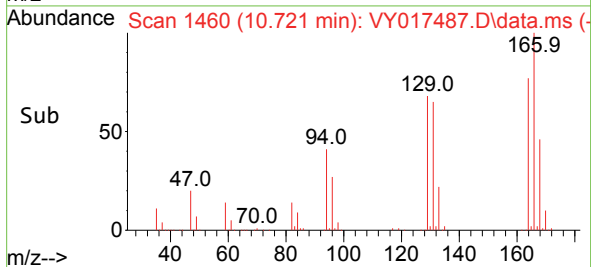
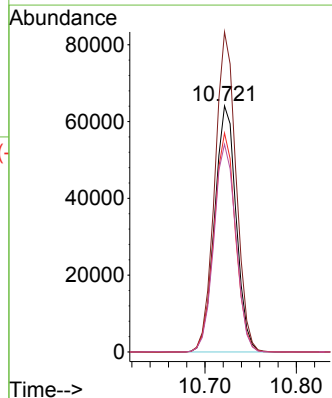
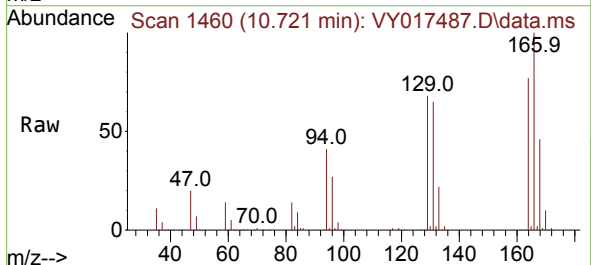
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

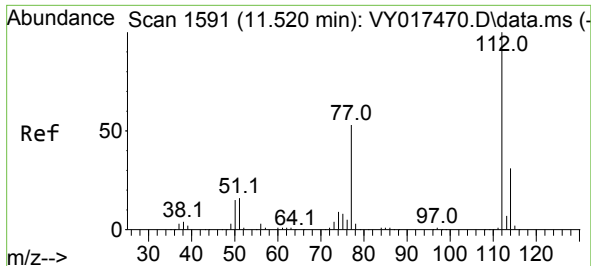
Tgt Ion:117 Resp: 219958
Ion Ratio Lower Upper
117 100
82 49.2 42.4 63.6
119 31.6 25.9 38.9



#64
Tetrachloroethene
Concen: 49.767 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

Tgt Ion:164 Resp: 105069
Ion Ratio Lower Upper
164 100
166 130.1 102.6 154.0
129 88.9 72.0 108.0
131 84.4 70.0 105.0

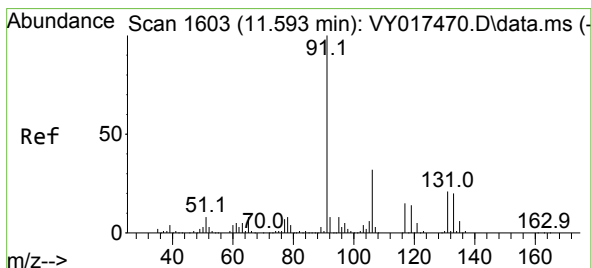
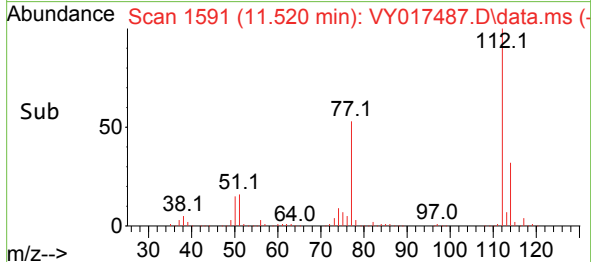
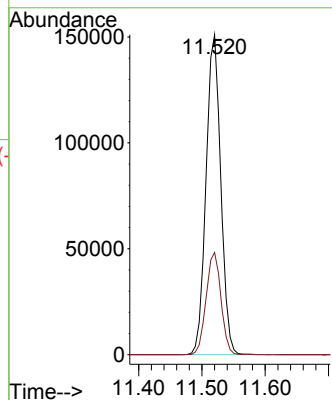
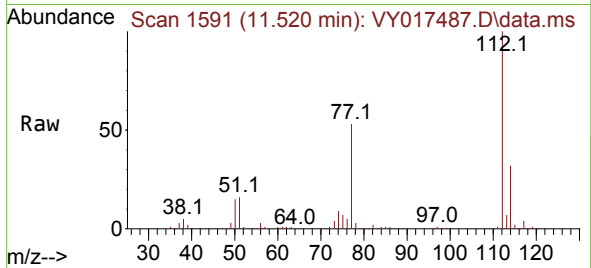




#65
Chlorobenzene
Concen: 52.407 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

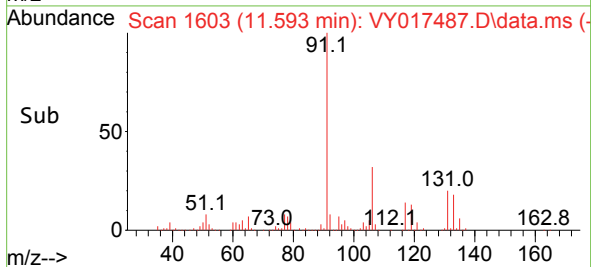
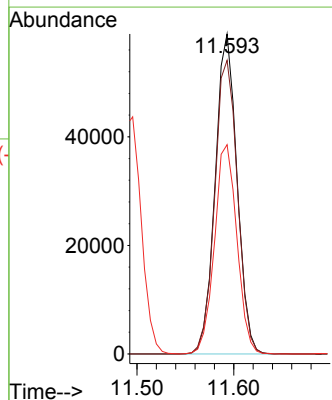
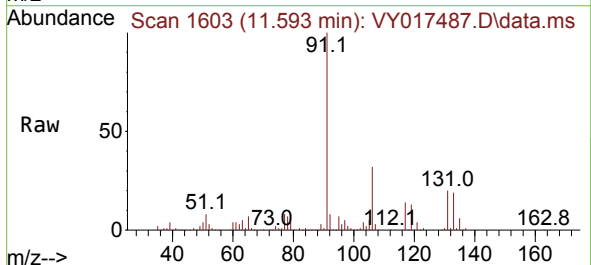
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

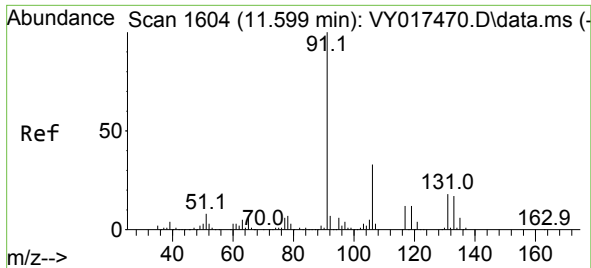
Tgt Ion:112 Resp: 244676
Ion Ratio Lower Upper
112 100
114 31.9 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.766 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

Tgt Ion:131 Resp: 92291
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.3
119 67.3 34.1 102.2

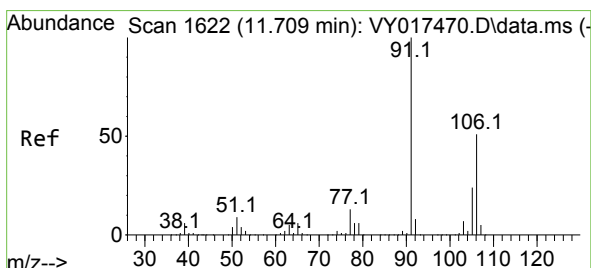
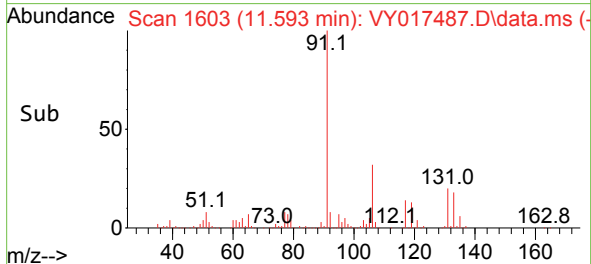
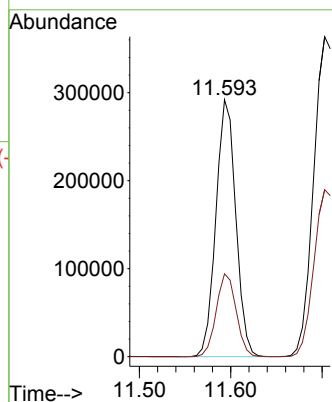
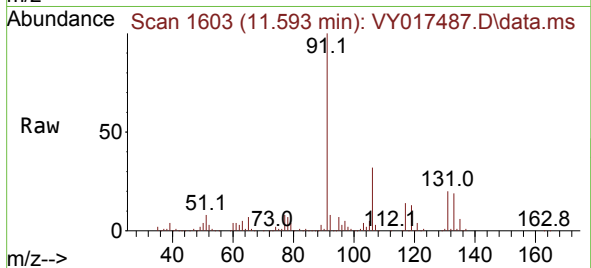




#67
Ethyl Benzene
Concen: 53.893 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

