

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022824\
 Data File : VY017514.D
 Acq On : 28 Feb 2024 12:07
 Operator : SY/MD
 Sample : VY0228SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0228SBS01

Quant Time: Feb 28 23:11:26 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	7.789	168	167023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	261197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	225306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105255	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	74354	46.972	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.940%
35) Dibromofluoromethane	7.716	113	87856	48.270	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.540%
50) Toluene-d8	10.179	98	329707	51.810	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.620%
62) 4-Bromofluorobenzene	12.483	95	100444	50.223	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.440%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	26355	21.391	ug/l	100
3) Chloromethane	2.113	50	42021	18.667	ug/l	99
4) Vinyl Chloride	2.247	62	53905	18.665	ug/l	98
5) Bromomethane	2.644	94	45916	19.510	ug/l	100
6) Chloroethane	2.790	64	34870	19.140	ug/l	97
7) Trichlorofluoromethane	3.119	101	59232	20.124	ug/l	94
8) Diethyl Ether	3.521	74	17048	19.748	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.887	101	36036	21.285	ug/l	99
10) Methyl Iodide	4.088	142	36811	19.374	ug/l	100
11) Tert butyl alcohol	4.948	59	11357	84.464	ug/l #	90
12) 1,1-Dichloroethene	3.869	96	31780	20.142	ug/l	99
13) Acrolein	3.723	56	17218	97.049	ug/l	98
14) Allyl chloride	4.472	41	36931	19.372	ug/l	96
15) Acrylonitrile	5.155	53	34895	98.328	ug/l	98
16) Acetone	3.942	43	31512	102.637	ug/l	99
17) Carbon Disulfide	4.192	76	89654	18.931	ug/l	99
18) Methyl Acetate	4.472	43	13024	17.485	ug/l	97
19) Methyl tert-butyl Ether	5.216	73	70346	19.129	ug/l	98
20) Methylene Chloride	4.710	84	38188	17.623	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	36451	19.731	ug/l	97
22) Diisopropyl ether	6.112	45	87879	19.976	ug/l	96
23) Vinyl Acetate	6.051	43	256692	97.918	ug/l	99
24) 1,1-Dichloroethane	6.009	63	59695	19.862	ug/l	100
25) 2-Butanone	6.978	43	43179	98.684	ug/l	97
26) 2,2-Dichloropropane	6.978	77	51275	20.291	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	41441	19.979	ug/l	97
28) Bromochloromethane	7.332	49	21277	17.975	ug/l	94
29) Tetrahydrofuran	7.344	42	24999	94.780	ug/l	99
30) Chloroform	7.502	83	64842	20.264	ug/l	98
31) Cyclohexane	7.783	56	50659	19.665	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	56389	20.298	ug/l	98
36) 1,1-Dichloropropene	7.917	75	49308	20.079	ug/l	100
37) Ethyl Acetate	7.070	43	18433	19.005	ug/l #	96
38) Carbon Tetrachloride	7.899	117	49768	20.221	ug/l	98
39) Methylcyclohexane	9.179	83	57215	19.387	ug/l	97
40) Benzene	8.155	78	145860	20.001	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	7968	16.371	ug/l	88
42) 1,2-Dichloroethane	8.234	62	34671	19.485	ug/l	97
43) Isopropyl Acetate	8.271	43	32745	19.212	ug/l	99
44) Trichloroethene	8.935	130	41502	19.744	ug/l	98
45) 1,2-Dichloropropane	9.216	63	34335	19.789	ug/l	95
46) Dibromomethane	9.307	93	19477	19.615	ug/l	95
47) Bromodichloromethane	9.496	83	48042	19.926	ug/l	96
48) Methyl methacrylate	9.295	41	14933	18.928	ug/l	96
49) 1,4-Dioxane	9.295	88	4326	384.952	ug/l #	91
51) 4-Methyl-2-Pentanone	10.069	43	89173	93.875	ug/l	100
52) Toluene	10.246	92	92119	20.037	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	43998	19.661	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	53442	19.653	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	27832	19.741	ug/l	97
56) Ethyl methacrylate	10.508	69	29813	18.854	ug/l	98
57) 1,3-Dichloropropane	10.788	76	45461	19.833	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	74051	91.021	ug/l	98
59) 2-Hexanone	10.831	43	65395	100.226	ug/l	99
60) Dibromochloromethane	10.983	129	34173	20.489	ug/l	97
61) 1,2-Dibromoethane	11.087	107	25167	19.371	ug/l	99
64) Tetrachloroethene	10.721	164	41732	19.298	ug/l	94
65) Chlorobenzene	11.514	112	98218	20.538	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	36143	20.174	ug/l	99
67) Ethyl Benzene	11.593	91	169755	20.240	ug/l	97
68) m/p-Xylenes	11.703	106	135025	40.972	ug/l	99
69) o-Xylene	12.032	106	61903	20.247	ug/l	98
70) Styrene	12.044	104	103759	20.445	ug/l	97
71) Bromoform	12.209	173	20190	20.336	ug/l #	96
73) Isopropylbenzene	12.331	105	162648	20.800	ug/l	98
74) N-amyl acetate	12.142	43	27750	20.120	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	28655	21.339	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	34980	34.977	ug/l #	100
77) Bromobenzene	12.611	156	38898	20.541	ug/l	97
78) n-propylbenzene	12.672	91	202051	21.534	ug/l	99
79) 2-Chlorotoluene	12.758	91	107942	20.548	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	131553	20.998	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	8964	20.596	ug/l	96
82) 4-Chlorotoluene	12.855	91	111957	20.836	ug/l	98
83) tert-Butylbenzene	13.075	119	115428	20.982	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	129477	20.934	ug/l	100
85) sec-Butylbenzene	13.251	105	178386	21.209	ug/l	100
86) p-Isopropyltoluene	13.367	119	144938	21.051	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	77305	20.338	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	76121	20.599	ug/l	99
89) n-Butylbenzene	13.696	91	132897	21.156	ug/l	99
90) Hexachloroethane	13.959	117	28965	20.984	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	65998	20.527	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3742	19.822	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	34398	20.255	ug/l	99
94) Hexachlorobutadiene	15.111	225	21915	20.901	ug/l	98
95) Naphthalene	15.239	128	53498	18.899	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	28239	19.383	ug/l	100

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ALS Vial : 5 Sample Multiplier: 1

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

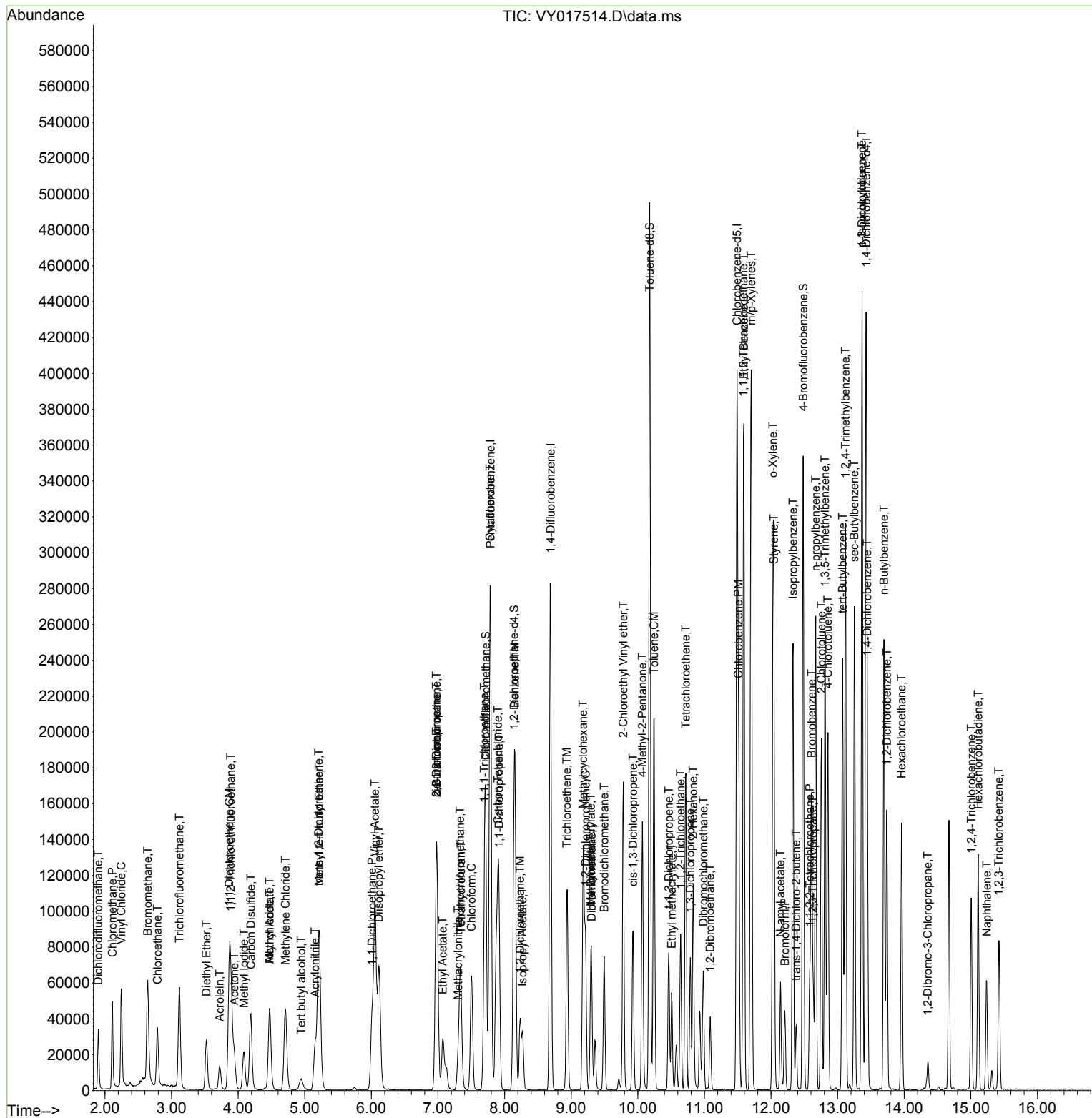
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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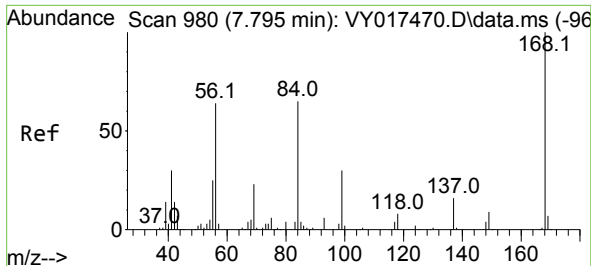
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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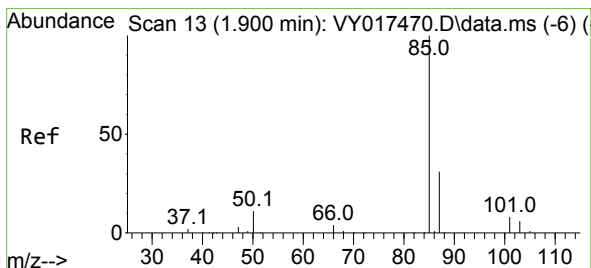
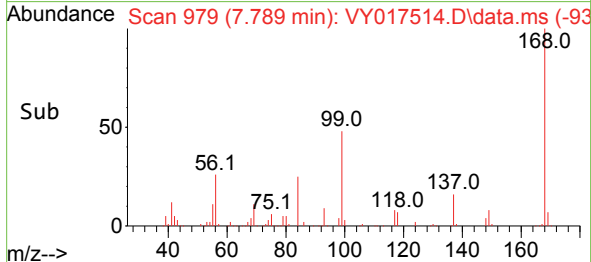
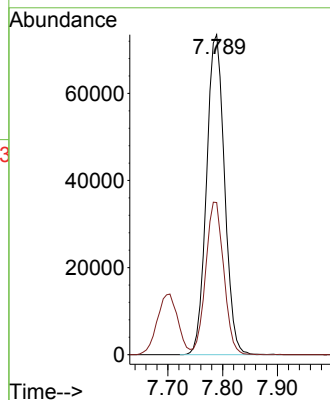
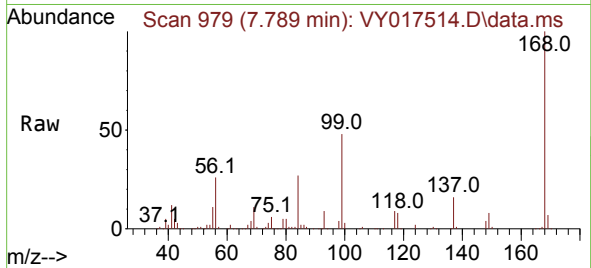




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

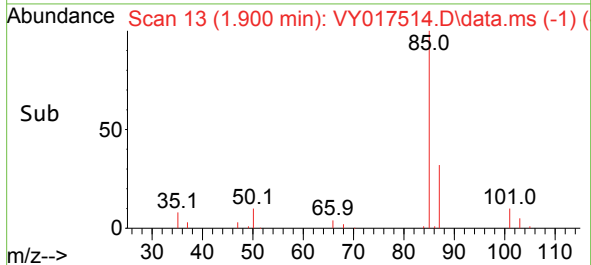
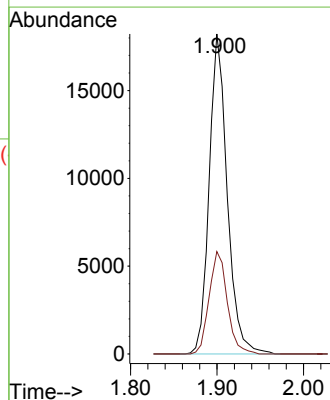
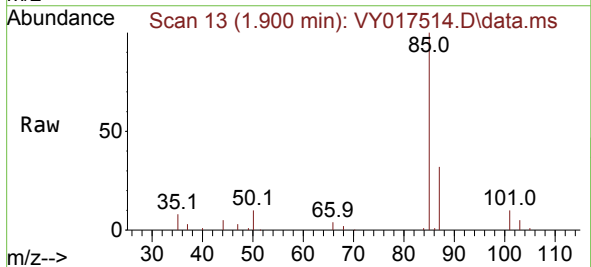
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

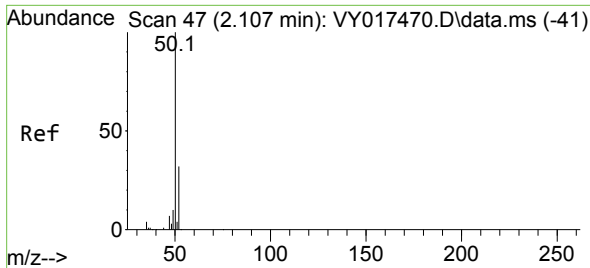
Tgt Ion:168 Resp: 167023
Ion Ratio Lower Upper
168 100
99 47.5 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 21.391 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

Tgt Ion: 85 Resp: 26355
Ion Ratio Lower Upper
85 100
87 32.0 16.0 48.0

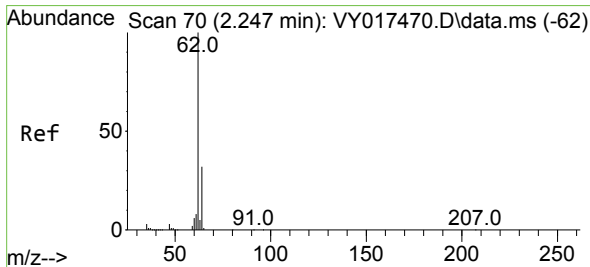
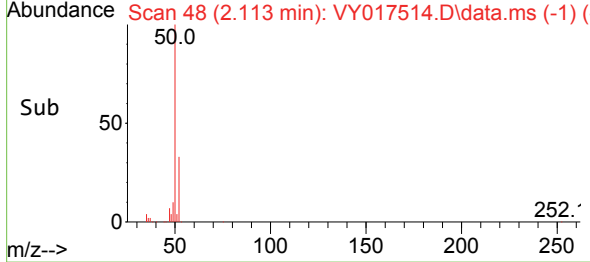
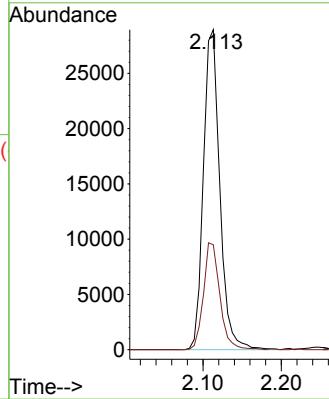
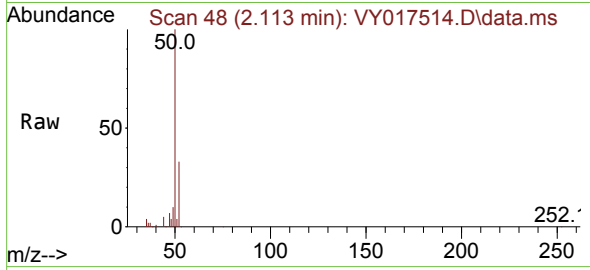




#3
Chloromethane
Concen: 18.667 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

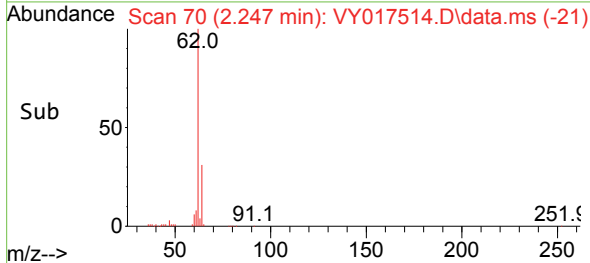
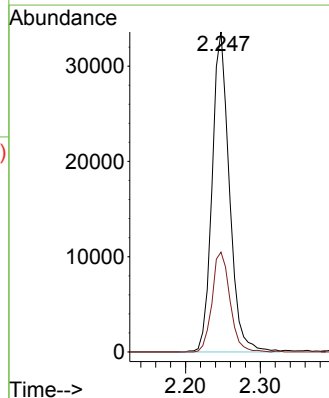
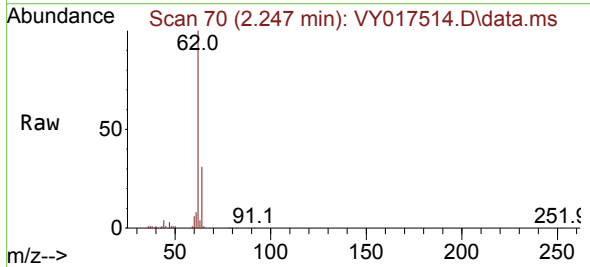
Instrument :
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ClientSampleId :
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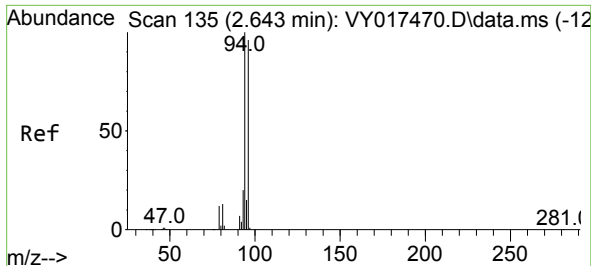
Tgt Ion: 50 Resp: 42021
Ion Ratio Lower Upper
50 100
52 32.8 25.6 38.4



#4
Vinyl Chloride
Concen: 18.665 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

Tgt Ion: 62 Resp: 53905
Ion Ratio Lower Upper
62 100
64 31.2 26.1 39.1

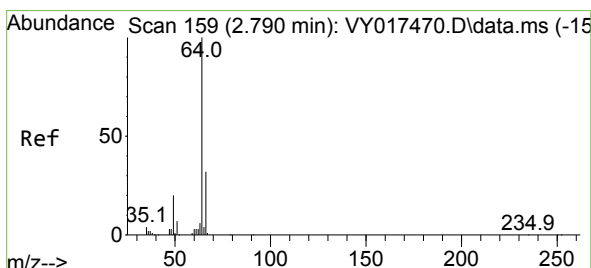
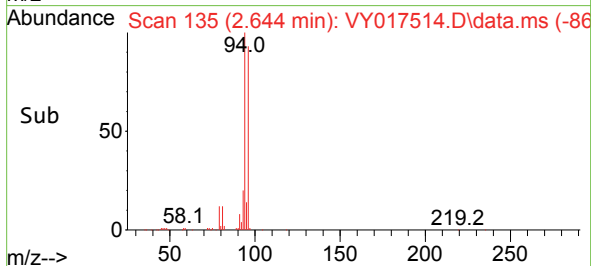
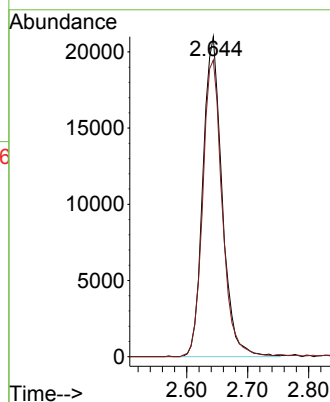
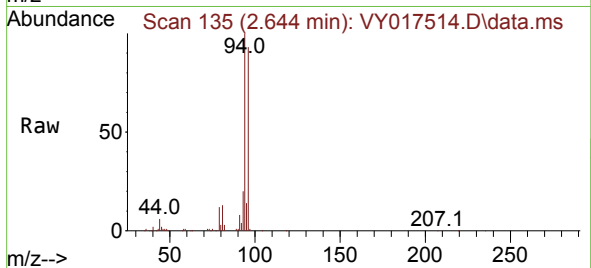




#5
Bromomethane
Concen: 19.510 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

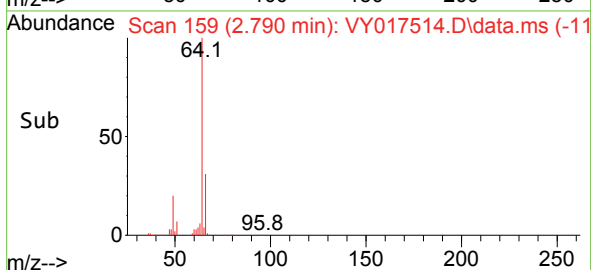
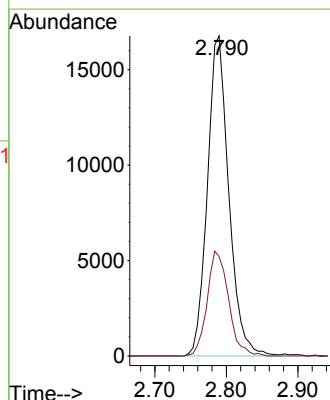
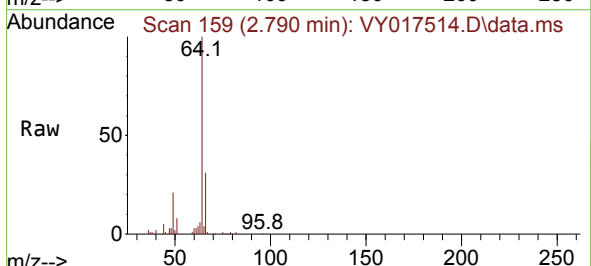
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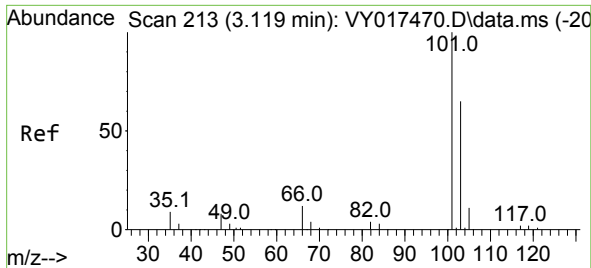
Tgt Ion: 94 Resp: 45916
Ion Ratio Lower Upper
94 100
96 92.7 74.1 111.1



#6
Chloroethane
Concen: 19.140 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

Tgt Ion: 64 Resp: 34870
Ion Ratio Lower Upper
64 100
66 31.0 26.1 39.1

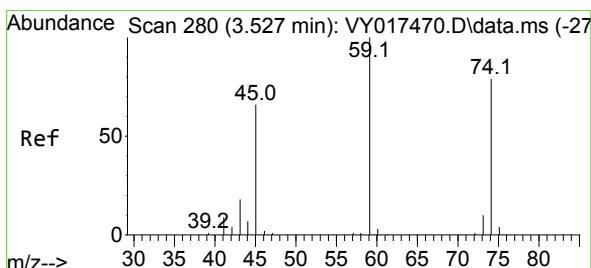
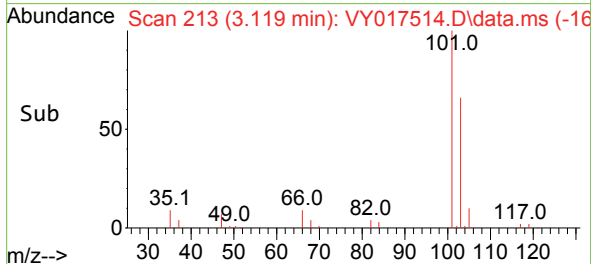
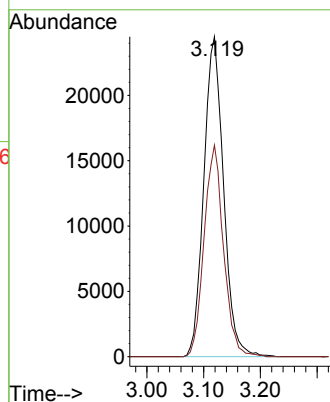
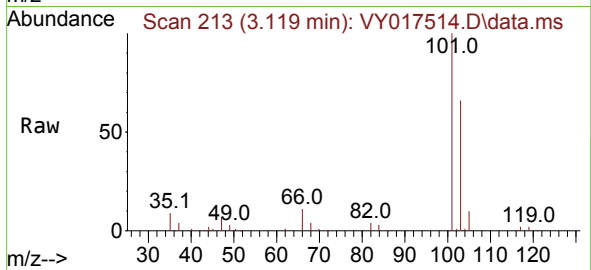




#7
 Trichlorofluoromethane
 Concen: 20.124 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY017514.D
 Acq: 28 Feb 2024 12:07

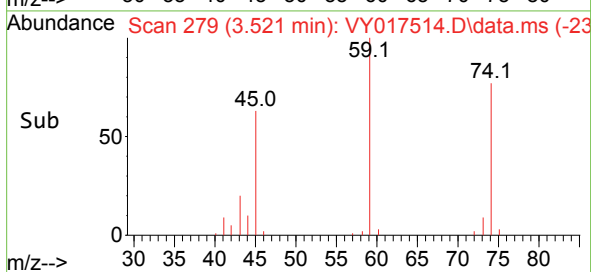
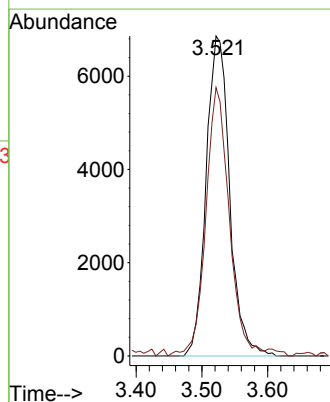
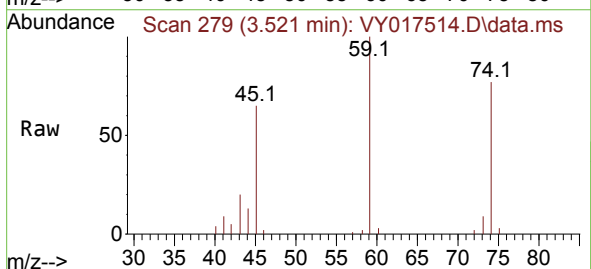
Instrument :
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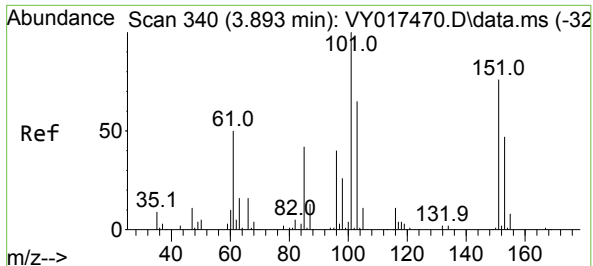
Tgt Ion:101 Resp: 59232
 Ion Ratio Lower Upper
 101 100
 103 66.1 49.3 73.9



