

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
 Data File : VY017489.D
 Acq On : 27 Feb 2024 10:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 28 00:56:19 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	157059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	242157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	217823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108662	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	71018	47.711	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.420%
35) Dibromofluoromethane	7.722	113	82678	48.997	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.000%
50) Toluene-d8	10.185	98	311213	52.749	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.500%
62) 4-Bromofluorobenzene	12.483	95	97967	52.836	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.680%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	55011	47.482	ug/l	99
3) Chloromethane	2.119	50	91423	43.188	ug/l	97
4) Vinyl Chloride	2.253	62	119141	43.871	ug/l	96
5) Bromomethane	2.656	94	98833	44.659	ug/l	97
6) Chloroethane	2.796	64	78198	45.645	ug/l	100
7) Trichlorofluoromethane	3.131	101	129408	46.755	ug/l	96
8) Diethyl Ether	3.534	74	40771	50.223	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	80438	50.526	ug/l	97
10) Methyl Iodide	4.101	142	93494	52.328	ug/l	98
11) Tert butyl alcohol	4.966	59	22897	181.092	ug/l	99
12) 1,1-Dichloroethene	3.881	96	76193	51.354	ug/l	93
13) Acrolein	3.735	56	46833	280.720	ug/l	97
14) Allyl chloride	4.485	41	90023	50.216	ug/l	96
15) Acrylonitrile	5.168	53	84889	254.378	ug/l	100
16) Acetone	3.954	43	95189	329.707	ug/l	100
17) Carbon Disulfide	4.204	76	223541	50.196	ug/l	98
18) Methyl Acetate	4.485	43	36686	52.377	ug/l	99
19) Methyl tert-butyl Ether	5.229	73	179261	51.837	ug/l	100
20) Methylene Chloride	4.722	84	89595	53.167	ug/l	95
21) trans-1,2-Dichloroethene	5.229	96	91279	52.544	ug/l	96
22) Diisopropyl ether	6.125	45	218513	52.821	ug/l	96
23) Vinyl Acetate	6.064	43	646031	262.069	ug/l	98
24) 1,1-Dichloroethane	6.021	63	144708	51.202	ug/l	99
25) 2-Butanone	6.990	43	120583	293.072	ug/l	99
26) 2,2-Dichloropropane	6.984	77	121015	50.928	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	104078	53.360	ug/l	96
28) Bromochloromethane	7.338	49	58297	52.375	ug/l	93
29) Tetrahydrofuran	7.350	42	63930	257.759	ug/l	98
30) Chloroform	7.509	83	158618	52.714	ug/l	100
31) Cyclohexane	7.789	56	117724	48.598	ug/l	100
32) 1,1,1-Trichloroethane	7.710	97	133779	51.210	ug/l	98
36) 1,1-Dichloropropene	7.923	75	118236	51.933	ug/l	99
37) Ethyl Acetate	7.076	43	46319	51.511	ug/l	98
38) Carbon Tetrachloride	7.905	117	121610	53.296	ug/l	97
39) Methylcyclohexane	9.185	83	145467	53.166	ug/l	98
40) Benzene	8.167	78	359699	53.200	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	19441	43.084	ug/l #	82
42) 1,2-Dichloroethane	8.240	62	86042	52.158	ug/l	98
43) Isopropyl Acetate	8.277	43	81828	51.785	ug/l	98
44) Trichloroethene	8.941	130	102147	52.416	ug/l	99
45) 1,2-Dichloropropane	9.222	63	84985	52.832	ug/l	99
46) Dibromomethane	9.307	93	49604	53.882	ug/l	95
47) Bromodichloromethane	9.502	83	120828	54.055	ug/l	95
48) Methyl methacrylate	9.295	41	38596	52.769	ug/l	96
49) 1,4-Dioxane	9.301	88	10554	1012.997	ug/l #	92
51) 4-Methyl-2-Pentanone	10.075	43	234014	265.724	ug/l	98
52) Toluene	10.246	92	230299	54.031	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	111634	53.806	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	136101	53.987	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	70163	53.679	ug/l	97
56) Ethyl methacrylate	10.514	69	80836	50.257	ug/l	96
57) 1,3-Dichloropropane	10.795	76	112671	53.018	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	211053	279.818	ug/l	97
59) 2-Hexanone	10.837	43	185220	306.193	ug/l	98
60) Dibromochloromethane	10.990	129	86311	55.818	ug/l	99
61) 1,2-Dibromoethane	11.093	107	65687	54.533	ug/l	99
64) Tetrachloroethene	10.727	164	103612	49.558	ug/l	98
65) Chlorobenzene	11.520	112	248829	53.819	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	94160	54.362	ug/l	99
67) Ethyl Benzene	11.599	91	442537	54.578	ug/l	98
68) m/p-Xylenes	11.703	106	350870	110.125	ug/l	98
69) o-Xylene	12.032	106	164216	55.556	ug/l	97
70) Styrene	12.050	104	274200	55.886	ug/l	98
71) Bromoform	12.215	173	54140	56.405	ug/l #	97
73) Isopropylbenzene	12.337	105	425692	52.731	ug/l	100
74) N-amyl acetate	12.148	43	73562	51.665	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	75736	54.632	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	91750	88.866	ug/l #	100
77) Bromobenzene	12.611	156	103820	53.105	ug/l	93
78) n-propylbenzene	12.678	91	518468	53.524	ug/l	98
79) 2-Chlorotoluene	12.758	91	279553	51.547	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	347644	53.751	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	22283	49.592	ug/l	98
82) 4-Chlorotoluene	12.861	91	289740	52.233	ug/l	98
83) tert-Butylbenzene	13.081	119	305620	53.812	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	346296	54.234	ug/l	99
85) sec-Butylbenzene	13.258	105	463271	53.353	ug/l	99
86) p-Isopropyltoluene	13.373	119	388598	54.670	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	209112	53.289	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	201396	52.790	ug/l	99
89) n-Butylbenzene	13.703	91	348219	53.694	ug/l	99
90) Hexachloroethane	13.965	117	75654	53.089	ug/l	95
91) 1,2-Dichlorobenzene	13.745	146	176644	53.218	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10017	51.399	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	101561	57.928	ug/l	99
94) Hexachlorobutadiene	15.117	225	60782	56.152	ug/l	99
95) Naphthalene	15.239	128	173149	50.893	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	86779	57.697	ug/l	99

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

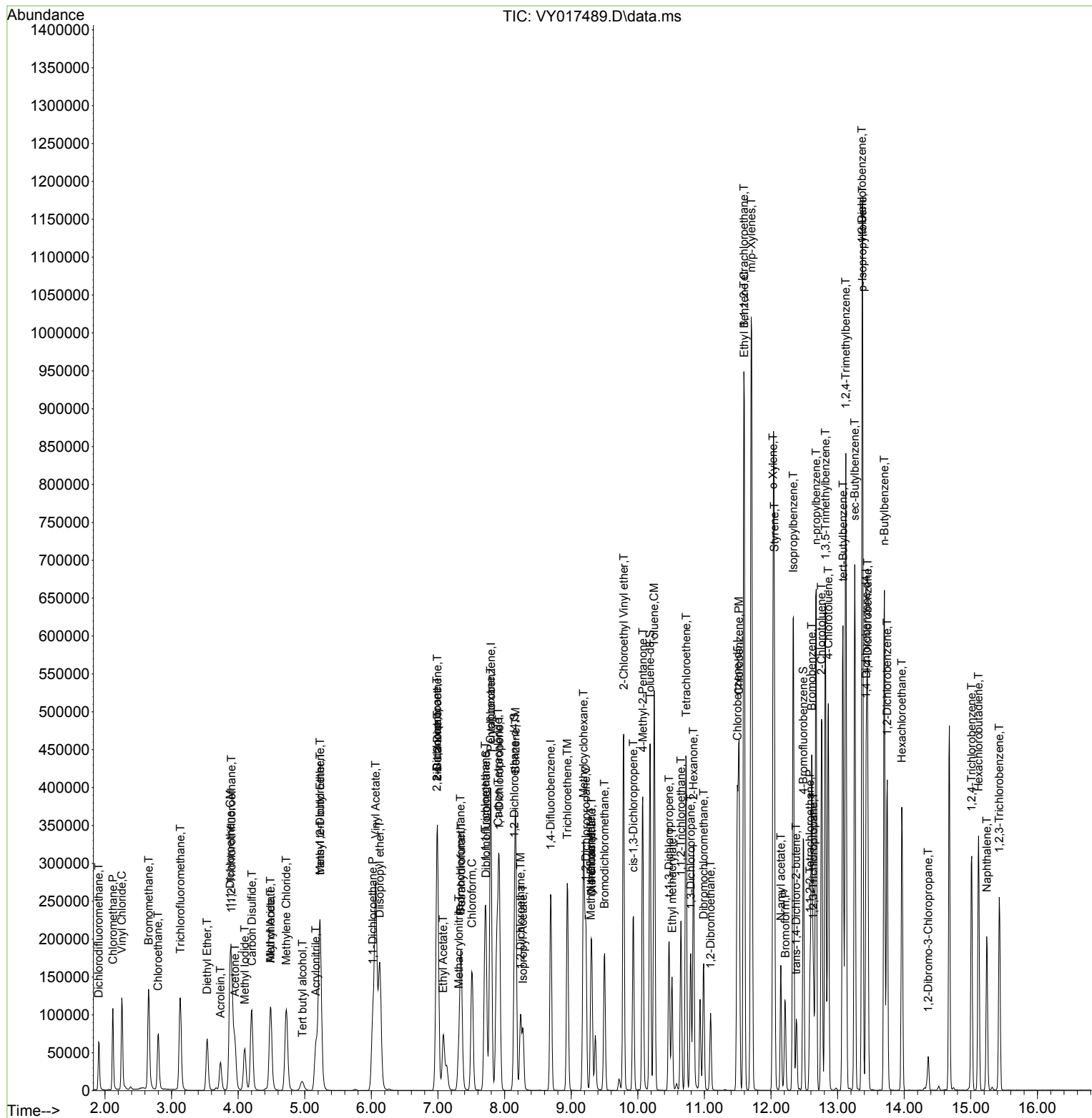
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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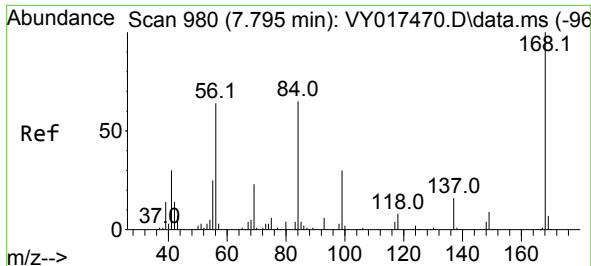
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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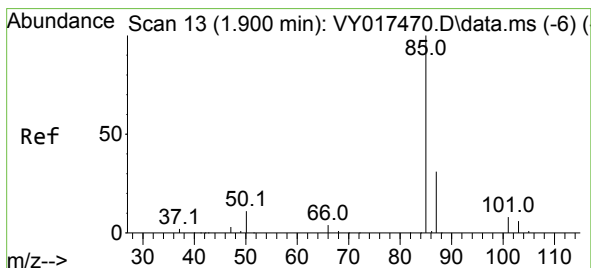
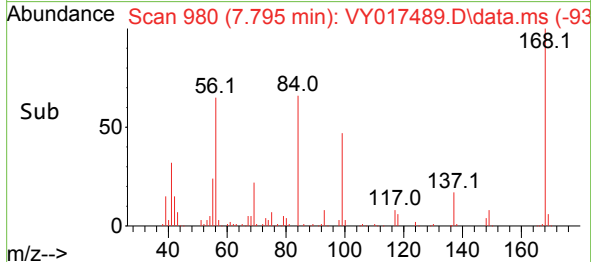
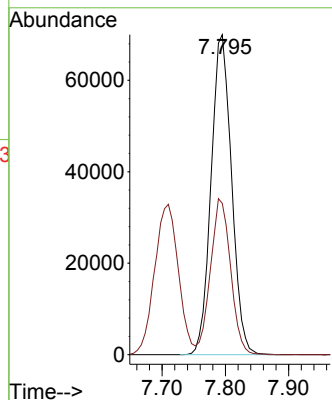
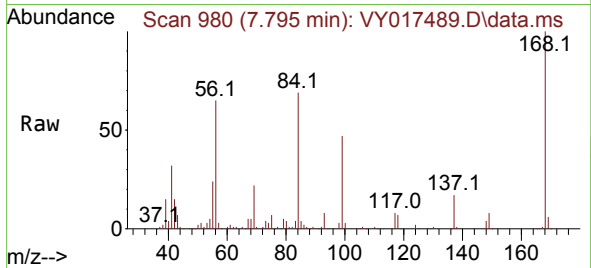




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
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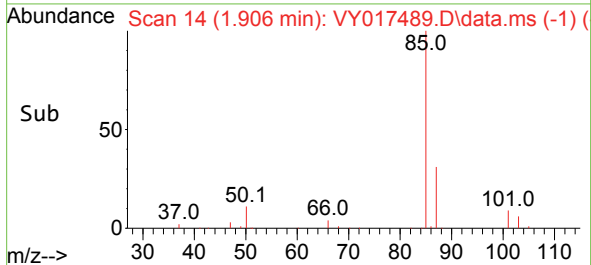
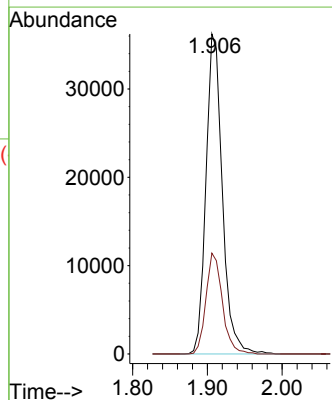
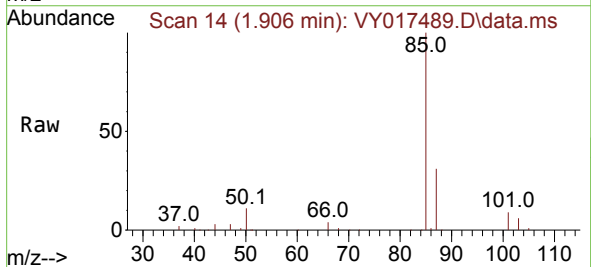
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

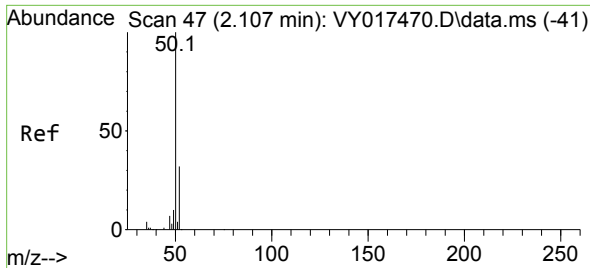
Tgt Ion:168 Resp: 157059
Ion Ratio Lower Upper
168 100
99 47.3 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 47.482 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

Tgt Ion: 85 Resp: 55011
Ion Ratio Lower Upper
85 100
87 31.5 16.0 48.0

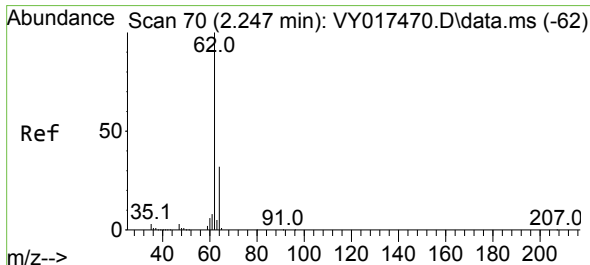
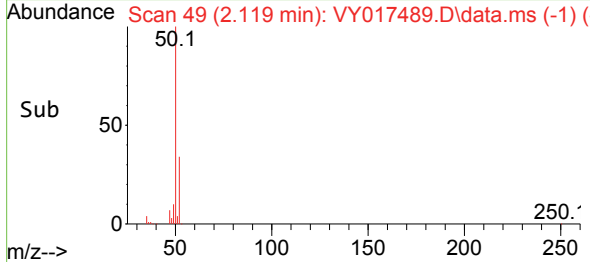
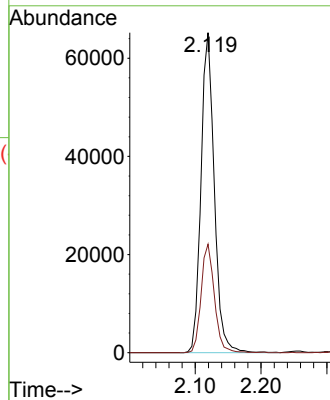
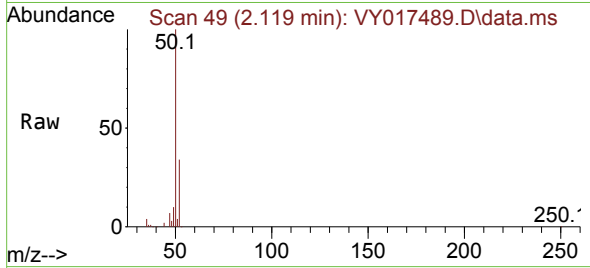




#3
Chloromethane
Concen: 43.188 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.012 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

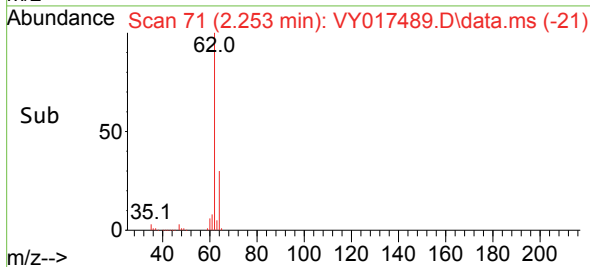
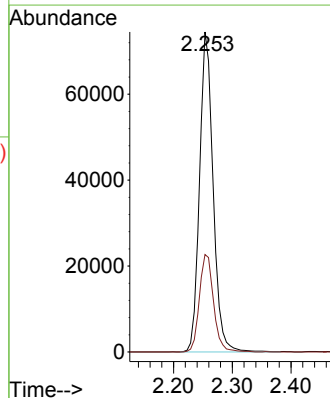
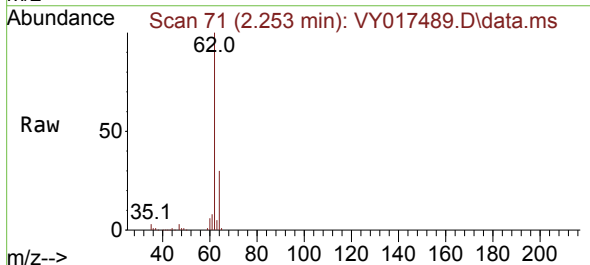
Instrument :
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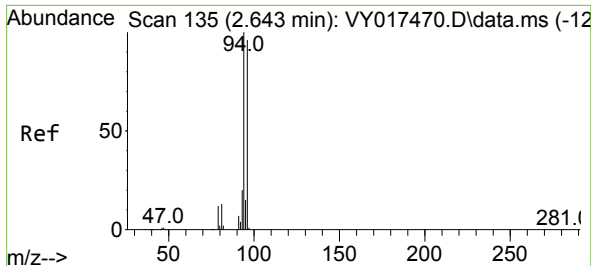
Tgt Ion: 50 Resp: 91423
Ion Ratio Lower Upper
50 100
52 33.9 25.6 38.4



#4
Vinyl Chloride
Concen: 43.871 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

Tgt Ion: 62 Resp: 119141
Ion Ratio Lower Upper
62 100
64 30.5 26.1 39.1

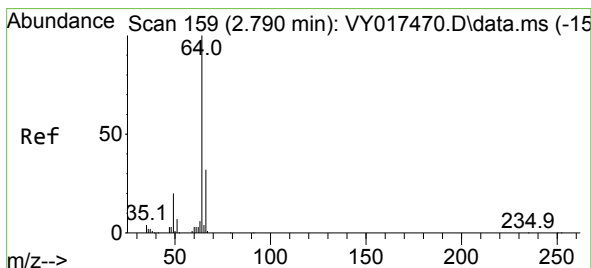
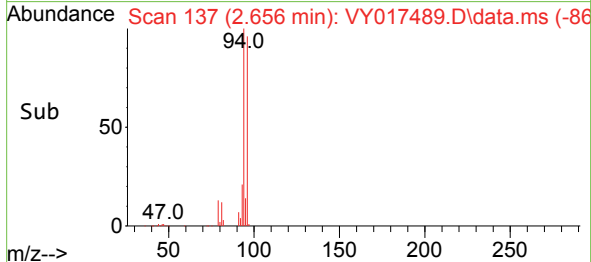
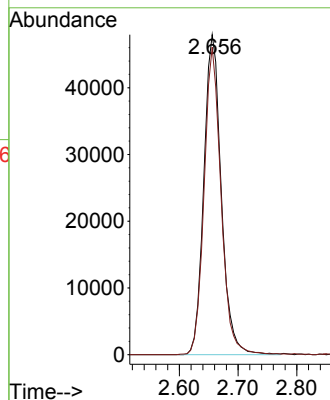
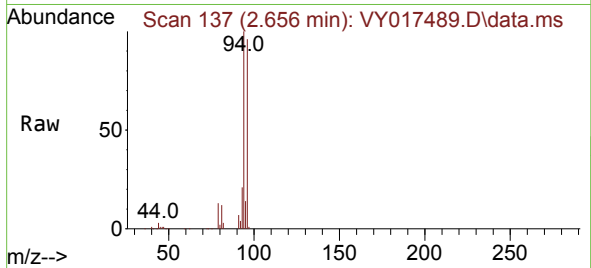




#5
Bromomethane
Concen: 44.659 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

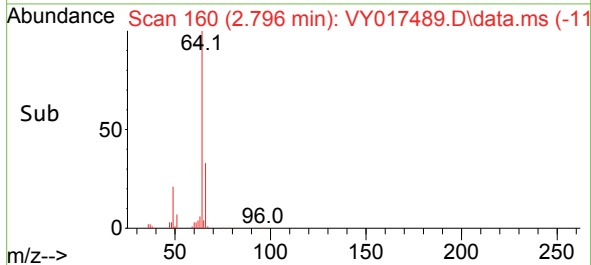
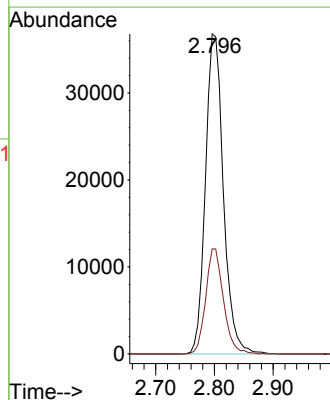
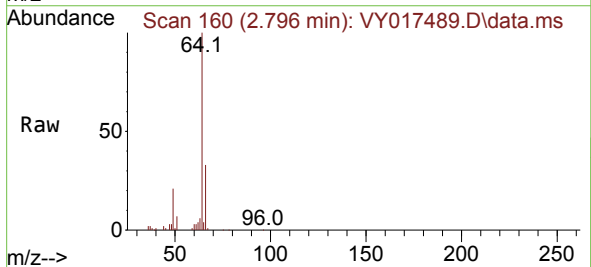
Instrument :
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Tgt Ion: 94 Resp: 98833
Ion Ratio Lower Upper
94 100
96 95.9 74.1 111.1



#6
Chloroethane
Concen: 45.645 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

Tgt Ion: 64 Resp: 78198
Ion Ratio Lower Upper
64 100
66 32.9 26.1 39.1

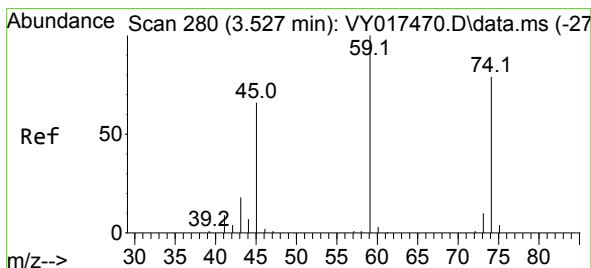
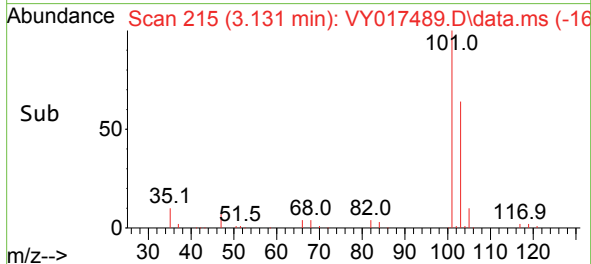
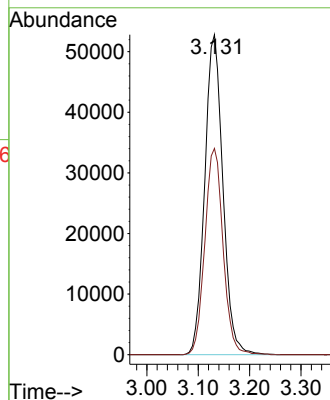
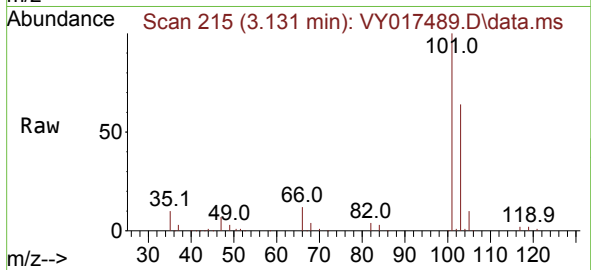




#7
Trichlorofluoromethane
Concen: 46.755 ug/l
RT: 3.131 min Scan# 213
Delta R.T. 0.012 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

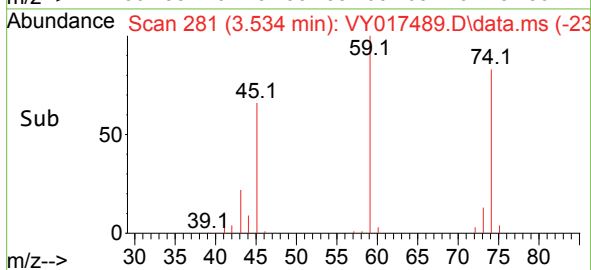
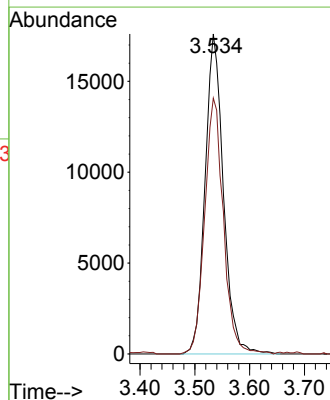
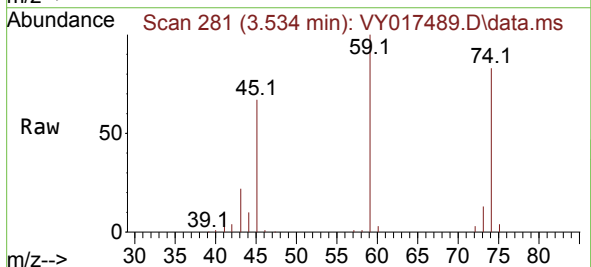
Instrument :
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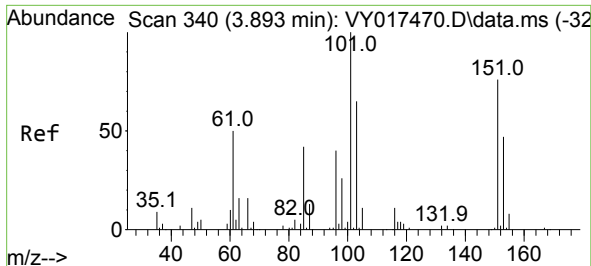
Tgt Ion:101 Resp: 129408
Ion Ratio Lower Upper
101 100
103 64.4 49.3 73.9