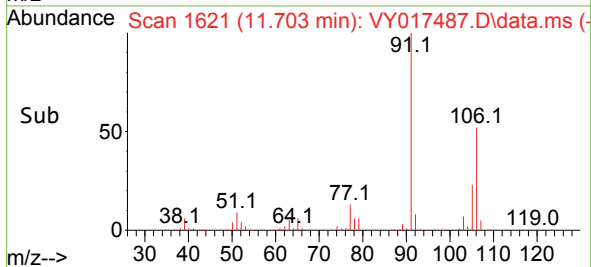
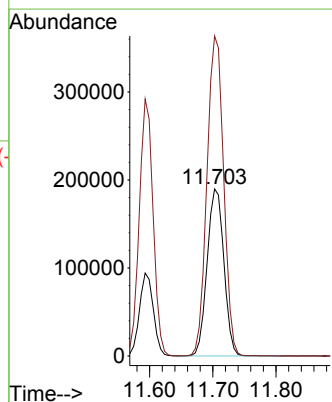
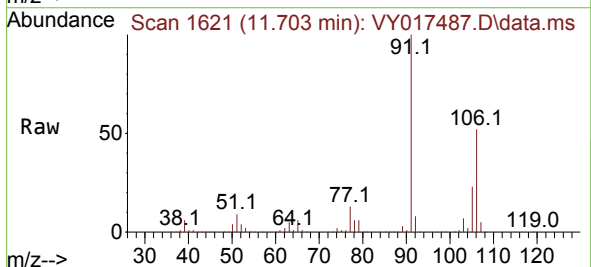
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

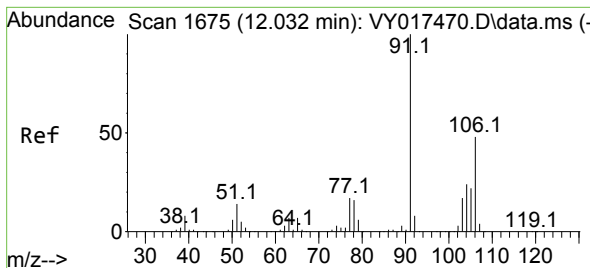
Tgt Ion: 91 Resp: 441272
Ion Ratio Lower Upper
91 100
106 32.3 24.5 36.7



#68
m/p-Xylenes
Concen: 108.423 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

Tgt Ion:106 Resp: 348835
Ion Ratio Lower Upper
106 100
91 191.4 156.0 234.0





#69

o-Xylene

Concen: 54.764 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017487.D

Acq: 26 Feb 2024 17:23

Instrument :

MSVOA_Y

ClientSampleId :

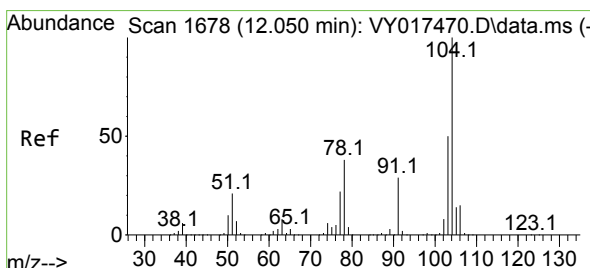
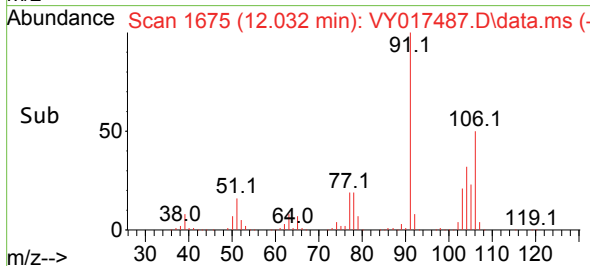
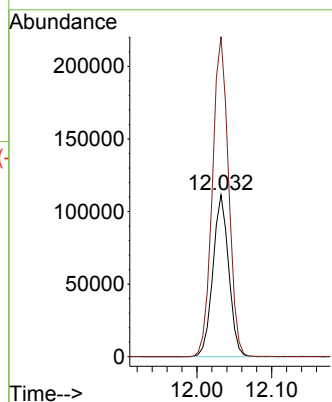
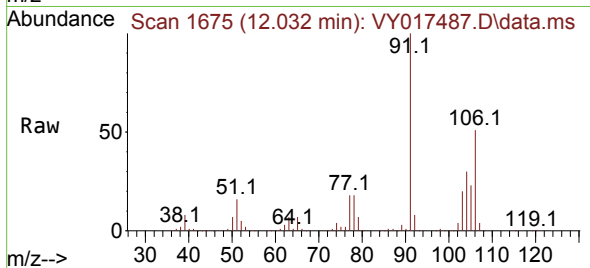
VSTDCCC050EC

Tgt Ion:106 Resp: 163462

Ion Ratio Lower Upper

106 100

91 202.9 103.6 310.8



#70

Styrene

Concen: 55.240 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.006 min

Lab File: VY017487.D

Acq: 26 Feb 2024 17:23

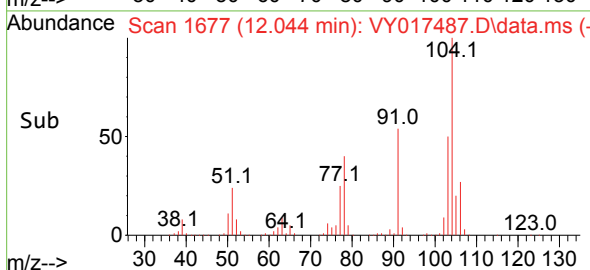
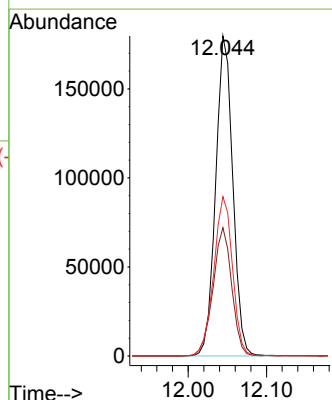
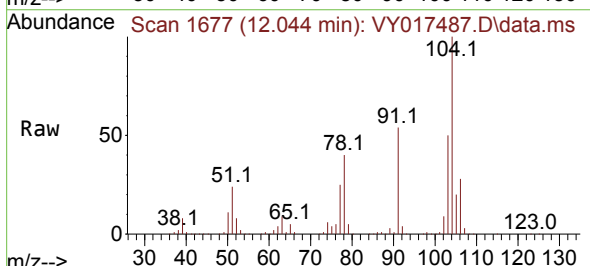
Tgt Ion:104 Resp: 273688

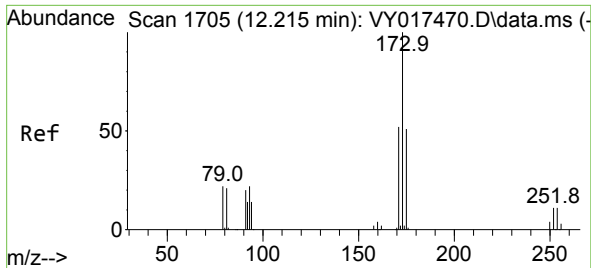
Ion Ratio Lower Upper

104 100

78 43.8 37.0 55.4

103 54.6 44.2 66.2

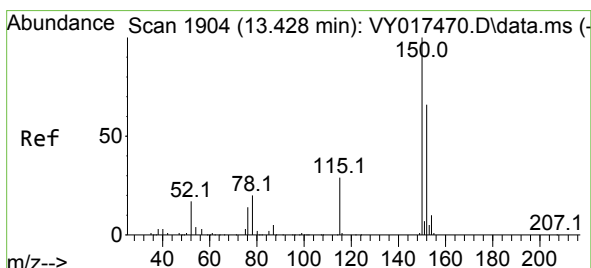
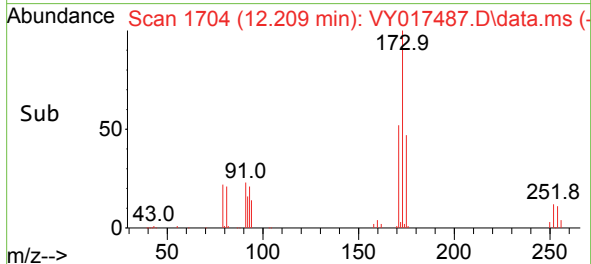
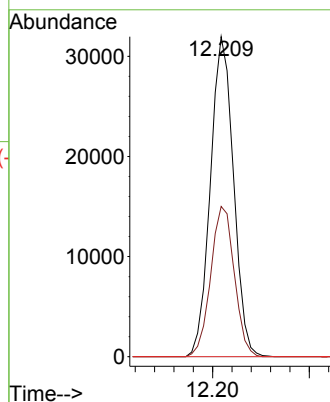
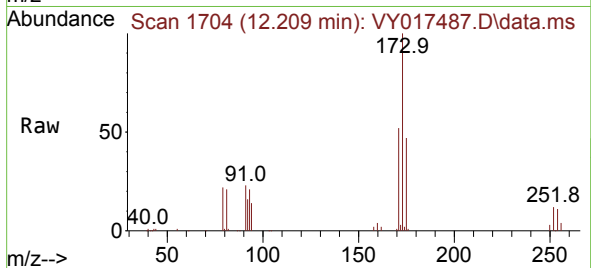