#8
 Diethyl Ether
 Concen: 19.748 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VY017514.D
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Tgt Ion: 74 Resp: 17048
 Ion Ratio Lower Upper
 74 100
 45 83.4 41.3 124.1

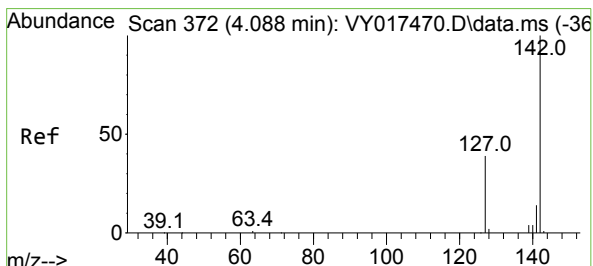
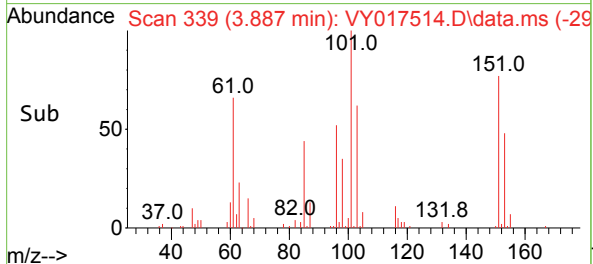
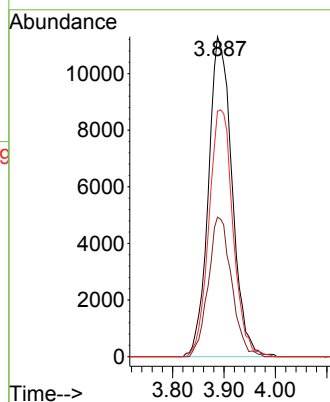
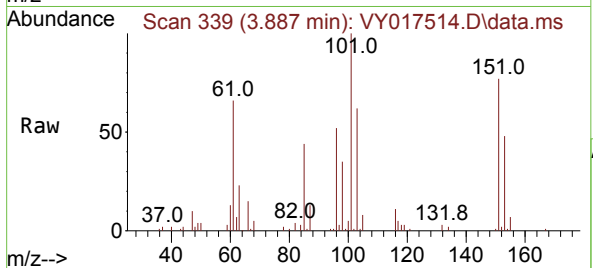




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.285 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

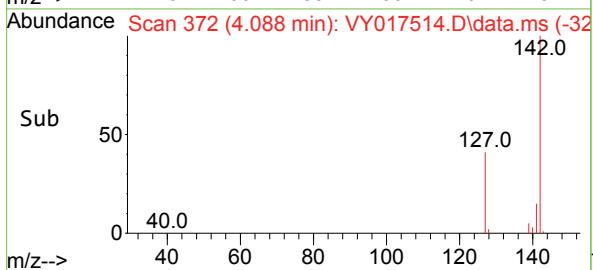
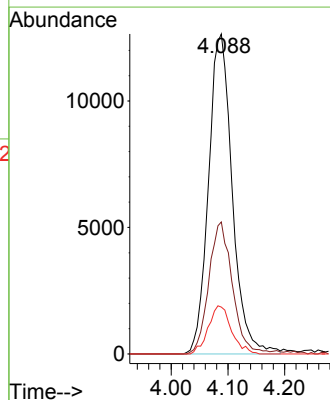
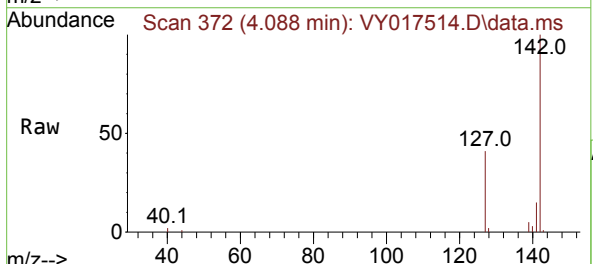
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

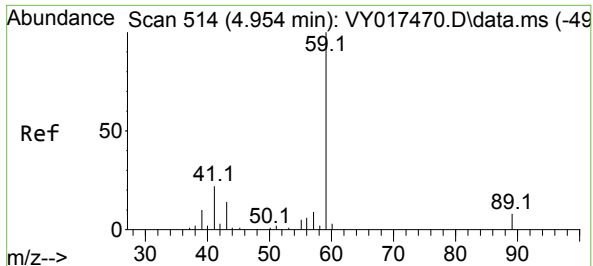
Tgt Ion:101 Resp: 36036
Ion Ratio Lower Upper
101 100
85 43.1 34.5 51.7
151 78.7 61.7 92.5



#10
Methyl Iodide
Concen: 19.374 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

Tgt Ion:142 Resp: 36811
Ion Ratio Lower Upper
142 100
127 40.8 32.8 49.2
141 14.6 11.4 17.2





#11

Tert butyl alcohol

Concen: 84.464 ug/l

RT: 4.948 min Scan# 514

Delta R.T. -0.006 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

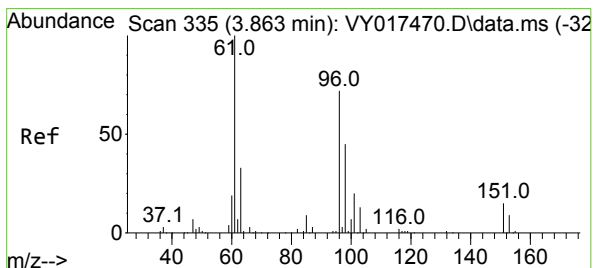
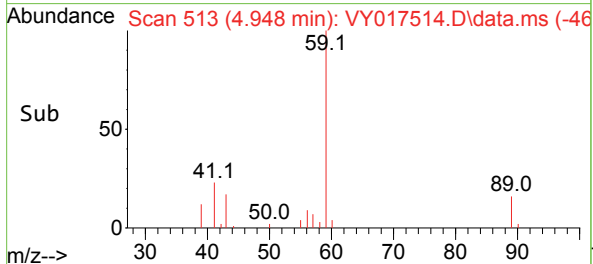
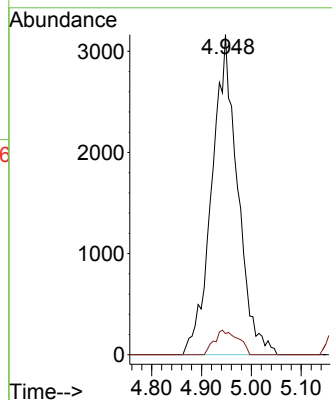
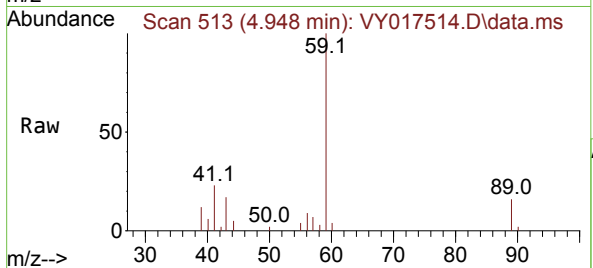
VY0228SBS01

Tgt Ion: 59 Resp: 11357

Ion Ratio Lower Upper

59 100

57 7.0 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 20.142 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.006 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

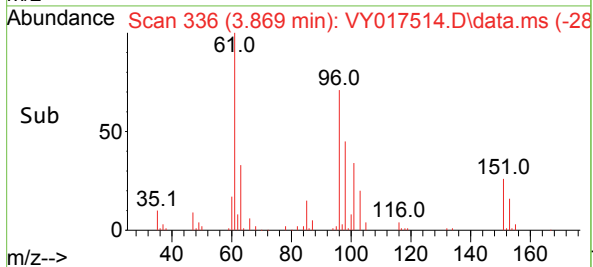
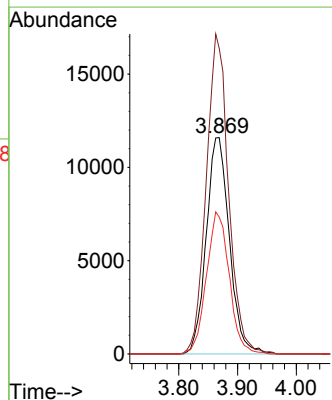
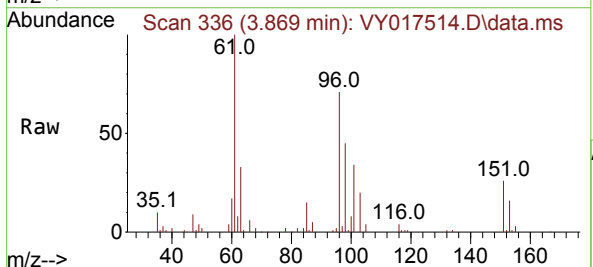
Tgt Ion: 96 Resp: 31780

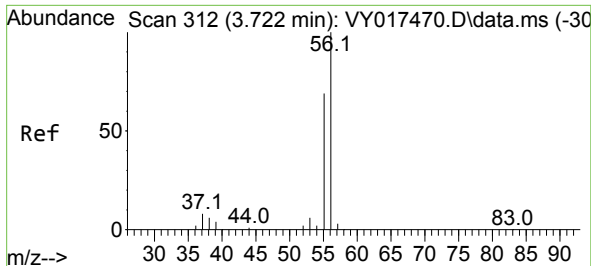
Ion Ratio Lower Upper

96 100

61 141.2 114.6 171.8

98 63.2 50.8 76.2





#13

Acrolein

Concen: 97.049 ug/l

RT: 3.723 min Scan# 312

Delta R.T. 0.000 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

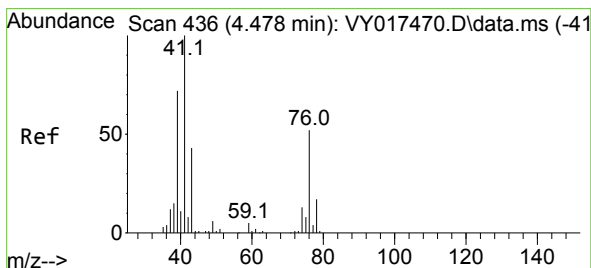
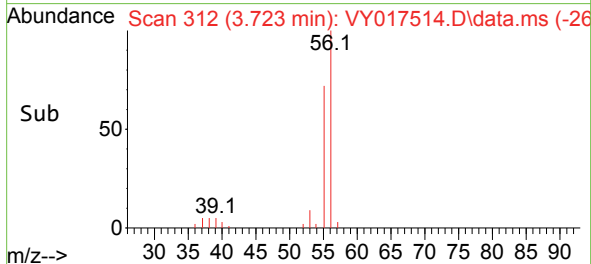
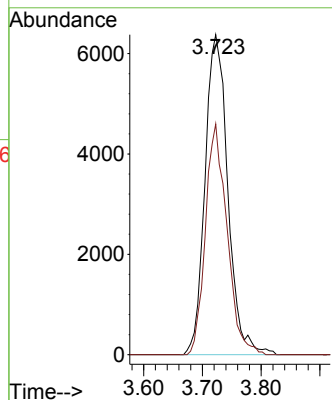
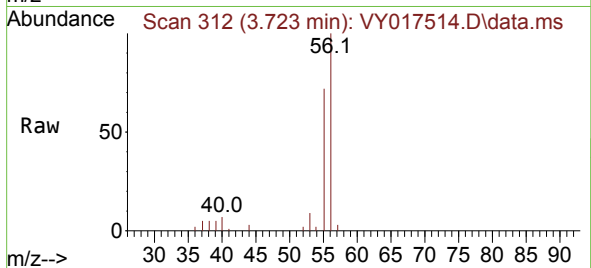
VY0228SBS01

Tgt Ion: 56 Resp: 17218

Ion Ratio Lower Upper

56 100

55 68.3 55.7 83.5



#14

Allyl chloride

Concen: 19.372 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

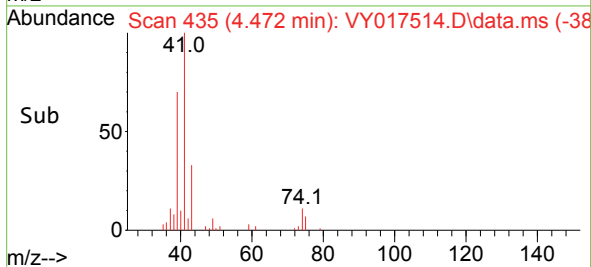
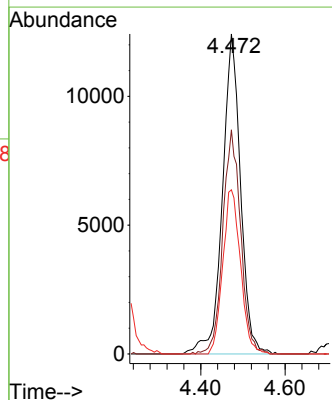
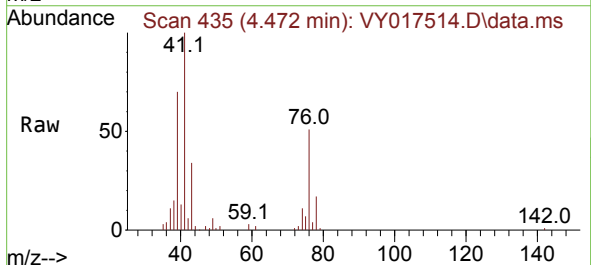
Tgt Ion: 41 Resp: 36931

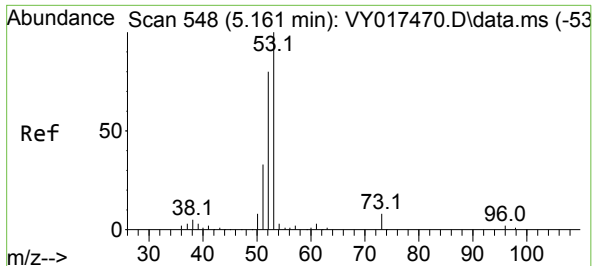
Ion Ratio Lower Upper

41 100

39 68.9 58.3 87.5

76 50.2 39.0 58.6

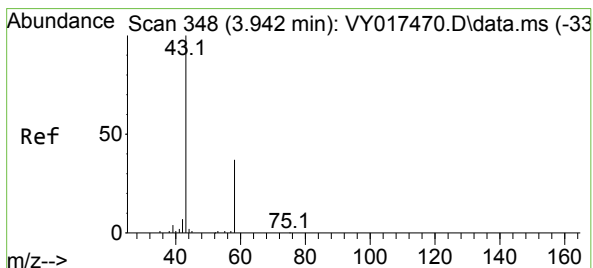
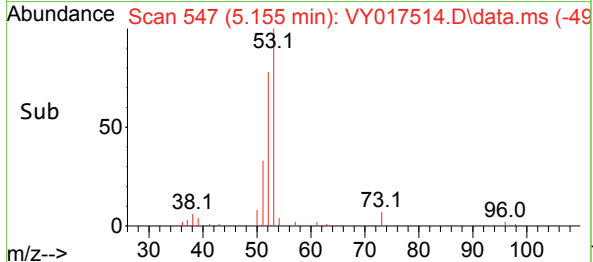
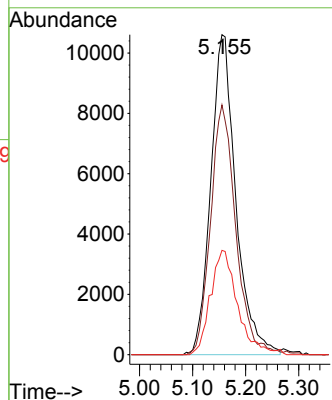
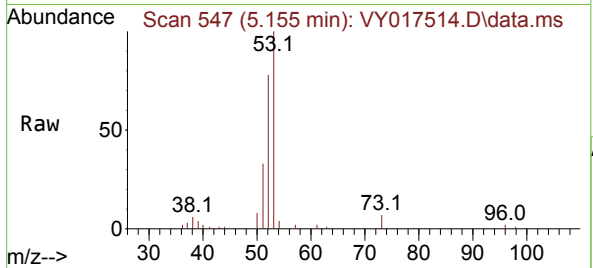




#15
Acrylonitrile
Concen: 98.328 ug/l
RT: 5.155 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

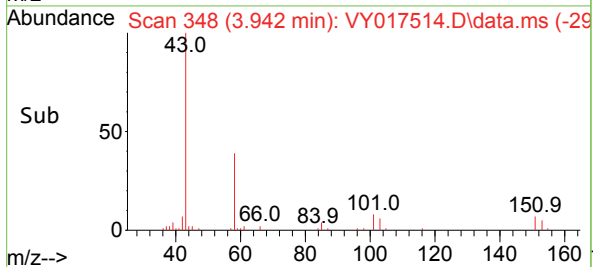
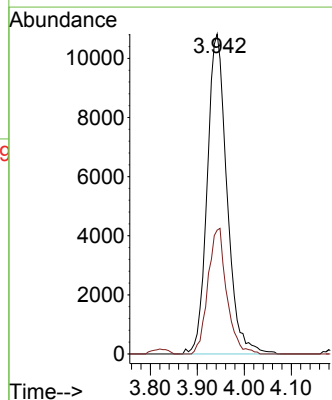
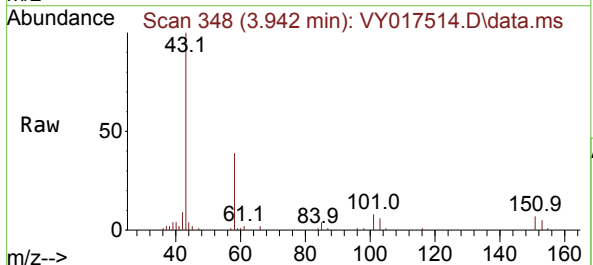
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBSD01

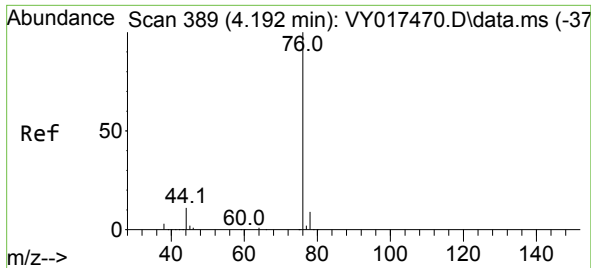
Tgt Ion: 53	Resp: 34895
Ion Ratio	Lower Upper
53 100	
52 78.6	64.7 97.1
51 35.2	28.4 42.6



#16
Acetone
Concen: 102.637 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

Tgt Ion: 43	Resp: 31512
Ion Ratio	Lower Upper
43 100	
58 38.7	31.7 47.5

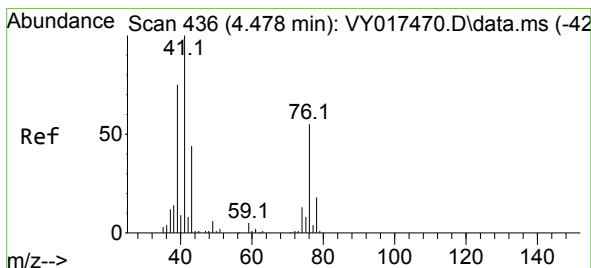
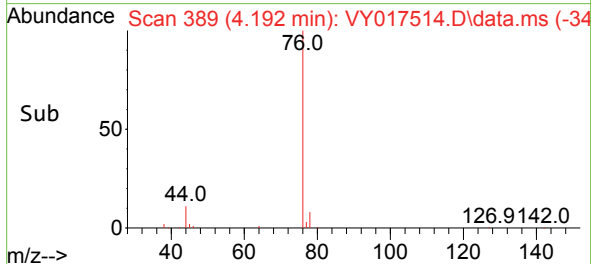
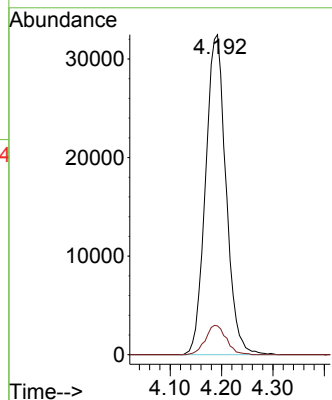
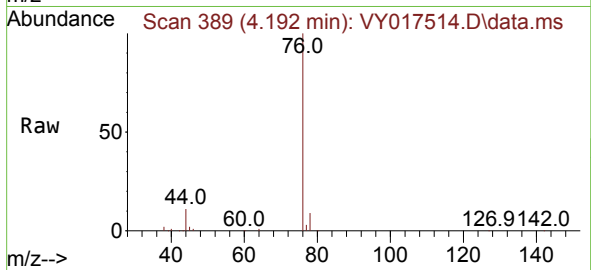




#17
Carbon Disulfide
Concen: 18.931 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

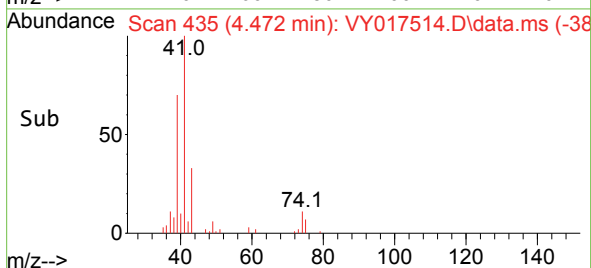
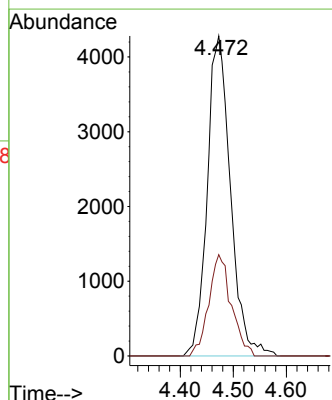
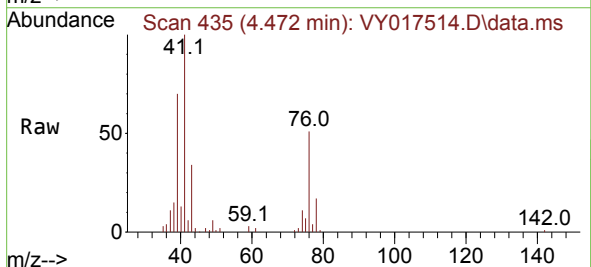
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBSD01

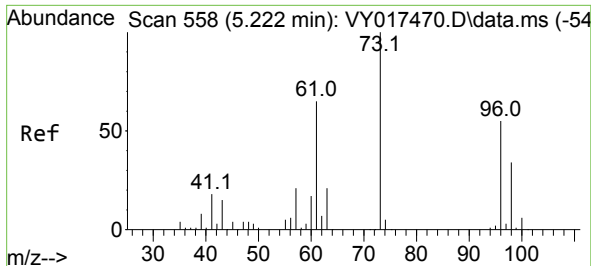
Tgt Ion: 76 Resp: 89654
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 17.485 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

Tgt Ion: 43 Resp: 13024
Ion Ratio Lower Upper
43 100
74 30.8 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 19.129 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

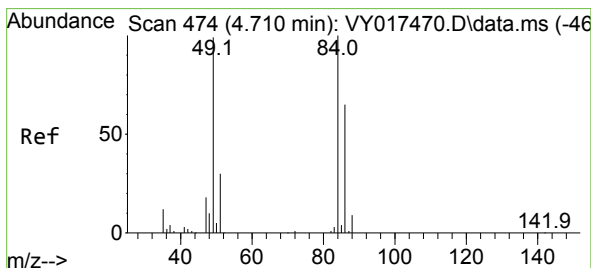
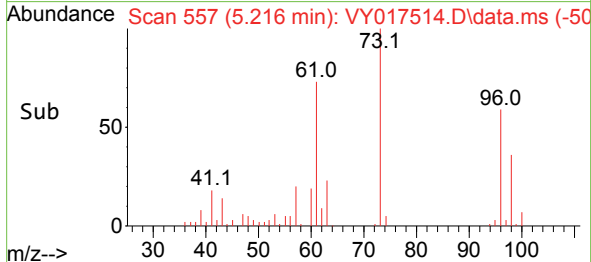
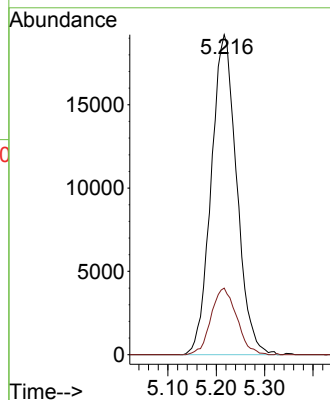
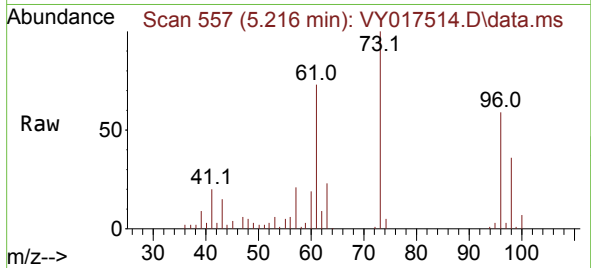
VY0228SBS01

Tgt Ion: 73 Resp: 70346

Ion Ratio Lower Upper

73 100

57 20.8 17.3 25.9



#20

Methylene Chloride

Concen: 17.623 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

Tgt Ion: 84 Resp: 38188

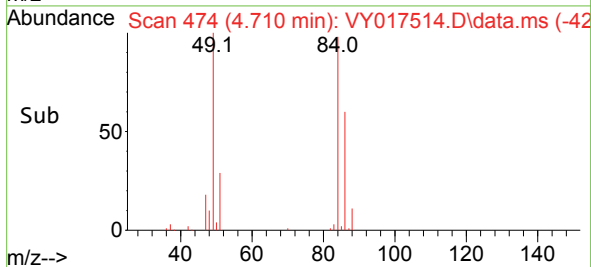
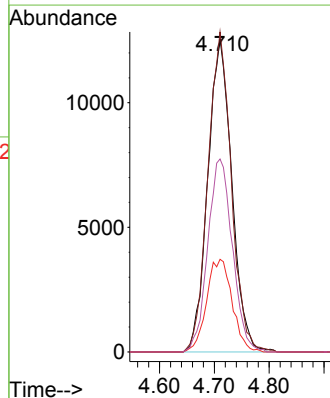
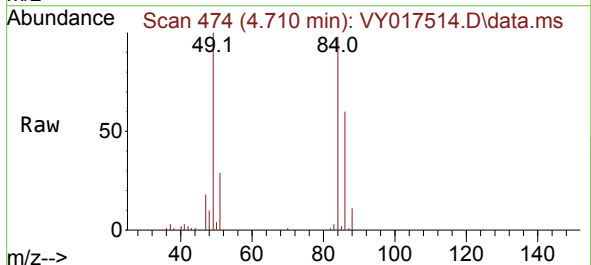
Ion Ratio Lower Upper