#8
Diethyl Ether
Concen: 50.223 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY017489.D
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Tgt Ion: 74 Resp: 40771
Ion Ratio Lower Upper
74 100
45 81.8 41.3 124.1

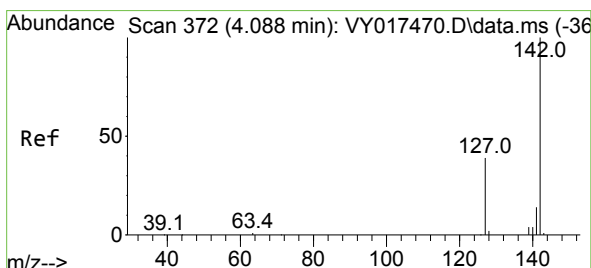
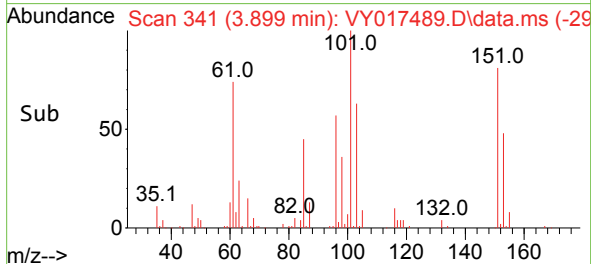
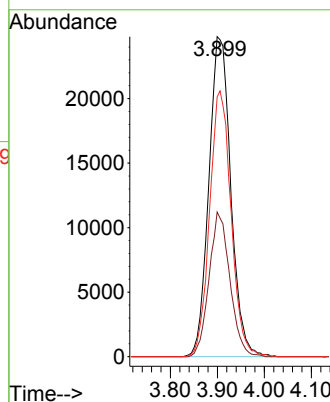
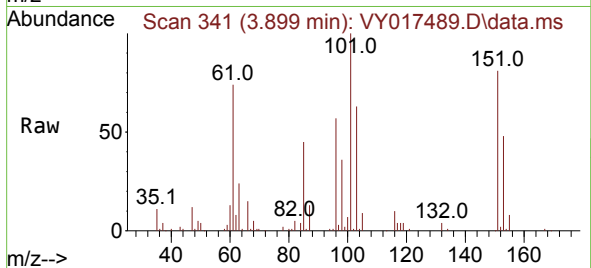




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.526 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

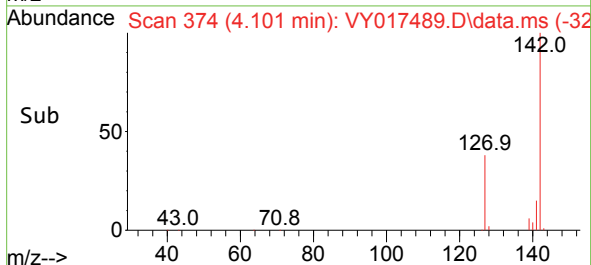
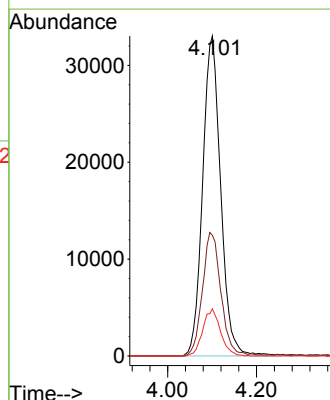
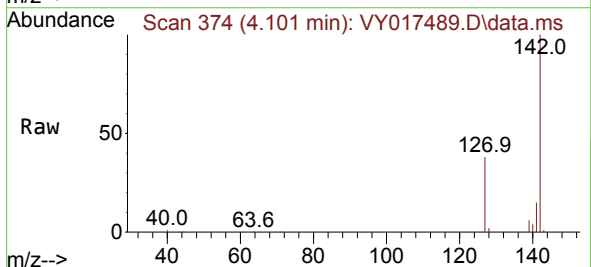
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

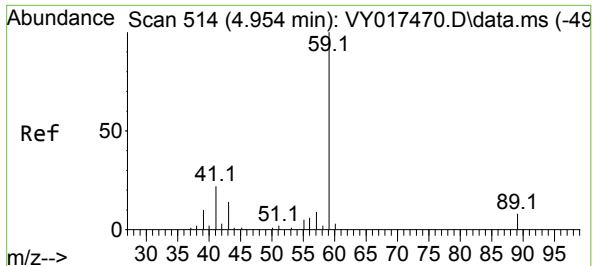
Tgt Ion:101 Resp: 80438
Ion Ratio Lower Upper
101 100
85 42.9 34.5 51.7
151 81.4 61.7 92.5



#10
Methyl Iodide
Concen: 52.328 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

Tgt Ion:142 Resp: 93494
Ion Ratio Lower Upper
142 100
127 39.7 32.8 49.2
141 14.4 11.4 17.2





#11

Tert butyl alcohol

Concen: 181.092 ug/l

RT: 4.966 min Scan# 514

Delta R.T. 0.012 min

Lab File: VY017489.D

Acq: 27 Feb 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

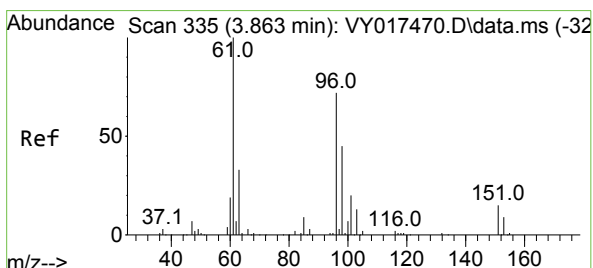
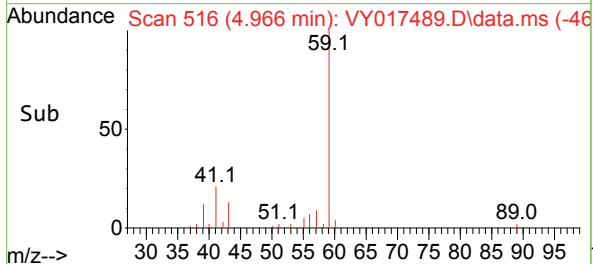
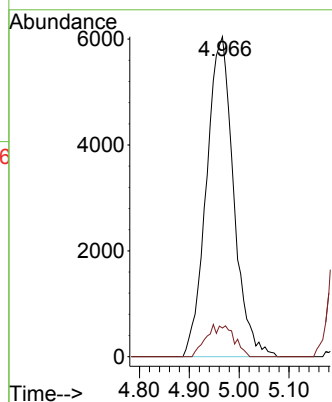
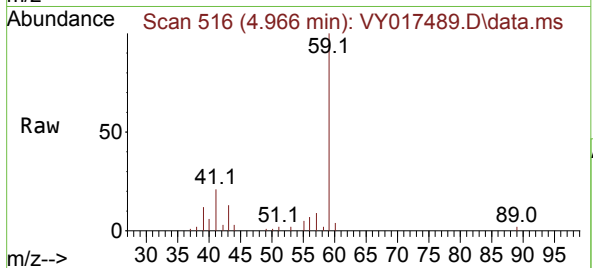
VSTDCCC050

Tgt Ion: 59 Resp: 22897

Ion Ratio Lower Upper

59 100

57 4.3 3.0 4.6



#12

1,1-Dichloroethene

Concen: 51.354 ug/l

RT: 3.881 min Scan# 338

Delta R.T. 0.018 min

Lab File: VY017489.D

Acq: 27 Feb 2024 10:20

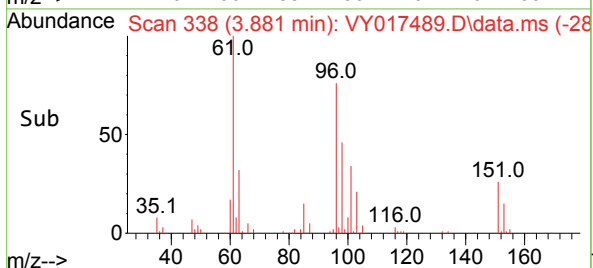
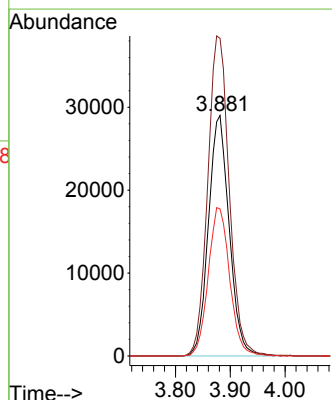
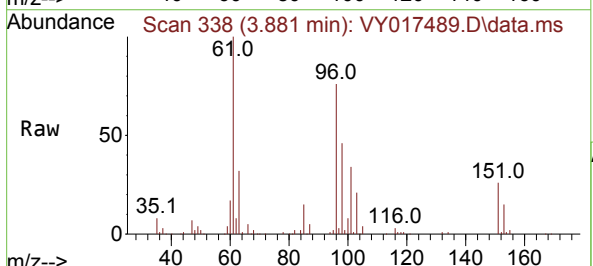
Tgt Ion: 96 Resp: 76193

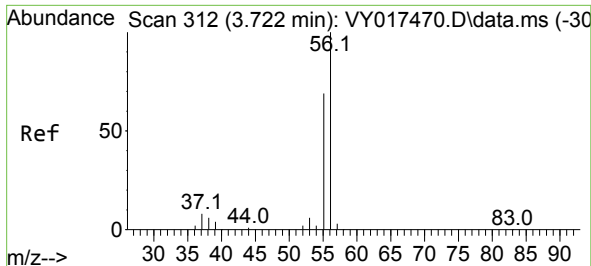
Ion Ratio Lower Upper

96 100

61 132.0 114.6 171.8

98 61.1 50.8 76.2





#13

Acrolein

Concen: 280.720 ug/l

RT: 3.735 min Scan# 312

Delta R.T. 0.012 min

Lab File: VY017489.D

Acq: 27 Feb 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

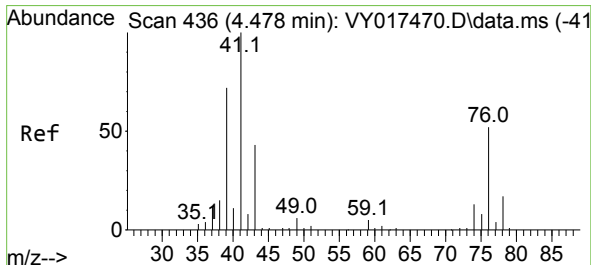
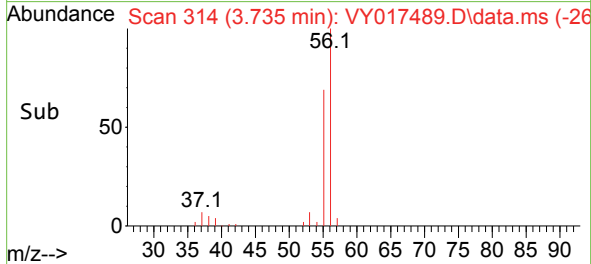
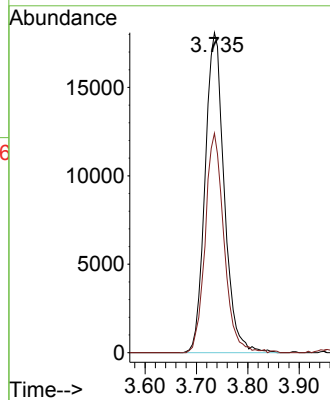
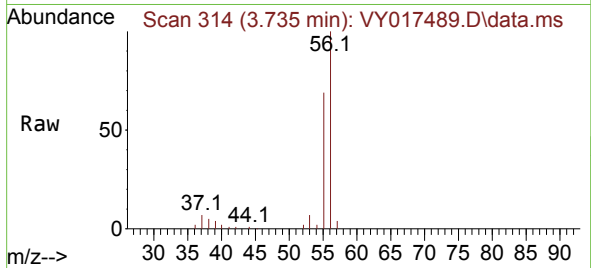
VSTDCCC050

Tgt Ion: 56 Resp: 46833

Ion Ratio Lower Upper

56 100

55 67.2 55.7 83.5



#14

Allyl chloride

Concen: 50.216 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY017489.D

Acq: 27 Feb 2024 10:20

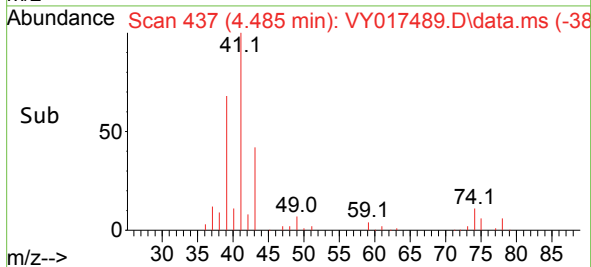
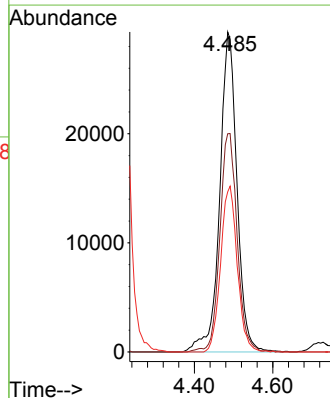
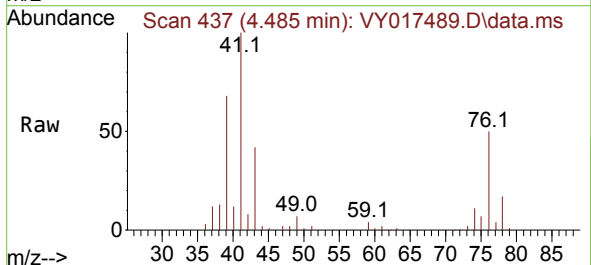
Tgt Ion: 41 Resp: 90023

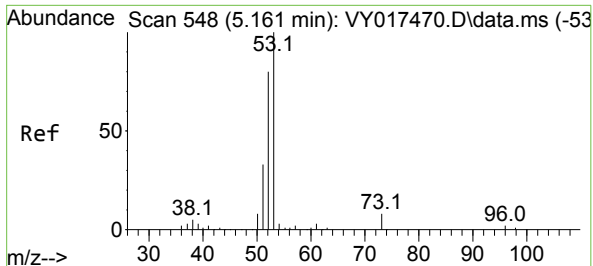
Ion Ratio Lower Upper

41 100

39 68.4 58.3 87.5

76 49.9 39.0 58.6





#15

Acrylonitrile

Concen: 254.378 ug/l

RT: 5.168 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY017489.D

Acq: 27 Feb 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

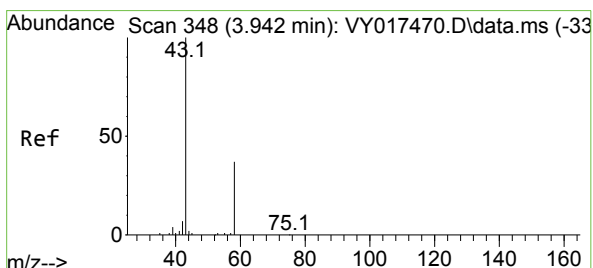
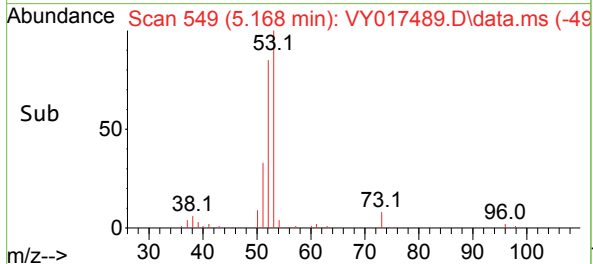
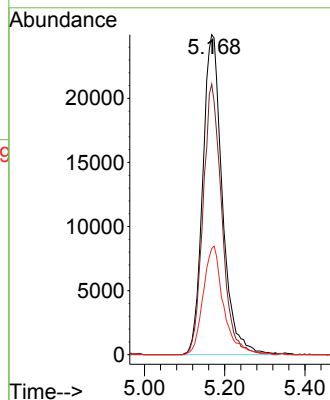
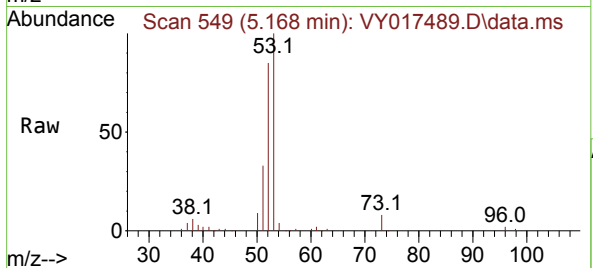
Tgt Ion: 53 Resp: 84889

Ion Ratio Lower Upper

53 100

52 80.6 64.7 97.1

51 35.1 28.4 42.6



#16

Acetone

Concen: 329.707 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY017489.D

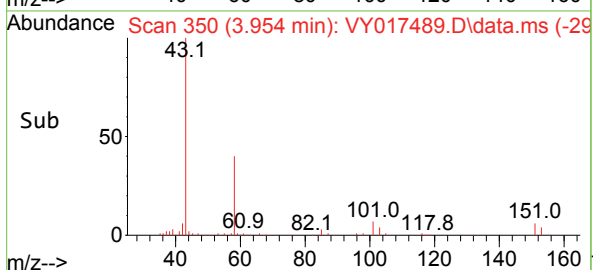
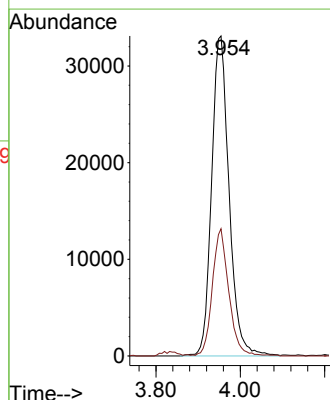
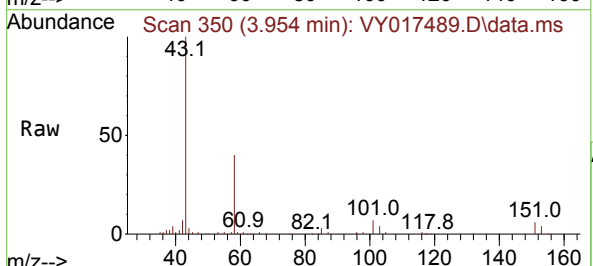
Acq: 27 Feb 2024 10:20

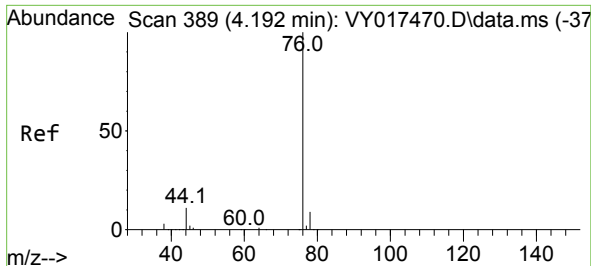
Tgt Ion: 43 Resp: 95189

Ion Ratio Lower Upper

43 100

58 39.7 31.7 47.5

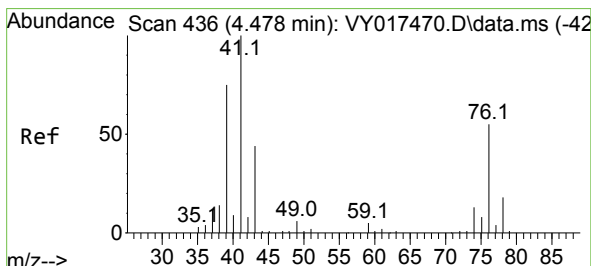
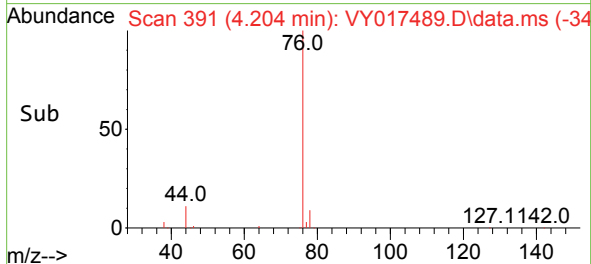
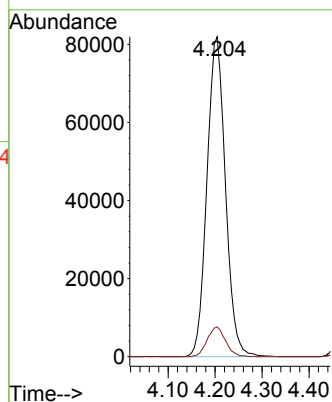
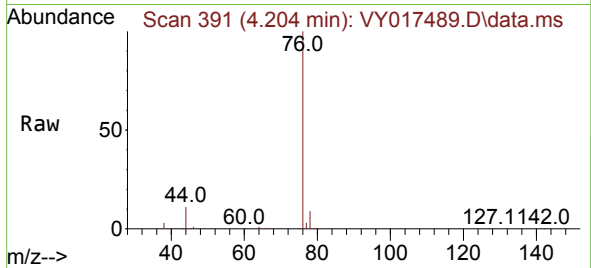




#17
Carbon Disulfide
Concen: 50.196 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

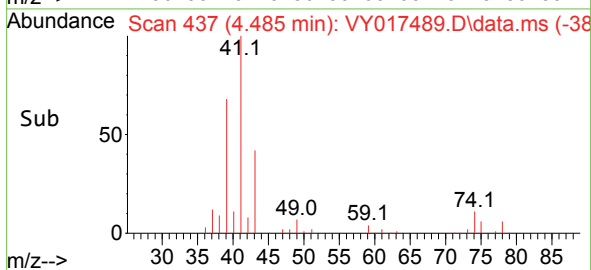
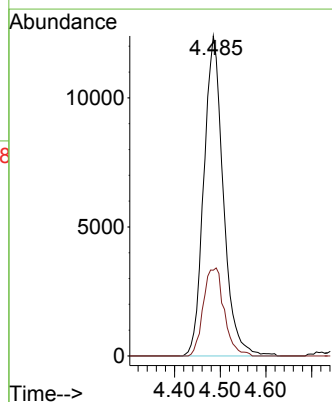
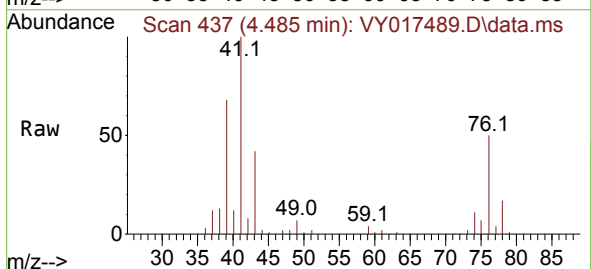
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 223541
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 52.377 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

Tgt Ion: 43 Resp: 36686
Ion Ratio Lower Upper
43 100
74 29.4 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 51.837 ug/l

RT: 5.229 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY017489.D

Acq: 27 Feb 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

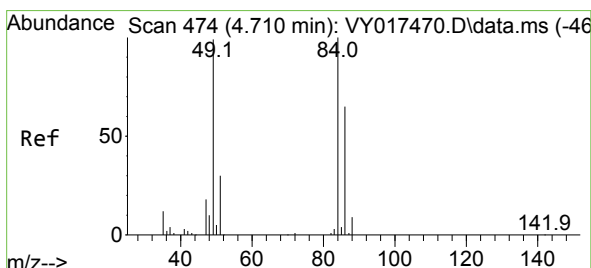
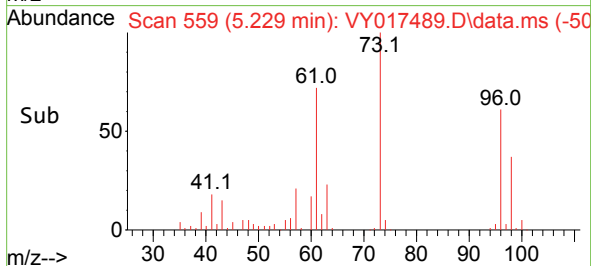
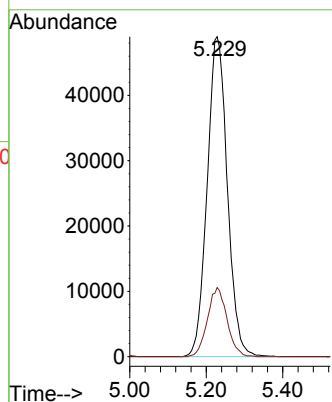
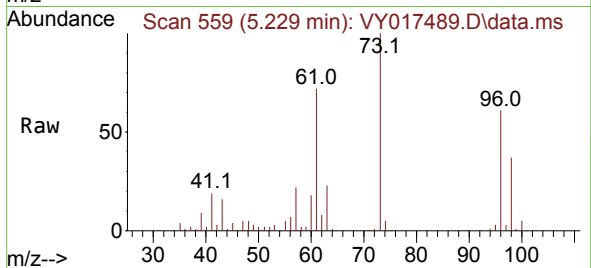
VSTDCCC050

Tgt Ion: 73 Resp: 179261

Ion Ratio Lower Upper

73 100

57 21.6 17.3 25.9



#20

Methylene Chloride

Concen: 53.167 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.012 min

Lab File: VY017489.D

Acq: 27 Feb 2024 10:20

Tgt Ion: 84 Resp: 89595

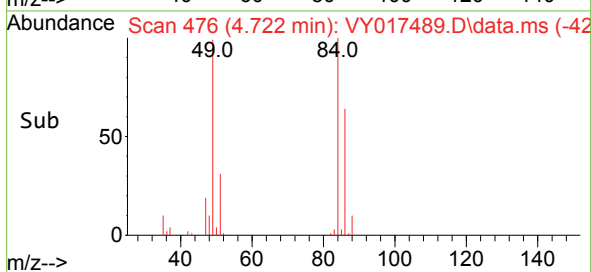
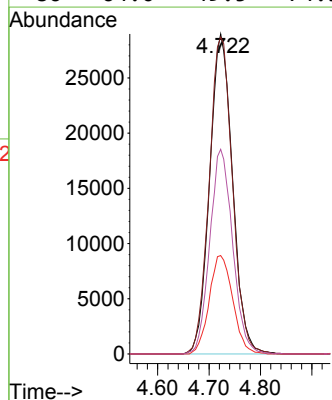
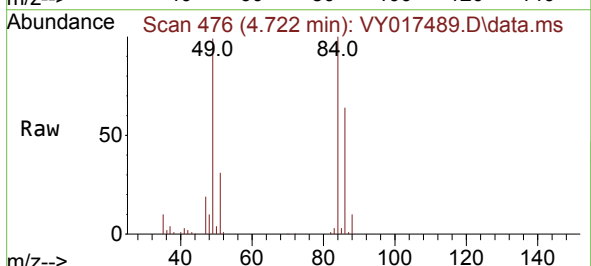
Ion Ratio Lower Upper