#71
Bromoform
Concen: 54.724 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

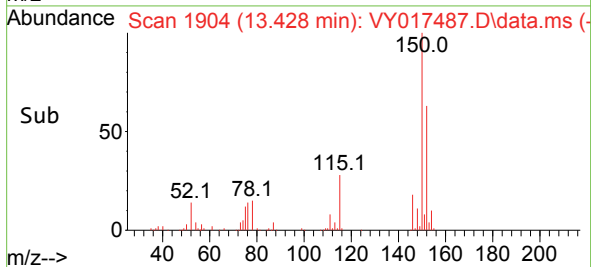
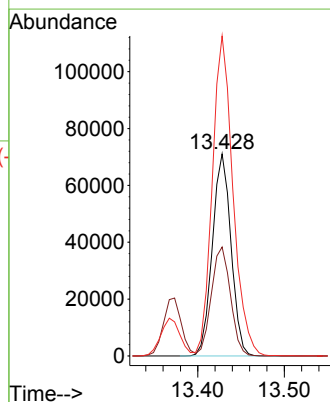
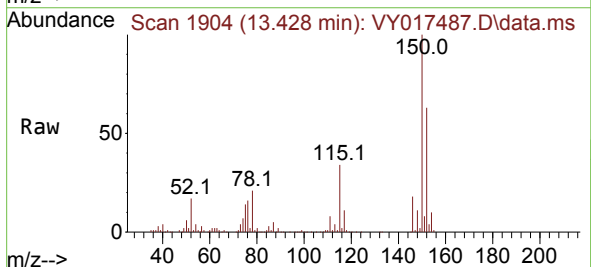
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

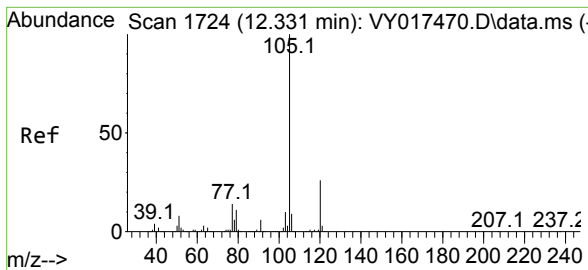
Tgt Ion:173 Resp: 53041
Ion Ratio Lower Upper
173 100
175 47.9 25.1 75.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

Tgt Ion:152 Resp: 106436
Ion Ratio Lower Upper
152 100
115 55.3 28.2 84.7
150 175.5 0.0 345.6

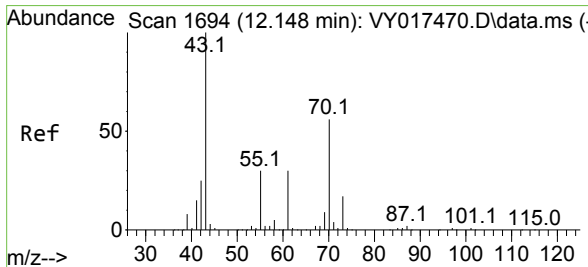
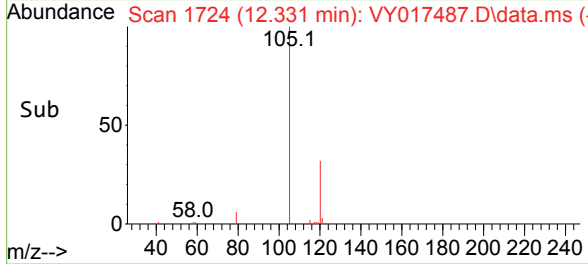
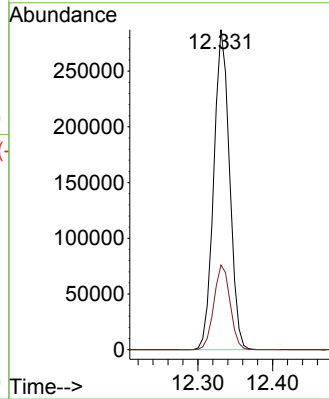
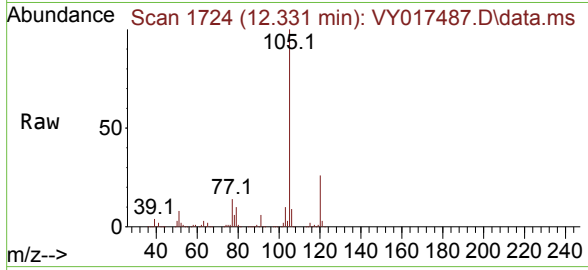




#73
Isopropylbenzene
Concen: 53.564 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

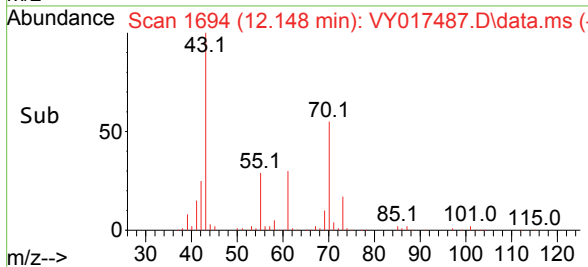
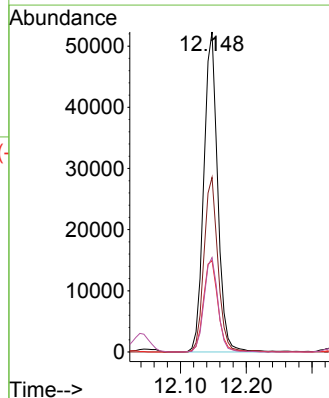
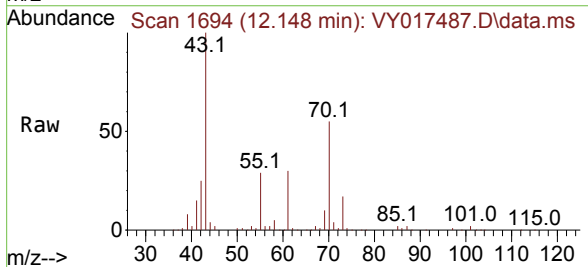
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

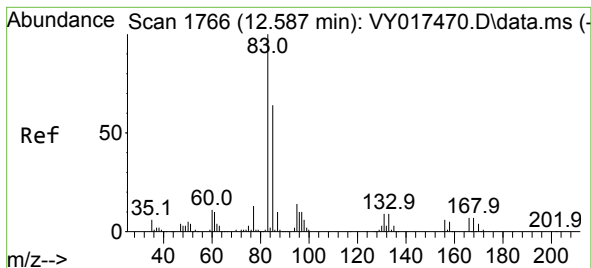
Tgt Ion:105 Resp: 423559
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.1



#74
N-ethyl acetate
Concen: 55.045 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

Tgt Ion: 43 Resp: 76770
Ion Ratio Lower Upper
43 100
70 54.8 41.4 62.2
55 30.1 23.3 34.9
61 29.7 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 55.658 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.006 min

Lab File: VY017487.D

Acq: 26 Feb 2024 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

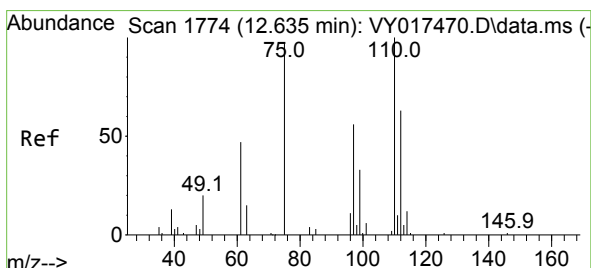
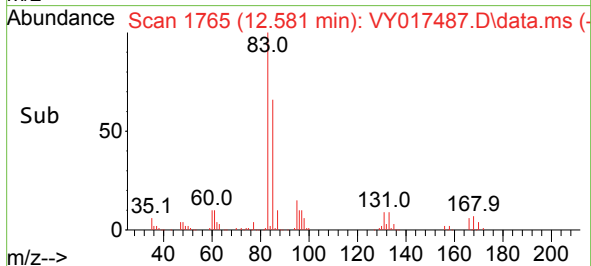
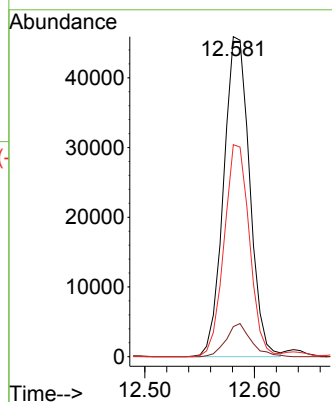
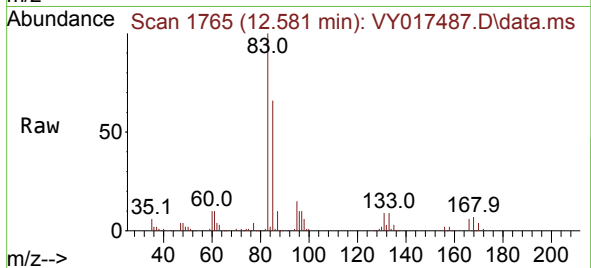
Tgt Ion: 83 Resp: 75578