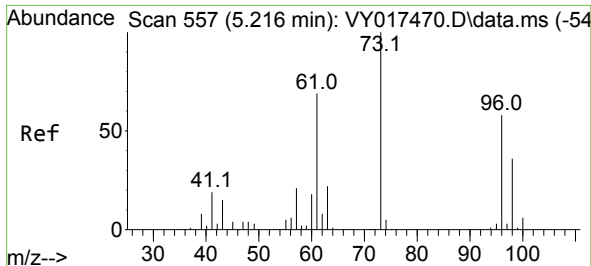
84 100

49 102.2 84.4 126.6

51 29.6 26.0 39.0

86 61.6 49.5 74.3

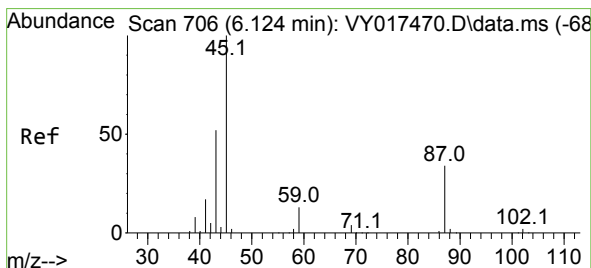
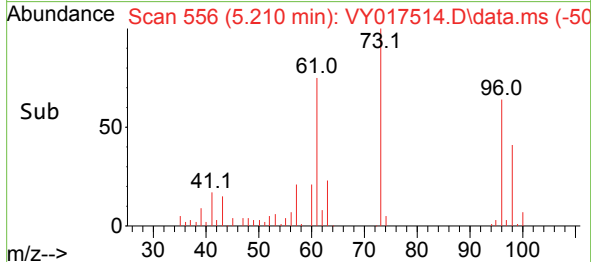
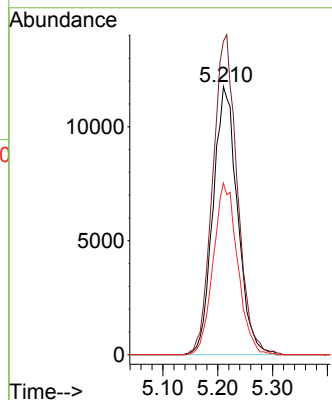
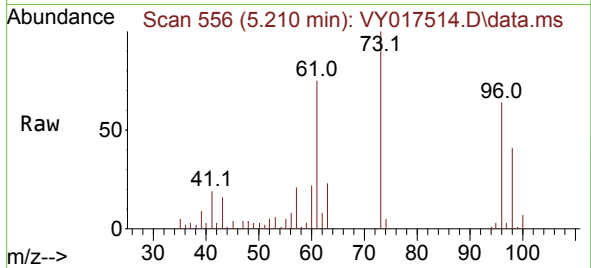




#21
trans-1,2-Dichloroethene
Concen: 19.731 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

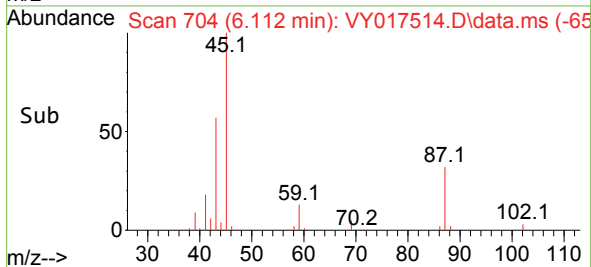
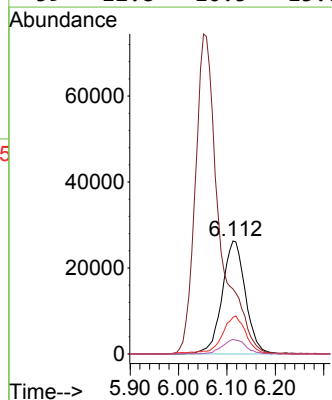
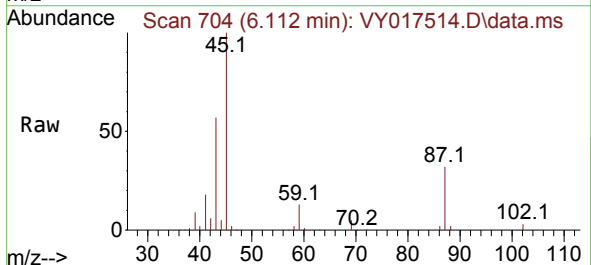
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

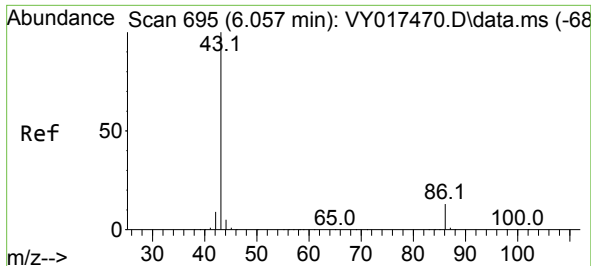
Tgt Ion: 96 Resp: 36451
Ion Ratio Lower Upper
96 100
61 116.9 97.5 146.3
98 64.1 50.5 75.7



#22
Diisopropyl ether
Concen: 19.976 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

Tgt Ion: 45 Resp: 87879
Ion Ratio Lower Upper
45 100
43 56.7 42.2 63.2
87 32.5 25.0 37.6
59 12.8 10.5 15.7

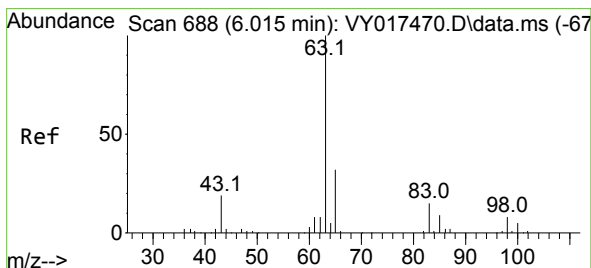
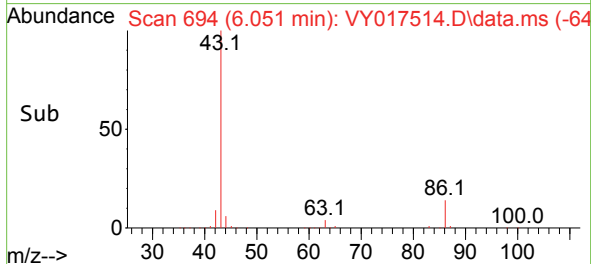
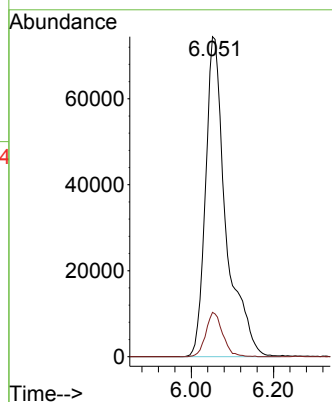
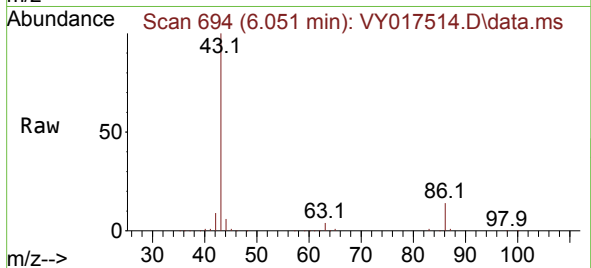




#23
 Vinyl Acetate
 Concen: 97.918 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY017514.D
 Acq: 28 Feb 2024 12:07

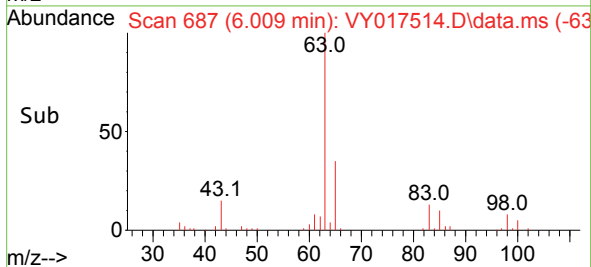
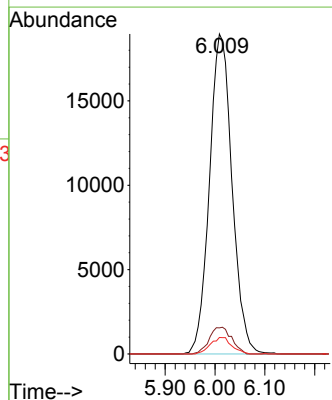
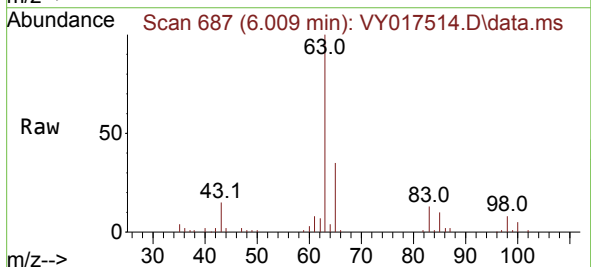
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0228SBS01

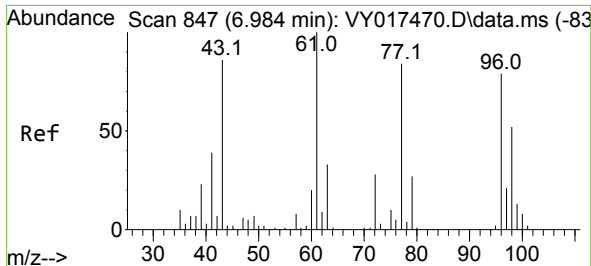
Tgt Ion: 43 Resp: 256692
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 19.862 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY017514.D
 Acq: 28 Feb 2024 12:07

Tgt Ion: 63 Resp: 59695
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 12.2
 100 5.2 2.6 8.0





#25

2-Butanone

Concen: 98.684 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

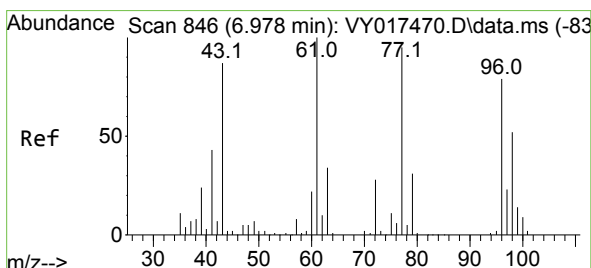
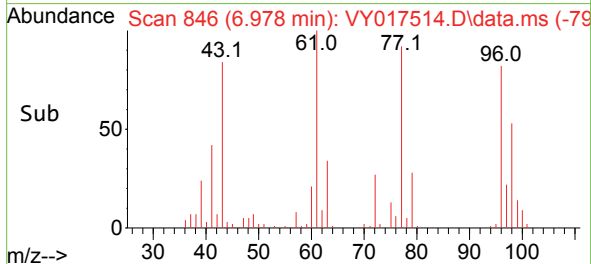
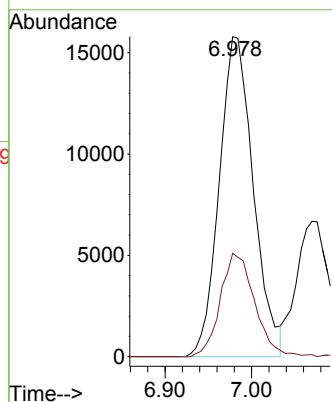
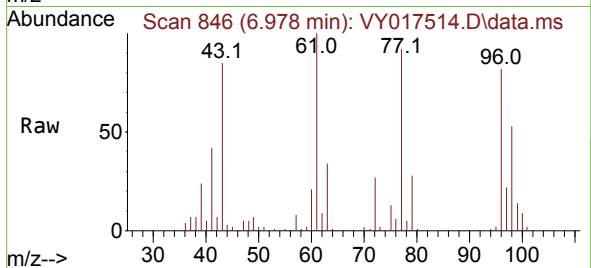
VY0228SBS01

Tgt Ion: 43 Resp: 43179

Ion Ratio Lower Upper

43 100

72 32.3 27.3 40.9



#26

2,2-Dichloropropane

Concen: 20.291 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY017514.D

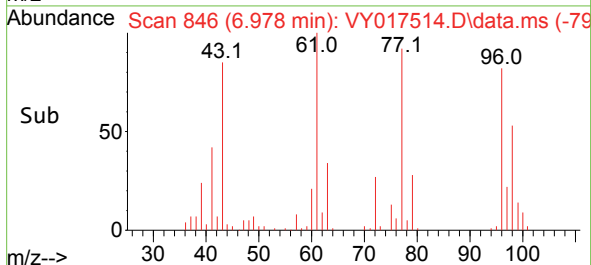
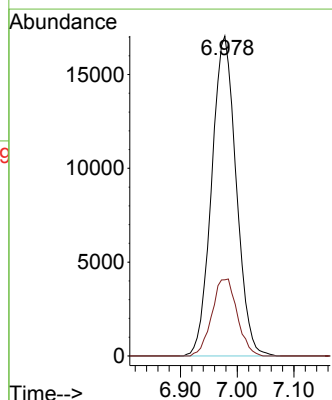
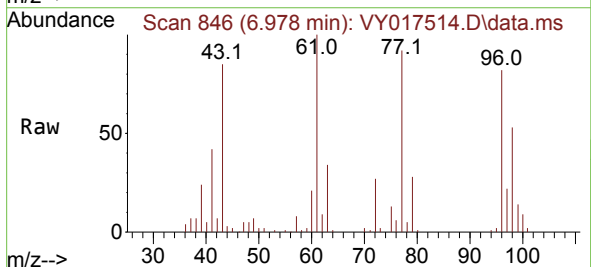
Acq: 28 Feb 2024 12:07

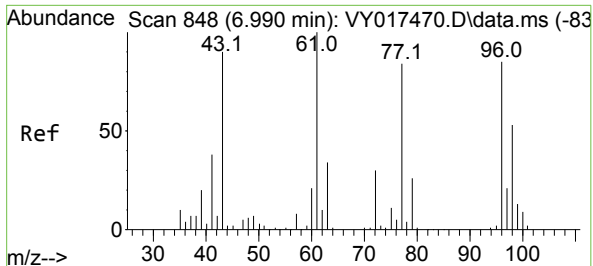
Tgt Ion: 77 Resp: 51275

Ion Ratio Lower Upper

77 100

97 24.8 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 19.979 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

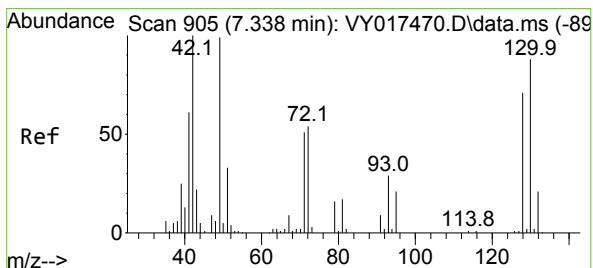
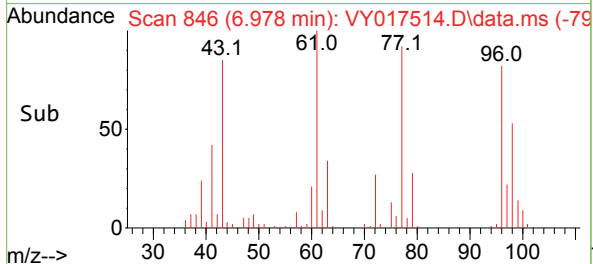
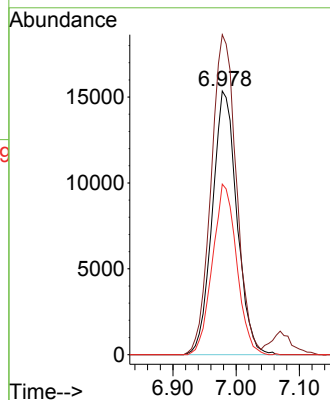
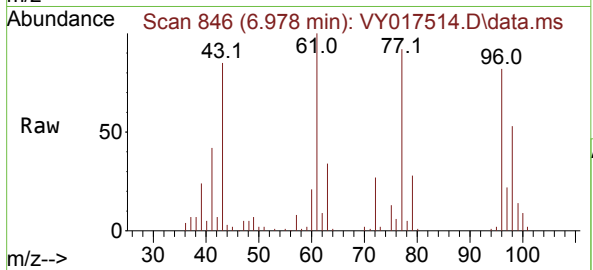
Tgt Ion: 96 Resp: 41441

Ion Ratio Lower Upper

96 100

61 124.3 0.0 256.2

98 63.7 0.0 130.0



#28

Bromochloromethane

Concen: 17.975 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

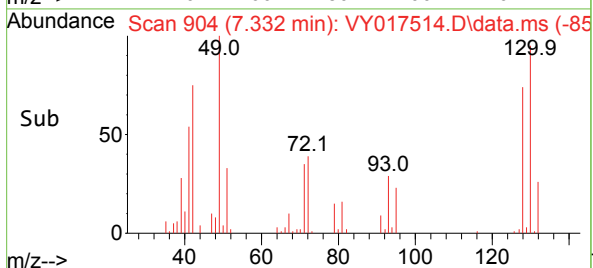
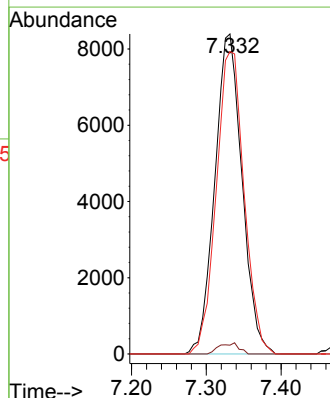
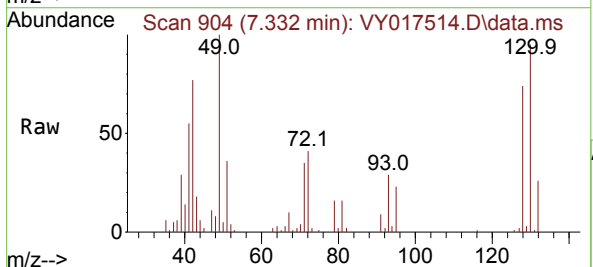
Tgt Ion: 49 Resp: 21277

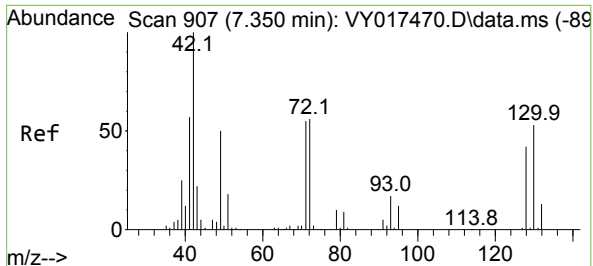
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 96.6 72.7 109.1





#29

Tetrahydrofuran

Concen: 94.780 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

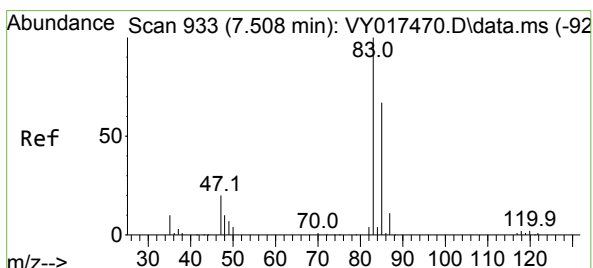
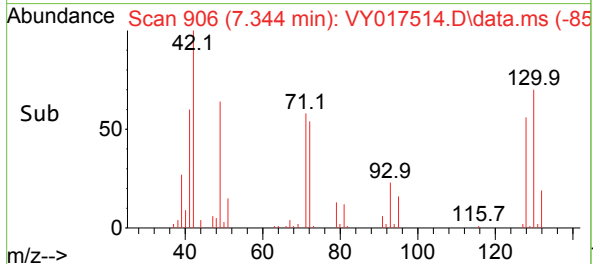
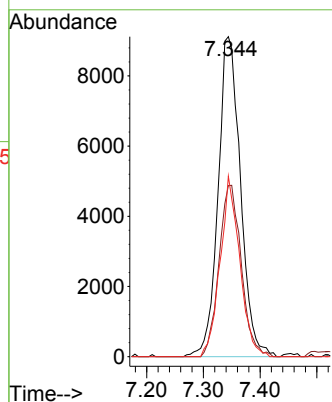
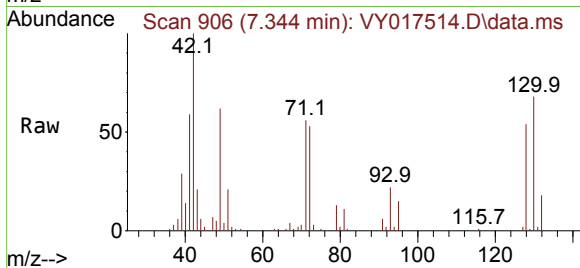
Tgt Ion: 42 Resp: 24999

Ion Ratio Lower Upper

42 100

72 53.3 43.0 64.4

71 49.4 40.8 61.2



#30

Chloroform

Concen: 20.264 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY017514.D

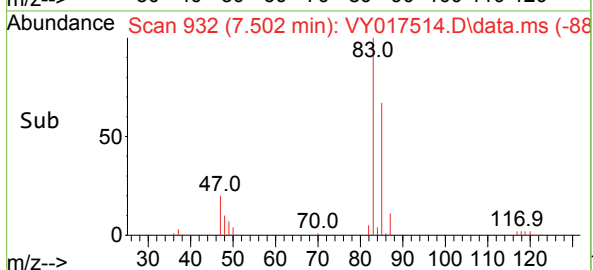
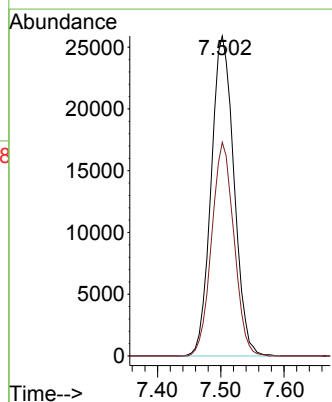
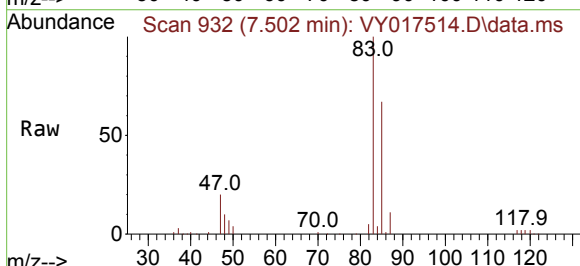
Acq: 28 Feb 2024 12:07

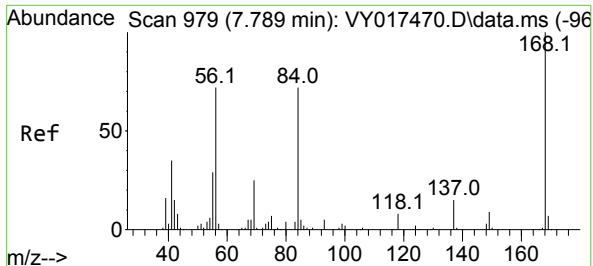
Tgt Ion: 83 Resp: 64842

Ion Ratio Lower Upper

83 100

85 66.7 52.2 78.4

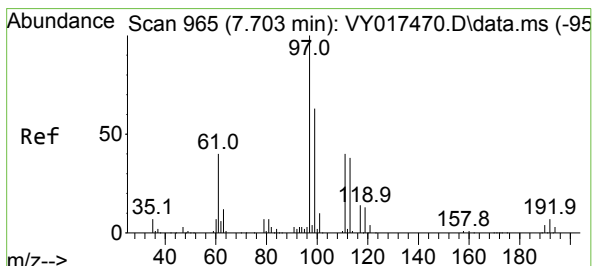
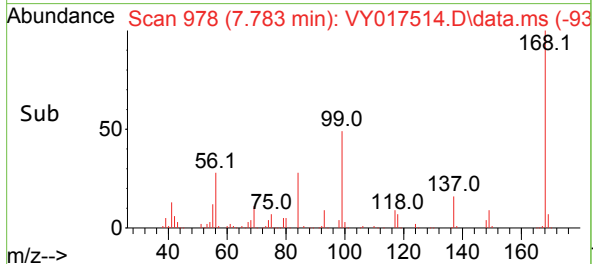
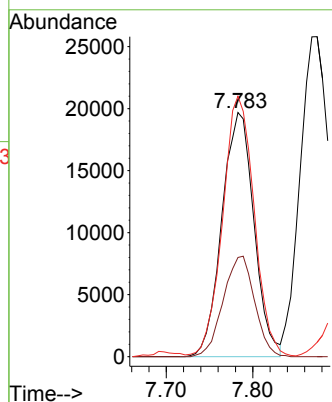
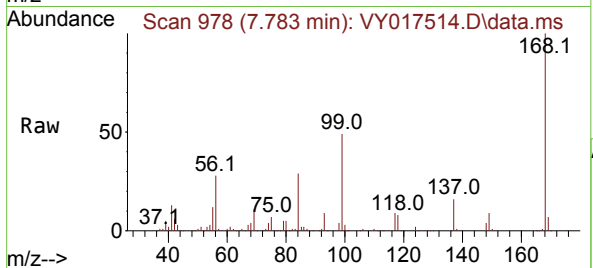




#31
Cyclohexane
Concen: 19.665 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

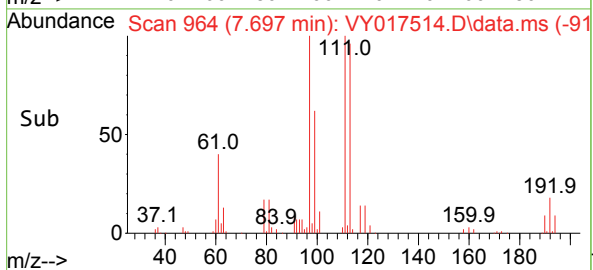
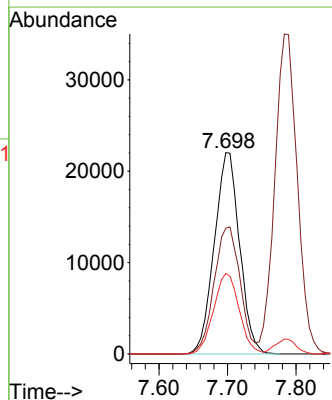
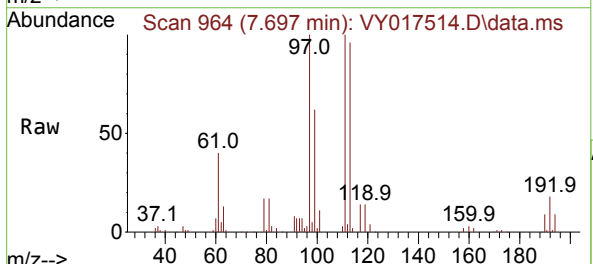
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

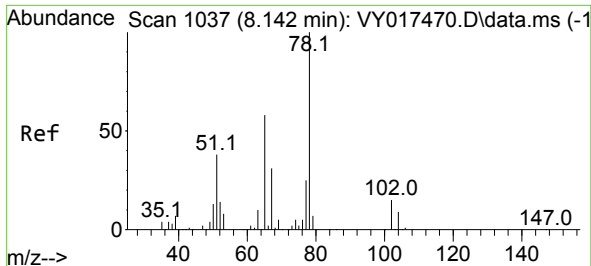
Tgt Ion: 56 Resp: 50659
Ion Ratio Lower Upper
56 100
69 40.6 28.7 43.1
84 105.3 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 20.298 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

Tgt Ion: 97 Resp: 56389
Ion Ratio Lower Upper
97 100
99 64.9 50.3 75.5
61 40.6 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 46.972 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

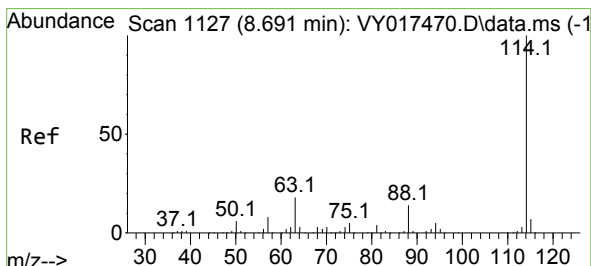
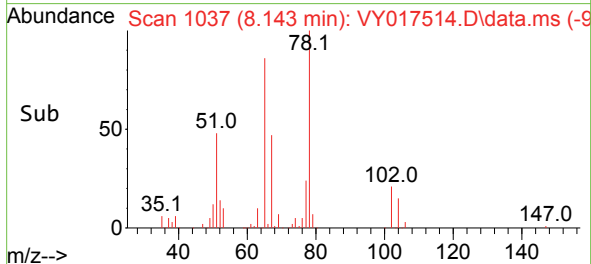
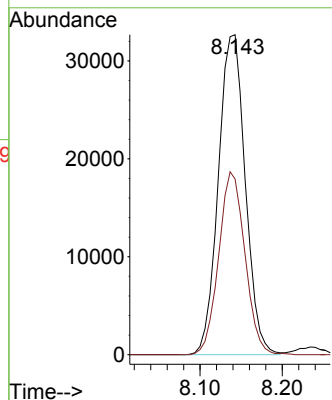
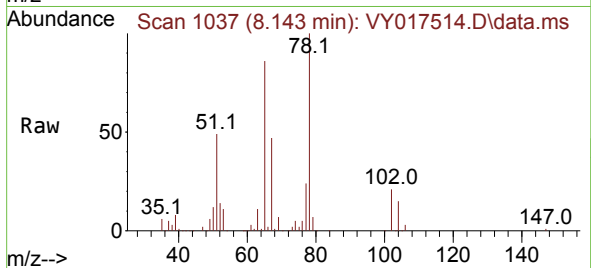
VY0228SBS01