84 100

49 99.1 84.4 126.6

51 30.7 26.0 39.0

86 64.0 49.5 74.3

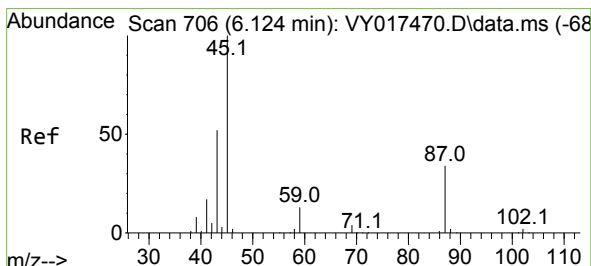
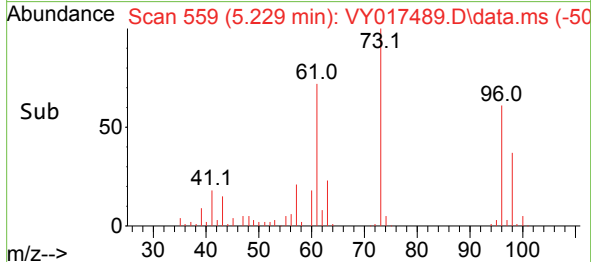
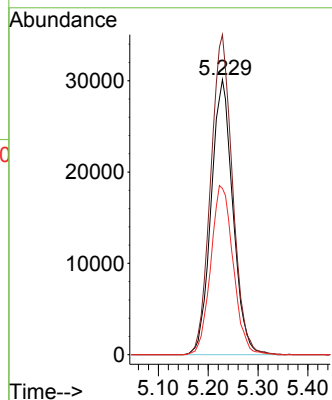
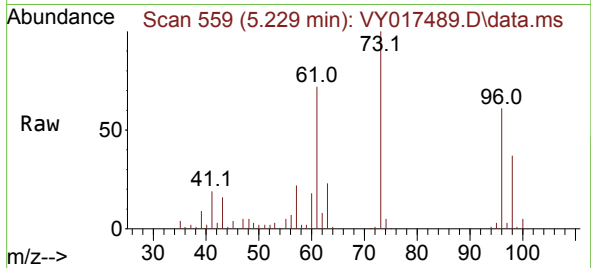




#21
trans-1,2-Dichloroethene
Concen: 52.544 ug/l
RT: 5.229 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

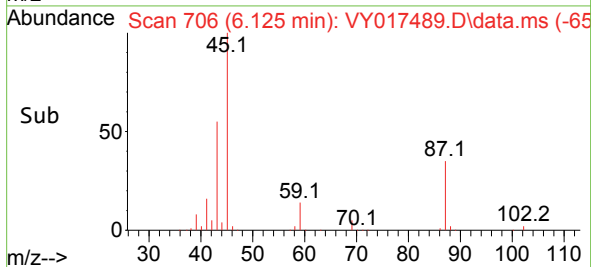
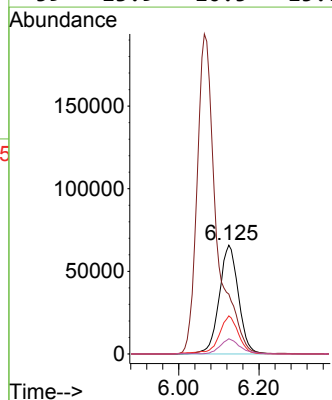
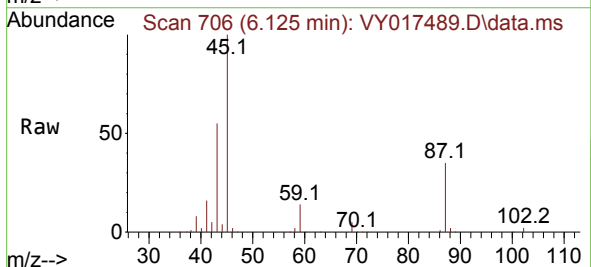
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

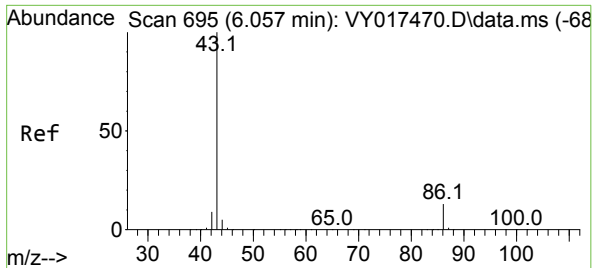
Tgt Ion: 96 Resp: 91279
Ion Ratio Lower Upper
96 100
61 116.4 97.5 146.3
98 60.4 50.5 75.7



#22
Diisopropyl ether
Concen: 52.821 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

Tgt Ion: 45 Resp: 218513
Ion Ratio Lower Upper
45 100
43 54.5 42.2 63.2
87 35.0 25.0 37.6
59 13.9 10.5 15.7

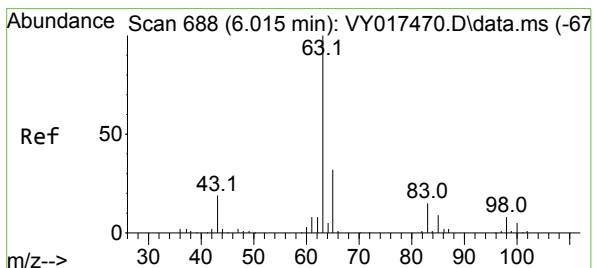
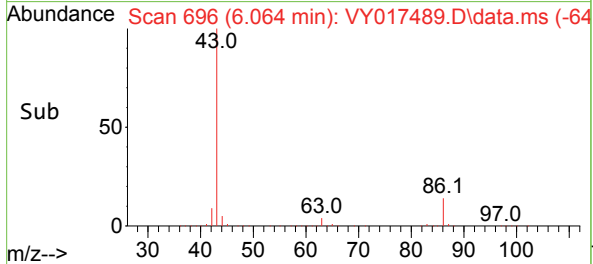
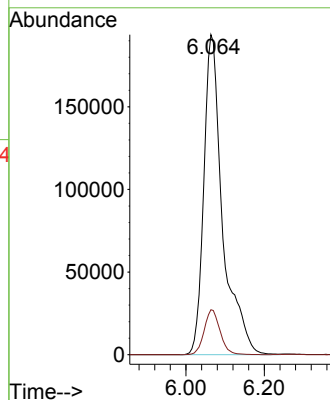
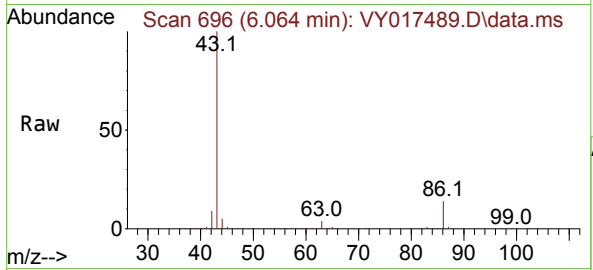




#23
 Vinyl Acetate
 Concen: 262.069 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY017489.D
 Acq: 27 Feb 2024 10:20

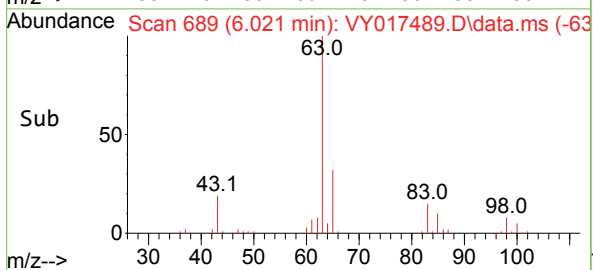
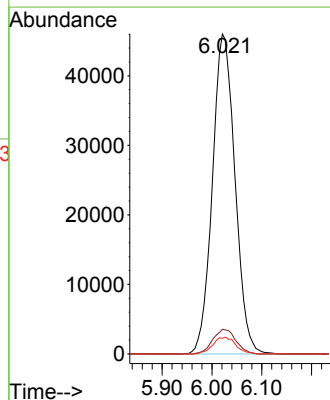
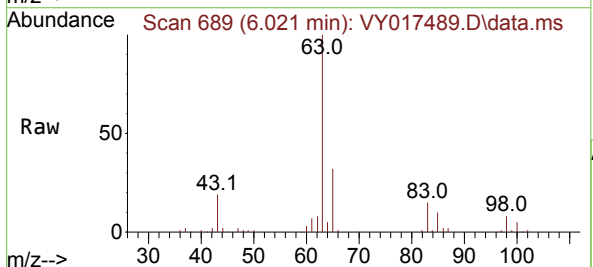
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 646031
 Ion Ratio Lower Upper
 43 100
 86 14.0 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 51.202 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY017489.D
 Acq: 27 Feb 2024 10:20

Tgt Ion: 63 Resp: 144708
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.0 12.2
 100 4.9 2.6 8.0





#25

2-Butanone

Concen: 293.072 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY017489.D

Acq: 27 Feb 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

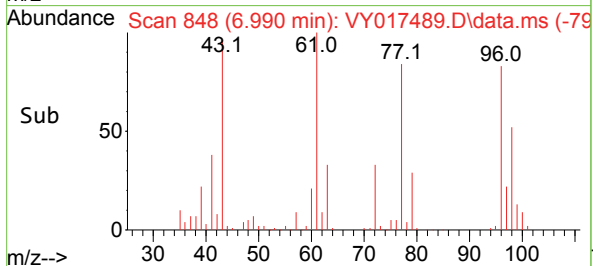
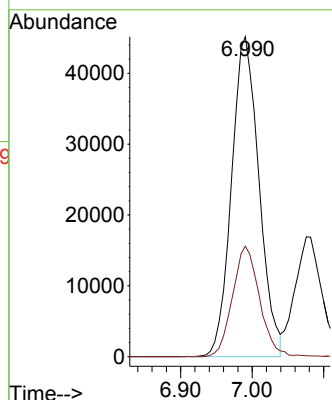
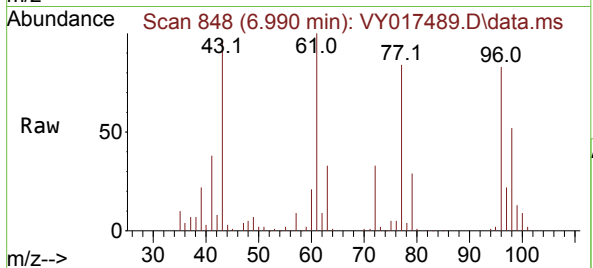
VSTDCCC050

Tgt Ion: 43 Resp: 120583

Ion Ratio Lower Upper

43 100

72 34.5 27.3 40.9



#26

2,2-Dichloropropane

Concen: 50.928 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY017489.D

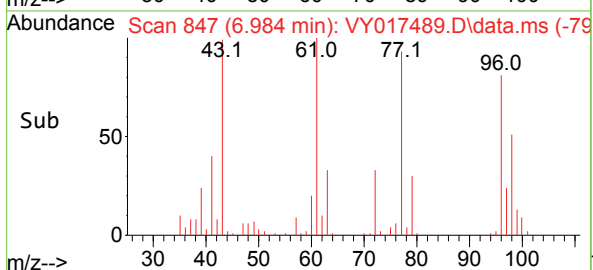
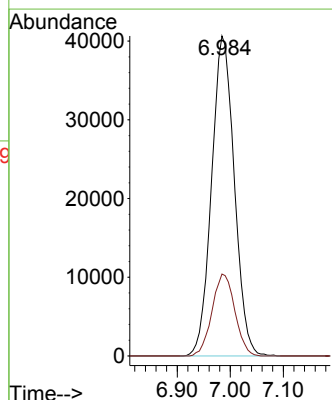
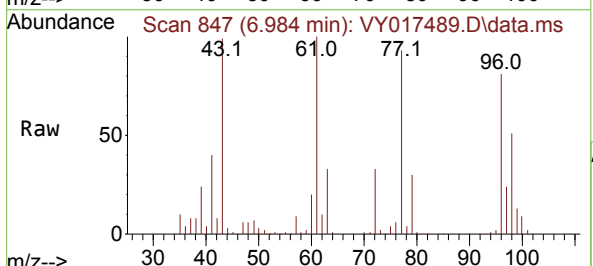
Acq: 27 Feb 2024 10:20

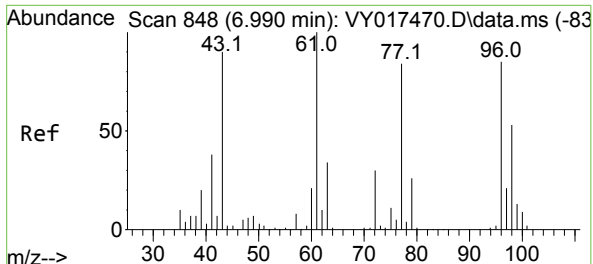
Tgt Ion: 77 Resp: 121015

Ion Ratio Lower Upper

77 100

97 25.7 12.0 36.1

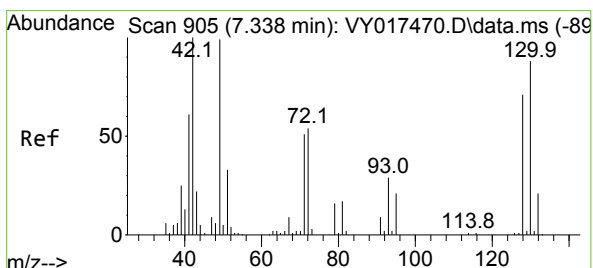
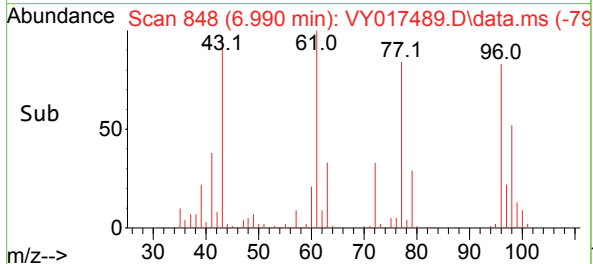
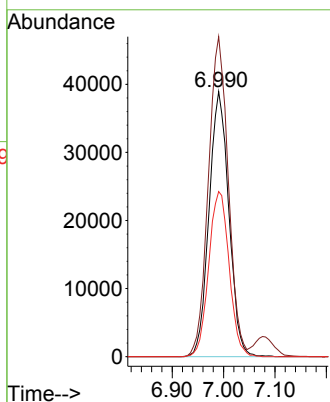
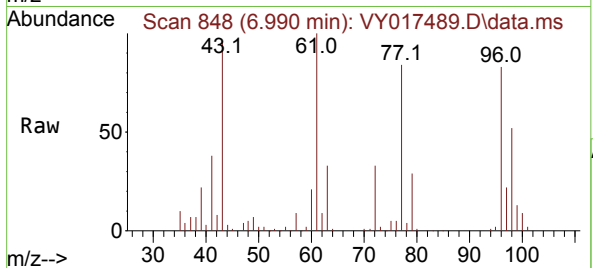




#27
 cis-1,2-Dichloroethene
 Concen: 53.360 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY017489.D
 Acq: 27 Feb 2024 10:20

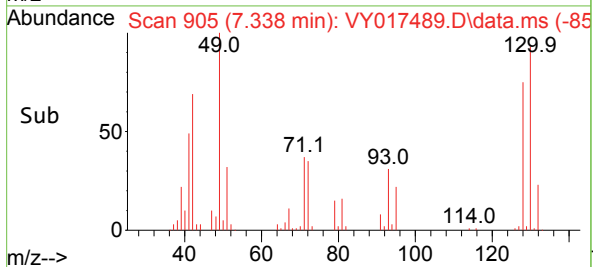
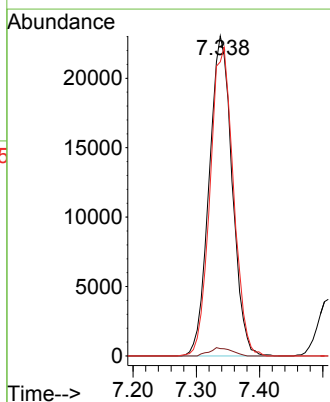
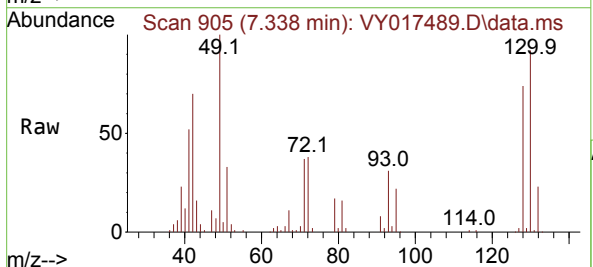
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 104078
 Ion Ratio Lower Upper
 96 100
 61 121.6 0.0 256.2
 98 64.2 0.0 130.0



#28
 Bromochloromethane
 Concen: 52.375 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.000 min
 Lab File: VY017489.D
 Acq: 27 Feb 2024 10:20

Tgt Ion: 49 Resp: 58297
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.6
 130 97.6 72.7 109.1





#29

Tetrahydrofuran

Concen: 257.759 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY017489.D

Acq: 27 Feb 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

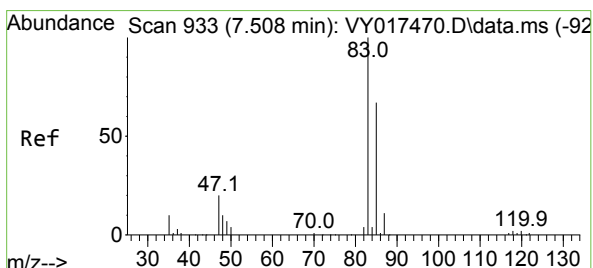
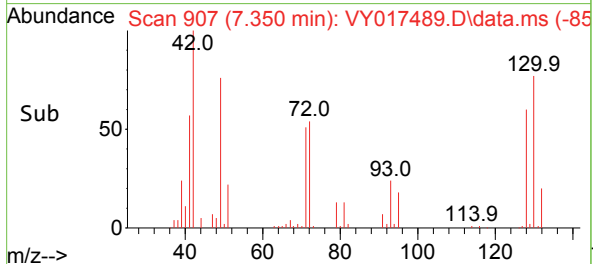
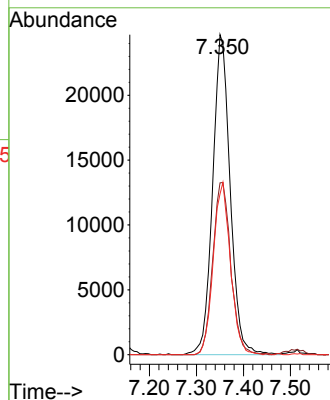
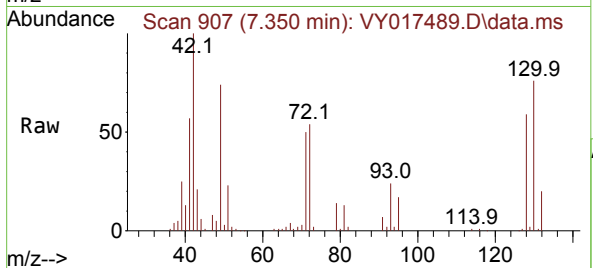
Tgt Ion: 42 Resp: 63930

Ion Ratio Lower Upper

42 100

72 55.4 43.0 64.4

71 52.8 40.8 61.2



#30

Chloroform

Concen: 52.714 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017489.D

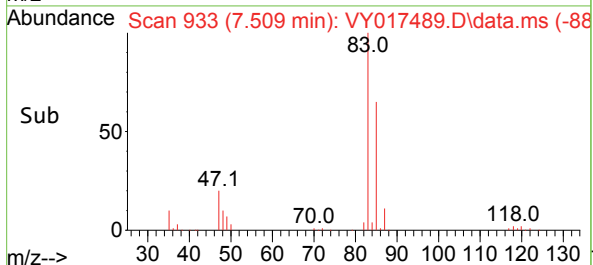
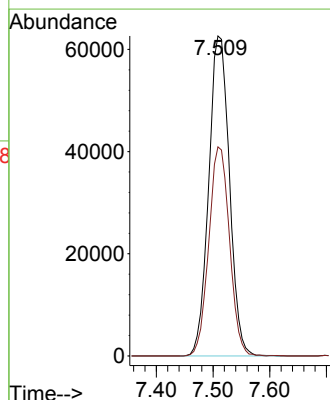
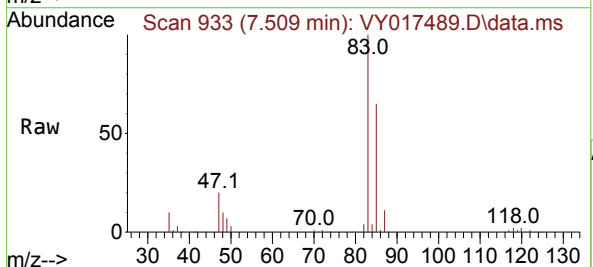
Acq: 27 Feb 2024 10:20

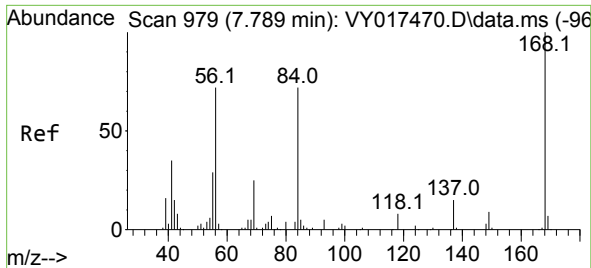
Tgt Ion: 83 Resp: 158618

Ion Ratio Lower Upper

83 100

85 65.3 52.2 78.4

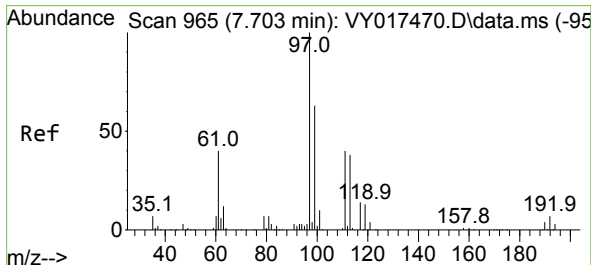
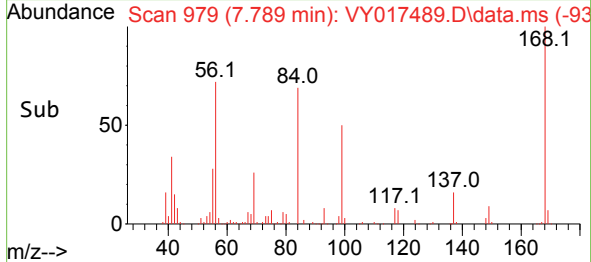
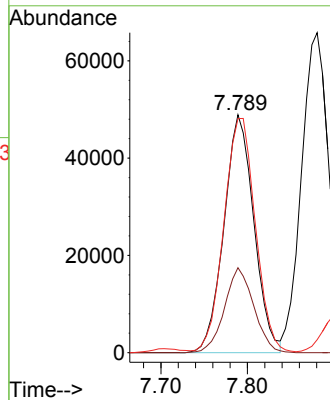
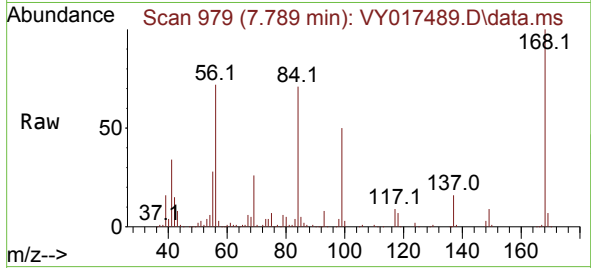




#31
Cyclohexane
Concen: 48.598 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

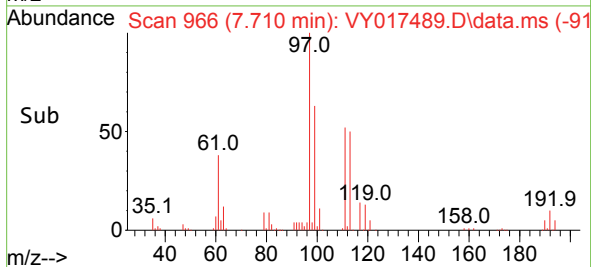
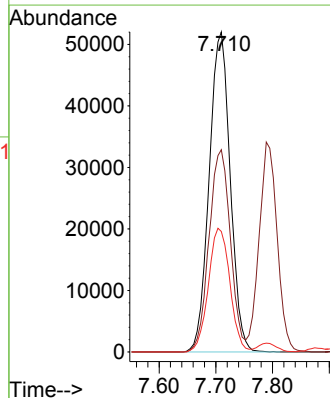
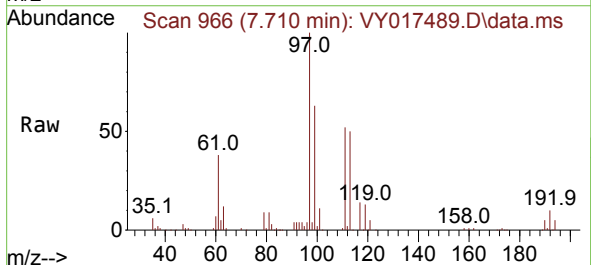
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

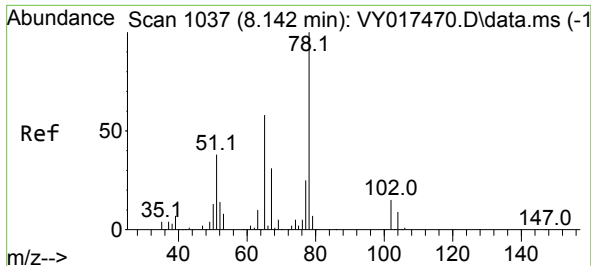
Tgt Ion: 56 Resp: 117724
Ion Ratio Lower Upper
56 100
69 35.7 28.7 43.1
84 97.4 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 51.210 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

Tgt Ion: 97 Resp: 133779
Ion Ratio Lower Upper
97 100
99 64.4 50.3 75.5
61 39.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 47.711 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY017489.D

Acq: 27 Feb 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

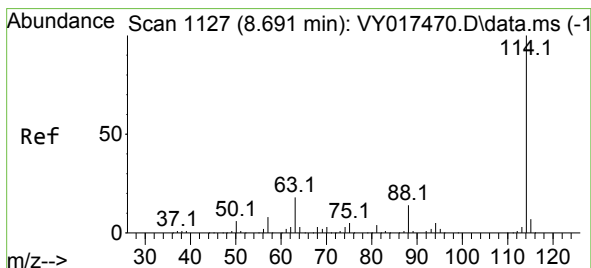
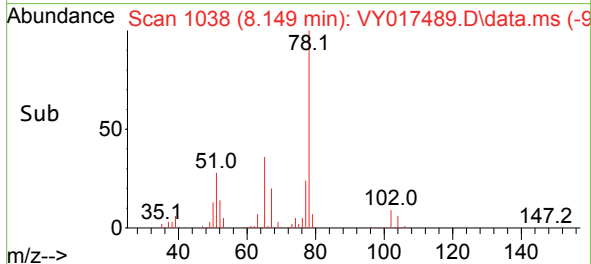
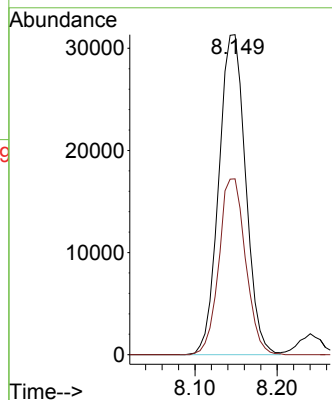
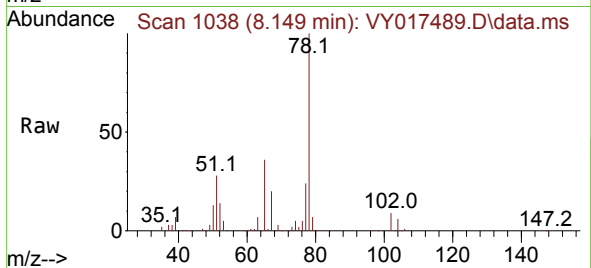
VSTDCCC050