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

85 64.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 93.127 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017487.D

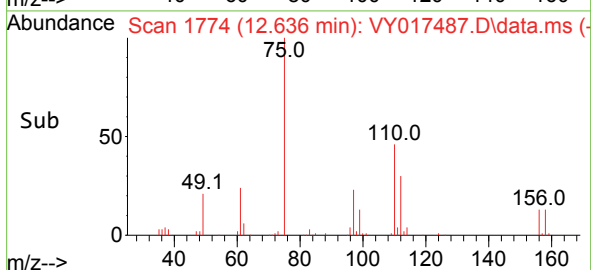
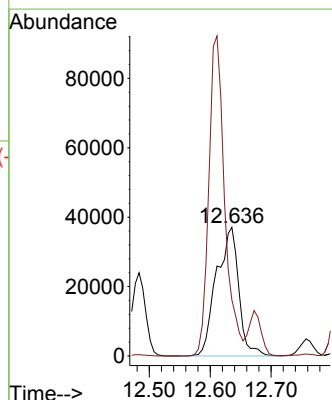
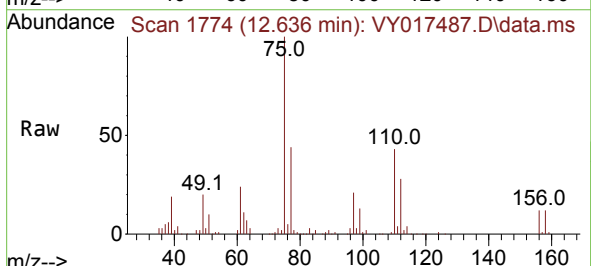
Acq: 26 Feb 2024 17:23

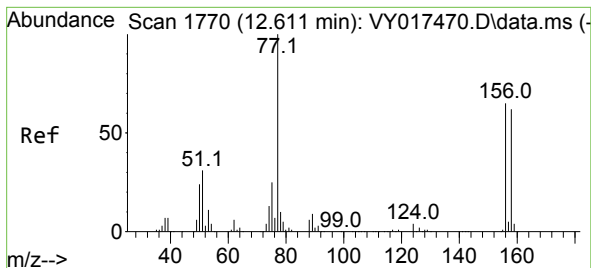
Tgt Ion: 75 Resp: 94180

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.694 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017487.D

Acq: 26 Feb 2024 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

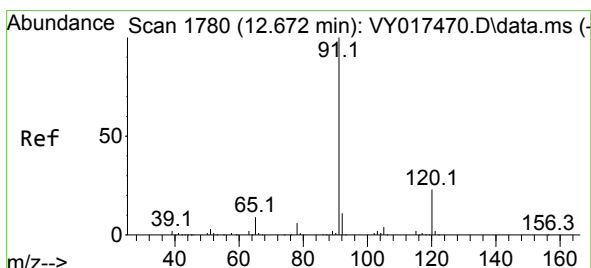
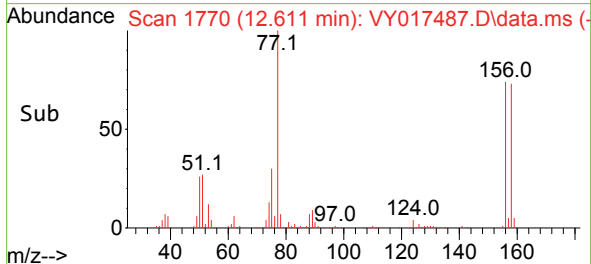
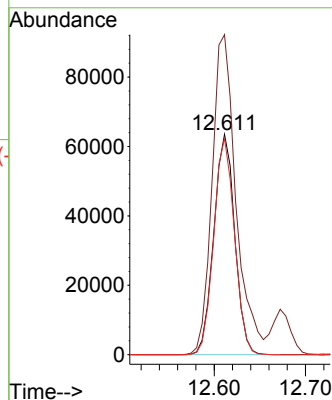
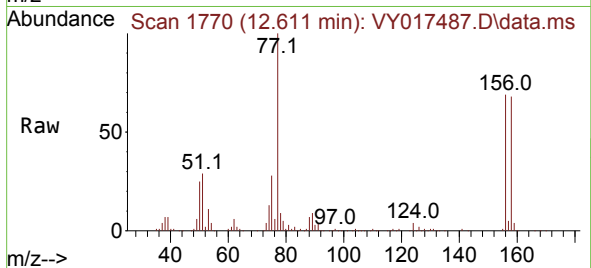
Tgt Ion:156 Resp: 100906

Ion Ratio Lower Upper

156 100

77 166.3 87.1 261.3

158 97.4 48.6 145.9



#78

n-propylbenzene

Concen: 53.728 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY017487.D

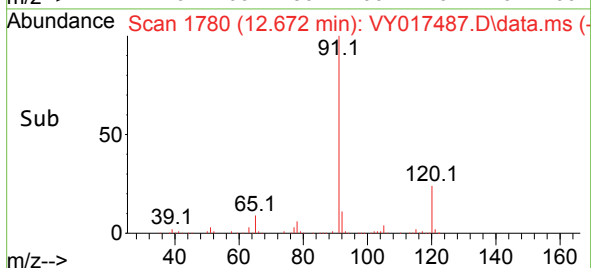
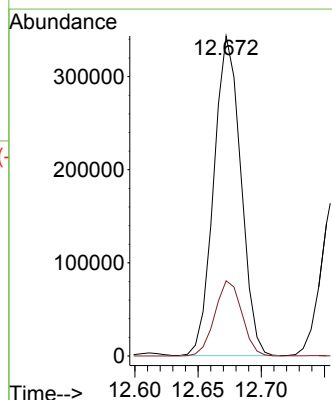
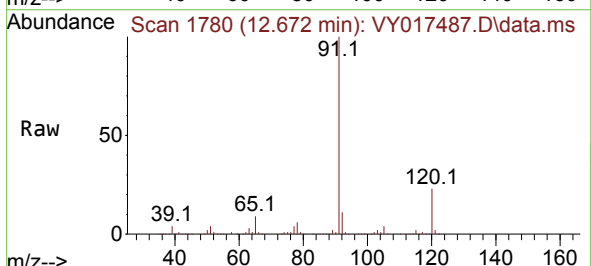
Acq: 26 Feb 2024 17:23

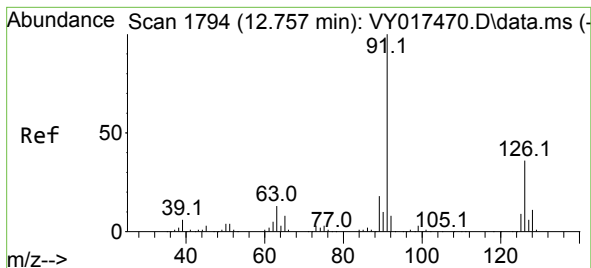
Tgt Ion: 91 Resp: 509783

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 52.541 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VY017487.D

Acq: 26 Feb 2024 17:23

Instrument :

MSVOA_Y

ClientSampleId :

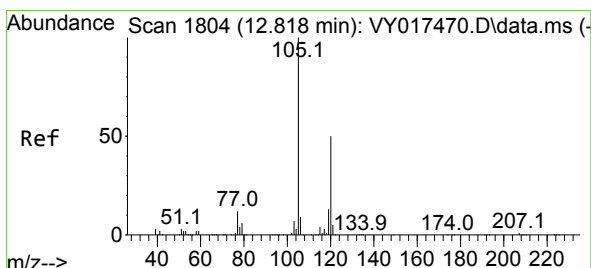
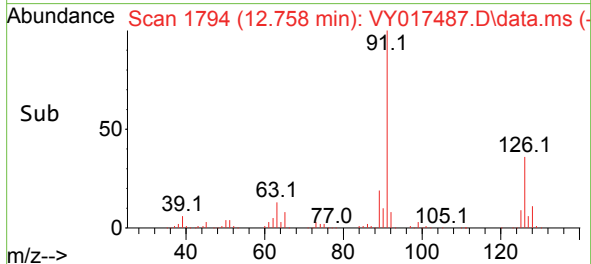
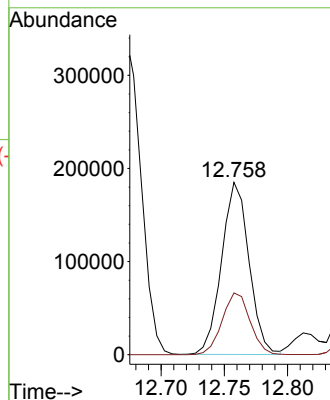
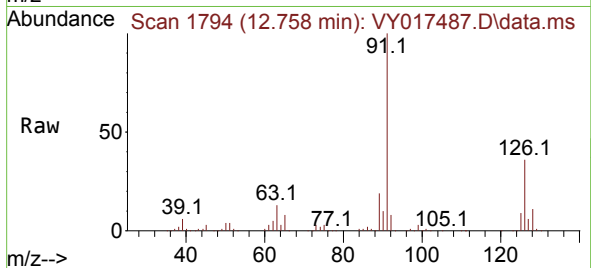
VSTDCCC050EC

Tgt Ion: 91 Resp: 279110

Ion Ratio Lower Upper

91 100

126 36.5 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 53.763 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.006 min