Tgt Ion: 65 Resp: 74354

Ion Ratio Lower Upper

65 100

67 55.7 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: VY017514.D

Acq: 28 Feb 2024 12:07

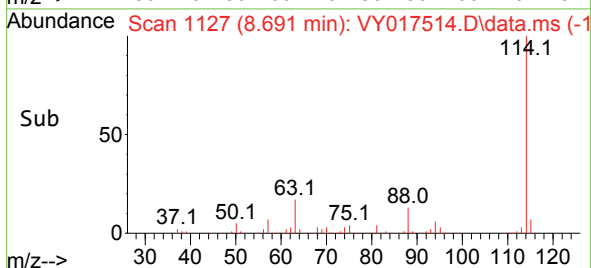
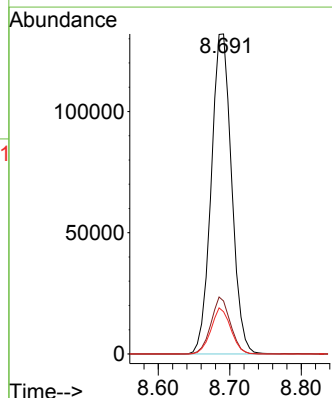
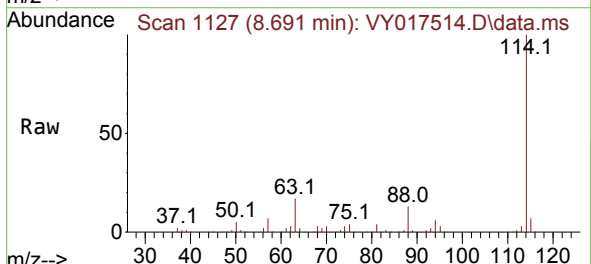
Tgt Ion: 114 Resp: 261197

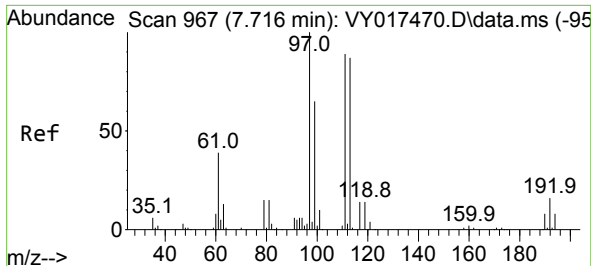
Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

88 13.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 48.270 ug/l

RT: 7.716 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

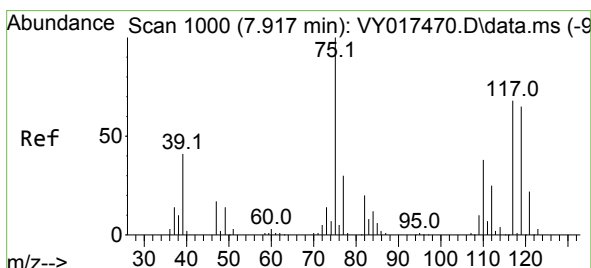
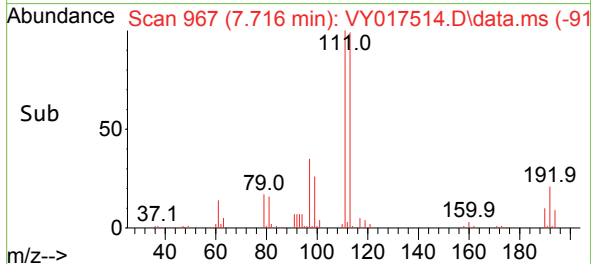
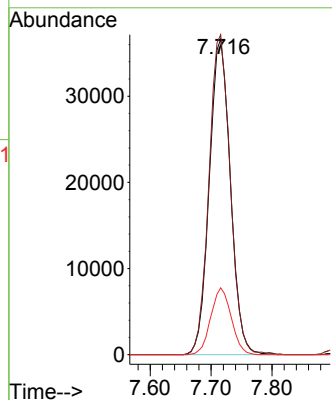
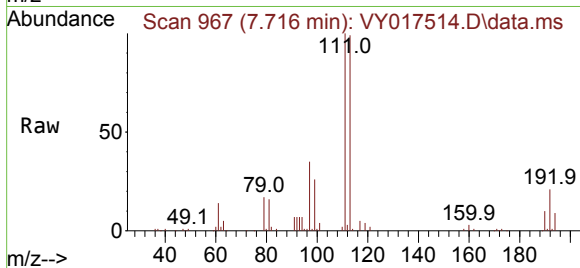
Tgt Ion:113 Resp: 87856

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

192 20.6 15.9 23.9



#36

1,1-Dichloropropene

Concen: 20.079 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

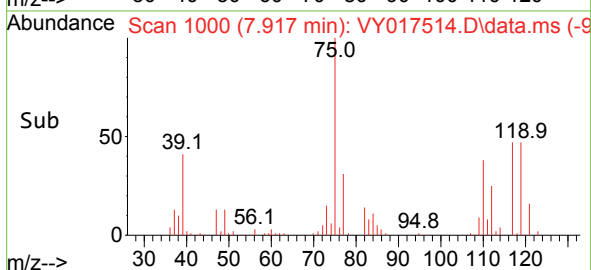
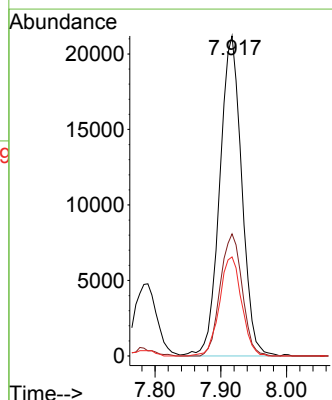
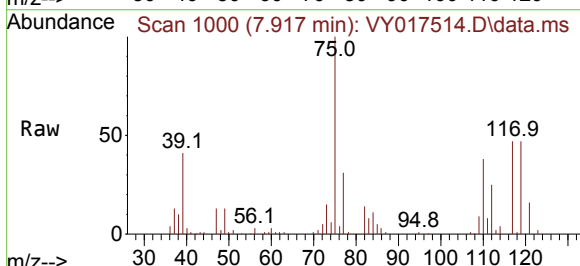
Tgt Ion: 75 Resp: 49308

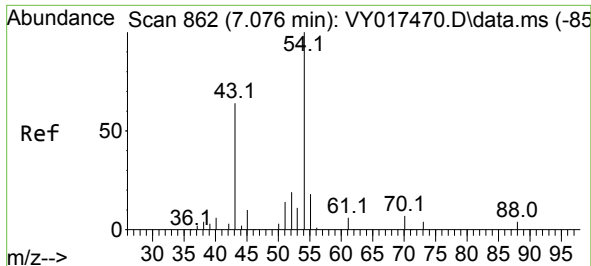
Ion Ratio Lower Upper

75 100

110 38.0 19.0 57.0

77 31.1 25.3 37.9





#37

Ethyl Acetate

Concen: 19.005 ug/l

RT: 7.070 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

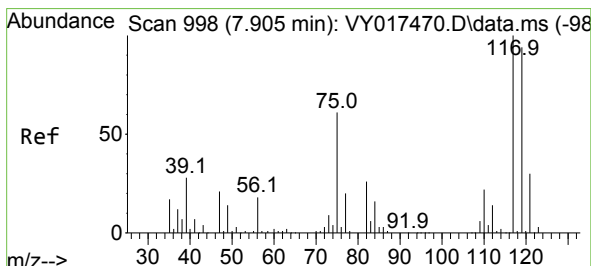
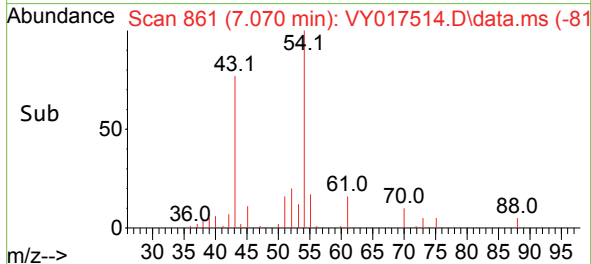
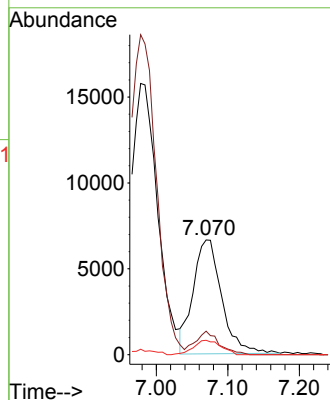
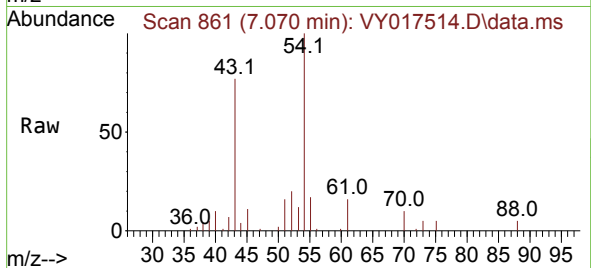
Tgt Ion: 43 Resp: 18433

Ion Ratio Lower Upper

43 100

61 17.1 12.6 19.0

70 12.1 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 20.221 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

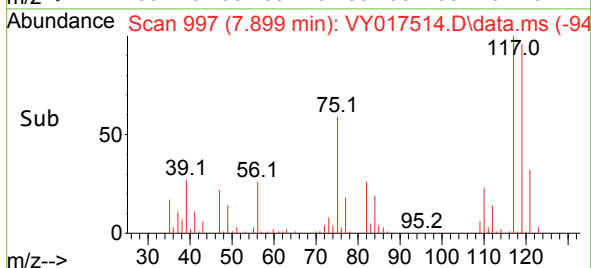
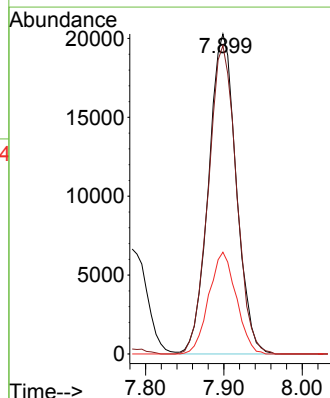
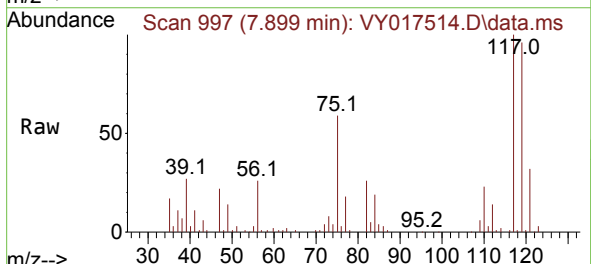
Tgt Ion:117 Resp: 49768

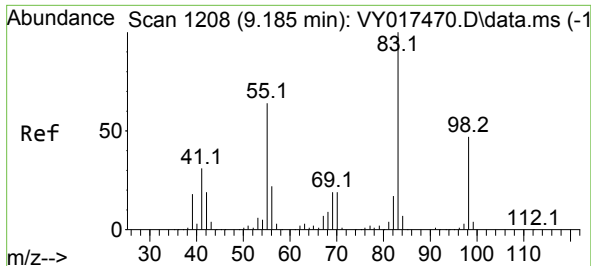
Ion Ratio Lower Upper

117 100

119 96.3 75.8 113.6

121 31.8 24.0 36.0





#39

Methylcyclohexane

Concen: 19.387 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

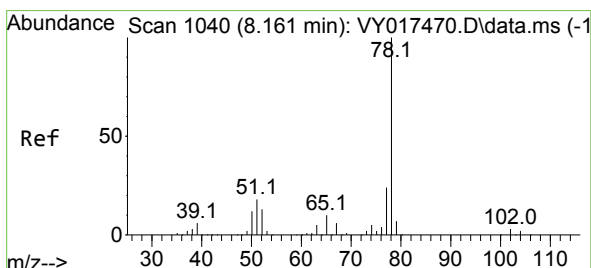
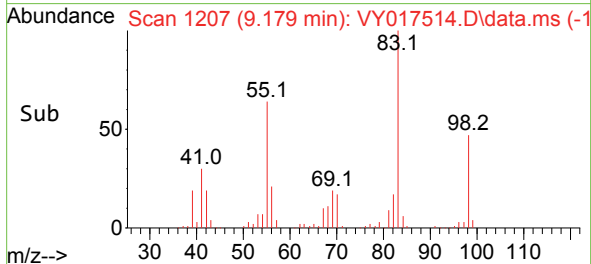
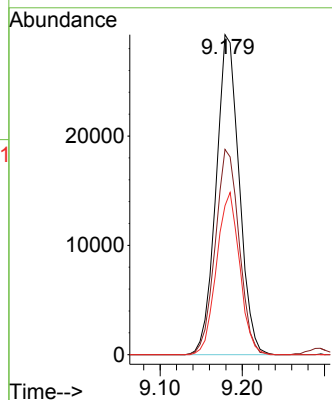
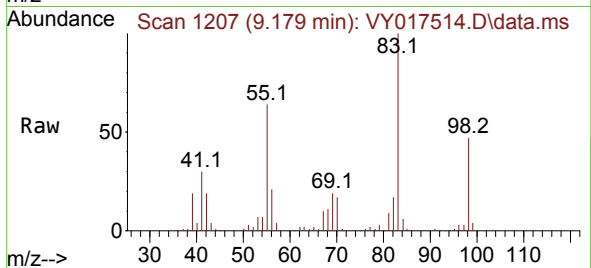
Tgt Ion: 83 Resp: 57215

Ion Ratio Lower Upper

83 100

55 64.2 51.5 77.3

98 46.5 40.5 60.7



#40

Benzene

Concen: 20.001 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY017514.D

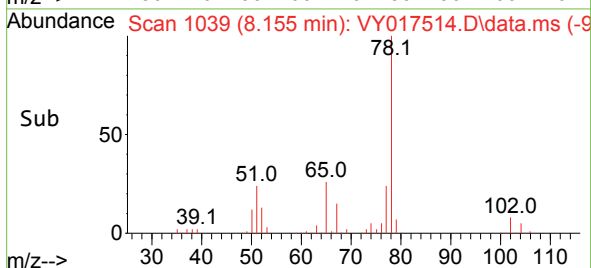
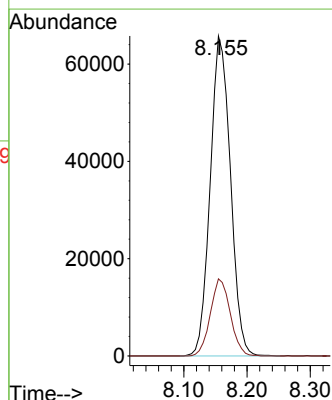
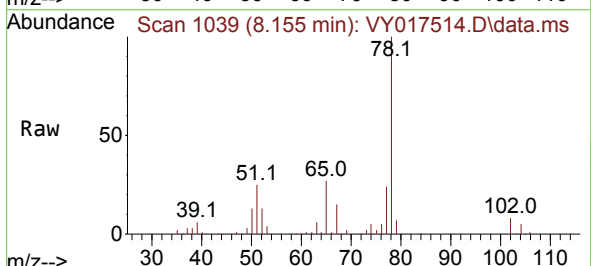
Acq: 28 Feb 2024 12:07

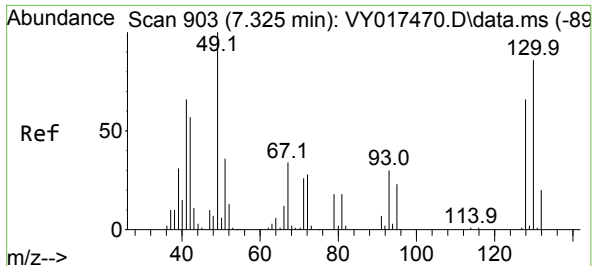
Tgt Ion: 78 Resp: 145860

Ion Ratio Lower Upper

78 100

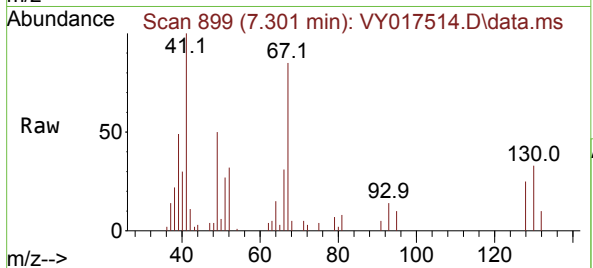
77 24.1 19.5 29.3



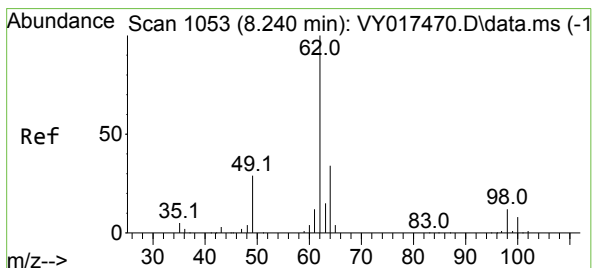
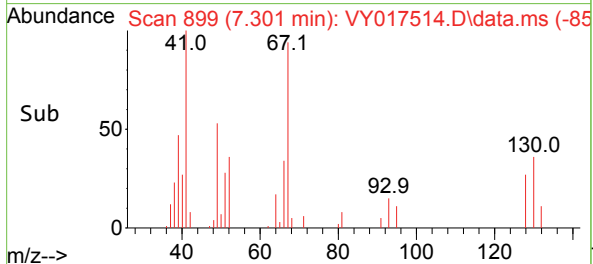
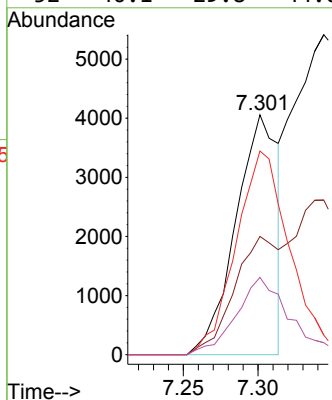


#41
Methacrylonitrile
Concen: 16.371 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.024 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

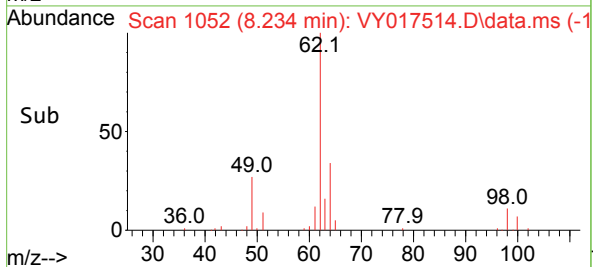
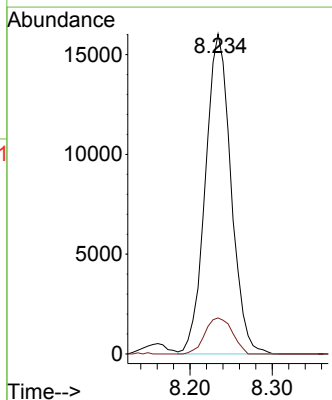
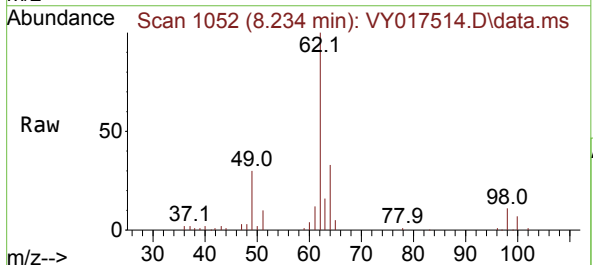


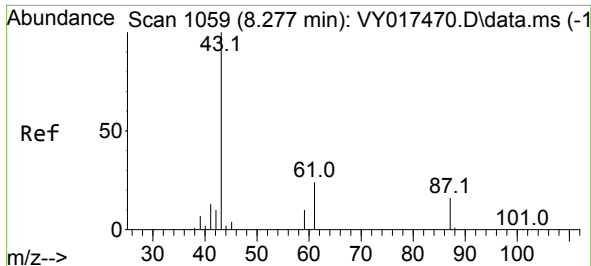
Tgt Ion:	41	Resp:	7968
Ion	Ratio	Lower	Upper
41	100		
39	51.4	48.0	72.0
67	109.1	75.1	112.7
52	40.1	29.8	44.6



#42
1,2-Dichloroethane
Concen: 19.485 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

Tgt Ion:	62	Resp:	34671
Ion	Ratio	Lower	Upper
62	100		
98	12.0	0.0	22.0

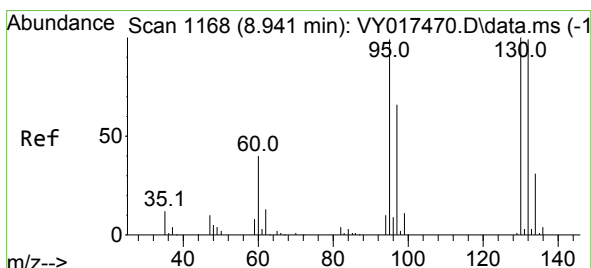
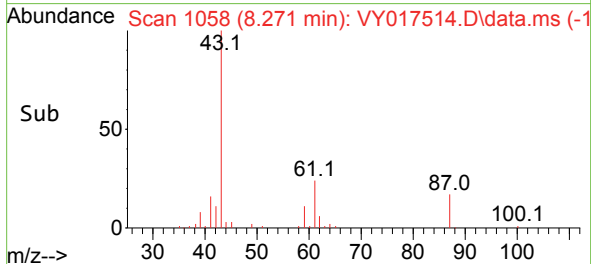
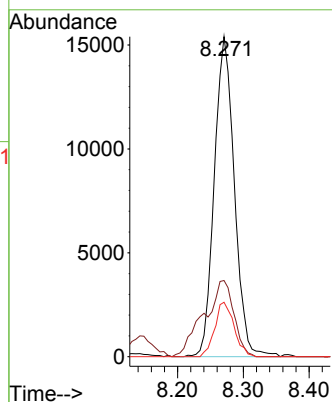
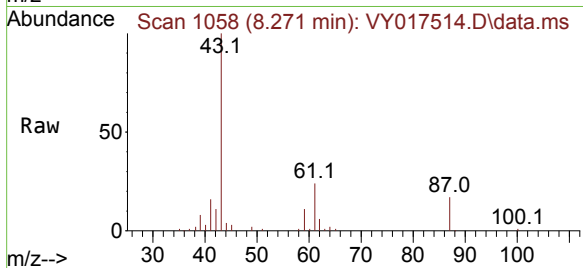




#43
Isopropyl Acetate
Concen: 19.212 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

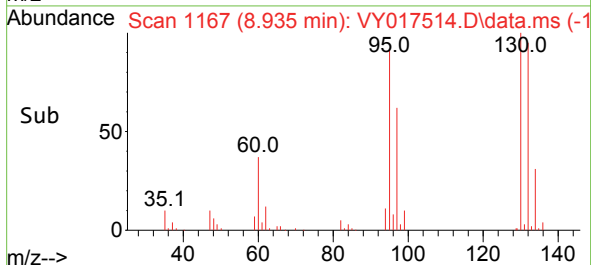
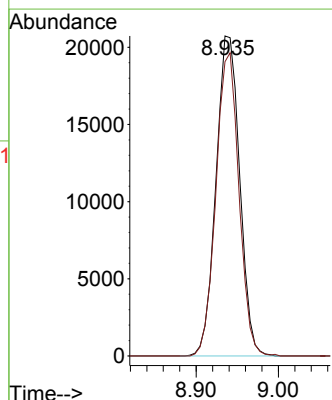
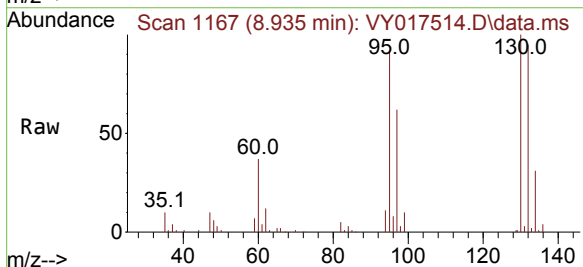
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

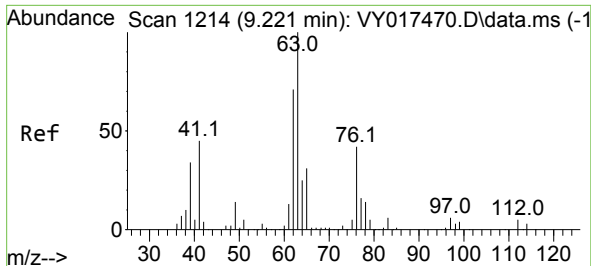
Tgt Ion: 43 Resp: 32745
Ion Ratio Lower Upper
43 100
61 35.4 27.9 41.9
87 16.4 13.1 19.7



#44
Trichloroethene
Concen: 19.744 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

Tgt Ion:130 Resp: 41502
Ion Ratio Lower Upper
130 100
95 92.0 0.0 188.0

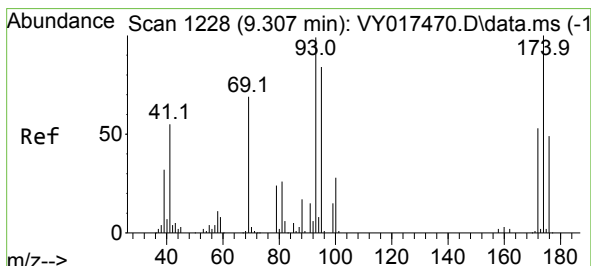
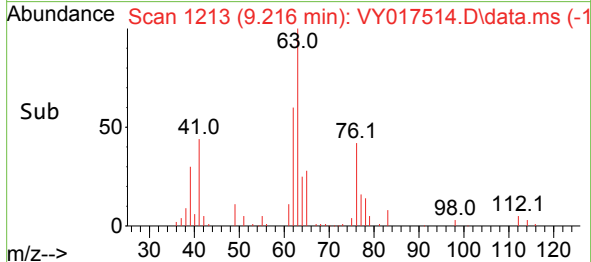
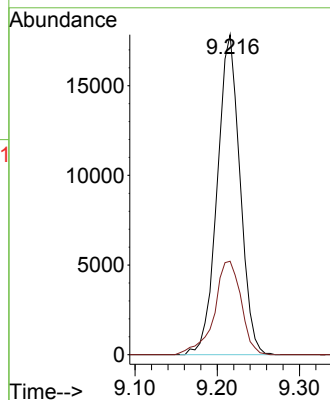
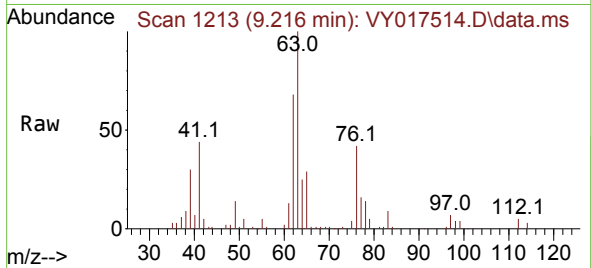




#45
1,2-Dichloropropane
Concen: 19.789 ug/l
RT: 9.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