Tgt Ion: 65 Resp: 71018

Ion Ratio Lower Upper

65 100

67 54.5 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: VY017489.D

Acq: 27 Feb 2024 10:20

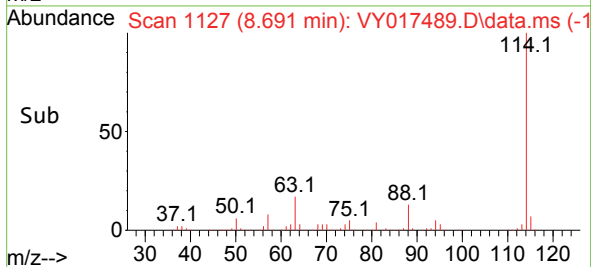
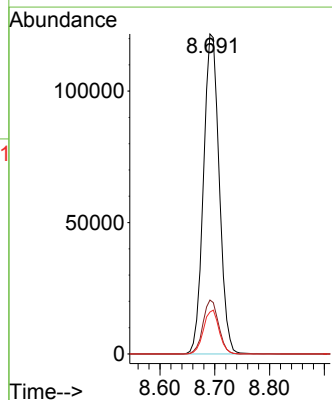
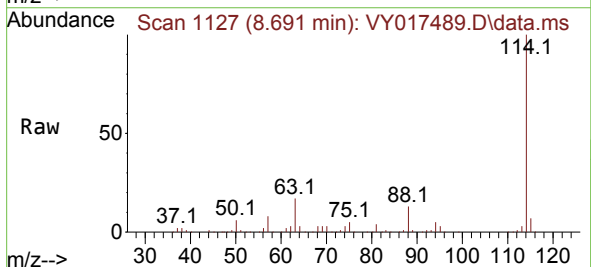
Tgt Ion: 114 Resp: 242157

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 13.1 0.0 27.2

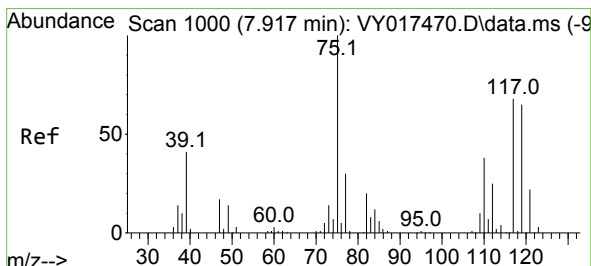
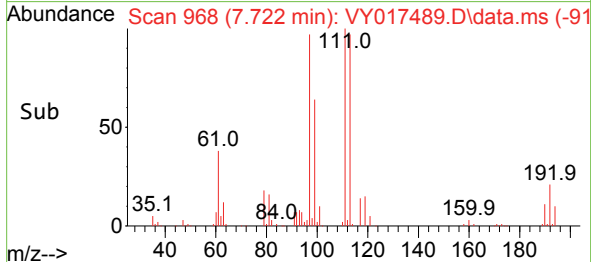
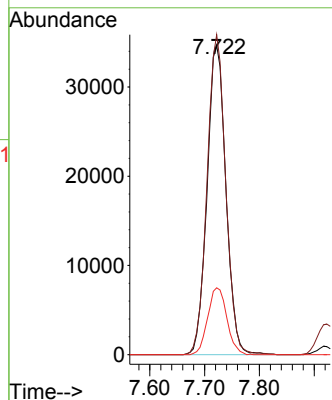
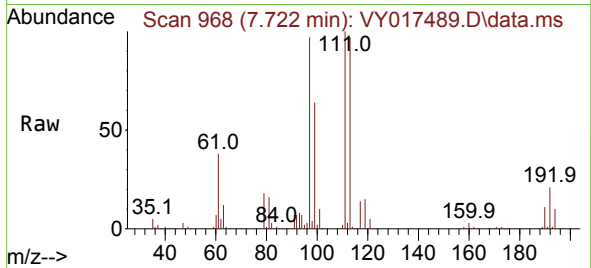




#35
Dibromofluoromethane
Concen: 48.997 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

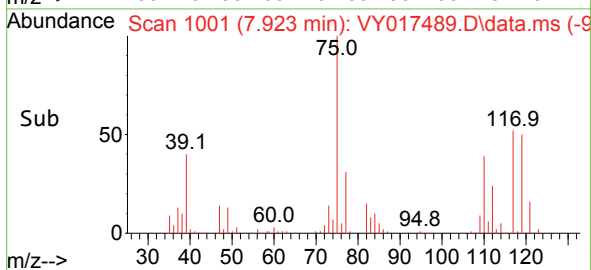
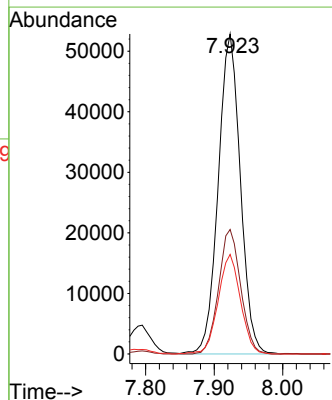
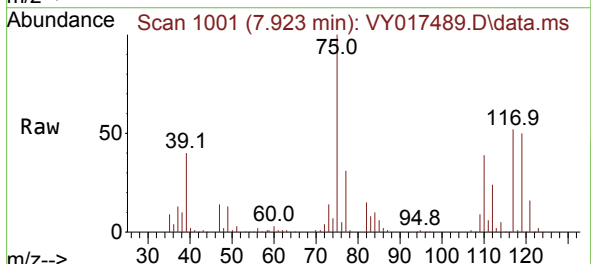
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

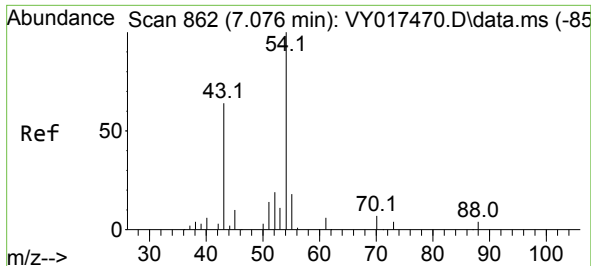
Tgt Ion:113 Resp: 82678
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 21.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 51.933 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

Tgt Ion: 75 Resp: 118236
Ion Ratio Lower Upper
75 100
110 38.7 19.0 57.0
77 31.4 25.3 37.9





#37

Ethyl Acetate

Concen: 51.511 ug/l

RT: 7.076 min Scan# 862

Delta R.T. 0.000 min

Lab File: VY017489.D

Acq: 27 Feb 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

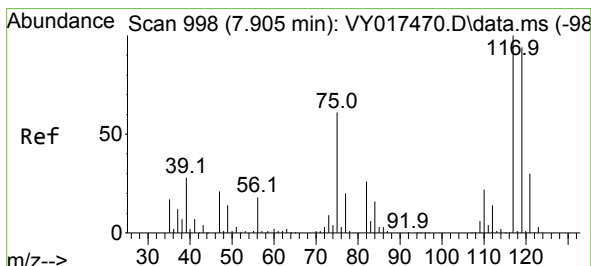
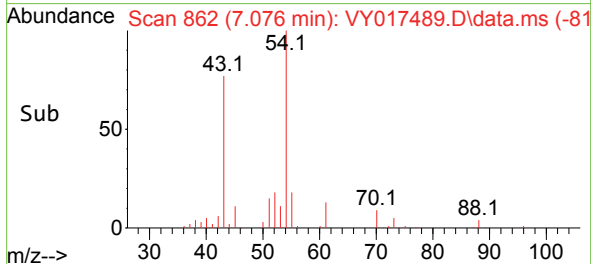
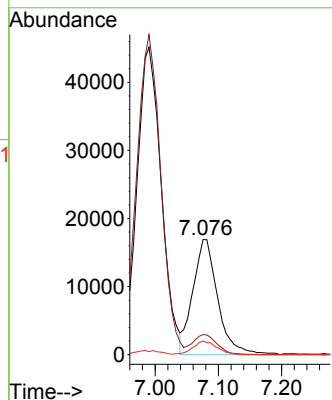
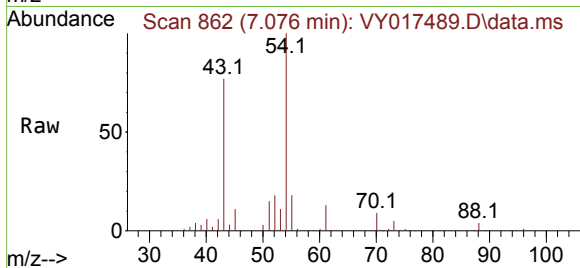
Tgt Ion: 43 Resp: 46319

Ion Ratio Lower Upper

43 100

61 16.3 12.6 19.0

70 11.3 7.8 11.8



#38

Carbon Tetrachloride

Concen: 53.296 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY017489.D

Acq: 27 Feb 2024 10:20

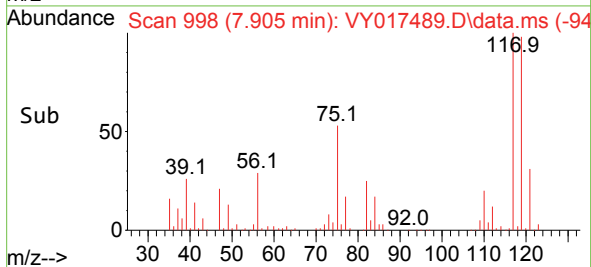
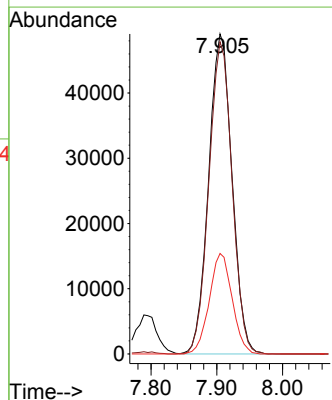
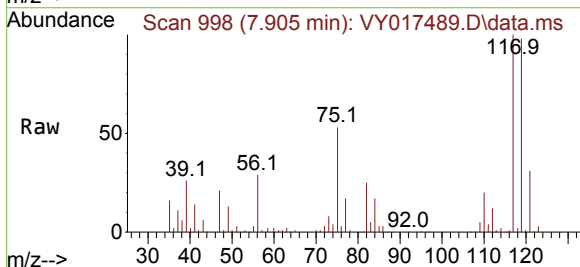
Tgt Ion: 117 Resp: 121610

Ion Ratio Lower Upper

117 100

119 97.6 75.8 113.6

121 31.4 24.0 36.0





#39

Methylcyclohexane

Concen: 53.166 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017489.D

Acq: 27 Feb 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

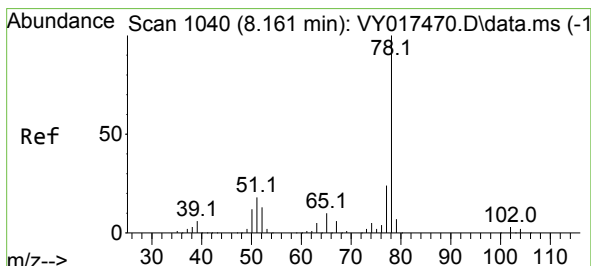
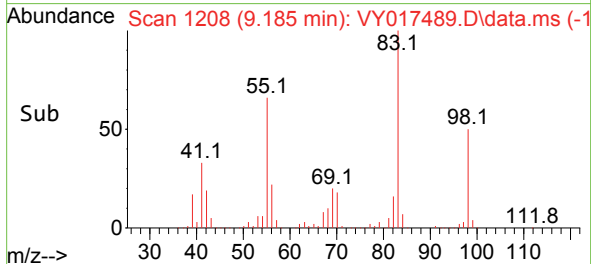
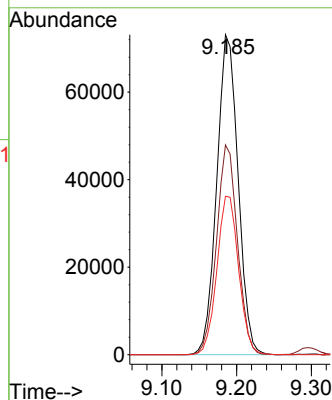
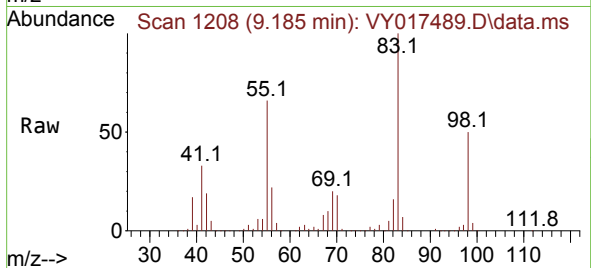
Tgt Ion: 83 Resp: 145467

Ion Ratio Lower Upper

83 100

55 65.5 51.5 77.3

98 49.5 40.5 60.7



#40

Benzene

Concen: 53.200 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY017489.D

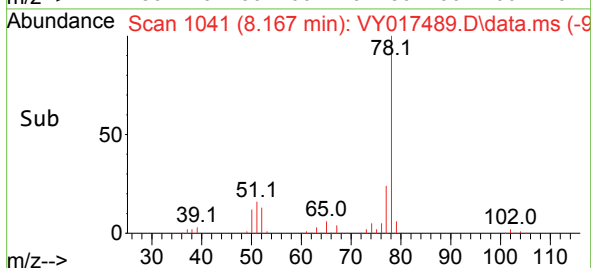
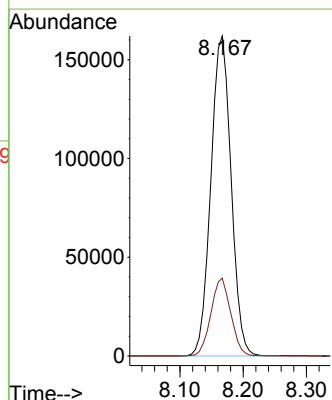
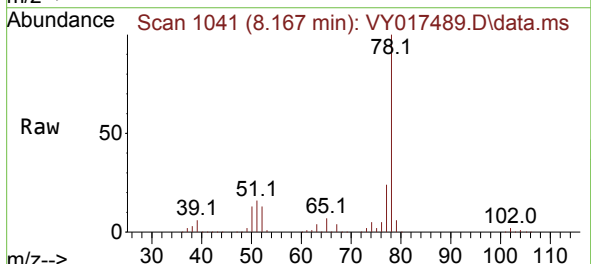
Acq: 27 Feb 2024 10:20

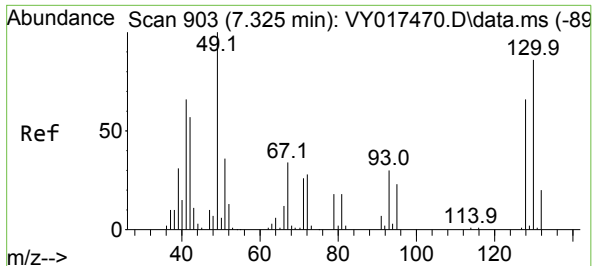
Tgt Ion: 78 Resp: 359699

Ion Ratio Lower Upper

78 100

77 24.3 19.5 29.3

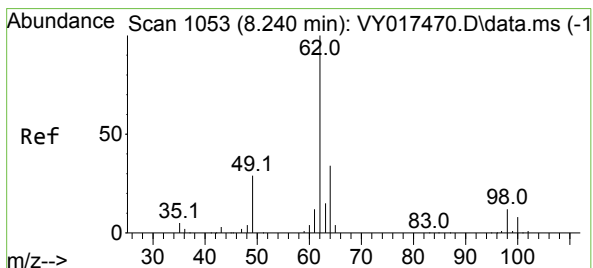
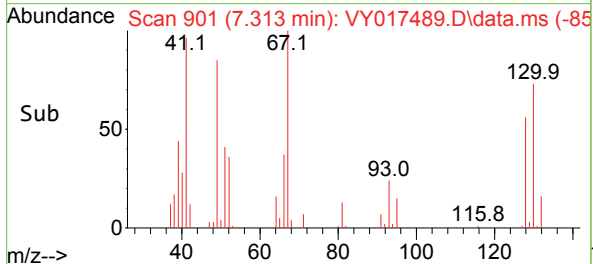
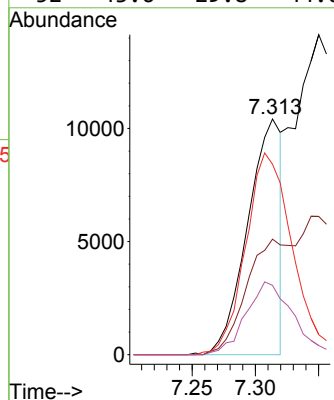
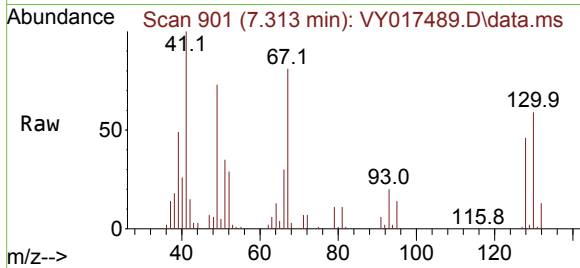




#41
Methacrylonitrile
Concen: 43.084 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

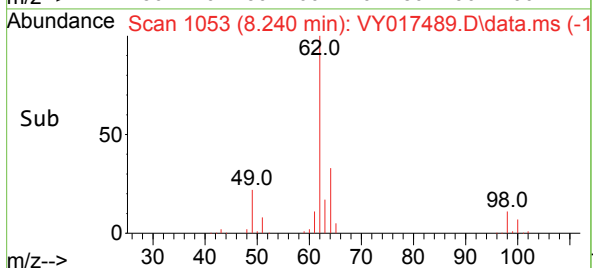
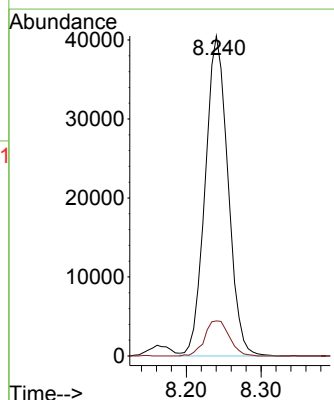
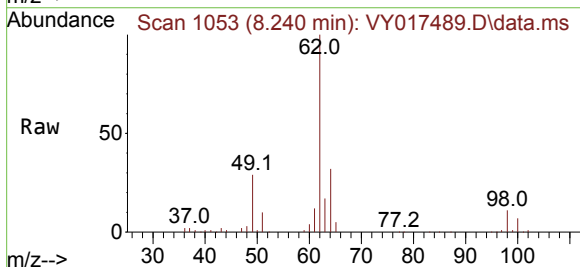
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

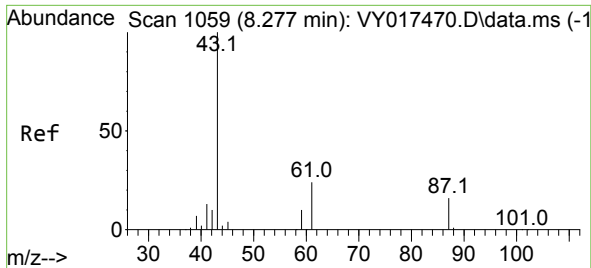
Tgt Ion: 41 Resp: 19441
Ion Ratio Lower Upper
41 100
39 69.2 48.0 72.0
67 118.1 75.1 112.7#
52 43.6 29.8 44.6



#42
1,2-Dichloroethane
Concen: 52.158 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

Tgt Ion: 62 Resp: 86042
Ion Ratio Lower Upper
62 100
98 11.8 0.0 22.0

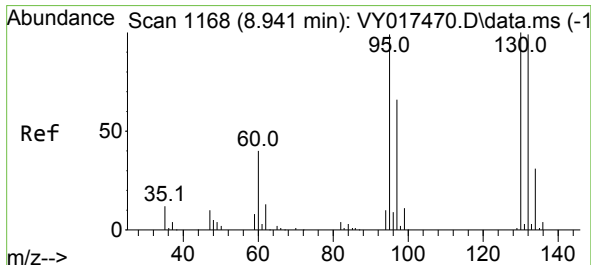
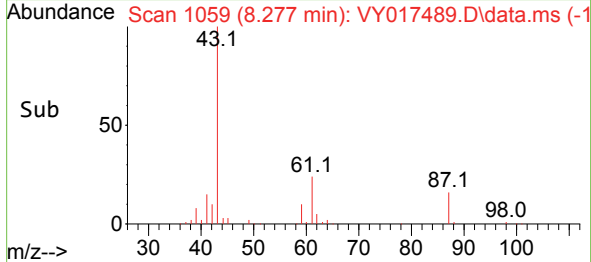
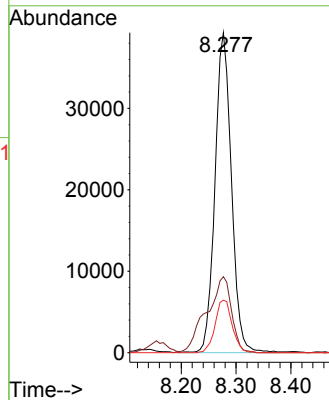
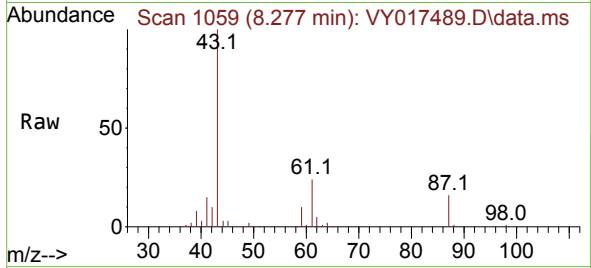




#43
Isopropyl Acetate
Concen: 51.785 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

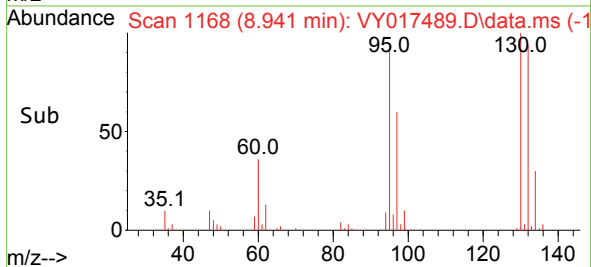
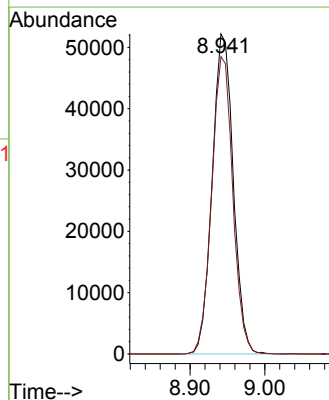
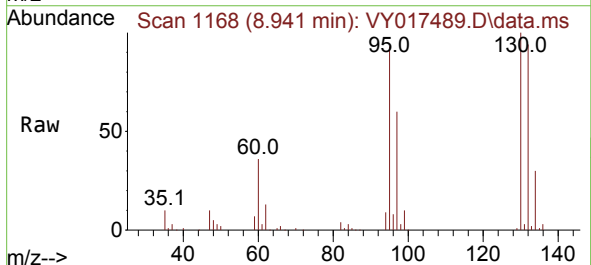
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

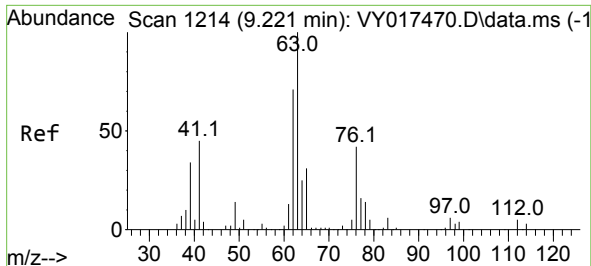
Tgt Ion: 43 Resp: 81828
Ion Ratio Lower Upper
43 100
61 35.8 27.9 41.9
87 17.1 13.1 19.7



#44
Trichloroethene
Concen: 52.416 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

Tgt Ion:130 Resp: 102147
Ion Ratio Lower Upper
130 100
95 92.9 0.0 188.0

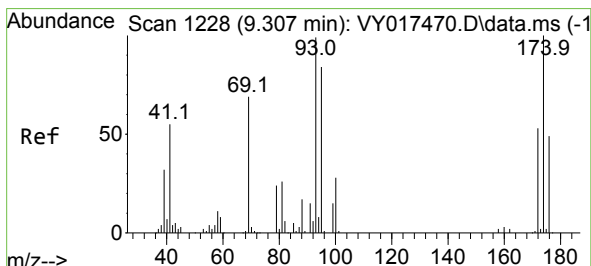
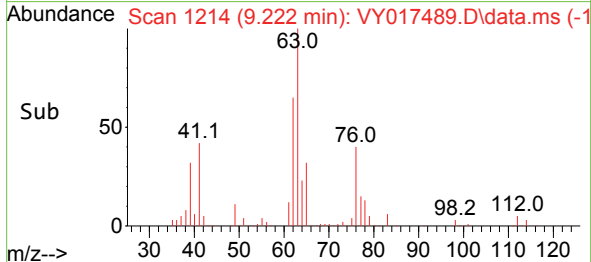
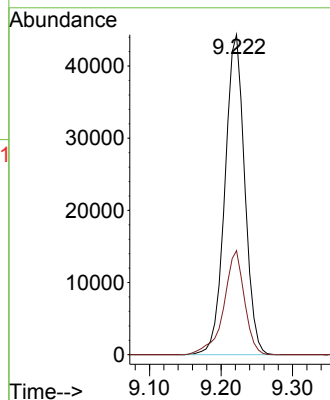
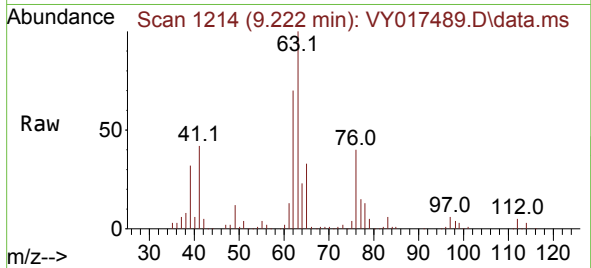




#45
1,2-Dichloropropane
Concen: 52.832 ug/l
RT: 9.222 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

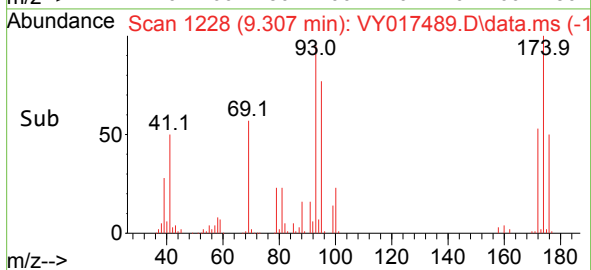
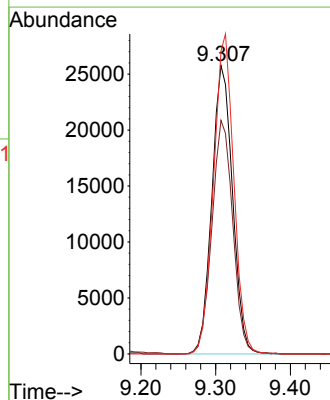
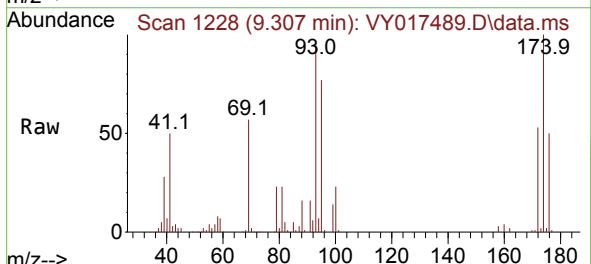
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