Lab File: VY017487.D

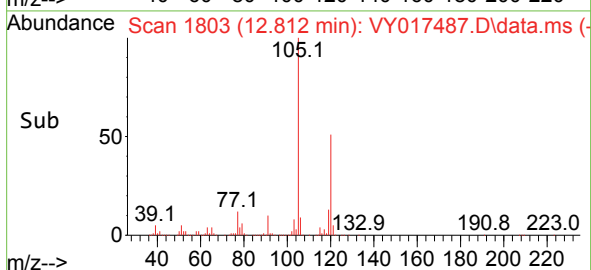
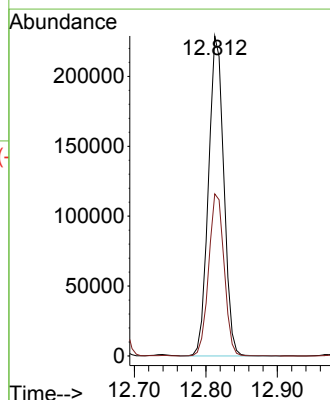
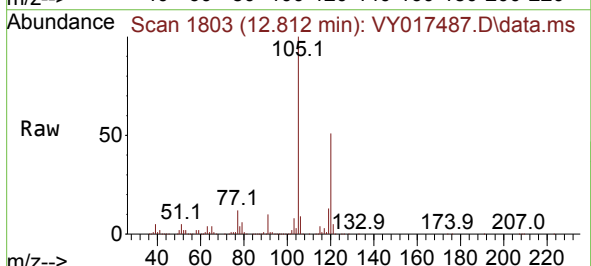
Acq: 26 Feb 2024 17:23

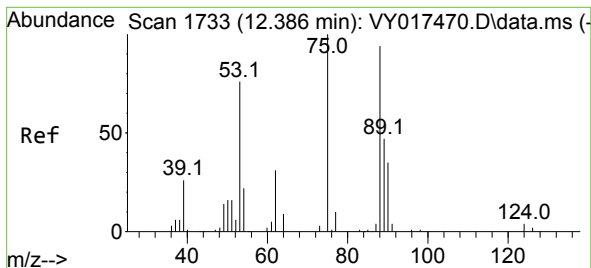
Tgt Ion:105 Resp: 340599

Ion Ratio Lower Upper

105 100

120 51.1 25.1 75.2

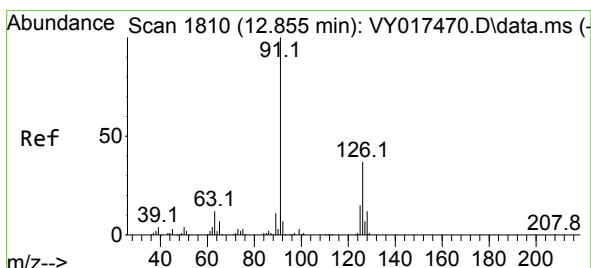
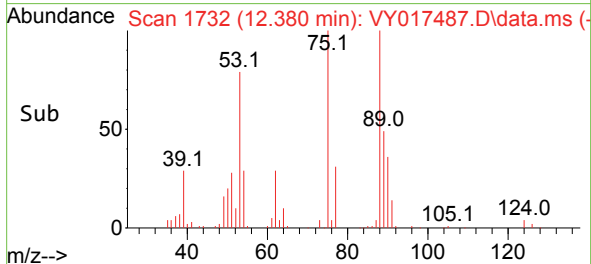
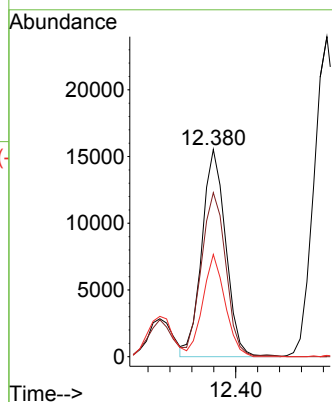
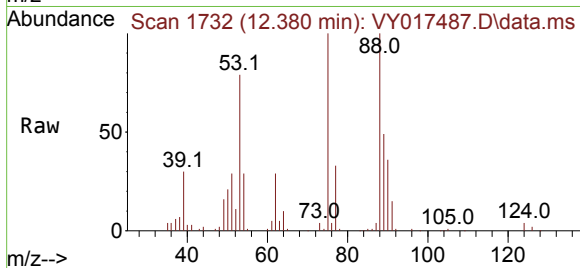




#81
trans-1,4-Dichloro-2-butene
Concen: 53.262 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

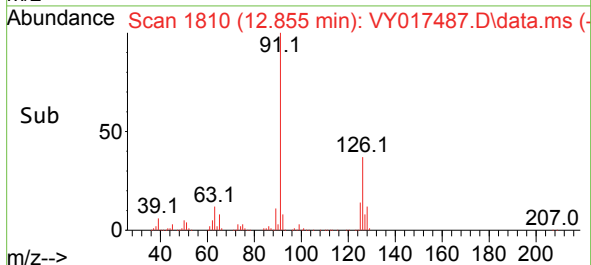
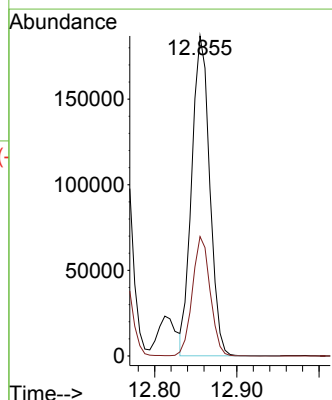
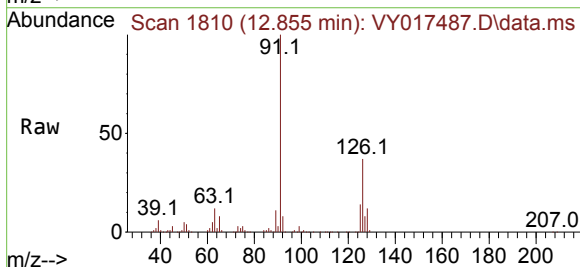
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

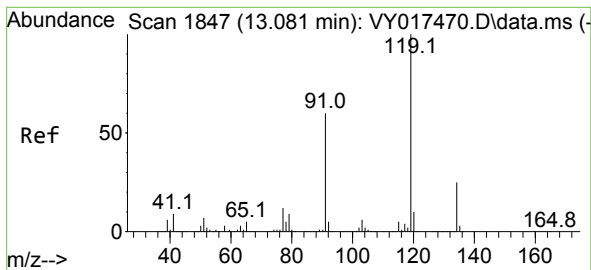
Tgt Ion: 75 Resp: 23442
Ion Ratio Lower Upper
75 100
53 79.7 66.8 100.2
89 45.9 35.8 53.6



#82
4-Chlorotoluene
Concen: 52.175 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

Tgt Ion: 91 Resp: 283491
Ion Ratio Lower Upper
91 100
126 37.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 55.594 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.006 min

Lab File: VY017487.D

Acq: 26 Feb 2024 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

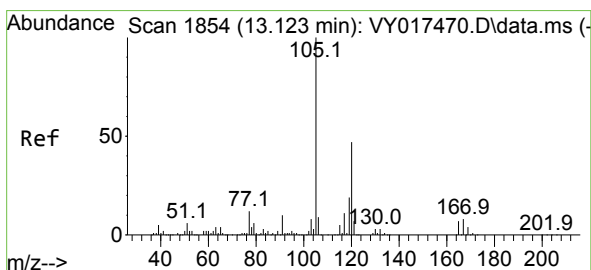
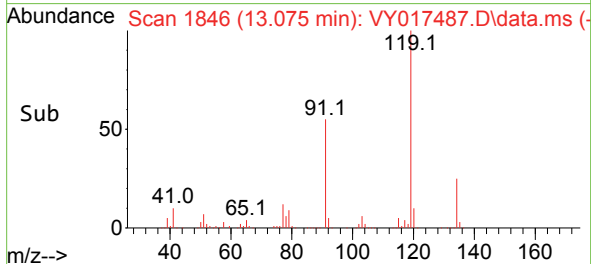
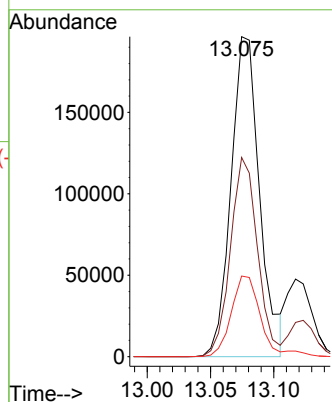
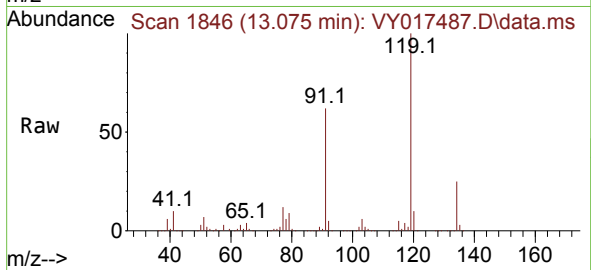
Tgt Ion:119 Resp: 309271

Ion Ratio Lower Upper

119 100

91 59.1 31.3 93.8

134 26.1 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 54.326 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY017487.D