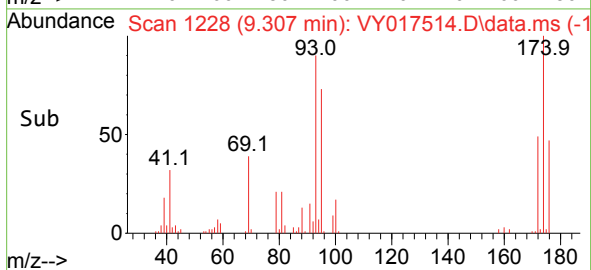
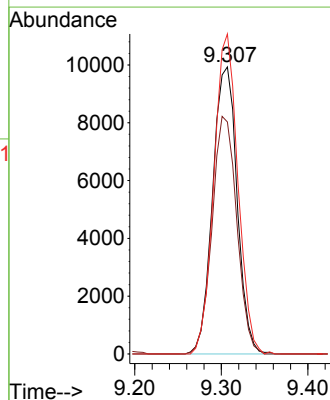
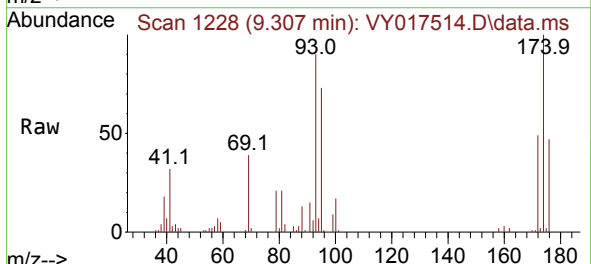
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

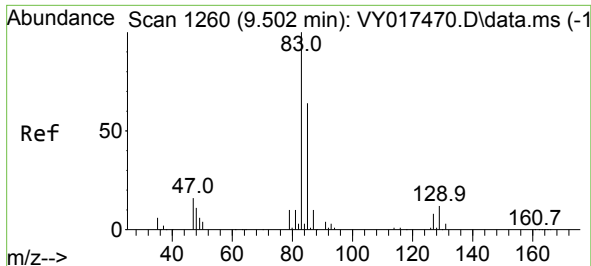
Tgt Ion: 63 Resp: 34335
Ion Ratio Lower Upper
63 100
65 29.2 25.4 38.2



#46
Dibromomethane
Concen: 19.615 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

Tgt Ion: 93 Resp: 19477
Ion Ratio Lower Upper
93 100
95 83.6 66.2 99.4
174 109.2 80.9 121.3

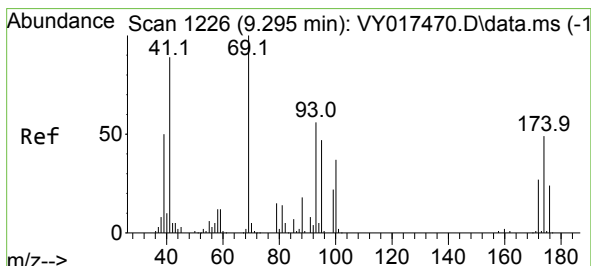
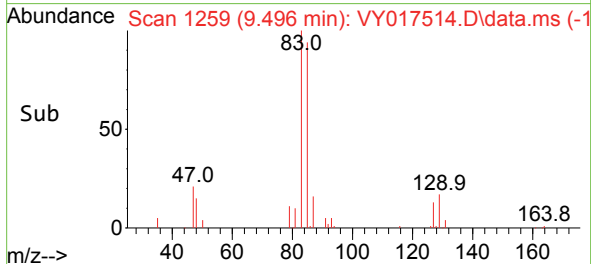
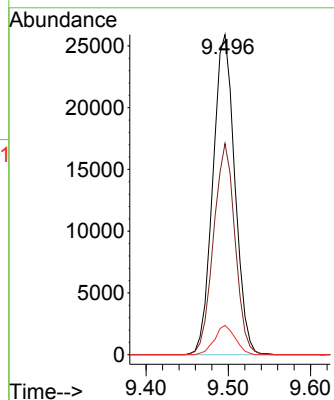
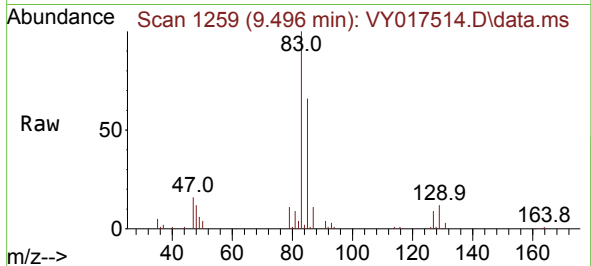




#47
Bromodichloromethane
Concen: 19.926 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

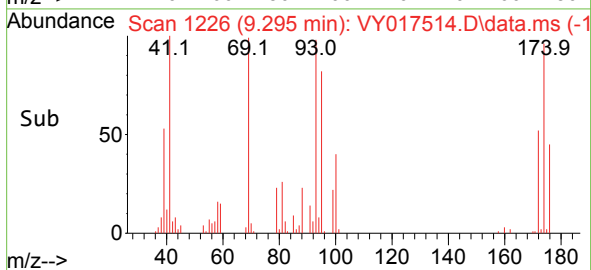
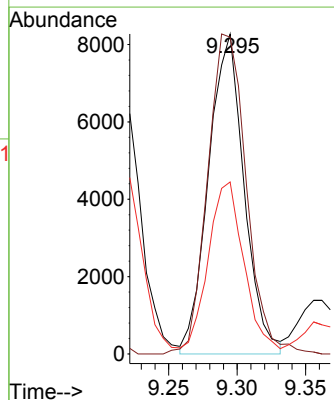
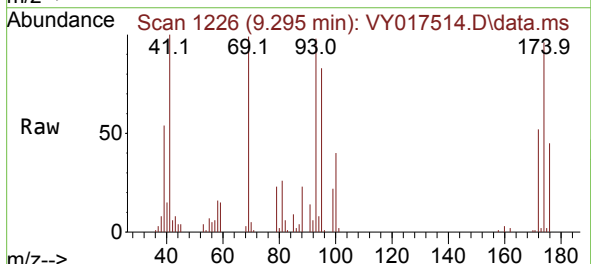
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

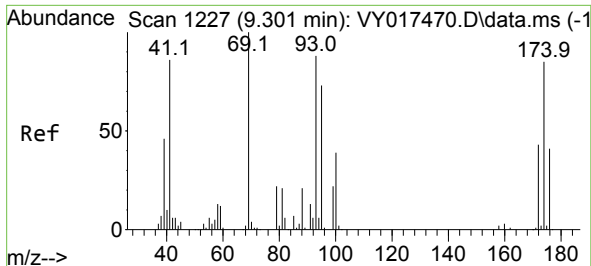
Tgt Ion: 83 Resp: 48042
Ion Ratio Lower Upper
83 100
85 66.0 50.1 75.1
127 9.1 7.4 11.0



#48
Methyl methacrylate
Concen: 18.928 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

Tgt Ion: 41 Resp: 14933
Ion Ratio Lower Upper
41 100
69 108.6 84.1 126.1
39 50.9 43.6 65.4





#49

1,4-Dioxane

Concen: 384.952 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

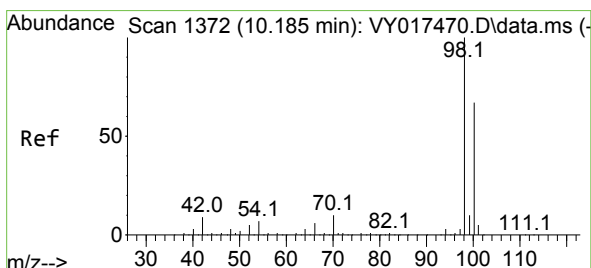
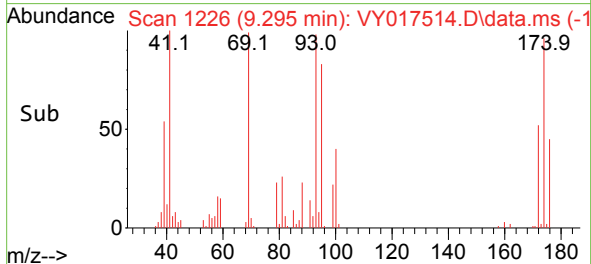
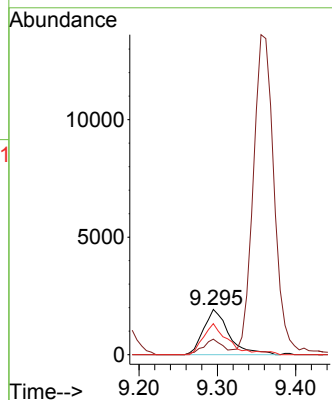
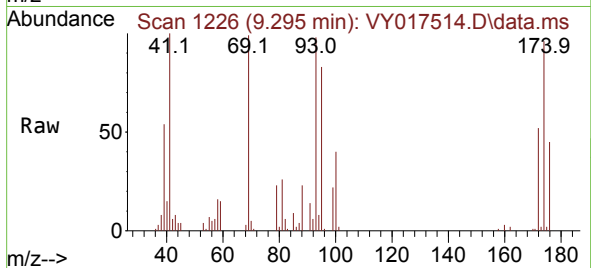
Tgt Ion: 88 Resp: 4326

Ion Ratio Lower Upper

88 100

43 25.9 0.0 0.0#

58 68.4 49.3 73.9



#50

Toluene-d8

Concen: 51.810 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY017514.D

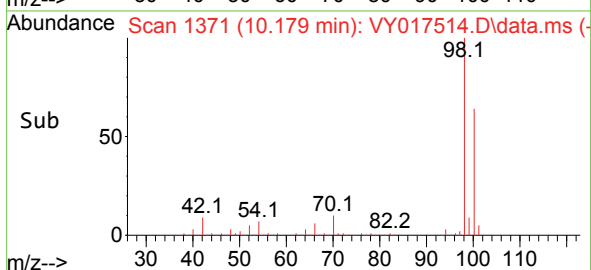
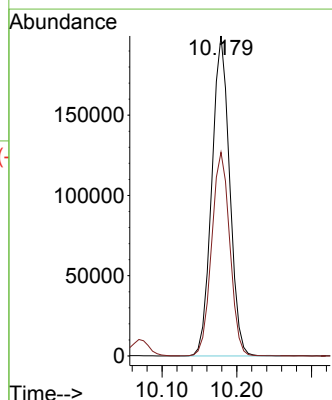
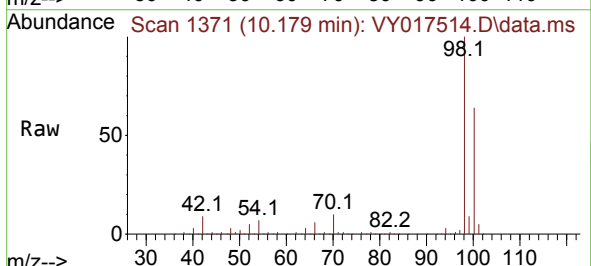
Acq: 28 Feb 2024 12:07

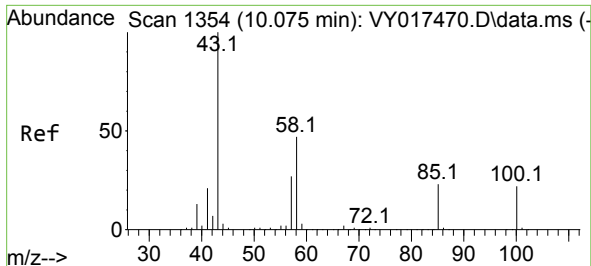
Tgt Ion: 98 Resp: 329707

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0

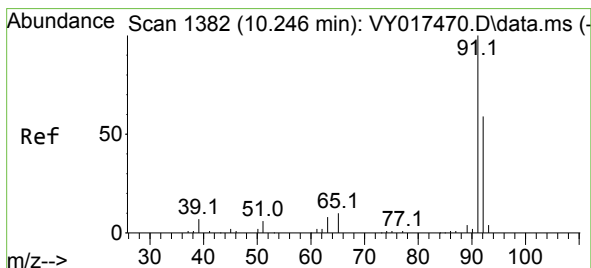
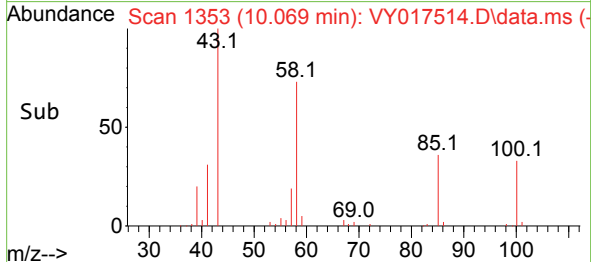
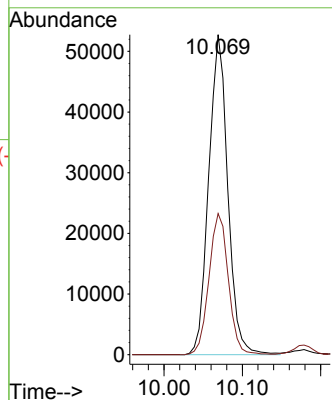
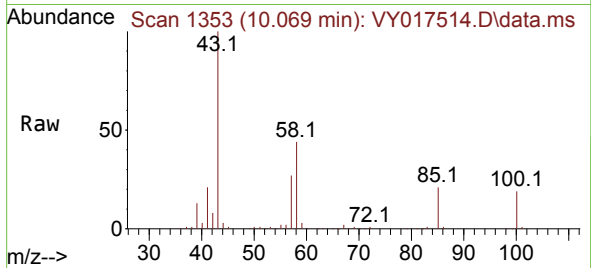




#51
4-Methyl-2-Pentanone
Concen: 93.875 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

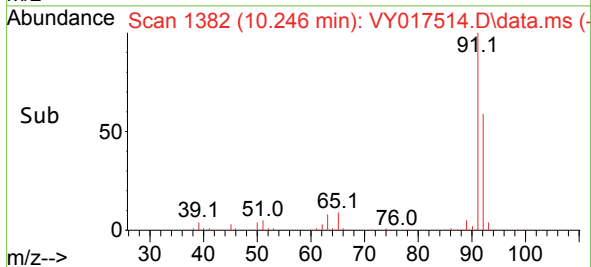
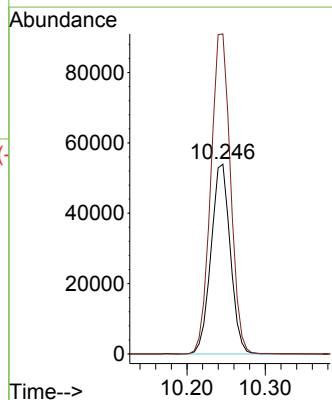
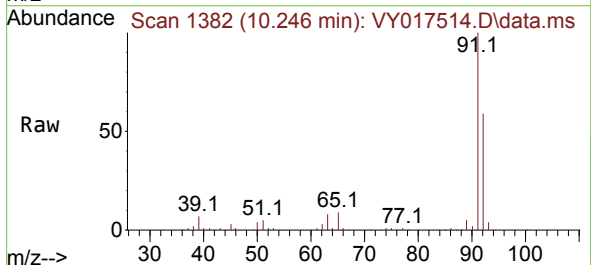
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

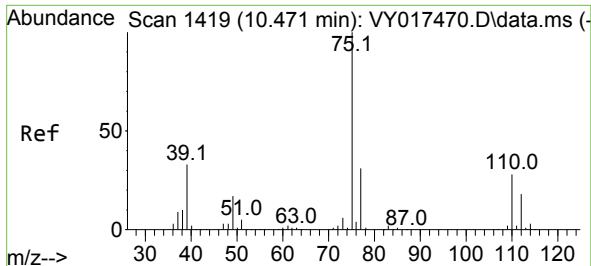
Tgt Ion: 43 Resp: 89173
Ion Ratio Lower Upper
43 100
58 44.8 35.7 53.5



#52
Toluene
Concen: 20.037 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

Tgt Ion: 92 Resp: 92119
Ion Ratio Lower Upper
92 100
91 172.7 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 19.661 ug/l

RT: 10.465 min Scan# 1419

Delta R.T. -0.006 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

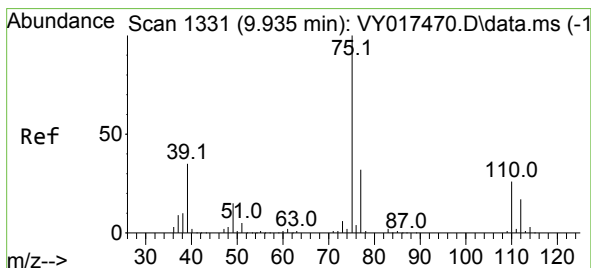
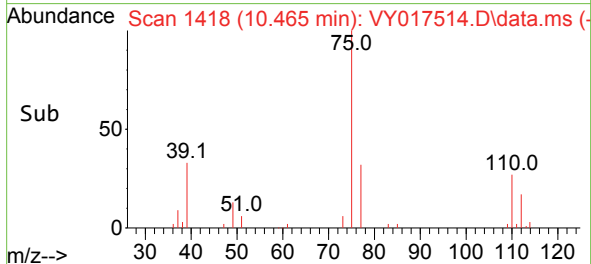
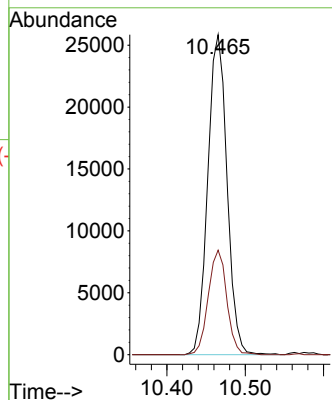
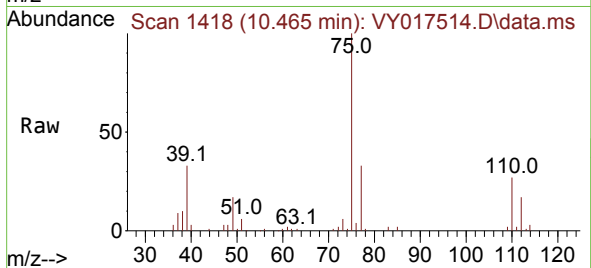
VY0228SBS01

Tgt Ion: 75 Resp: 43998

Ion Ratio Lower Upper

75 100

77 32.7 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 19.653 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. -0.006 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

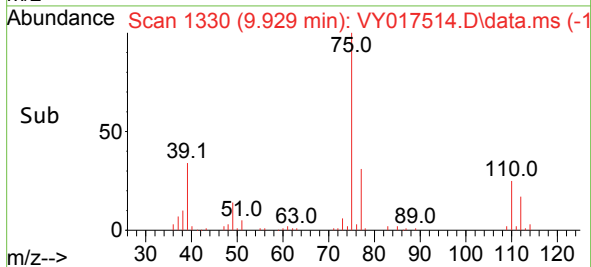
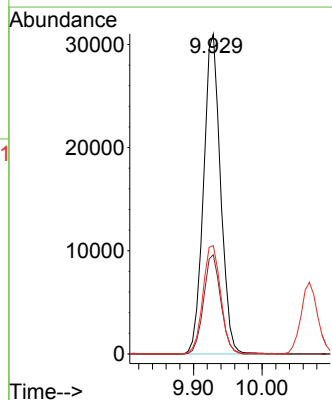
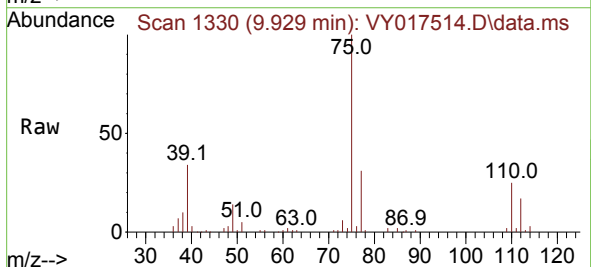
Tgt Ion: 75 Resp: 53442

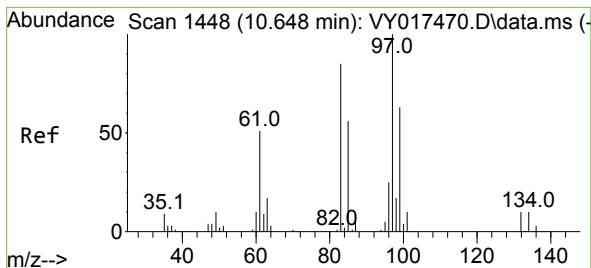
Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0

39 33.9 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 19.741 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

Tgt Ion: 97 Resp: 27832

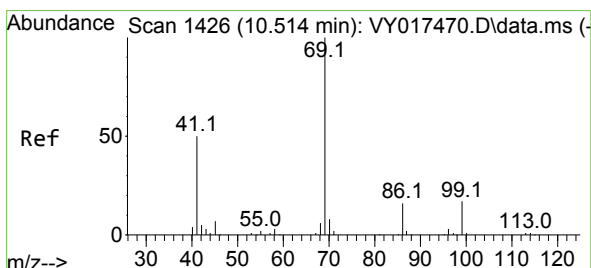
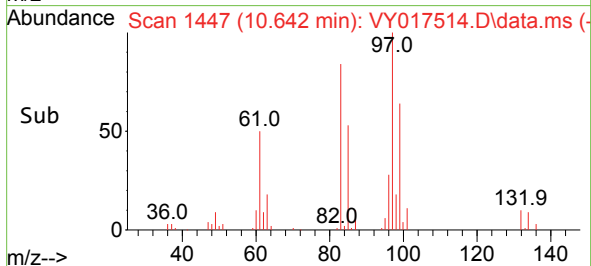
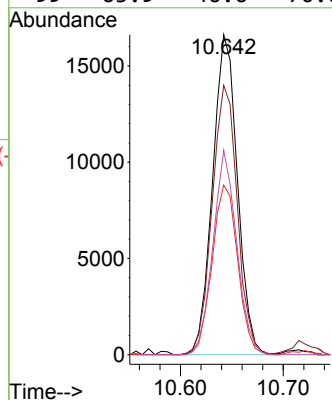
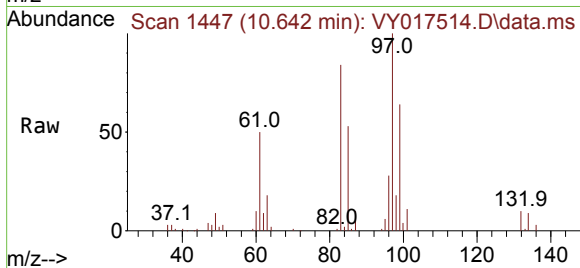
Ion Ratio Lower Upper

97 100

83 84.2 67.5 101.3

85 53.0 42.9 64.3

99 63.9 46.6 70.0



#56

Ethyl methacrylate

Concen: 18.854 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

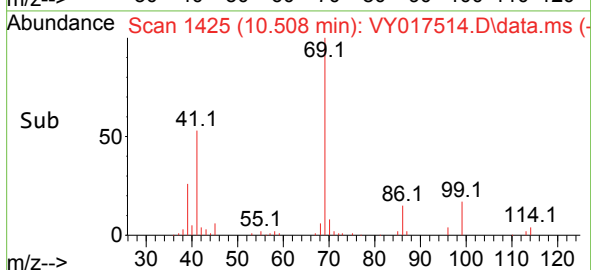
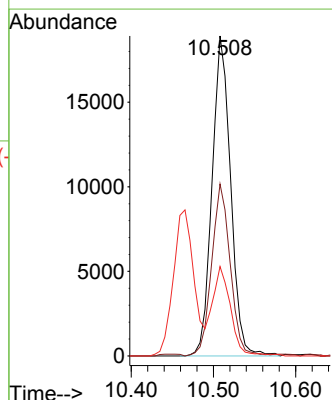
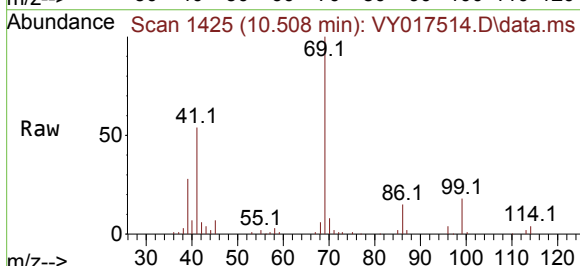
Tgt Ion: 69 Resp: 29813

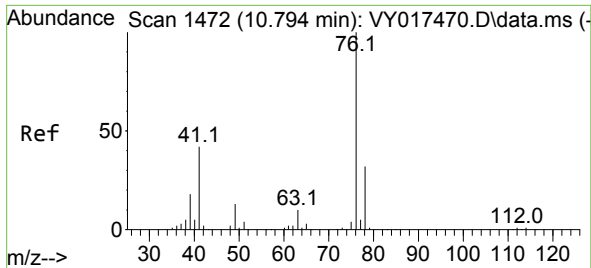
Ion Ratio Lower Upper

69 100

41 53.8 42.3 63.5

39 27.2 22.9 34.3

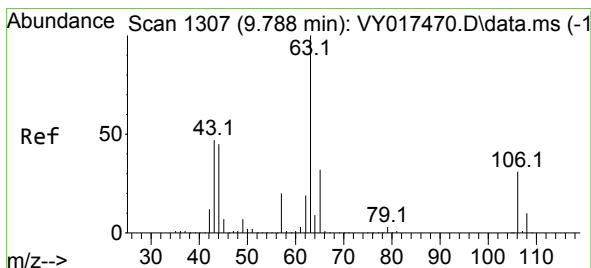
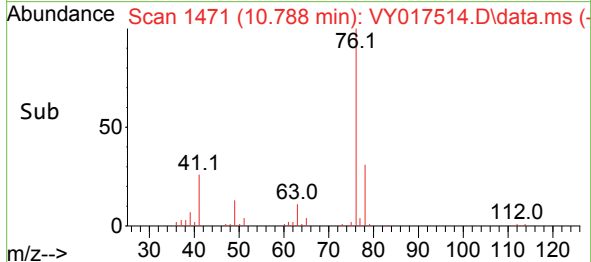
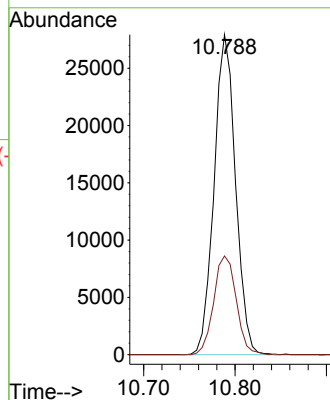
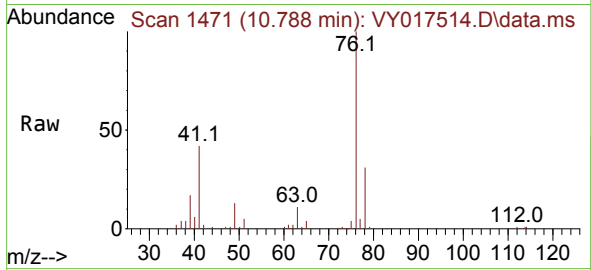




#57
1,3-Dichloropropane
Concen: 19.833 ug/l
RT: 10.788 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

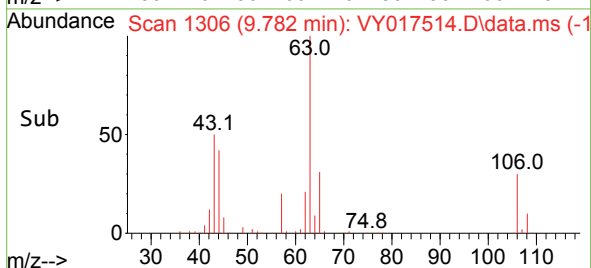
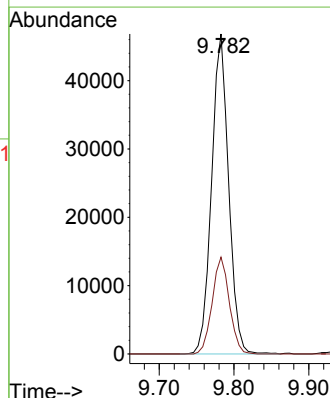
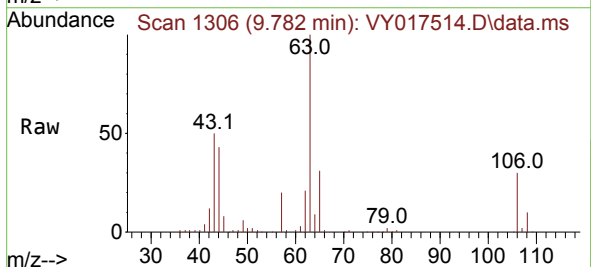
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