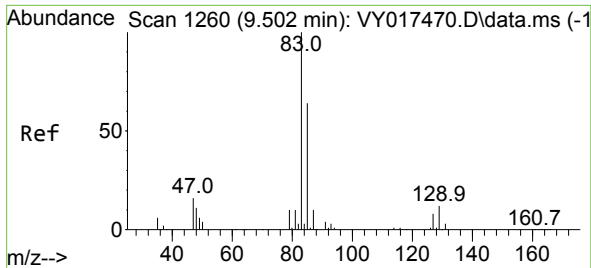
Tgt Ion: 63 Resp: 84985
Ion Ratio Lower Upper
63 100
65 32.5 25.4 38.2



#46
Dibromomethane
Concen: 53.882 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

Tgt Ion: 93 Resp: 49604
Ion Ratio Lower Upper
93 100
95 81.8 66.2 99.4
174 108.8 80.9 121.3

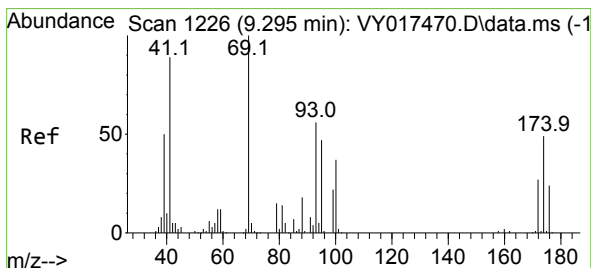
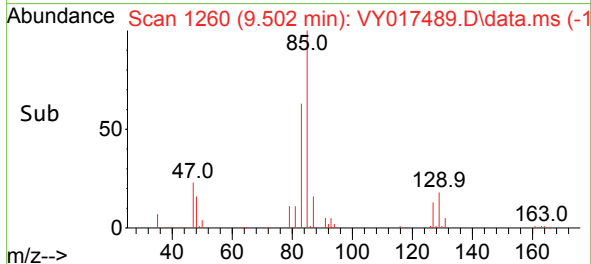
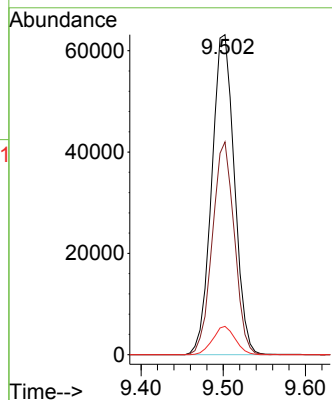
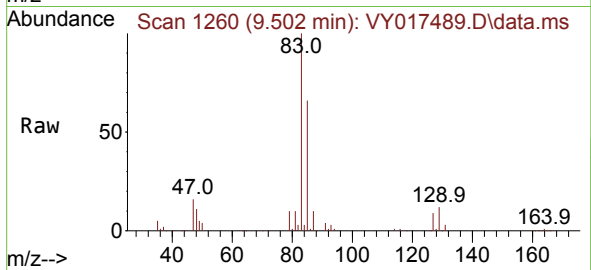




#47
Bromodichloromethane
Concen: 54.055 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

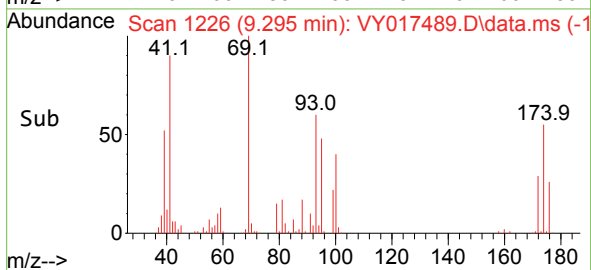
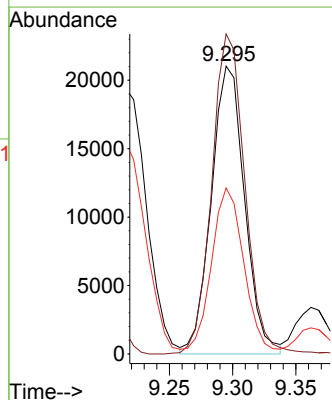
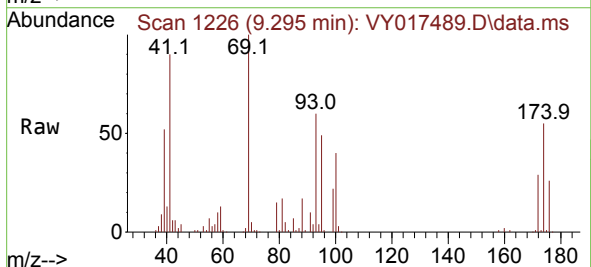
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

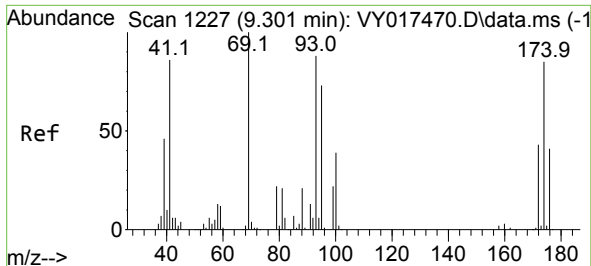
Tgt Ion: 83 Resp: 120828
Ion Ratio Lower Upper
83 100
85 66.5 50.1 75.1
127 8.8 7.4 11.0



#48
Methyl methacrylate
Concen: 52.769 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

Tgt Ion: 41 Resp: 38596
Ion Ratio Lower Upper
41 100
69 110.3 84.1 126.1
39 53.3 43.6 65.4

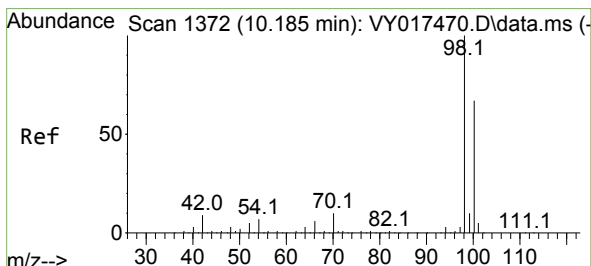
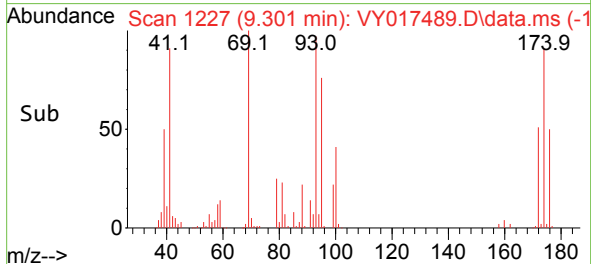
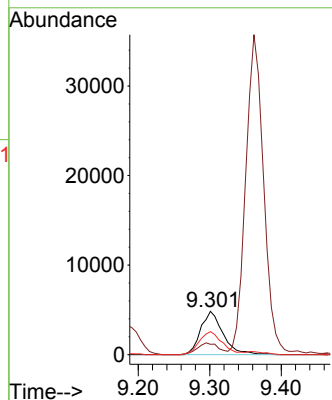
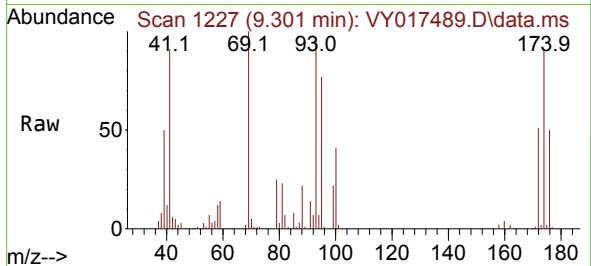




#49
1,4-Dioxane
Concen: 1012.997 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

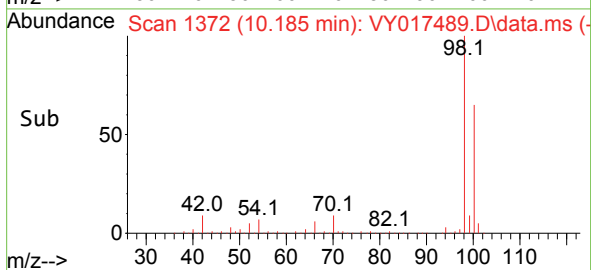
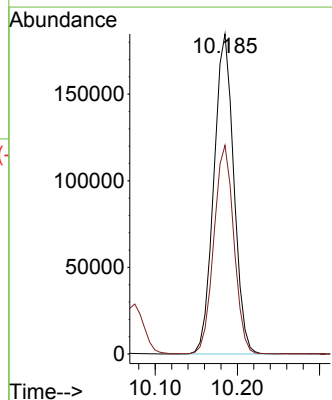
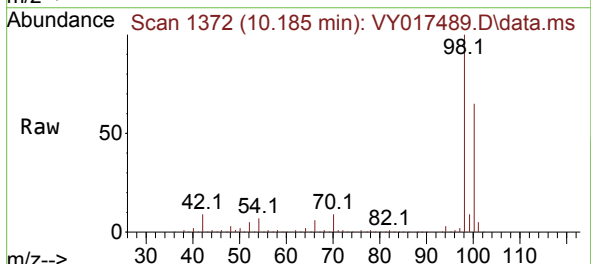
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

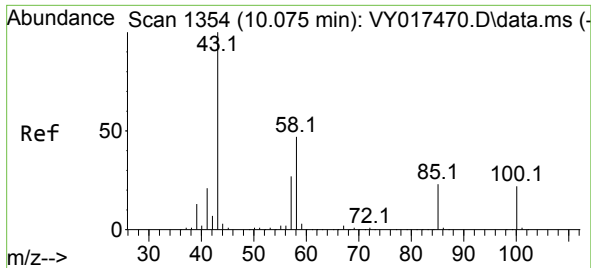
Tgt Ion: 88 Resp: 10554
Ion Ratio Lower Upper
88 100
43 26.5 0.0 0.0#
58 55.6 49.3 73.9



#50
Toluene-d8
Concen: 52.749 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

Tgt Ion: 98 Resp: 311213
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

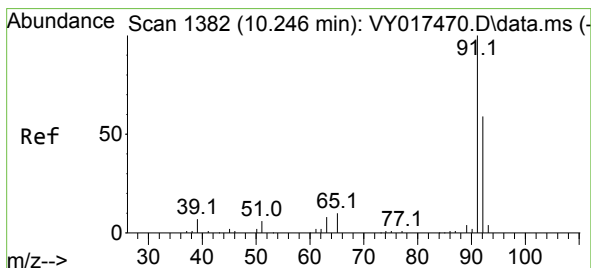
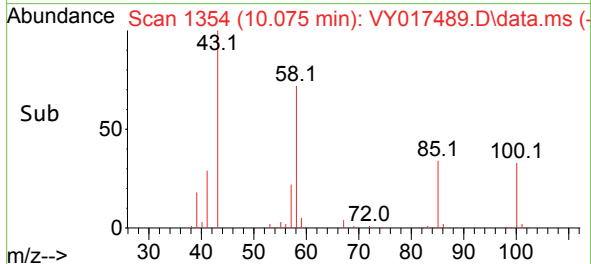
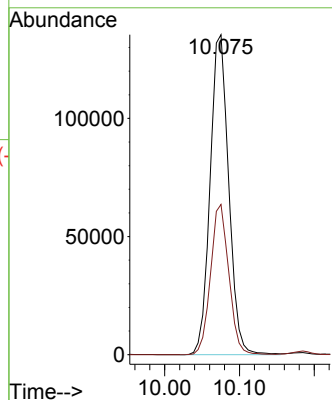
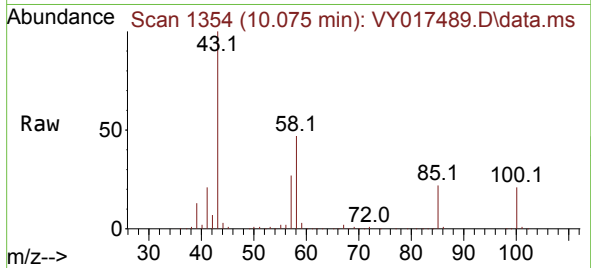




#51
4-Methyl-2-Pentanone
Concen: 265.724 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

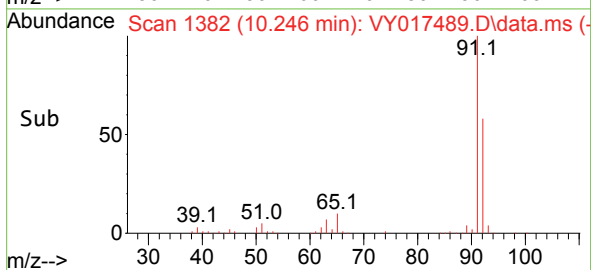
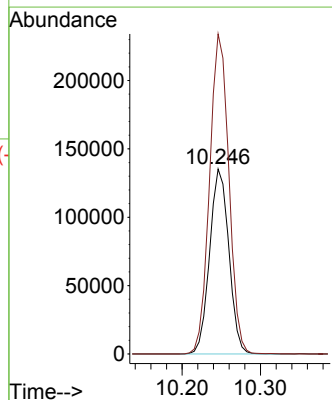
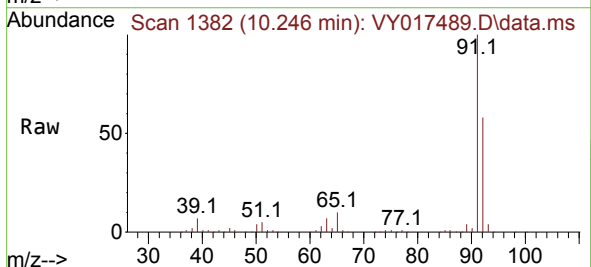
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

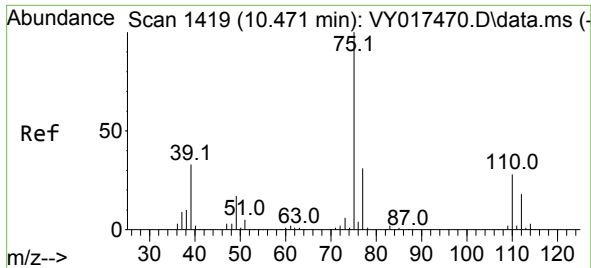
Tgt Ion: 43 Resp: 234014
Ion Ratio Lower Upper
43 100
58 46.1 35.7 53.5



#52
Toluene
Concen: 54.031 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

Tgt Ion: 92 Resp: 230299
Ion Ratio Lower Upper
92 100
91 173.5 139.0 208.6

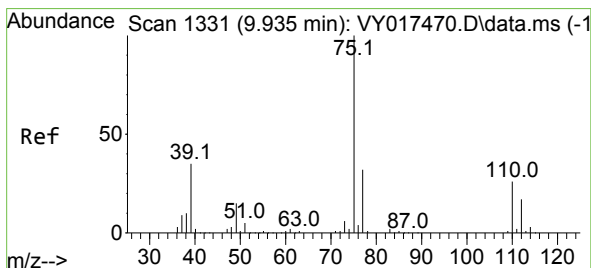
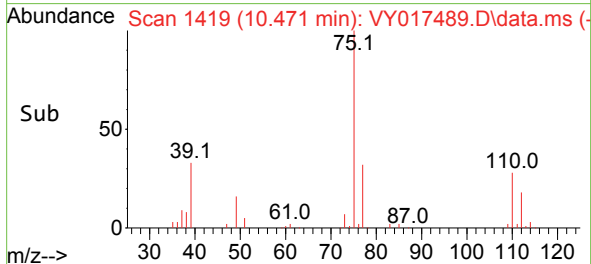
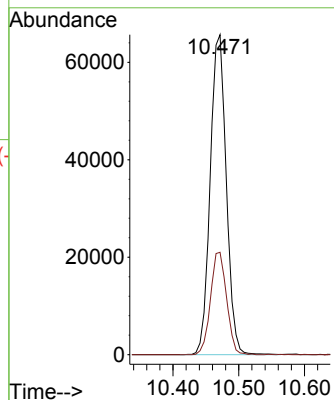
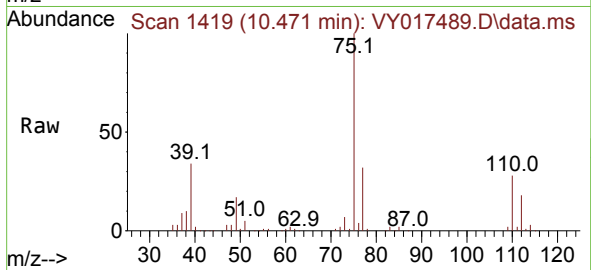




#53
 t-1,3-Dichloropropene
 Concen: 53.806 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017489.D
 Acq: 27 Feb 2024 10:20

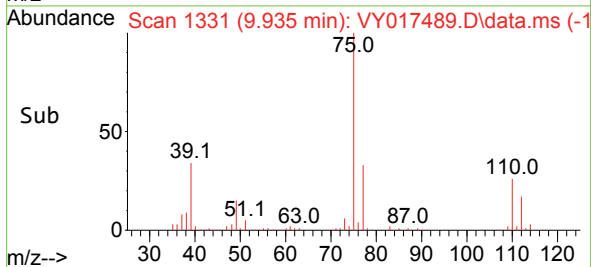
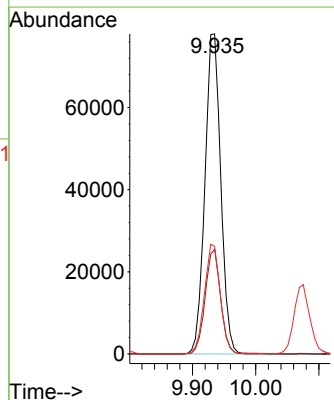
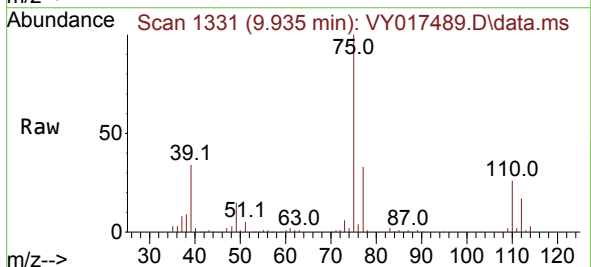
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

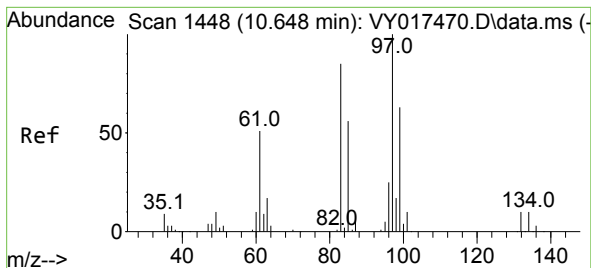
Tgt Ion: 75 Resp: 111634
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 53.987 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY017489.D
 Acq: 27 Feb 2024 10:20

Tgt Ion: 75 Resp: 136101
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.4 38.0
 39 33.6 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 53.679 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY017489.D

Acq: 27 Feb 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 70163

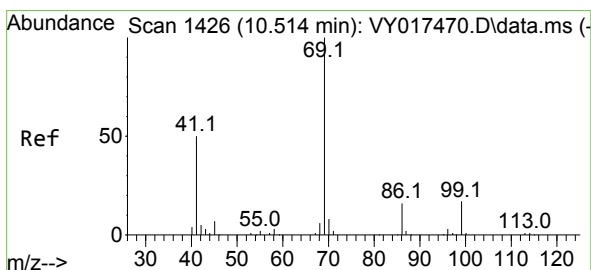
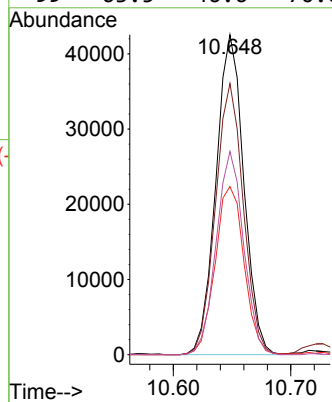
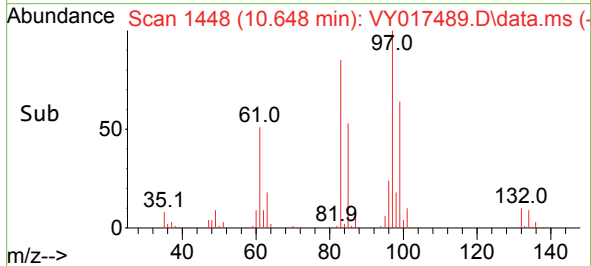
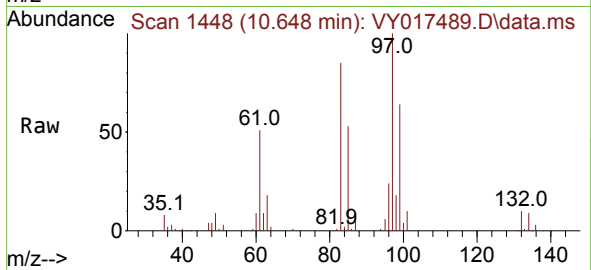
Ion Ratio Lower Upper

97 100

83 84.8 67.5 101.3

85 52.6 42.9 64.3

99 63.5 46.6 70.0



#56

Ethyl methacrylate

Concen: 50.257 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY017489.D

Acq: 27 Feb 2024 10:20

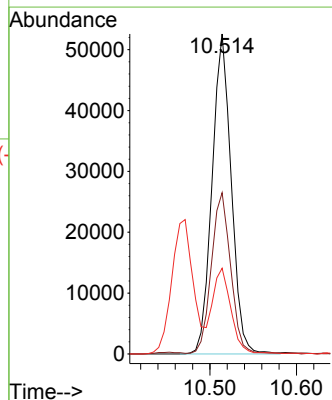
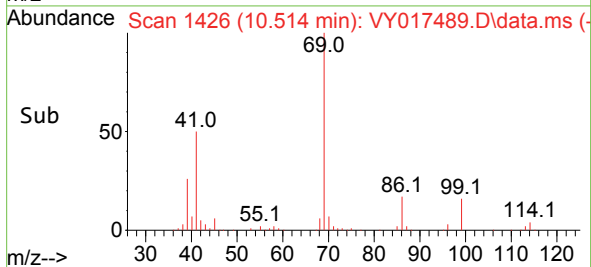
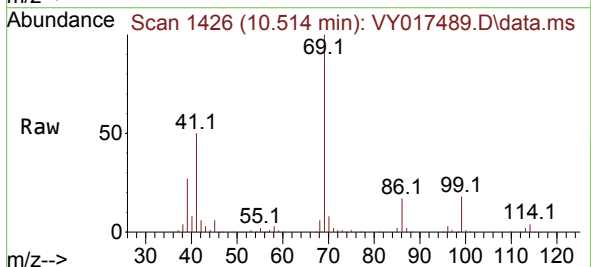
Tgt Ion: 69 Resp: 80836

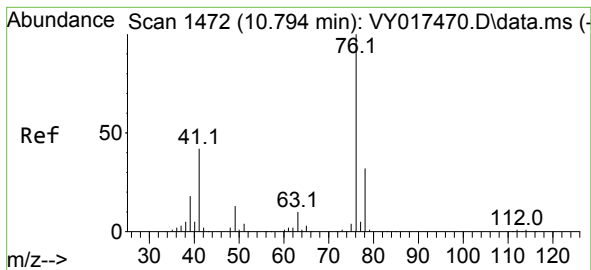
Ion Ratio Lower Upper

69 100

41 51.2 42.3 63.5

39 24.9 22.9 34.3





#57

1,3-Dichloropropane

Concen: 53.018 ug/l

RT: 10.795 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY017489.D

Acq: 27 Feb 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

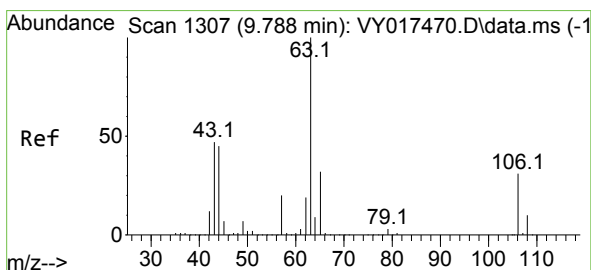
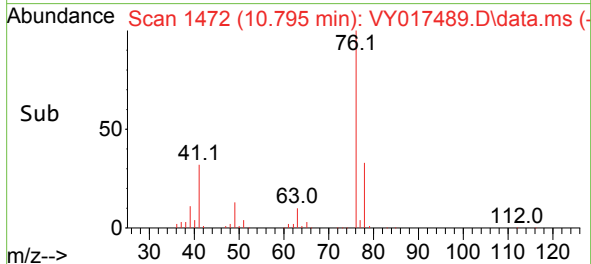
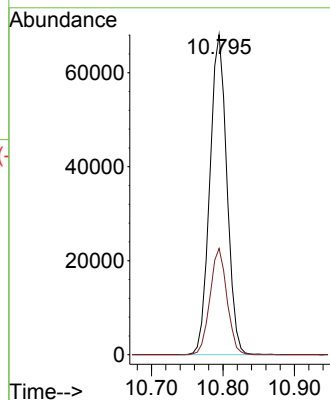
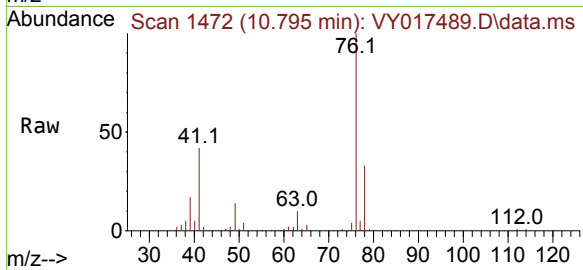
VSTDCCC050

Tgt Ion: 76 Resp: 112671

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 279.818 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY017489.D

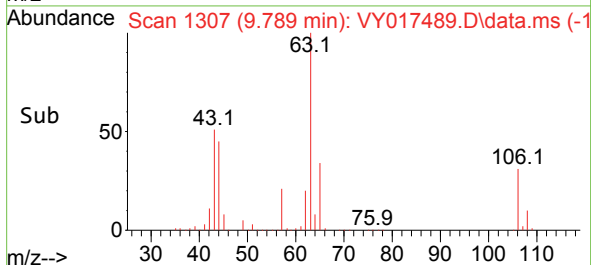
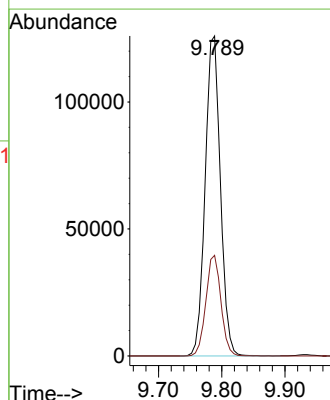
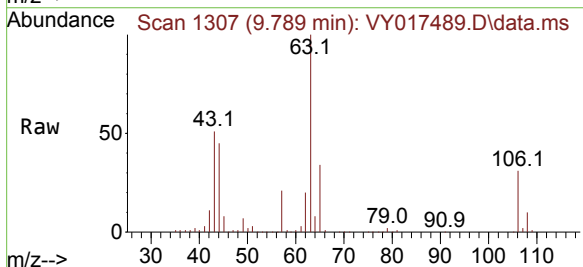
Acq: 27 Feb 2024 10:20