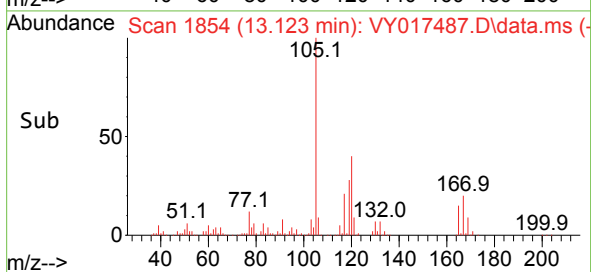
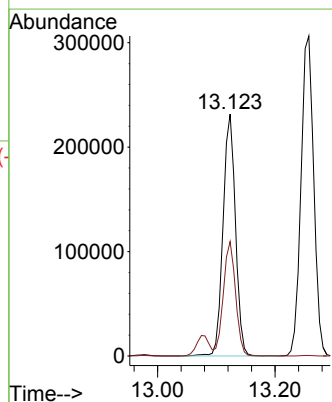
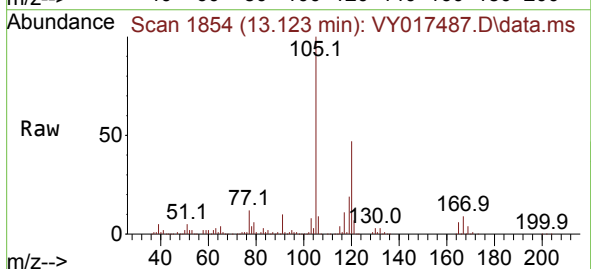
Acq: 26 Feb 2024 17:23

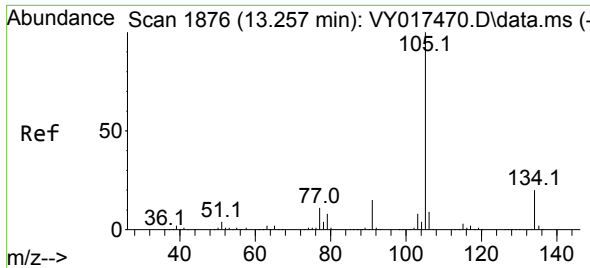
Tgt Ion:105 Resp: 339777

Ion Ratio Lower Upper

105 100

120 46.7 23.2 69.6

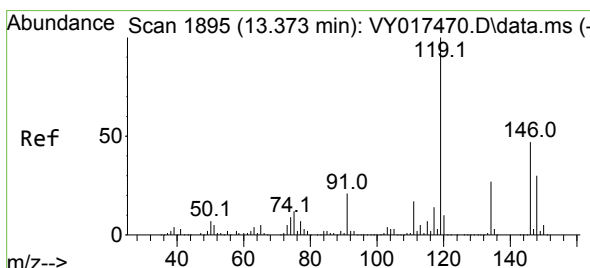
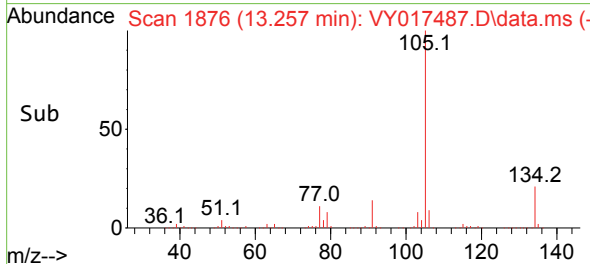
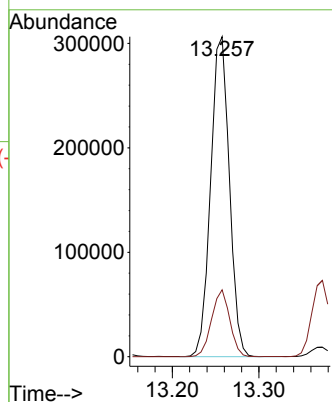
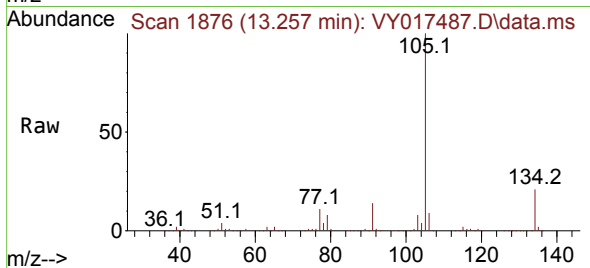




#85
 sec-Butylbenzene
 Concen: 54.108 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY017487.D
 Acq: 26 Feb 2024 17:23

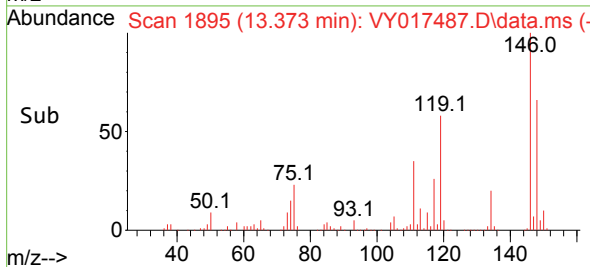
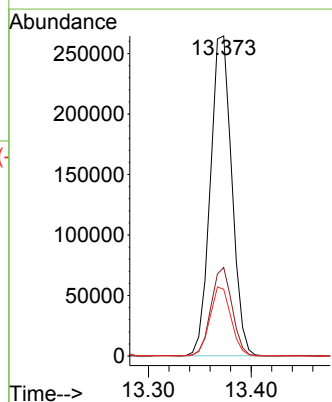
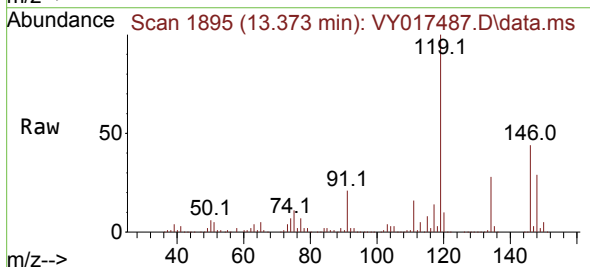
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

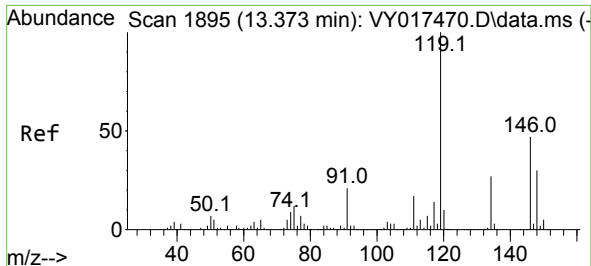
Tgt Ion:105 Resp: 460201
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 55.163 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY017487.D
 Acq: 26 Feb 2024 17:23

Tgt Ion:119 Resp: 384071
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.1 39.3
 91 21.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 52.364 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017487.D

Acq: 26 Feb 2024 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

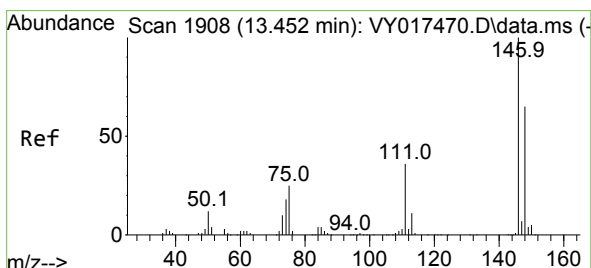
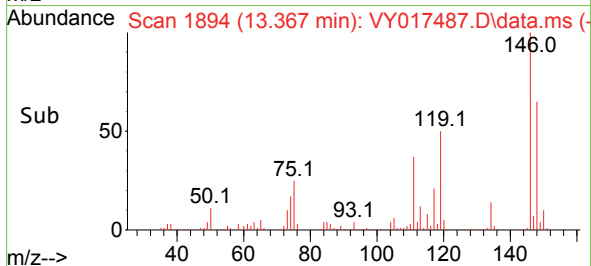
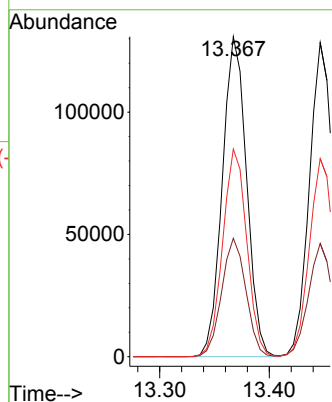
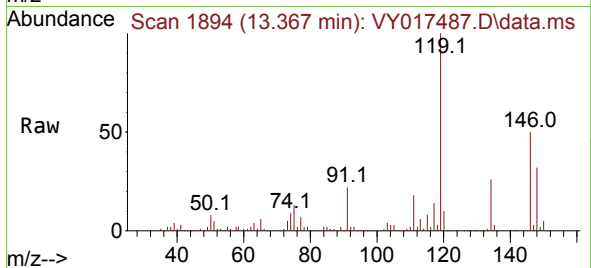
Tgt Ion:146 Resp: 201274

Ion Ratio Lower Upper

146 100

111 36.9 19.0 57.0

148 64.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 52.238 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY017487.D