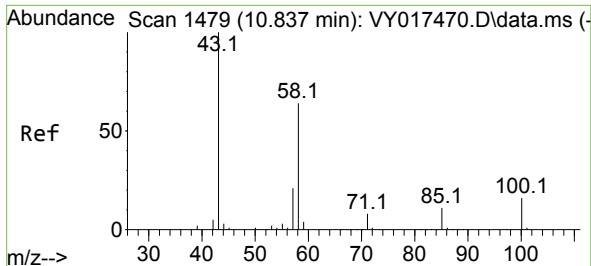
Tgt Ion: 76 Resp: 45461
Ion Ratio Lower Upper
76 100
78 32.4 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 91.021 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

Tgt Ion: 63 Resp: 74051
Ion Ratio Lower Upper
63 100
106 30.4 23.7 35.5

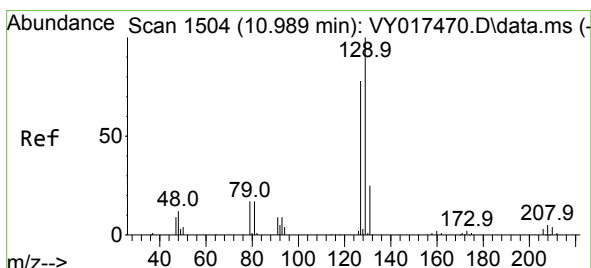
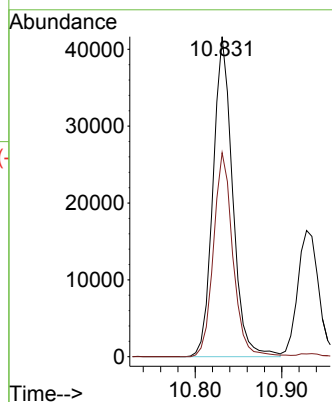
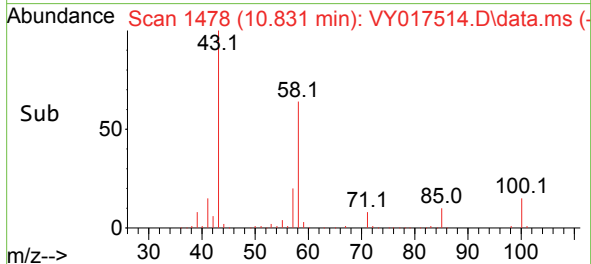
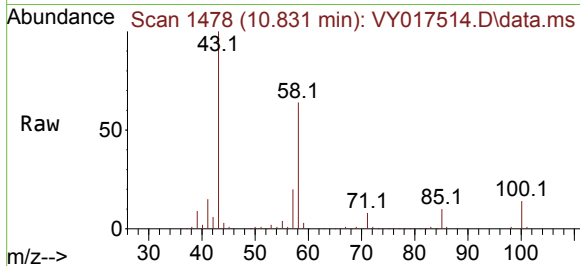




#59
2-Hexanone
Concen: 100.226 ug/l
RT: 10.831 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

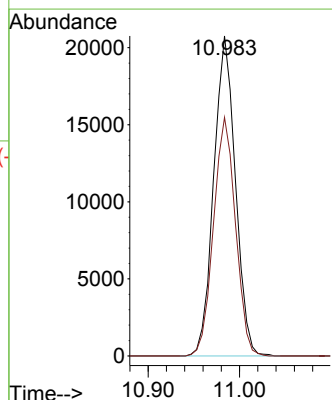
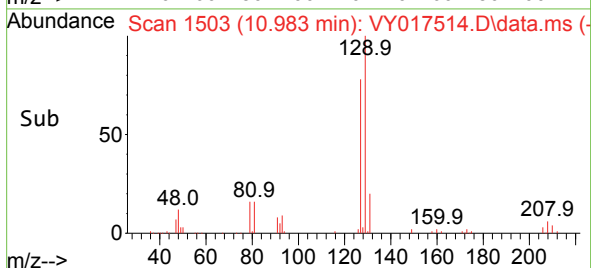
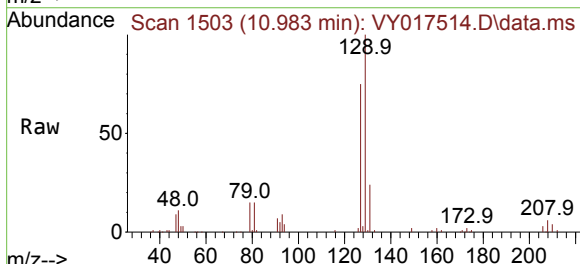
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

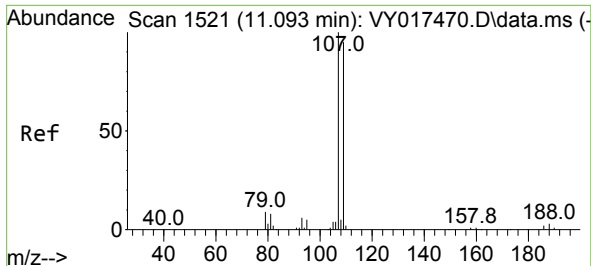
Tgt Ion: 43 Resp: 65395
Ion Ratio Lower Upper
43 100
58 63.1 31.4 94.0



#60
Dibromochloromethane
Concen: 20.489 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

Tgt Ion: 129 Resp: 34173
Ion Ratio Lower Upper
129 100
127 75.7 39.0 117.0

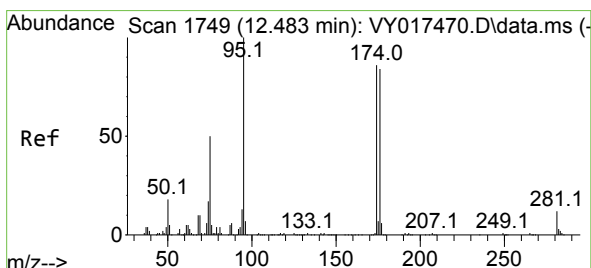
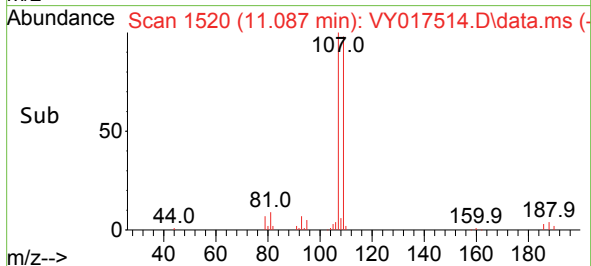
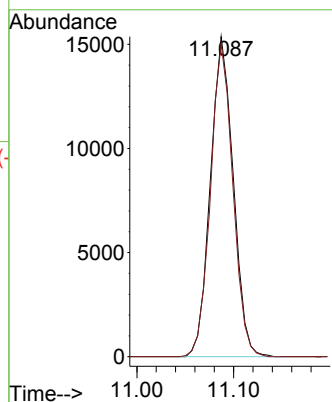
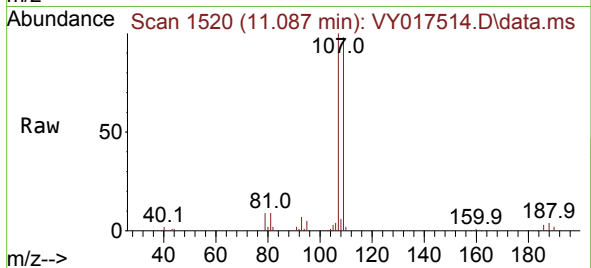




#61
1,2-Dibromoethane
Concen: 19.371 ug/l
RT: 11.087 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

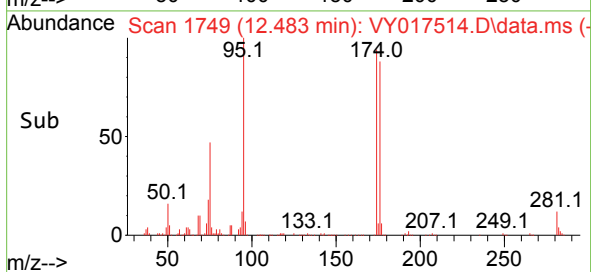
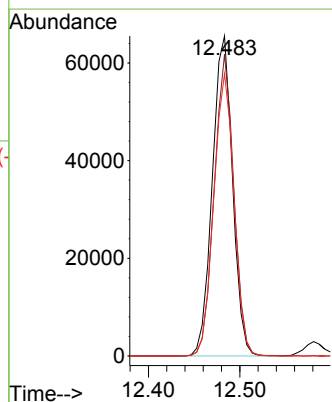
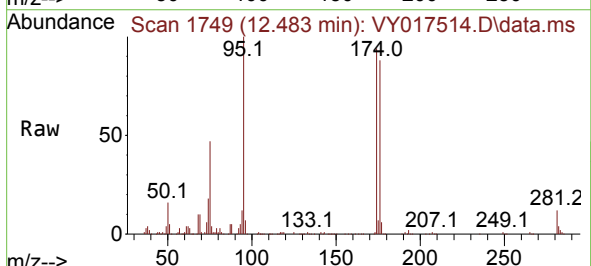
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBSD01

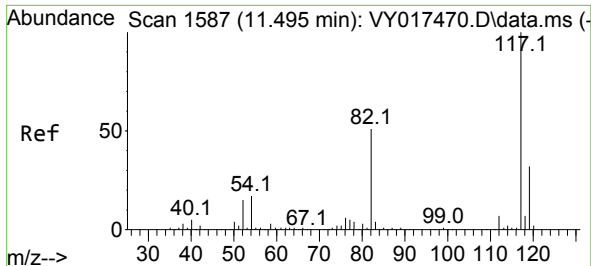
Tgt Ion:107 Resp: 25167
Ion Ratio Lower Upper
107 100
109 95.9 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 50.223 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

Tgt Ion: 95 Resp: 100444
Ion Ratio Lower Upper
95 100
174 91.9 0.0 175.6
176 88.7 0.0 171.4

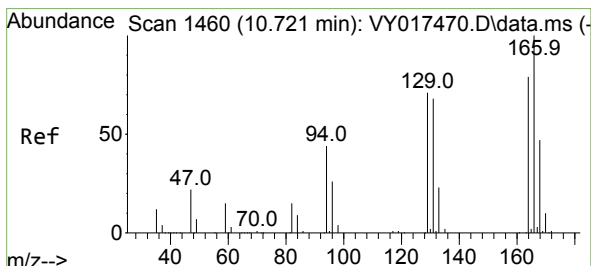
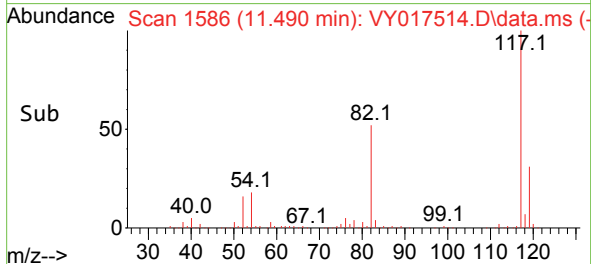
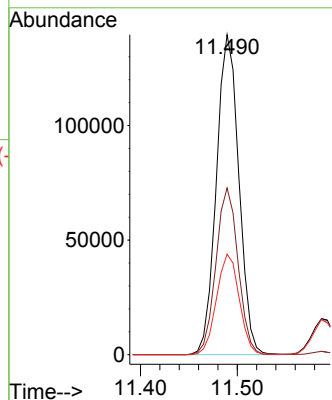
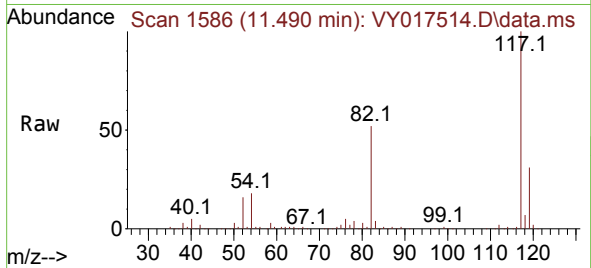




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

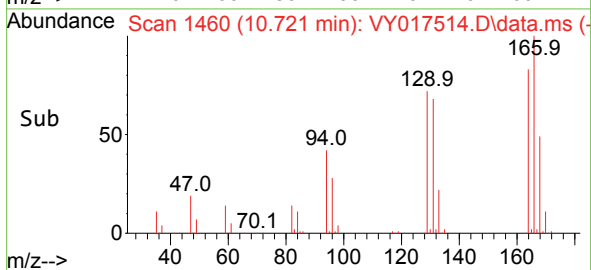
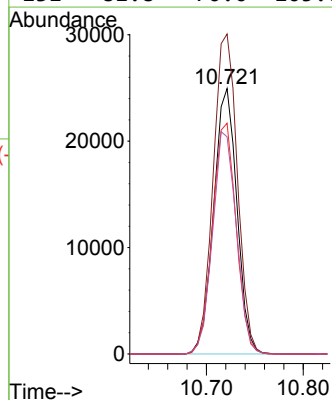
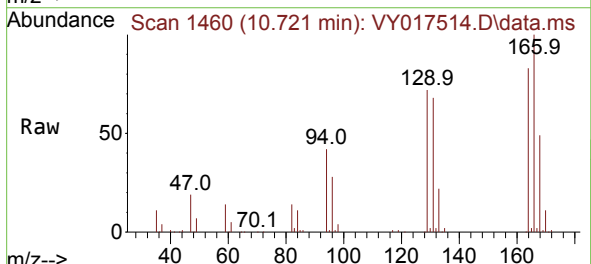
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

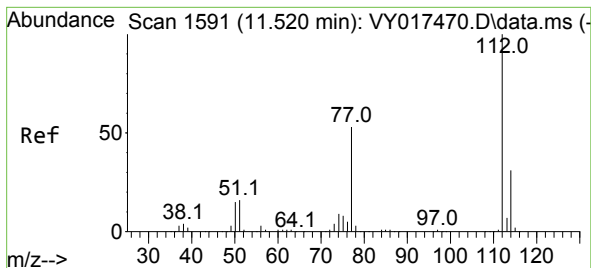
Tgt Ion:117 Resp: 225306
Ion Ratio Lower Upper
117 100
82 52.1 42.4 63.6
119 31.4 25.9 38.9



#64
Tetrachloroethene
Concen: 19.298 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

Tgt Ion:164 Resp: 41732
Ion Ratio Lower Upper
164 100
166 120.5 102.6 154.0
129 86.9 72.0 108.0
131 81.8 70.0 105.0

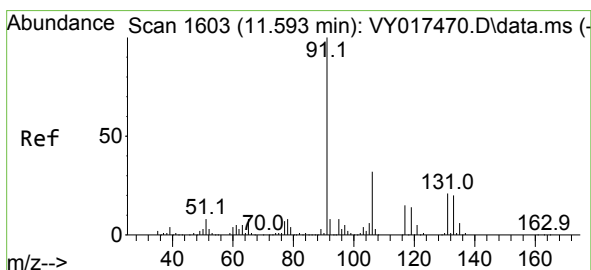
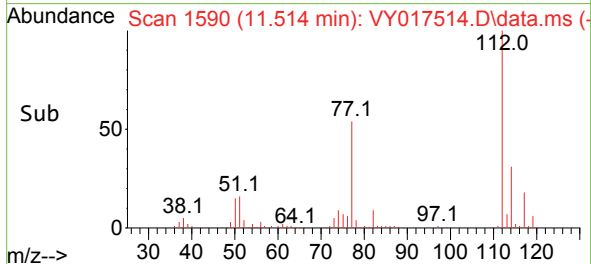
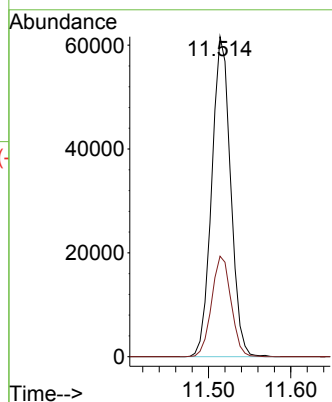
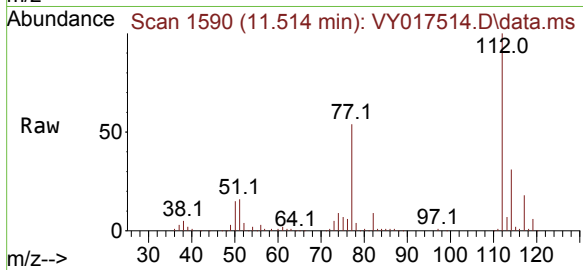




#65
Chlorobenzene
Concen: 20.538 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

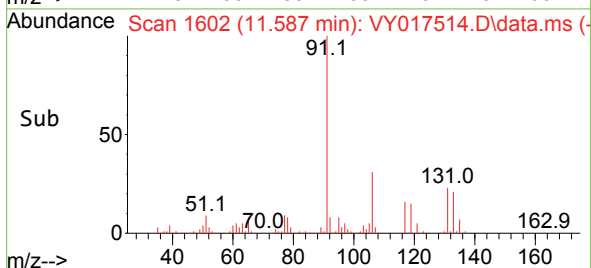
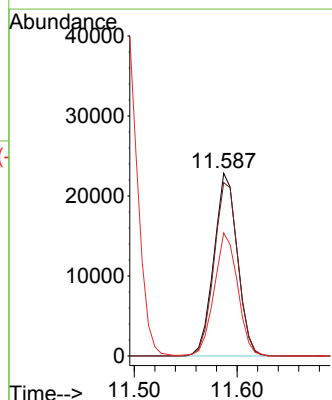
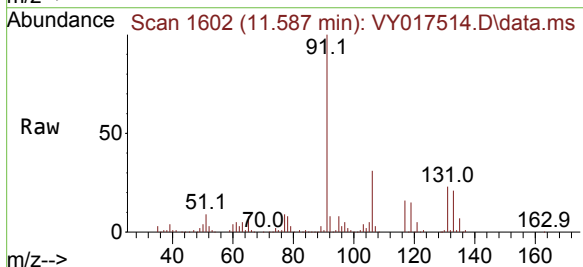
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

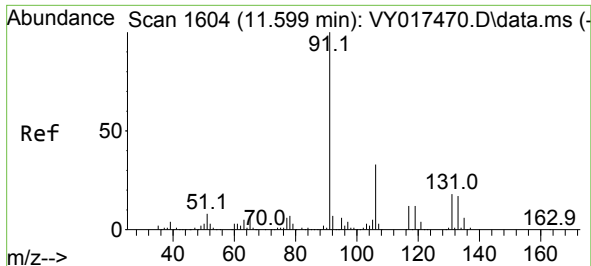
Tgt Ion:112 Resp: 98218
Ion Ratio Lower Upper
112 100
114 31.4 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.174 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

Tgt Ion:131 Resp: 36143
Ion Ratio Lower Upper
131 100
133 96.8 47.8 143.3
119 67.5 34.1 102.2





#67

Ethyl Benzene

Concen: 20.240 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.006 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

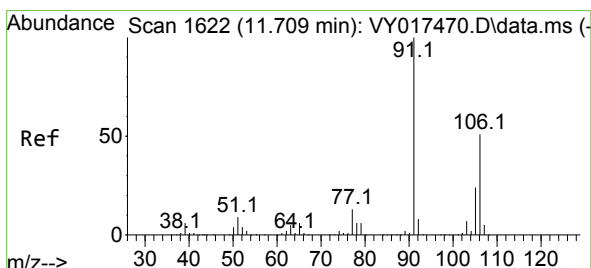
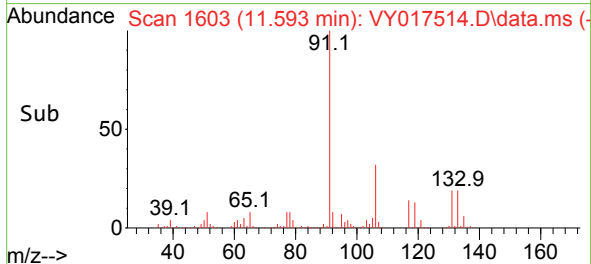
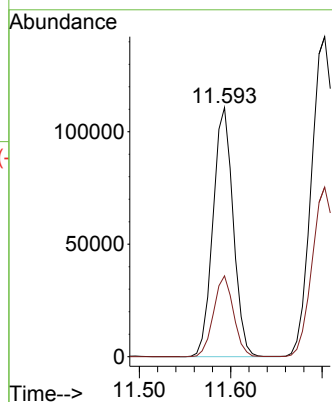
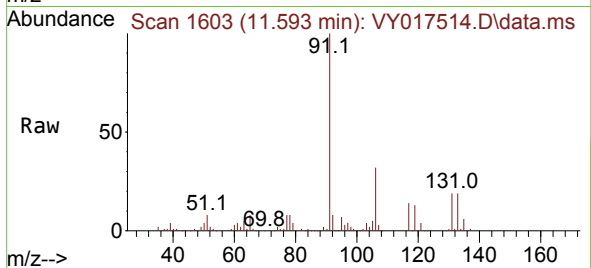
VY0228SBS01

Tgt Ion: 91 Resp: 169755

Ion Ratio Lower Upper

91 100

106 32.5 24.5 36.7



#68

m/p-Xylenes

Concen: 40.972 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.006 min

Lab File: VY017514.D

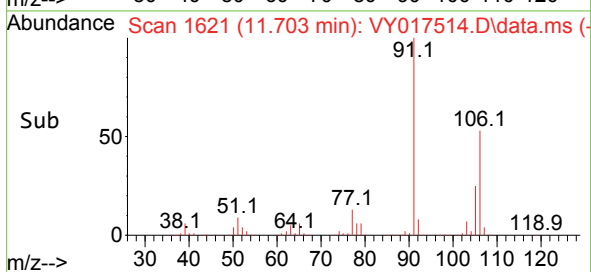
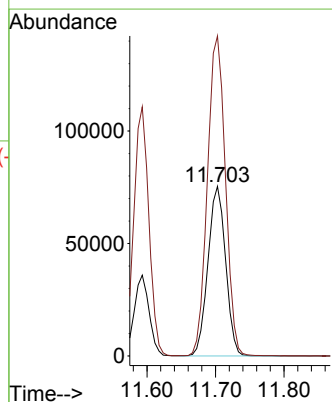
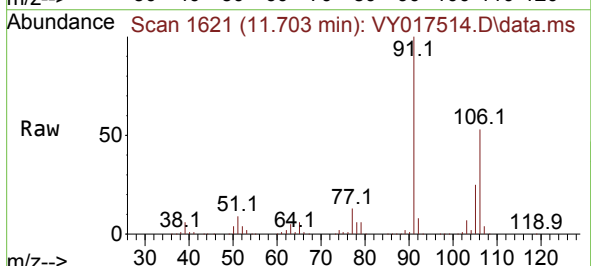
Acq: 28 Feb 2024 12:07

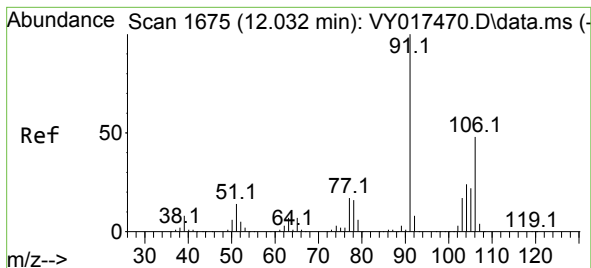
Tgt Ion:106 Resp: 135025

Ion Ratio Lower Upper

106 100

91 192.9 156.0 234.0





#69

o-Xylene

Concen: 20.247 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

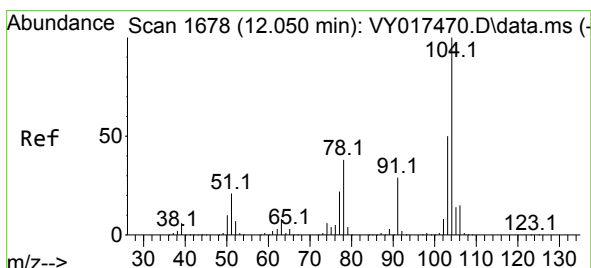
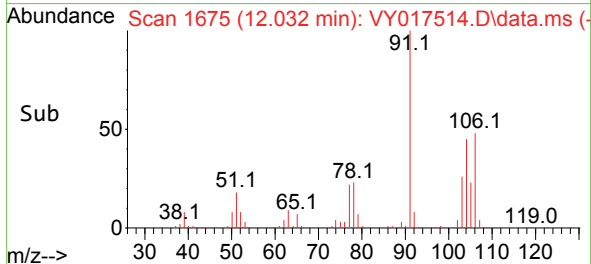
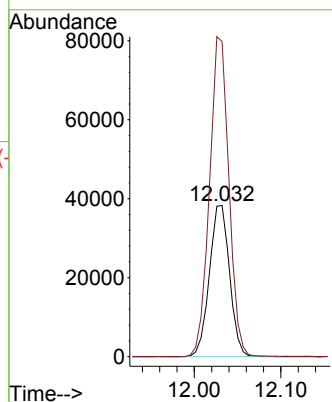
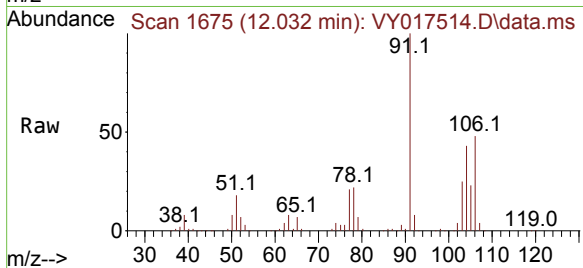
VY0228SBS01

Tgt Ion:106 Resp: 61903

Ion Ratio Lower Upper

106 100

91 203.8 103.6 310.8



#70

Styrene

Concen: 20.445 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.006 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

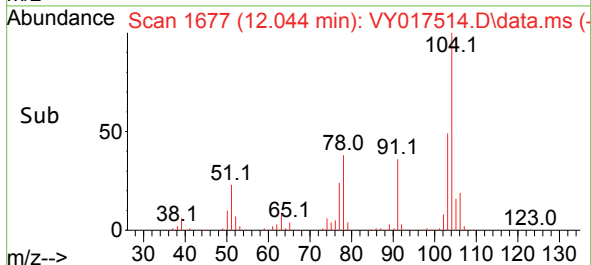
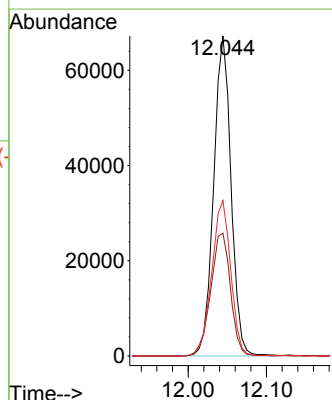
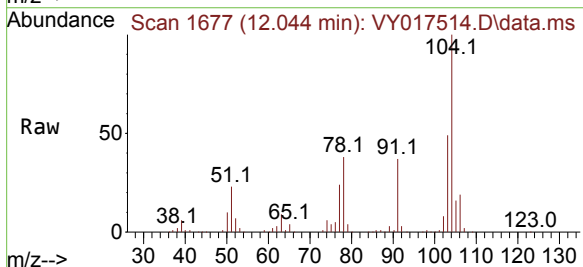
Tgt Ion:104 Resp: 103759