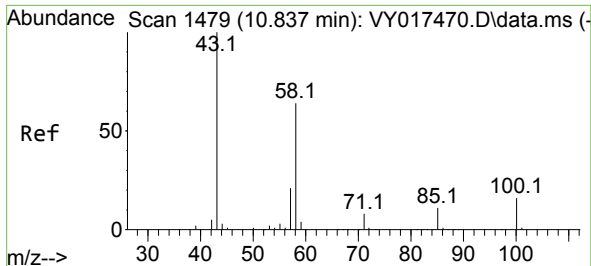
Tgt Ion: 63 Resp: 211053

Ion Ratio Lower Upper

63 100

106 31.1 23.7 35.5

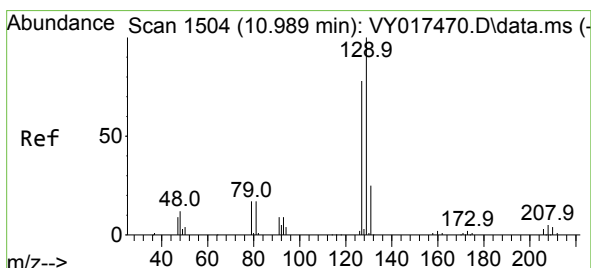
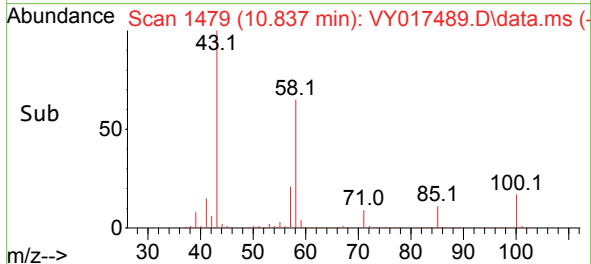
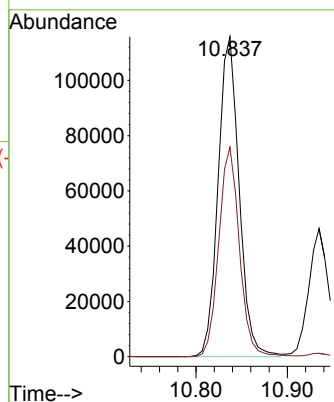
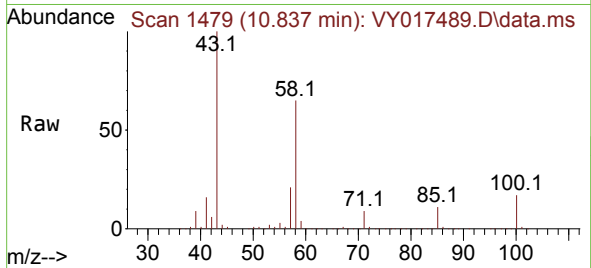




#59
2-Hexanone
Concen: 306.193 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

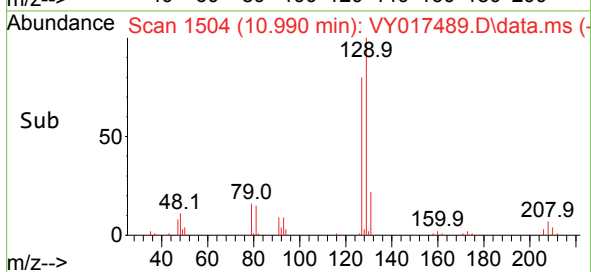
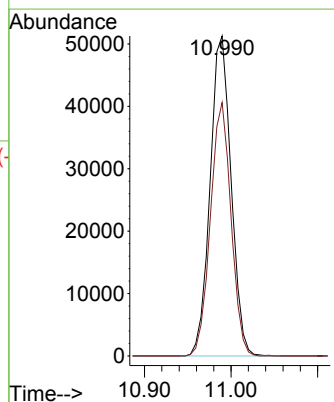
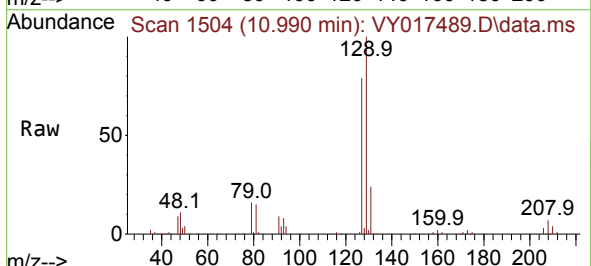
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 185220
Ion Ratio Lower Upper
43 100
58 64.3 31.4 94.0



#60
Dibromochloromethane
Concen: 55.818 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

Tgt Ion: 129 Resp: 86311
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0





#61

1,2-Dibromoethane

Concen: 54.533 ug/l

RT: 11.093 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VY017489.D

Acq: 27 Feb 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

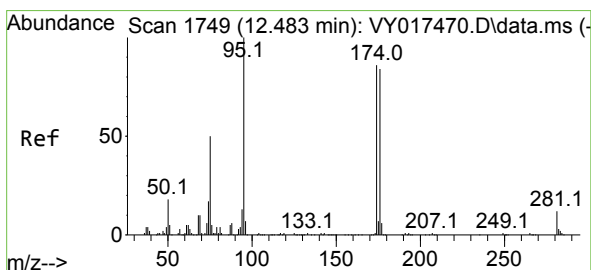
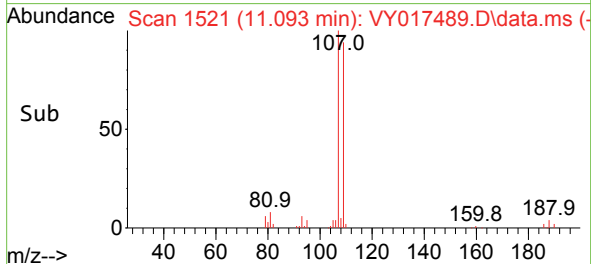
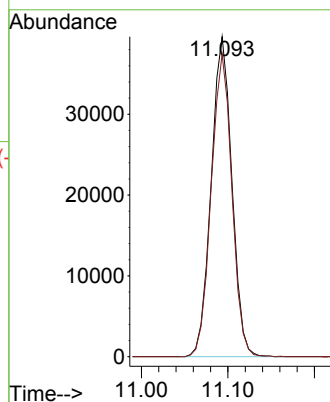
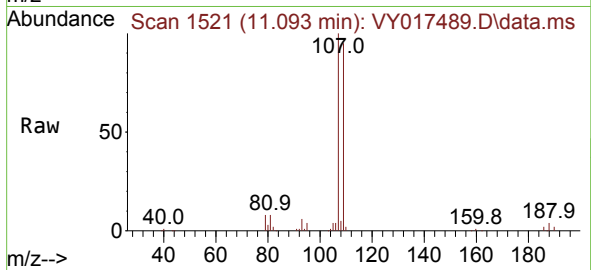
VSTDCCC050

Tgt Ion:107 Resp: 65687

Ion Ratio Lower Upper

107 100

109 94.2 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 52.836 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY017489.D

Acq: 27 Feb 2024 10:20

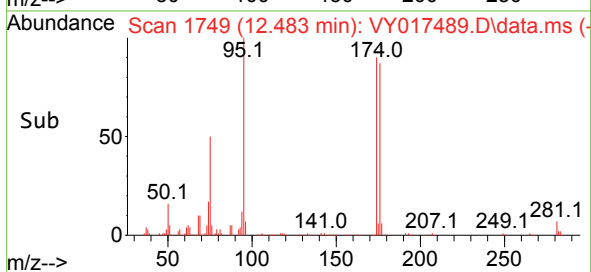
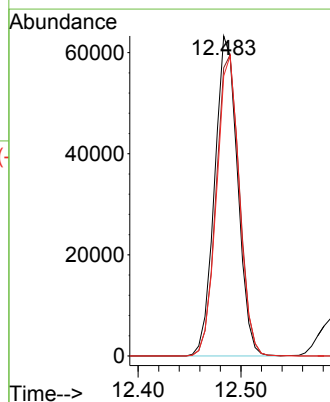
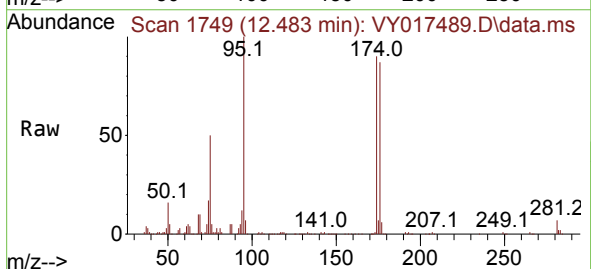
Tgt Ion: 95 Resp: 97967

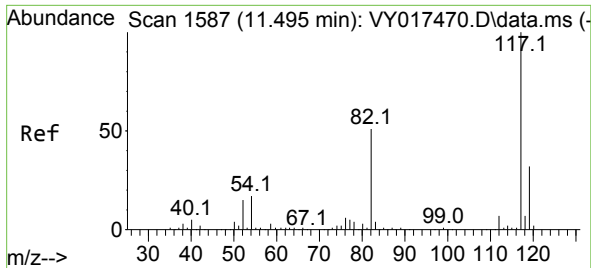
Ion Ratio Lower Upper

95 100

174 95.2 0.0 175.6

176 92.9 0.0 171.4

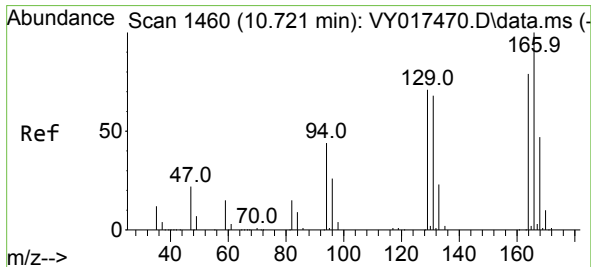
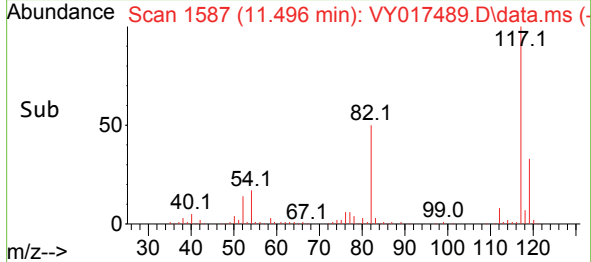
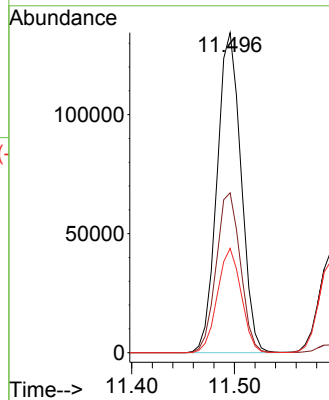
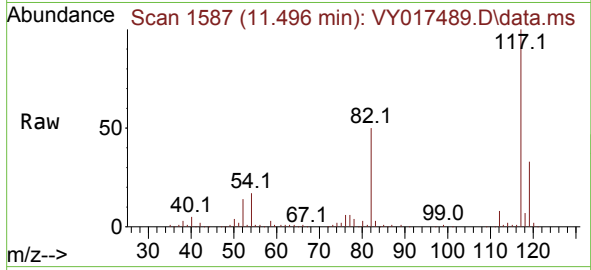




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

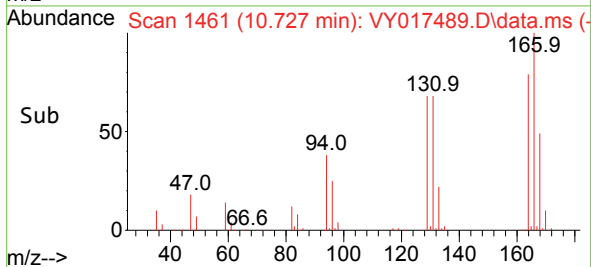
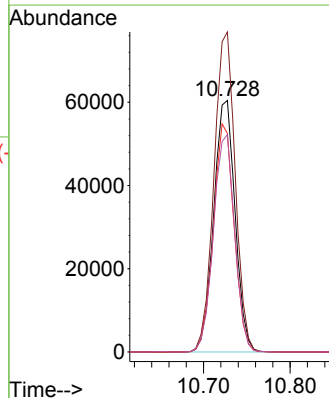
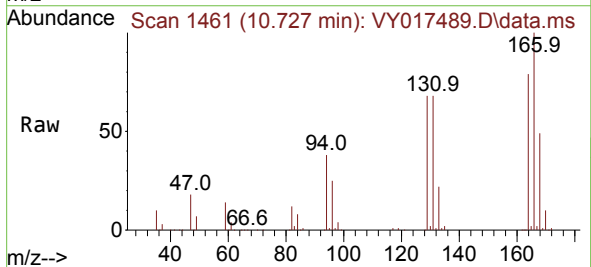
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

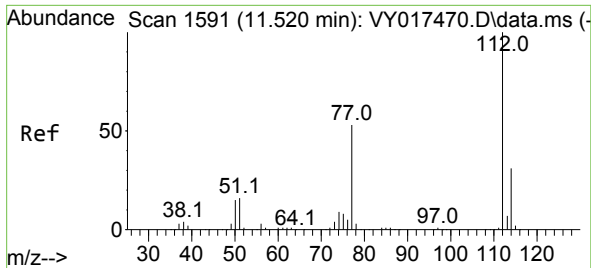
Tgt Ion:117 Resp: 217823
Ion Ratio Lower Upper
117 100
82 50.0 42.4 63.6
119 32.6 25.9 38.9



#64
Tetrachloroethene
Concen: 49.558 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

Tgt Ion:164 Resp: 103612
Ion Ratio Lower Upper
164 100
166 127.2 102.6 154.0
129 86.9 72.0 108.0
131 86.5 70.0 105.0

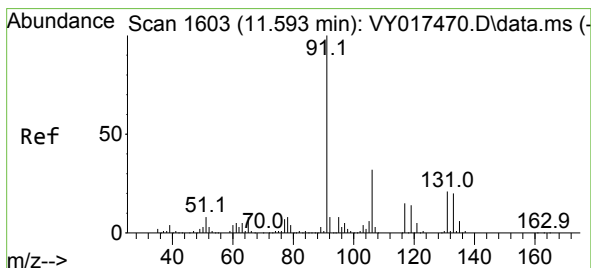
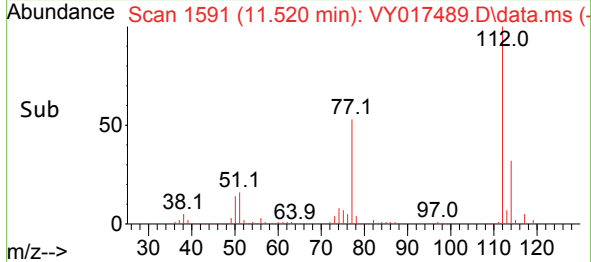
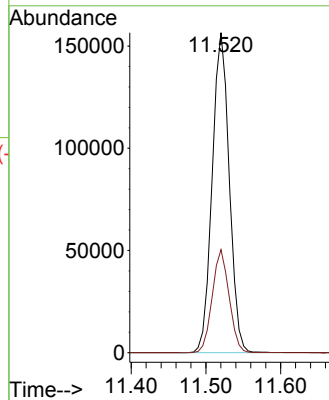
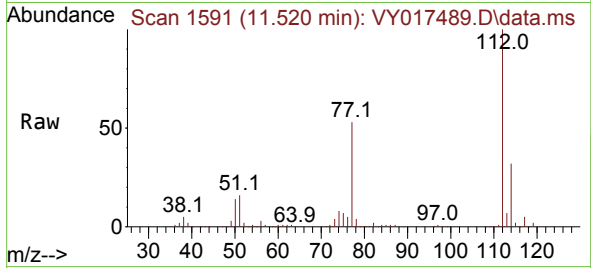




#65
Chlorobenzene
Concen: 53.819 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

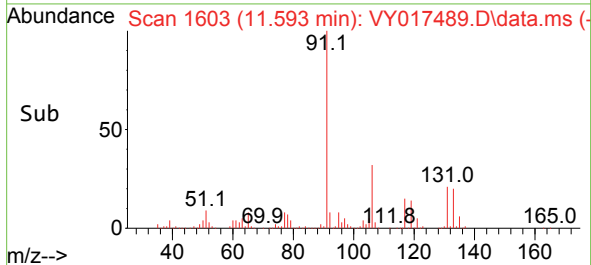
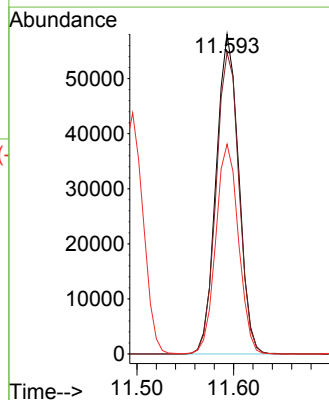
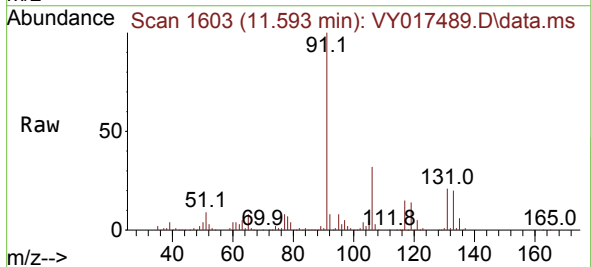
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

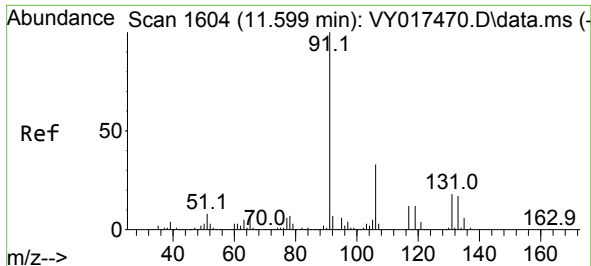
Tgt Ion:112 Resp: 248829
Ion Ratio Lower Upper
112 100
114 32.2 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.362 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

Tgt Ion:131 Resp: 94160
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.3
119 66.0 34.1 102.2

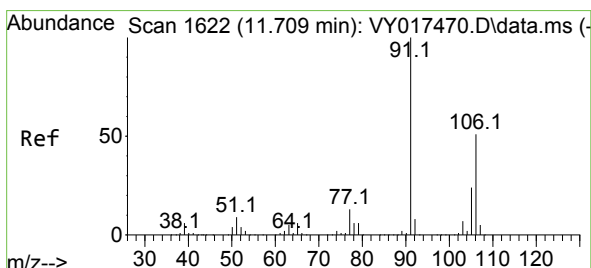
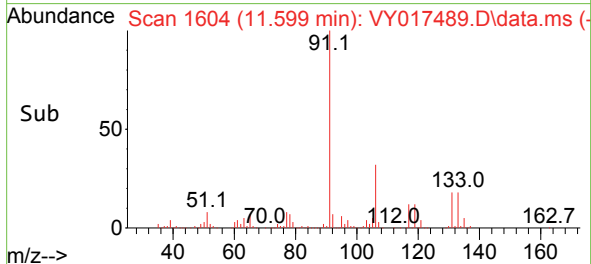
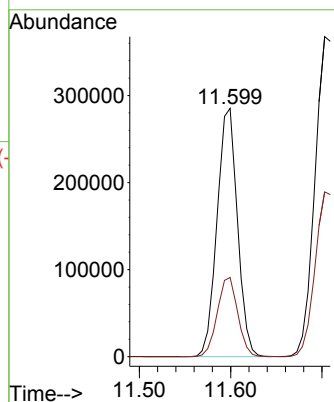
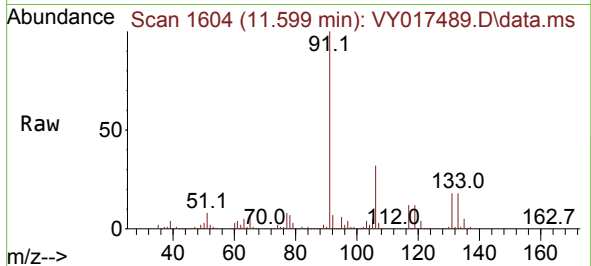




#67
Ethyl Benzene
Concen: 54.578 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

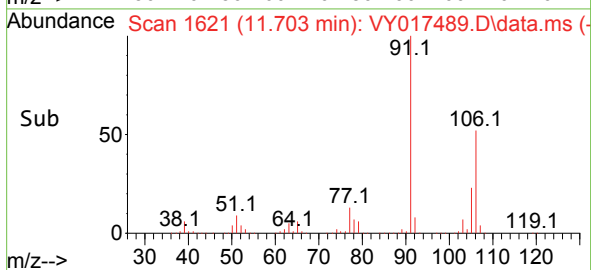
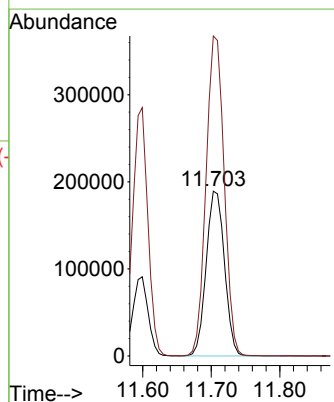
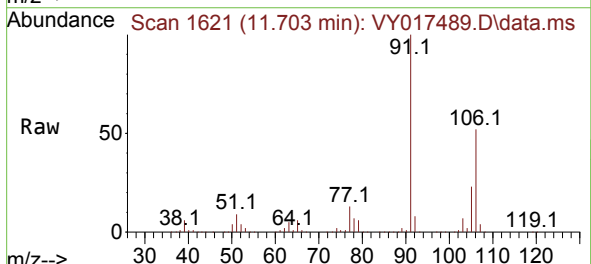
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

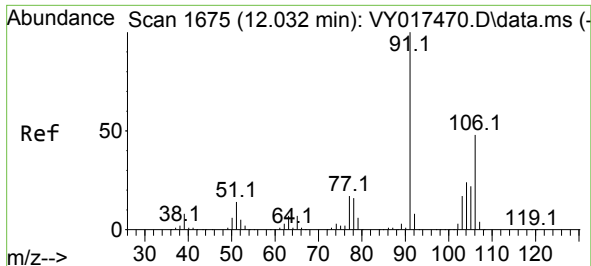
Tgt Ion: 91 Resp: 442537
Ion Ratio Lower Upper
91 100
106 31.9 24.5 36.7



#68
m/p-Xylenes
Concen: 110.125 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

Tgt Ion: 106 Resp: 350870
Ion Ratio Lower Upper
106 100
91 192.7 156.0 234.0

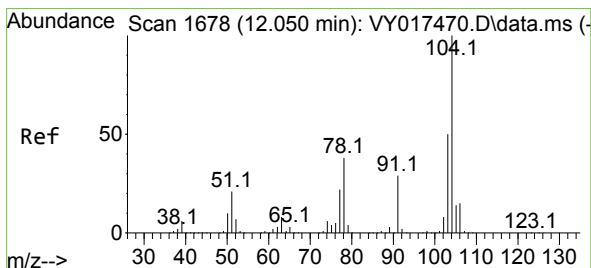
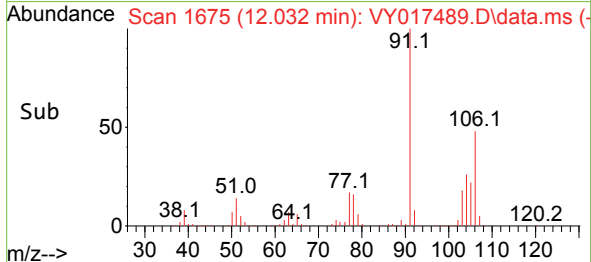
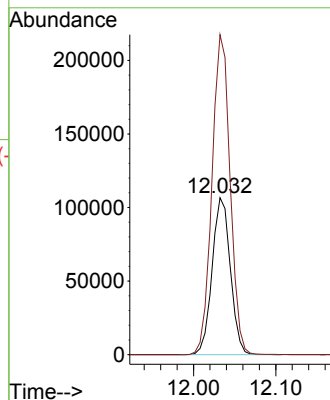
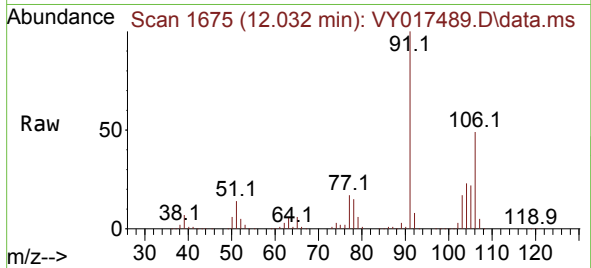




#69
o-Xylene
Concen: 55.556 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

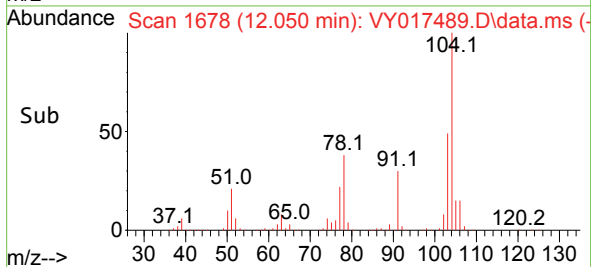
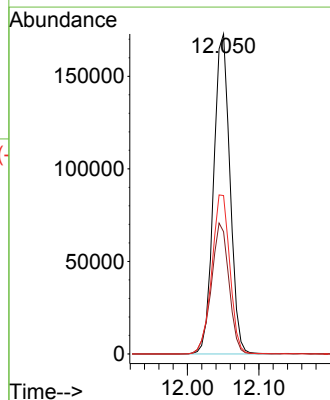
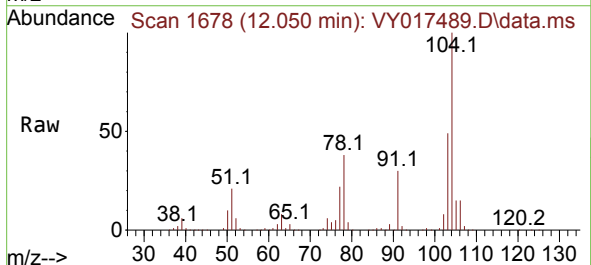
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

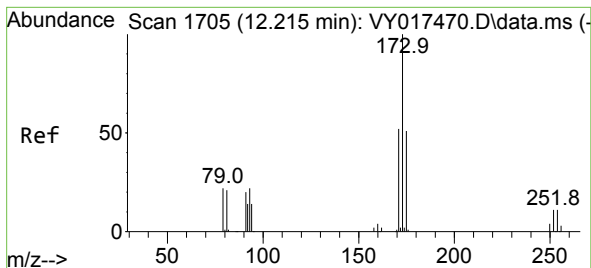
Tgt Ion:106 Resp: 164216
Ion Ratio Lower Upper
106 100
91 203.0 103.6 310.8



#70
Styrene
Concen: 55.886 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

Tgt Ion:104 Resp: 274200
Ion Ratio Lower Upper
104 100
78 44.2 37.0 55.4
103 55.0 44.2 66.2





#71

Bromoform

Concen: 56.405 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY017489.D

Acq: 27 Feb 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

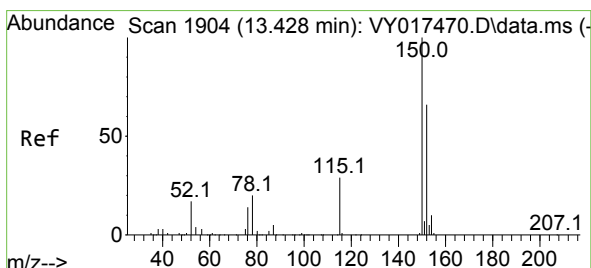
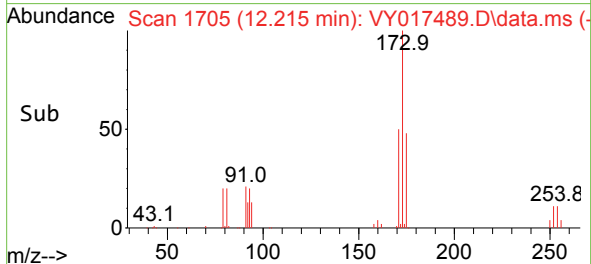
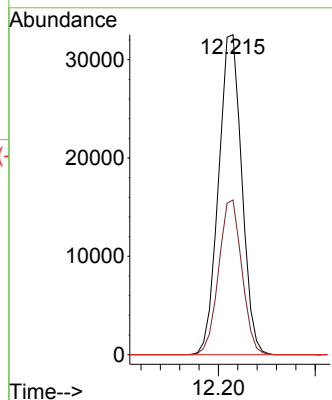
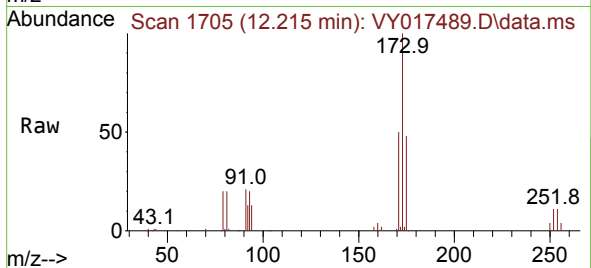
Tgt Ion:173 Resp: 54140