Acq: 26 Feb 2024 17:23

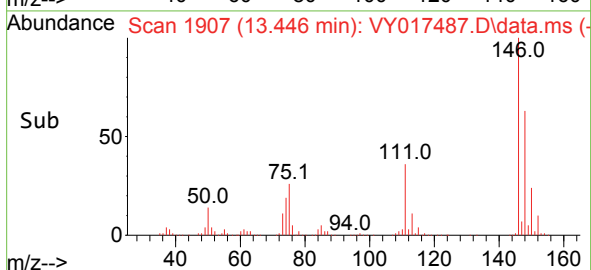
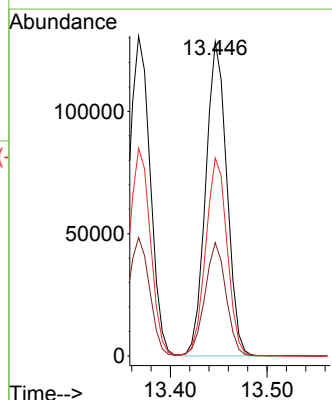
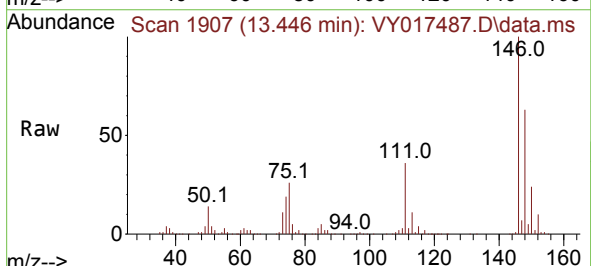
Tgt Ion:146 Resp: 195209

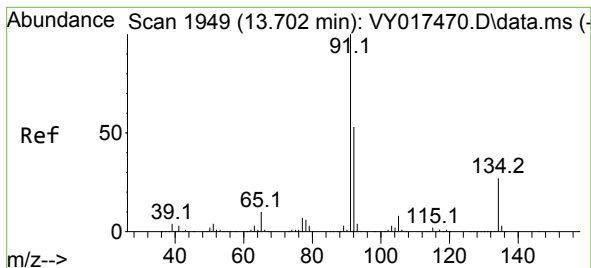
Ion Ratio Lower Upper

146 100

111 36.3 18.4 55.4

148 64.0 32.4 97.2





#89

n-Butylbenzene

Concen: 54.518 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY017487.D

Acq: 26 Feb 2024 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

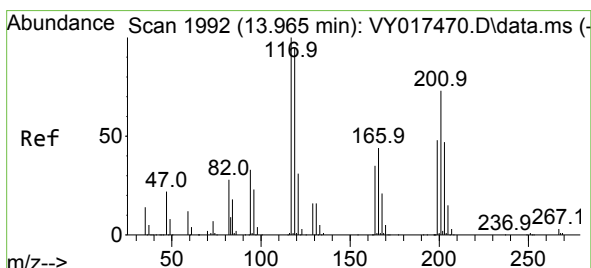
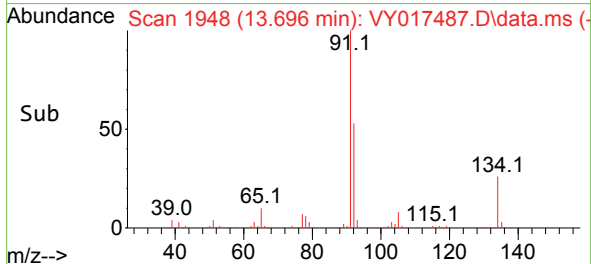
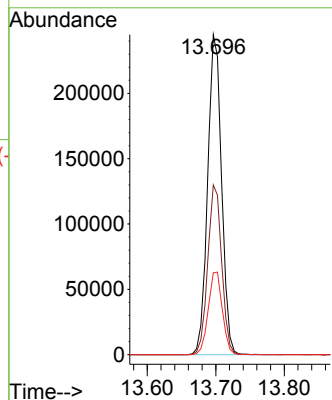
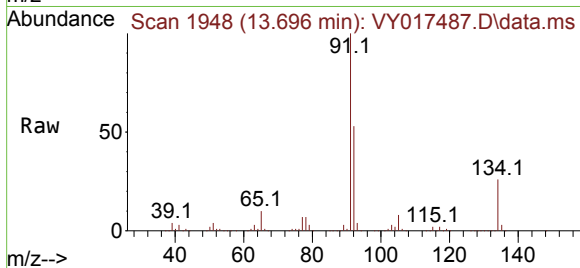
Tgt Ion: 91 Resp: 346316

Ion Ratio Lower Upper

91 100

92 53.1 26.6 79.7

134 26.2 12.9 38.7



#90

Hexachloroethane

Concen: 52.186 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY017487.D

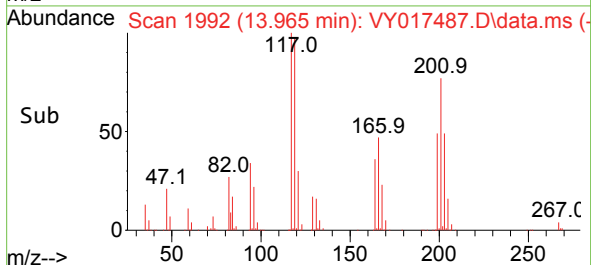
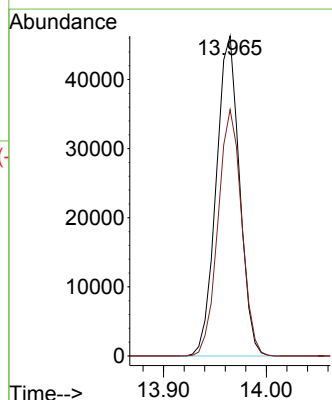
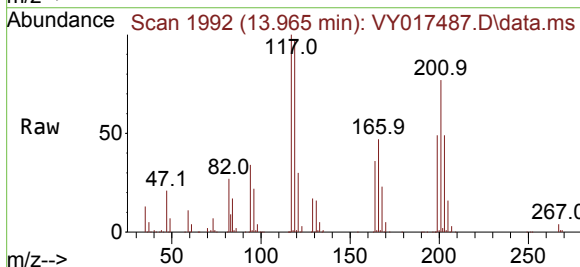
Acq: 26 Feb 2024 17:23

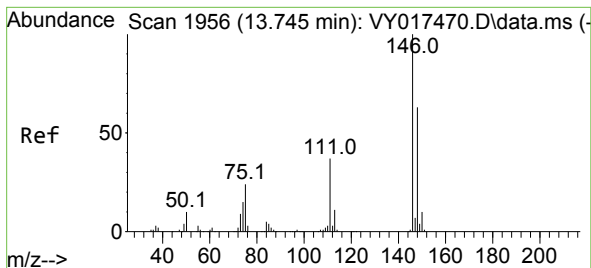
Tgt Ion: 117 Resp: 72844

Ion Ratio Lower Upper

117 100

201 78.0 37.4 112.2

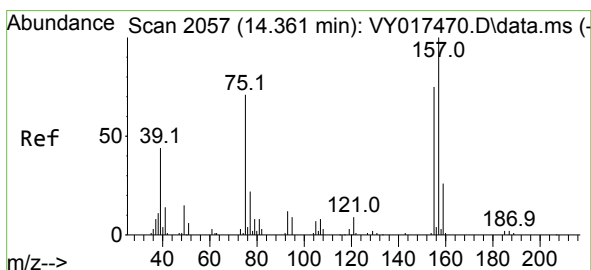
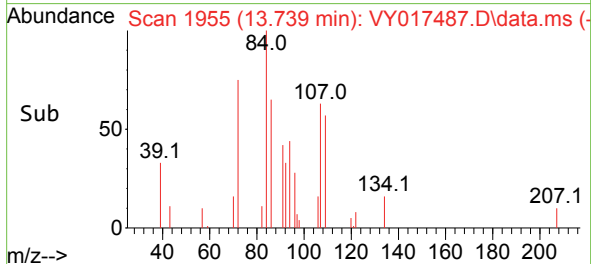
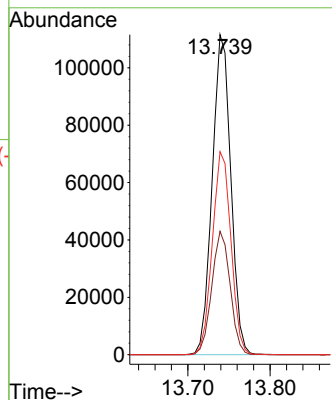
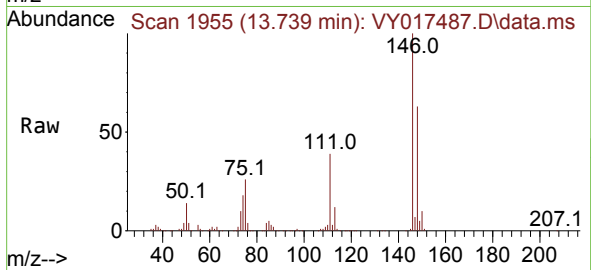




#91
1,2-Dichlorobenzene
Concen: 53.939 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