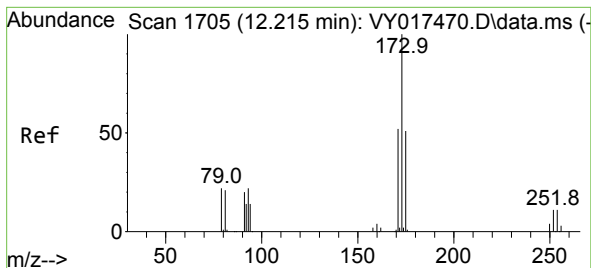
Ion Ratio Lower Upper

104 100

78 43.6 37.0 55.4

103 53.2 44.2 66.2





#71

Bromoform

Concen: 20.336 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.006 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

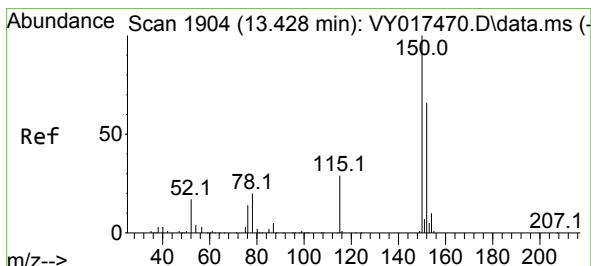
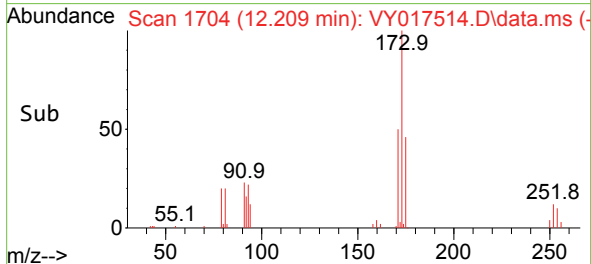
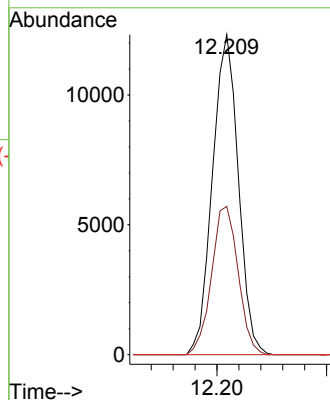
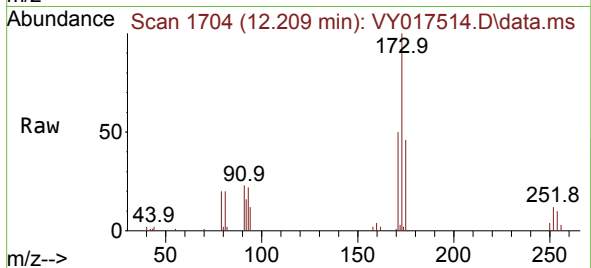
Tgt Ion:173 Resp: 20190

Ion Ratio Lower Upper

173 100

175 47.6 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: VY017514.D

Acq: 28 Feb 2024 12:07

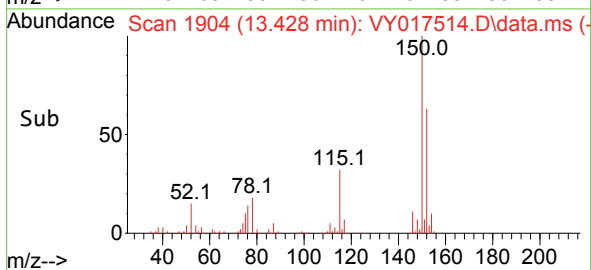
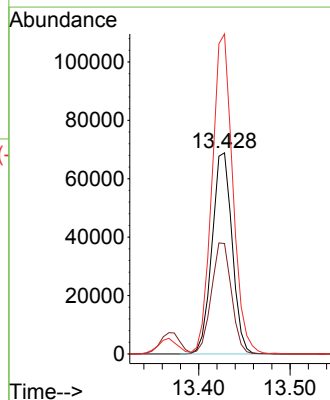
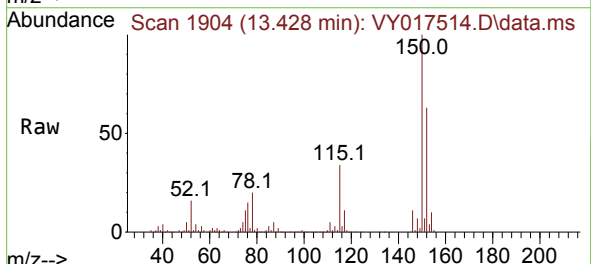
Tgt Ion:152 Resp: 105255

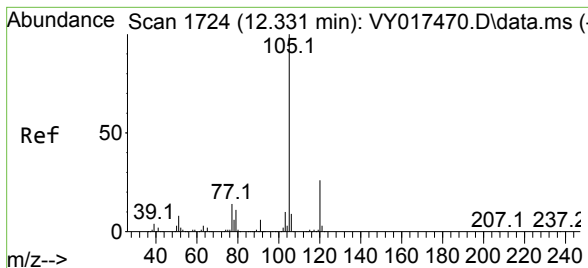
Ion Ratio Lower Upper

152 100

115 55.2 28.2 84.7

150 164.4 0.0 345.6





#73

Isopropylbenzene

Concen: 20.800 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

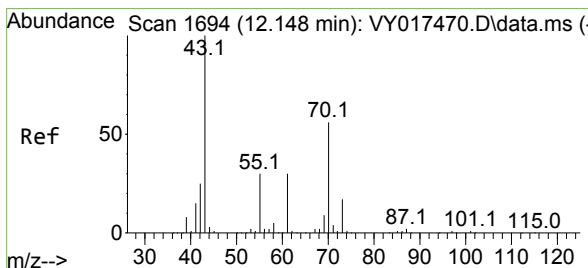
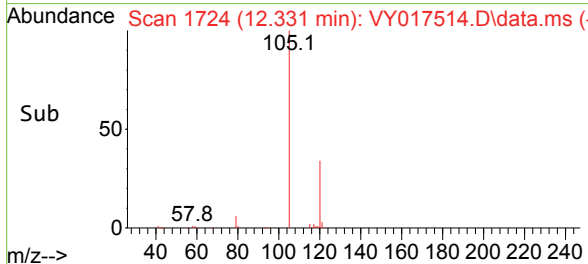
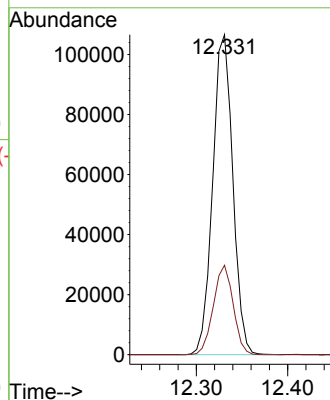
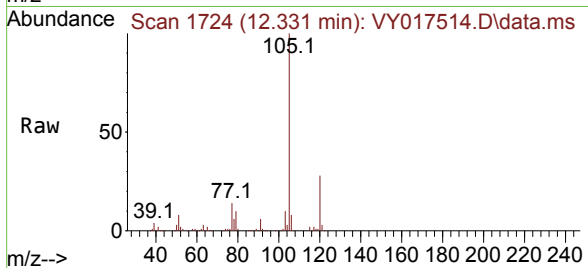
VY0228SBS01

Tgt Ion:105 Resp: 162648

Ion Ratio Lower Upper

105 100

120 27.5 13.4 40.1



#74

N-ethyl acetate

Concen: 20.120 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.006 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

Tgt Ion: 43 Resp: 27750

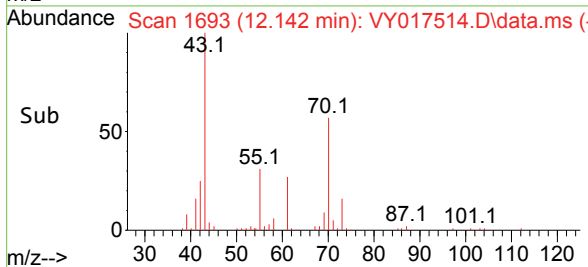
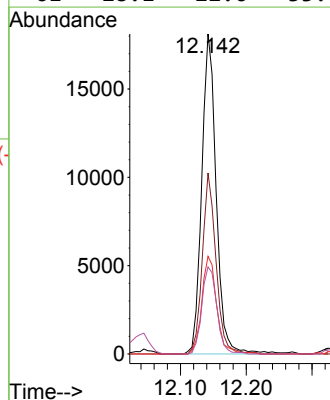
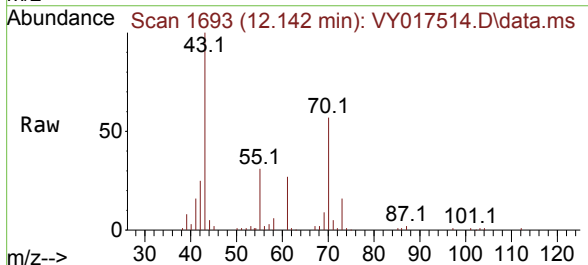
Ion Ratio Lower Upper

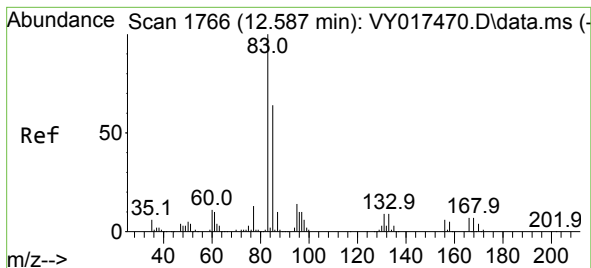
43 100

70 53.7 41.4 62.2

55 31.4 23.3 34.9

61 28.1 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.339 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.006 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

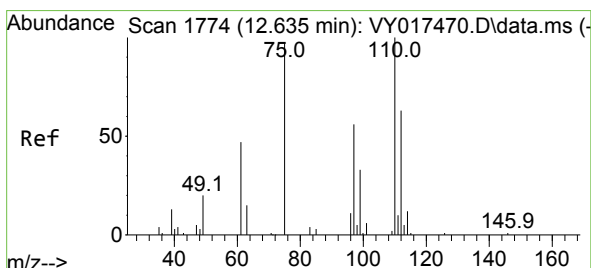
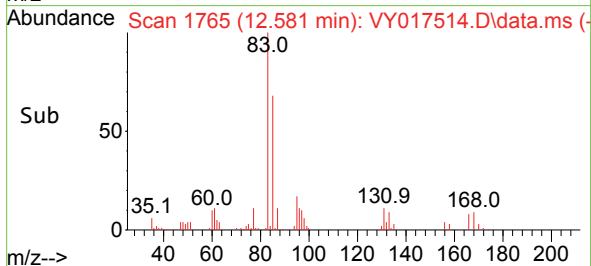
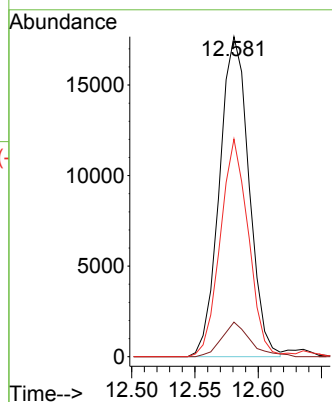
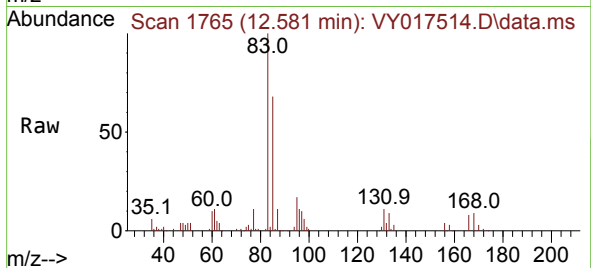
Tgt Ion: 83 Resp: 28655

Ion Ratio Lower Upper

83 100

131 10.4 5.0 14.9

85 64.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 34.977 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY017514.D

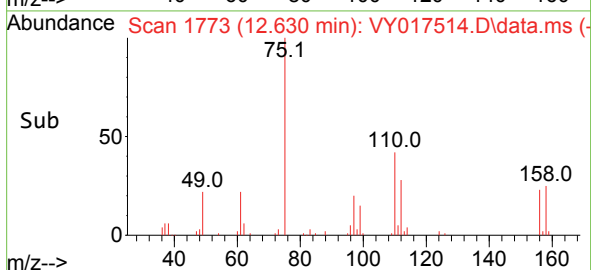
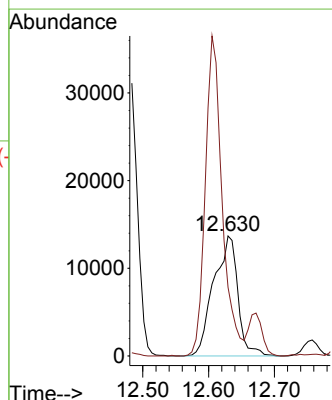
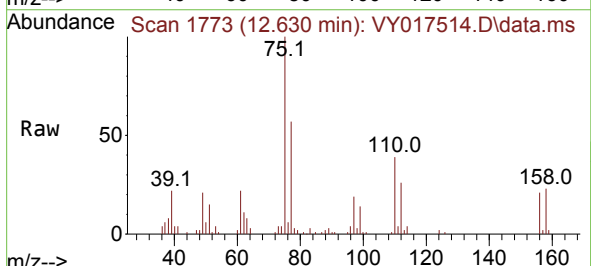
Acq: 28 Feb 2024 12:07

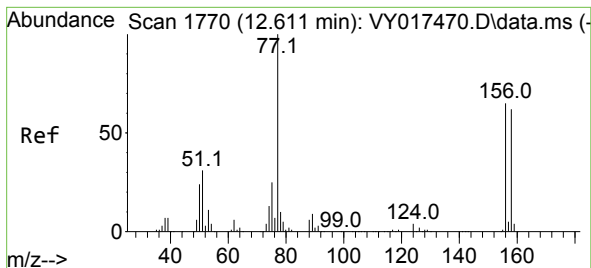
Tgt Ion: 75 Resp: 34980

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.541 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBSD01

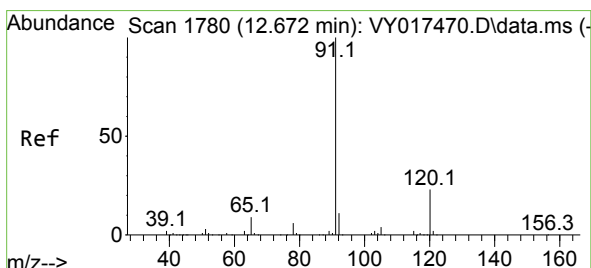
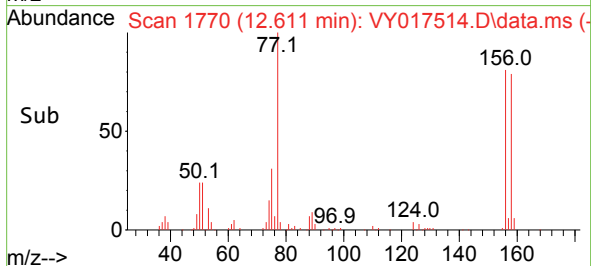
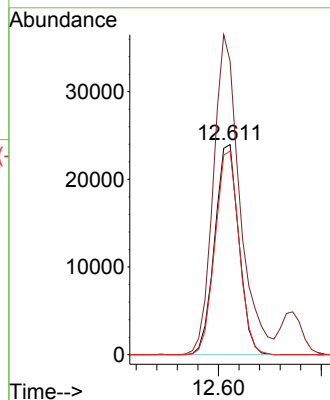
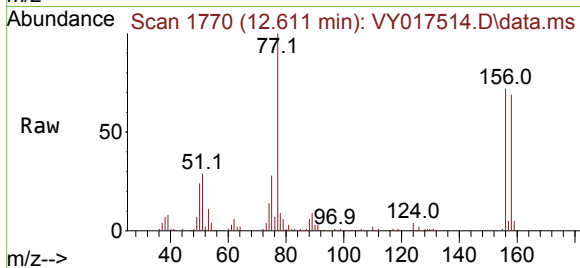
Tgt Ion:156 Resp: 38898

Ion Ratio Lower Upper

156 100

77 168.2 87.1 261.3

158 96.8 48.6 145.9



#78

n-propylbenzene

Concen: 21.534 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY017514.D

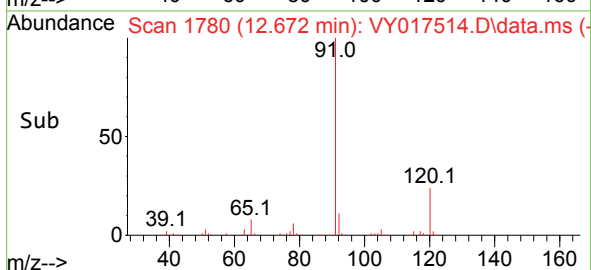
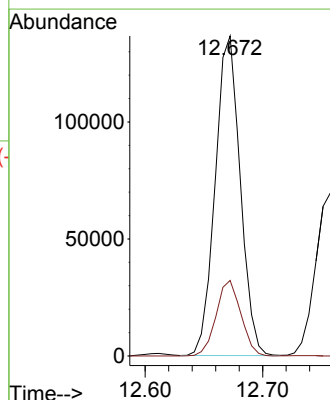
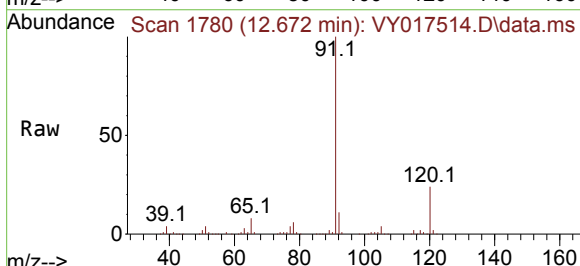
Acq: 28 Feb 2024 12:07

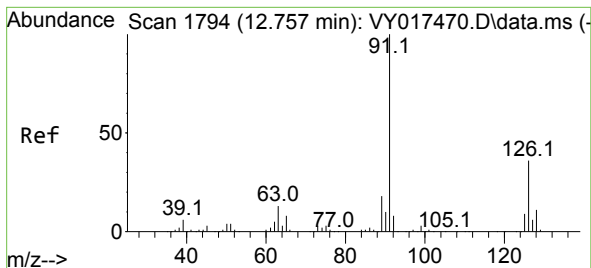
Tgt Ion: 91 Resp: 202051

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

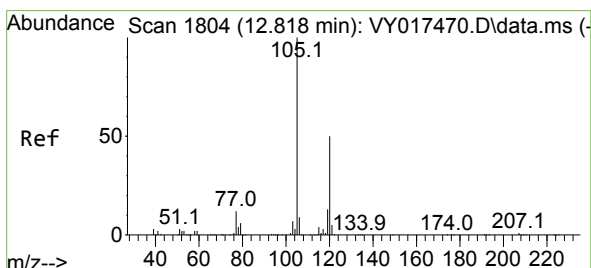
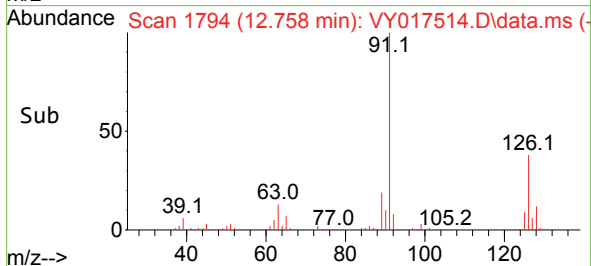
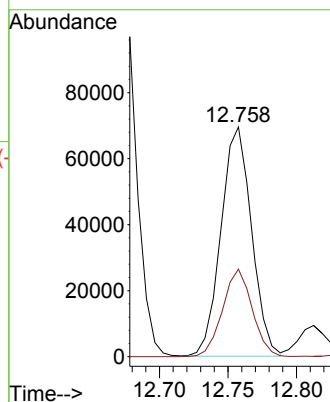
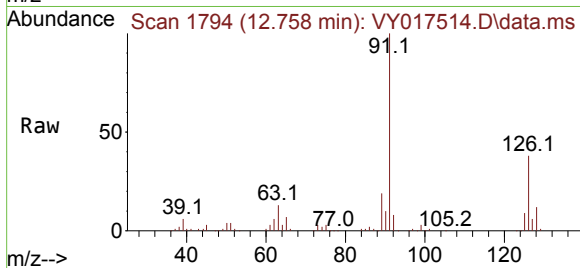




#79
2-Chlorotoluene
Concen: 20.548 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

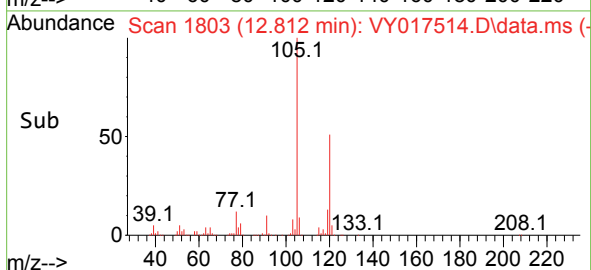
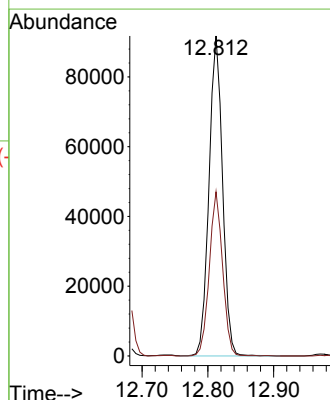
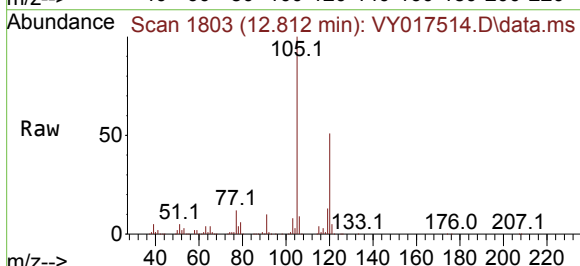
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

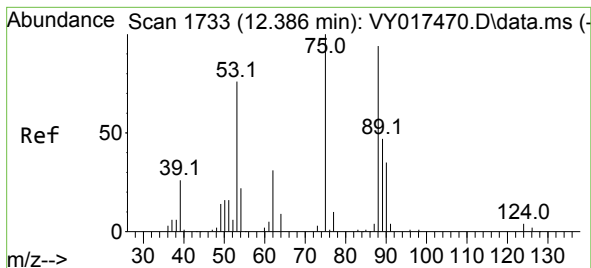
Tgt Ion: 91 Resp: 107942
Ion Ratio Lower Upper
91 100
126 37.0 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 20.998 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

Tgt Ion: 105 Resp: 131553
Ion Ratio Lower Upper
105 100
120 50.3 25.1 75.2

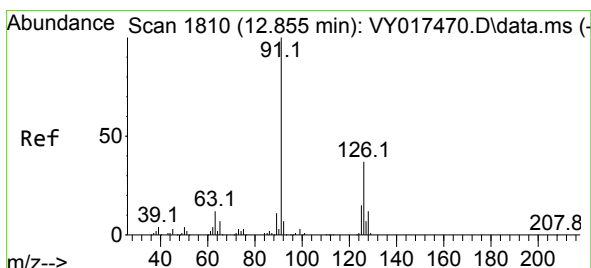
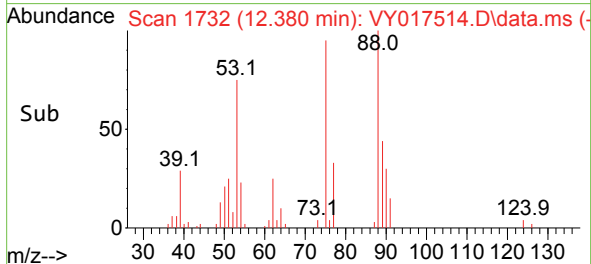
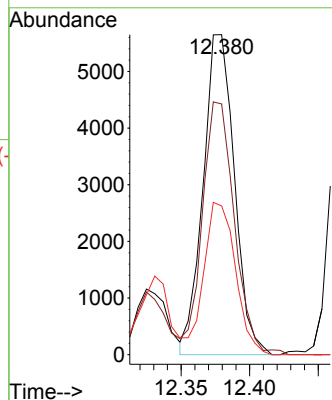
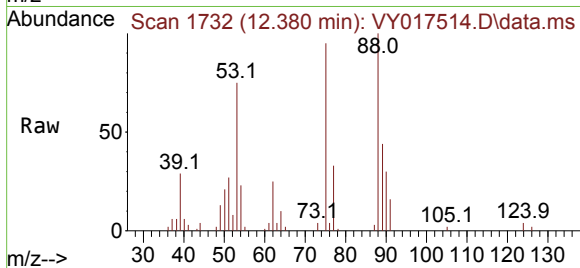




#81
trans-1,4-Dichloro-2-butene
Concen: 20.596 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

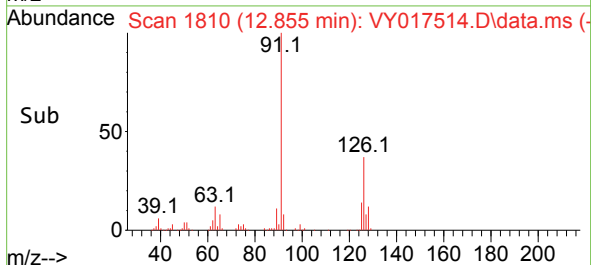
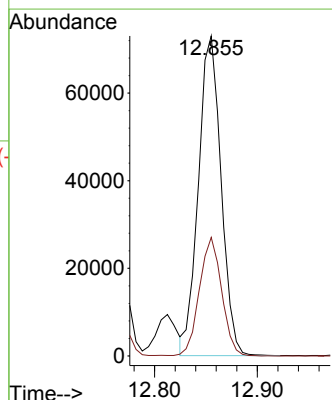
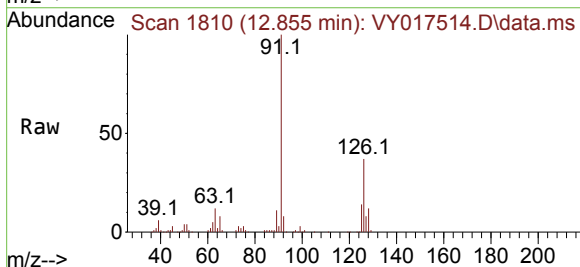
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

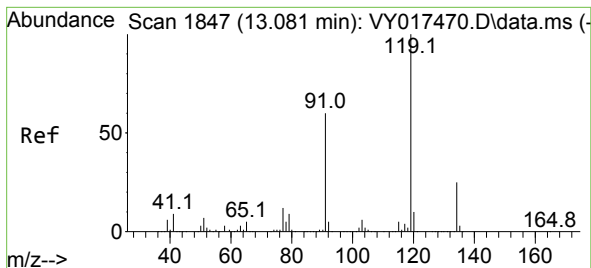
Tgt Ion: 75 Resp: 8964
Ion Ratio Lower Upper
75 100
53 80.8 66.8 100.2
89 48.5 35.8 53.6



#82
4-Chlorotoluene
Concen: 20.836 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

Tgt Ion: 91 Resp: 111957
Ion Ratio Lower Upper
91 100
126 36.5 17.6 52.9





#83

tert-Butylbenzene

Concen: 20.982 ug/l

RT: 13.075 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

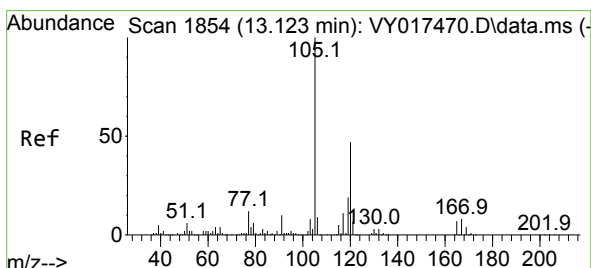
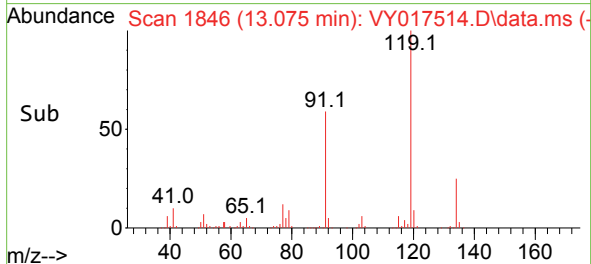
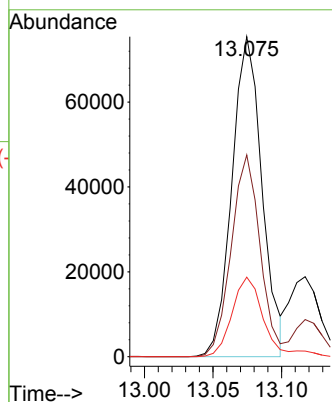
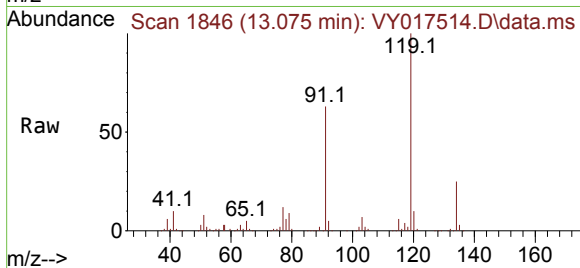
Tgt Ion:119 Resp: 115428