Ion Ratio Lower Upper

173 100

175 48.4 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: VY017489.D

Acq: 27 Feb 2024 10:20

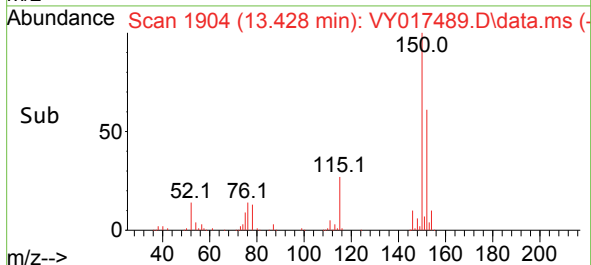
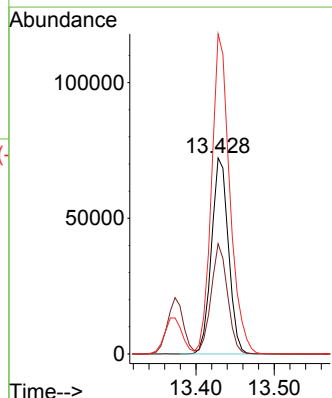
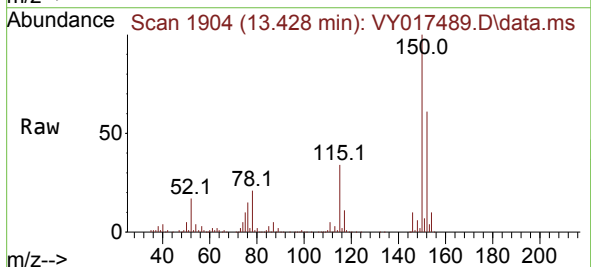
Tgt Ion:152 Resp: 108662

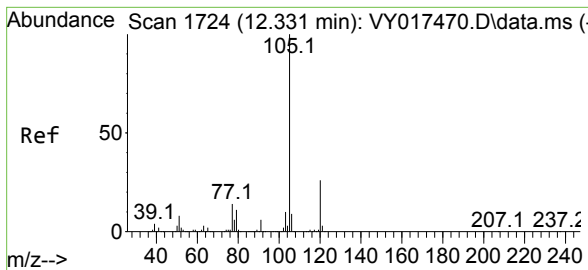
Ion Ratio Lower Upper

152 100

115 54.5 28.2 84.7

150 175.5 0.0 345.6





#73

Isopropylbenzene

Concen: 52.731 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017489.D

Acq: 27 Feb 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

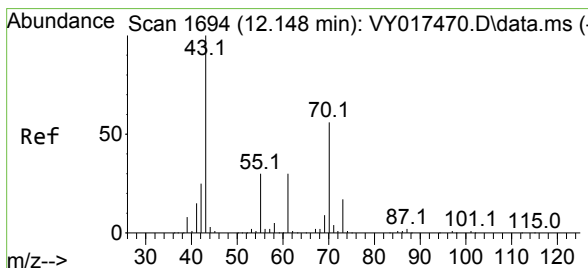
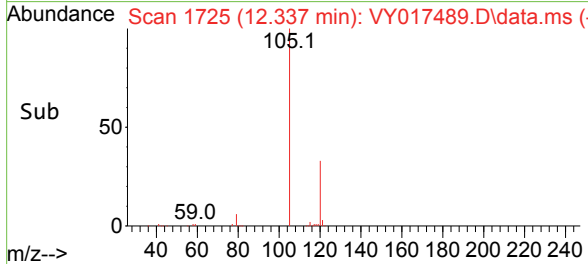
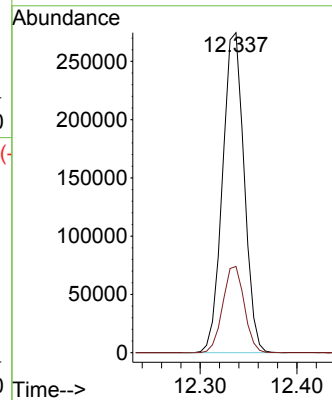
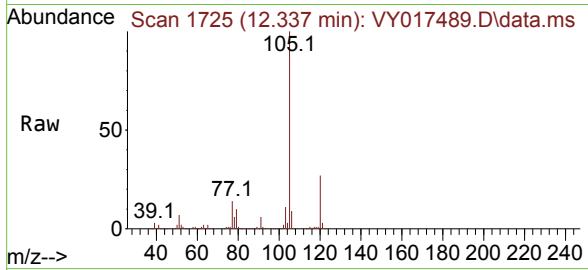
VSTDCCC050

Tgt Ion:105 Resp: 425692

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.1



#74

N-ethyl acetate

Concen: 51.665 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY017489.D

Acq: 27 Feb 2024 10:20

Tgt Ion: 43 Resp: 73562

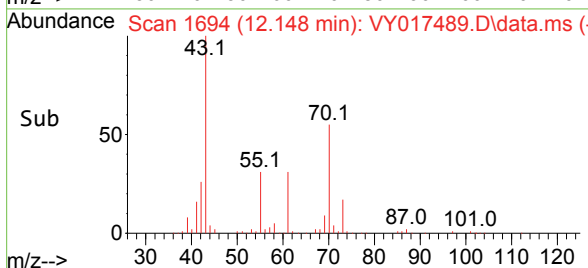
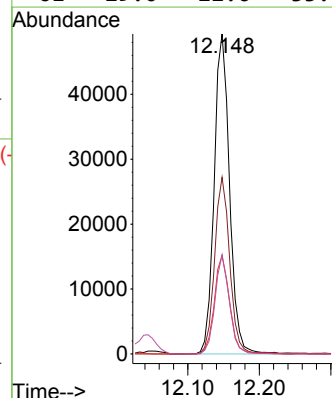
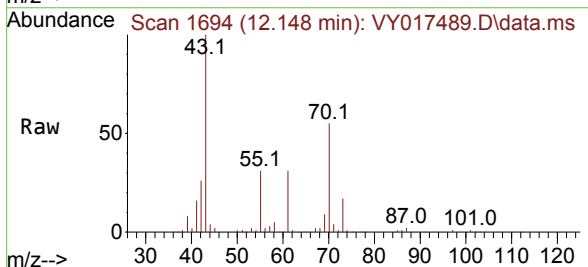
Ion Ratio Lower Upper

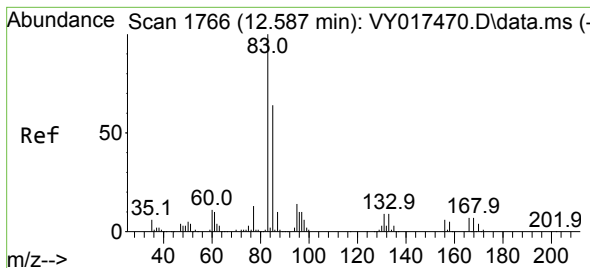
43 100

70 54.6 41.4 62.2

55 30.8 23.3 34.9

61 29.0 22.6 33.8

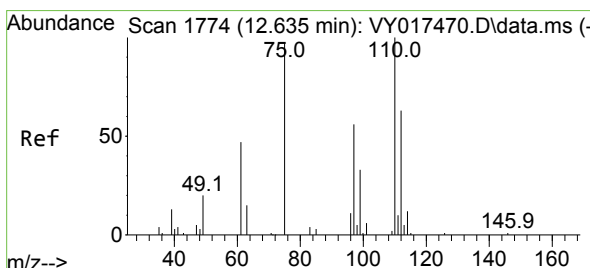
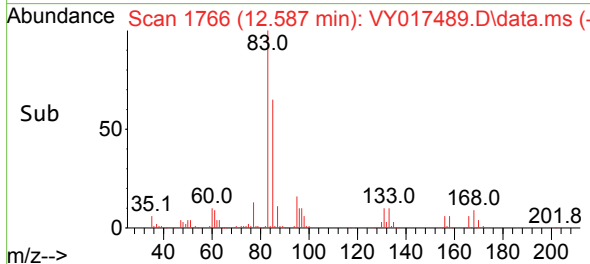
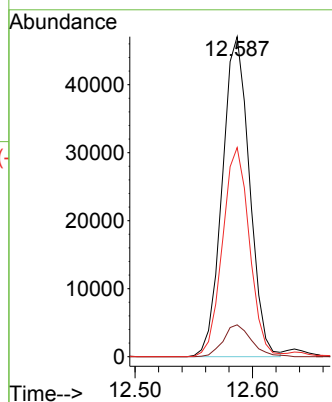
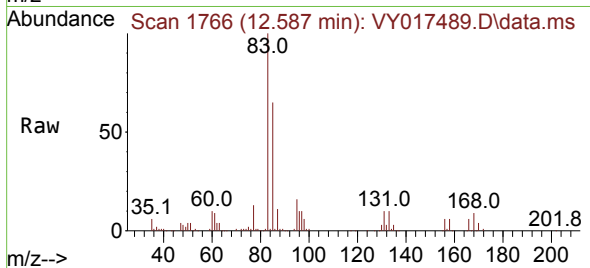




#75
1,1,2,2-Tetrachloroethane
Concen: 54.632 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

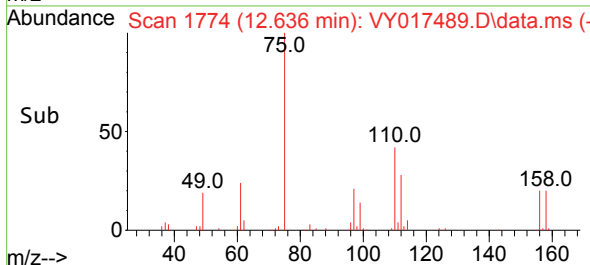
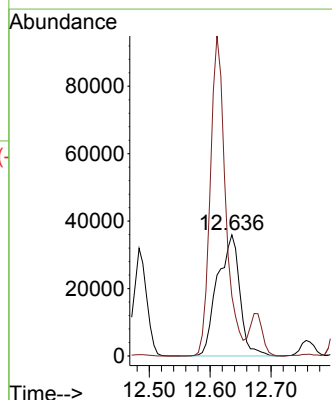
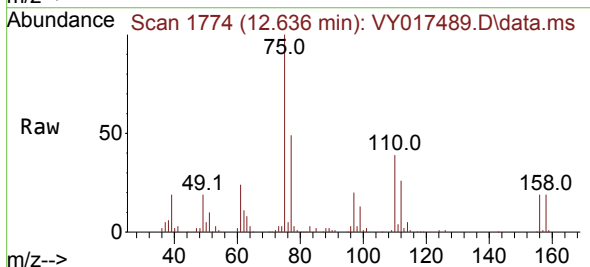
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

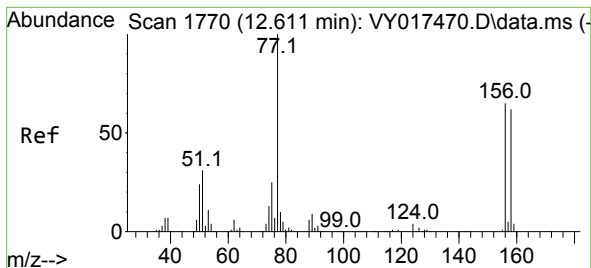
Tgt Ion: 83 Resp: 75736
Ion Ratio Lower Upper
83 100
131 10.3 5.0 14.9
85 64.6 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 88.866 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

Tgt Ion: 75 Resp: 91750
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.105 ug/l

RT: 12.611 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017489.D

Acq: 27 Feb 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

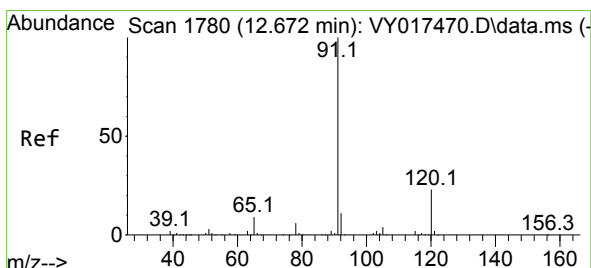
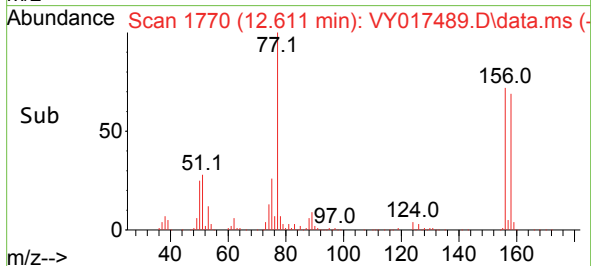
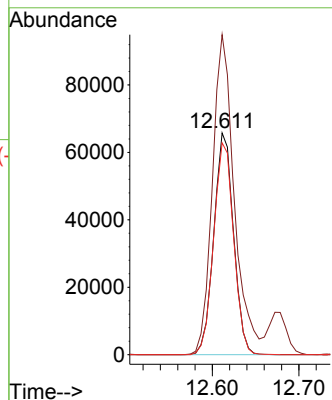
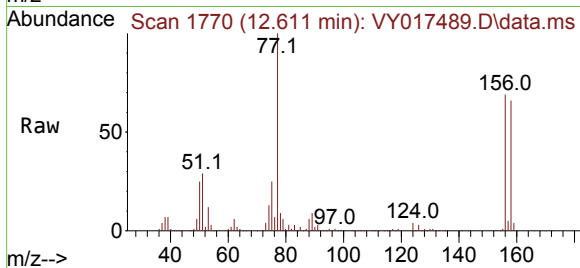
Tgt Ion:156 Resp: 103820

Ion Ratio Lower Upper

156 100

77 159.6 87.1 261.3

158 97.1 48.6 145.9



#78

n-propylbenzene

Concen: 53.524 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY017489.D

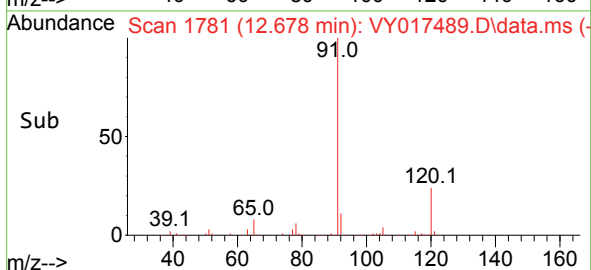
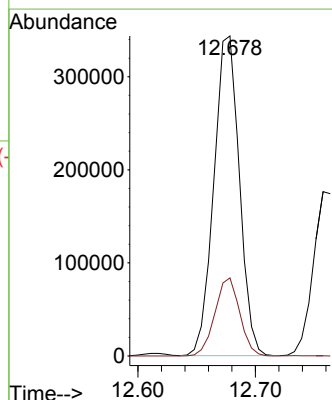
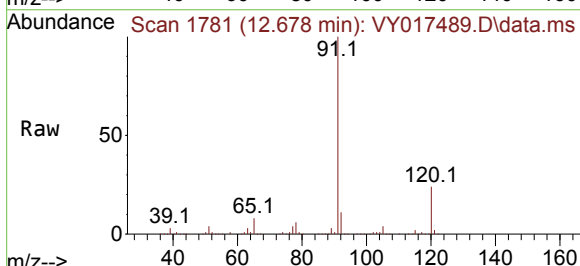
Acq: 27 Feb 2024 10:20

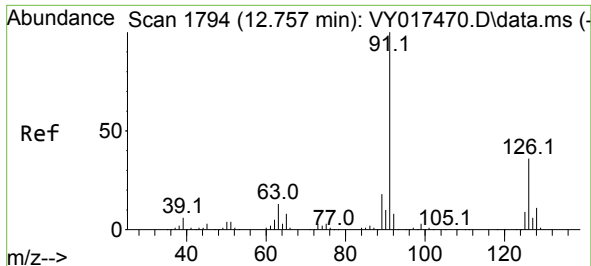
Tgt Ion: 91 Resp: 518468

Ion Ratio Lower Upper

91 100

120 23.8 11.5 34.4

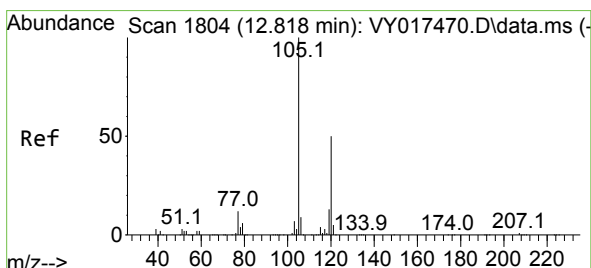
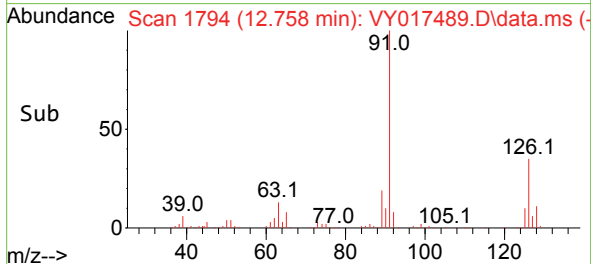
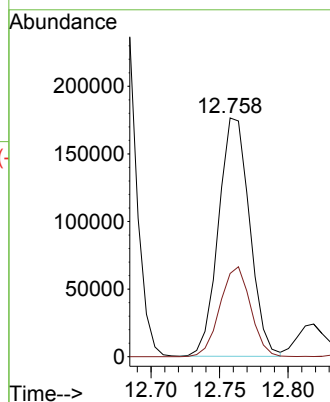
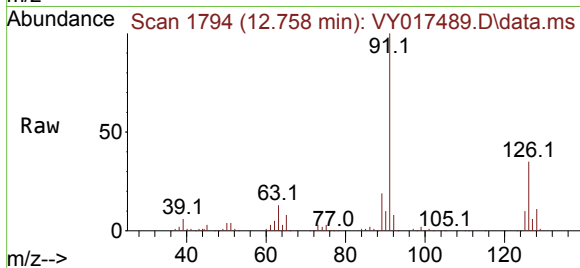




#79
2-Chlorotoluene
Concen: 51.547 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

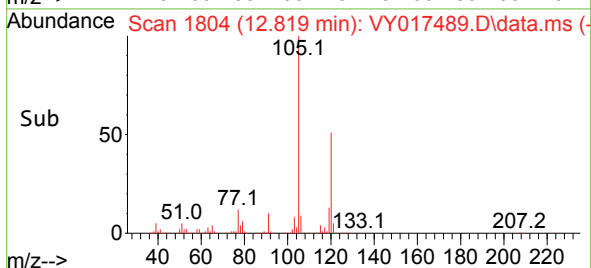
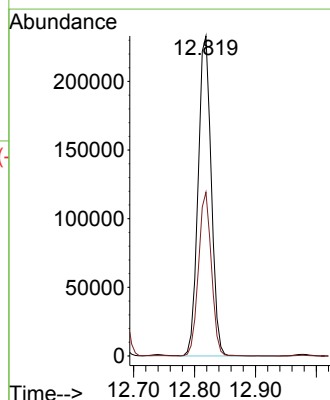
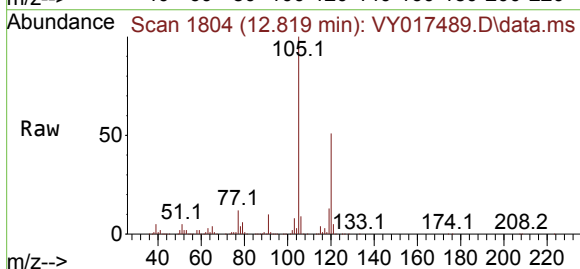
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

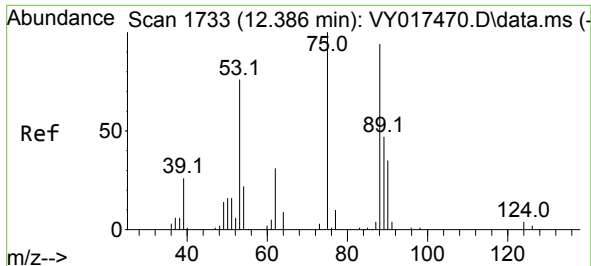
Tgt Ion: 91 Resp: 279553
Ion Ratio Lower Upper
91 100
126 37.1 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 53.751 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

Tgt Ion: 105 Resp: 347644
Ion Ratio Lower Upper
105 100
120 50.4 25.1 75.2

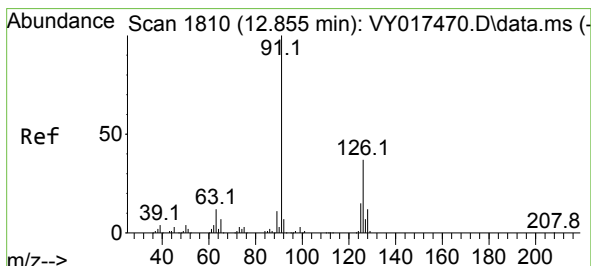
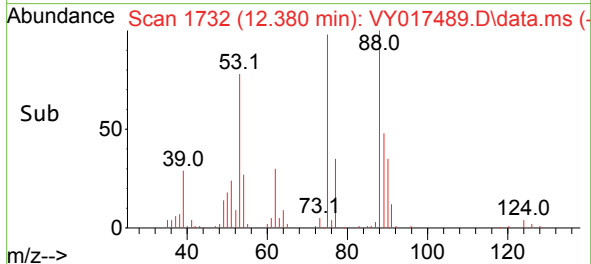
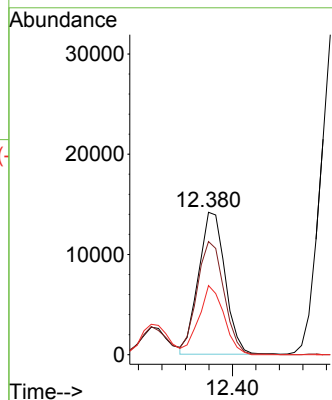
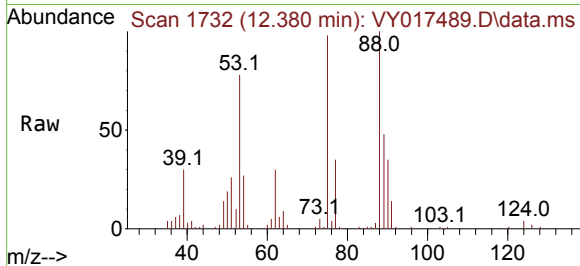




#81
trans-1,4-Dichloro-2-butene
Concen: 49.592 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

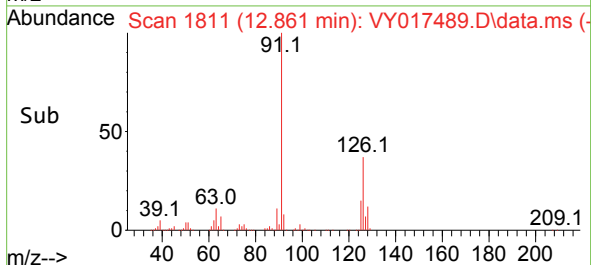
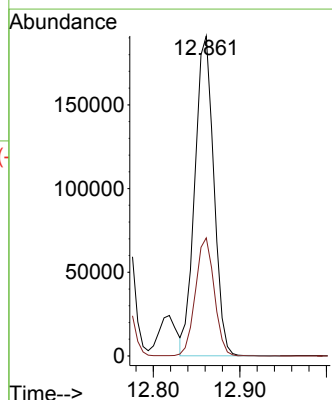
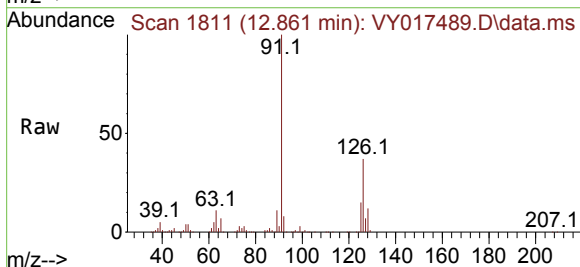
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

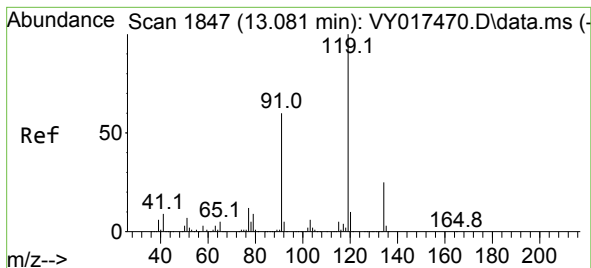
Tgt Ion: 75 Resp: 22283
Ion Ratio Lower Upper
75 100
53 81.3 66.8 100.2
89 46.1 35.8 53.6



#82
4-Chlorotoluene
Concen: 52.233 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

Tgt Ion: 91 Resp: 289740
Ion Ratio Lower Upper
91 100
126 36.7 17.6 52.9





#83

tert-Butylbenzene

Concen: 53.812 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY017489.D

Acq: 27 Feb 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

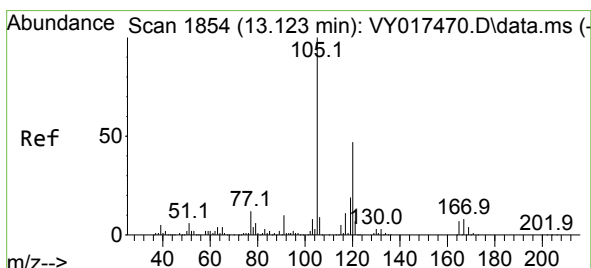
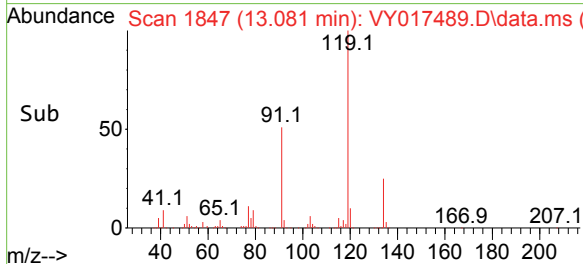
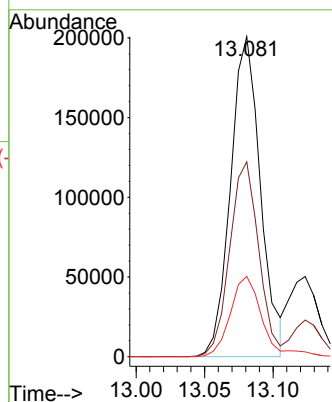
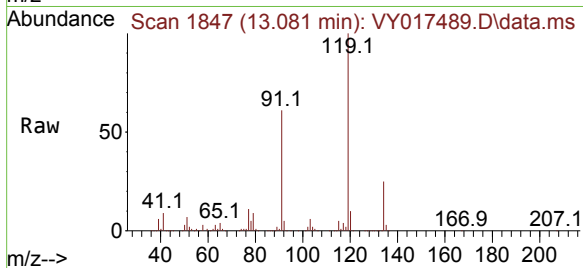
Tgt Ion:119 Resp: 305620