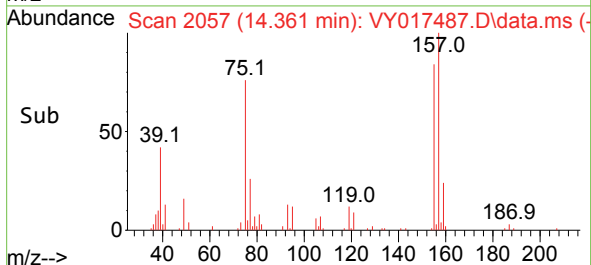
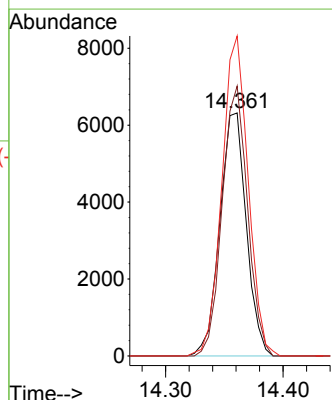
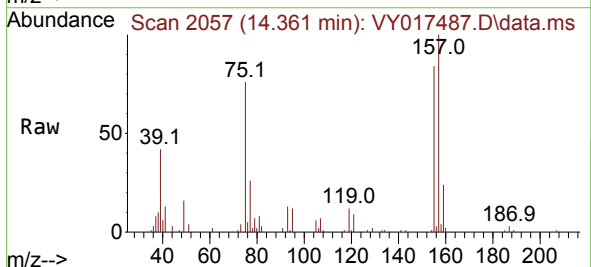
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

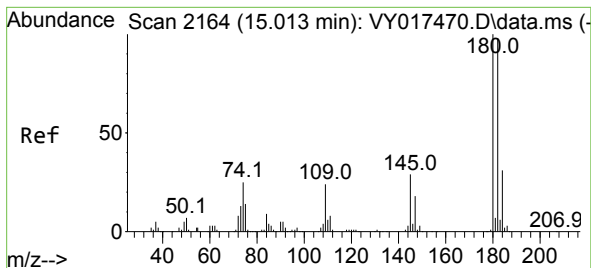
Tgt Ion:146 Resp: 175370
Ion Ratio Lower Upper
146 100
111 38.0 19.9 59.7
148 63.6 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.876 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

Tgt Ion: 75 Resp: 9903
Ion Ratio Lower Upper
75 100
155 106.4 48.6 145.8
157 130.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 55.707 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY017487.D

Acq: 26 Feb 2024 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

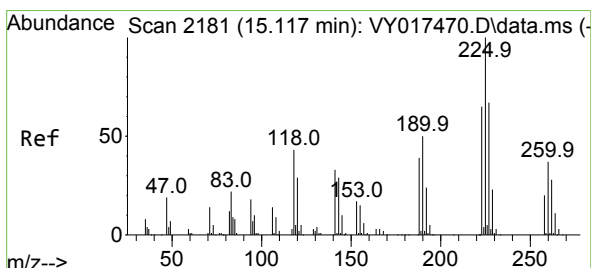
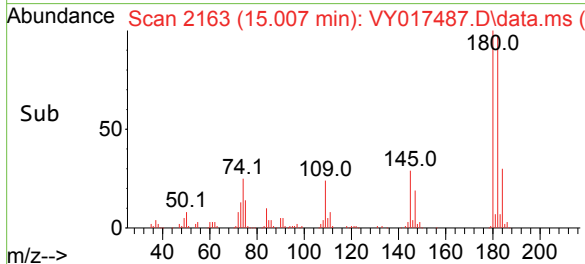
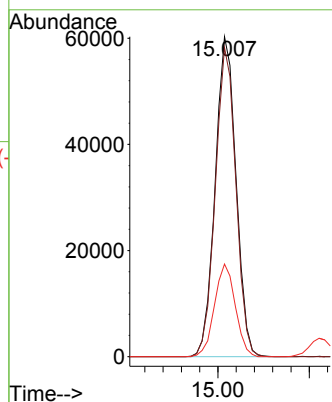
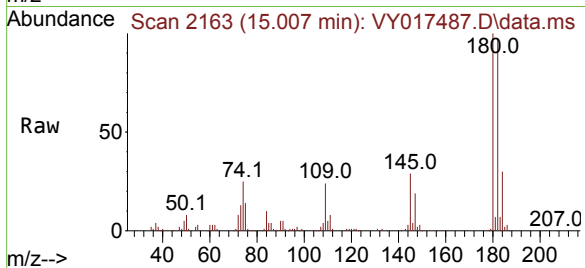
Tgt Ion:180 Resp: 95667

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.8

145 28.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 54.594 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.006 min

Lab File: VY017487.D

Acq: 26 Feb 2024 17:23

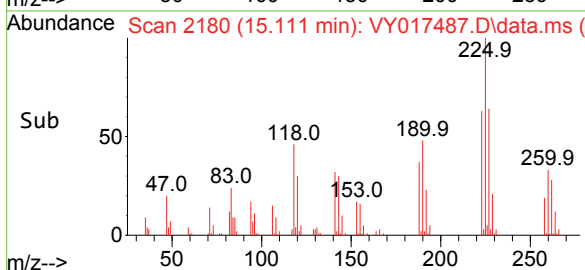
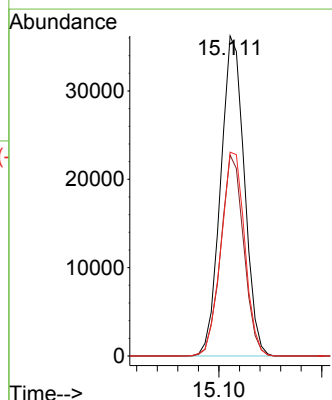
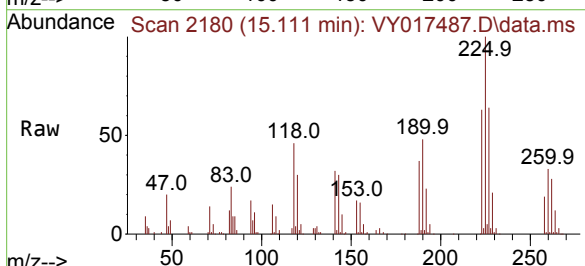
Tgt Ion:225 Resp: 57885

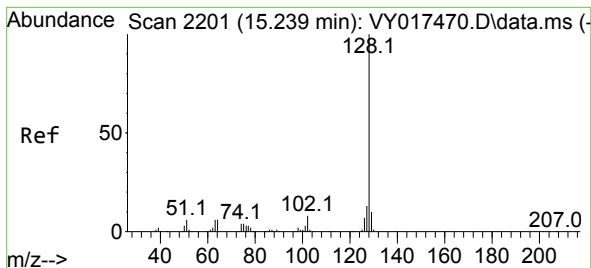
Ion Ratio Lower Upper

225 100

223 60.9 30.4 91.2

227 64.0 31.9 95.9

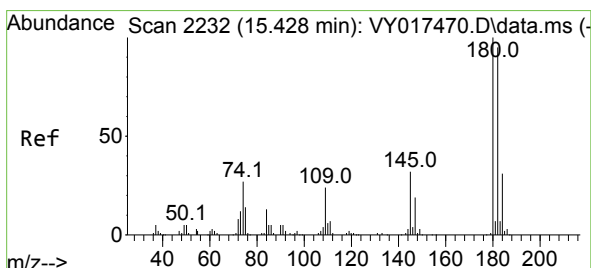
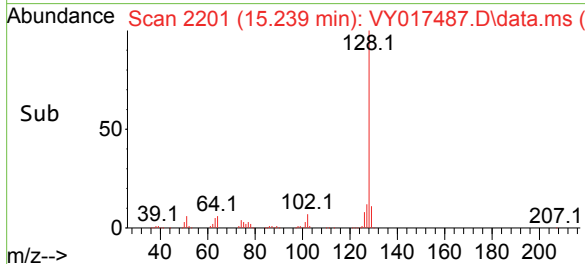
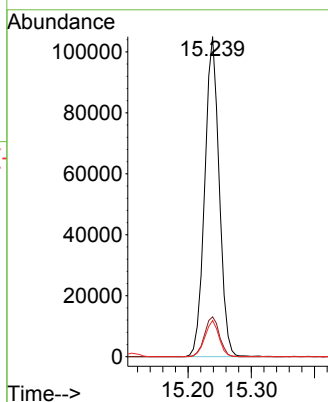
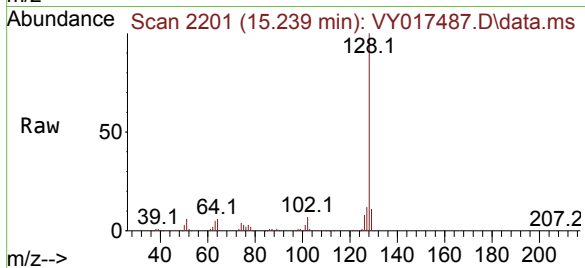




#95
Naphthalene
Concen: 50.111 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 166779
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 55.095 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY017487.D
Acq: 26 Feb 2024 17:23

Tgt Ion:180 Resp: 81169
Ion Ratio Lower Upper
180 100
182 94.3 47.6 142.9
145 29.3 15.4 46.1