Ion Ratio Lower Upper

119 100

91 60.4 31.3 93.8

134 26.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.934 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY017514.D

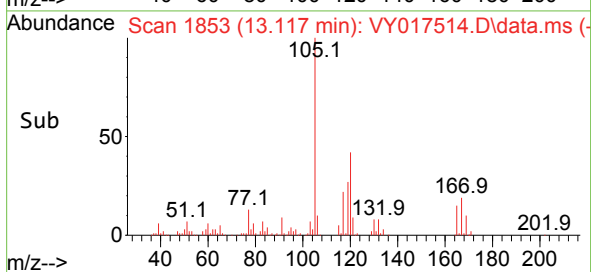
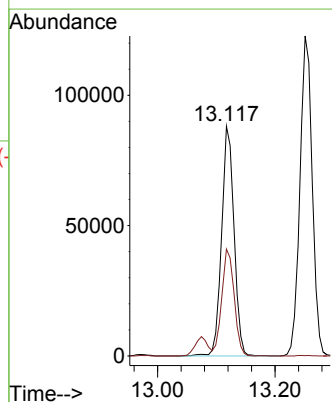
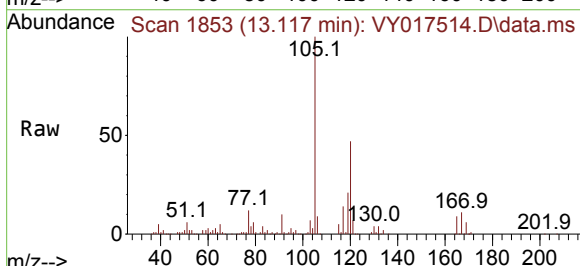
Acq: 28 Feb 2024 12:07

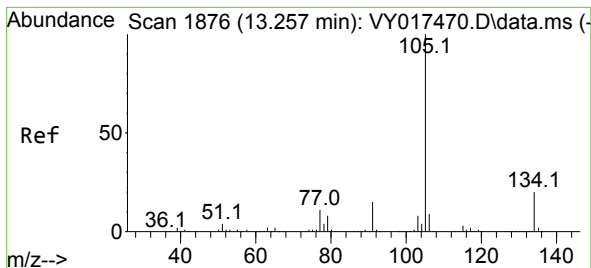
Tgt Ion:105 Resp: 129477

Ion Ratio Lower Upper

105 100

120 46.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.209 ug/l

RT: 13.251 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

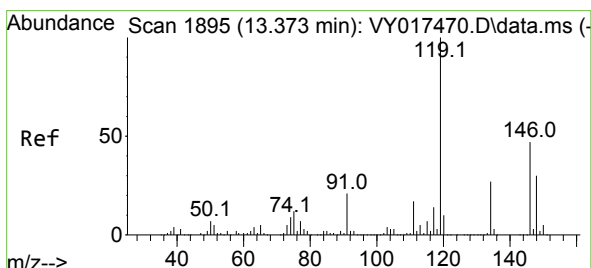
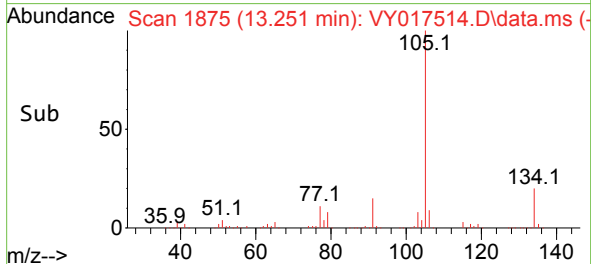
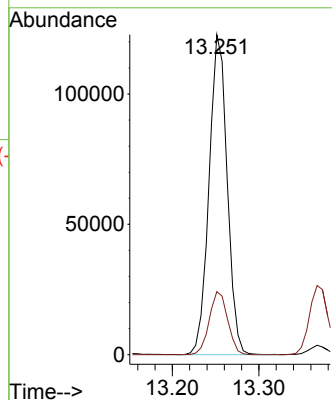
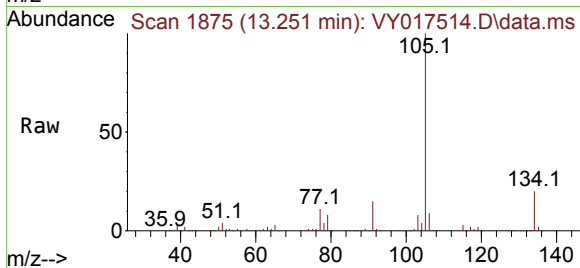
VY0228SBSD01

Tgt Ion:105 Resp: 178386

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 21.051 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

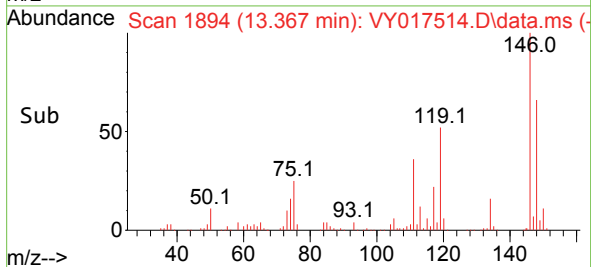
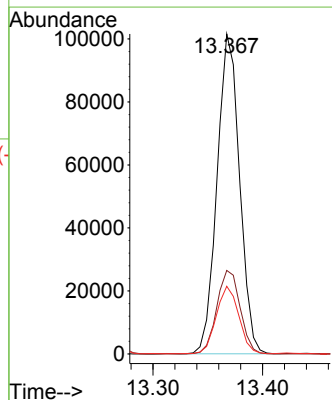
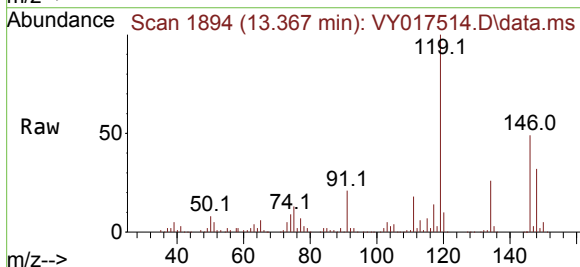
Tgt Ion:119 Resp: 144938

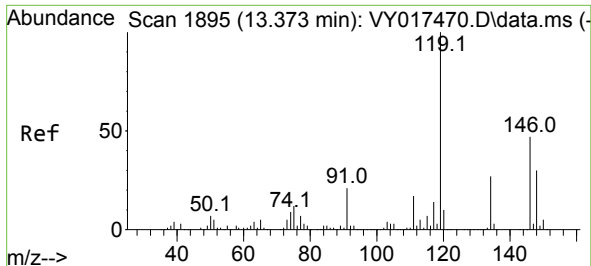
Ion Ratio Lower Upper

119 100

134 27.0 13.1 39.3

91 21.0 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.338 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

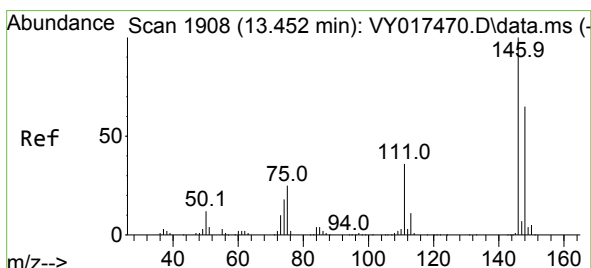
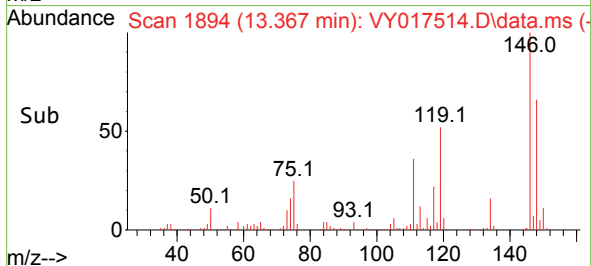
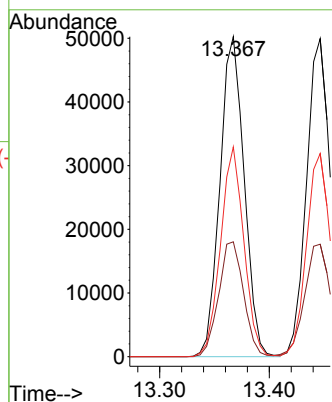
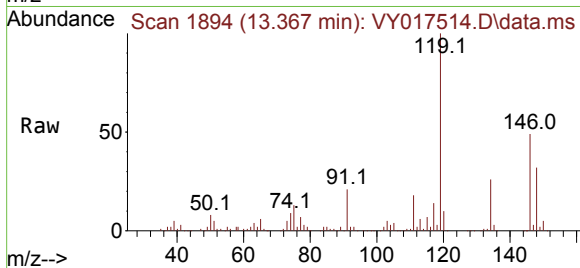
Tgt Ion:146 Resp: 77305

Ion Ratio Lower Upper

146 100

111 36.9 19.0 57.0

148 63.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.599 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

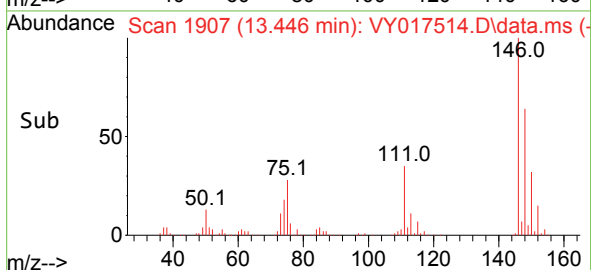
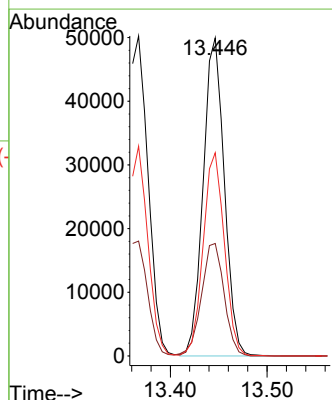
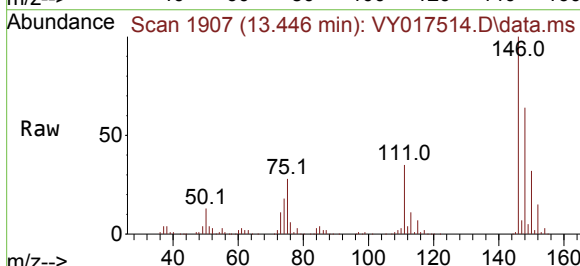
Tgt Ion:146 Resp: 76121

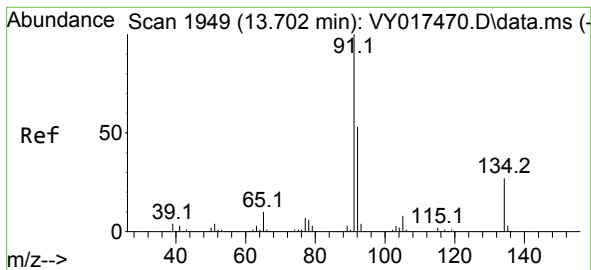
Ion Ratio Lower Upper

146 100

111 37.9 18.4 55.4

148 64.0 32.4 97.2





#89

n-Butylbenzene

Concen: 21.156 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

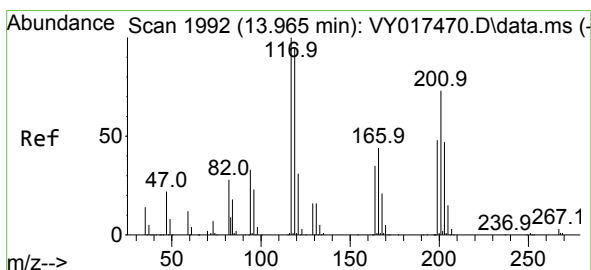
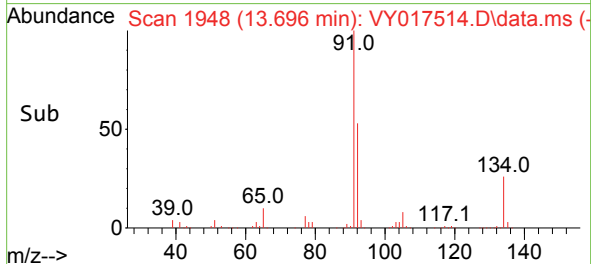
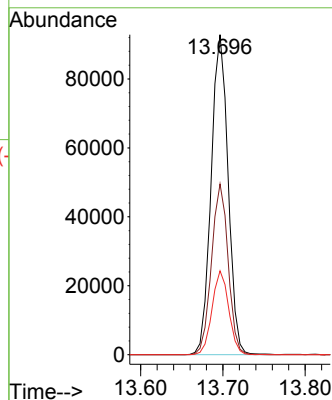
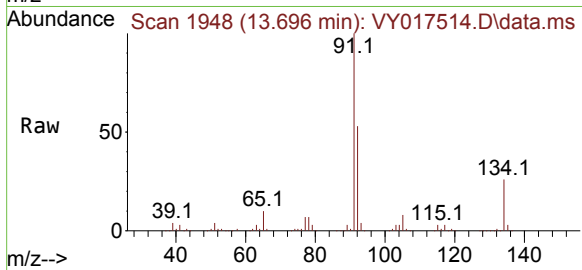
Tgt Ion: 91 Resp: 132897

Ion Ratio Lower Upper

91 100

92 52.4 26.6 79.7

134 25.7 12.9 38.7



#90

Hexachloroethane

Concen: 20.984 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.006 min

Lab File: VY017514.D

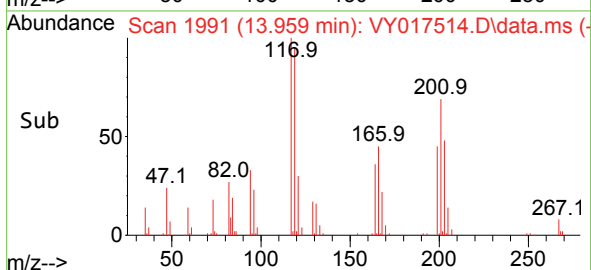
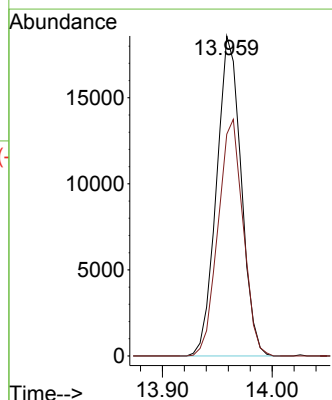
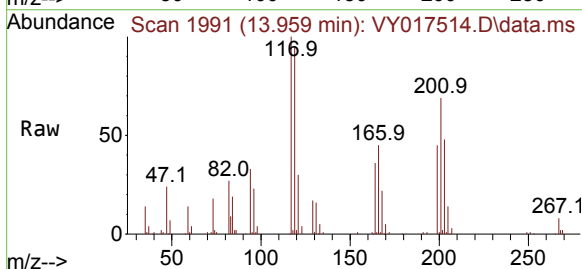
Acq: 28 Feb 2024 12:07

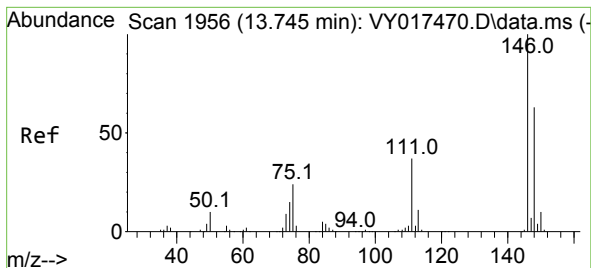
Tgt Ion: 117 Resp: 28965

Ion Ratio Lower Upper

117 100

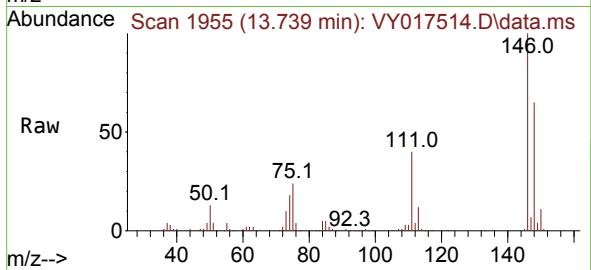
201 75.3 37.4 112.2



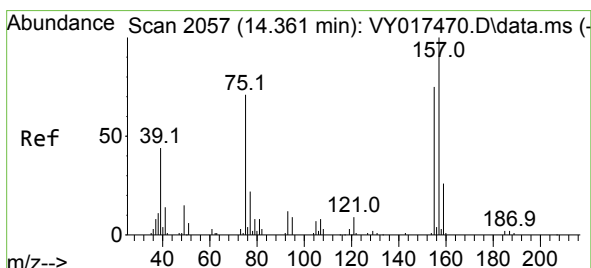
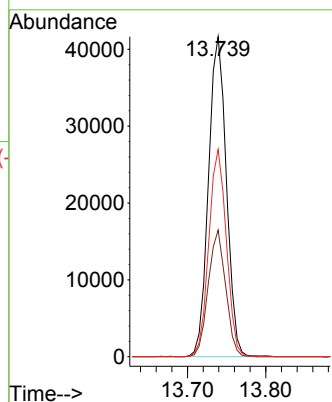
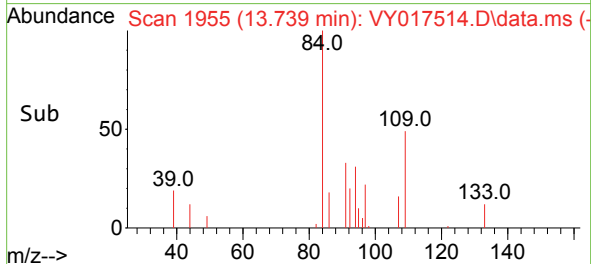


#91
1,2-Dichlorobenzene
Concen: 20.527 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07

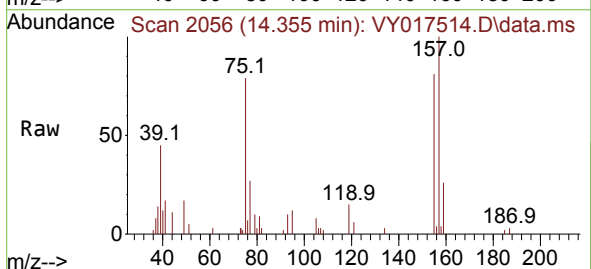
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBSD01



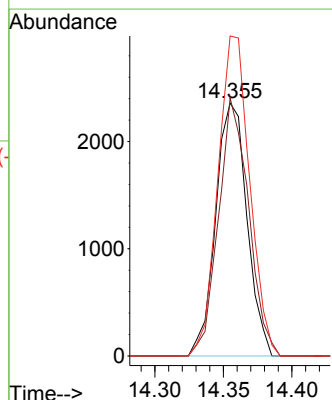
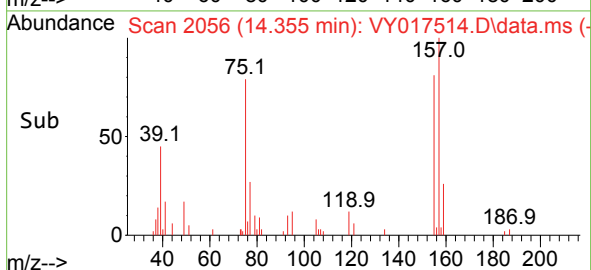
Tgt Ion:146 Resp: 65998
Ion Ratio Lower Upper
146 100
111 38.5 19.9 59.7
148 63.6 31.8 95.4

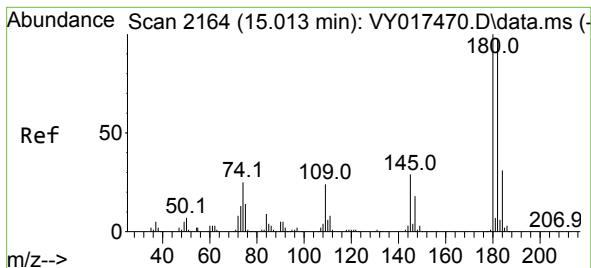


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.822 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY017514.D
Acq: 28 Feb 2024 12:07



Tgt Ion: 75 Resp: 3742
Ion Ratio Lower Upper
75 100
155 98.4 48.6 145.8
157 128.4 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 20.255 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

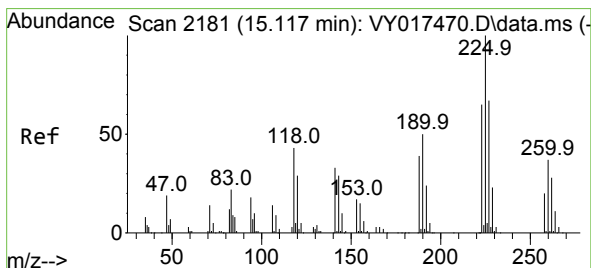
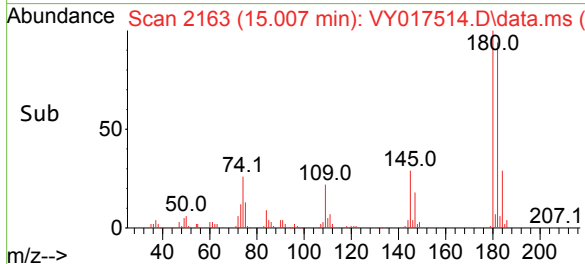
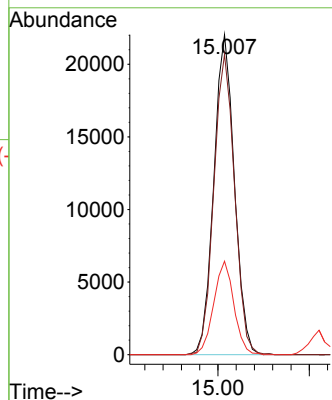
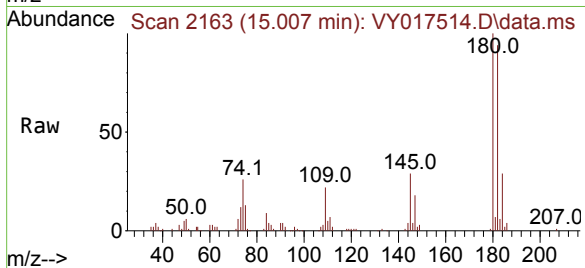
Tgt Ion:180 Resp: 34398

Ion Ratio Lower Upper

180 100

182 94.5 47.9 143.8

145 28.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.901 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.006 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

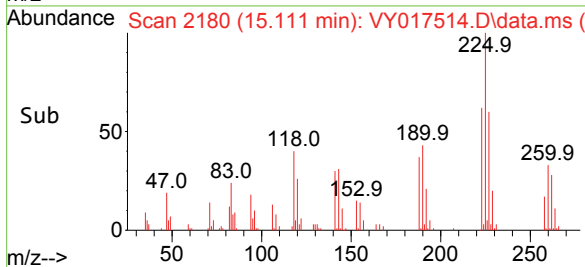
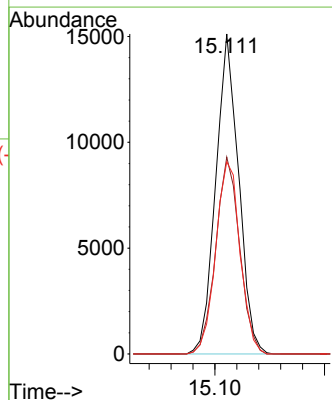
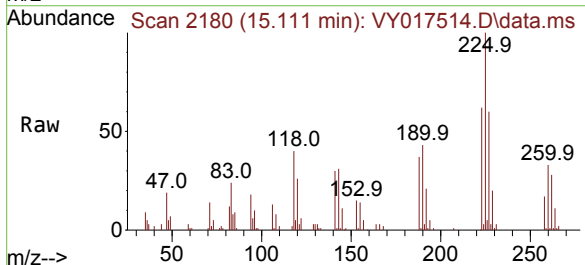
Tgt Ion:225 Resp: 21915

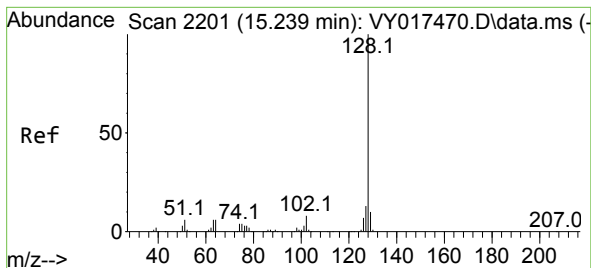
Ion Ratio Lower Upper

225 100

223 64.2 30.4 91.2

227 63.9 31.9 95.9





#95

Naphthalene

Concen: 18.899 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBSD01

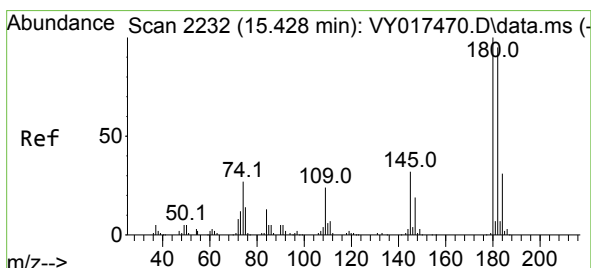
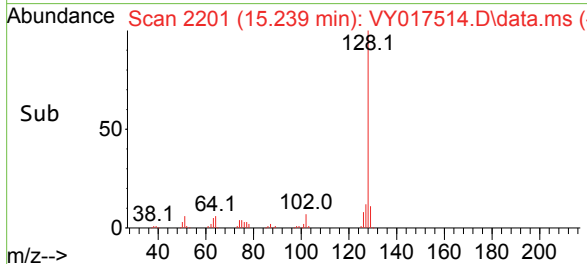
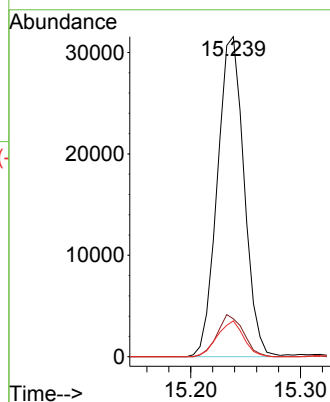
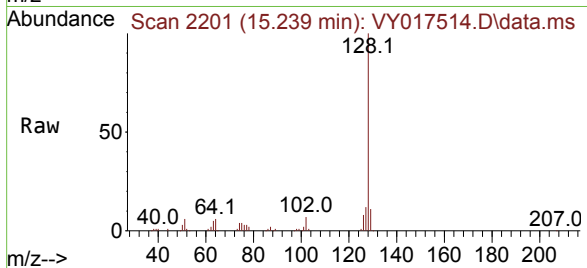
Tgt Ion:128 Resp: 53498

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.383 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY017514.D

Acq: 28 Feb 2024 12:07

Tgt Ion:180 Resp: 28239

Ion Ratio Lower Upper

180 100

182 95.7 47.6 142.9

145 30.7 15.4 46.1