Ion Ratio Lower Upper

119 100

91 59.2 31.3 93.8

134 26.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 54.234 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY017489.D

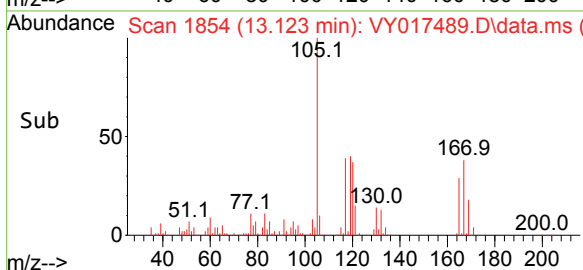
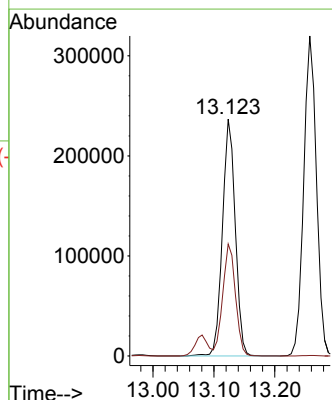
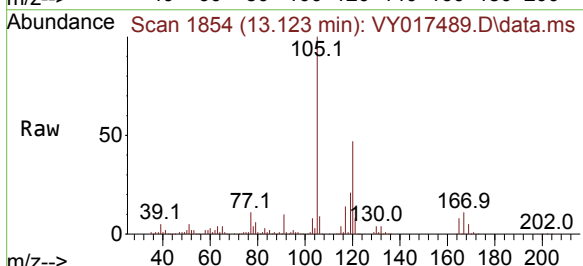
Acq: 27 Feb 2024 10:20

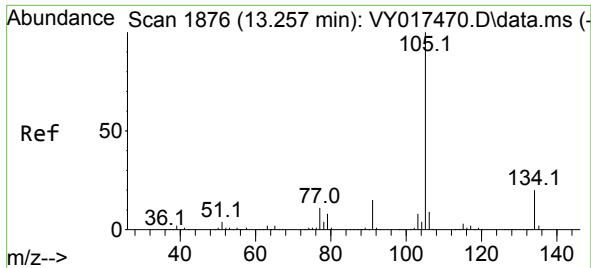
Tgt Ion:105 Resp: 346296

Ion Ratio Lower Upper

105 100

120 46.8 23.2 69.6

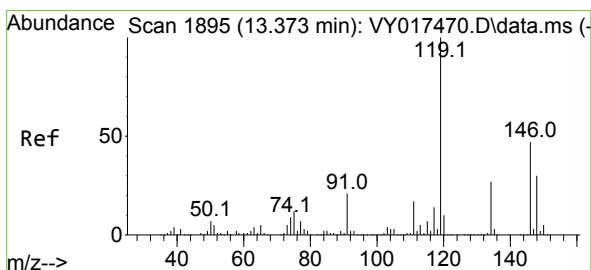
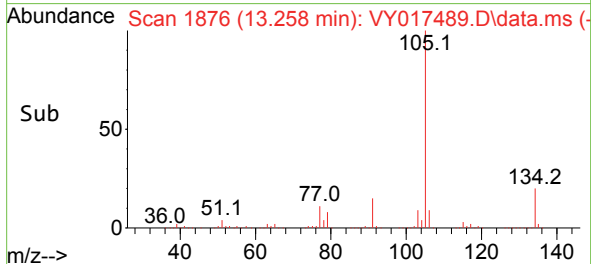
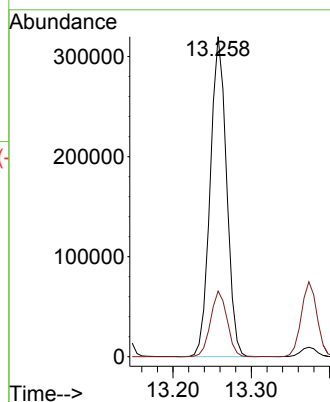
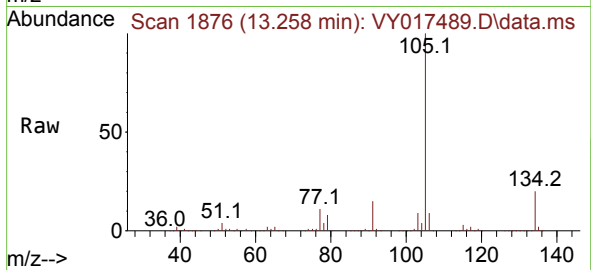




#85
 sec-Butylbenzene
 Concen: 53.353 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY017489.D
 Acq: 27 Feb 2024 10:20

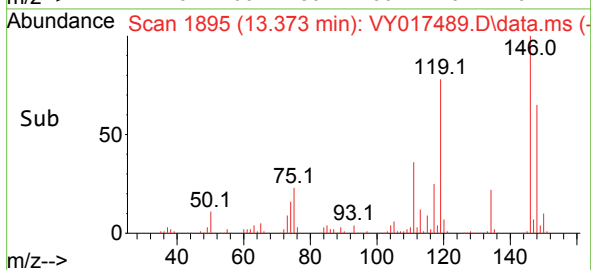
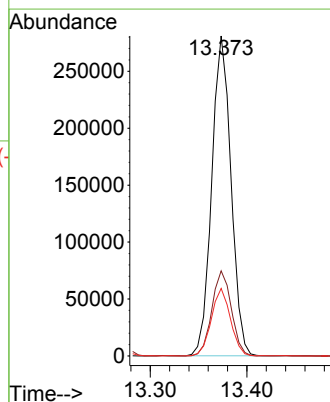
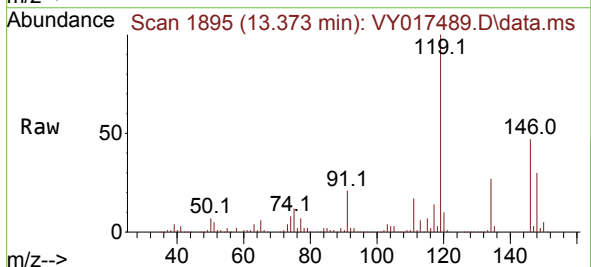
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

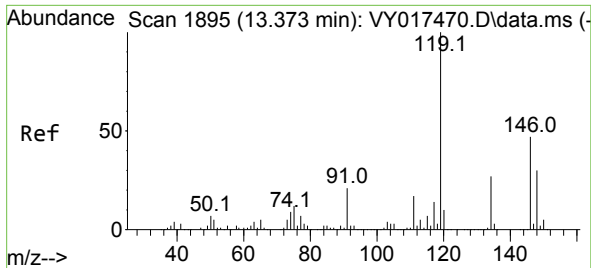
Tgt Ion:105 Resp: 463271
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 54.670 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY017489.D
 Acq: 27 Feb 2024 10:20

Tgt Ion:119 Resp: 388598
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.1 39.3
 91 21.0 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 53.289 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY017489.D

Acq: 27 Feb 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

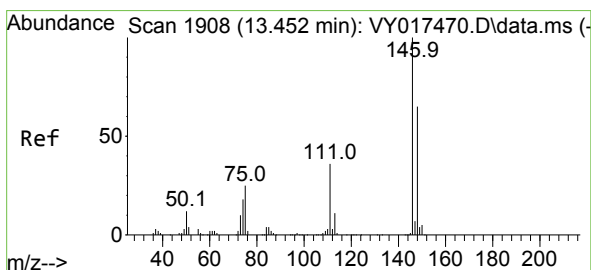
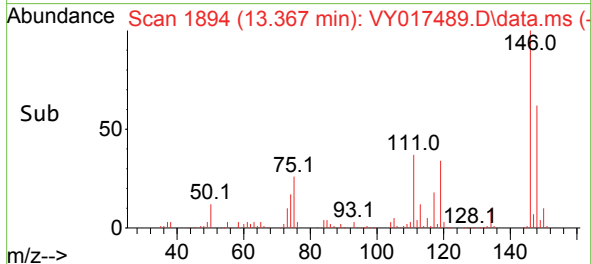
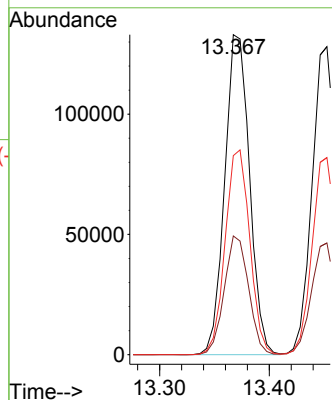
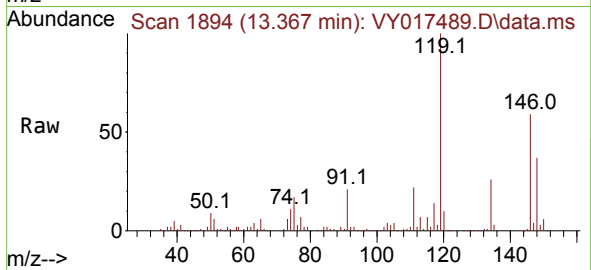
Tgt Ion:146 Resp: 209112

Ion Ratio Lower Upper

146 100

111 36.5 19.0 57.0

148 63.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 52.790 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017489.D

Acq: 27 Feb 2024 10:20

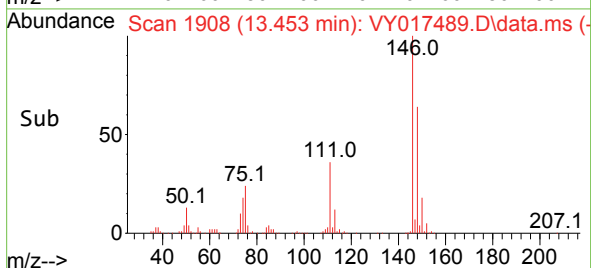
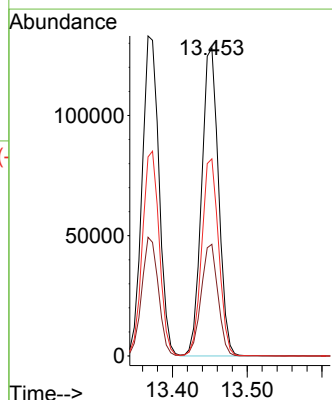
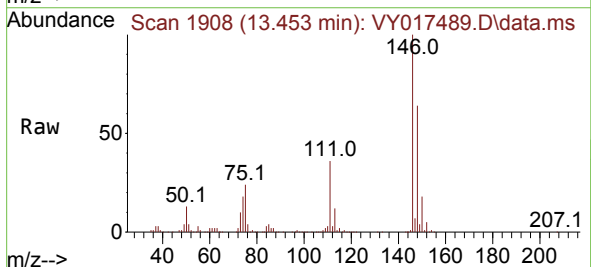
Tgt Ion:146 Resp: 201396

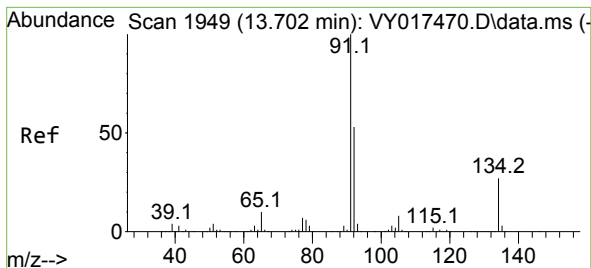
Ion Ratio Lower Upper

146 100

111 36.0 18.4 55.4

148 64.3 32.4 97.2





#89

n-Butylbenzene

Concen: 53.694 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017489.D

Acq: 27 Feb 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

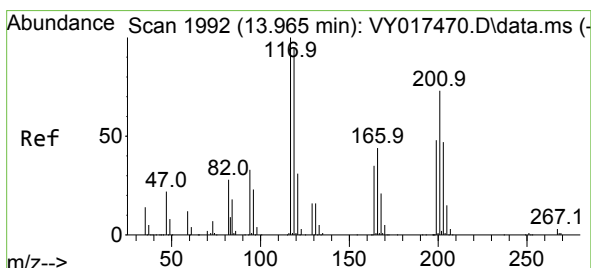
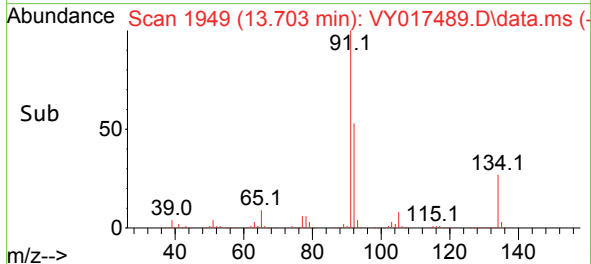
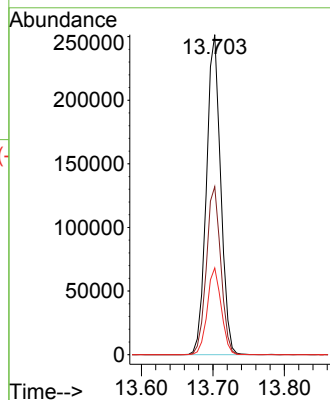
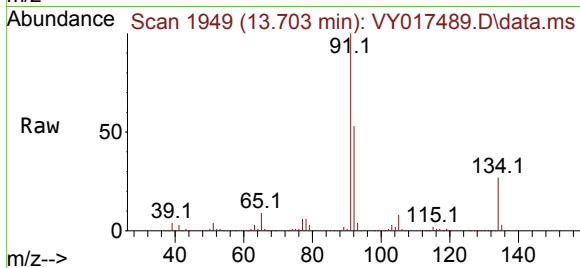
Tgt Ion: 91 Resp: 348219

Ion Ratio Lower Upper

91 100

92 53.0 26.6 79.7

134 26.6 12.9 38.7



#90

Hexachloroethane

Concen: 53.089 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY017489.D

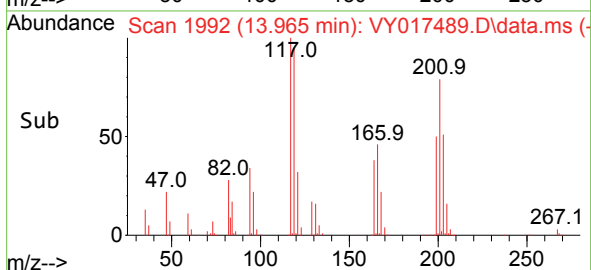
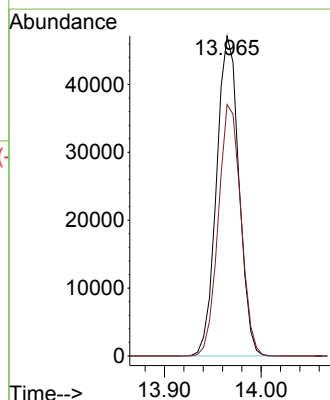
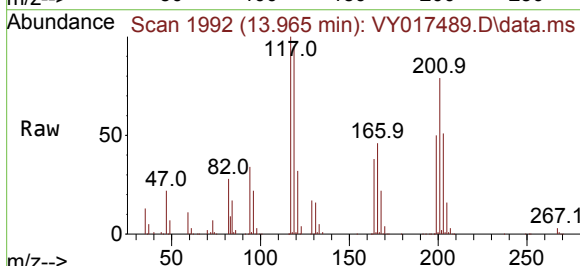
Acq: 27 Feb 2024 10:20

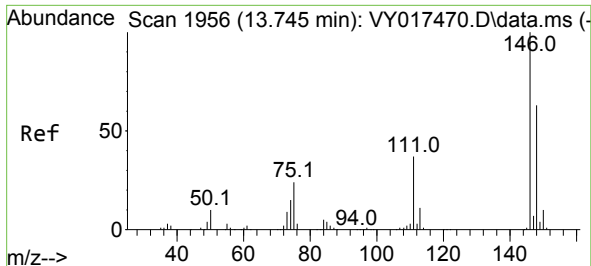
Tgt Ion: 117 Resp: 75654

Ion Ratio Lower Upper

117 100

201 79.1 37.4 112.2

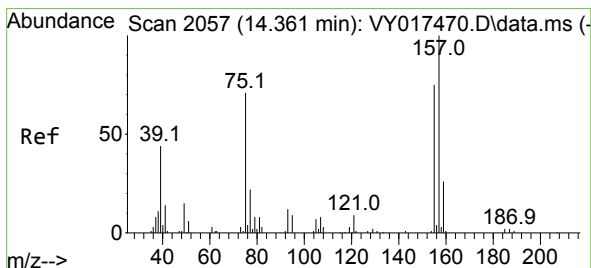
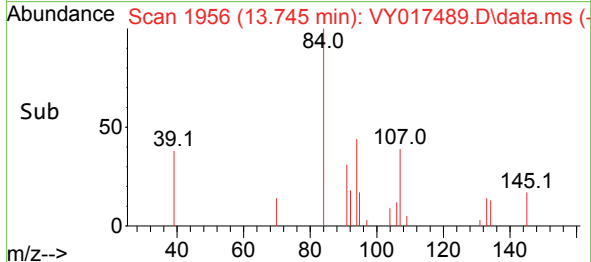
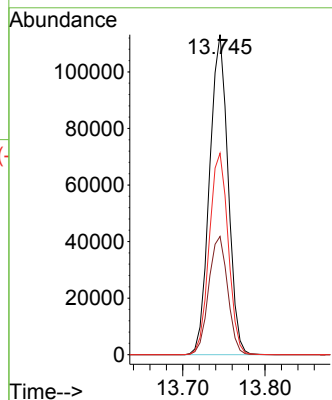
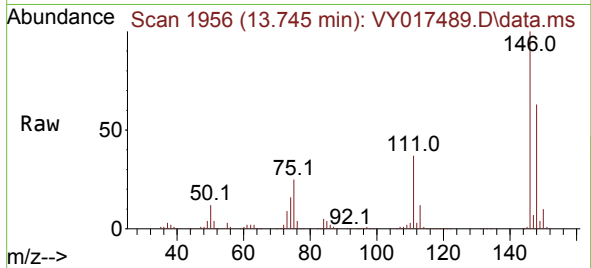




#91
1,2-Dichlorobenzene
Concen: 53.218 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

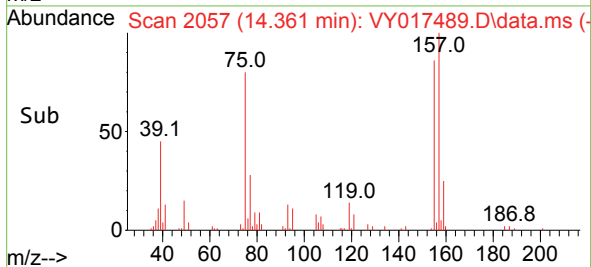
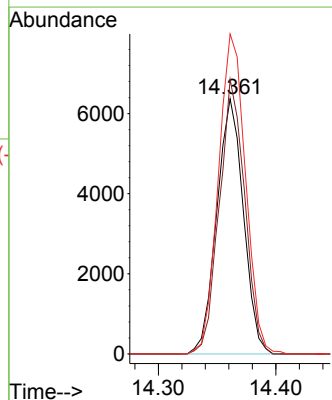
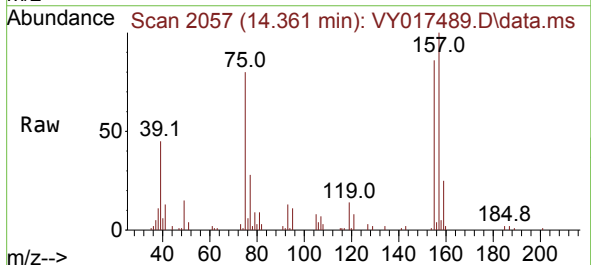
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

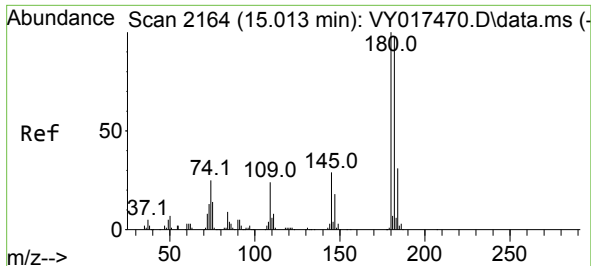
Tgt Ion:146 Resp: 176644
Ion Ratio Lower Upper
146 100
111 37.9 19.9 59.7
148 64.4 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.399 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

Tgt Ion: 75 Resp: 10017
Ion Ratio Lower Upper
75 100
155 102.7 48.6 145.8
157 128.0 62.7 188.2

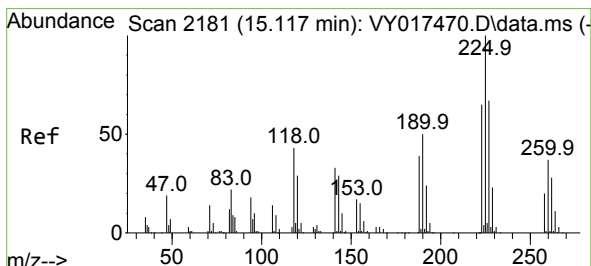
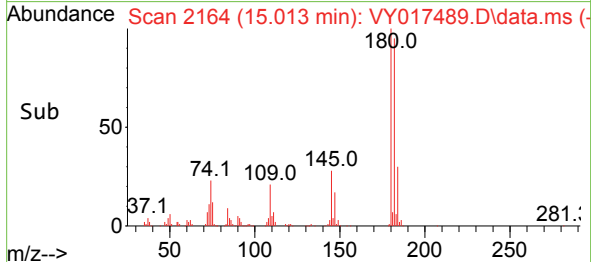
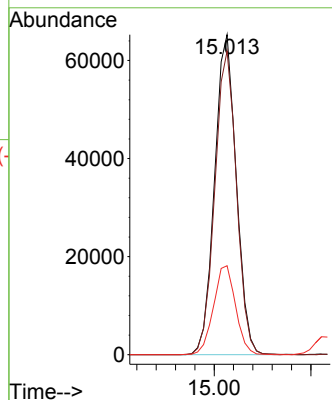
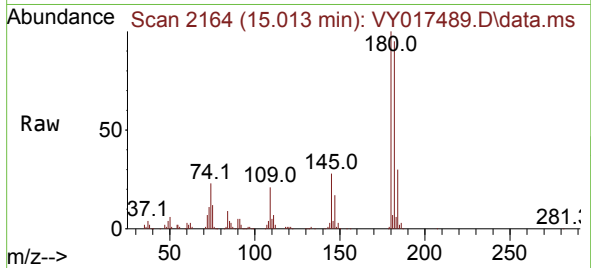




#93
1,2,4-Trichlorobenzene
Concen: 57.928 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

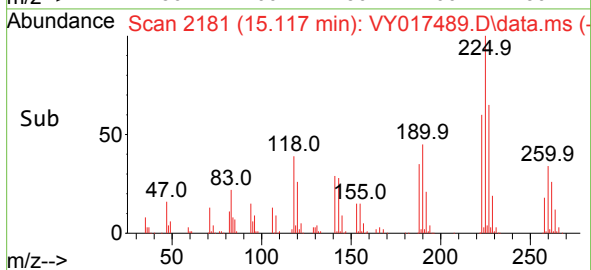
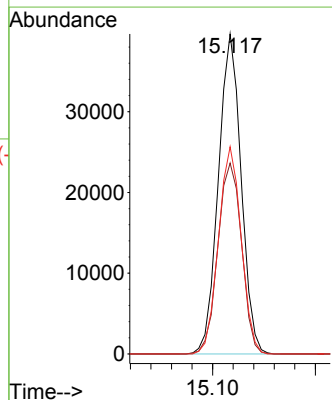
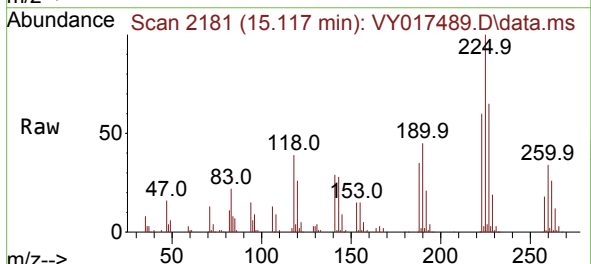
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

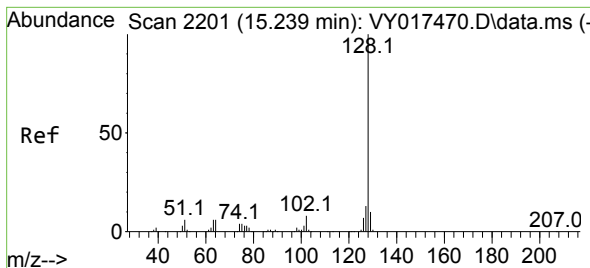
Tgt Ion:180 Resp: 101561
Ion Ratio Lower Upper
180 100
182 94.9 47.9 143.8
145 28.4 14.2 42.6



#94
Hexachlorobutadiene
Concen: 56.152 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.000 min
Lab File: VY017489.D
Acq: 27 Feb 2024 10:20

Tgt Ion:225 Resp: 60782
Ion Ratio Lower Upper
225 100
223 62.2 30.4 91.2
227 64.6 31.9 95.9





#95

Naphthalene

Concen: 50.893 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY017489.D

Acq: 27 Feb 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

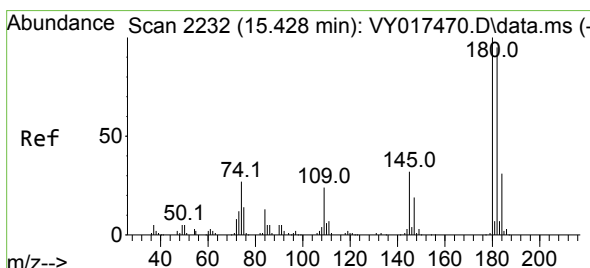
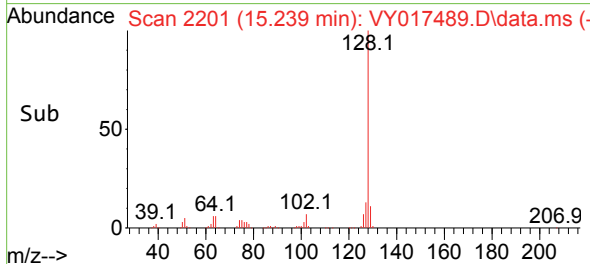
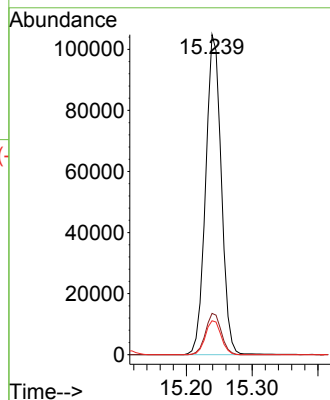
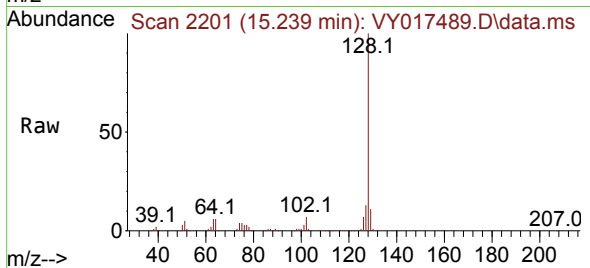
Tgt Ion:128 Resp: 173149

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 57.697 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017489.D

Acq: 27 Feb 2024 10:20

Tgt Ion:180 Resp: 86779

Ion Ratio Lower Upper

180 100

182 93.7 47.6 142.9

145 30.6 15.4 46.1

